

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071125\
 Data File : VV038880.D
 Acq On : 11 Jul 2025 08:47
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 14 06:07:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	399204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	649537	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	623995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	323775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	31246	6.406	ug/l	0.01
Spiked Amount 50.000	Range 81 - 118		Recovery =	12.820%#		
35) Dibromofluoromethane	4.503	113	27147	6.130	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery =	12.260%#		
50) Toluene-d8	7.239	98	83648	6.249	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery =	12.500%#		
62) 4-Bromofluorobenzene	10.008	95	28928	5.365	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery =	10.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	20855	5.946	ug/l	99
3) Chloromethane	1.230	50	22432	5.922	ug/l	94
4) Vinyl Chloride	1.294	62	26915	6.208	ug/l	99
5) Bromomethane	1.487	94	22946m	3.643	ug/l	
6) Chloroethane	1.555	64	17068	5.890	ug/l	97
7) Trichlorofluoromethane	1.722	101	46606	6.076	ug/l	97
8) Diethyl Ether	1.918	74	15516	5.625	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.079	101	27100	5.909	ug/l	96
10) Methyl Iodide	2.195	142	30672	5.825	ug/l	98
11) Tert butyl alcohol	2.574	59	28189	25.103	ug/l #	85
12) 1,1-Dichloroethene	2.082	96	24920	5.963	ug/l	96
13) Acrolein	2.015	56	4615	28.419	ug/l	86
14) Allyl chloride	2.359	41	37206	5.588	ug/l	98
15) Acrylonitrile	2.677	53	76744	26.706	ug/l	98
16) Acetone	2.121	43	46356	21.963	ug/l	98
17) Carbon Disulfide	2.249	76	58711	6.757	ug/l	97
18) Methyl Acetate	2.381	43	30702	4.299	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	81228	5.184	ug/l	98
20) Methylene Chloride	2.455	84	30155	5.632	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	25626	5.763	ug/l	96
22) Diisopropyl ether	3.217	45	69801	5.247	ug/l	81
23) Vinyl Acetate	3.191	43	287709	27.581	ug/l	97
24) 1,1-Dichloroethane	3.117	63	50439	5.789	ug/l	98
25) 2-Butanone	3.883	43	61849m	20.469	ug/l	
26) 2,2-Dichloropropane	3.809	77	42613	5.586	ug/l	97
27) cis-1,2-Dichloroethene	3.825	96	27517	5.389	ug/l	98
28) Bromochloromethane	4.150	49	19842	5.884	ug/l	89
29) Tetrahydrofuran	4.243	42	43993	22.064	ug/l	97
30) Chloroform	4.278	83	52106	5.425	ug/l	100
31) Cyclohexane	4.590	56	37722	6.596	ug/l #	81
32) 1,1,1-Trichloroethane	4.513	97	49368	5.891	ug/l	95
36) 1,1-Dichloropropene	4.741	75	28915	5.681	ug/l	98
37) Ethyl Acetate	3.992	43	28395	4.739	ug/l #	83
38) Carbon Tetrachloride	4.735	117	37119	5.491	ug/l	98
39) Methylcyclohexane	6.043	83	33565	5.589	ug/l	97
40) Benzene	5.011	78	96832	5.612	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 14 06:07:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.175	41	10438m	3.844	ug/l	
42) 1,2-Dichloroethane	5.047	62	36157	5.498	ug/l	97
43) Isopropyl Acetate	5.204	43	44545	4.700	ug/l	96
44) Trichloroethene	5.834	130	25169	5.583	ug/l	94
45) 1,2-Dichloropropane	6.095	63	23783	5.218	ug/l	99
46) Dibromomethane	6.233	93	19117	5.421	ug/l	95
47) Bromodichloromethane	6.429	83	41571	5.555	ug/l	97
48) Methyl methacrylate	6.330	41	21007m	5.062	ug/l	
49) 1,4-Dioxane	6.304	88	7795m	87.511	ug/l	
51) 4-Methyl-2-Pentanone	7.153	43	150501	23.322	ug/l	94
52) Toluene	7.317	92	56897	5.235	ug/l	95
53) t-1,3-Dichloropropene	7.583	75	35356	5.221	ug/l	97
54) cis-1,3-Dichloropropene	6.957	75	37760	5.158	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	29428	5.664	ug/l	94
56) Ethyl methacrylate	7.728	69	26371	4.272	ug/l	93
57) 1,3-Dichloropropane	7.940	76	42123	5.408	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.818	63	78691	25.243	ug/l	97
59) 2-Hexanone	8.072	43	100384m	20.897	ug/l	
60) Dibromochloromethane	8.169	129	32509	5.314	ug/l	99
61) 1,2-Dibromoethane	8.281	107	28033	5.356	ug/l	93
64) Tetrachloroethene	7.902	164	24339	5.947	ug/l	91
65) Chlorobenzene	8.805	112	73160	5.366	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.899	131	28929	5.320	ug/l	97
67) Ethyl Benzene	8.940	91	100264	4.952	ug/l	100
68) m/p-Xylenes	9.066	106	74313	9.428	ug/l	97
69) o-Xylene	9.471	106	34438	4.629	ug/l	99
70) Styrene	9.490	104	58243	4.430	ug/l	97
71) Bromoform	9.657	173	24477	5.538	ug/l #	97
73) Isopropylbenzene	9.857	105	98880	5.111	ug/l	100
74) N-amyl acetate	9.731	43	32011	4.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.169	83	44902	5.541	ug/l	98
76) 1,2,3-Trichloropropane	10.201	75	31525	5.237	ug/l	81
77) Bromobenzene	10.146	156	26505	5.223	ug/l	98
78) n-propylbenzene	10.281	91	109964	4.863	ug/l	99
79) 2-Chlorotoluene	10.352	91	72391	5.034	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	79411	4.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	11375	4.611	ug/l #	86
82) 4-Chlorotoluene	10.468	91	78568	4.888	ug/l	99
83) tert-Butylbenzene	10.792	119	86041	5.030	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	76136	4.743	ug/l	100
85) sec-Butylbenzene	11.014	105	108770	4.982	ug/l	100
86) p-Isopropyltoluene	11.169	119	89121	4.808	ug/l	97
87) 1,3-Dichlorobenzene	11.111	146	53345	5.150	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	60996	5.413	ug/l	95
89) n-Butylbenzene	11.583	91	80781	4.774	ug/l	98
90) Hexachloroethane	11.821	117	24921	5.653	ug/l	99
91) 1,2-Dichlorobenzene	11.570	146	54967	5.466	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.355	75	9640	5.262	ug/l	95
93) 1,2,4-Trichlorobenzene	13.191	180	27821	4.687	ug/l	99
94) Hexachlorobutadiene	13.371	225	16724	5.471	ug/l	95
95) Naphthalene	13.429	128	83401	4.246	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	28474	4.628	ug/l	95

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Acq On : 11 Jul 2025 08:47
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

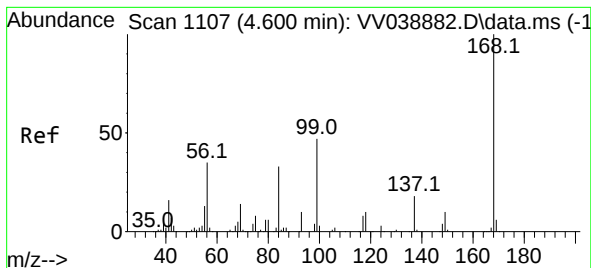
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 14 06:07:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 14 06:07:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion:168 Resp: 399204

Ion Ratio Lower Upper

168 100

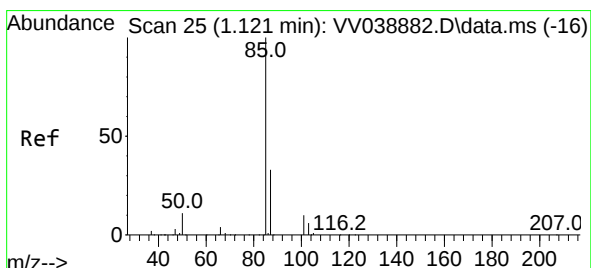
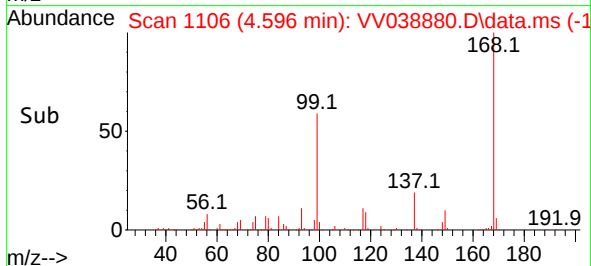
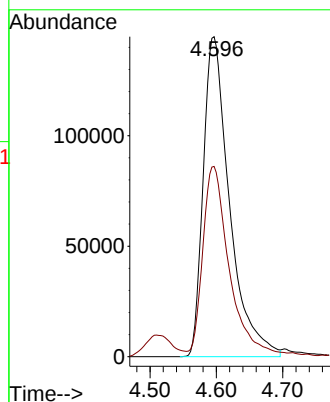
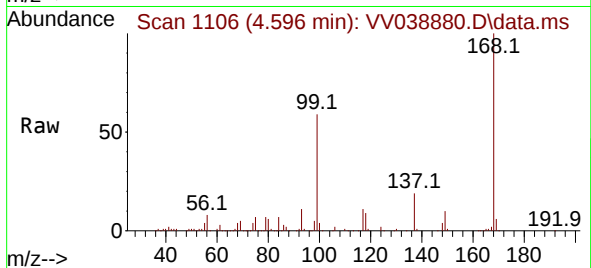
99 58.0 48.6 73.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#2

Dichlorodifluoromethane

Concen: 5.946 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038880.D

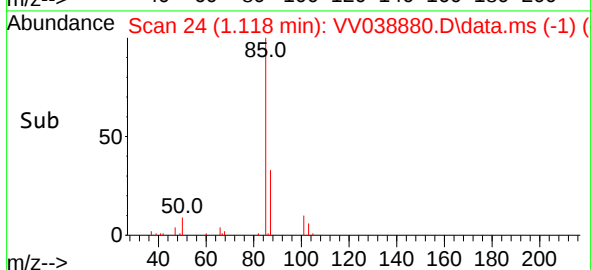
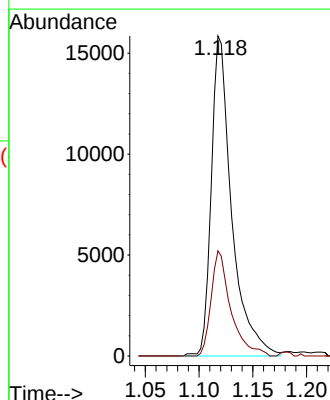
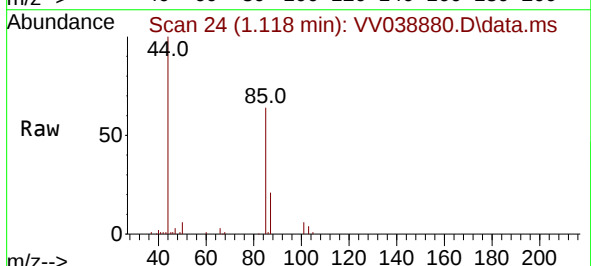
Acq: 11 Jul 2025 08:47

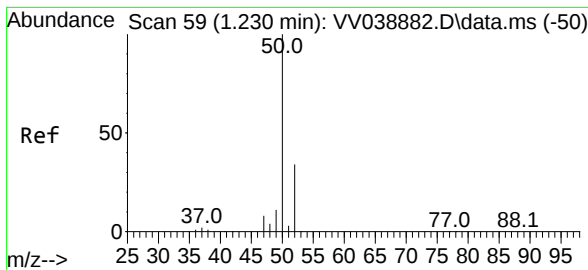
Tgt Ion: 85 Resp: 20855

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8





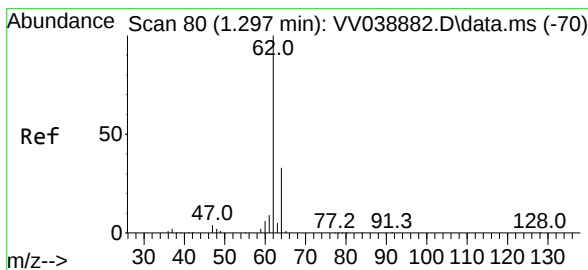
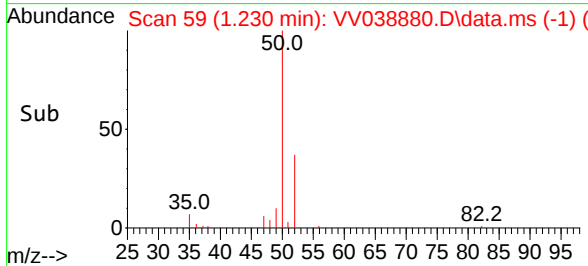
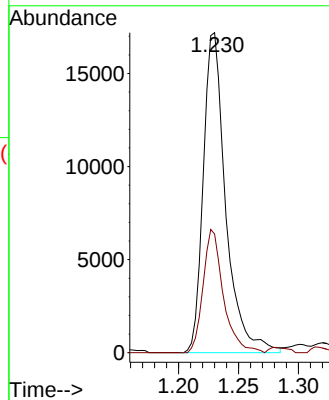
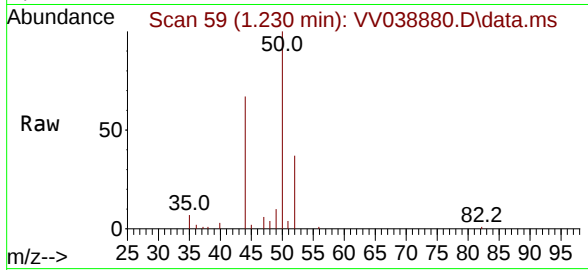
#3
Chloromethane
Concen: 5.922 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 2243
Ion Ratio Lower Upper
50 100
52 37.1 26.9 40.3

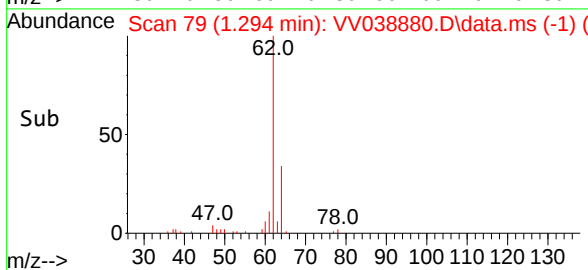
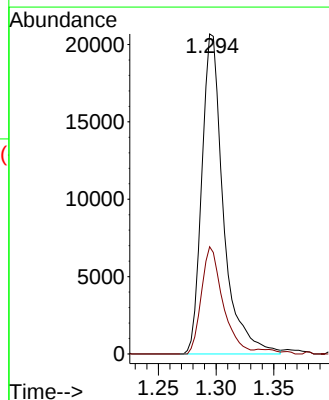
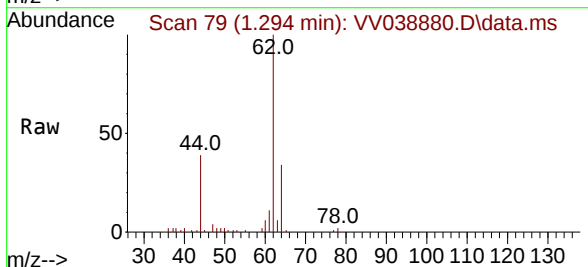
Manual Integrations
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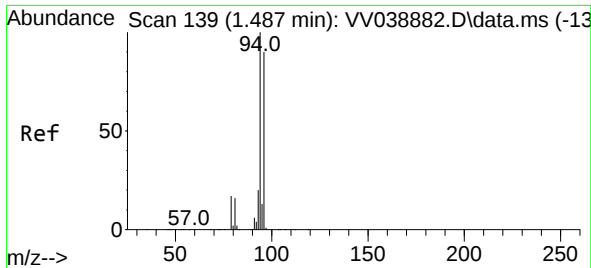
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#4
Vinyl Chloride
Concen: 6.208 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

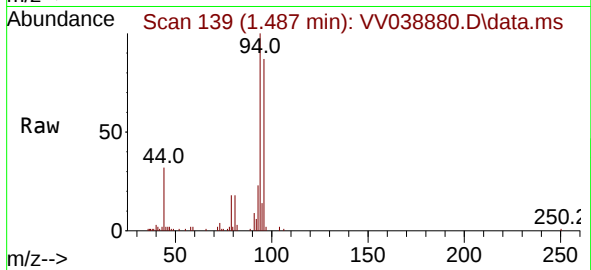
Tgt Ion: 62 Resp: 26915
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2





#5
Bromomethane
Concen: 3.643 ug/l m
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

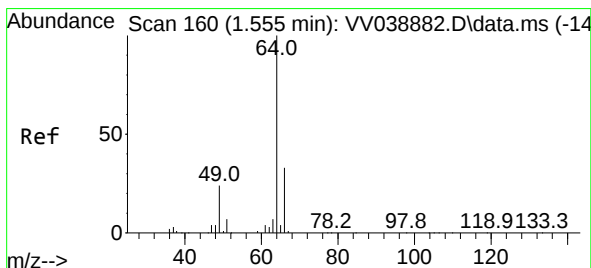
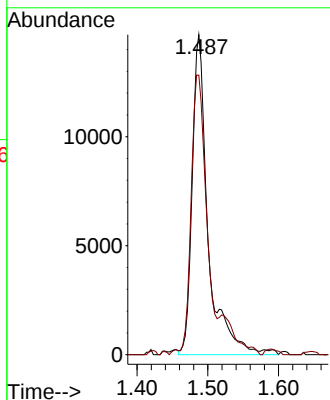
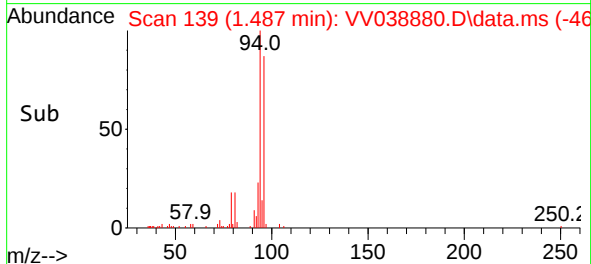
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 22940
Ion Ratio Lower Upper
94 100
96 87.3 71.9 107.9

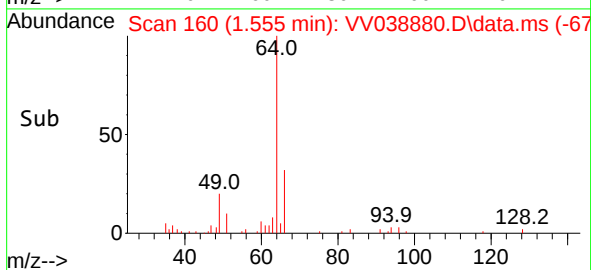
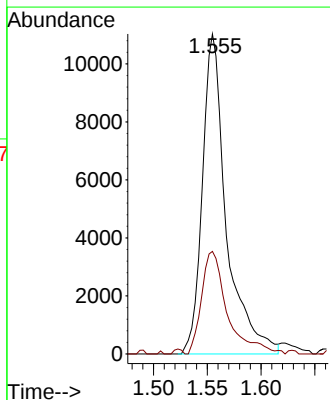
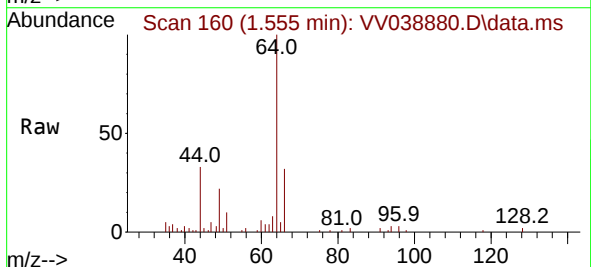
Manual Integrations
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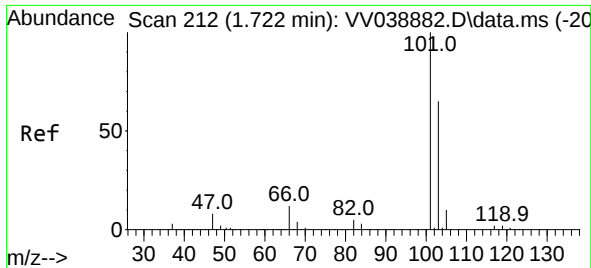
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#6
Chloroethane
Concen: 5.890 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 64 Resp: 17068
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.2





