

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038927.D
 Acq On : 08 Aug 2025 10:35
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

Quant Time: Aug 11 05:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.600	168	449331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	747562	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	702018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	373535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	33230	5.142	ug/l	0.01
Spiked Amount 50.000	Range 81 - 118		Recovery =	10.280%#		
35) Dibromofluoromethane	4.513	113	27794	4.901	ug/l	0.02
Spiked Amount 50.000	Range 80 - 119		Recovery =	9.800%#		
50) Toluene-d8	7.243	98	89234	4.543	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	9.080%#		
62) 4-Bromofluorobenzene	10.008	95	28588	4.041	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	8.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	12424	4.110	ug/l	98
3) Chloromethane	1.230	50	12838	4.451	ug/l	91
4) Vinyl Chloride	1.294	62	15213	4.292	ug/l	98
5) Bromomethane	1.487	94	14604	5.256	ug/l	98
6) Chloroethane	1.555	64	11505	4.513	ug/l	95
7) Trichlorofluoromethane	1.722	101	33902	4.830	ug/l	99
8) Diethyl Ether	1.918	74	12539	4.791	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	22367	4.988	ug/l	97
10) Methyl Iodide	2.198	142	16822	6.556	ug/l	94
11) Tert butyl alcohol	2.577	59	26952	24.661	ug/l	95
12) 1,1-Dichloroethene	2.082	96	18043	4.855	ug/l	92
13) Acrolein	2.008	56	33659	43.648	ug/l	94
14) Allyl chloride	2.359	41	31270	4.812	ug/l #	94
15) Acrylonitrile	2.680	53	69161	23.970	ug/l	98
16) Acetone	2.121	43	55798	24.055	ug/l	97
17) Carbon Disulfide	2.253	76	25046	4.174	ug/l	98
18) Methyl Acetate	2.381	43	27984	3.589	ug/l	96
19) Methyl tert-butyl Ether	2.716	73	74809	4.893	ug/l	98
20) Methylene Chloride	2.455	84	24498	4.561	ug/l	99
21) trans-1,2-Dichloroethene	2.706	96	18685	4.626	ug/l	96
22) Diisopropyl ether	3.217	45	60861	4.631	ug/l #	52
23) Vinyl Acetate	3.195	43	240038	24.589	ug/l	98
24) 1,1-Dichloroethane	3.117	63	43221	5.128	ug/l	97
25) 2-Butanone	3.889	43	64201	21.777	ug/l	95
26) 2,2-Dichloropropane	3.815	77	38171	5.111	ug/l	97
27) cis-1,2-Dichloroethene	3.825	96	23046m	4.736	ug/l	
28) Bromochloromethane	4.153	49	16769	6.085	ug/l	97
29) Tetrahydrofuran	4.252	42	40517	20.701	ug/l	96
30) Chloroform	4.281	83	45559	4.968	ug/l	91
31) Cyclohexane	4.593	56	27699	5.336	ug/l #	67
32) 1,1,1-Trichloroethane	4.513	97	39234	4.974	ug/l #	74
36) 1,1-Dichloropropene	4.754	75	21072	4.213	ug/l #	79
37) Ethyl Acetate	4.005	43	34679m	5.279	ug/l	
38) Carbon Tetrachloride	4.735	117	29607	4.435	ug/l #	88
39) Methylcyclohexane	6.047	83	22490	4.110	ug/l	98
40) Benzene	5.018	78	73643	4.426	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038927.D
 Acq On : 08 Aug 2025 10:35
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

Quant Time: Aug 11 05:03:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.195	41	9575m	3.551	ug/l	
42) 1,2-Dichloroethane	5.050	62	28468	4.404	ug/l	99
43) Isopropyl Acetate	5.207	43	39180	4.224	ug/l	97
44) Trichloroethene	5.844	130	18886	4.314	ug/l	96
45) 1,2-Dichloropropane	6.101	63	18251	4.056	ug/l	98
46) Dibromomethane	6.243	93	15420	4.483	ug/l	96
47) Bromodichloromethane	6.432	83	37071	4.851	ug/l	95
48) Methyl methacrylate	6.320	41	14584	3.686	ug/l	98
49) 1,4-Dioxane	6.310	88	6498	74.052	ug/l	91
51) 4-Methyl-2-Pentanone	7.156	43	139132	21.641	ug/l	96
52) Toluene	7.317	92	44878	4.272	ug/l	95
53) t-1,3-Dichloropropene	7.590	75	29567	4.423	ug/l	97
54) cis-1,3-Dichloropropene	6.960	75	31663	4.338	ug/l	97
55) 1,1,2-Trichloroethane	7.767	97	24501	4.766	ug/l	95
56) Ethyl methacrylate	7.728	69	22797	4.574	ug/l	93
57) 1,3-Dichloropropane	7.940	76	36215	4.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.822	63	64724	21.458	ug/l	99
59) 2-Hexanone	8.072	43	95565	20.593	ug/l	93
60) Dibromochloromethane	8.172	129	31490	5.003	ug/l	100
61) 1,2-Dibromoethane	8.281	107	24230	4.748	ug/l	100
64) Tetrachloroethene	7.902	164	19439	4.718	ug/l	99
65) Chlorobenzene	8.809	112	63223	4.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	28702	5.317	ug/l	93
67) Ethyl Benzene	8.944	91	84977	4.216	ug/l	99
68) m/p-Xylenes	9.069	106	62193	8.006	ug/l	100
69) o-Xylene	9.474	106	29585	4.050	ug/l	100
70) Styrene	9.493	104	51275	3.899	ug/l	98
71) Bromoform	9.657	173	21219	4.678	ug/l #	98
73) Isopropylbenzene	9.857	105	84176	4.317	ug/l	99
74) N-amyl acetate	9.731	43	27679	4.040	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.169	83	42199	5.062	ug/l	97
76) 1,2,3-Trichloropropane	10.201	75	28781	4.712	ug/l	90
77) Bromobenzene	10.149	156	24068	4.598	ug/l	94
78) n-propylbenzene	10.281	91	96245	4.185	ug/l	99
79) 2-Chlorotoluene	10.352	91	61149	4.331	ug/l	97
80) 1,3,5-Trimethylbenzene	10.468	105	66308	4.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.934	75	10107	4.146	ug/l #	92
82) 4-Chlorotoluene	10.468	91	70440	4.266	ug/l	98
83) tert-Butylbenzene	10.792	119	76834	4.385	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	65016	3.982	ug/l	96
85) sec-Butylbenzene	11.014	105	93587	4.227	ug/l	96
86) p-Isopropyltoluene	11.169	119	83827	4.346	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	48711	4.452	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	55551	4.663	ug/l	91
89) n-Butylbenzene	11.583	91	75935	4.258	ug/l	98
90) Hexachloroethane	11.821	117	23580	5.182	ug/l	92
91) 1,2-Dichlorobenzene	11.570	146	50254	4.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.358	75	8199	4.491	ug/l	96
93) 1,2,4-Trichlorobenzene	13.188	180	27391	4.199	ug/l	99
94) Hexachlorobutadiene	13.371	225	16617	4.821	ug/l	95
95) Naphthalene	13.429	128	80342	3.925	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	28348	4.247	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
Data File : VV038927.D
Acq On : 08 Aug 2025 10:35
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

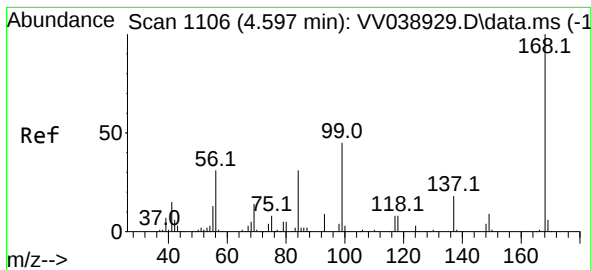
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

Quant Time: Aug 11 05:03:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 11 04:47:10 2025
Response via : Initial Calibration

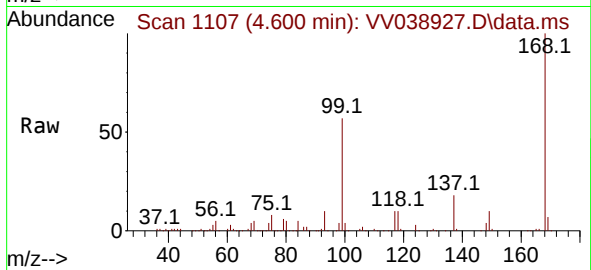
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

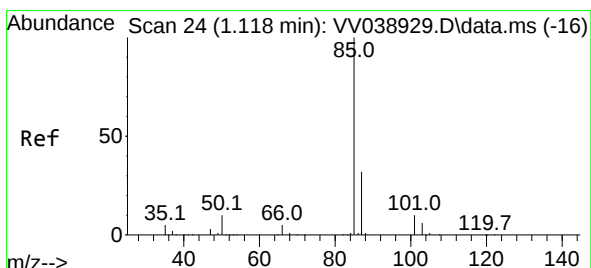
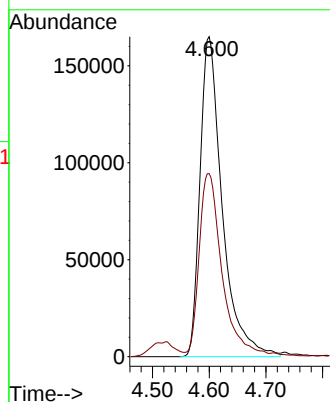
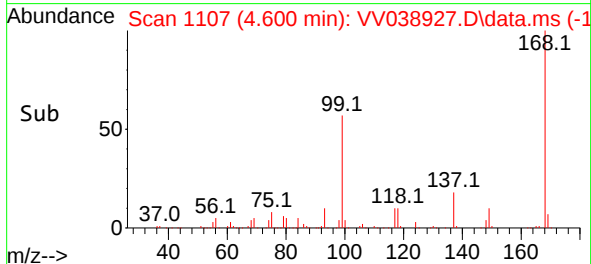
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 44933
Ion Ratio Lower Upper
168 100
99 56.5 47.3 70.9

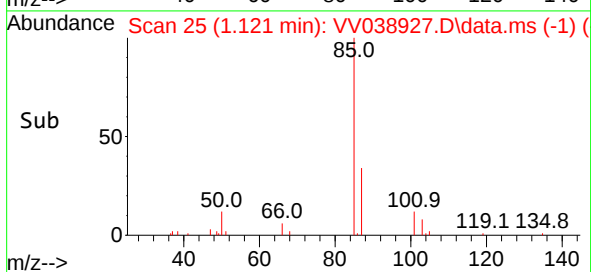
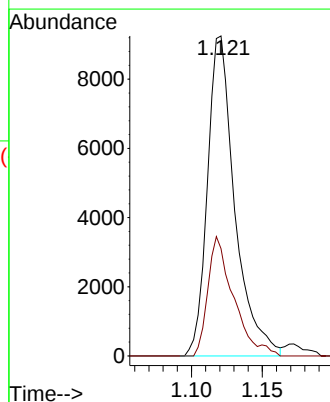
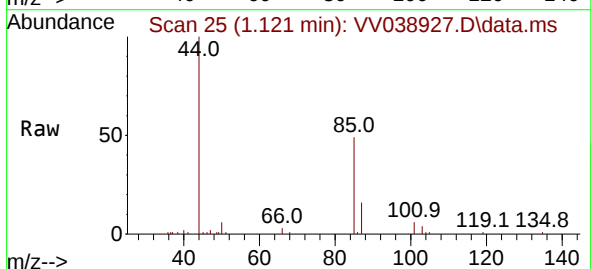
Manual Integrations
APPROVED

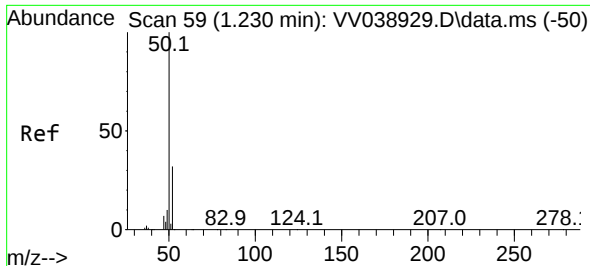
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#2
Dichlorodifluoromethane
Concen: 4.110 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

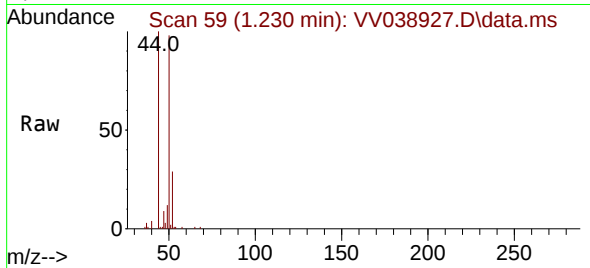
Tgt Ion: 85 Resp: 12424
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.6





#3
Chloromethane
Concen: 4.451 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

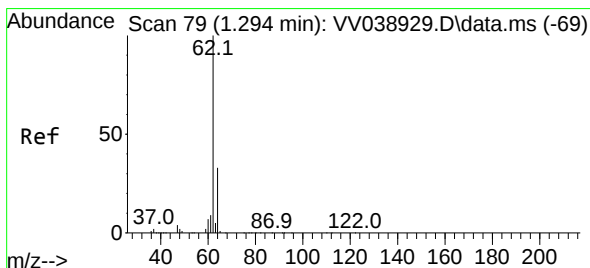
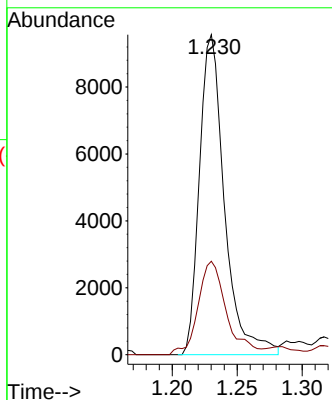
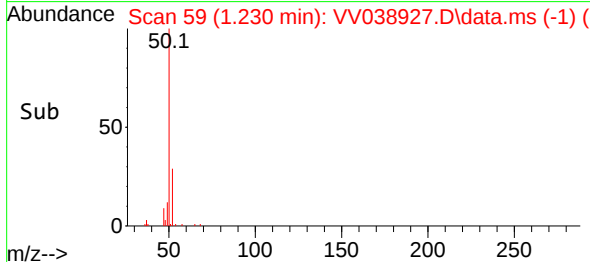
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



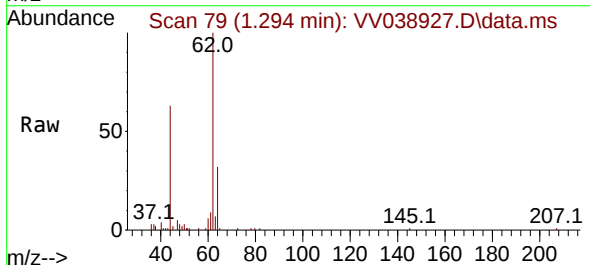
Tgt Ion: 50 Resp: 12838
Ion Ratio Lower Upper
50 100
52 27.2 25.9 38.9

Manual Integrations
APPROVED

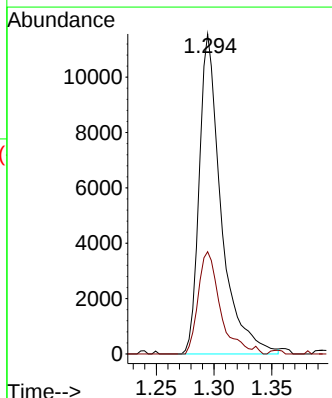
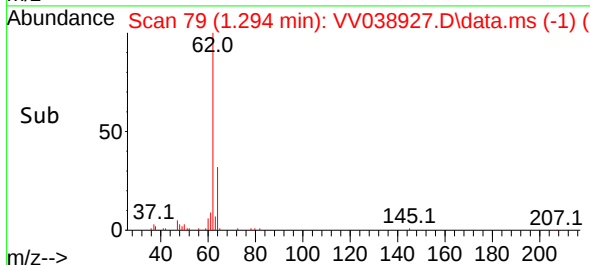
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

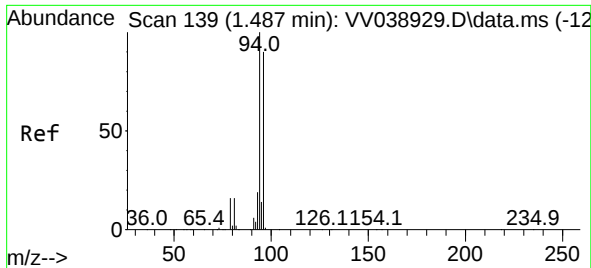


#4
Vinyl Chloride
Concen: 4.292 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35



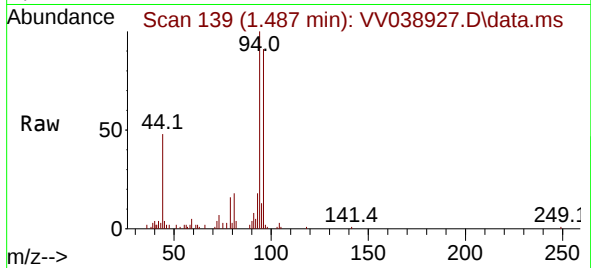
Tgt Ion: 62 Resp: 15213
Ion Ratio Lower Upper
62 100
64 31.9 26.6 40.0





#5
Bromomethane
Concen: 5.256 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

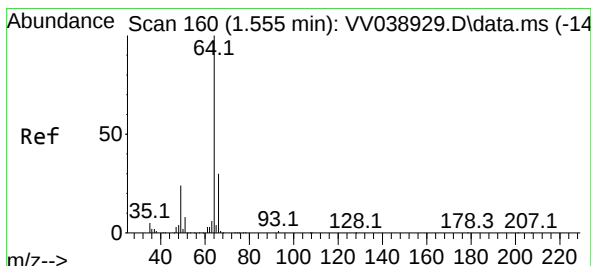
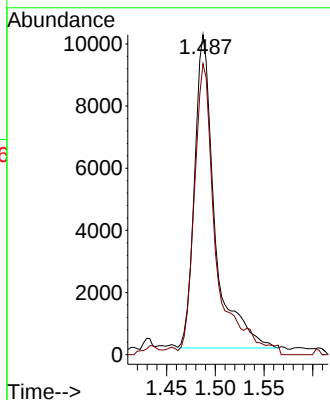
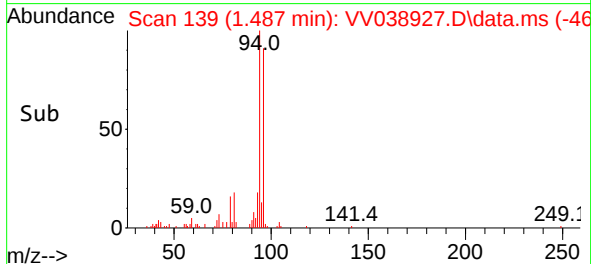
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



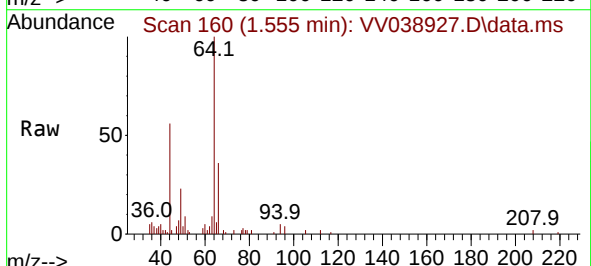
Tgt Ion: 94 Resp: 14604
Ion Ratio Lower Upper
94 100
96 91.6 71.8 107.8

Manual Integrations
APPROVED

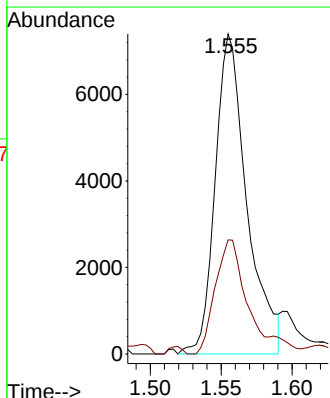
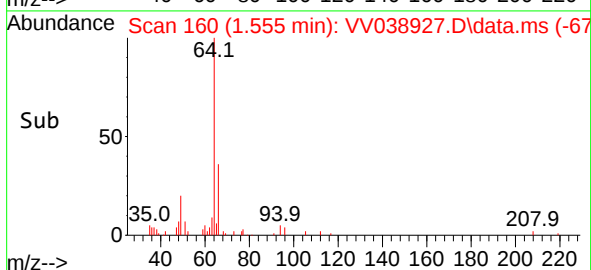
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

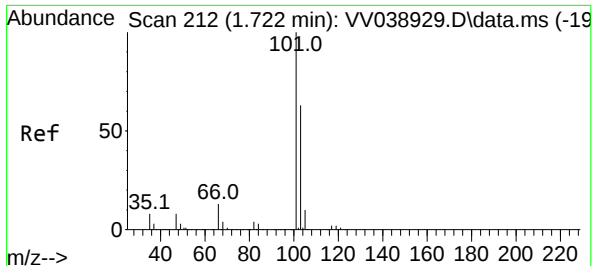


#6
Chloroethane
Concen: 4.513 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35



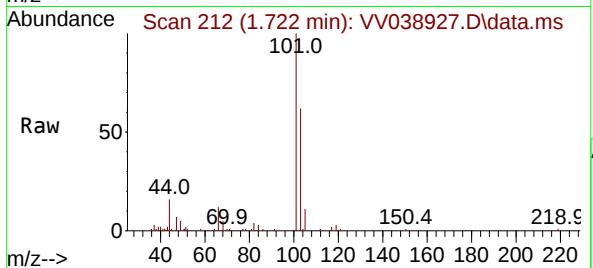
Tgt Ion: 64 Resp: 11505
Ion Ratio Lower Upper
64 100
66 33.4 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 4.830 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

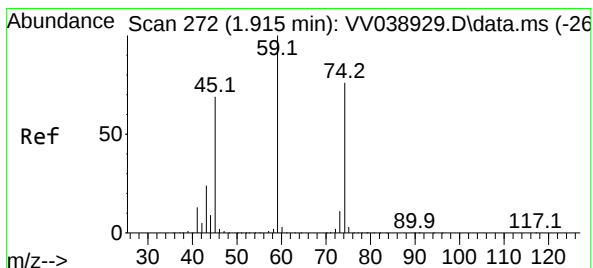
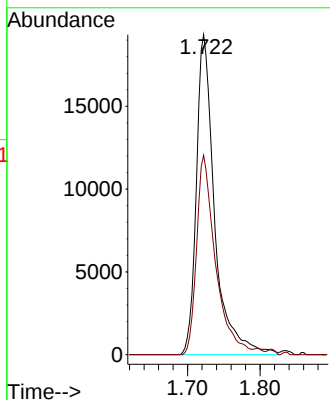
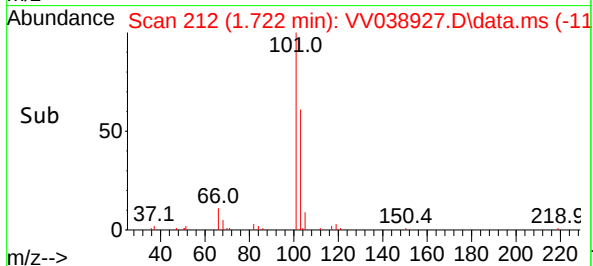
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005



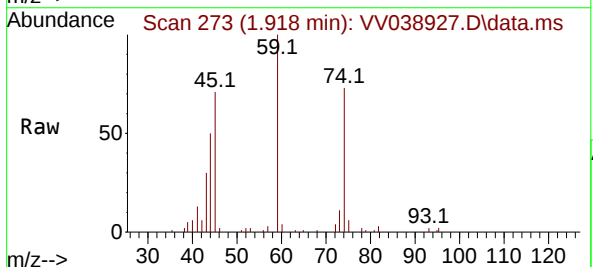
Tgt Ion:101 Resp: 3390
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.8 76.2

Manual Integrations
 APPROVED

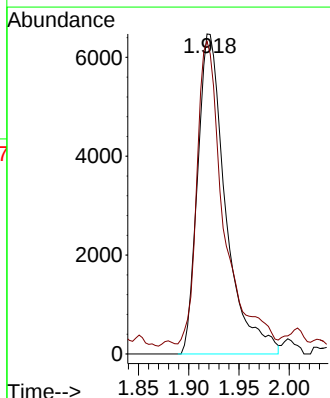
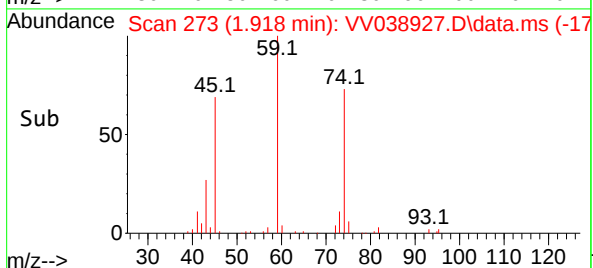
Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

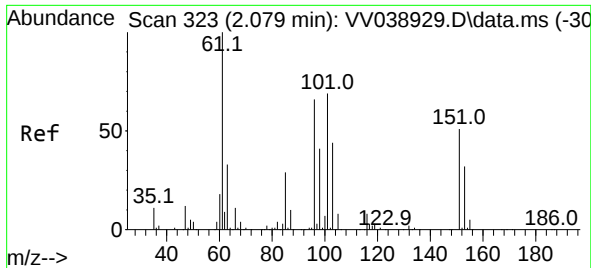


#8
 Diethyl Ether
 Concen: 4.791 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35



Tgt Ion: 74 Resp: 12539
 Ion Ratio Lower Upper
 74 100
 45 88.6 44.8 134.4





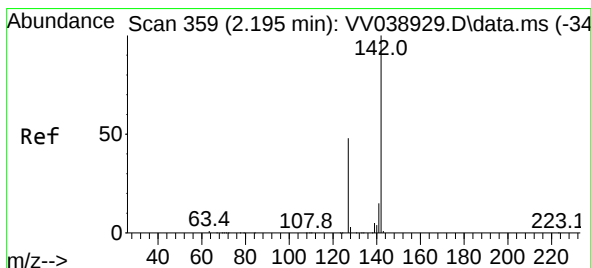
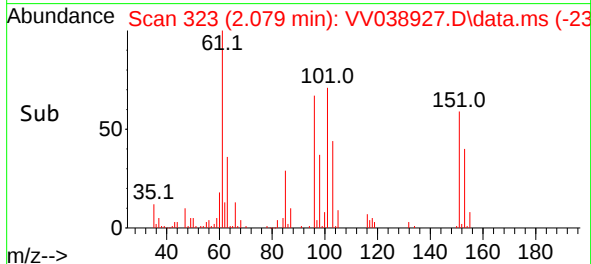
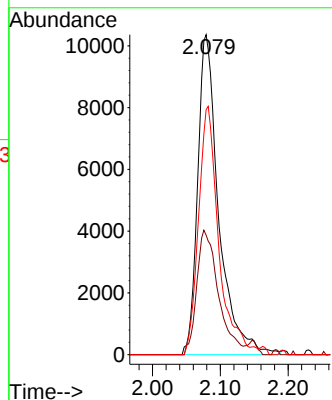
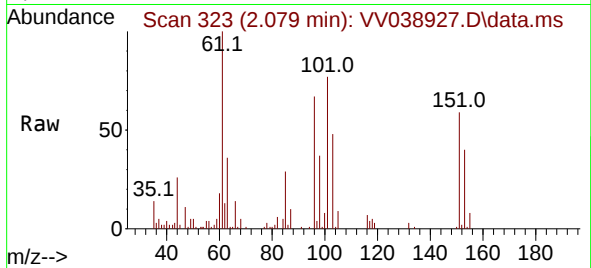
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.988 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2236
Ion Ratio Lower Upper
101 100
85 39.9 35.1 52.7
151 74.6 60.6 91.0