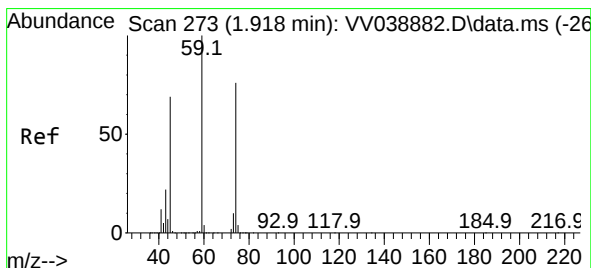
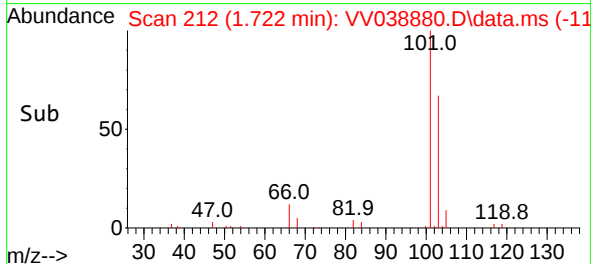
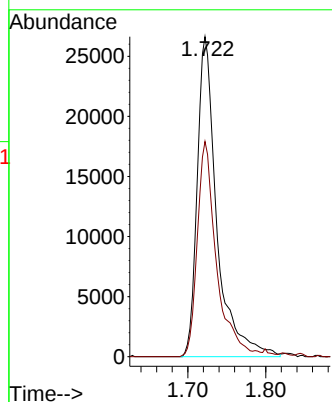
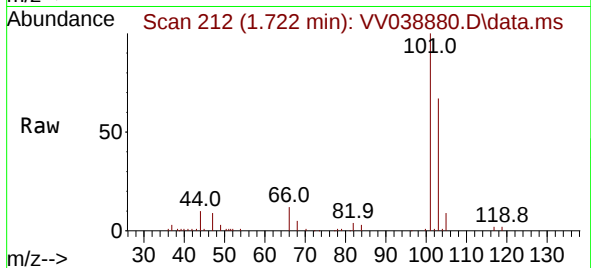
#7
 Trichlorofluoromethane
 Concen: 6.076 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

Instrument : MSVOA_V
 ClientSampleId : VSTDIC005

Tgt Ion:101 Resp: 46600
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.8 77.6

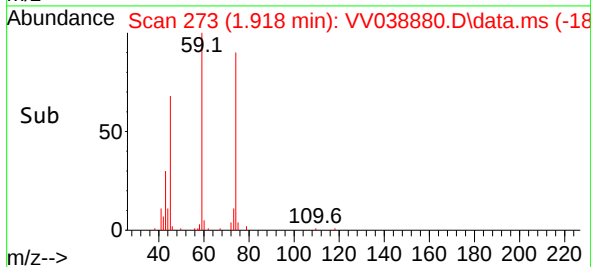
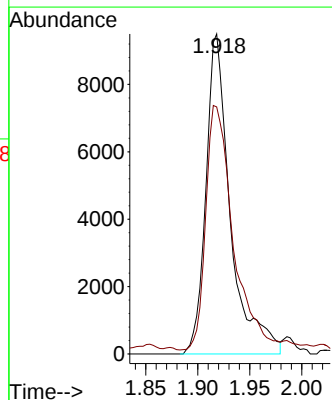
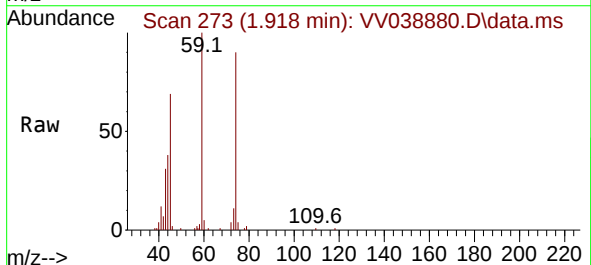
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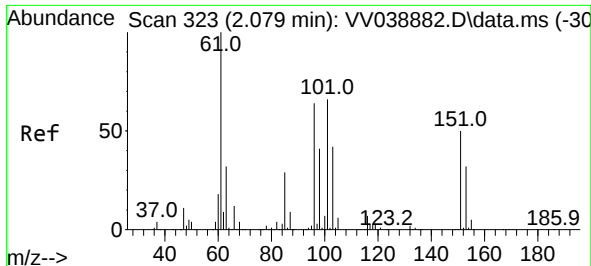
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#8
 Diethyl Ether
 Concen: 5.625 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

Tgt Ion: 74 Resp: 15516
 Ion Ratio Lower Upper
 74 100
 45 85.7 45.5 136.5





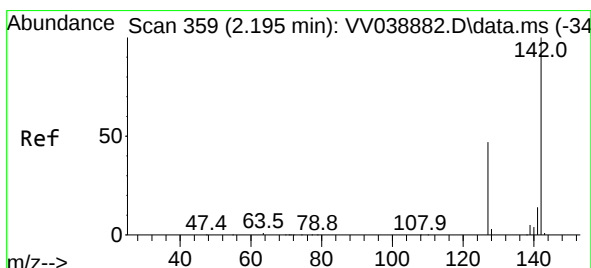
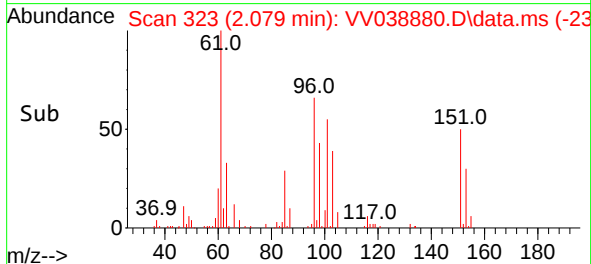
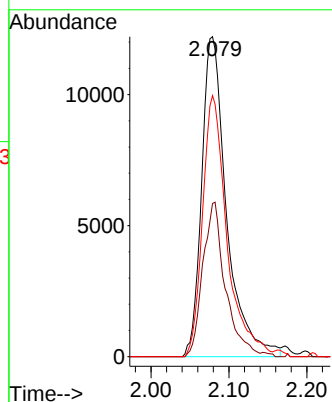
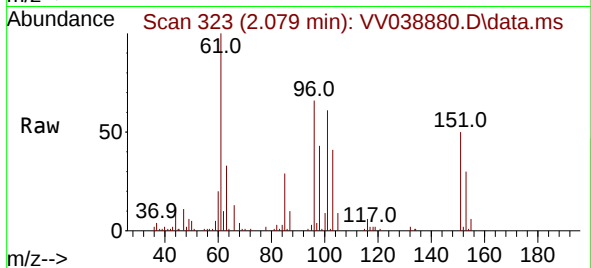
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.909 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 27100
Ion Ratio Lower Upper
101 100
85 43.6 35.0 52.6
151 79.9 60.1 90.1

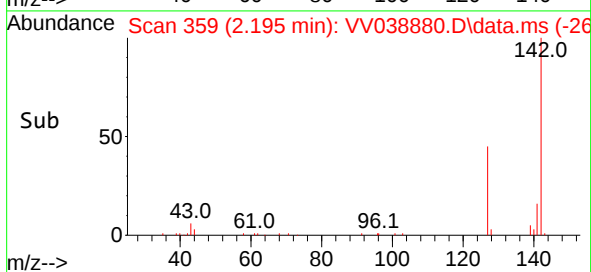
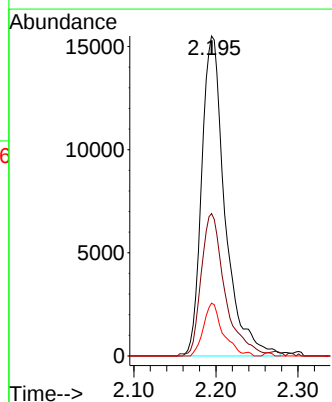
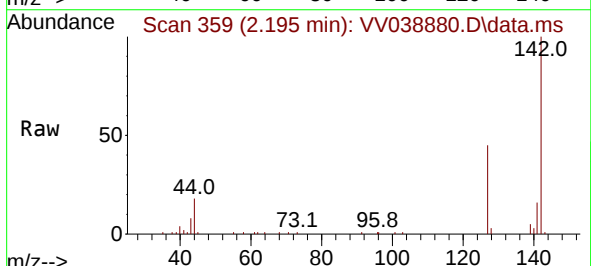
Manual Integrations
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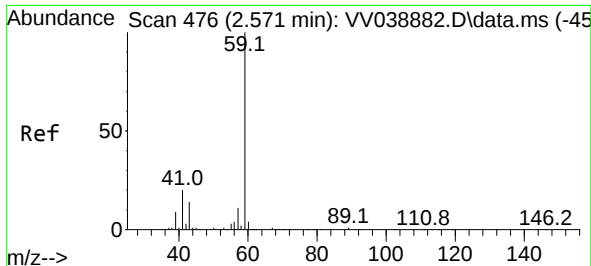
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#10
Methyl Iodide
Concen: 5.825 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:142 Resp: 30672
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 13.6 11.2 16.8





#11

Tert butyl alcohol

Concen: 25.103 ug/l

RT: 2.574 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 28189

Ion Ratio Lower Upper

59 100

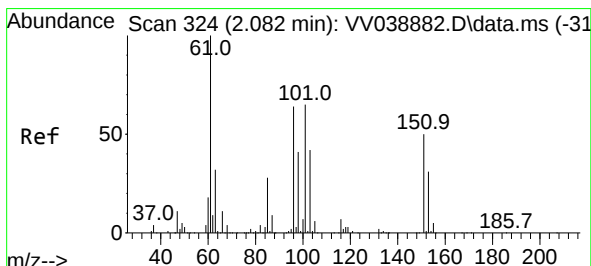
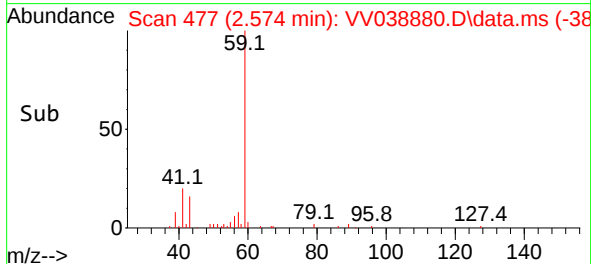
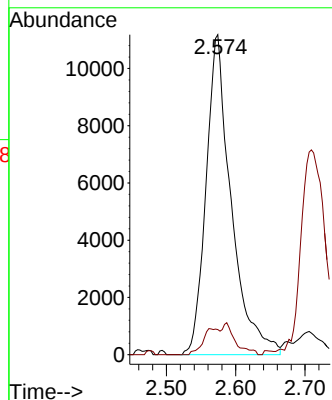
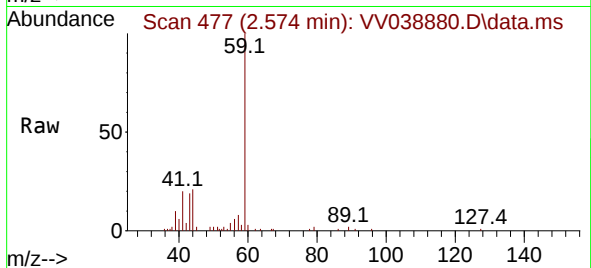
57 5.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#12

1,1-Dichloroethene

Concen: 5.963 ug/l

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

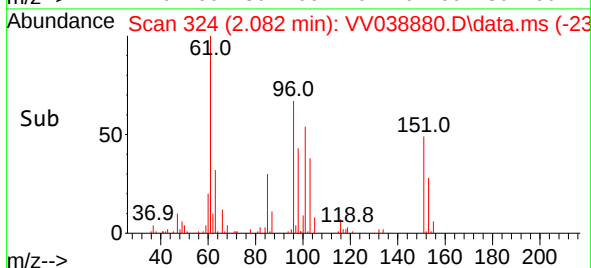
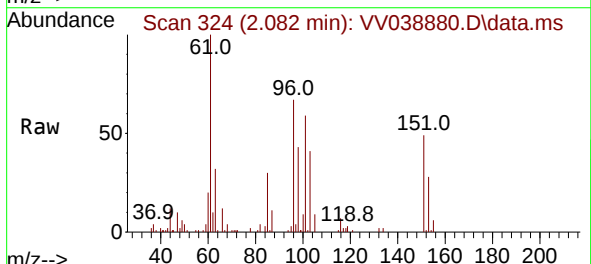
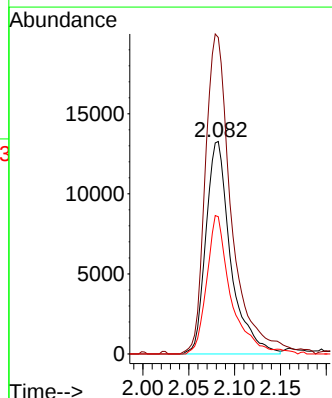
Tgt Ion: 96 Resp: 24920

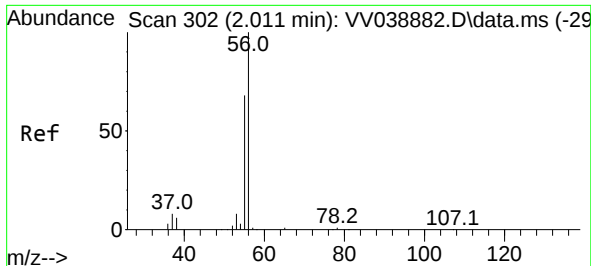
Ion Ratio Lower Upper

96 100

61 149.0 124.1 186.1

98 64.7 50.6 75.8





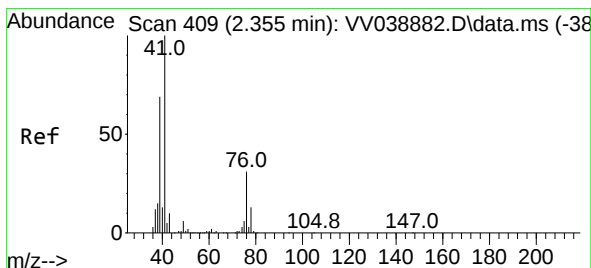
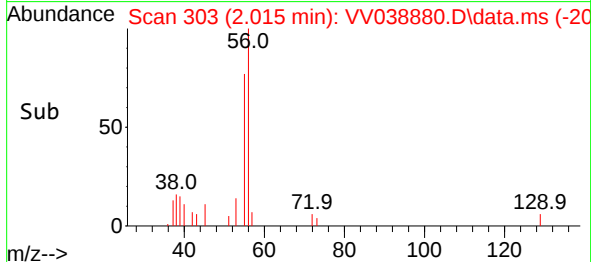
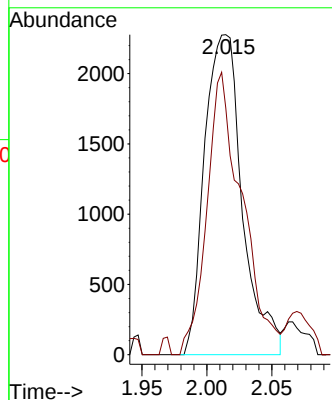
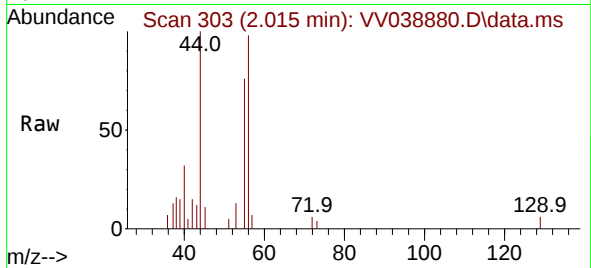
#13
Acrolein
Concen: 28.419 ug/l
RT: 2.015 min Scan# 302
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 461
Ion Ratio Lower Upper
56 100
55 82.1 56.7 85.1

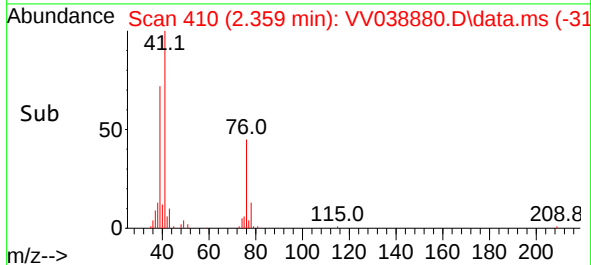
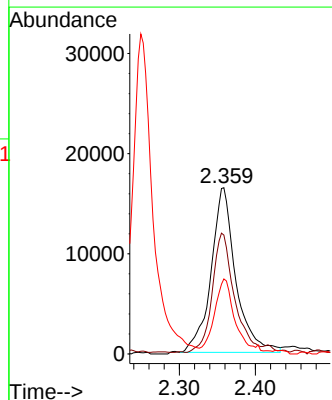
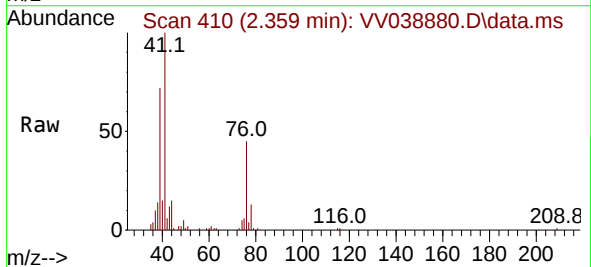
Manual Integrations
APPROVED

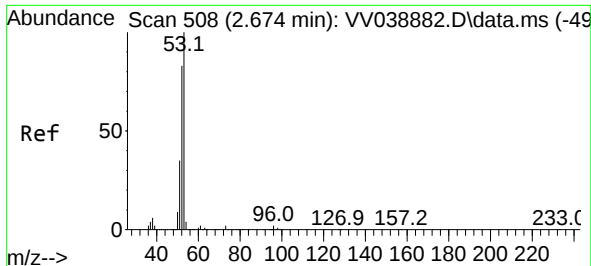
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#14
Allyl chloride
Concen: 5.588 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

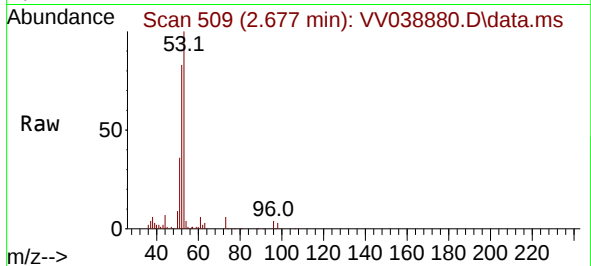
Tgt Ion: 41 Resp: 37206
Ion Ratio Lower Upper
41 100
39 64.1 50.6 76.0
76 36.2 30.4 45.6





#15
Acrylonitrile
Concen: 26.706 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

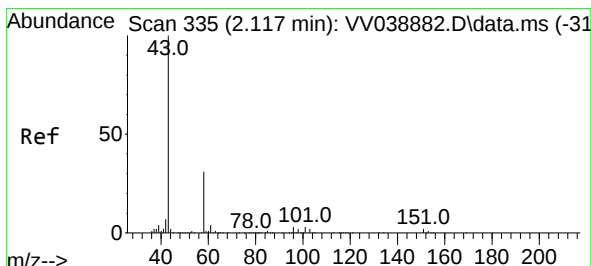
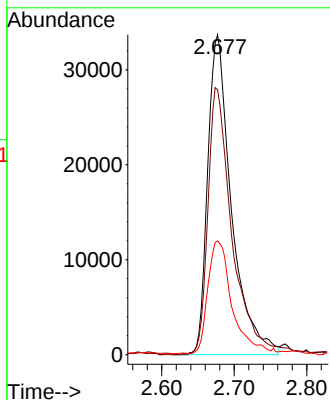
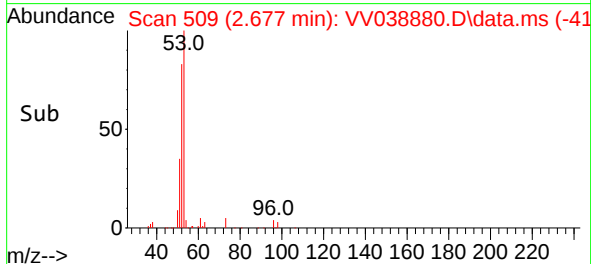
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 76744
Ion Ratio Lower Upper
53 100
52 85.2 66.6 99.8
51 35.6 28.7 43.1

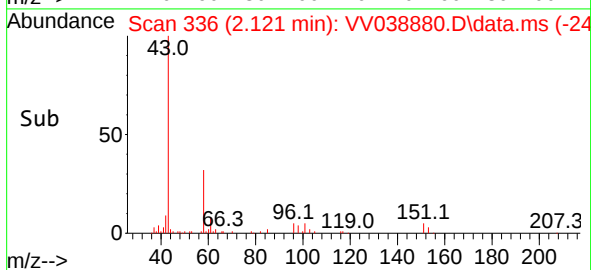
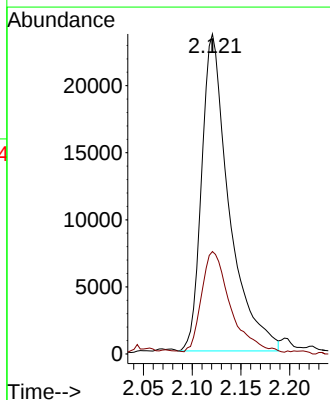
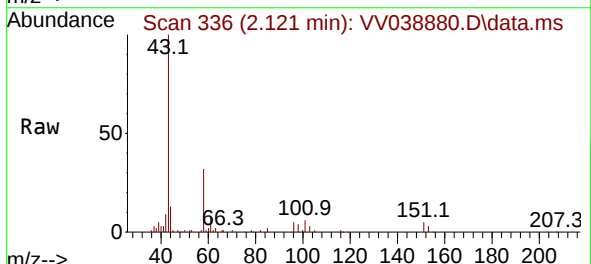
Manual Integrations
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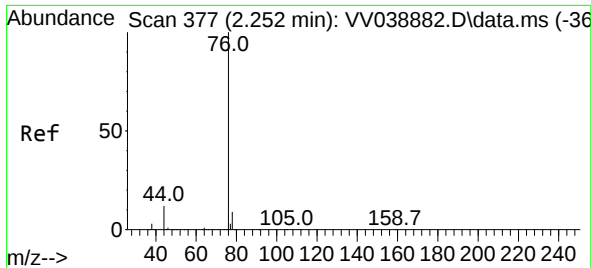
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#16
Acetone
Concen: 21.963 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 43 Resp: 46356
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6





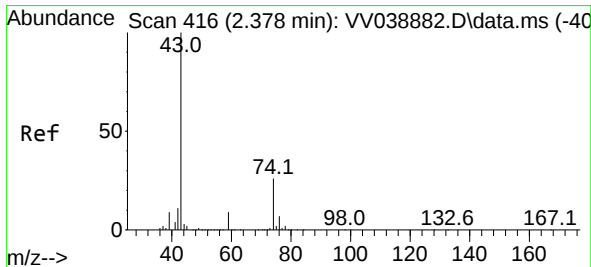
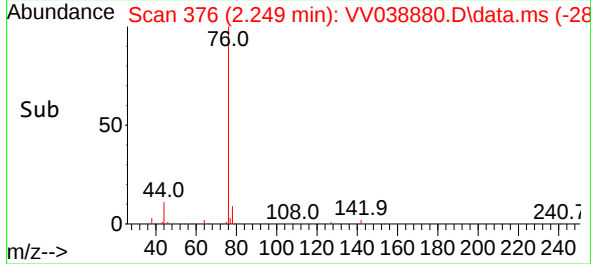
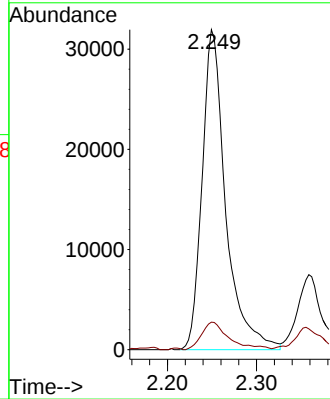
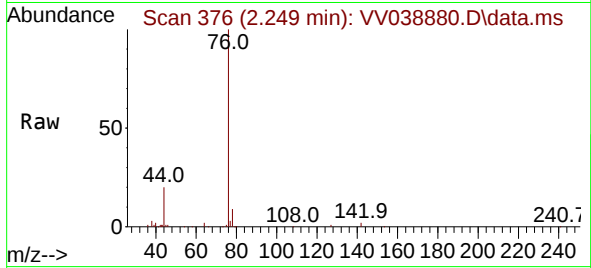
#17
Carbon Disulfide
Concen: 6.757 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 5871
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

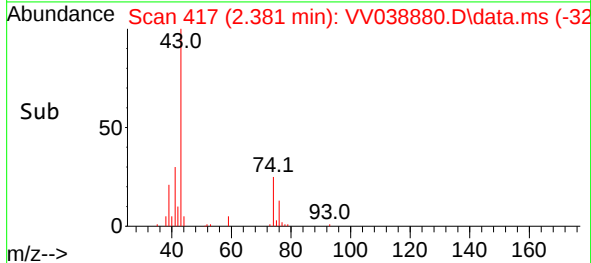
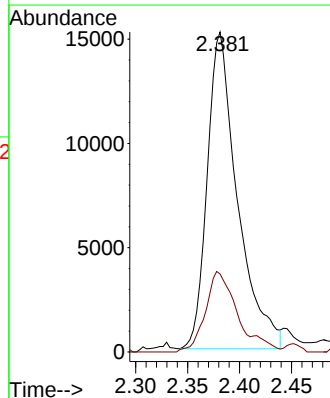
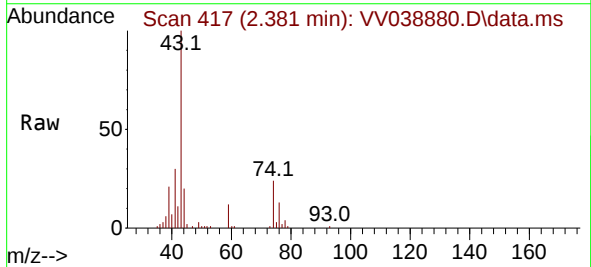
Manual Integrations
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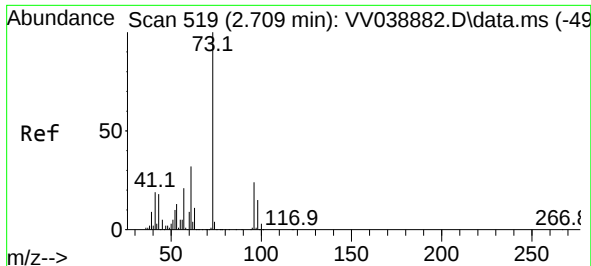
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#18
Methyl Acetate
Concen: 4.299 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 43 Resp: 30702
Ion Ratio Lower Upper
43 100
74 27.0 21.1 31.7





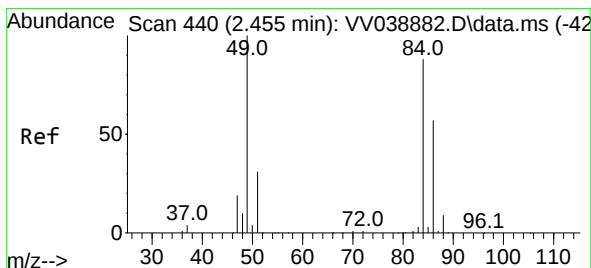
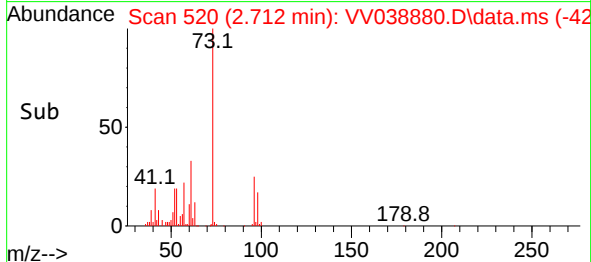
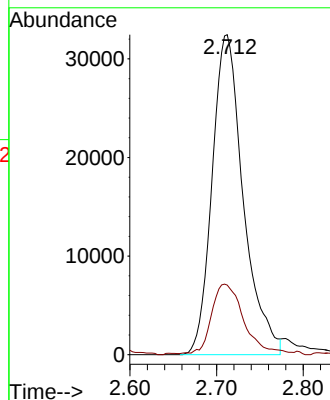
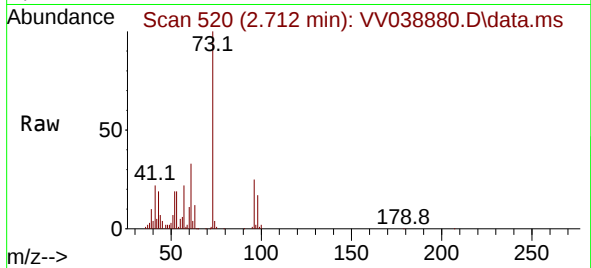
#19
Methyl tert-butyl Ether
Concen: 5.184 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 81228
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7

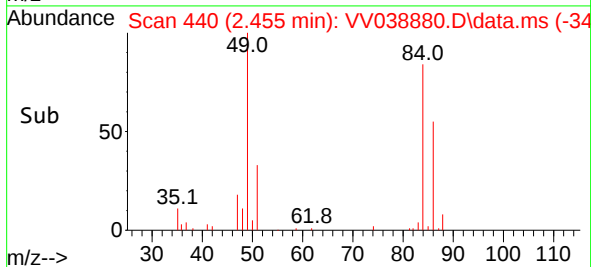
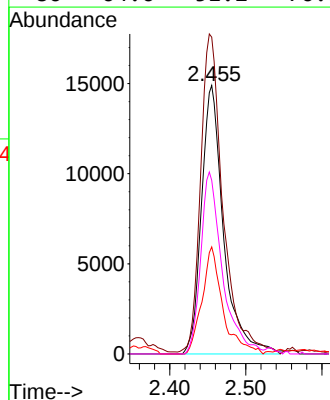
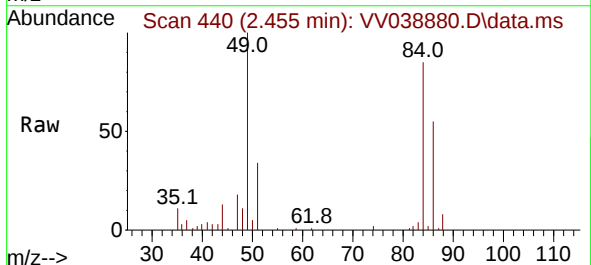
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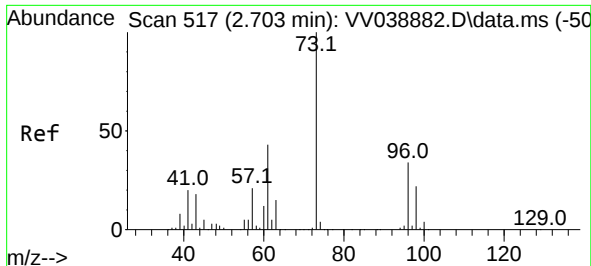
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#20
Methylene Chloride
Concen: 5.632 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 84 Resp: 30155
Ion Ratio Lower Upper
84 100
49 118.0 90.5 135.7
51 39.8 27.8 41.6
86 64.6 51.2 76.8





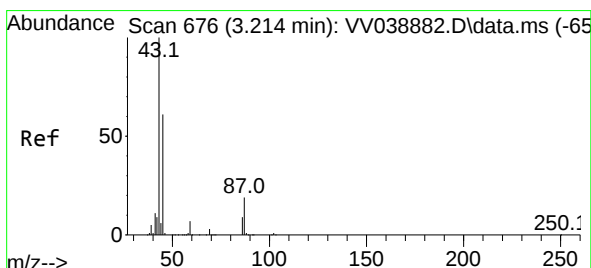
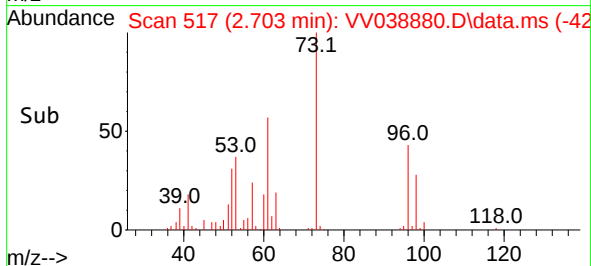
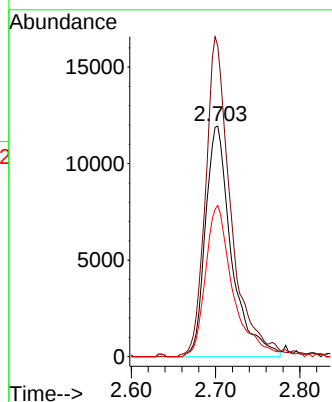
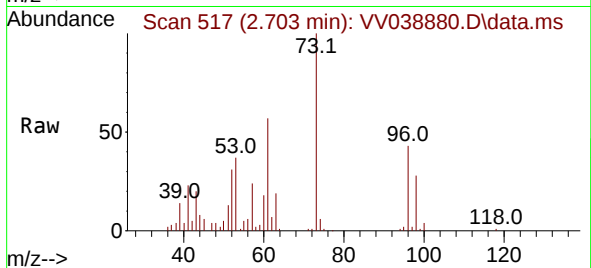
#21
trans-1,2-Dichloroethene
Concen: 5.763 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 25620
Ion Ratio Lower Upper
96 100
61 133.8 102.0 153.0
98 65.6 51.0 76.6

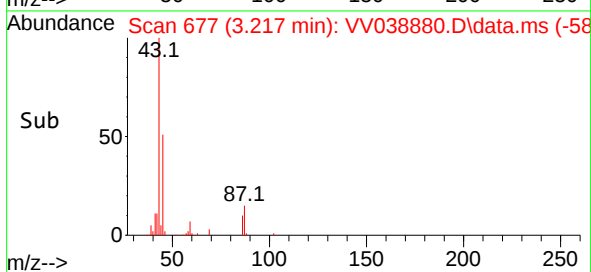
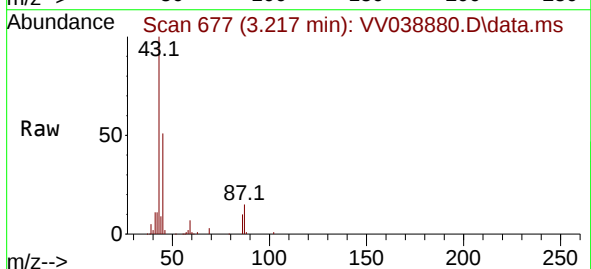
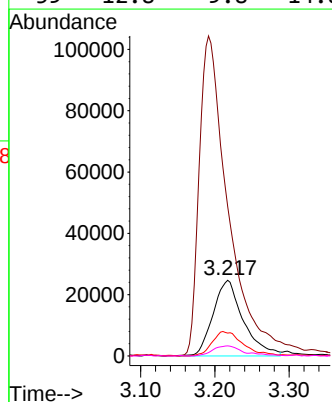
Manual Integrations
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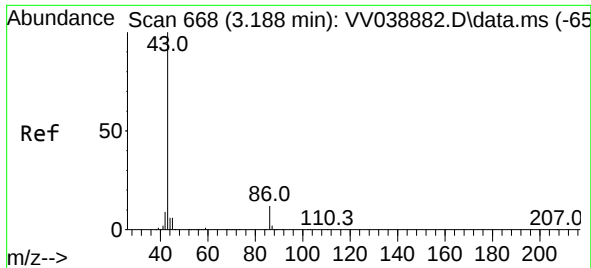
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#22
Diisopropyl ether
Concen: 5.247 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

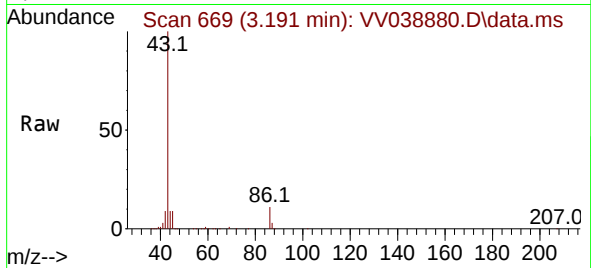
Tgt Ion: 45 Resp: 69801
Ion Ratio Lower Upper
45 100
43 196.1 132.1 198.1
87 30.3 25.0 37.4
59 12.8 9.8 14.8





#23
 Vinyl Acetate
 Concen: 27.581 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

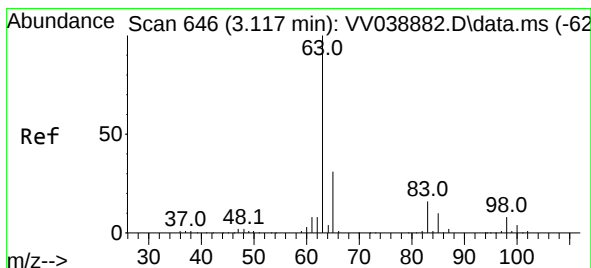
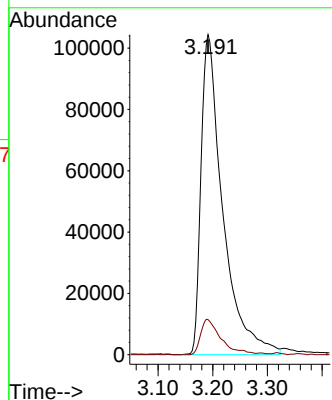
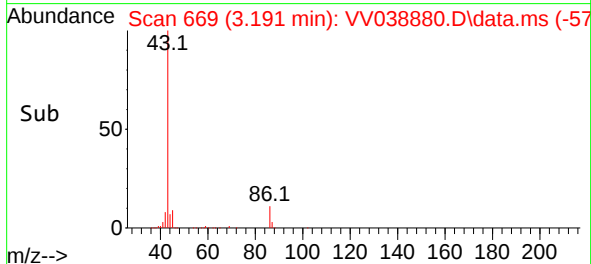
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005



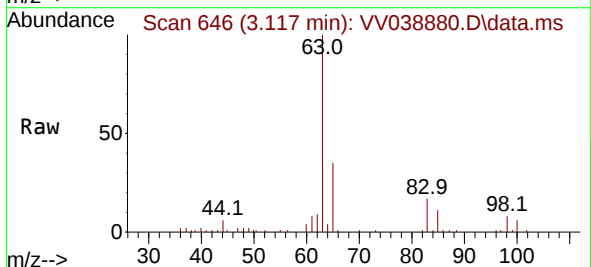
Tgt Ion: 43 Resp: 287709
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.8 14.6

Manual Integrations
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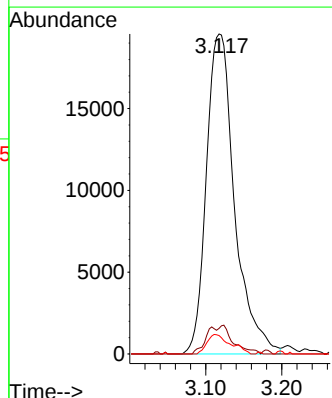
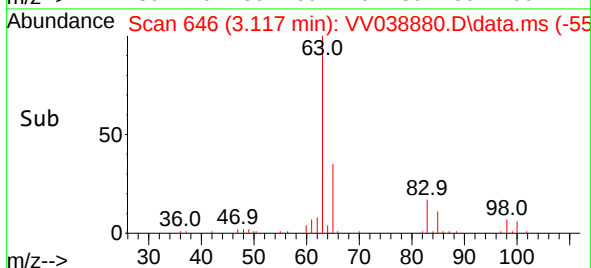
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