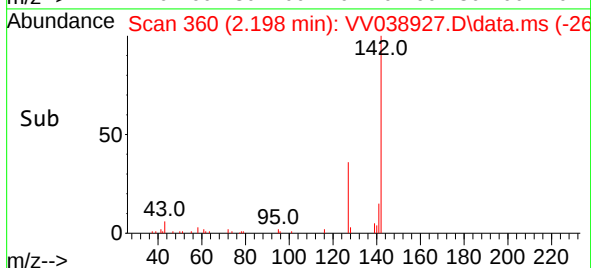
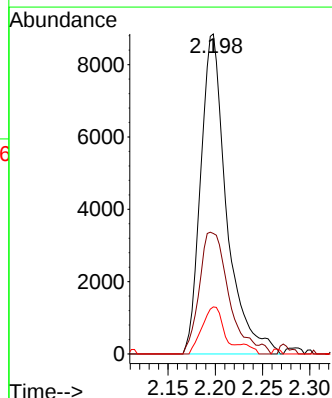
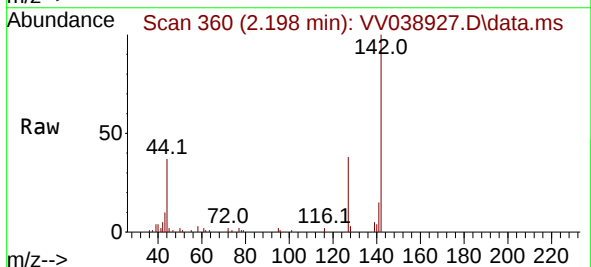
Manual Integrations
APPROVED

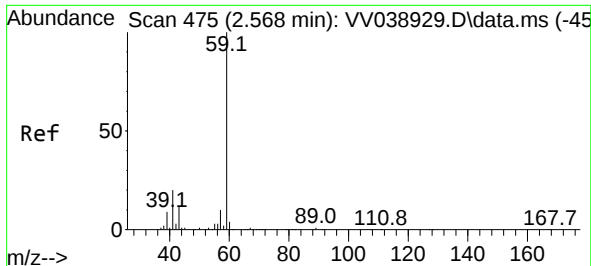
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#10
Methyl Iodide
Concen: 6.556 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

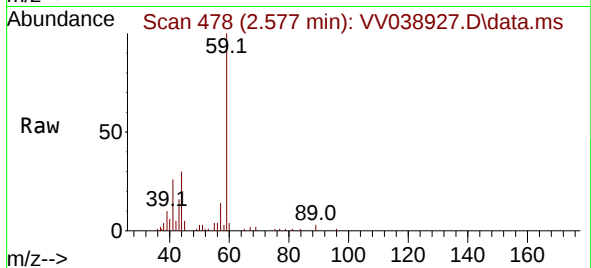
Tgt Ion:142 Resp: 16822
Ion Ratio Lower Upper
142 100
127 43.7 38.2 57.2
141 12.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 24.661 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

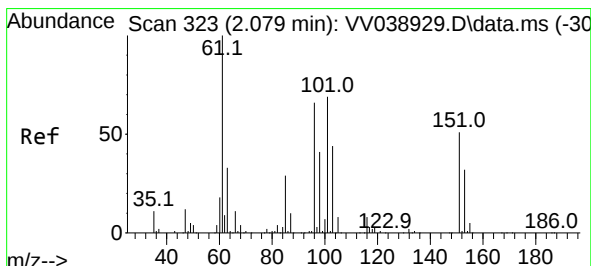
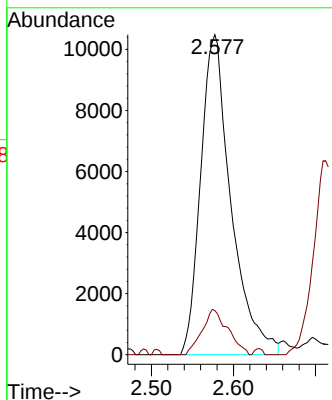
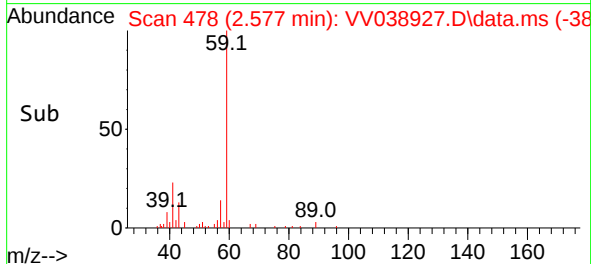
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



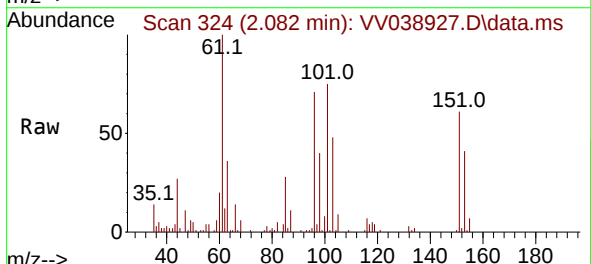
Tgt Ion: 59 Resp: 2695
Ion Ratio Lower Upper
59 100
57 12.0 8.2 12.2

Manual Integrations
APPROVED

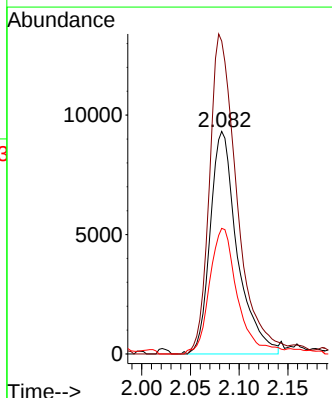
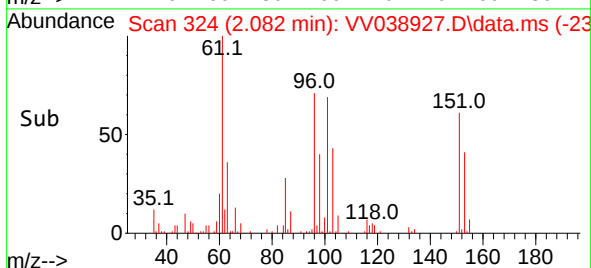
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

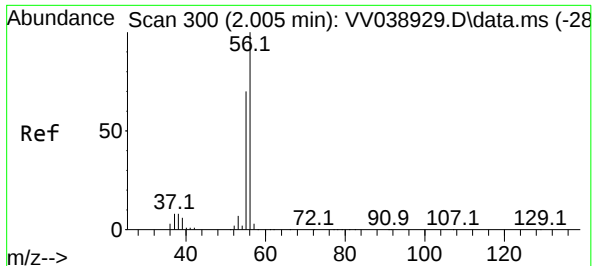


#12
1,1-Dichloroethene
Concen: 4.855 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35



Tgt Ion: 96 Resp: 18043
Ion Ratio Lower Upper
96 100
61 140.6 121.0 181.4
98 56.5 49.4 74.2





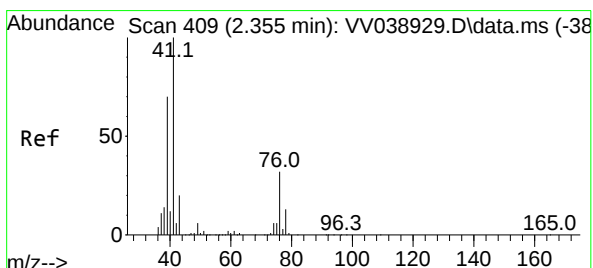
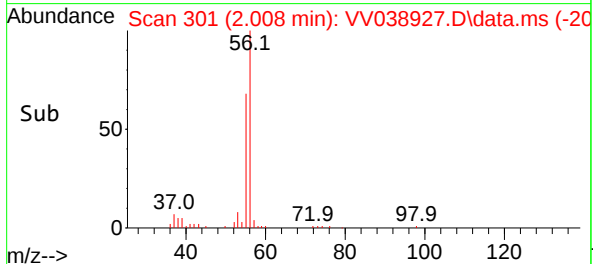
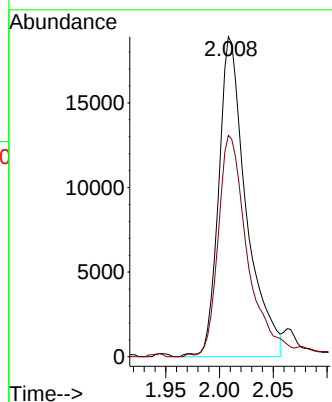
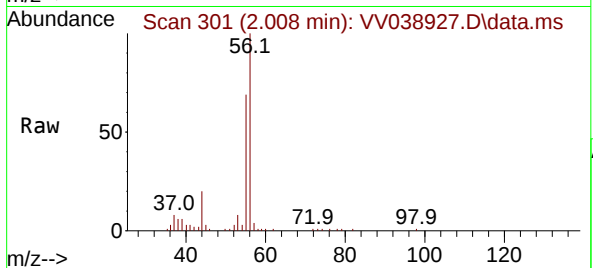
#13
Acrolein
Concen: 43.648 ug/l
RT: 2.008 min Scan# 300
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 33659
Ion Ratio Lower Upper
56 100
55 74.2 55.1 82.7

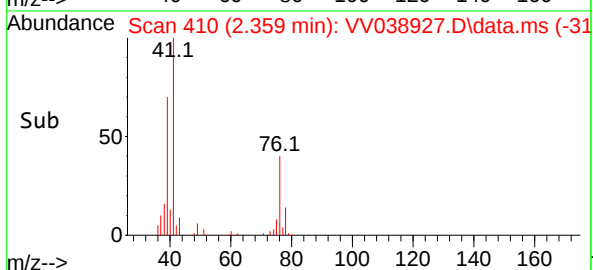
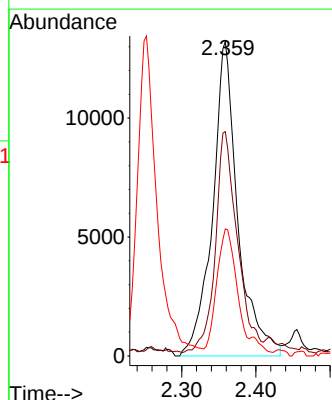
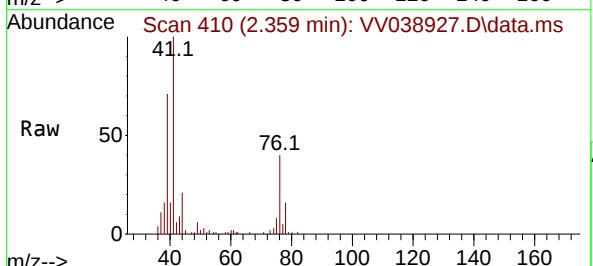
Manual Integrations
APPROVED

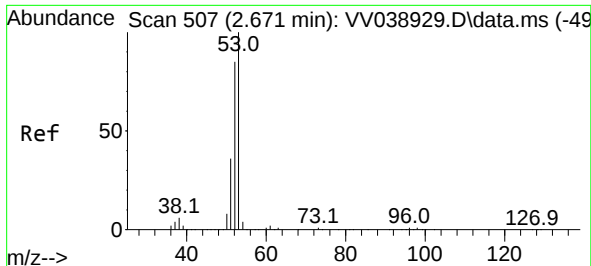
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#14
Allyl chloride
Concen: 4.812 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

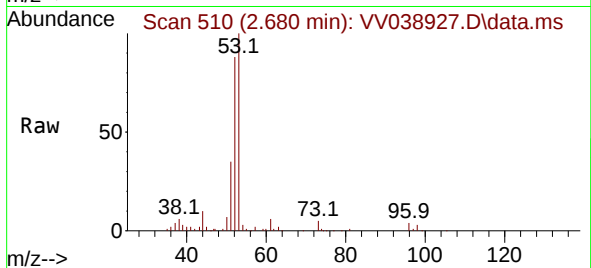
Tgt Ion: 41 Resp: 31270
Ion Ratio Lower Upper
41 100
39 61.3 49.9 74.9
76 28.9 29.7 44.5





#15
Acrylonitrile
Concen: 23.970 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

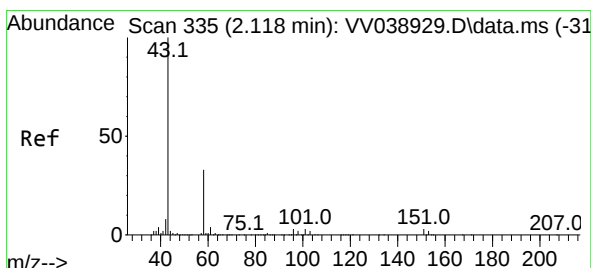
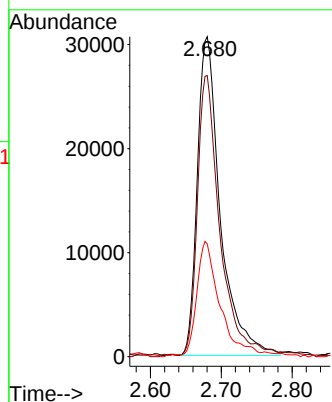
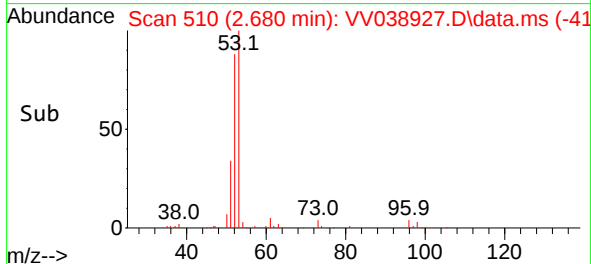
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 6916
Ion Ratio Lower Upper
53 100
52 84.3 66.4 99.6
51 34.2 28.6 43.0

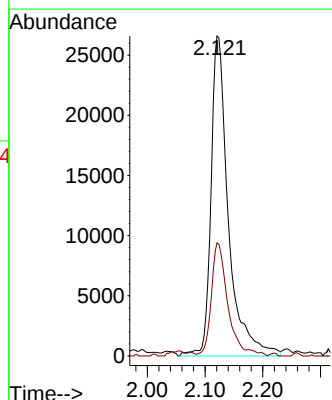
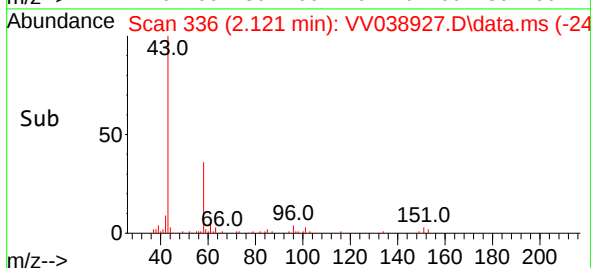
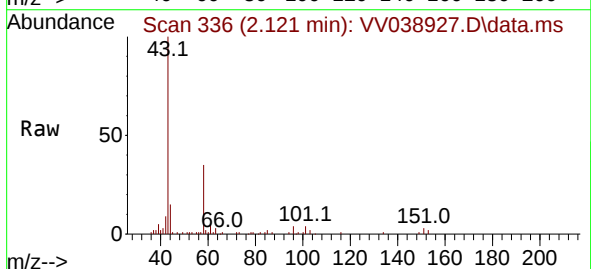
Manual Integrations
APPROVED

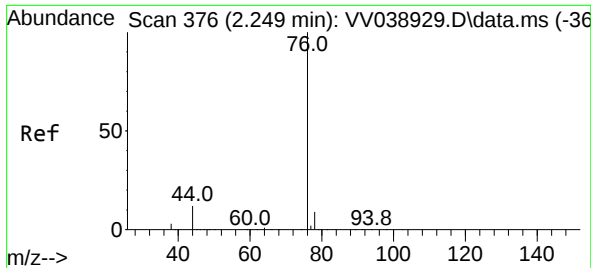
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#16
Acetone
Concen: 24.055 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 55798
Ion Ratio Lower Upper
43 100
58 35.3 26.8 40.2





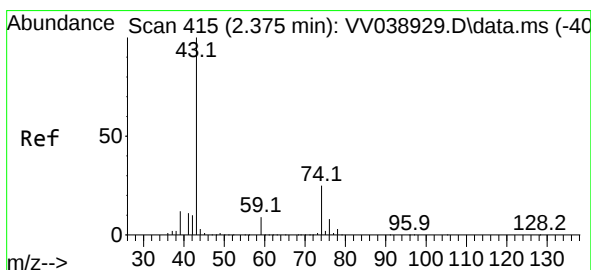
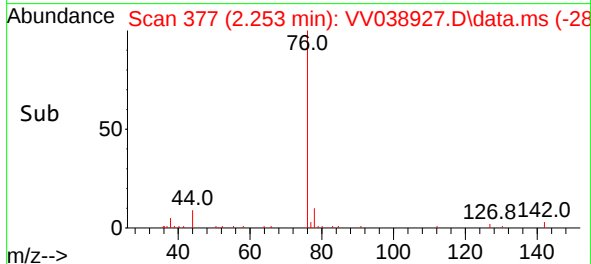
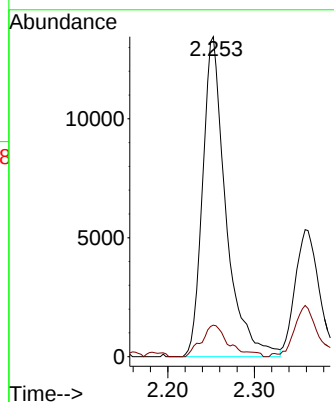
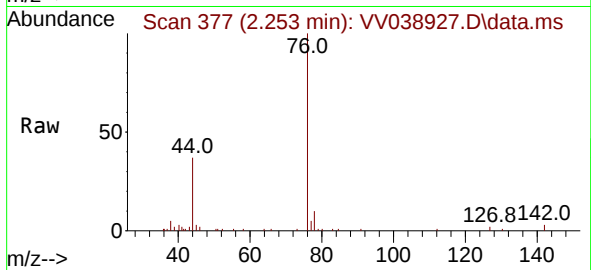
#17
Carbon Disulfide
Concen: 4.174 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 25040
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

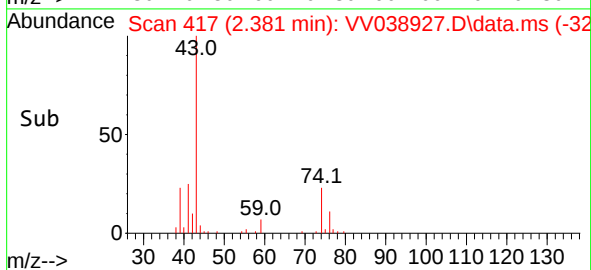
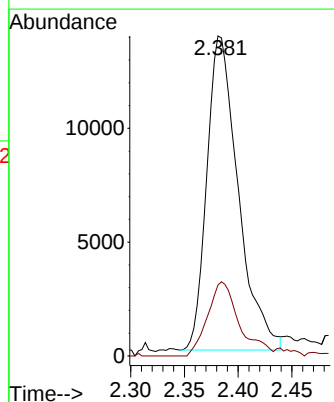
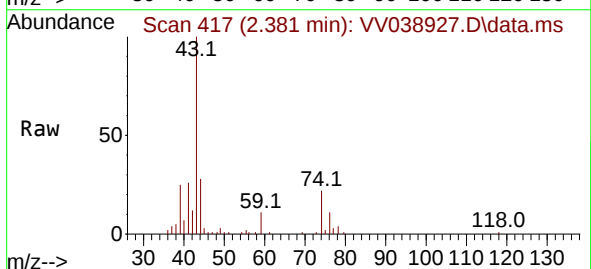
Manual Integrations
APPROVED

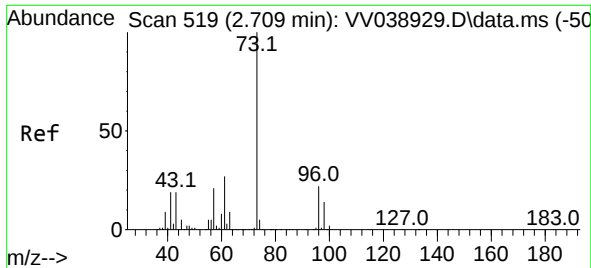
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#18
Methyl Acetate
Concen: 3.589 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 27984
Ion Ratio Lower Upper
43 100
74 23.8 20.6 30.8





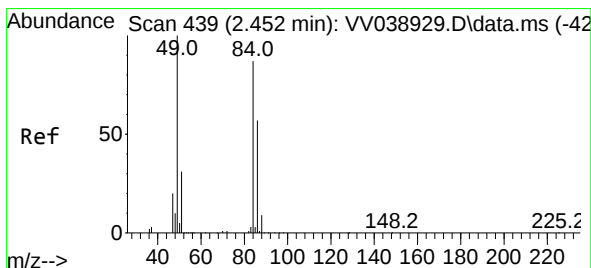
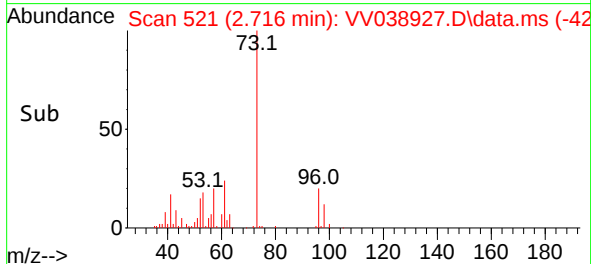
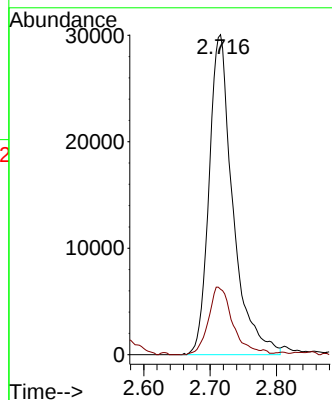
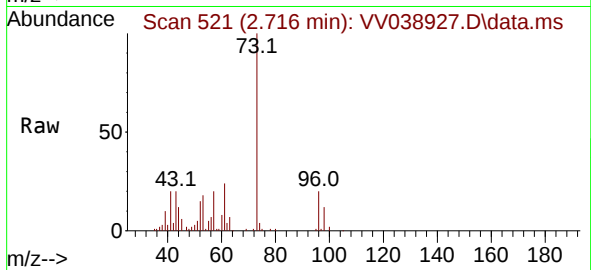
#19
Methyl tert-butyl Ether
Concen: 4.893 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 74809
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6

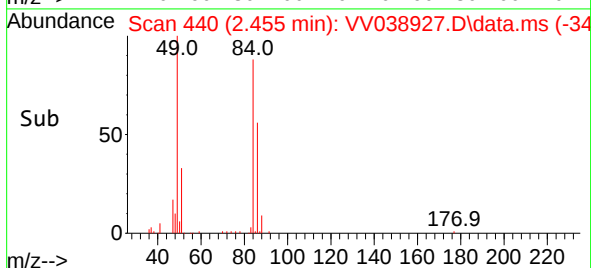
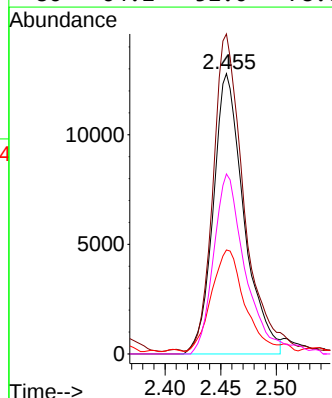
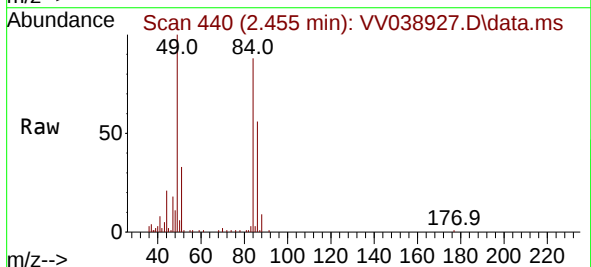
Manual Integrations
APPROVED

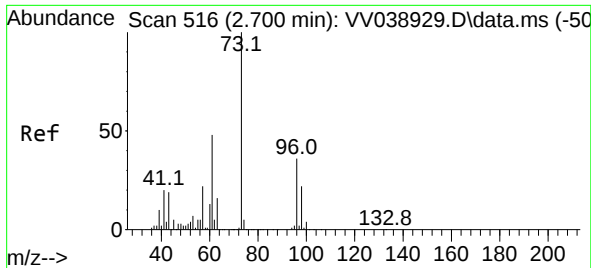
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#20
Methylene Chloride
Concen: 4.561 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

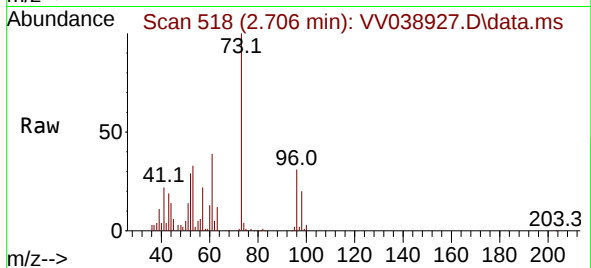
Tgt Ion: 84 Resp: 24498
Ion Ratio Lower Upper
84 100
49 112.8 91.7 137.5
51 35.9 28.3 42.5
86 64.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 4.626 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

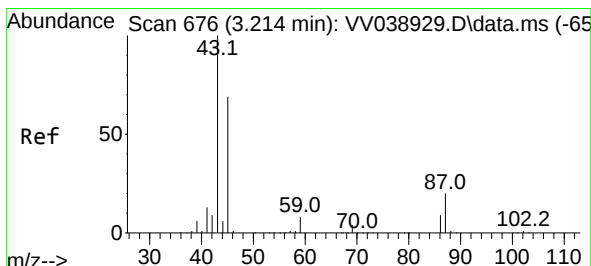
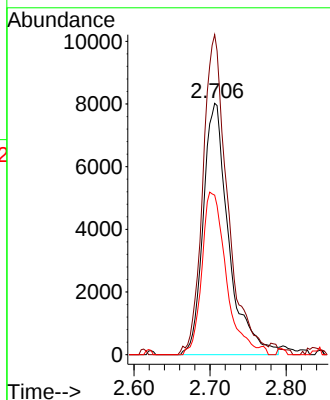
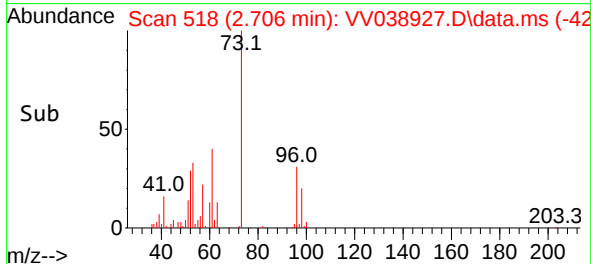
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1868
Ion Ratio Lower Upper
96 100
61 127.3 106.2 159.4
98 63.4 49.8 74.8

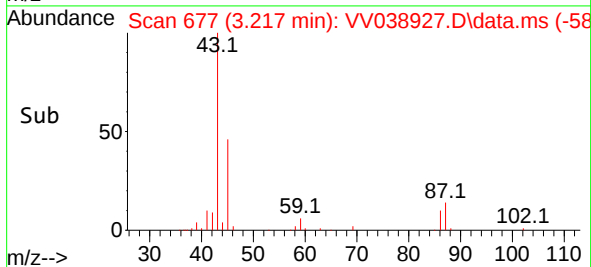
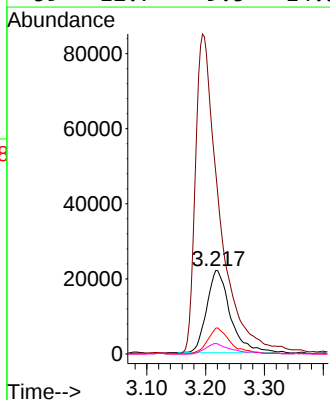
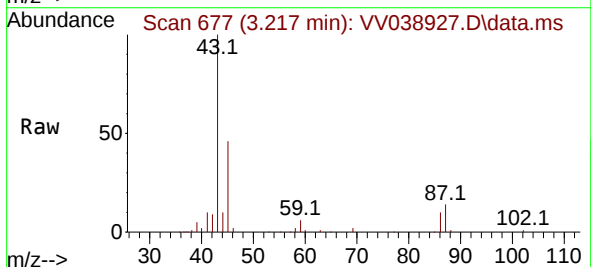
Manual Integrations
APPROVED

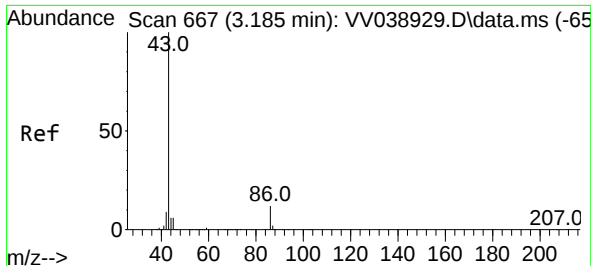
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#22
Diisopropyl ether
Concen: 4.631 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

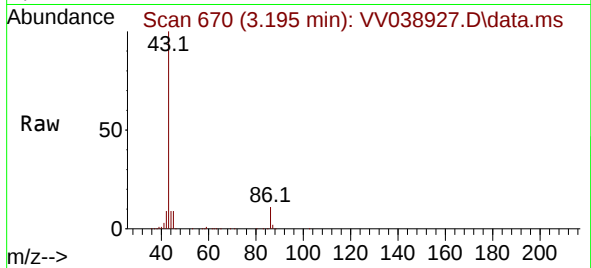
Tgt Ion: 45 Resp: 60861
Ion Ratio Lower Upper
45 100
43 219.9 115.3 172.9#
87 31.3 23.8 35.6
59 12.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 24.589 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

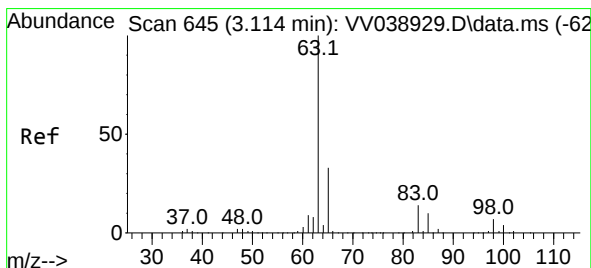
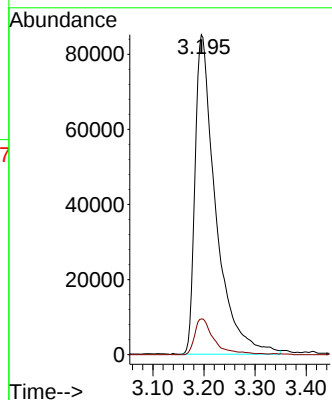
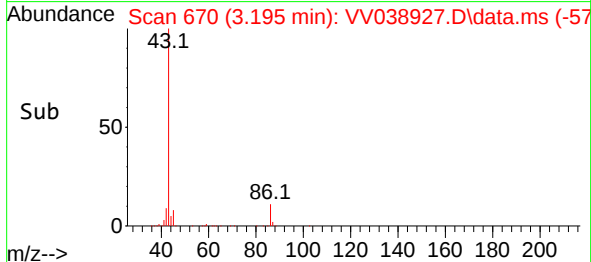
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005



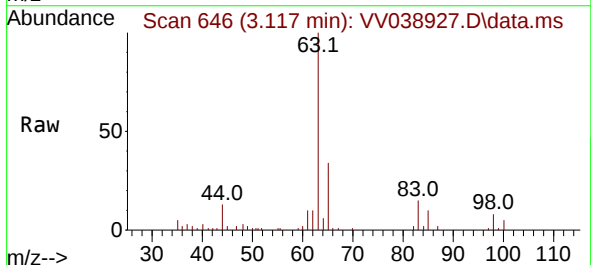
Tgt Ion: 43 Resp: 240038
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.5 14.3

Manual Integrations
 APPROVED

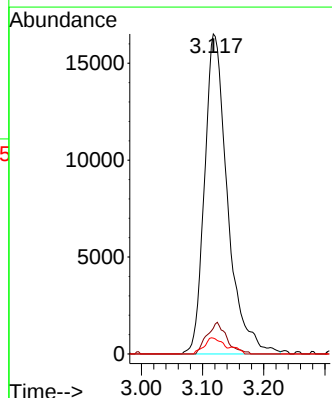
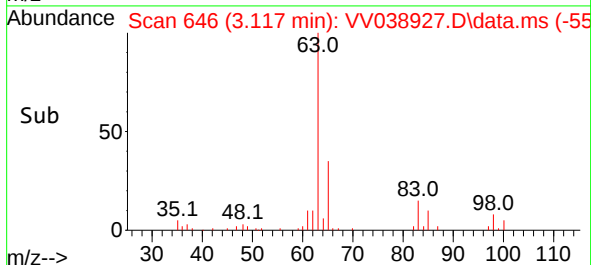
Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

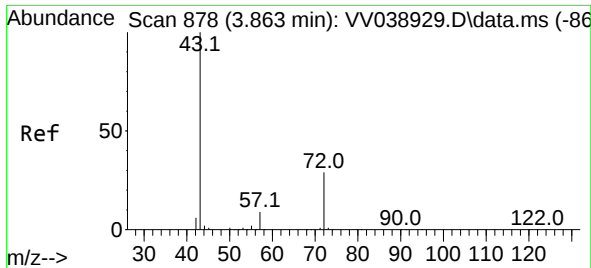


#24
 1,1-Dichloroethane
 Concen: 5.128 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35



Tgt Ion: 63 Resp: 43221
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 5.0 2.2 6.6





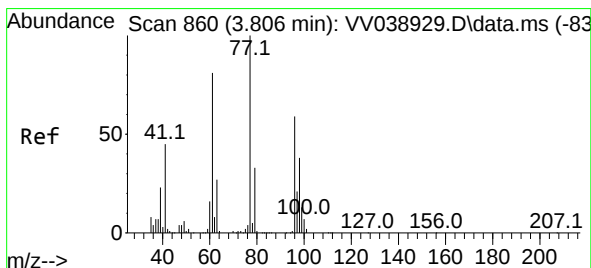
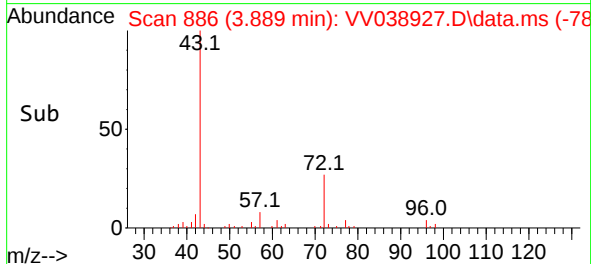
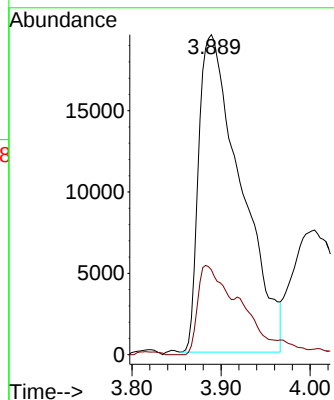
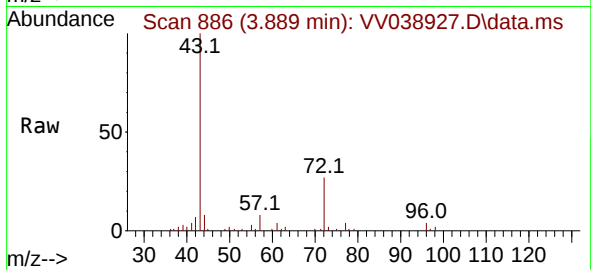
#25
2-Butanone
Concen: 21.777 ug/l
RT: 3.889 min Scan# 886
Delta R.T. 0.026 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
72 26.7 23.5 35.3

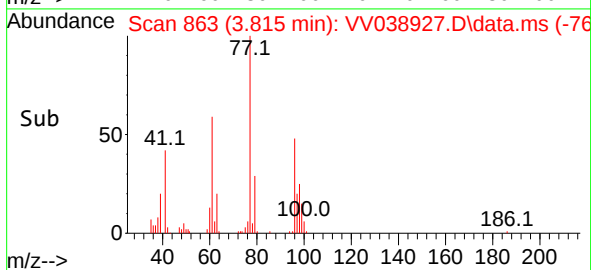
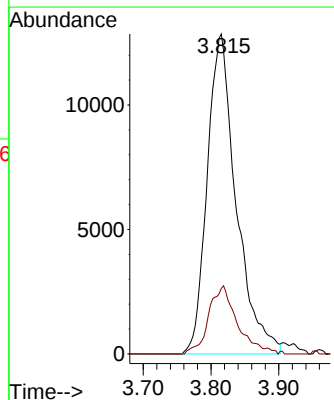
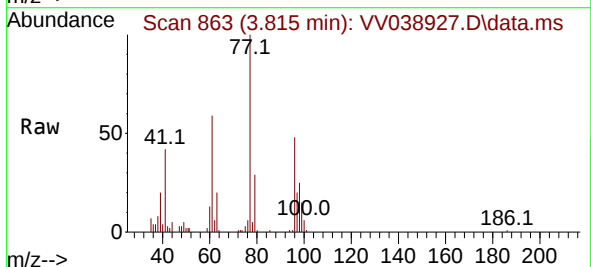
Manual Integrations
APPROVED

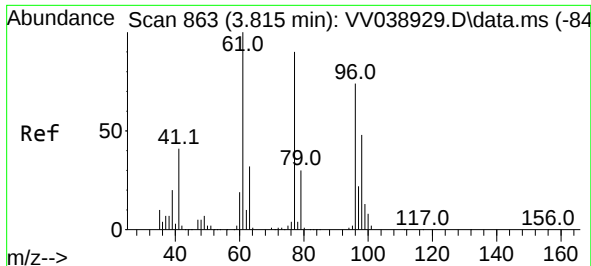
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#26
2,2-Dichloropropane
Concen: 5.111 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 77 Resp: 38171
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 4.736 ug/l m

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

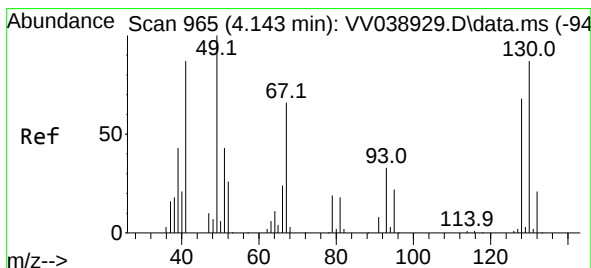
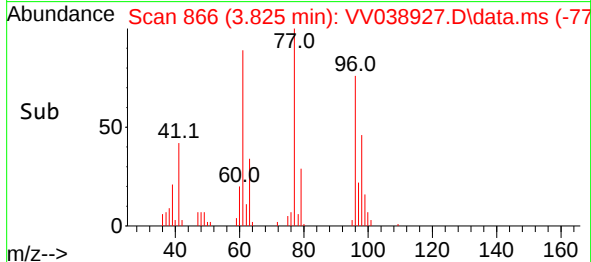
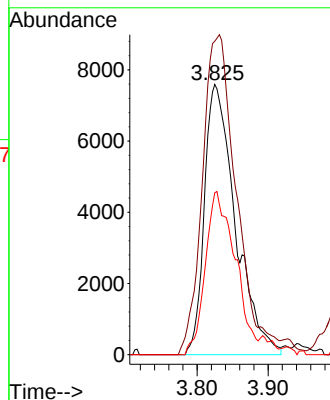
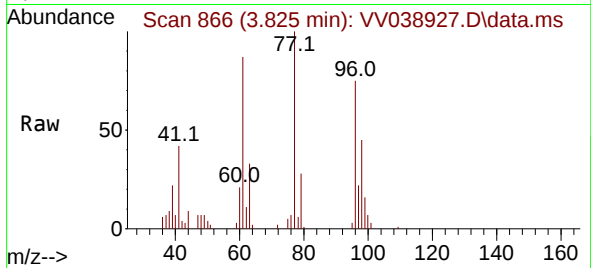
VSTDICC005

Tgt Ion: 96	Resp: 2304
Ion Ratio	Lower Upper
96 100	
61 129.3	0.0 270.4
98 58.1	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#28

Bromochloromethane

Concen: 6.085 ug/l

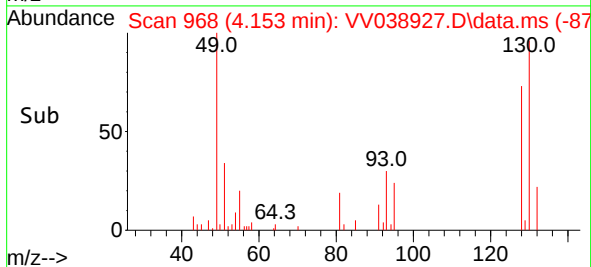
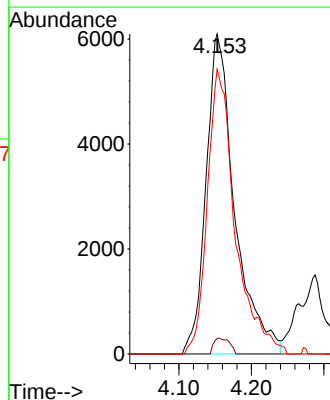
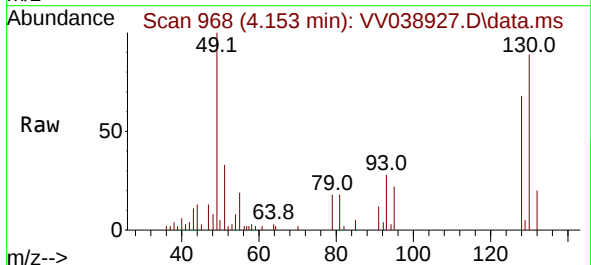
RT: 4.153 min Scan# 968

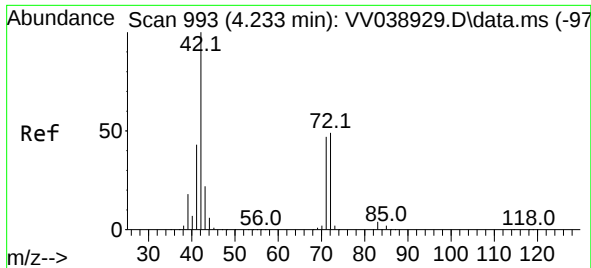
Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

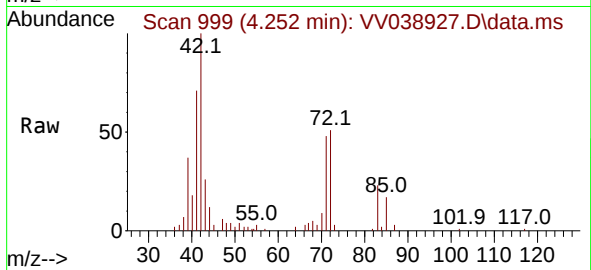
Tgt Ion: 49	Resp: 16769
Ion Ratio	Lower Upper
49 100	
129 2.7	0.0 3.4
130 86.1	70.9 106.3





#29
Tetrahydrofuran
Concen: 20.701 ug/l
RT: 4.252 min Scan# 999
Delta R.T. 0.019 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

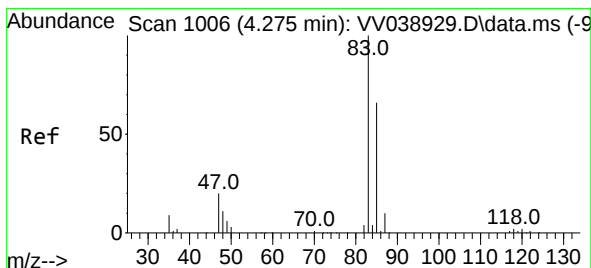
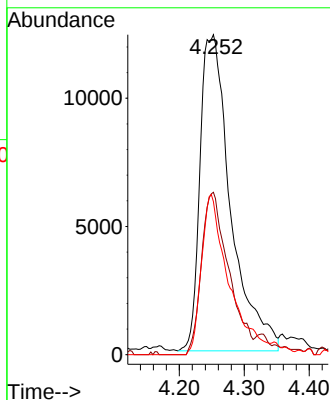
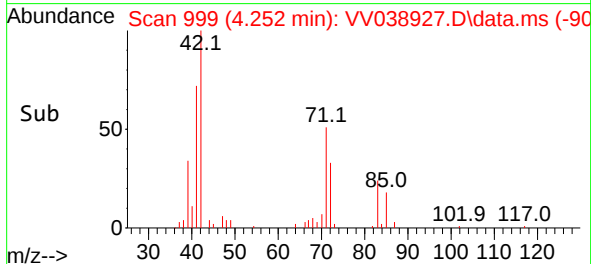
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



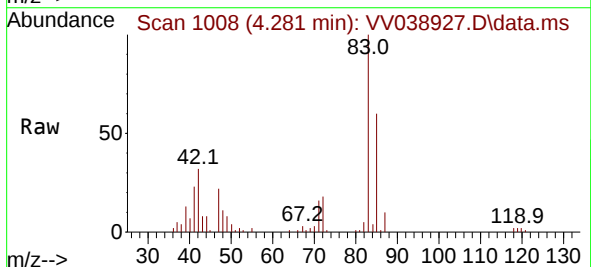
Tgt Ion: 42 Resp: 4051
Ion Ratio Lower Upper
42 100
72 45.6 39.9 59.9
71 45.2 37.4 56.0

Manual Integrations
APPROVED

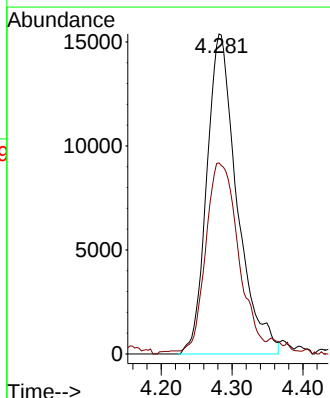
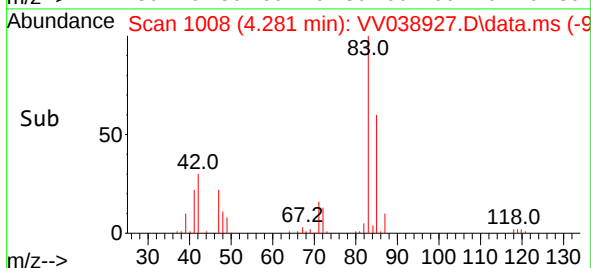
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

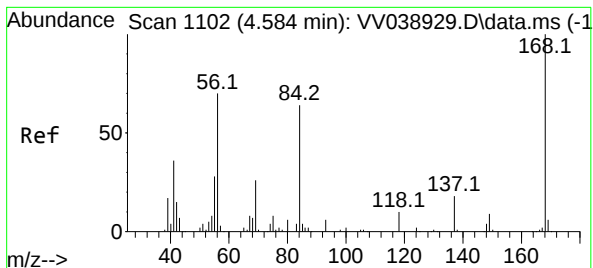


#30
Chloroform
Concen: 4.968 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35



Tgt Ion: 83 Resp: 45559
Ion Ratio Lower Upper
83 100
85 58.8 53.0 79.6





#31

Cyclohexane

Concen: 5.336 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 27699

Ion Ratio Lower Upper

56 100

69 84.5 30.2 45.2

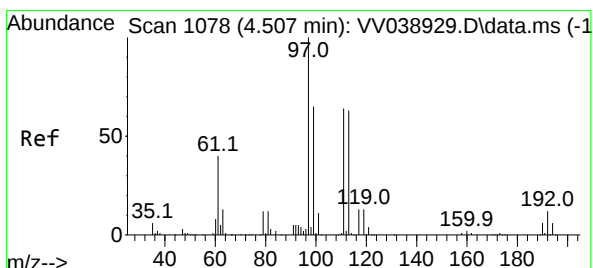
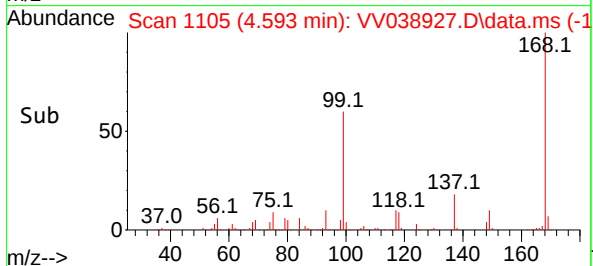
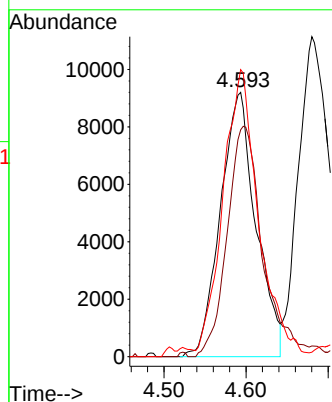
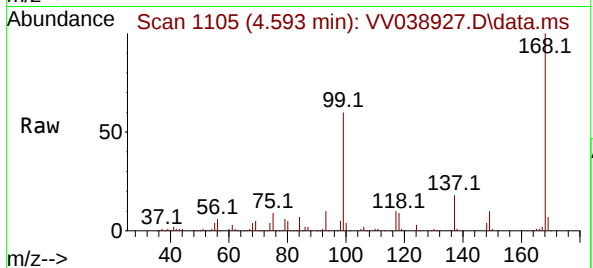
84 105.6 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025

Supervised By :Semsettin Yesilyurt 08/12/2025



#32

1,1,1-Trichloroethane

Concen: 4.974 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

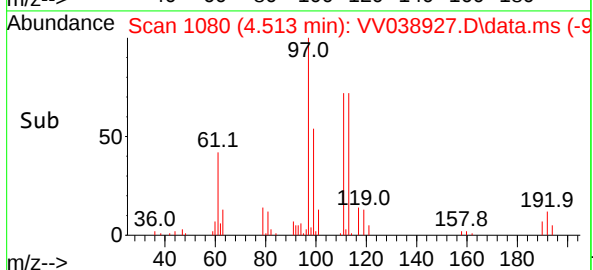
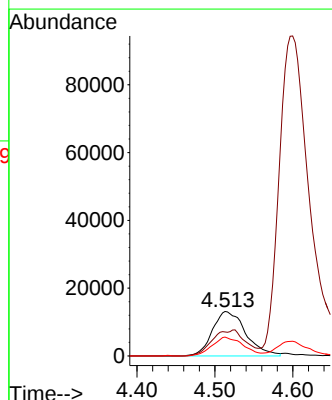
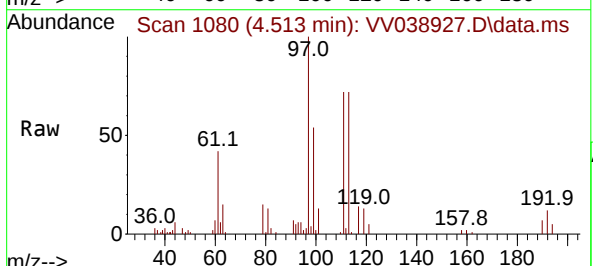
Tgt Ion: 97 Resp: 39234

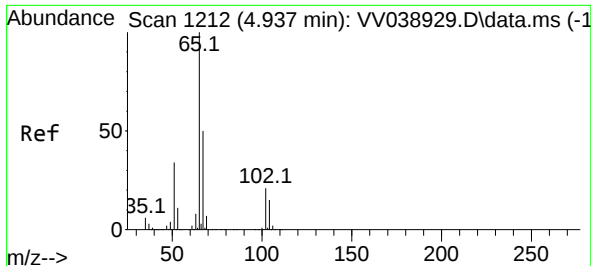
Ion Ratio Lower Upper

97 100

99 29.0 49.8 74.6

61 39.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 5.142 ug/l

RT: 4.950 min Scan# 1212

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 33230

Ion Ratio Lower Upper

65 100

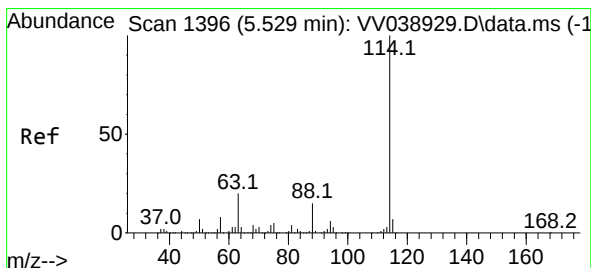
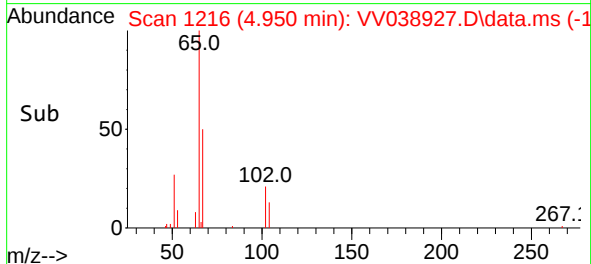
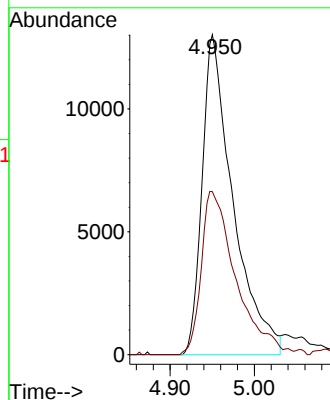
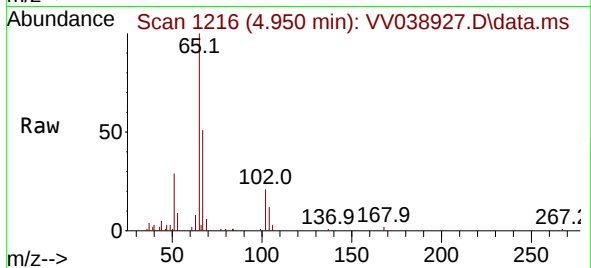
67 56.9 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025

Supervised By :Semsettin Yesilyurt 08/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

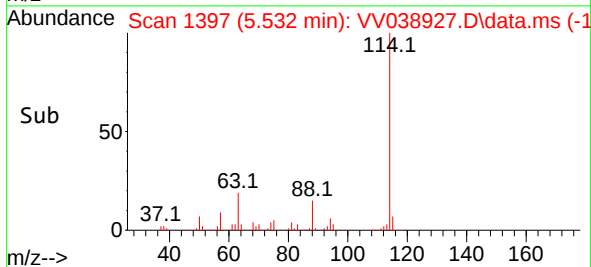
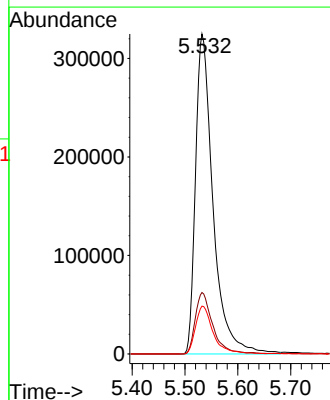
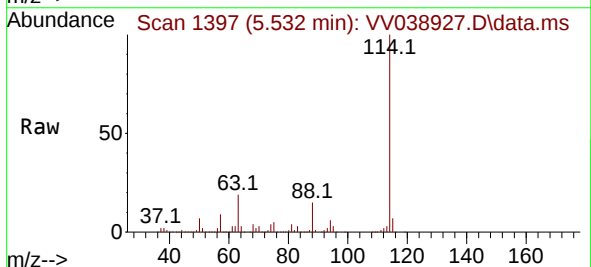
Tgt Ion:114 Resp: 747562