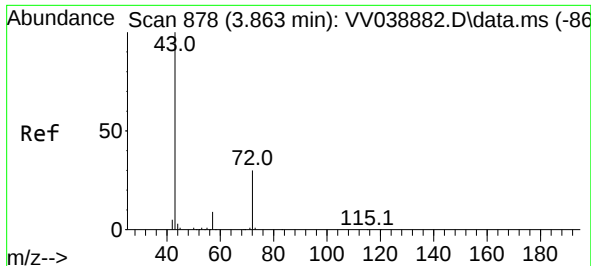


#24
 1,1-Dichloroethane
 Concen: 5.789 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47



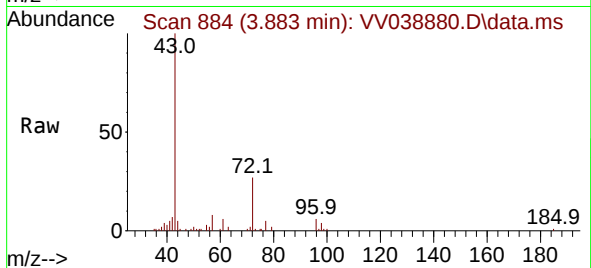
Tgt Ion: 63 Resp: 50439
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.7 2.2 6.6





#25
2-Butanone
Concen: 20.469 ug/l m
RT: 3.883 min Scan# 884
Delta R.T. 0.019 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

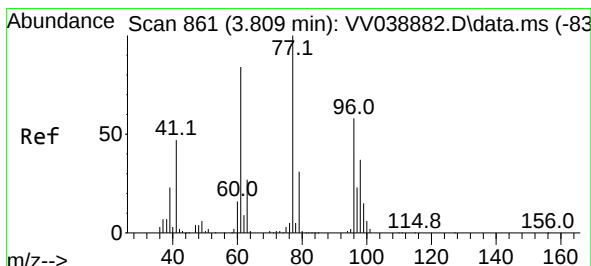
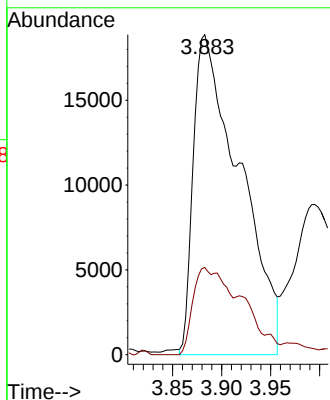
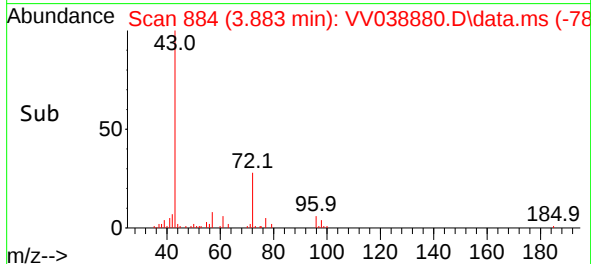
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 61849
Ion Ratio Lower Upper
43 100
72 27.3 23.9 35.9

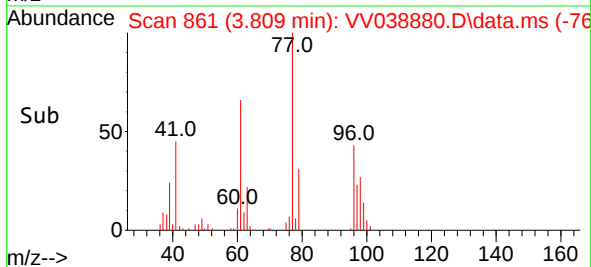
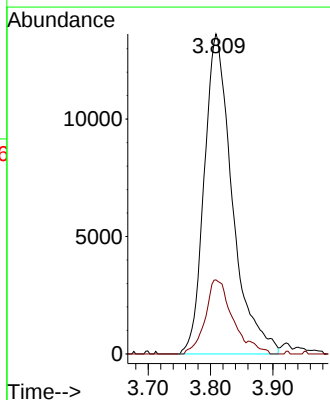
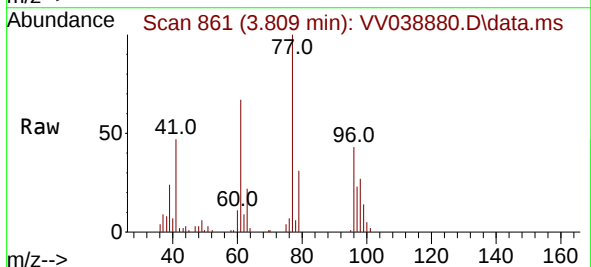
Manual Integrations
APPROVED

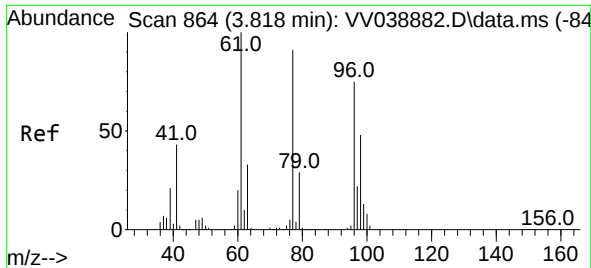
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#26
2,2-Dichloropropane
Concen: 5.586 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

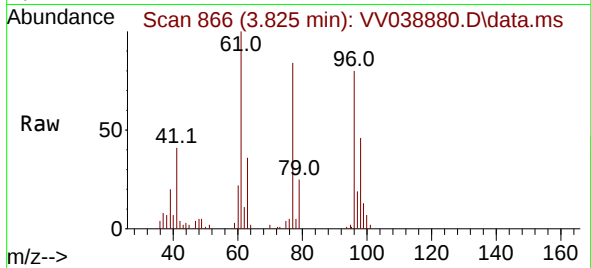
Tgt Ion: 77 Resp: 42613
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.389 ug/l
 RT: 3.825 min Scan# 864
 Delta R.T. 0.007 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

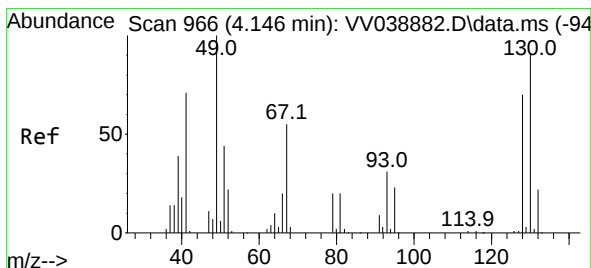
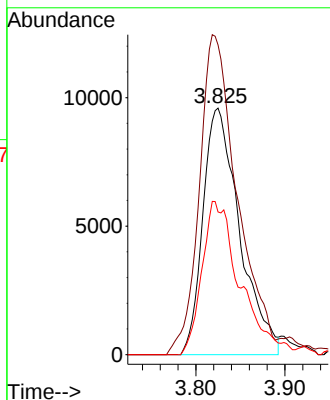
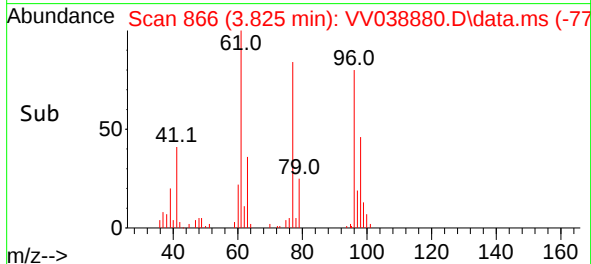
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 2751
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 275.0
 98 64.3 0.0 130.0

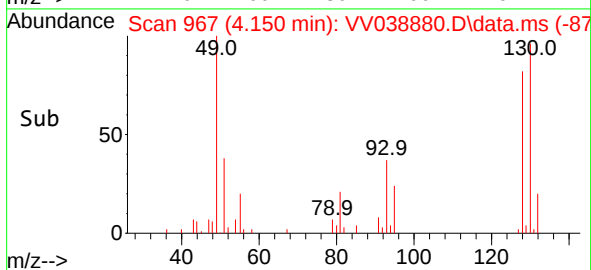
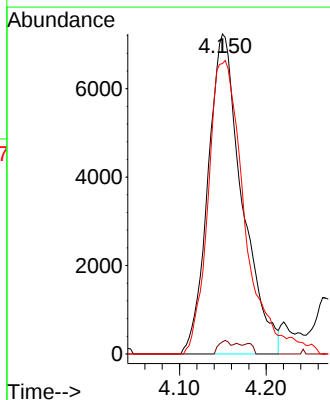
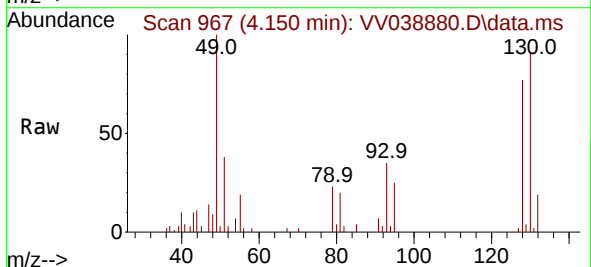
Manual Integrations
 APPROVED

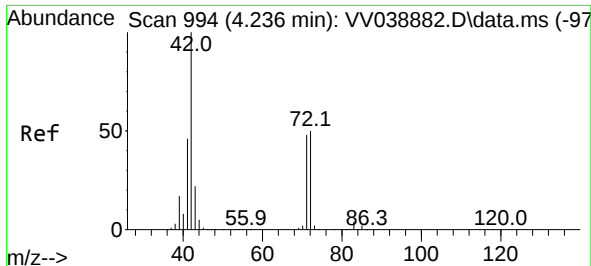
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#28
 Bromochloromethane
 Concen: 5.884 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.003 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

Tgt Ion: 49 Resp: 19842
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.8
 130 98.4 70.1 105.1





#29

Tetrahydrofuran

Concen: 22.064 ug/l

RT: 4.243 min Scan# 994

Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

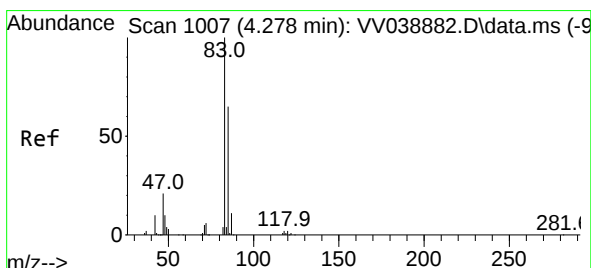
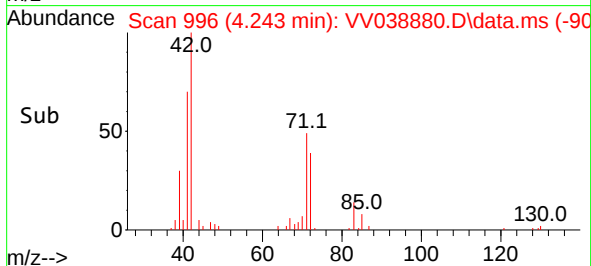
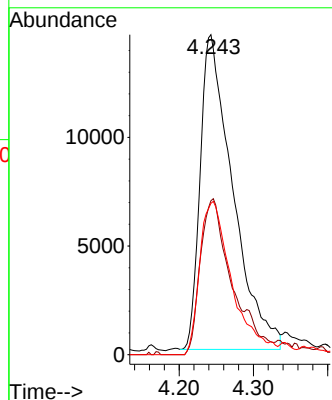
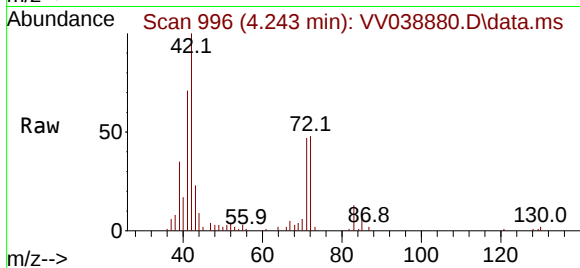
VSTDIC005

Tgt Ion:	42	Resp:	4399
Ion Ratio	Lower	Upper	
42	100		
72	48.7	41.6	62.4
71	48.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#30

Chloroform

Concen: 5.425 ug/l

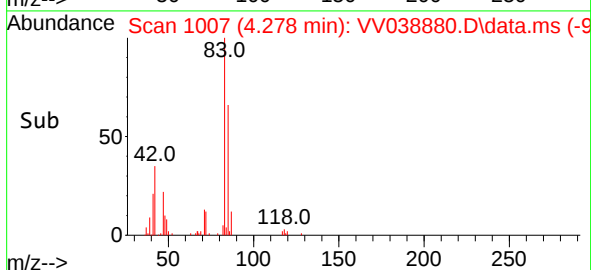
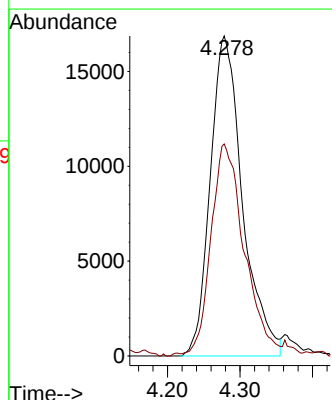
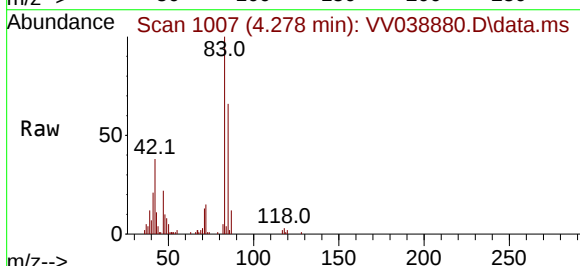
RT: 4.278 min Scan# 1007

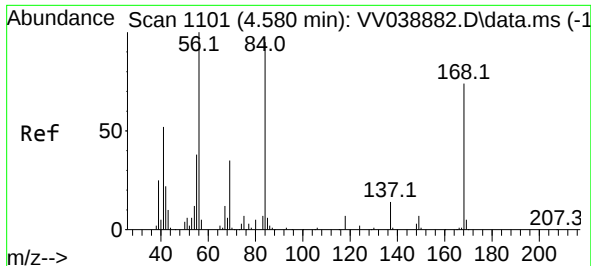
Delta R.T. 0.000 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

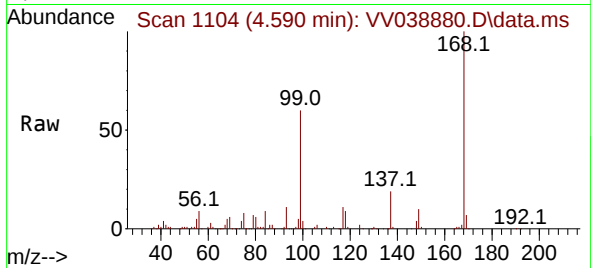
Tgt Ion:	83	Resp:	52106
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.2	78.4





#31
Cyclohexane
Concen: 6.596 ug/l
RT: 4.590 min Scan# 1101
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

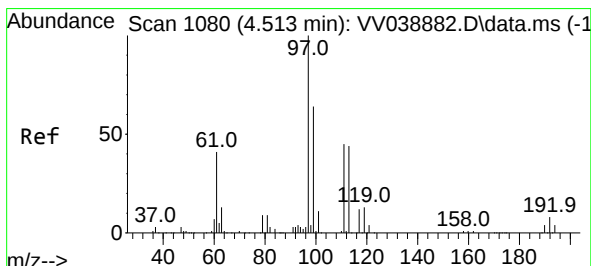
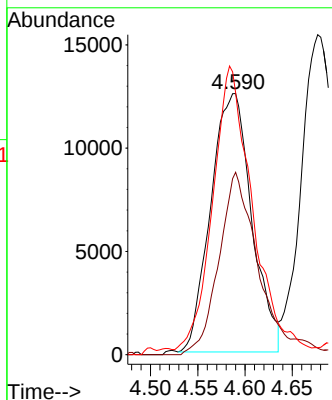
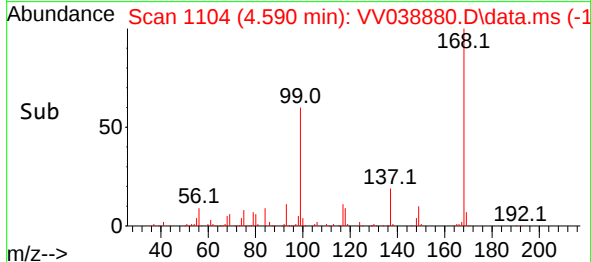
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 3772
Ion Ratio Lower Upper
56 100
69 70.6 28.2 42.2
84 98.4 76.0 114.0

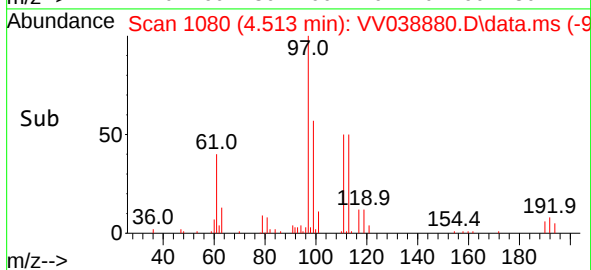
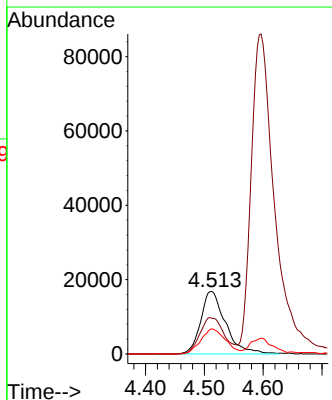
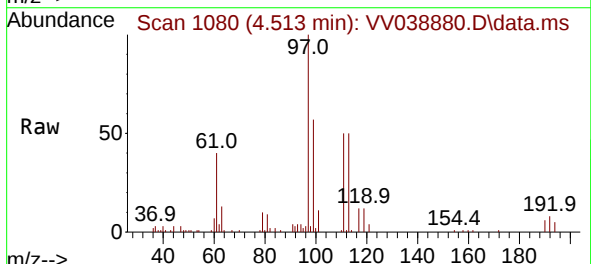
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#32
1,1,1-Trichloroethane
Concen: 5.891 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 97 Resp: 49368
Ion Ratio Lower Upper
97 100
99 57.0 50.1 75.1
61 39.8 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 6.406 ug/l

RT: 4.953 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 31240

Ion Ratio Lower Upper

65 100

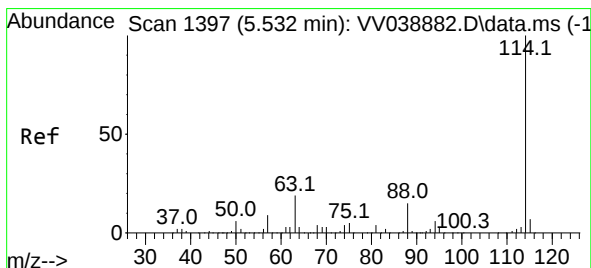
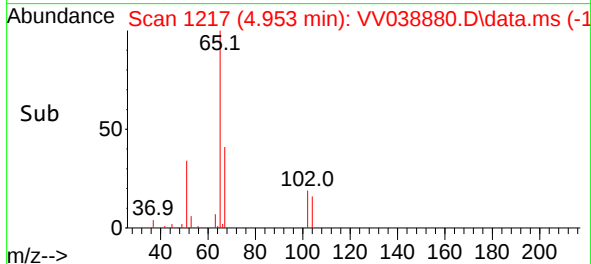
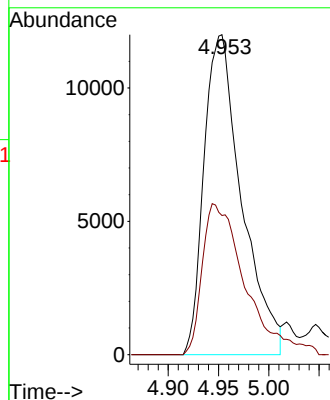
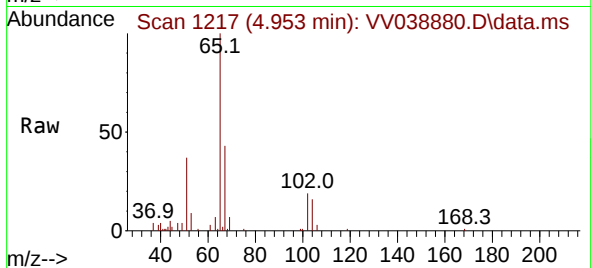
67 53.7 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

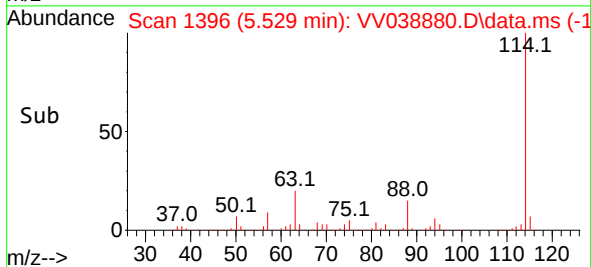
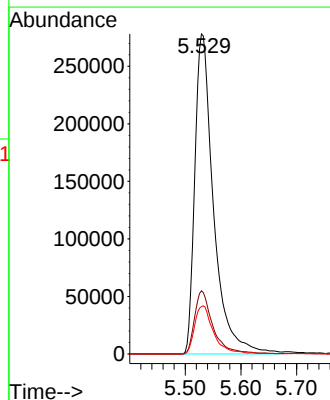
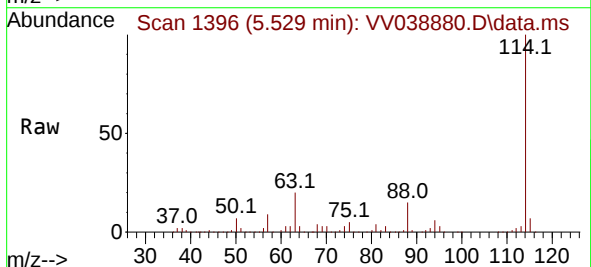
Tgt Ion:114 Resp: 649537

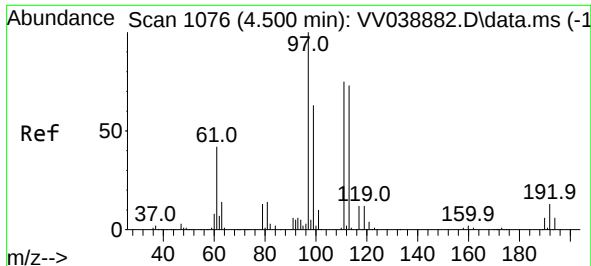
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.2

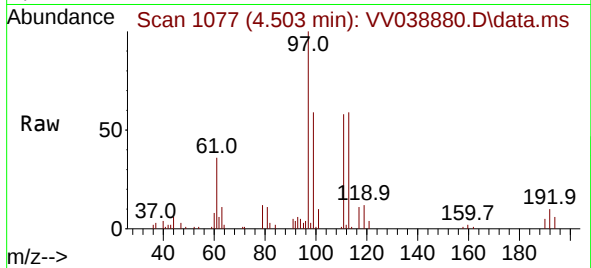
88 14.8 0.0 30.8





#35
Dibromofluoromethane
Concen: 6.130 ug/l
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

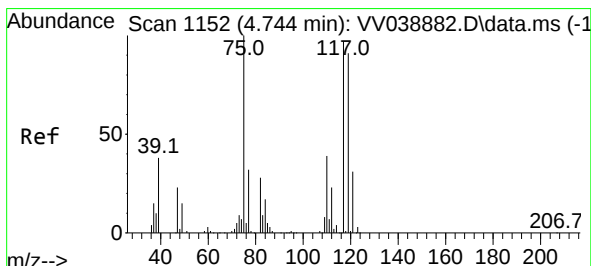
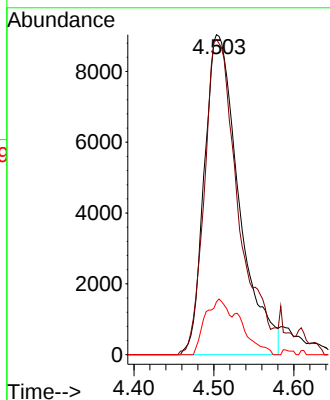
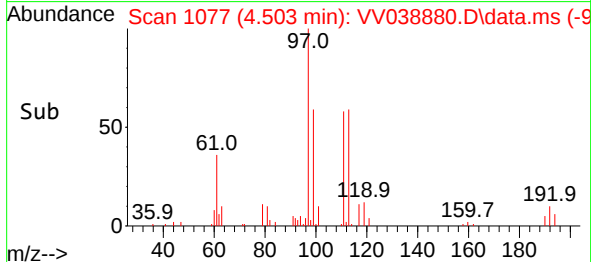
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 2714
Ion Ratio Lower Upper
113 100
111 95.5 83.3 124.9
192 12.0 14.2 21.4

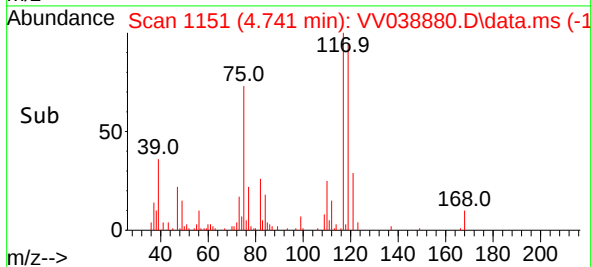
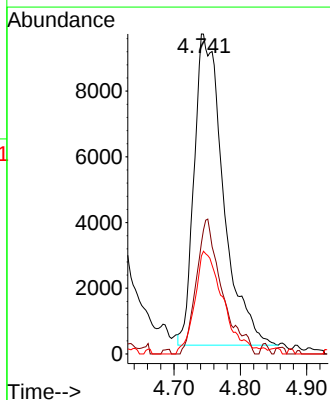
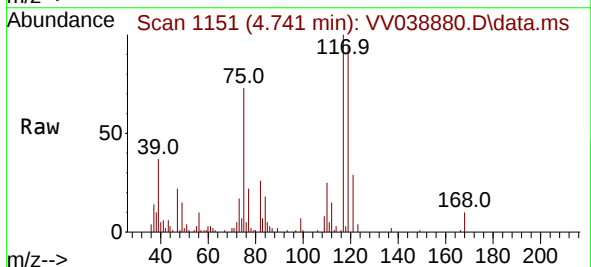
Manual Integrations
APPROVED

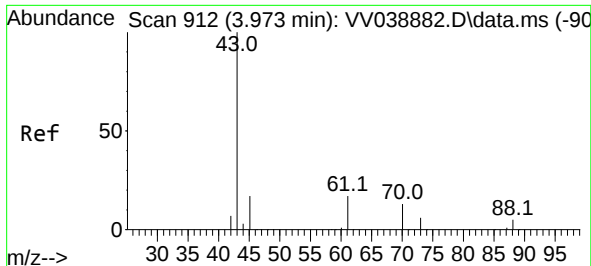
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#36
1,1-Dichloropropene
Concen: 5.681 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 75 Resp: 28915
Ion Ratio Lower Upper
75 100
110 37.9 18.8 56.3
77 32.2 24.2 36.4





#37

Ethyl Acetate

Concen: 4.739 ug/l

RT: 3.992 min Scan# 912

Delta R.T. 0.019 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 2839

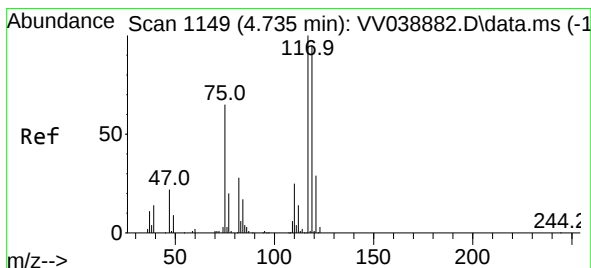
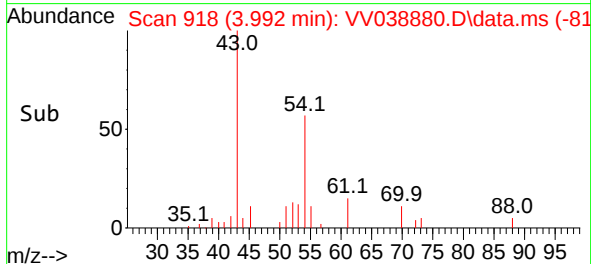
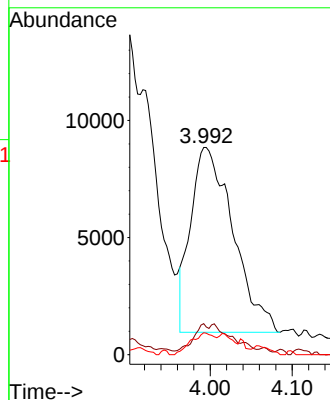
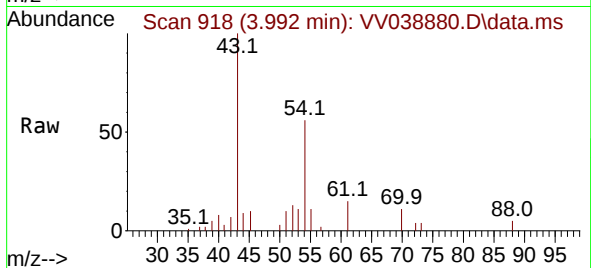
Ion	Ratio	Lower	Upper
43	100		
61	5.1	11.1	16.7
70	6.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#38

Carbon Tetrachloride

Concen: 5.491 ug/l

RT: 4.735 min Scan# 1149

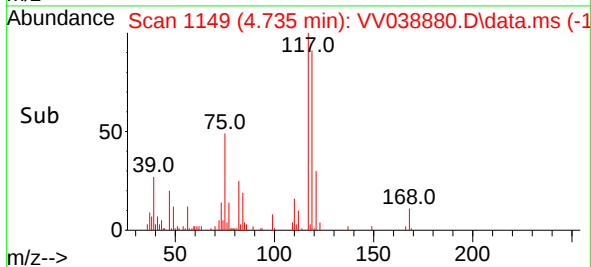
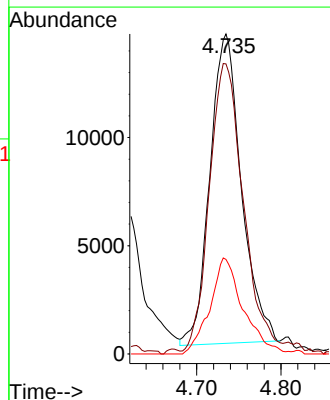
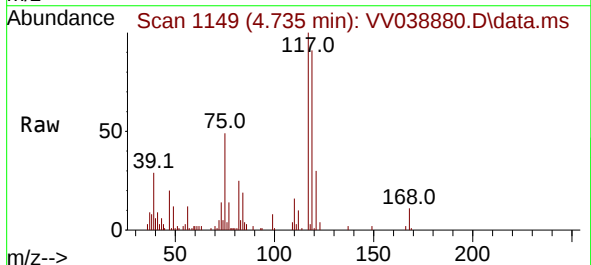
Delta R.T. 0.000 min

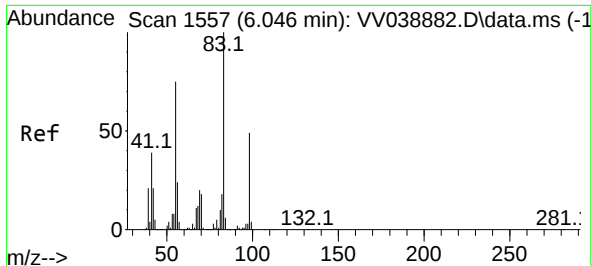
Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:117 Resp: 37119

Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.0	114.0
121	30.8	23.1	34.7





#39

Methylcyclohexane

Concen: 5.589 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

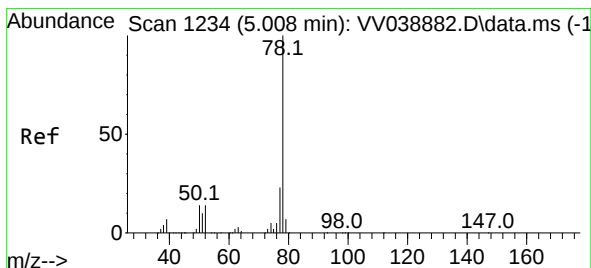
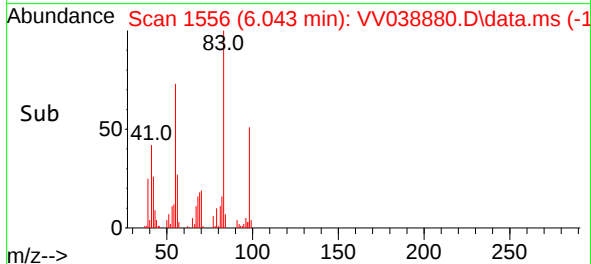
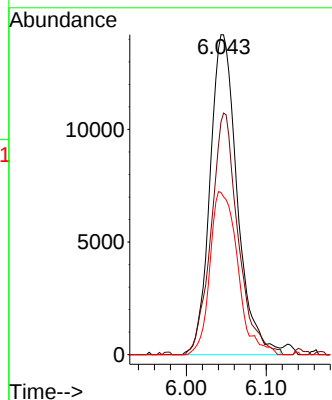
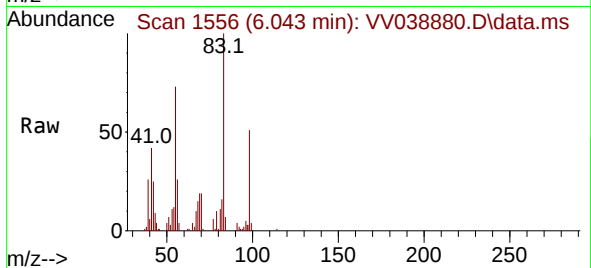
Tgt Ion:	83	Resp:	3356
Ion	Ratio	Lower	Upper
83	100		
55	72.8	60.0	90.0
98	50.7	39.0	58.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#40

Benzene

Concen: 5.612 ug/l

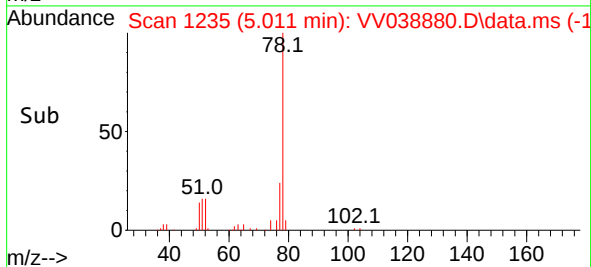
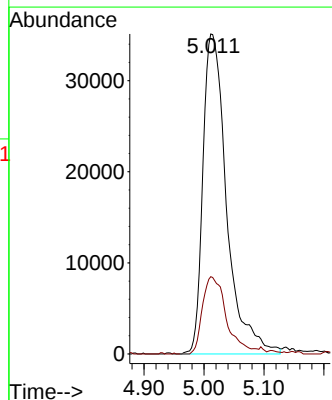
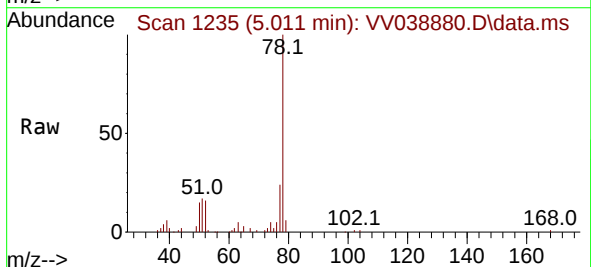
RT: 5.011 min Scan# 1235

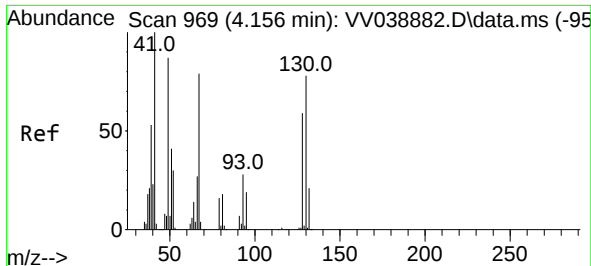
Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

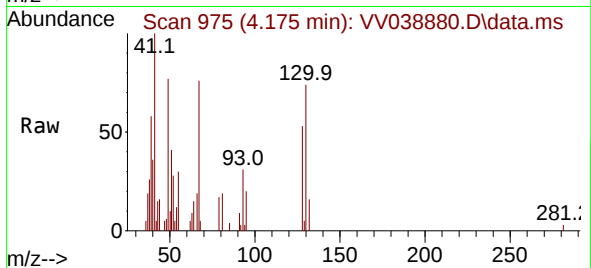
Tgt Ion:	78	Resp:	96832
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41
Methacrylonitrile
Concen: 3.844 ug/l m
RT: 4.175 min Scan# 91
Delta R.T. 0.019 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

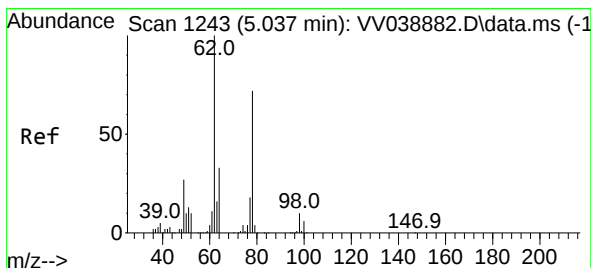
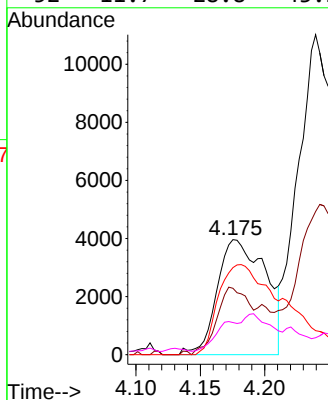
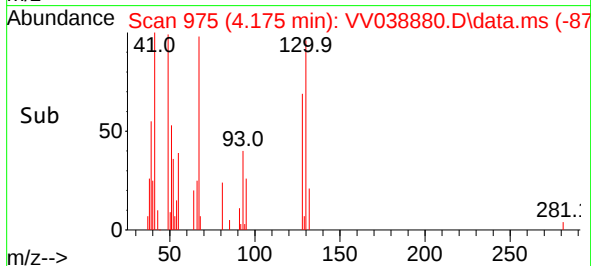
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 10438
Ion Ratio Lower Upper
41 100
39 39.0 42.0 63.0
67 0.0 76.2 114.2
52 11.7 28.8 43.2

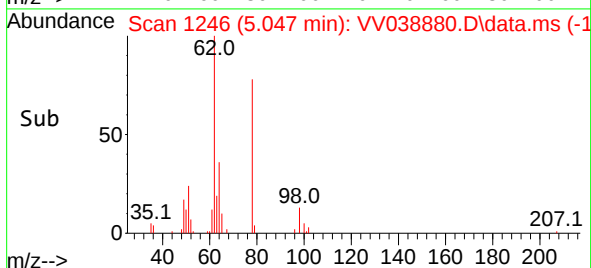
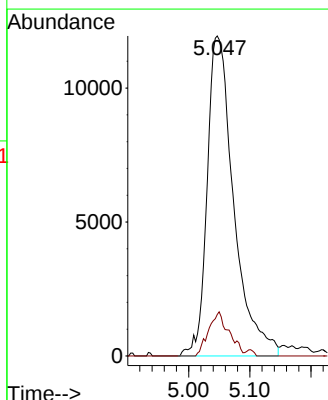
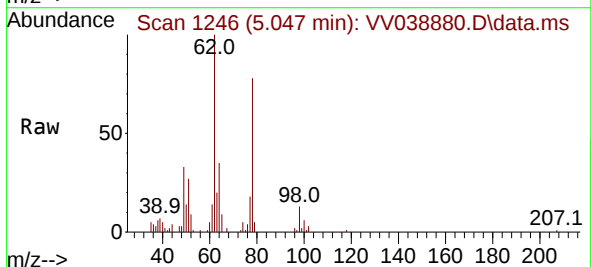
Manual Integrations
APPROVED