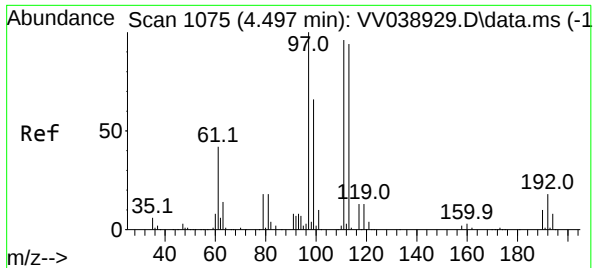
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

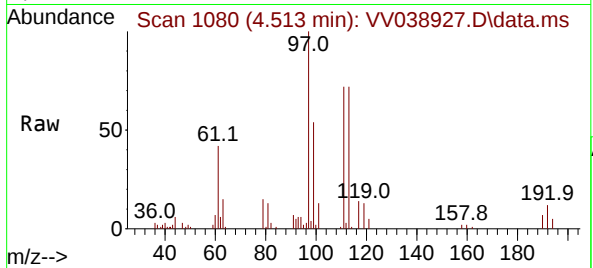
88 14.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 4.901 ug/l
RT: 4.513 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

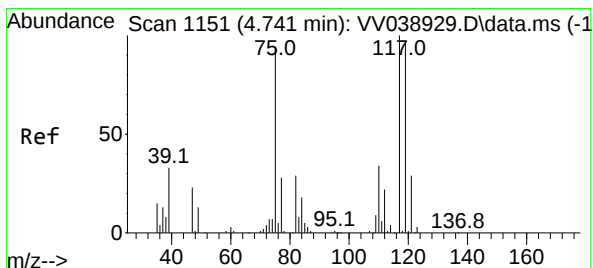
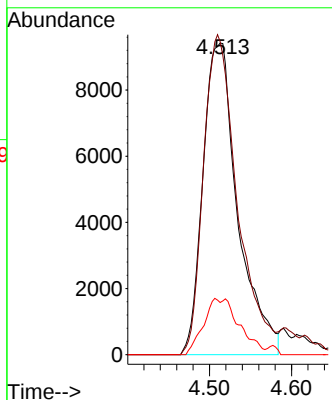
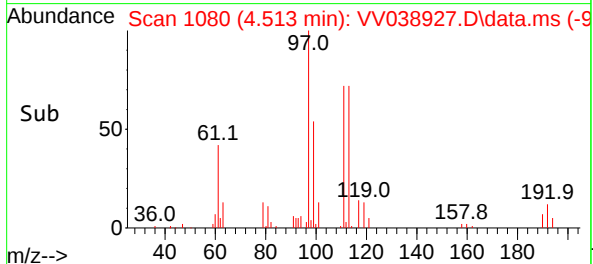
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 27794
Ion Ratio Lower Upper
113 100
111 99.8 82.2 123.2
192 8.9 14.9 22.3

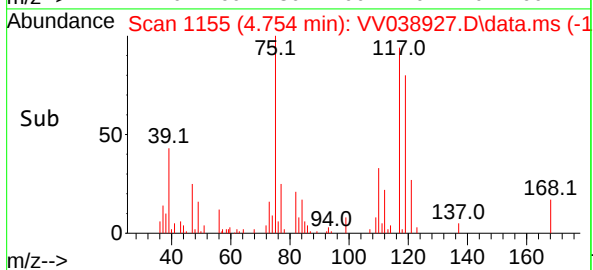
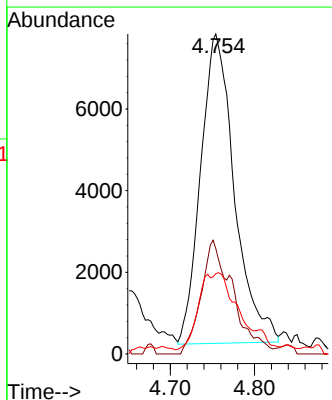
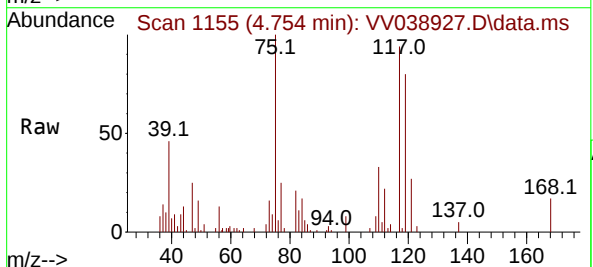
Manual Integrations
APPROVED

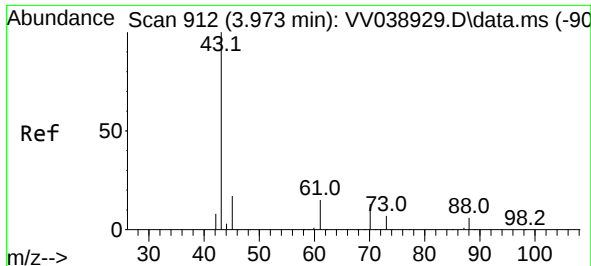
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 4.754 min Scan# 1155
Delta R.T. 0.013 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 75 Resp: 21072
Ion Ratio Lower Upper
75 100
110 34.8 19.5 58.5
77 9.8 25.0 37.6





#37

Ethyl Acetate

Concen: 5.279 ug/l m

RT: 4.005 min Scan# 912

Delta R.T. 0.032 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

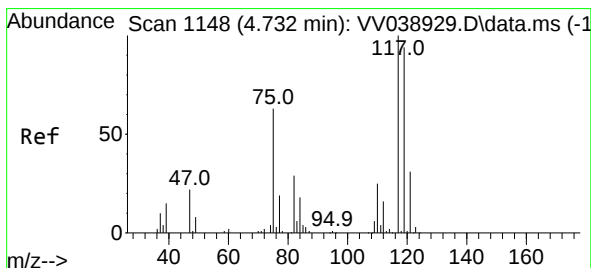
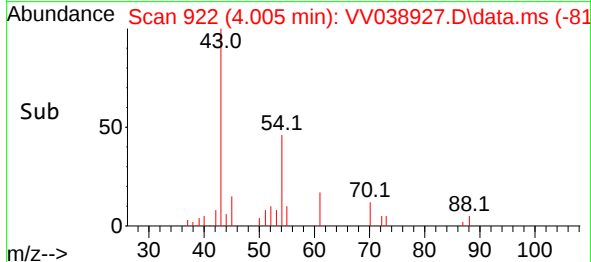
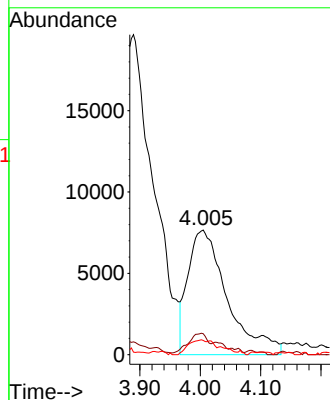
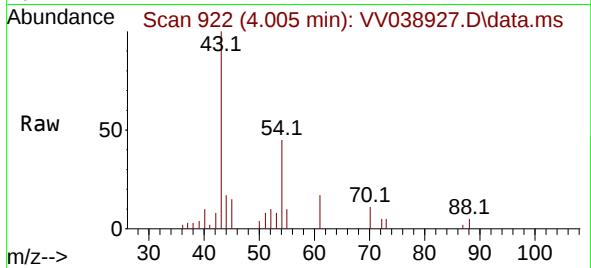
VSTDIC005

Tgt Ion: 43	Resp: 34679
Ion Ratio	Lower Upper
43 100	
61 7.6	12.0 18.0
70 5.5	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#38

Carbon Tetrachloride

Concen: 4.435 ug/l

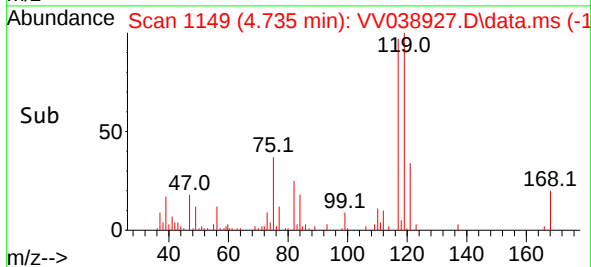
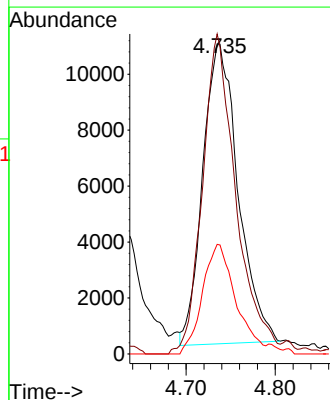
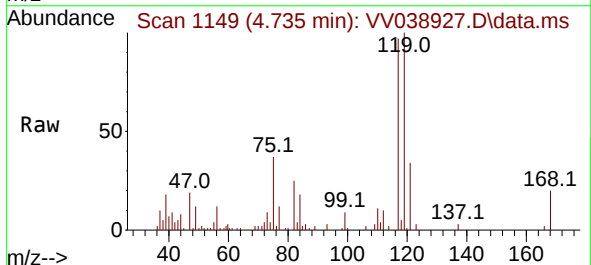
RT: 4.735 min Scan# 1149

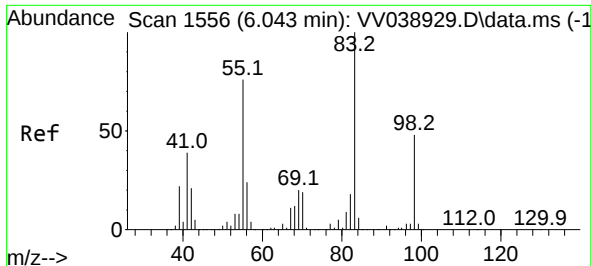
Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:117	Resp: 29607
Ion Ratio	Lower Upper
117 100	
119 104.8	74.9 112.3
121 36.8	24.6 36.8





#39

Methylcyclohexane

Concen: 4.110 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

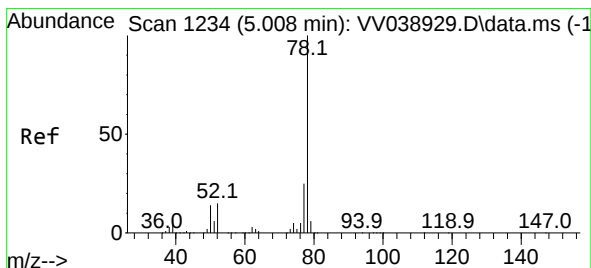
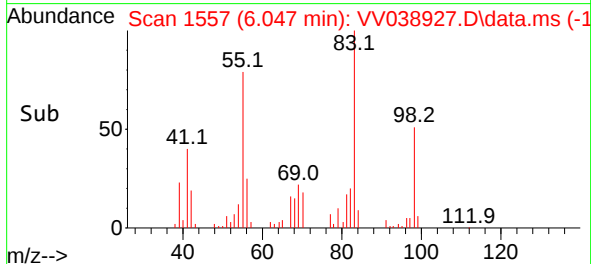
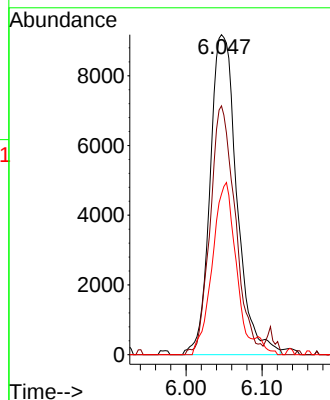
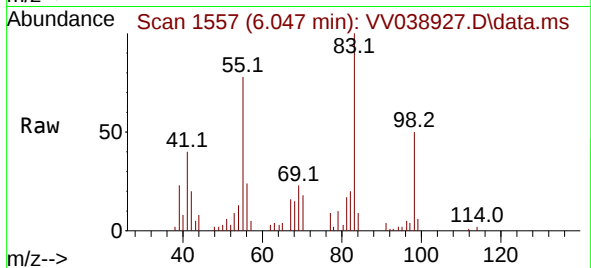
VSTDICC005

Tgt Ion: 83	Resp: 22490
Ion Ratio	Lower Upper
83 100	
55 77.8	60.8 91.2
98 50.2	38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#40

Benzene

Concen: 4.426 ug/l

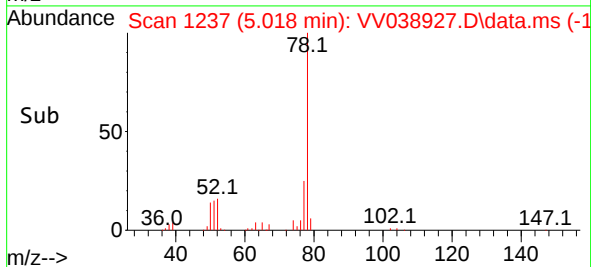
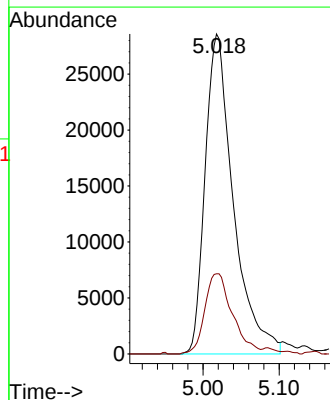
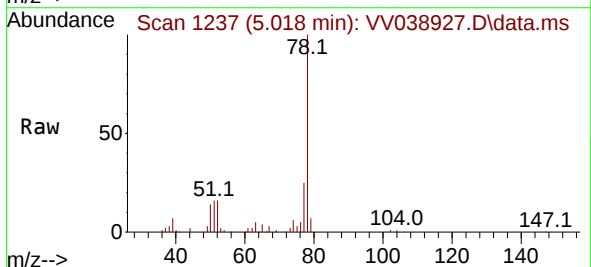
RT: 5.018 min Scan# 1237

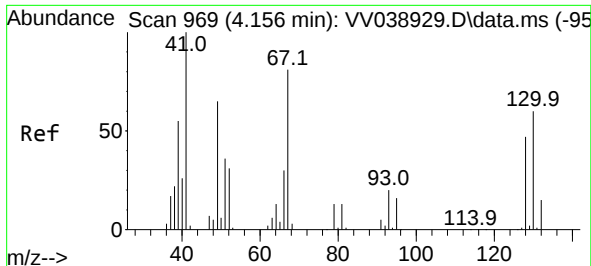
Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

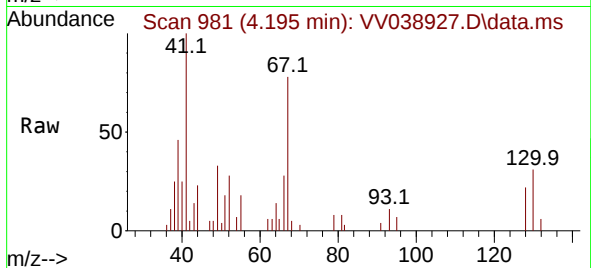
Tgt Ion: 78	Resp: 73643
Ion Ratio	Lower Upper
78 100	
77 25.1	19.6 29.4





#41
Methacrylonitrile
Concen: 3.551 ug/l m
RT: 4.195 min Scan# 981
Delta R.T. 0.039 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

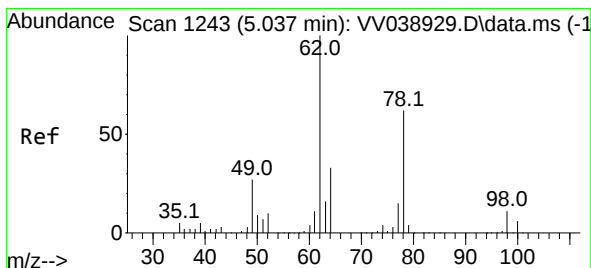
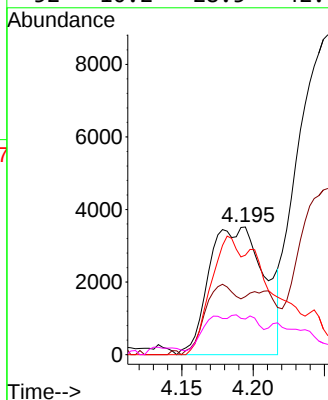
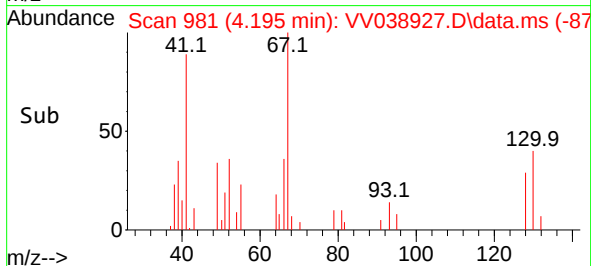
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 957
Ion Ratio Lower Upper
41 100
39 32.7 41.8 62.6
67 48.3 72.6 109.0
52 10.2 28.5 42.7#

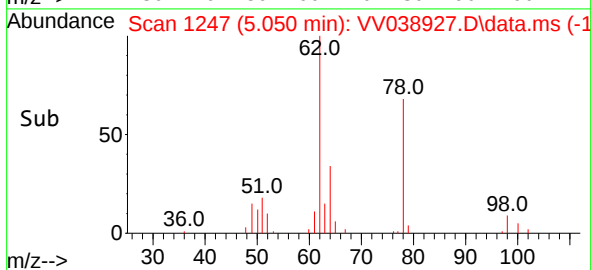
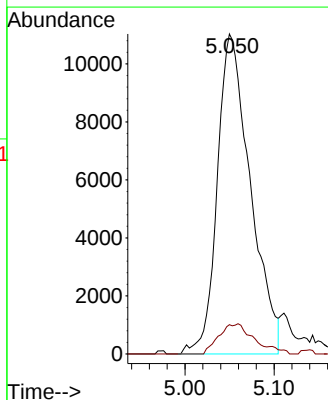
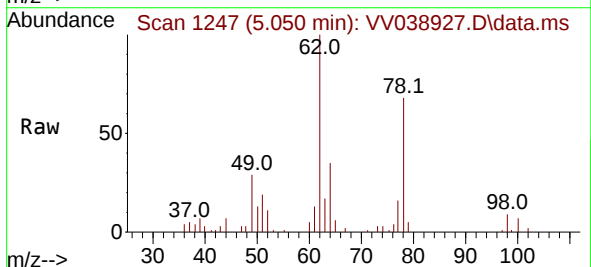
Manual Integrations
APPROVED

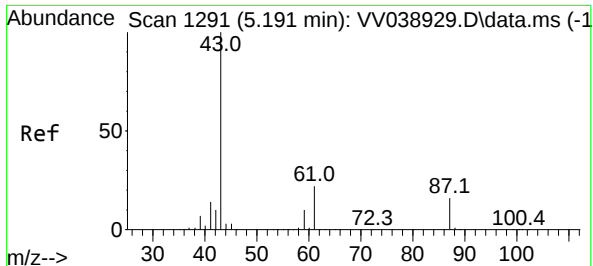
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#42
1,2-Dichloroethane
Concen: 4.404 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

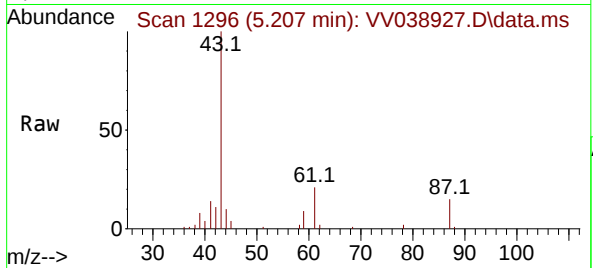
Tgt Ion: 62 Resp: 28468
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.6





#43
Isopropyl Acetate
Concen: 4.224 ug/l
RT: 5.207 min Scan# 1291
Delta R.T. 0.016 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

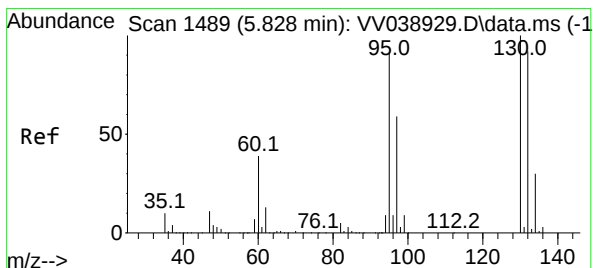
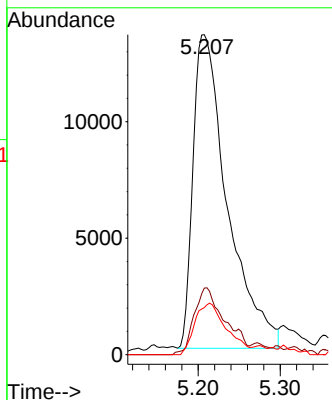
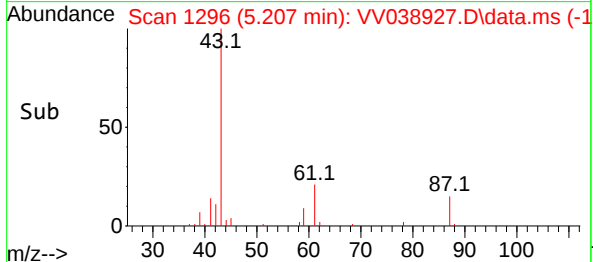
Instrument : MSVOA_V
ClientSampleId : VSTDIC005



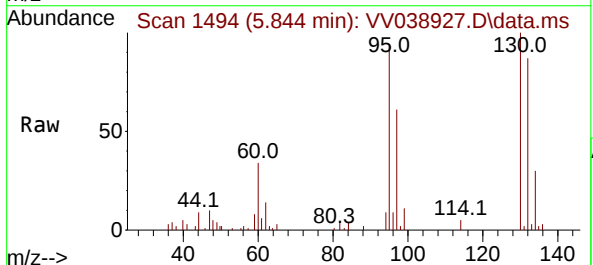
Tgt Ion: 43 Resp: 39180
Ion Ratio Lower Upper
43 100
61 19.3 17.0 25.6
87 15.3 12.2 18.4

Manual Integrations
APPROVED

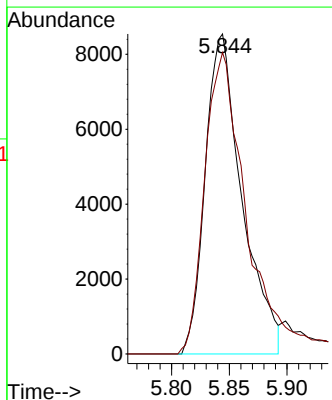
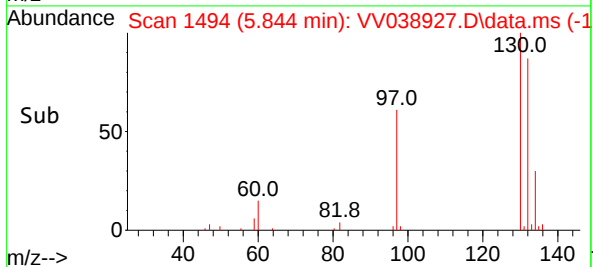
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025

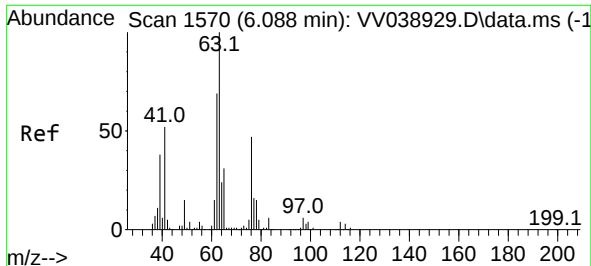


#44
Trichloroethene
Concen: 4.314 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35



Tgt Ion:130 Resp: 18886
Ion Ratio Lower Upper
130 100
95 94.2 0.0 181.2





#45

1,2-Dichloropropane

Concen: 4.056 ug/l

RT: 6.101 min Scan# 1574

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1825

Ion Ratio Lower Upper

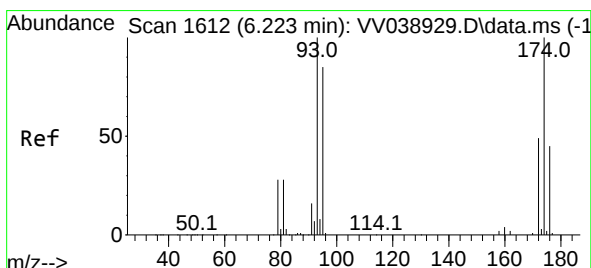
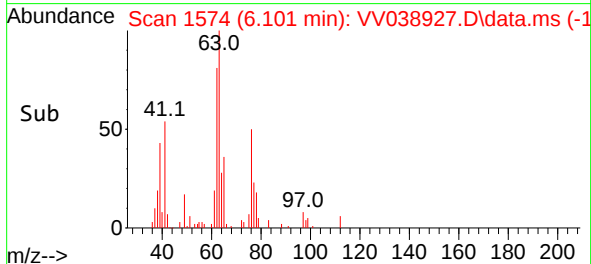
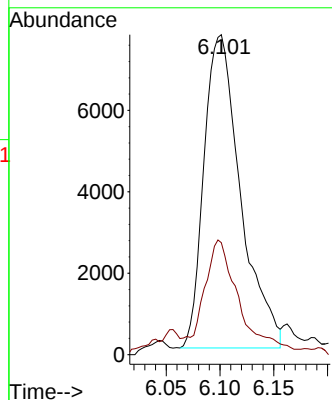
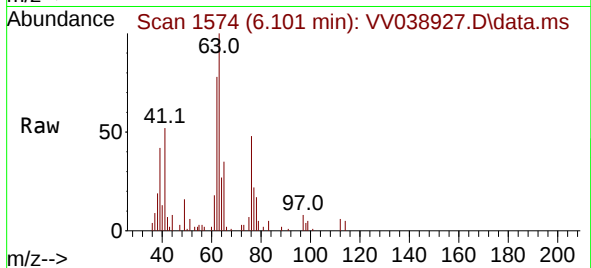
63 100

65 32.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#46

Dibromomethane

Concen: 4.483 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

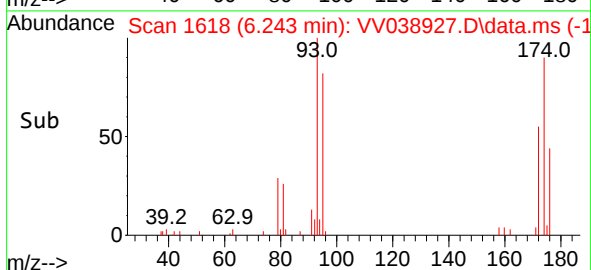
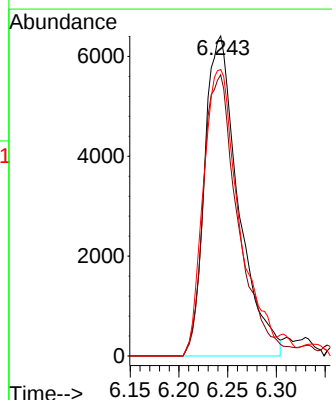
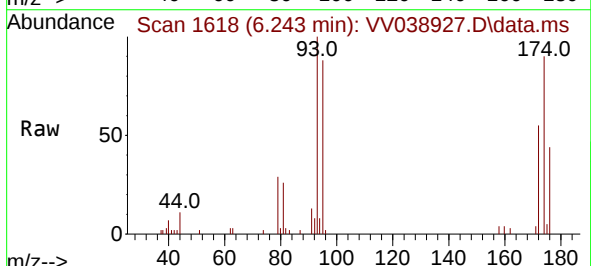
Tgt Ion: 93 Resp: 15420

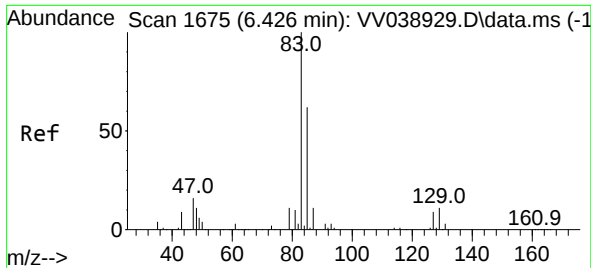
Ion Ratio Lower Upper

93 100

95 89.9 67.8 101.6

174 95.0 77.4 116.0





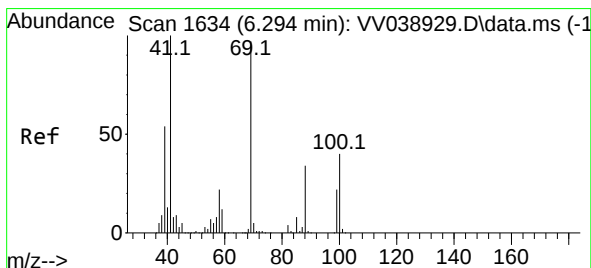
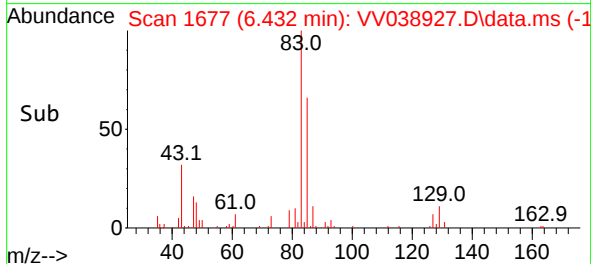
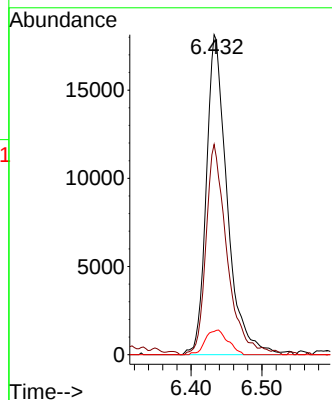
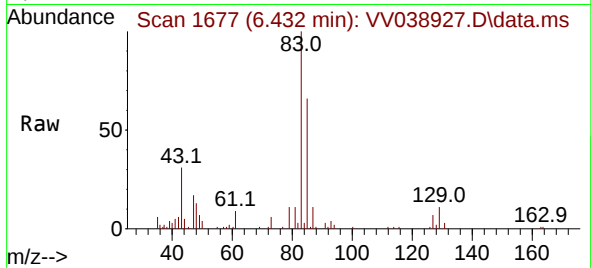
#47
Bromodichloromethane
Concen: 4.851 ug/l
RT: 6.432 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 3707
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.6
127 7.3 7.1 10.7

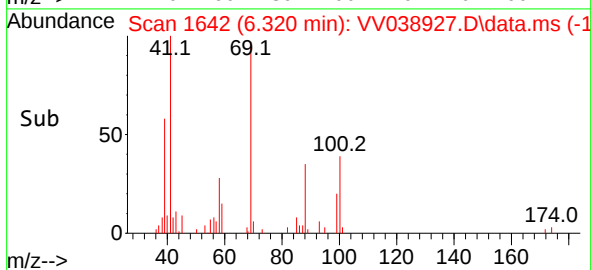
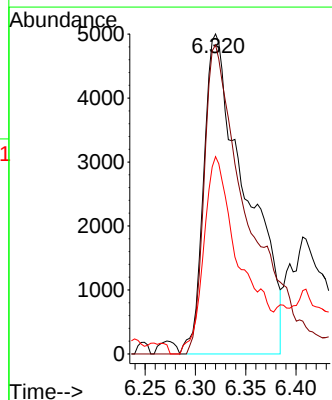
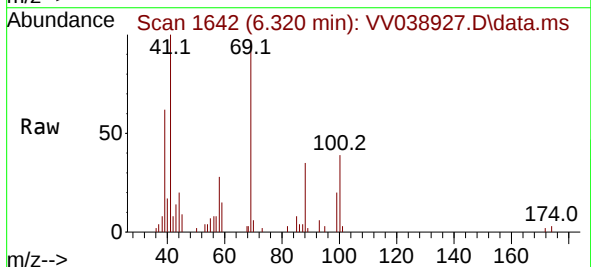
Manual Integrations
APPROVED

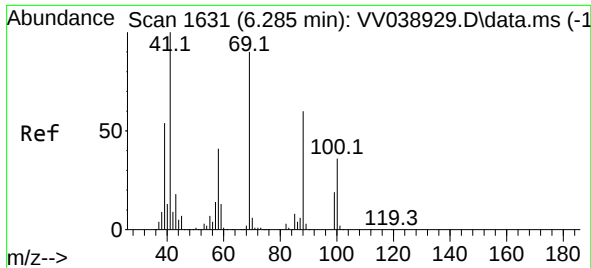
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#48
Methyl methacrylate
Concen: 3.686 ug/l
RT: 6.320 min Scan# 1642
Delta R.T. 0.026 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 41 Resp: 14584
Ion Ratio Lower Upper
41 100
69 101.2 78.4 117.6
39 53.8 43.3 64.9





#49

1,4-Dioxane

Concen: 74.052 ug/l

RT: 6.310 min Scan# 1639

Delta R.T. 0.026 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

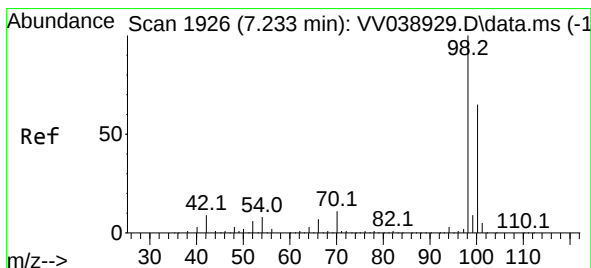
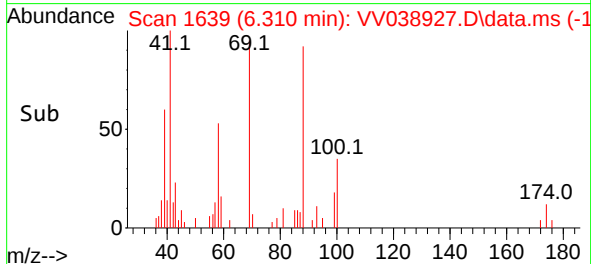
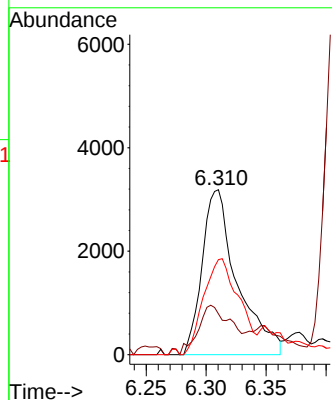
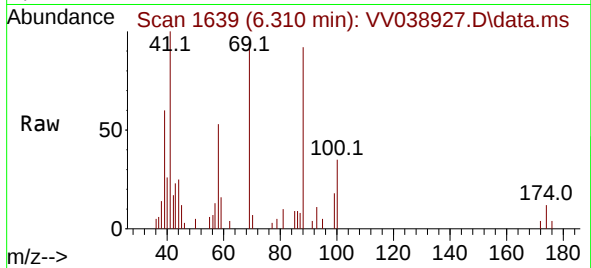
VSTDIC005

Tgt Ion: 88 Resp: 6498
 Ion Ratio Lower Upper
 88 100
 43 29.6 24.2 36.2
 58 58.8 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025



#50

Toluene-d8

Concen: 4.543 ug/l

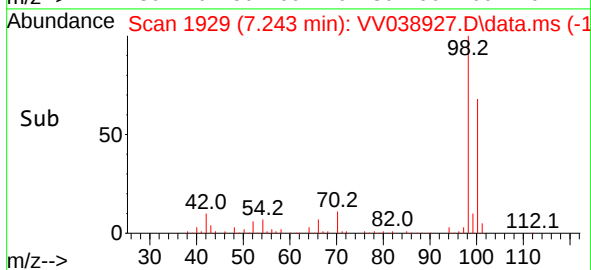
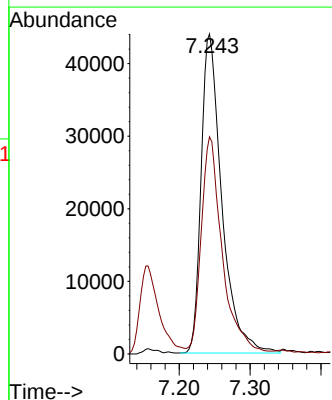
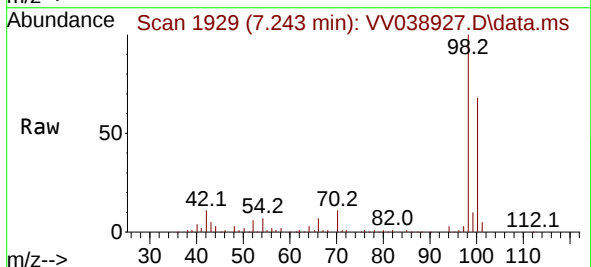
RT: 7.243 min Scan# 1929

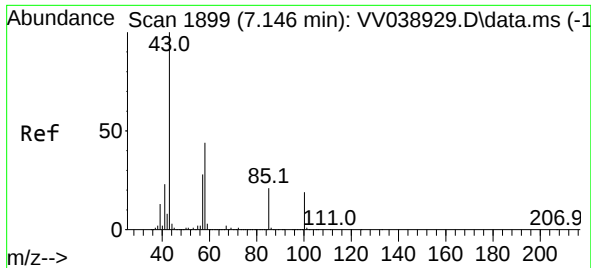
Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion: 98 Resp: 89234
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.6 78.8





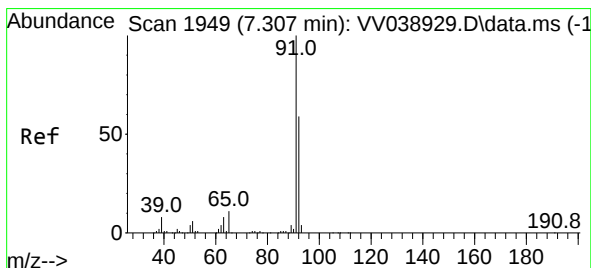
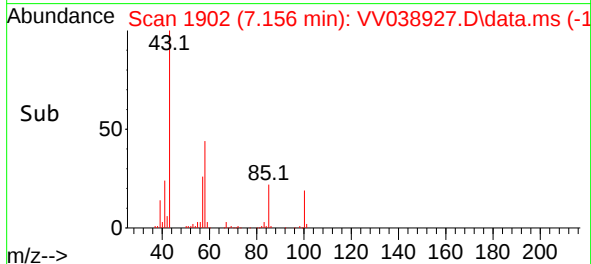
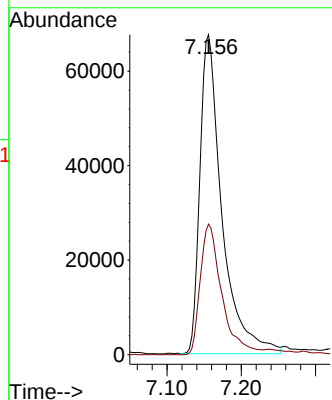
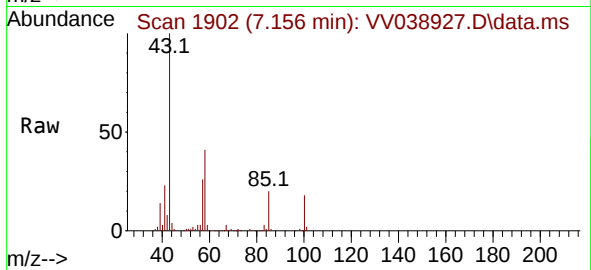
#51
4-Methyl-2-Pentanone
Concen: 21.641 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 13913
Ion Ratio Lower Upper
43 100
58 40.1 34.2 51.2

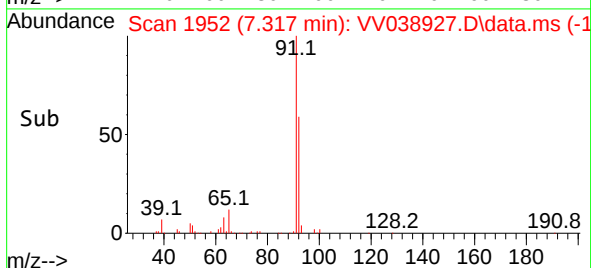
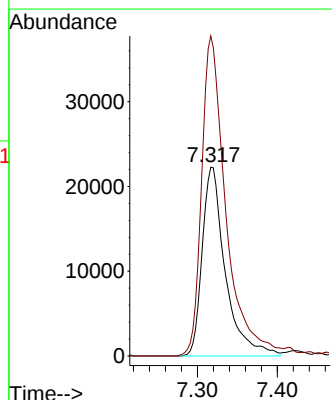
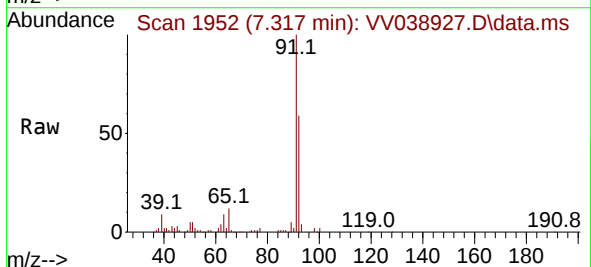
Manual Integrations
APPROVED

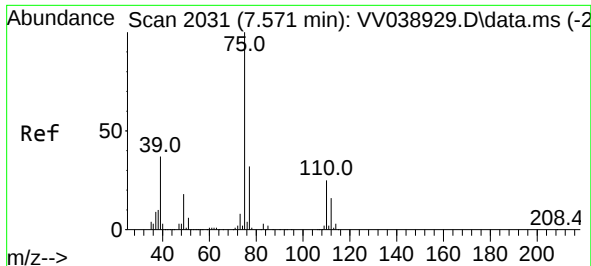
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#52
Toluene
Concen: 4.272 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 92 Resp: 44878
Ion Ratio Lower Upper
92 100
91 177.6 136.8 205.2





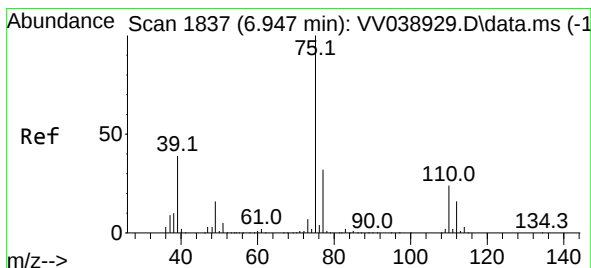
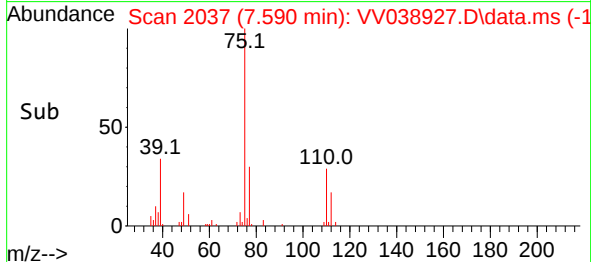
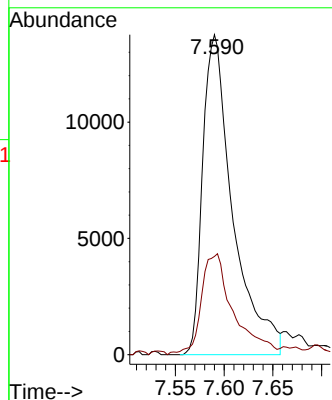
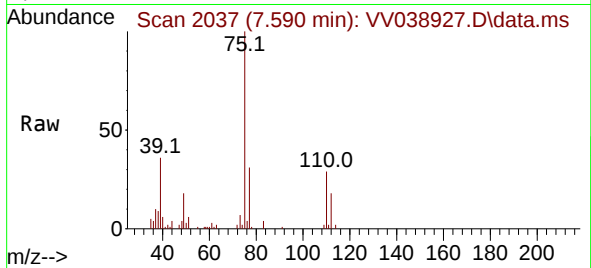
#53
 t-1,3-Dichloropropene
 Concen: 4.423 ug/l
 RT: 7.590 min Scan# 2031
 Delta R.T. 0.019 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 2956
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9

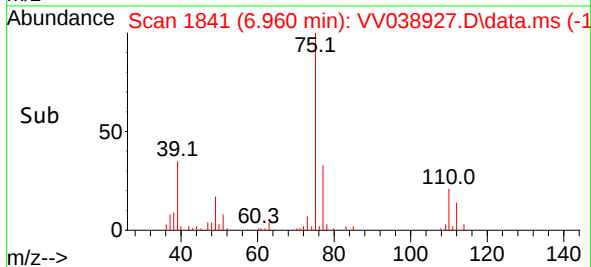
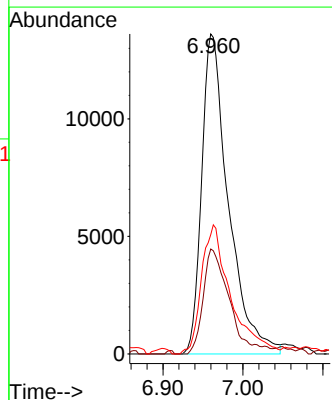
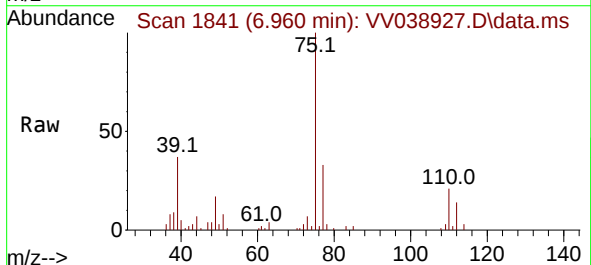
Manual Integrations
 APPROVED

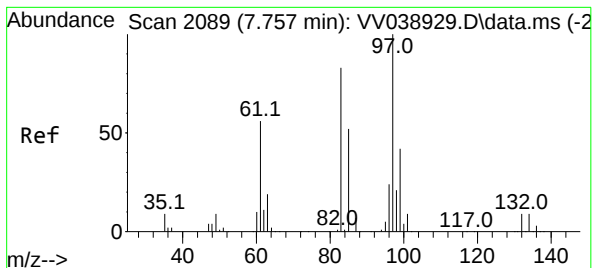
Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025



#54
 cis-1,3-Dichloropropene
 Concen: 4.338 ug/l
 RT: 6.960 min Scan# 1841
 Delta R.T. 0.013 min
 Lab File: VV038927.D
 Acq: 08 Aug 2025 10:35

Tgt Ion: 75 Resp: 31663
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8
 39 37.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 4.766 ug/l

RT: 7.767 min Scan# 2089

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 2450

Ion Ratio Lower Upper

97 100

83 90.4 66.2 99.4

85 53.1 42.9 64.3

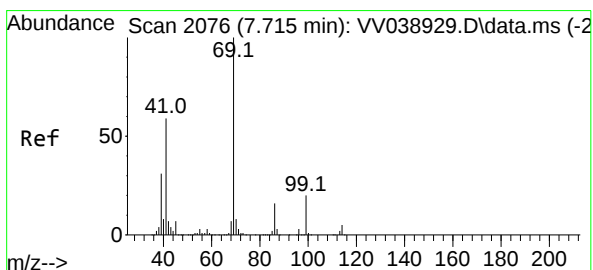
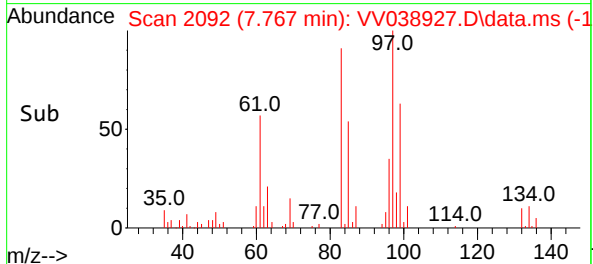
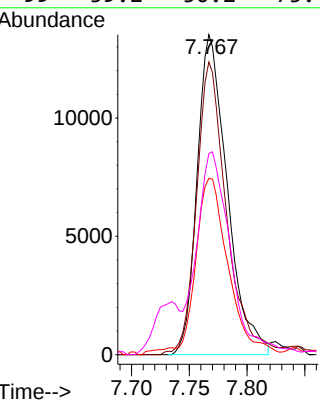
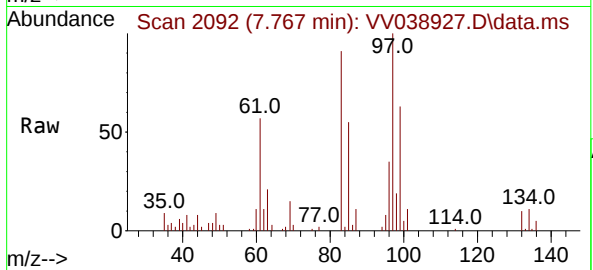
99 59.2 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025

Supervised By :Semsettin Yesilyurt 08/12/2025



#56

Ethyl methacrylate

Concen: 4.574 ug/l

RT: 7.728 min Scan# 2080

Delta R.T. 0.013 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

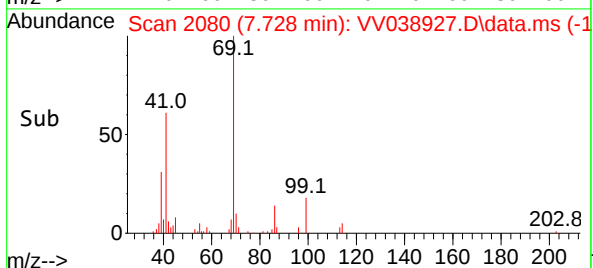
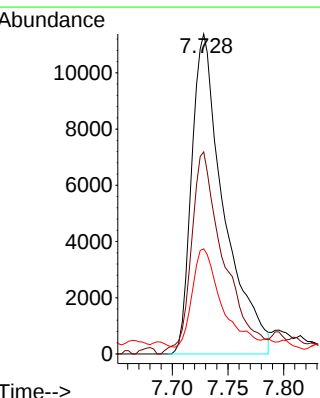
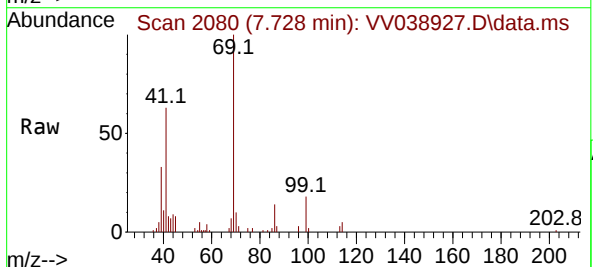
Tgt Ion: 69 Resp: 22797

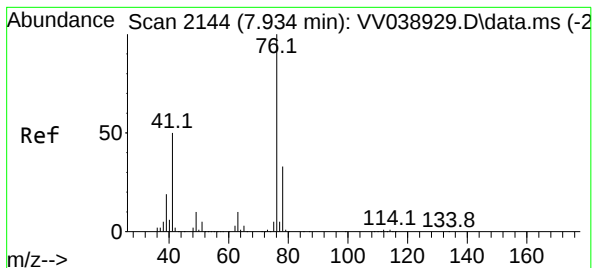
Ion Ratio Lower Upper

69 100

41 63.9 45.8 68.8

39 27.8 23.4 35.0





#57

1,3-Dichloropropane

Concen: 4.606 ug/l

RT: 7.940 min Scan# 2144

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 3621

Ion Ratio Lower Upper

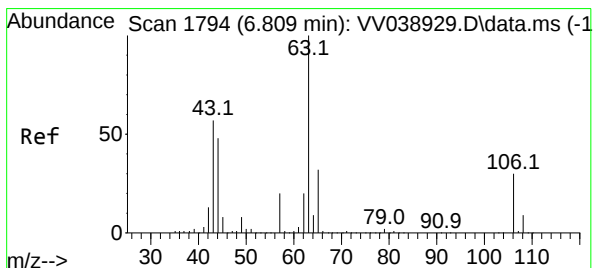
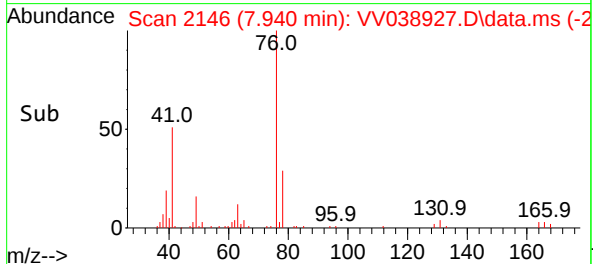
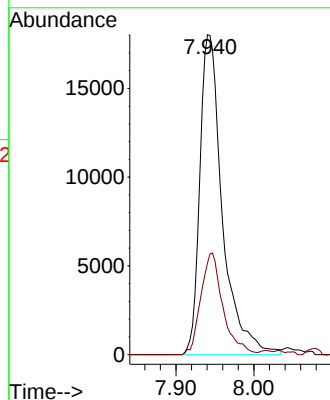
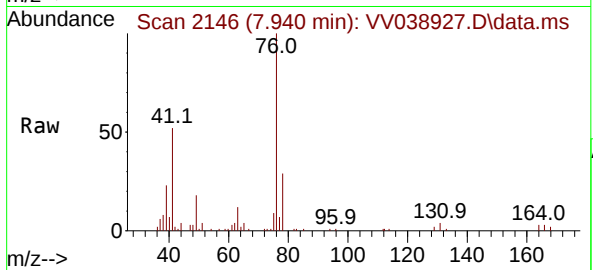
76 100

78 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 21.458 ug/l

RT: 6.822 min Scan# 1798

Delta R.T. 0.013 min

Lab File: VV038927.D

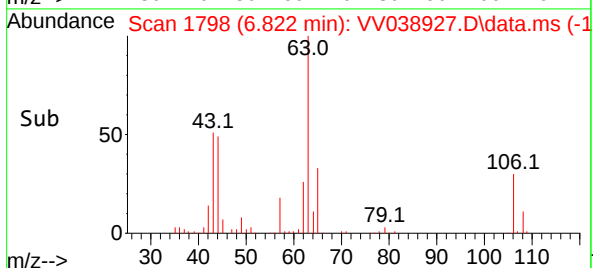
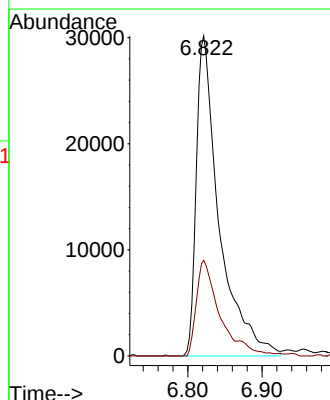
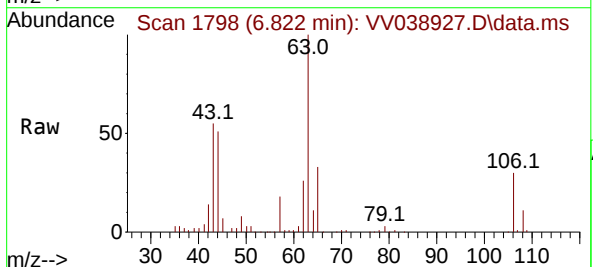
Acq: 08 Aug 2025 10:35