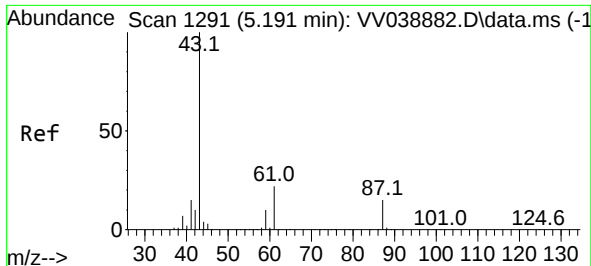
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#42
1,2-Dichloroethane
Concen: 5.498 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

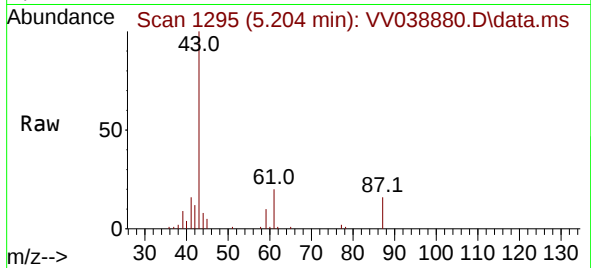
Tgt Ion: 62 Resp: 36157
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.8





#43
Isopropyl Acetate
Concen: 4.700 ug/l
RT: 5.204 min Scan# 1295
Delta R.T. 0.013 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

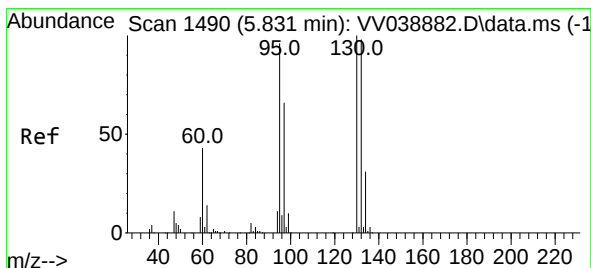
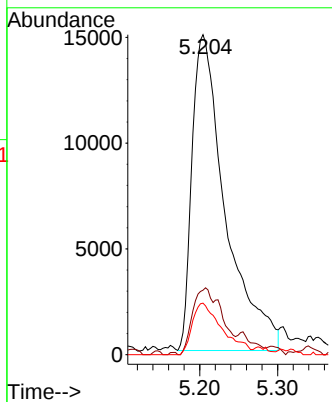
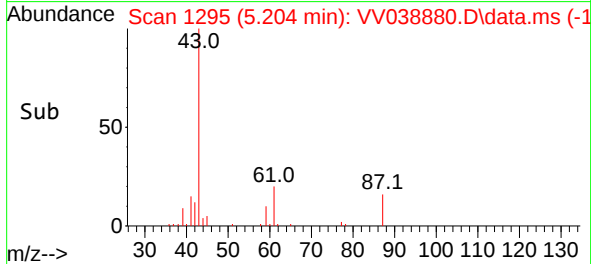
Instrument : MSVOA_V
ClientSampleId : VSTDIC005



Tgt Ion: 43 Resp: 4454
Ion Ratio Lower Upper
43 100
61 18.4 17.1 25.7
87 14.8 12.2 18.4

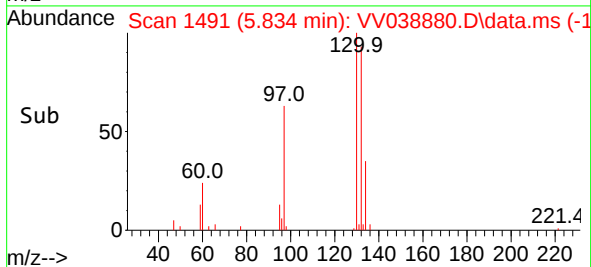
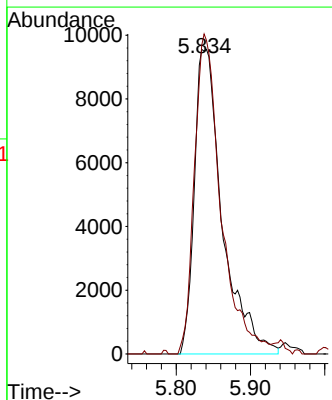
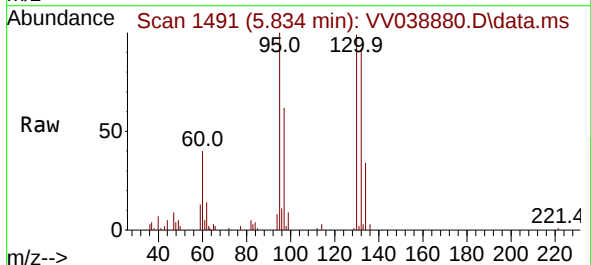
Manual Integrations
APPROVED

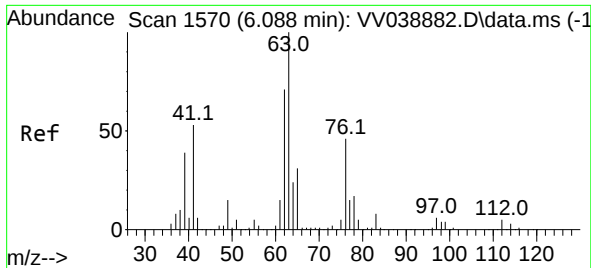
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#44
Trichloroethene
Concen: 5.583 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:130 Resp: 25169
Ion Ratio Lower Upper
130 100
95 101.4 0.0 191.2





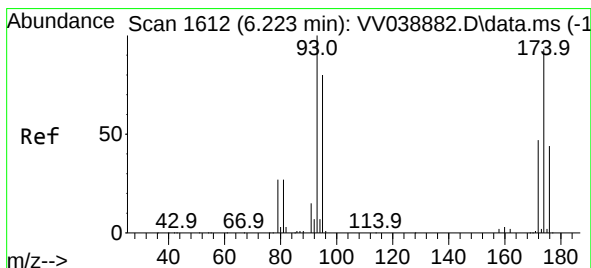
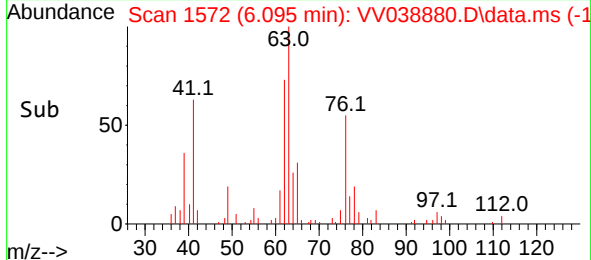
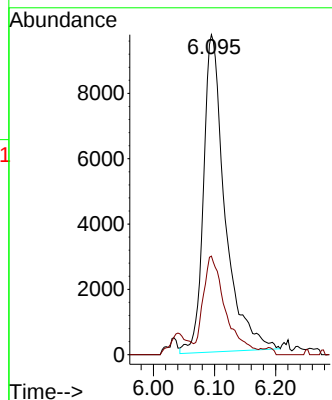
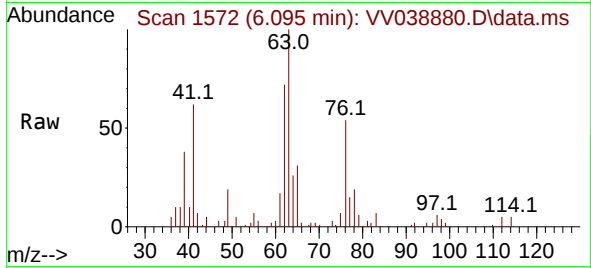
#45
1,2-Dichloropropane
Concen: 5.218 ug/l
RT: 6.095 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 2378
Ion Ratio Lower Upper
63 100
65 31.4 24.9 37.3

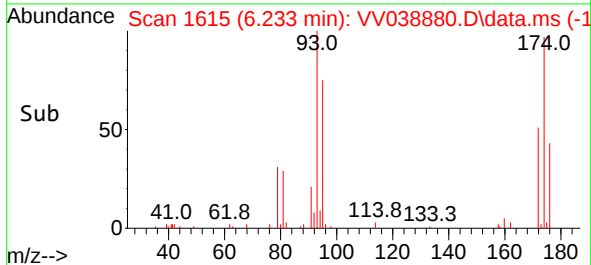
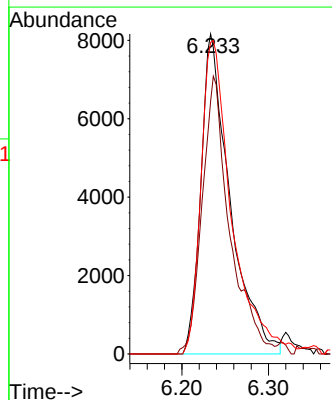
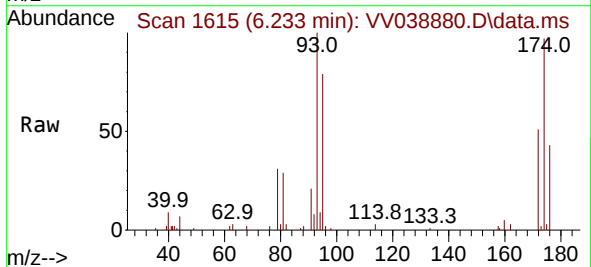
Manual Integrations
APPROVED

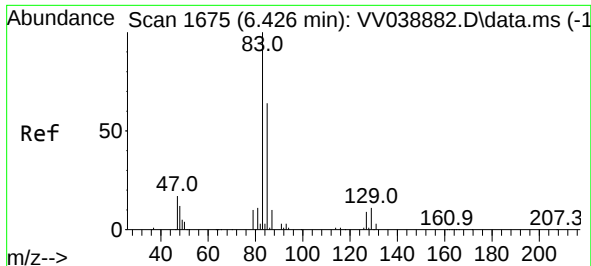
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#46
Dibromomethane
Concen: 5.421 ug/l
RT: 6.233 min Scan# 1615
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 93 Resp: 19117
Ion Ratio Lower Upper
93 100
95 81.9 66.2 99.4
174 103.0 75.3 112.9





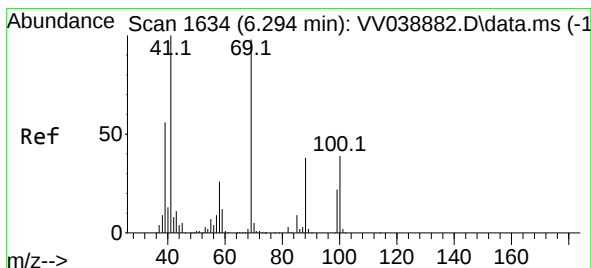
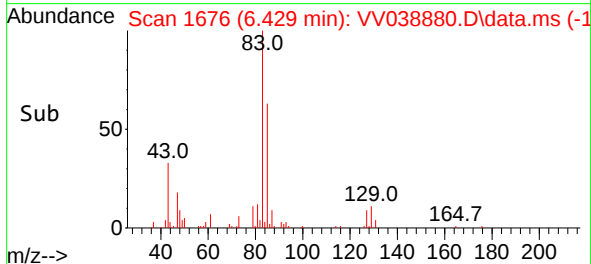
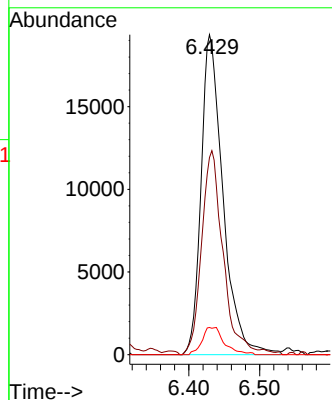
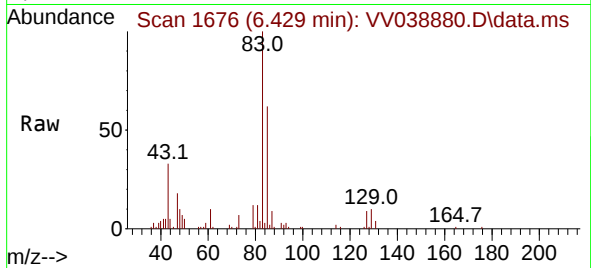
#47
Bromodichloromethane
Concen: 5.555 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4157
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.0
127 8.5 6.9 10.3

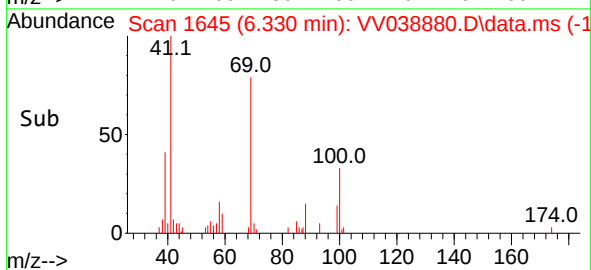
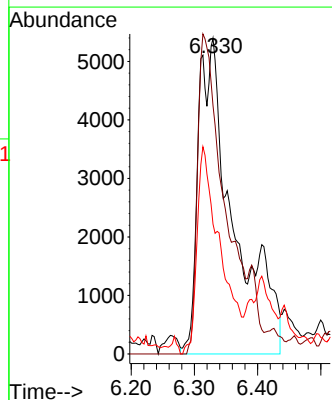
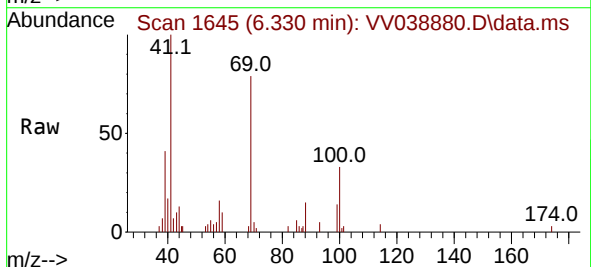
Manual Integrations
APPROVED

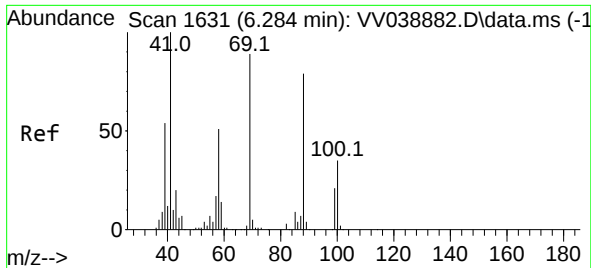
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#48
Methyl methacrylate
Concen: 5.062 ug/l m
RT: 6.330 min Scan# 1645
Delta R.T. 0.035 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

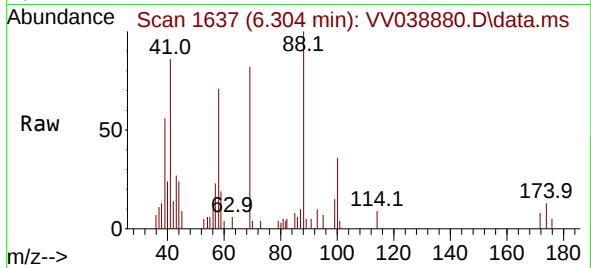
Tgt Ion: 41 Resp: 21007
Ion Ratio Lower Upper
41 100
69 74.0 79.4 119.2#
39 42.8 44.0 66.0#





#49
1,4-Dioxane
Concen: 87.511 ug/l m
RT: 6.304 min Scan# 1631
Delta R.T. 0.019 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

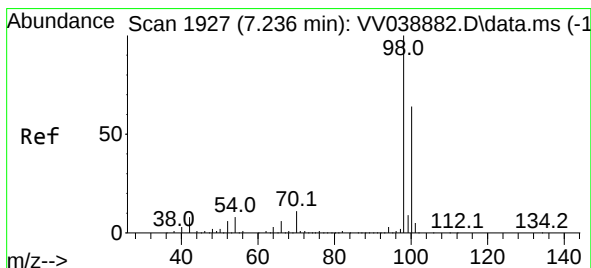
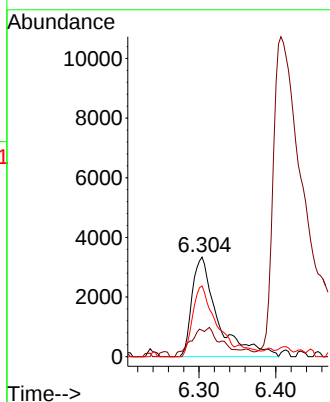
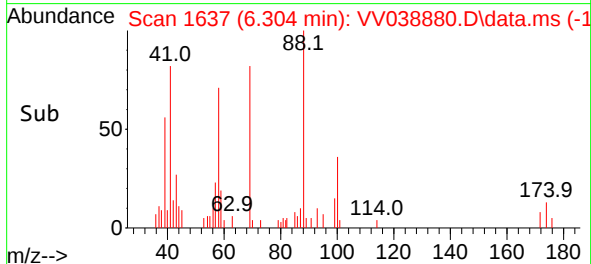
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 7795
Ion Ratio Lower Upper
88 100
43 15.9 23.0 34.4
58 62.4 53.8 80.6

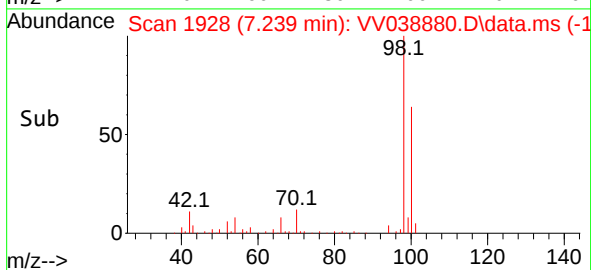
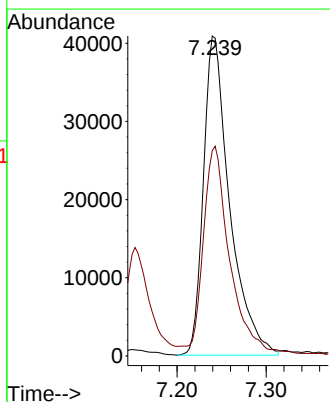
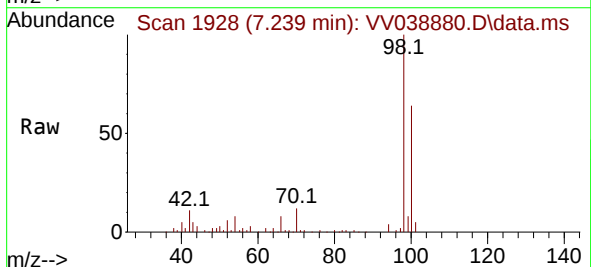
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#50
Toluene-d8
Concen: 6.249 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 98 Resp: 83648
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3





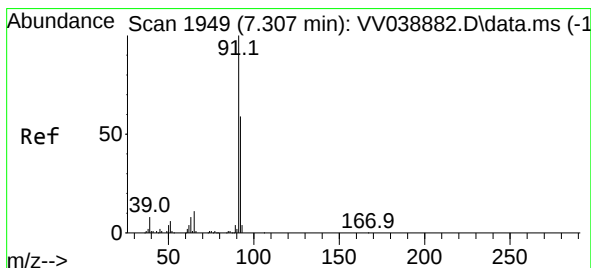
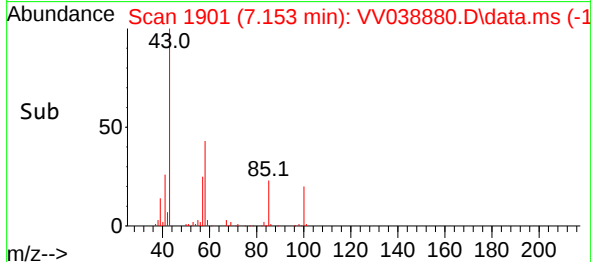
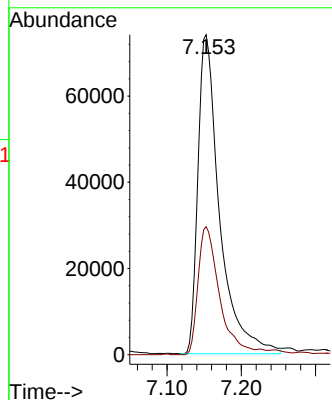
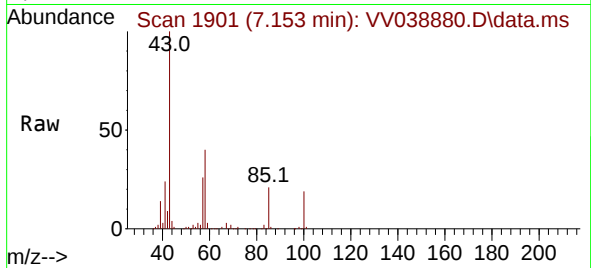
#51
4-Methyl-2-Pentanone
Concen: 23.322 ug/l
RT: 7.153 min Scan# 1901
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 15050
Ion Ratio Lower Upper
43 100
58 39.4 34.5 51.7