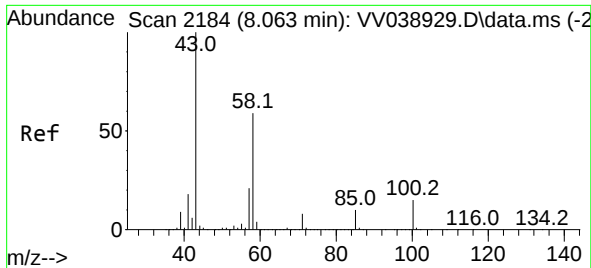
Tgt Ion: 63 Resp: 64724

Ion Ratio Lower Upper

63 100

106 30.6 24.1 36.1





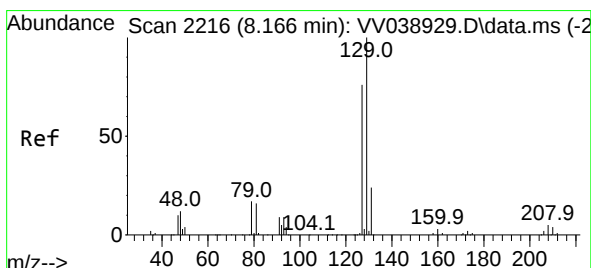
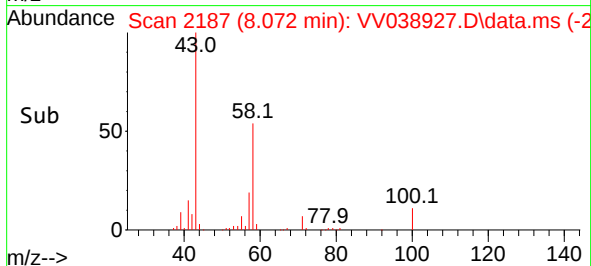
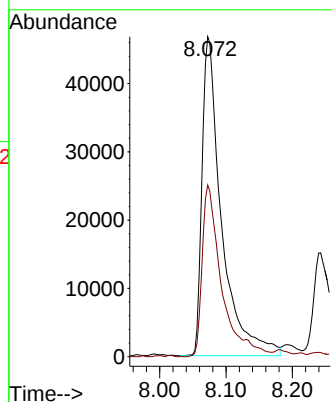
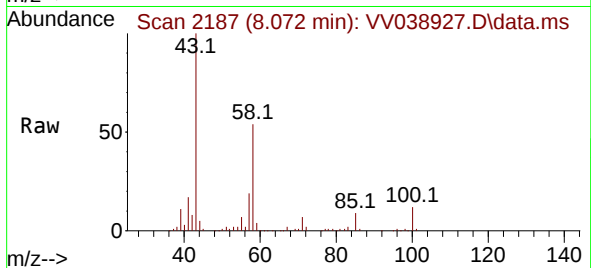
#59
2-Hexanone
Concen: 20.593 ug/l
RT: 8.072 min Scan# 2184
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 9556
Ion Ratio Lower Upper
43 100
58 53.1 29.3 87.8

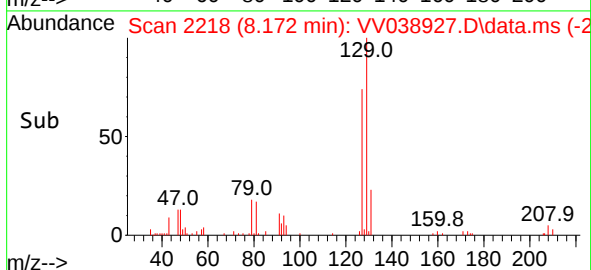
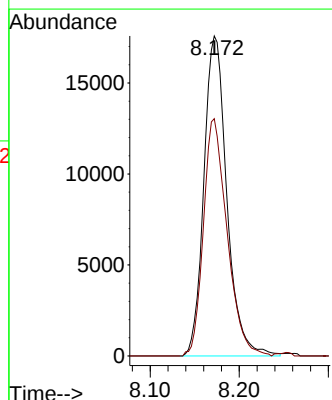
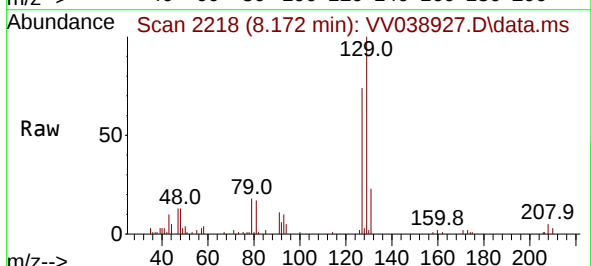
Manual Integrations
APPROVED

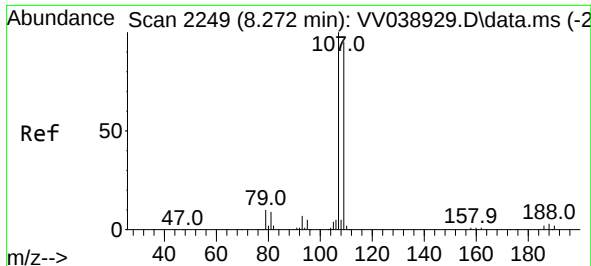
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#60
Dibromochloromethane
Concen: 5.003 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:129 Resp: 31490
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





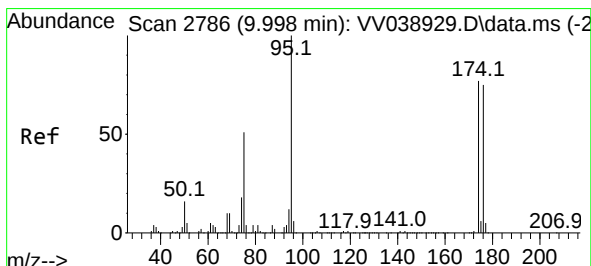
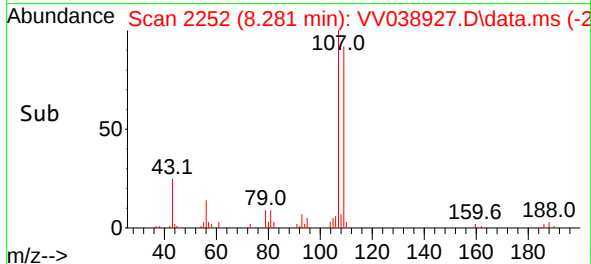
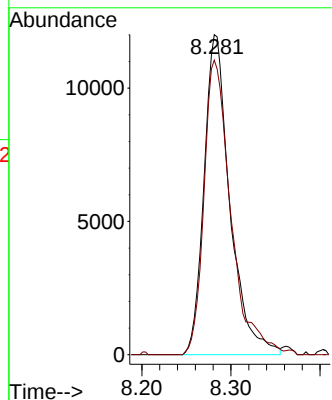
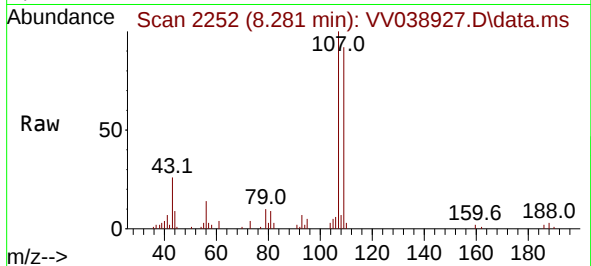
#61
1,2-Dibromoethane
Concen: 4.748 ug/l
RT: 8.281 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 24230
Ion Ratio Lower Upper
107 100
109 95.7 76.2 114.2

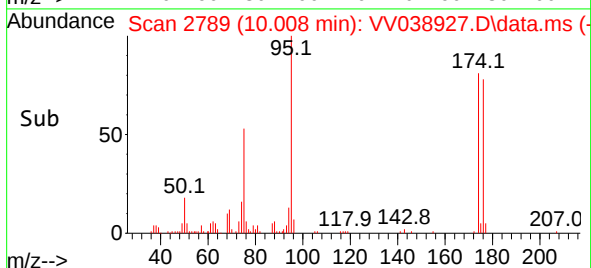
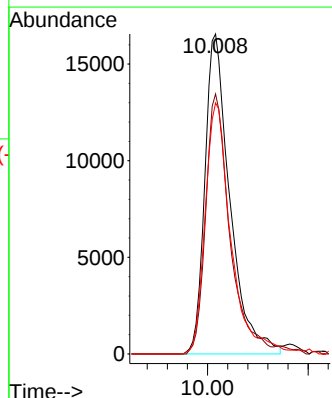
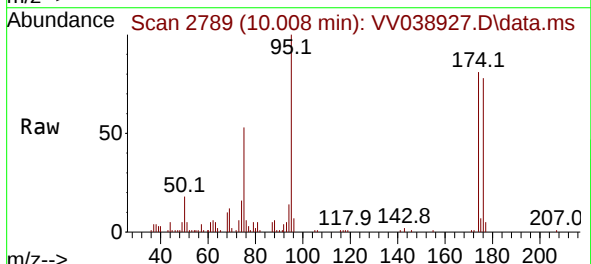
Manual Integrations
APPROVED

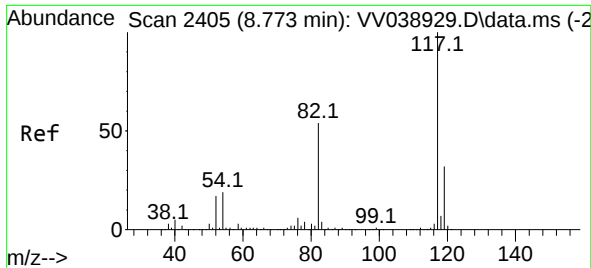
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#62
4-Bromofluorobenzene
Concen: 4.041 ug/l
RT: 10.008 min Scan# 2789
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 95 Resp: 28588
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.6
176 80.8 0.0 153.0





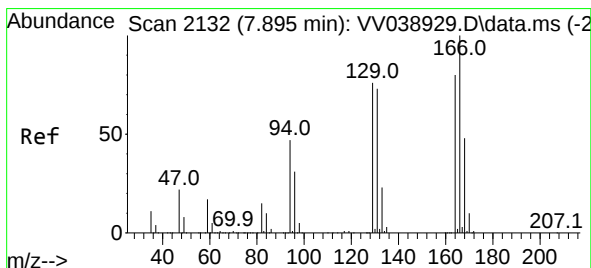
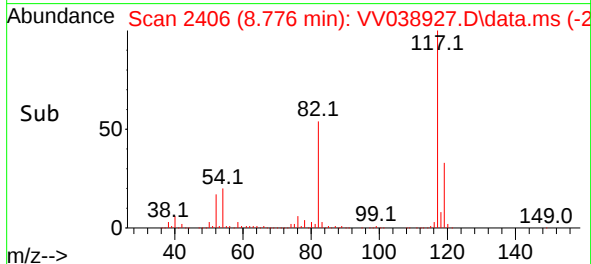
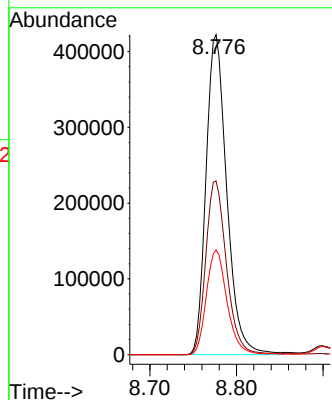
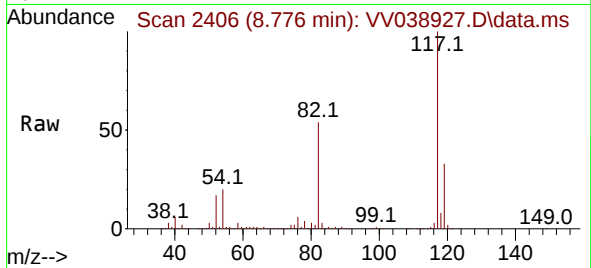
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 702018
Ion Ratio Lower Upper
117 100
82 54.3 43.2 64.8
119 32.8 25.6 38.4

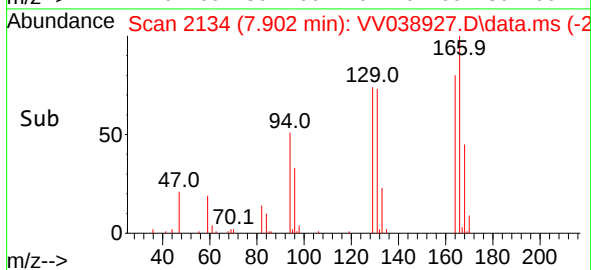
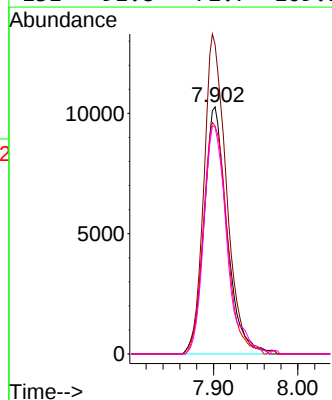
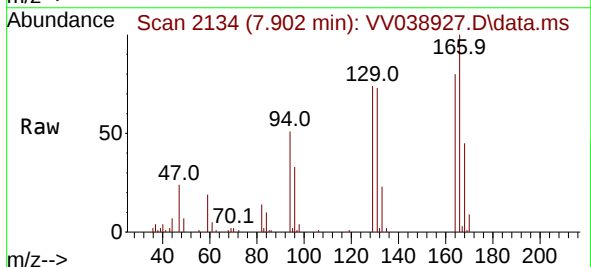
Manual Integrations
APPROVED

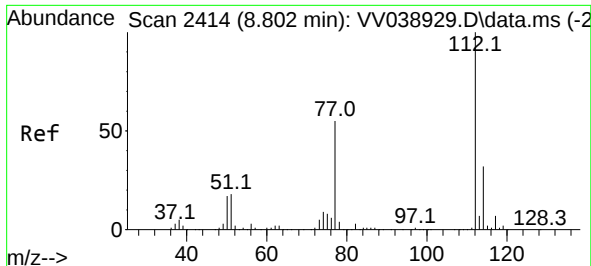
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#64
Tetrachloroethene
Concen: 4.718 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:164 Resp: 19439
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.4
129 92.3 76.7 115.1
131 91.8 72.7 109.1





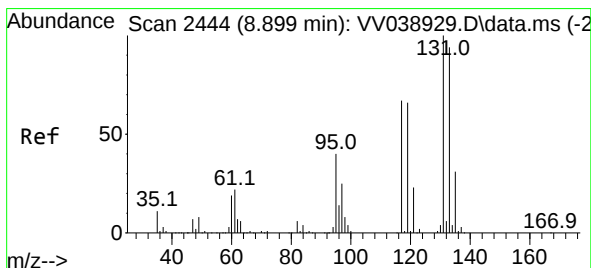
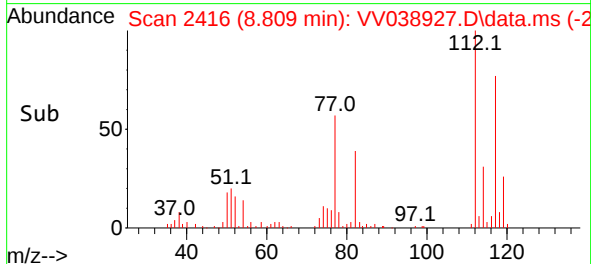
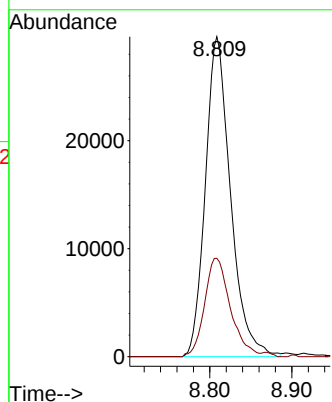
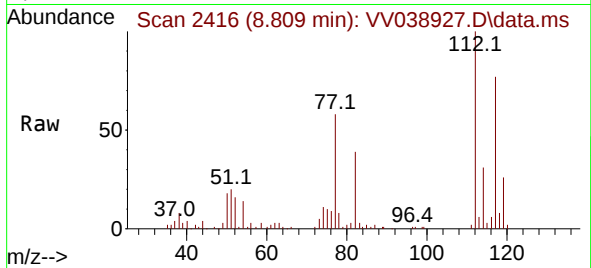
#65
Chlorobenzene
Concen: 4.607 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 6322
Ion Ratio Lower Upper
112 100
114 30.7 25.6 38.4

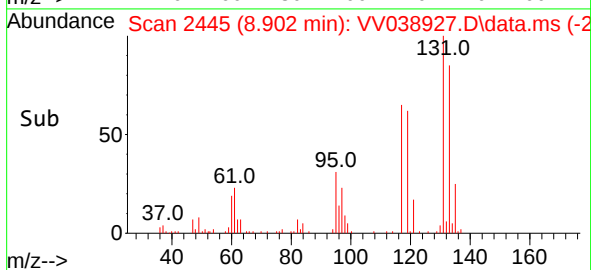
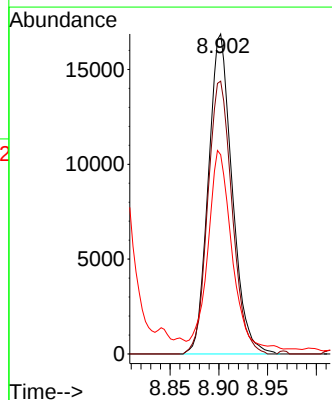
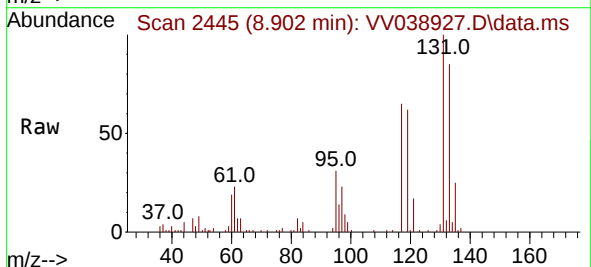
Manual Integrations
APPROVED

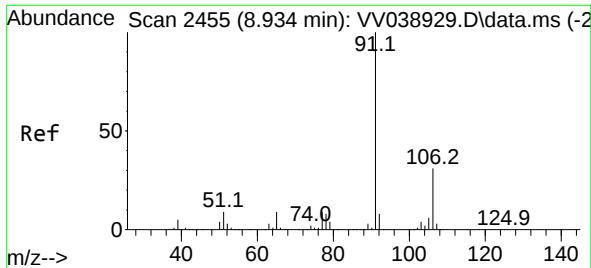
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.317 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:131 Resp: 28702
Ion Ratio Lower Upper
131 100
133 87.0 47.5 142.5
119 61.4 32.8 98.3





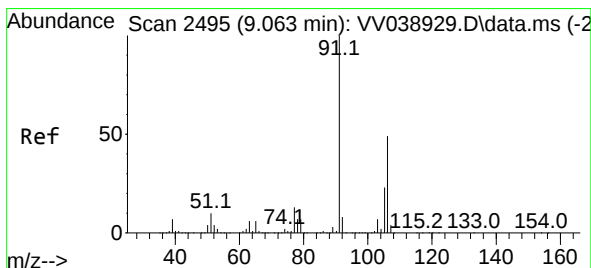
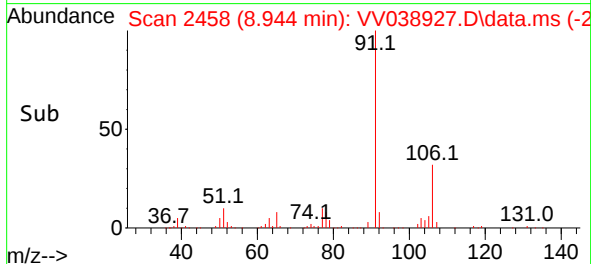
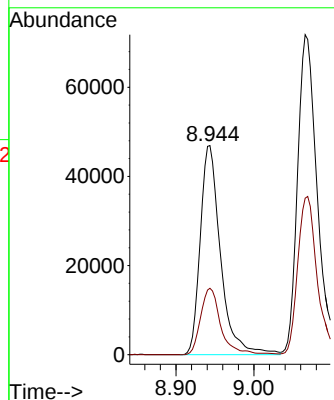
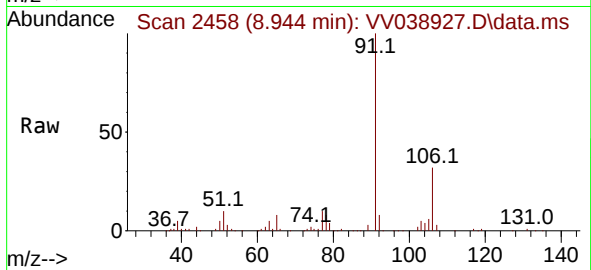
#67
Ethyl Benzene
Concen: 4.216 ug/l
RT: 8.944 min Scan# 2455
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8497
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

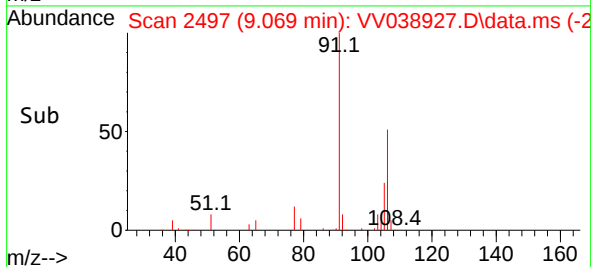
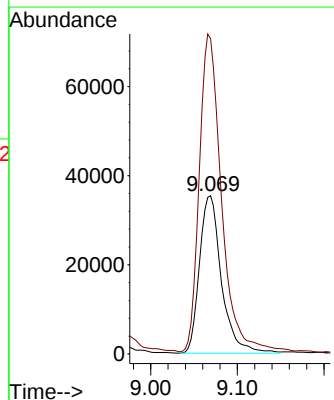
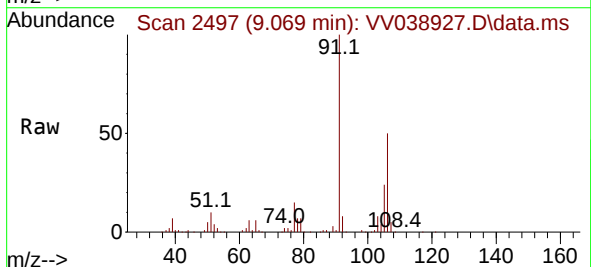
Manual Integrations
APPROVED

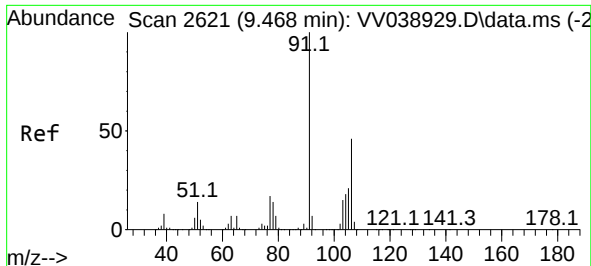
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#68
m/p-Xylenes
Concen: 8.006 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:106 Resp: 62193
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2





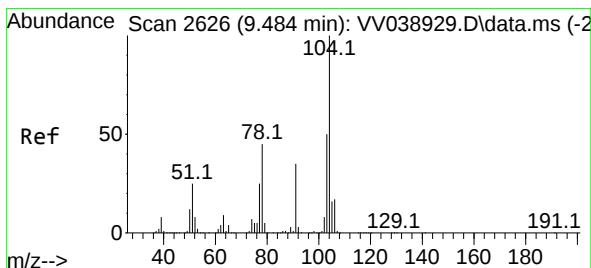
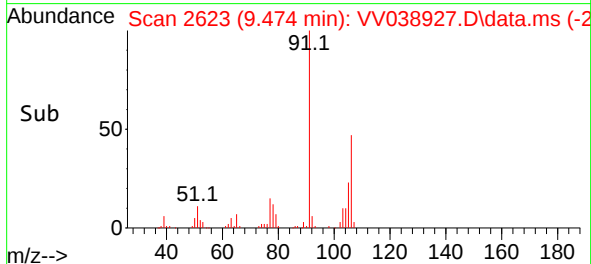
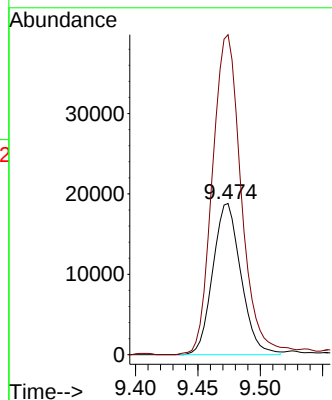
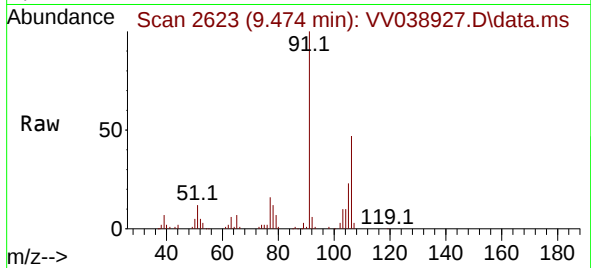
#69
o-Xylene
Concen: 4.050 ug/l
RT: 9.474 min Scan# 2621
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2958
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.3

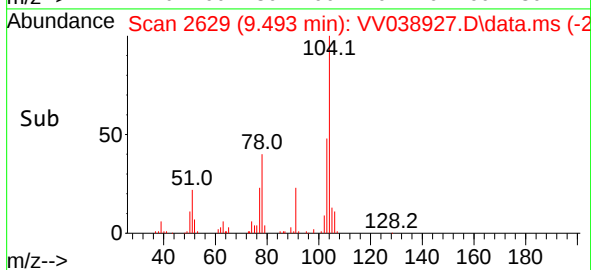
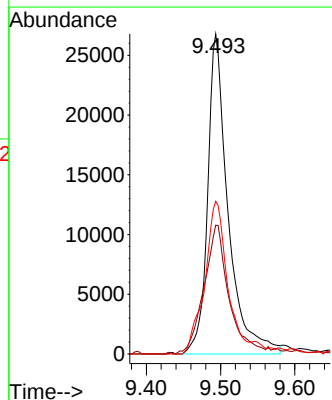
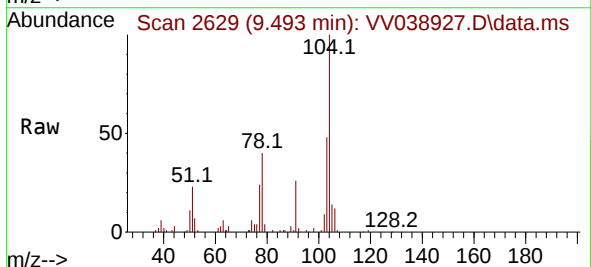
Manual Integrations
APPROVED

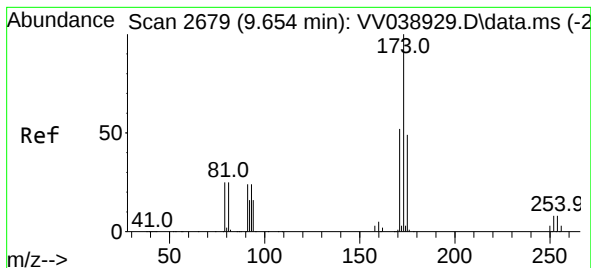
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#70
Styrene
Concen: 3.899 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.010 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion:104 Resp: 51275
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.6
103 52.4 43.8 65.6





#71

Bromoform

Concen: 4.678 ug/l

RT: 9.657 min Scan# 21219

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

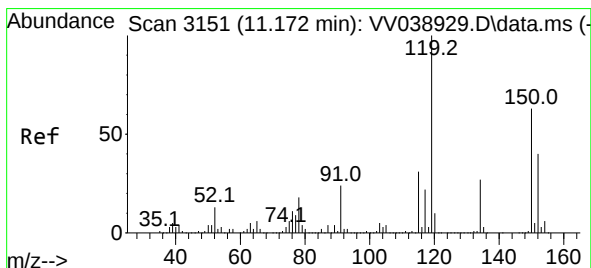
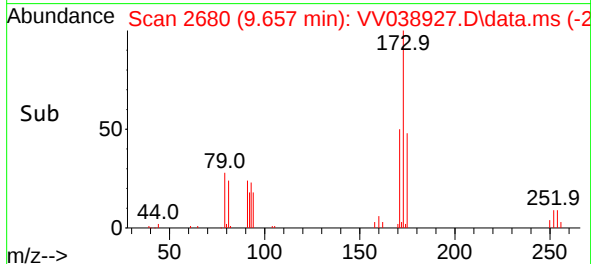
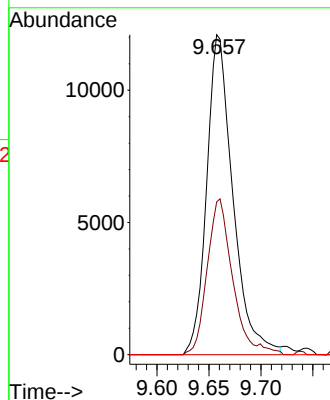
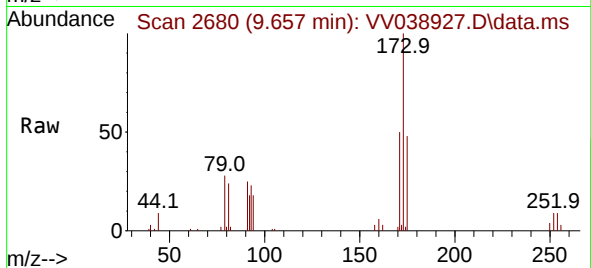
VSTDICC005

Tgt Ion:173	Resp:	21219
Ion Ratio	Lower	Upper
173	100	
175	47.3	24.3 72.9
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

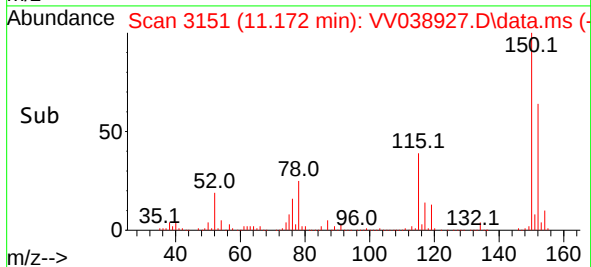
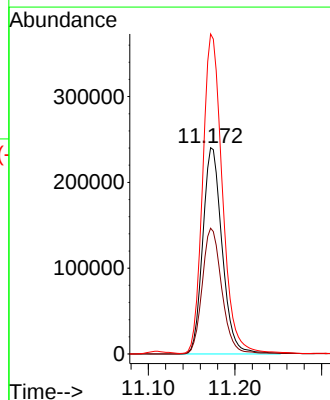
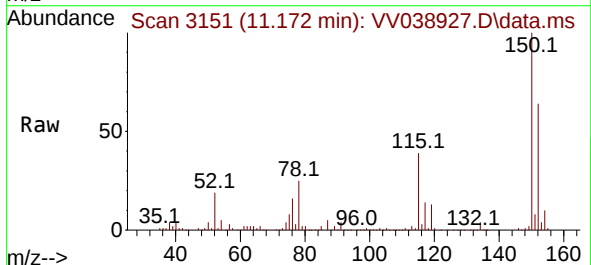
RT: 11.172 min Scan# 3151

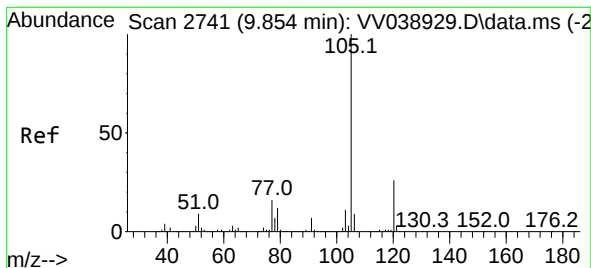
Delta R.T. -0.000 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:152	Resp:	373535
Ion Ratio	Lower	Upper
152	100	
115	61.8	41.0 123.2
150	157.4	0.0 345.4





#73

Isopropylbenzene

Concen: 4.317 ug/l

RT: 9.857 min Scan# 2741

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 84170

Ion Ratio Lower Upper

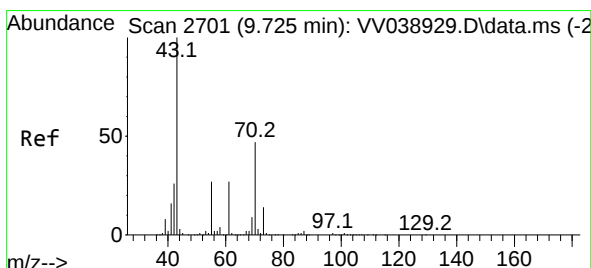
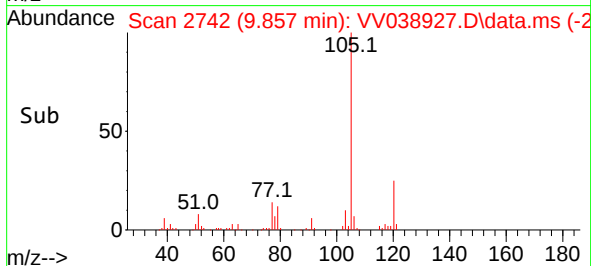
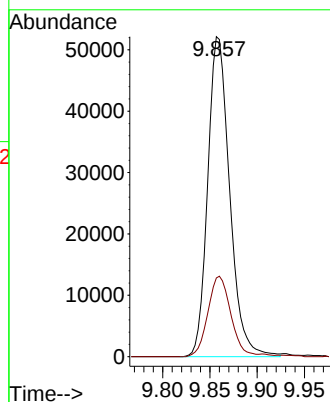
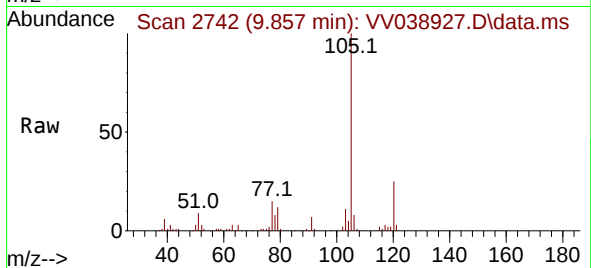
105 100

120 26.2 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#74

N-ethyl acetate

Concen: 4.040 ug/l

RT: 9.731 min Scan# 2703

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion: 43 Resp: 27679

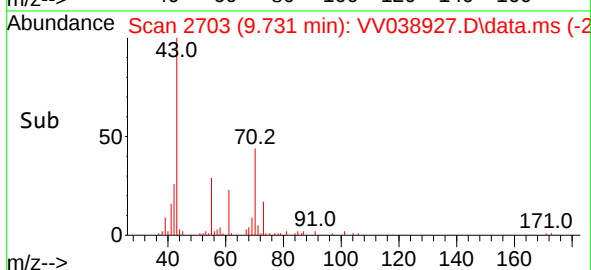
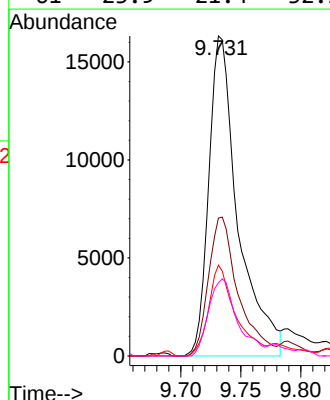
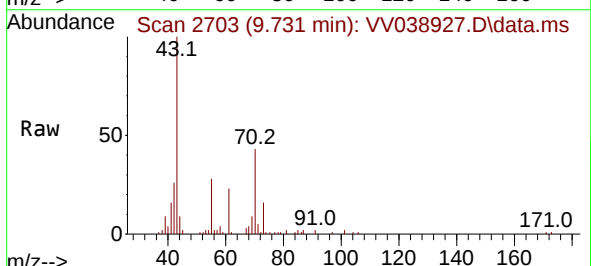
Ion Ratio Lower Upper

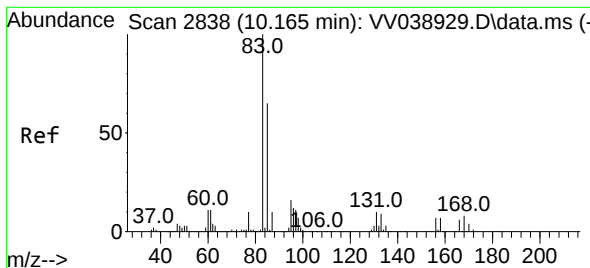
43 100

70 44.3 37.4 56.0

55 26.1 22.1 33.1

61 23.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.062 ug/l

RT: 10.169 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

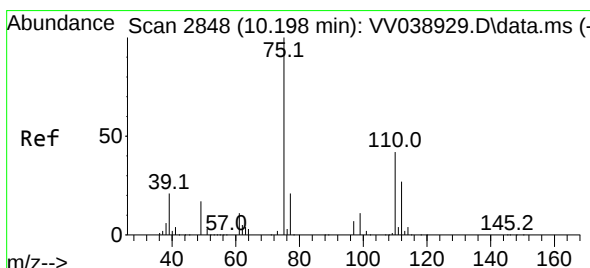
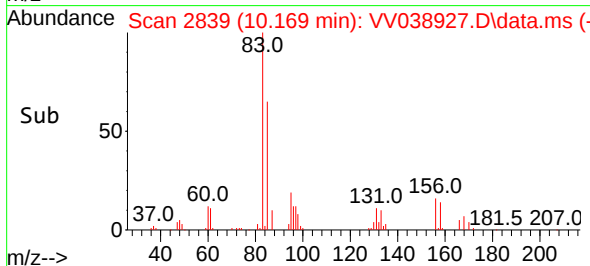
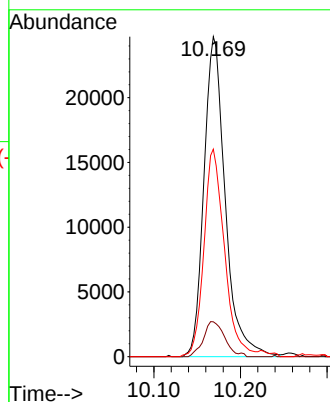
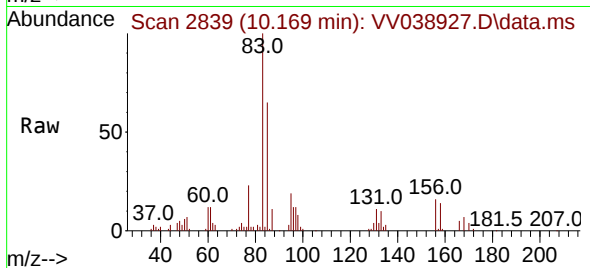
VSTDIC005

Tgt Ion:	83	Resp:	42199
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	14.9
85	62.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#76

1,2,3-Trichloropropane

Concen: 4.712 ug/l

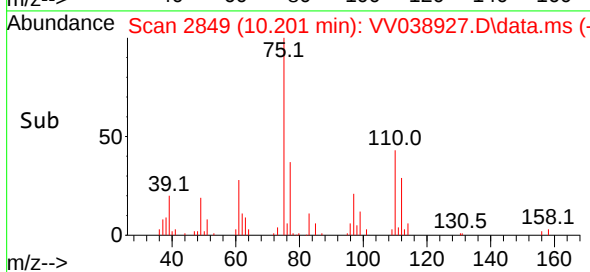
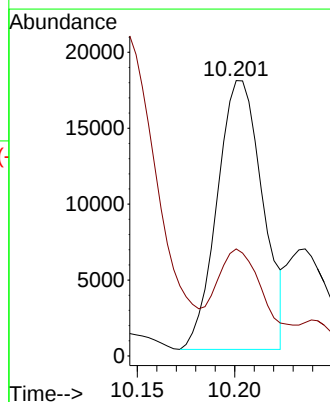
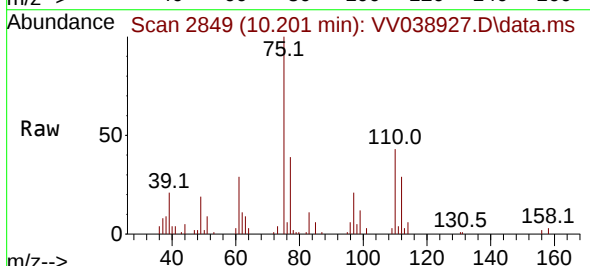
RT: 10.201 min Scan# 2849

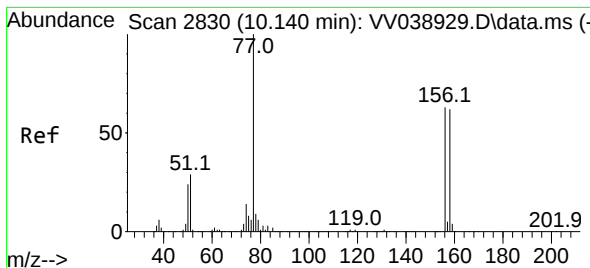
Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:	75	Resp:	28781
Ion Ratio	Lower	Upper	
75	100		
77	28.8	11.9	35.9





#77

Bromobenzene

Concen: 4.598 ug/l

RT: 10.149 min Scan# 2830

Delta R.T. 0.010 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

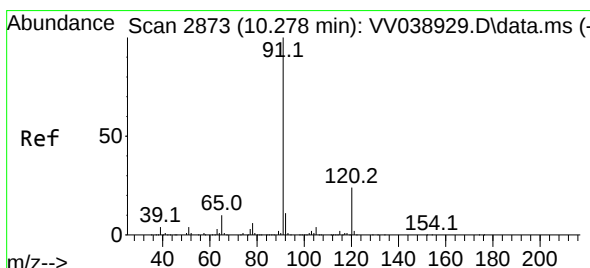
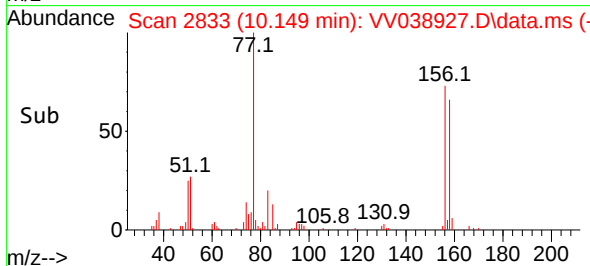
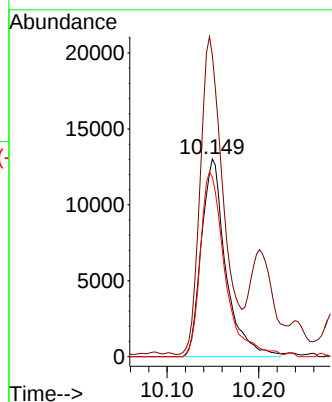
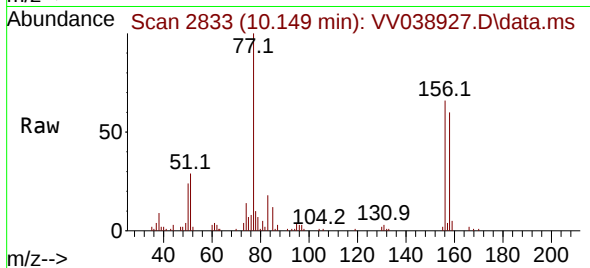
VSTDIC005

Tgt Ion:	156	Resp:	2406
Ion Ratio	Lower	Upper	
156	100		
77	149.7	78.8	236.5
158	94.5	49.6	148.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#78

n-propylbenzene

Concen: 4.185 ug/l

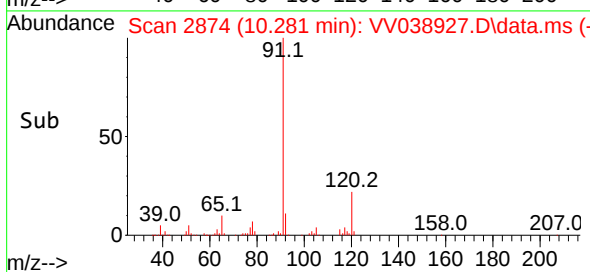
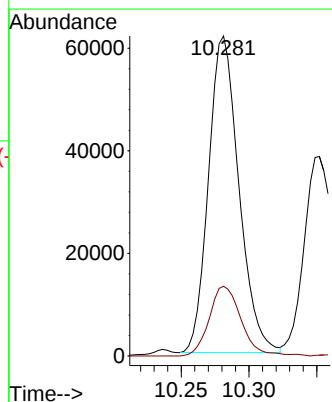
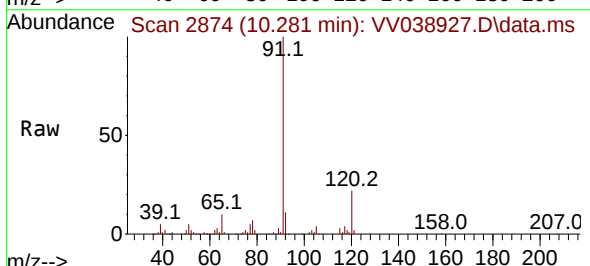
RT: 10.281 min Scan# 2874

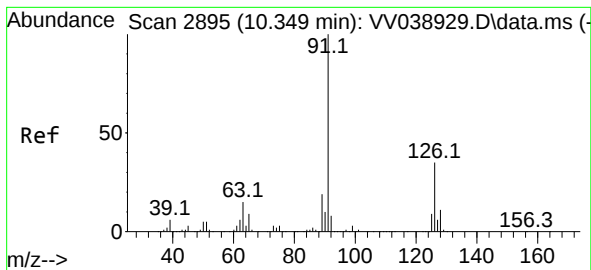
Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:	91	Resp:	96245
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.7





#79

2-Chlorotoluene

Concen: 4.331 ug/l

RT: 10.352 min Scan# 2896

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 61149

Ion Ratio Lower Upper

91 100

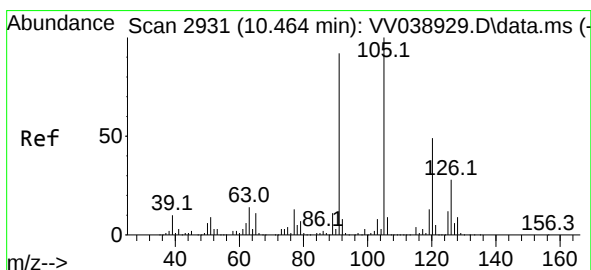
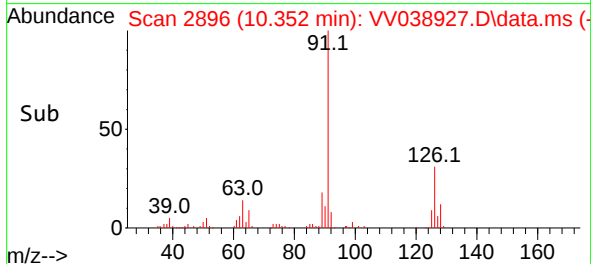
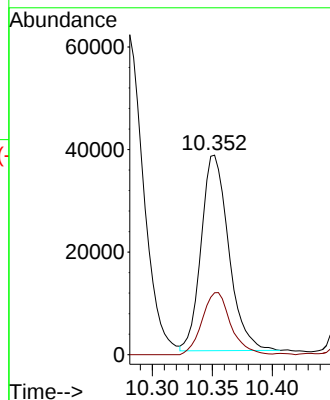
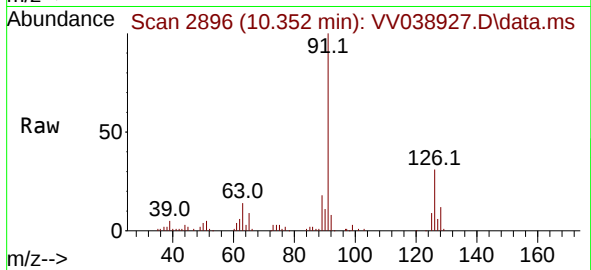
126 32.9 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025

Supervised By :Semsettin Yesilyurt 08/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.031 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038927.D

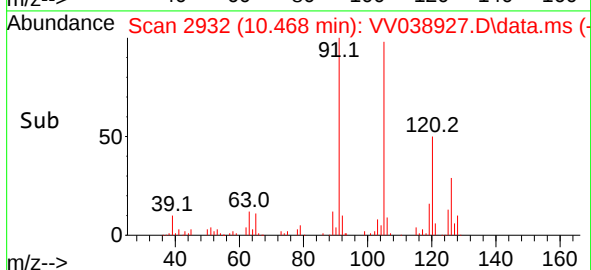
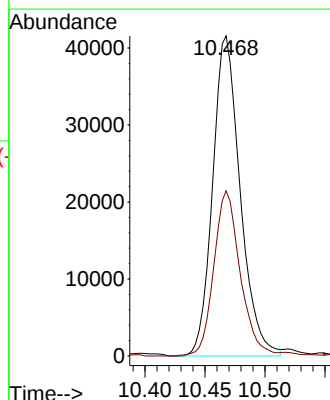
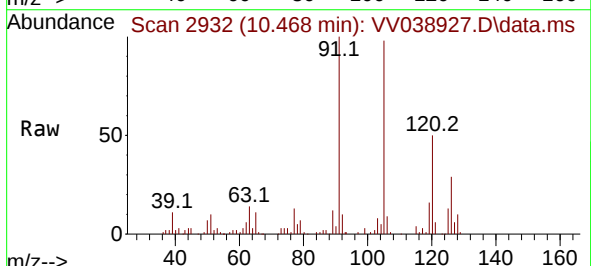
Acq: 08 Aug 2025 10:35

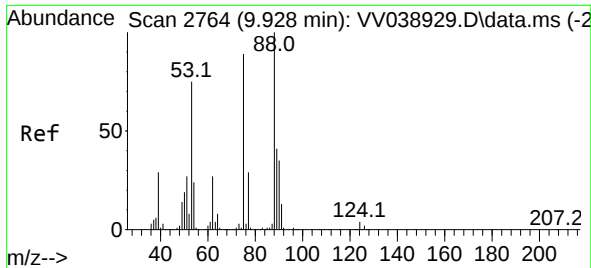
Tgt Ion:105 Resp: 66308

Ion Ratio Lower Upper

105 100

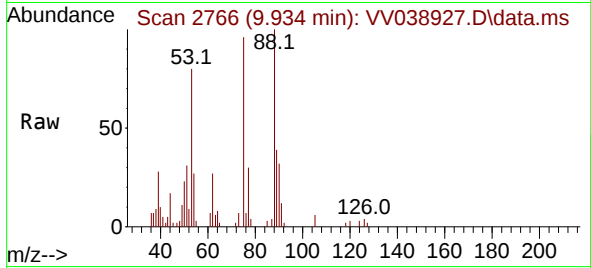
120 49.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.146 ug/l
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

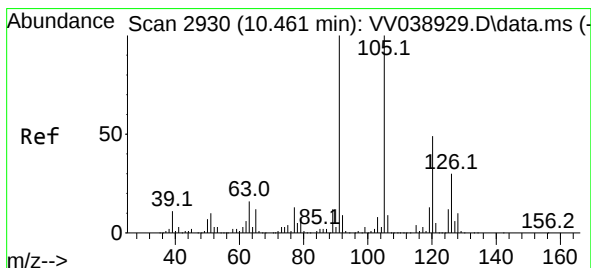
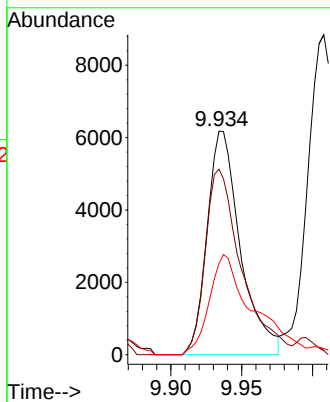
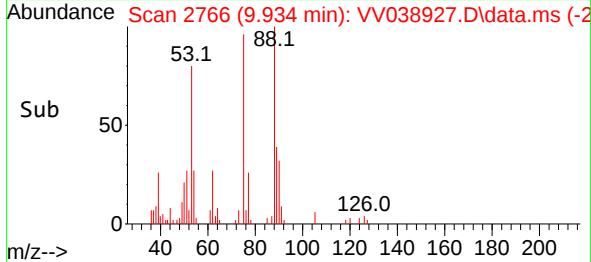
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
53 89.9 69.0 103.4
89 58.8 38.8 58.2

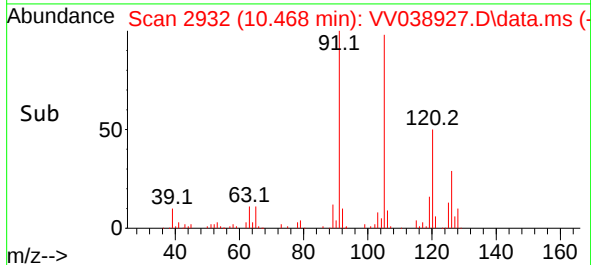
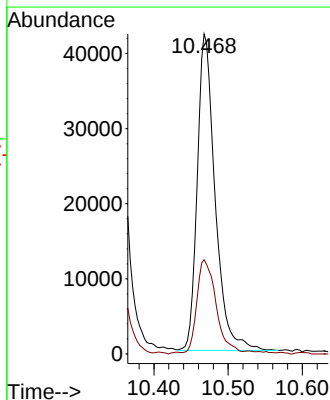
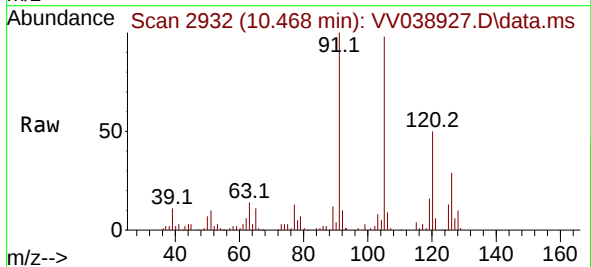
Manual Integrations
APPROVED

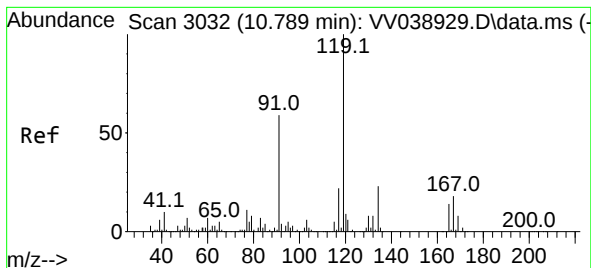
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#82
4-Chlorotoluene
Concen: 4.266 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 91 Resp: 70440
Ion Ratio Lower Upper
91 100
126 30.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 4.385 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

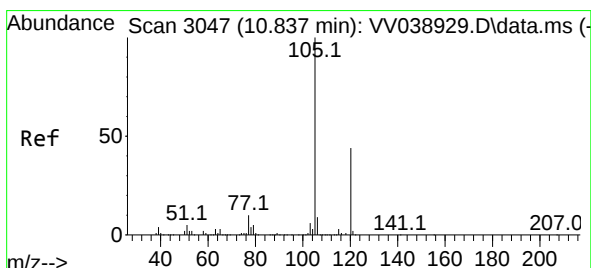
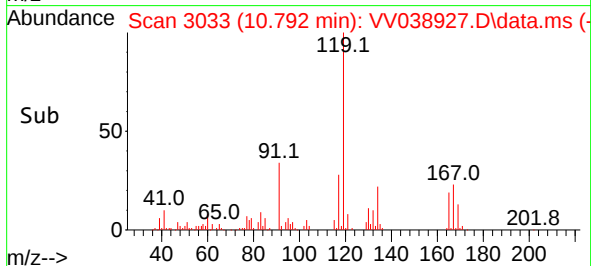
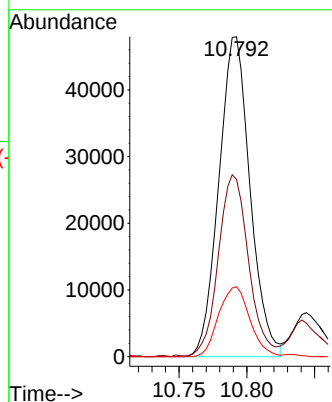
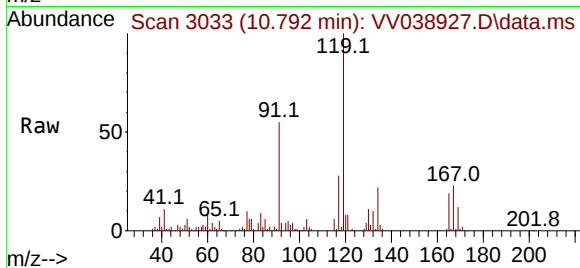
VSTDIC005