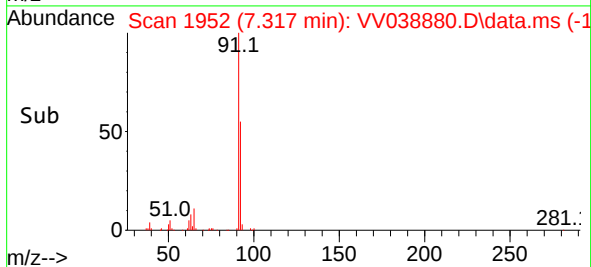
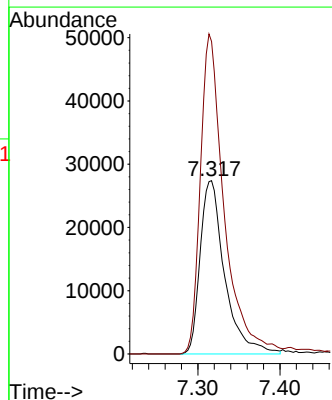
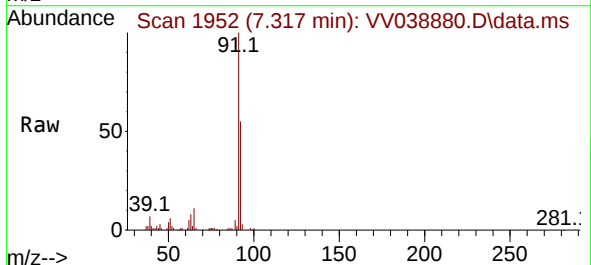
Manual Integrations
APPROVED

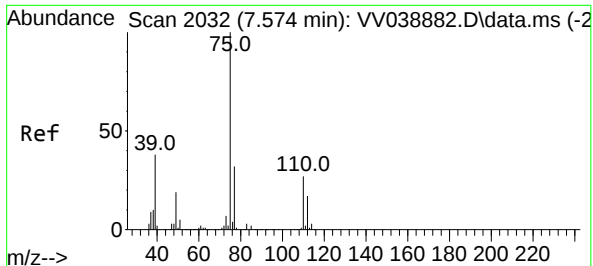
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#52
Toluene
Concen: 5.235 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 92 Resp: 56897
Ion Ratio Lower Upper
92 100
91 178.9 137.1 205.7





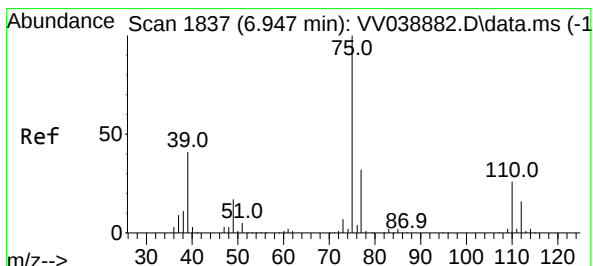
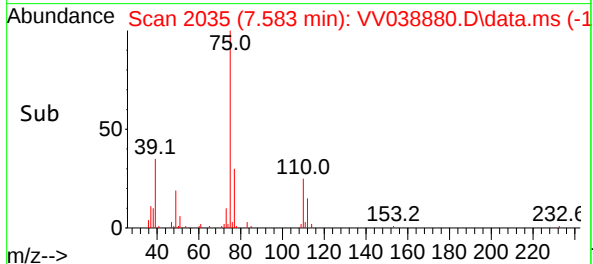
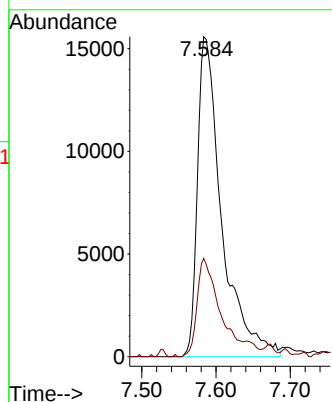
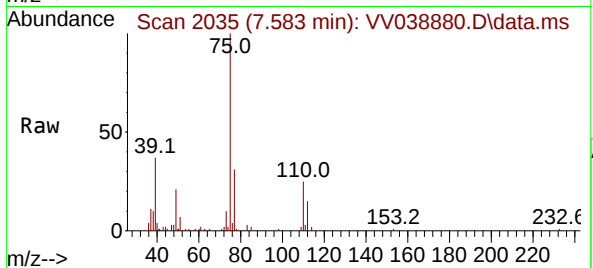
#53
t-1,3-Dichloropropene
Concen: 5.221 ug/l
RT: 7.583 min Scan# 2035
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 35350
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0

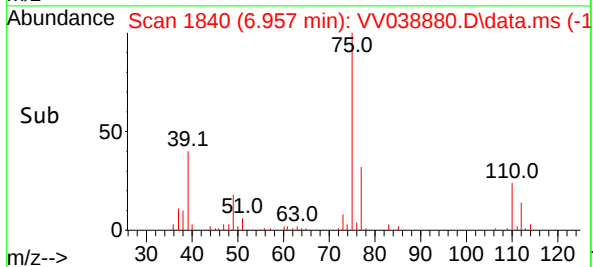
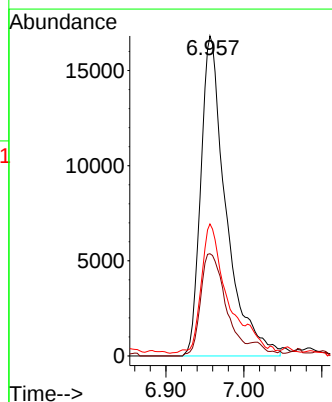
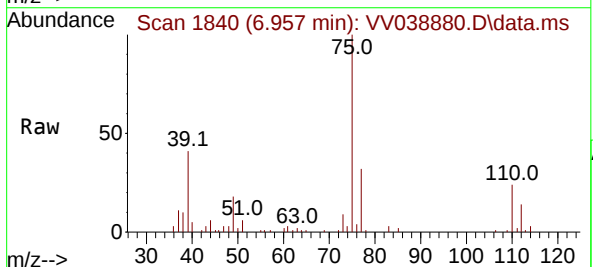
Manual Integrations
APPROVED

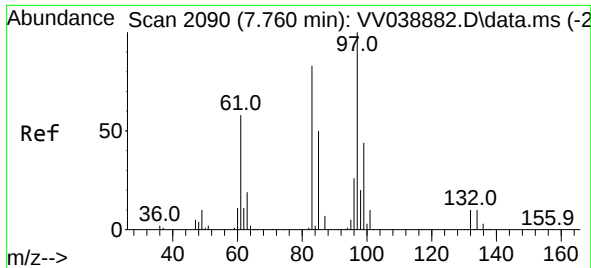
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#54
cis-1,3-Dichloropropene
Concen: 5.158 ug/l
RT: 6.957 min Scan# 1840
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

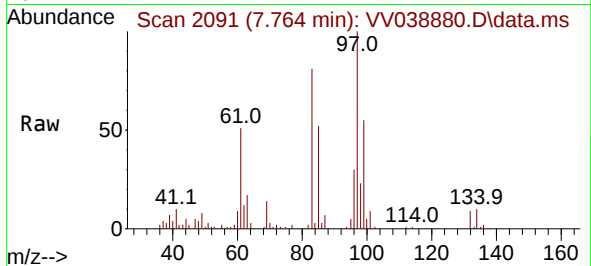
Tgt Ion: 75 Resp: 37760
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 39.7 33.1 49.7





#55
1,1,2-Trichloroethane
Concen: 5.664 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

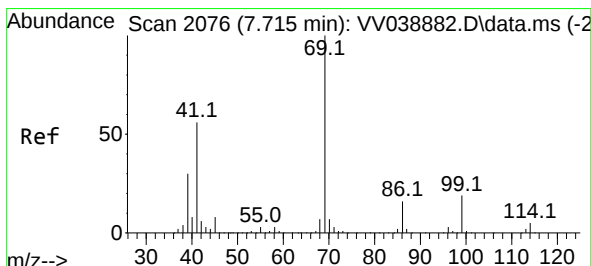
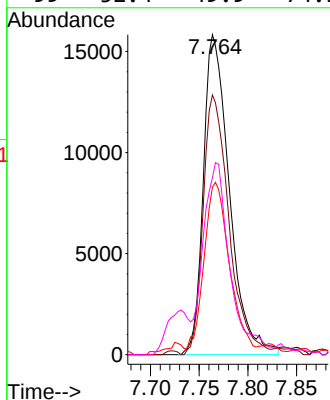
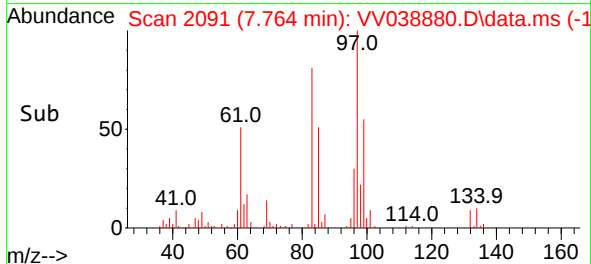
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	66.2	99.4
85	50.4	41.4	62.2
99	52.4	49.9	74.9

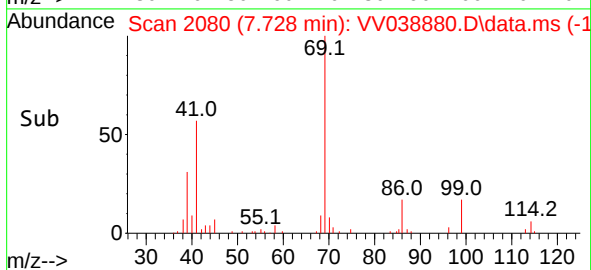
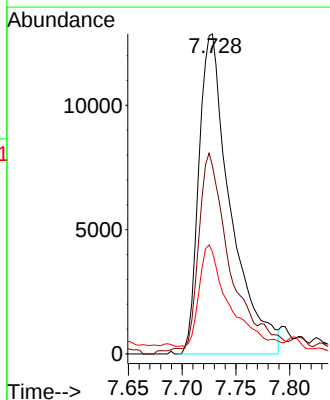
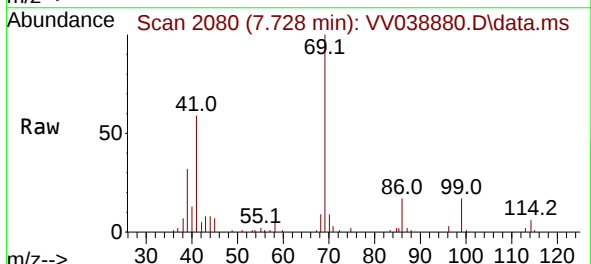
Manual Integrations
APPROVED

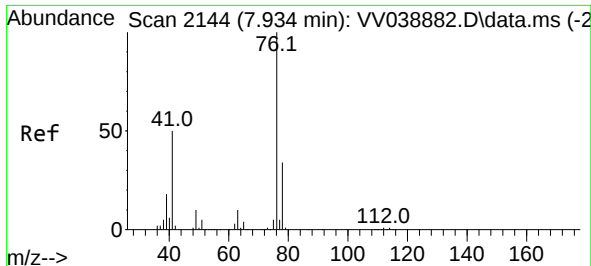
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#56
Ethyl methacrylate
Concen: 4.272 ug/l
RT: 7.728 min Scan# 2080
Delta R.T. 0.013 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

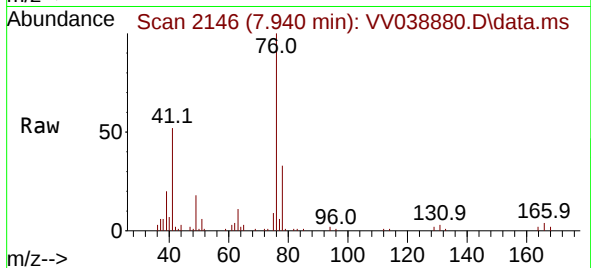
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	45.7	68.5
39	29.8	23.8	35.8





#57
1,3-Dichloropropane
Concen: 5.408 ug/l
RT: 7.940 min Scan# 2144
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

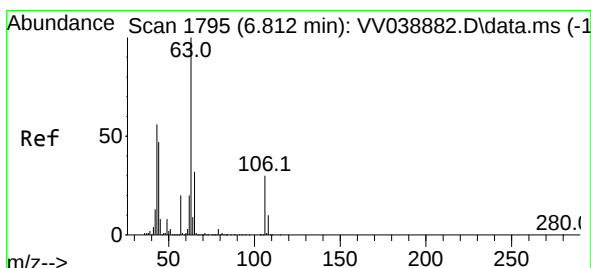
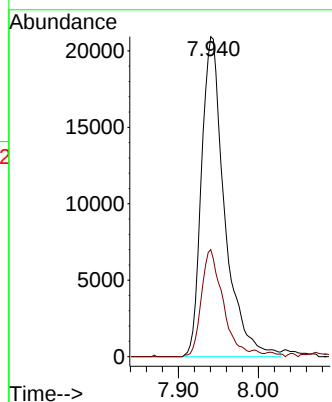
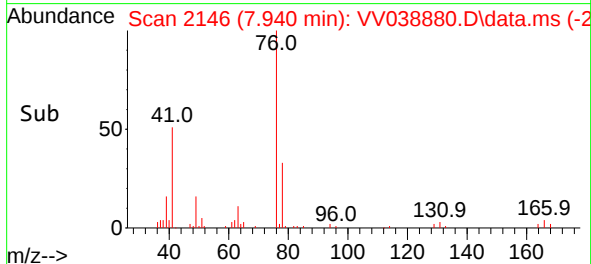
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 4212
Ion Ratio Lower Upper
76 100
78 30.9 26.8 40.2

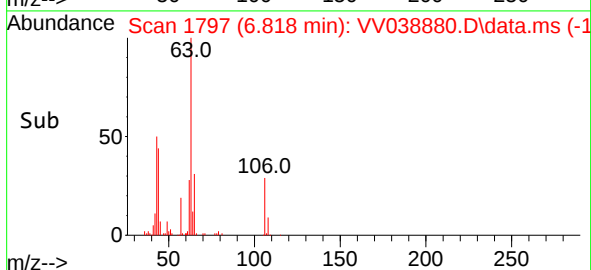
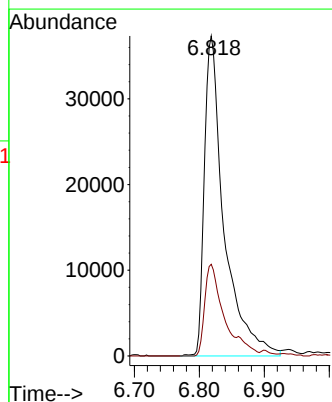
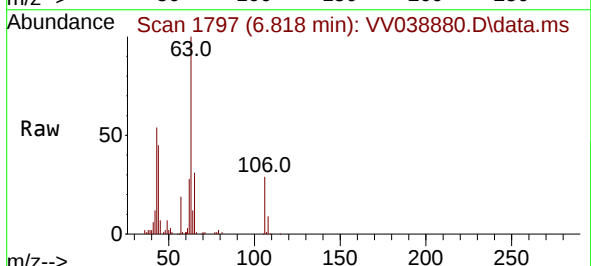
Manual Integrations
APPROVED

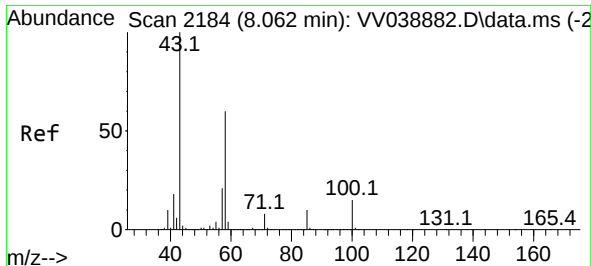
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 25.243 ug/l
RT: 6.818 min Scan# 1797
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 63 Resp: 78691
Ion Ratio Lower Upper
63 100
106 28.5 24.1 36.1





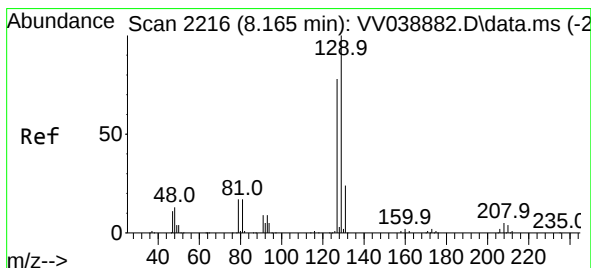
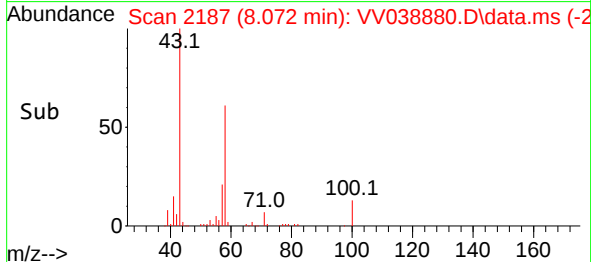
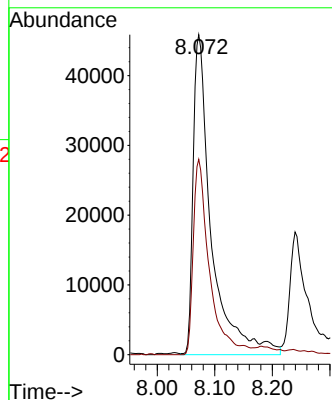
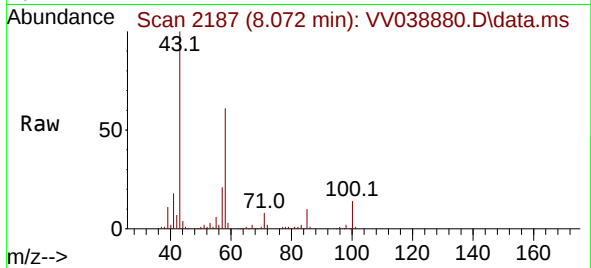
#59
2-Hexanone
Concen: 20.897 ug/l m
RT: 8.072 min Scan# 2184
Delta R.T. 0.010 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 100384
Ion Ratio Lower Upper
43 100
58 53.1 29.6 88.8

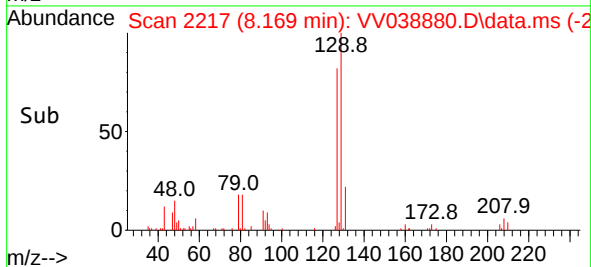
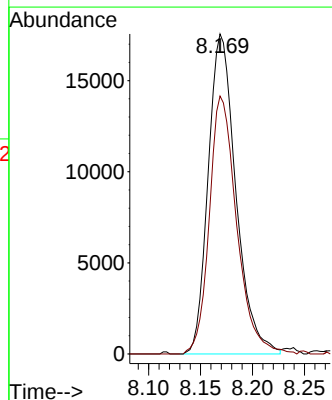
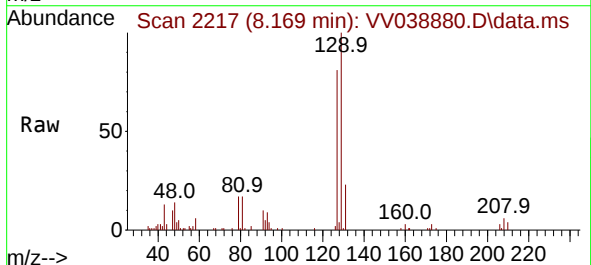
Manual Integrations
APPROVED