Tgt Ion:	119	Resp:	76834
Ion Ratio	Lower	Upper	
119	100		
91	54.3	28.5	85.5
134	21.8	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 3.982 ug/l

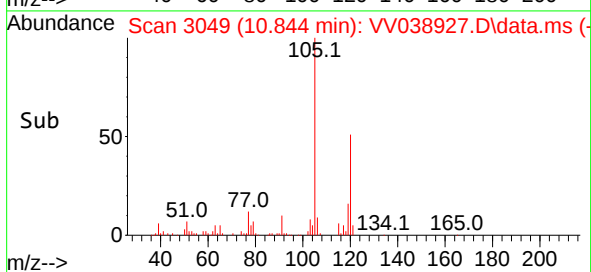
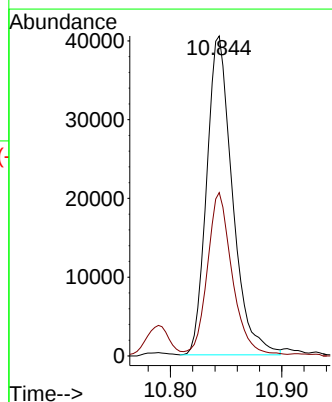
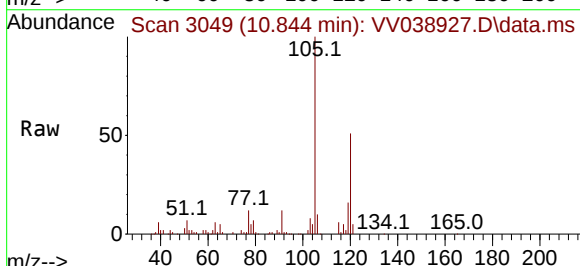
RT: 10.844 min Scan# 3049

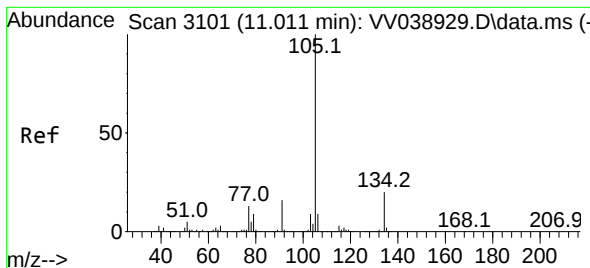
Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:	105	Resp:	65016
Ion Ratio	Lower	Upper	
105	100		
120	48.7	23.2	69.5





#85

sec-Butylbenzene

Concen: 4.227 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 9358

Ion Ratio Lower Upper

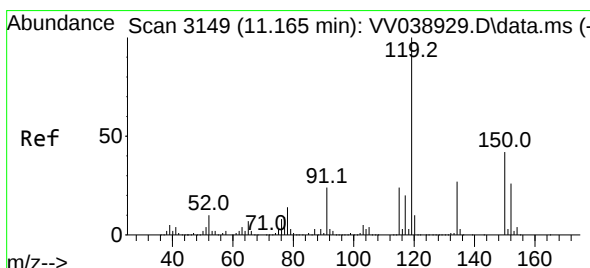
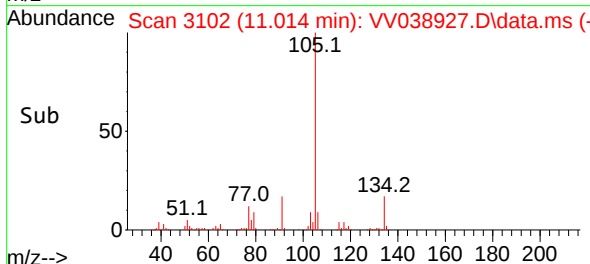
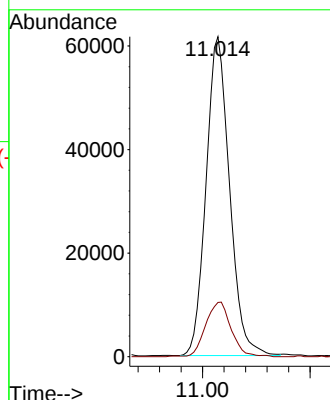
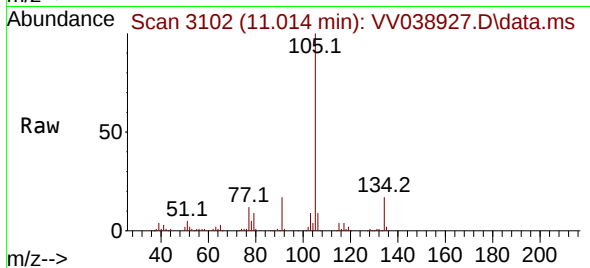
105 100

134 18.6 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#86

p-Isopropyltoluene

Concen: 4.346 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

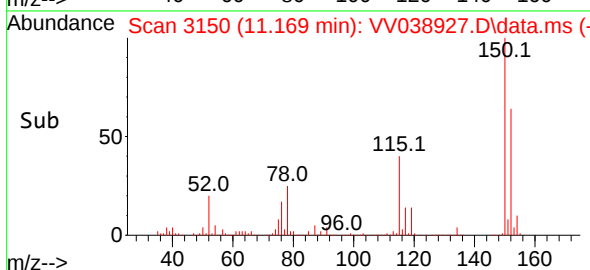
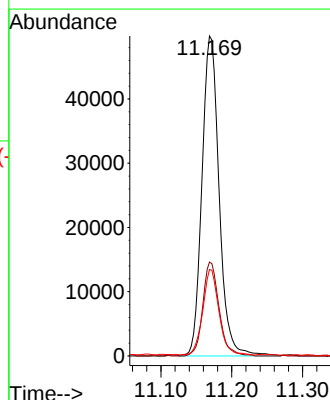
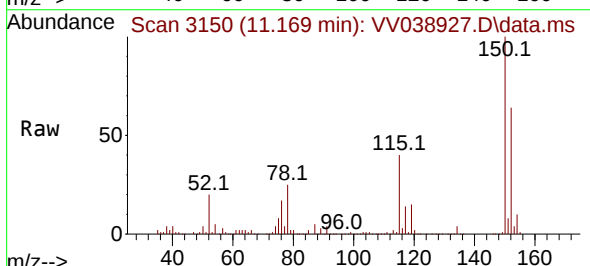
Tgt Ion:119 Resp: 83827

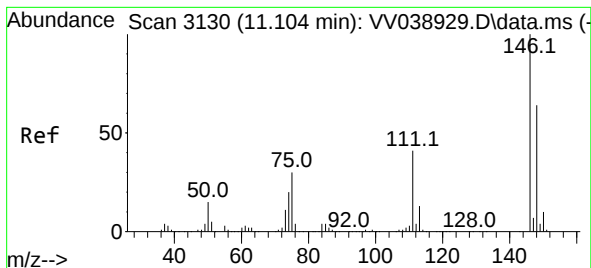
Ion Ratio Lower Upper

119 100

134 27.8 13.2 39.6

91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 4.452 ug/l

RT: 11.111 min Scan# 3111

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 4871

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

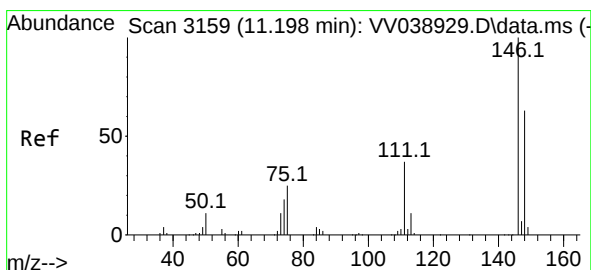
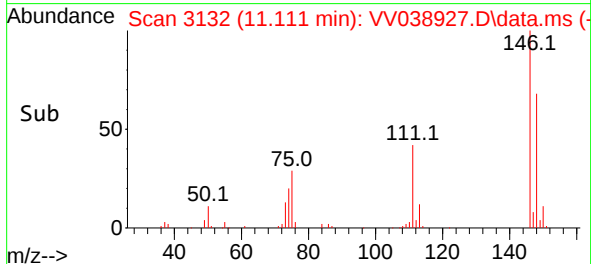
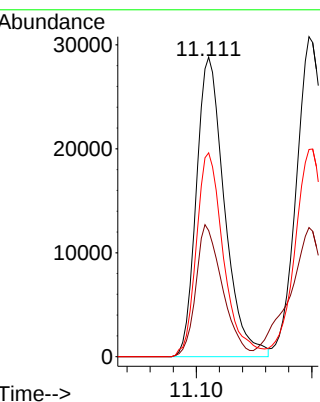
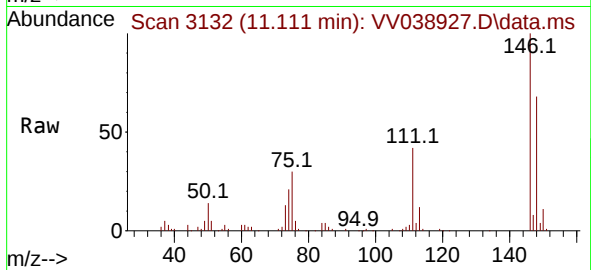
148 66.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025

Supervised By :Semsettin Yesilyurt 08/12/2025



#88

1,4-Dichlorobenzene

Concen: 4.663 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

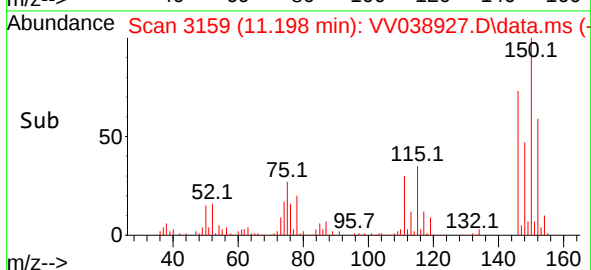
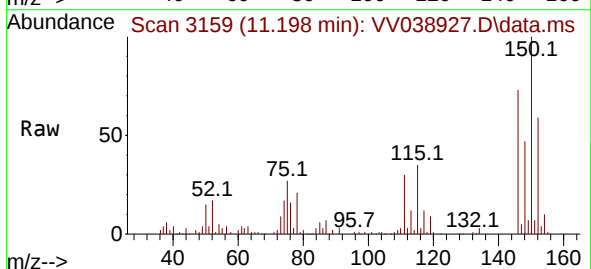
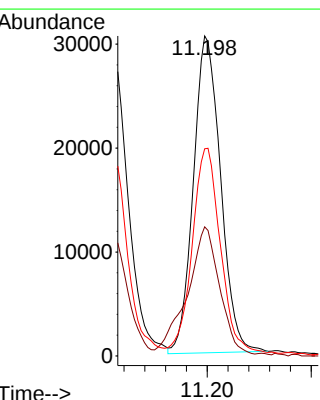
Tgt Ion:146 Resp: 55551

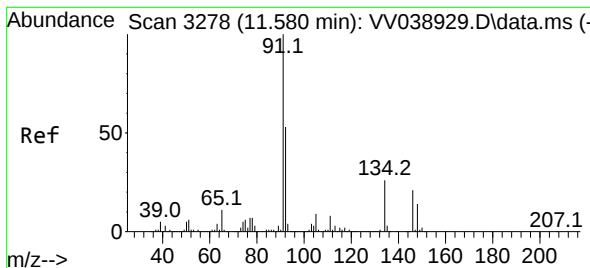
Ion Ratio Lower Upper

146 100

111 47.7 19.7 59.1

148 67.7 31.4 94.2





#89

n-Butylbenzene

Concen: 4.258 ug/l

RT: 11.583 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

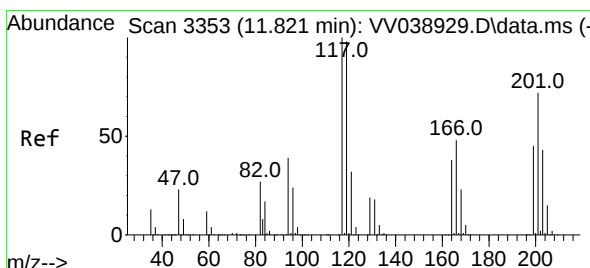
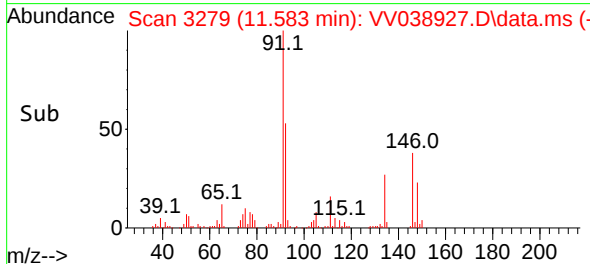
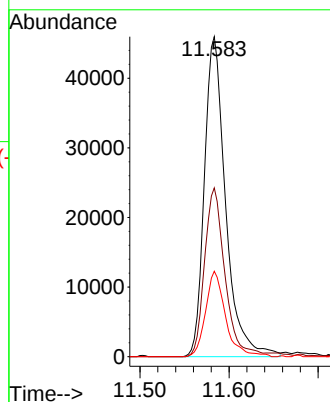
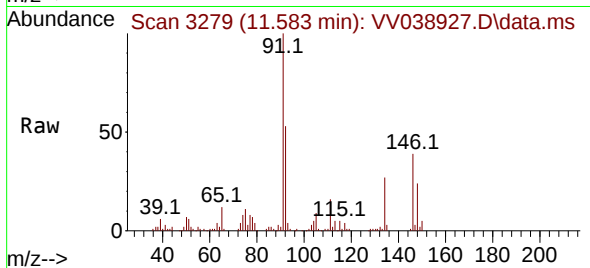
VSTDICC005

Tgt Ion: 91	Resp: 7593
Ion Ratio	Lower Upper
91	100
92	50.6 26.2 78.6
134	25.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#90

Hexachloroethane

Concen: 5.182 ug/l

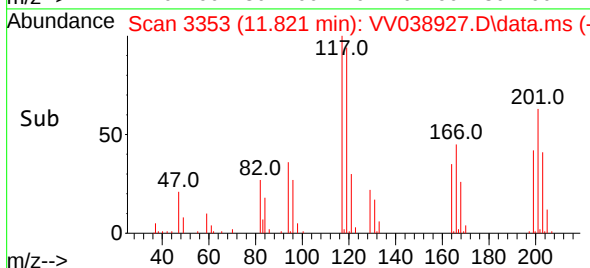
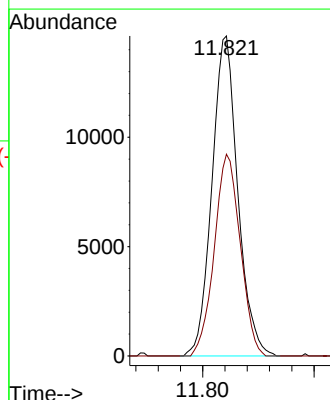
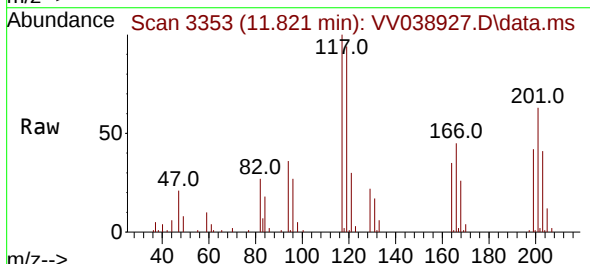
RT: 11.821 min Scan# 3353

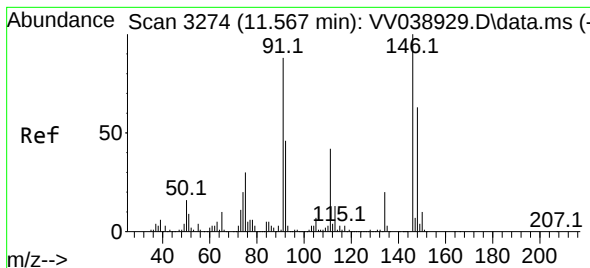
Delta R.T. -0.000 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:117	Resp: 23580
Ion Ratio	Lower Upper
117	100
201	63.2 34.8 104.5





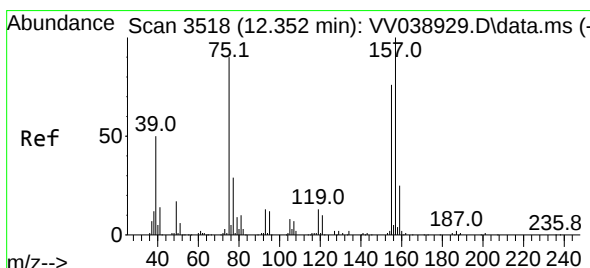
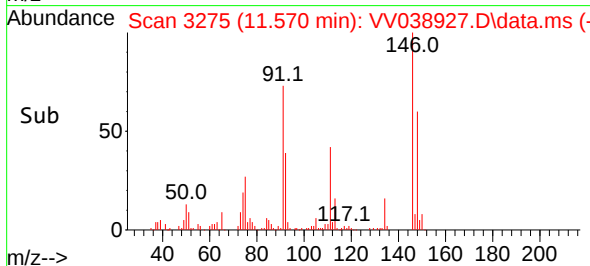
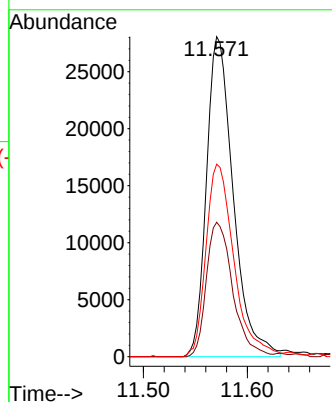
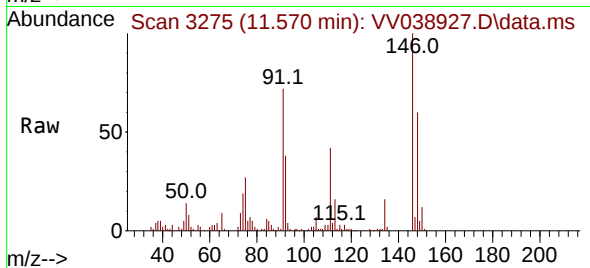
#91
1,2-Dichlorobenzene
Concen: 4.860 ug/l
RT: 11.570 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 50254
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 62.9 32.1 96.5

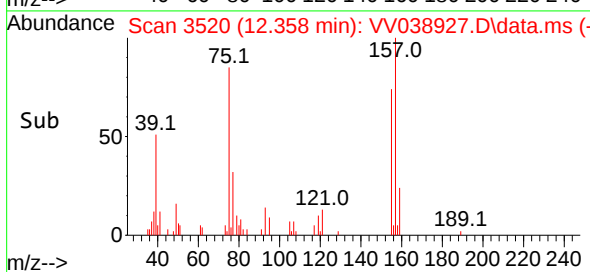
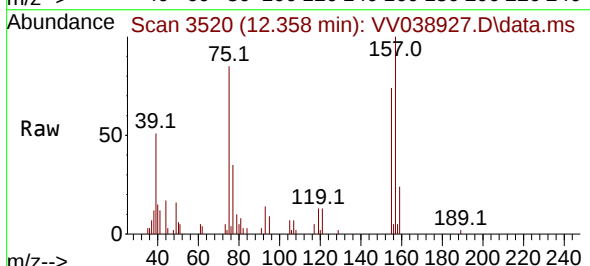
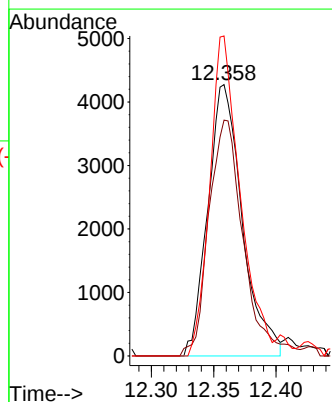
Manual Integrations
APPROVED

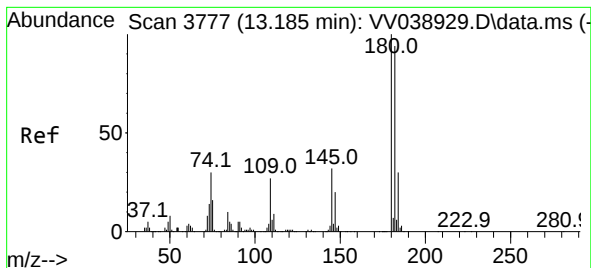
Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.491 ug/l
RT: 12.358 min Scan# 3520
Delta R.T. 0.006 min
Lab File: VV038927.D
Acq: 08 Aug 2025 10:35

Tgt Ion: 75 Resp: 8199
Ion Ratio Lower Upper
75 100
155 87.1 41.4 124.2
157 103.9 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 4.199 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

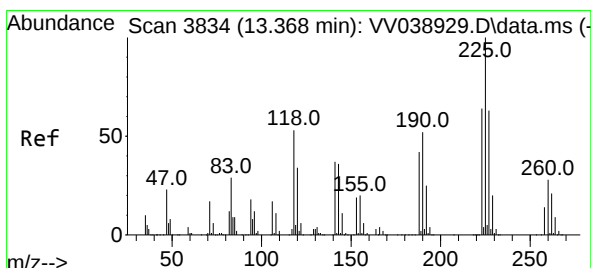
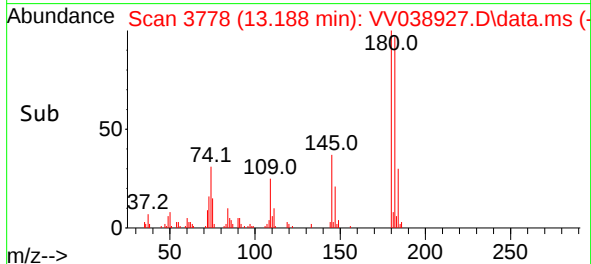
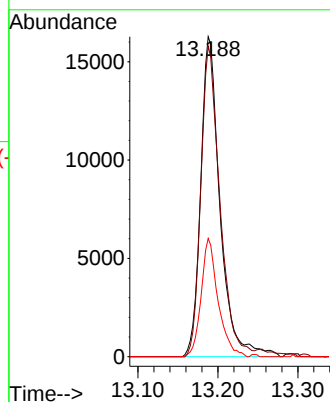
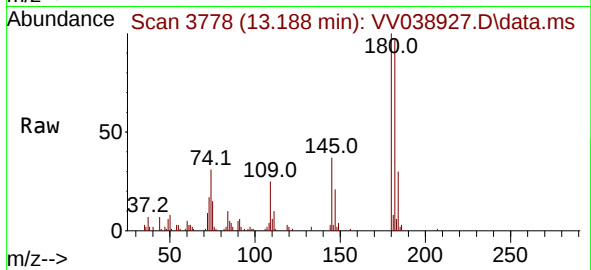
VSTDIC005

Tgt Ion:	180	Resp:	2739
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.1	141.3
145	32.3	15.9	47.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#94

Hexachlorobutadiene

Concen: 4.821 ug/l

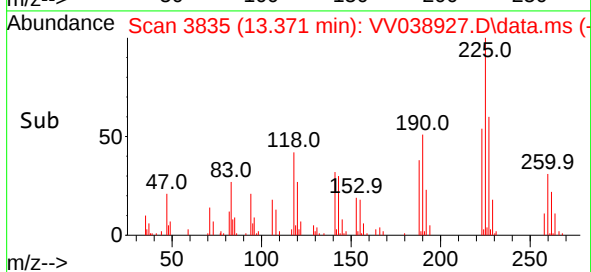
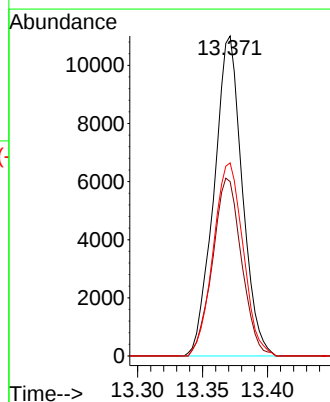
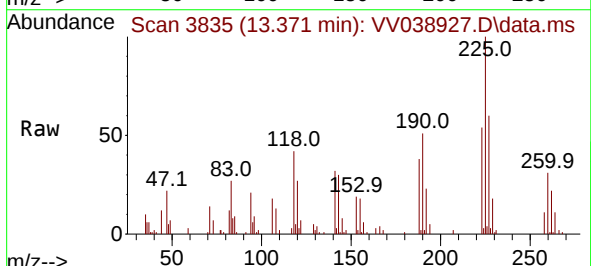
RT: 13.371 min Scan# 3835

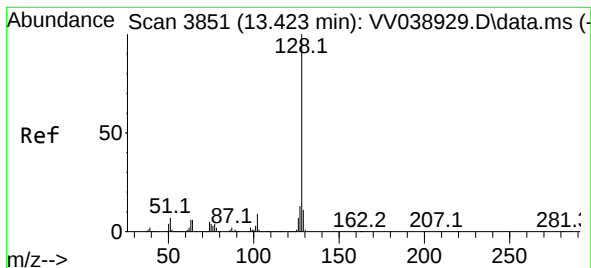
Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:	225	Resp:	16617
Ion Ratio	Lower	Upper	
225	100		
223	57.0	32.0	96.0
227	63.8	31.3	93.9





#95

Naphthalene

Concen: 3.925 ug/l

RT: 13.429 min Scan# 3853

Delta R.T. 0.006 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Instrument :

MSVOA_V

ClientSampleId :

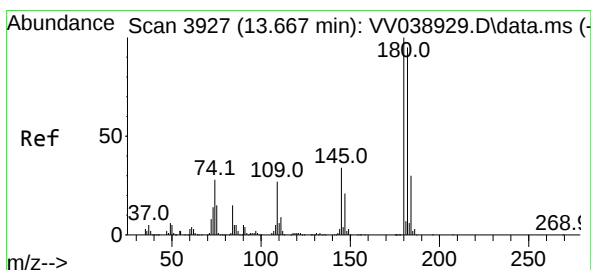
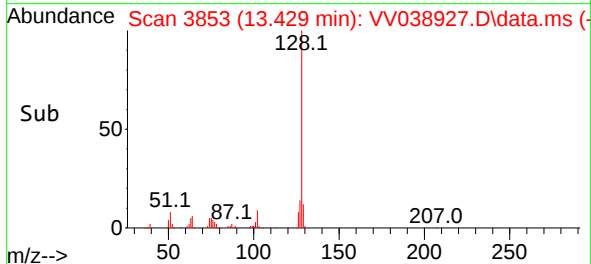
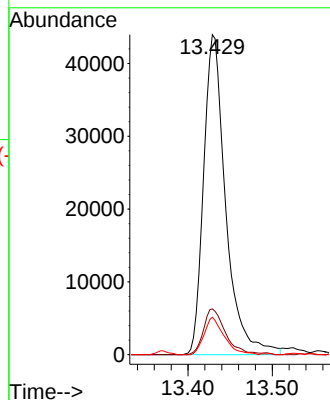
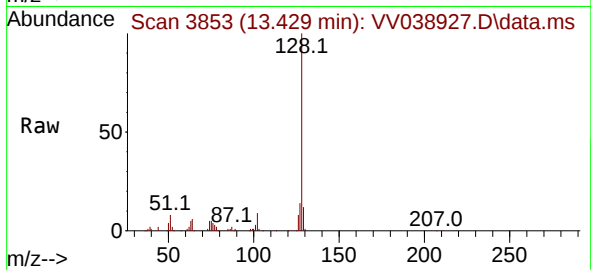
VSTDIC005

Tgt Ion:	128	Resp:	8034
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
Supervised By :Semsettin Yesilyurt 08/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.247 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV038927.D

Acq: 08 Aug 2025 10:35

Tgt Ion:	180	Resp:	28348
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.5
145	34.4	17.1	51.3