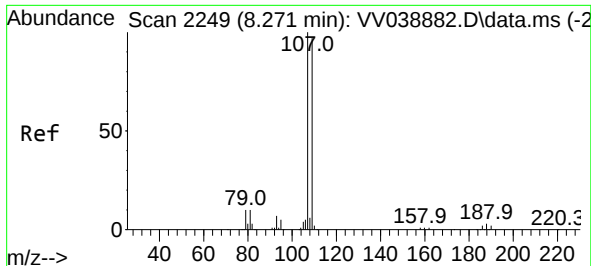
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#60
Dibromochloromethane
Concen: 5.314 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:129 Resp: 32509
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.2





#61

1,2-Dibromoethane

Concen: 5.356 ug/l

RT: 8.281 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion:107 Resp: 2803

Ion Ratio Lower Upper

107 100

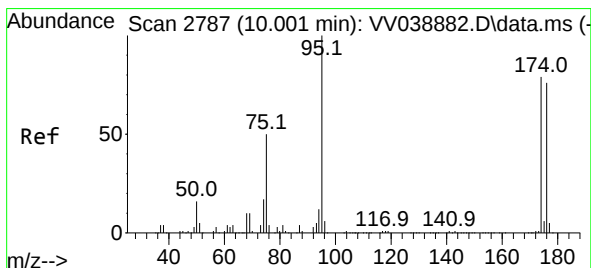
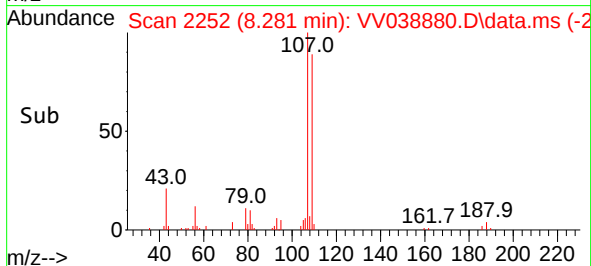
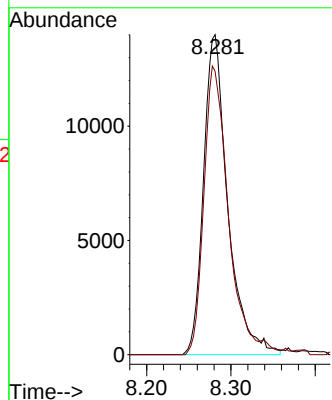
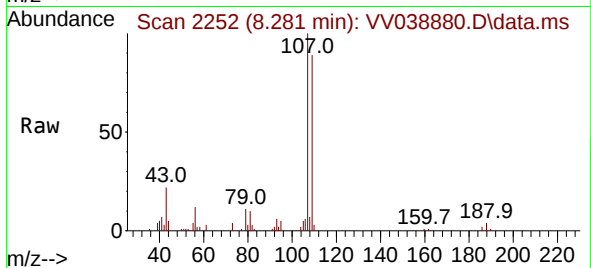
109 89.8 77.1 115.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#62

4-Bromofluorobenzene

Concen: 5.365 ug/l

RT: 10.008 min Scan# 2789

Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

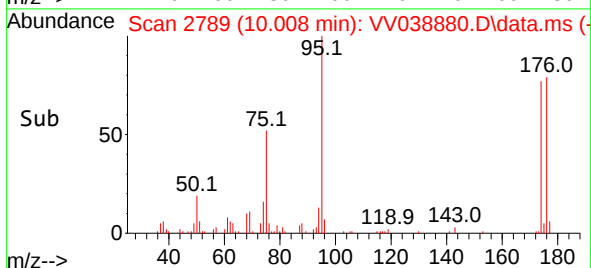
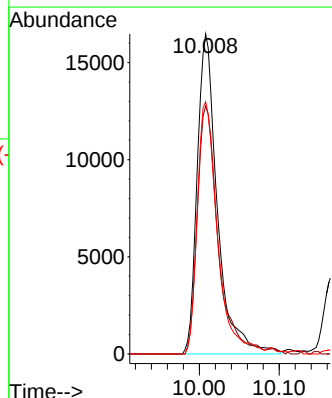
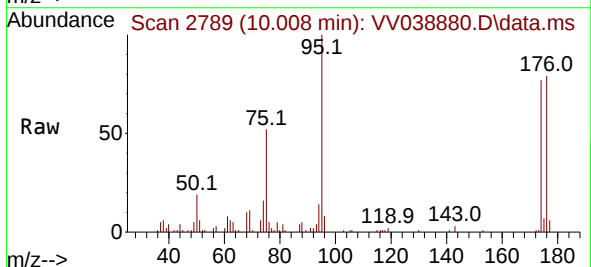
Tgt Ion: 95 Resp: 28928

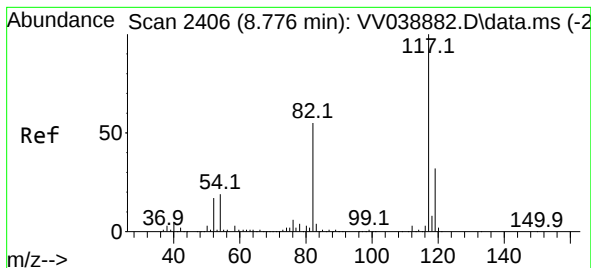
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.0

176 78.9 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

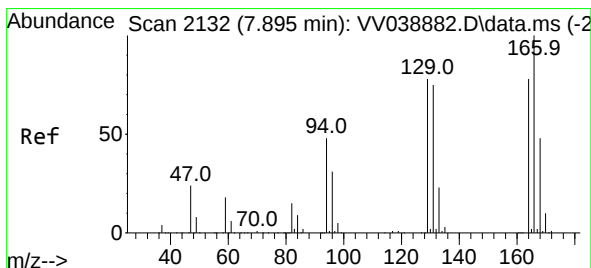
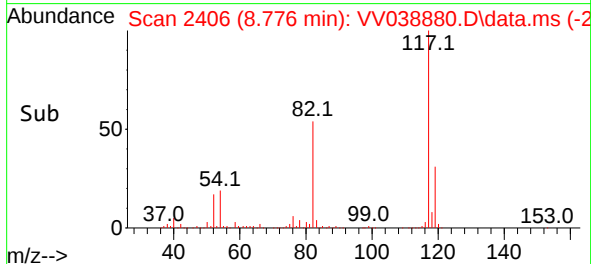
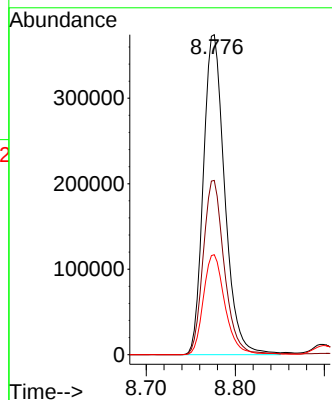
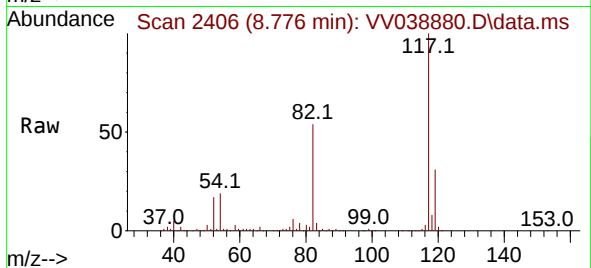
Tgt Ion:117 Resp: 62399

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.7	65.5
119	31.3	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#64

Tetrachloroethene

Concen: 5.947 ug/l

RT: 7.902 min Scan# 2134

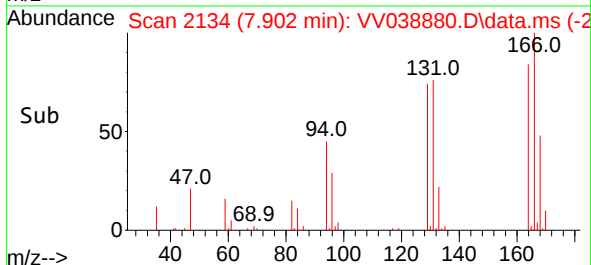
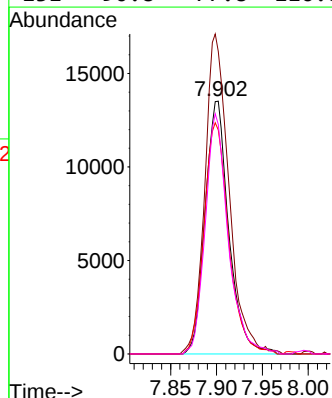
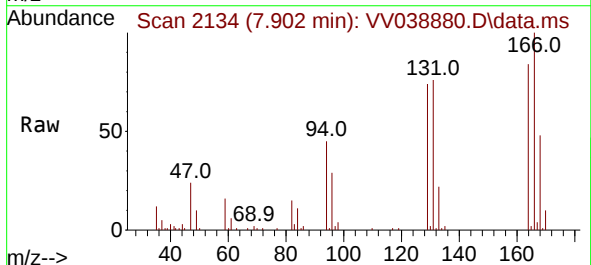
Delta R.T. 0.007 min

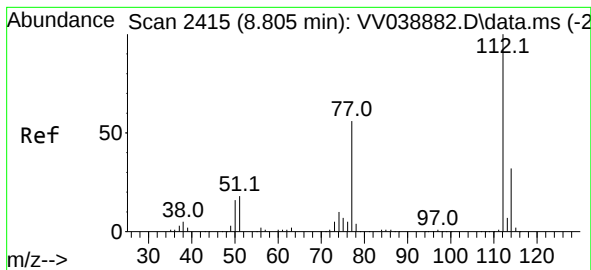
Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:164 Resp: 24339

Ion	Ratio	Lower	Upper
164	100		
166	119.7	103.2	154.8
129	88.6	81.0	121.4
131	90.8	77.8	116.8





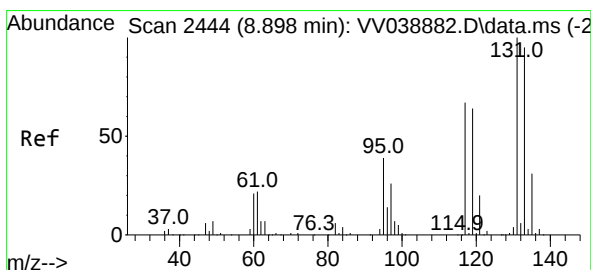
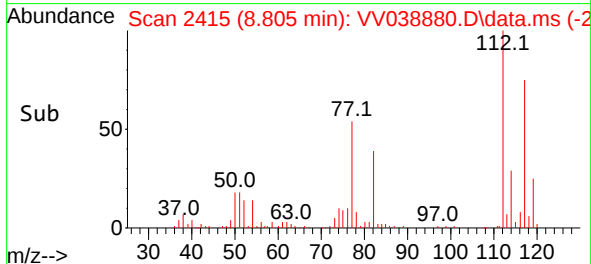
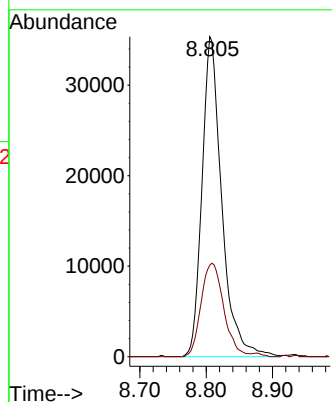
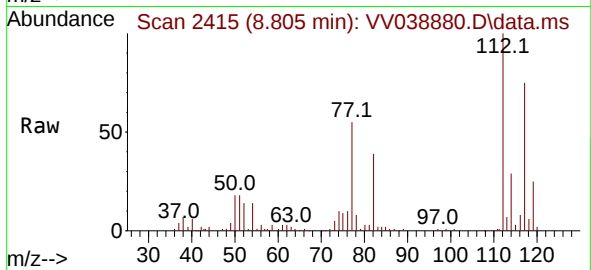
#65
Chlorobenzene
Concen: 5.366 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 73160
Ion Ratio Lower Upper
112 100
114 28.6 25.3 37.9

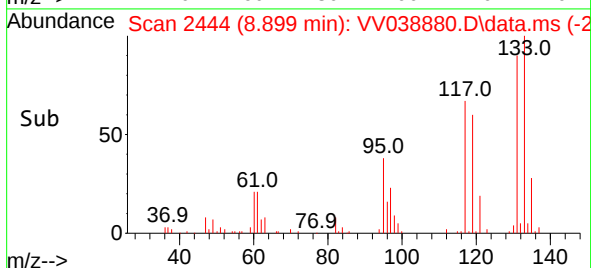
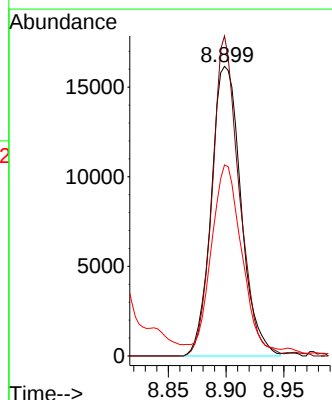
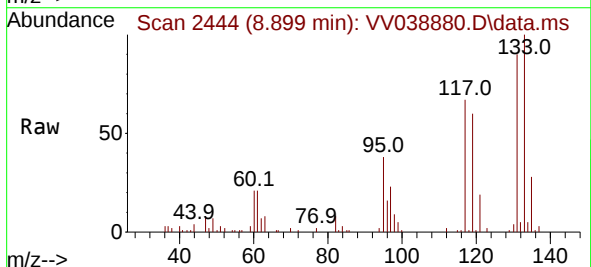
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APPROVED

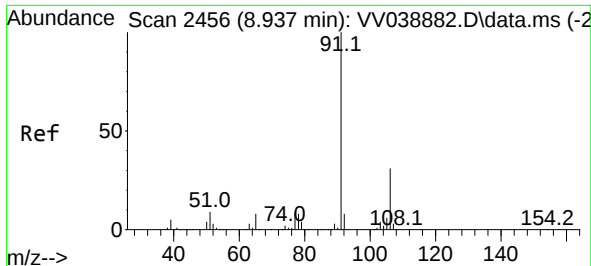
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.320 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:131 Resp: 28929
Ion Ratio Lower Upper
131 100
133 99.8 47.6 142.9
119 63.5 32.0 96.2





#67

Ethyl Benzene

Concen: 4.952 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 100264

Ion Ratio Lower Upper

91 100

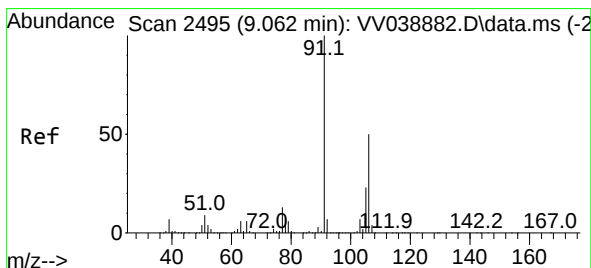
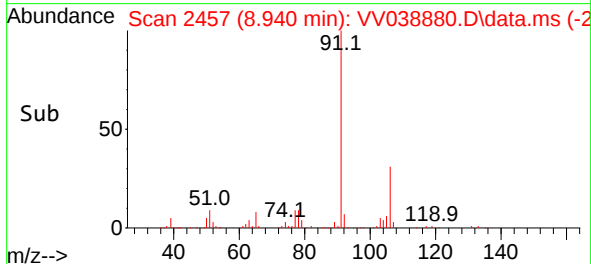
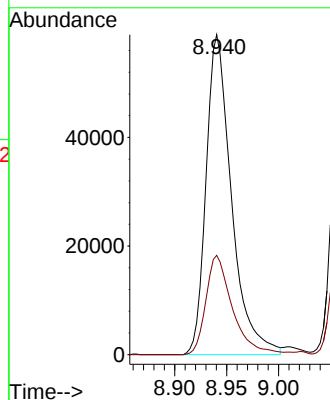
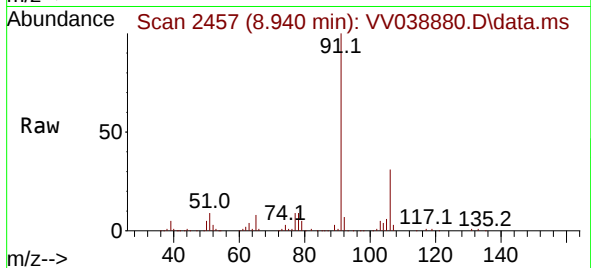
106 31.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#68

m/p-Xylenes

Concen: 9.428 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038880.D

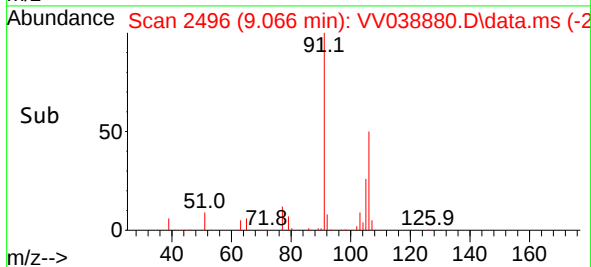
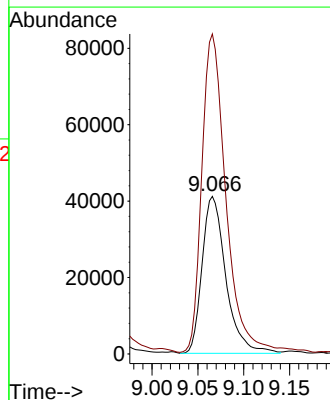
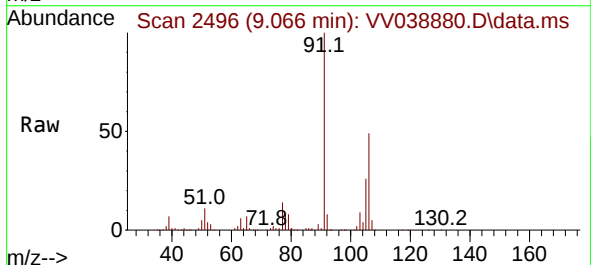
Acq: 11 Jul 2025 08:47

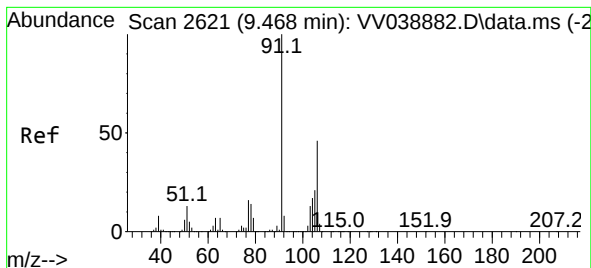
Tgt Ion:106 Resp: 74313

Ion Ratio Lower Upper

106 100

91 205.3 161.0 241.6





#69

o-Xylene

Concen: 4.629 ug/l

RT: 9.471 min Scan# 2621

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 34438

Ion Ratio Lower Upper

106 100

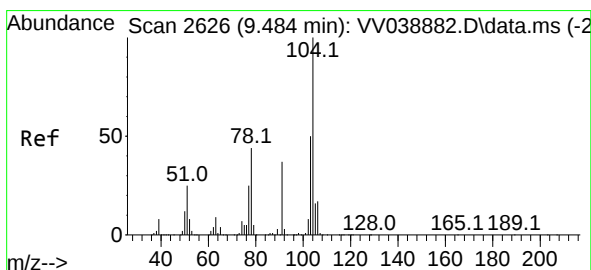
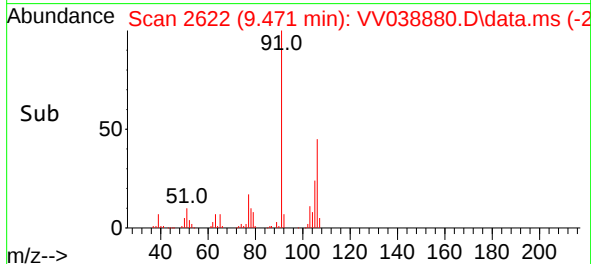
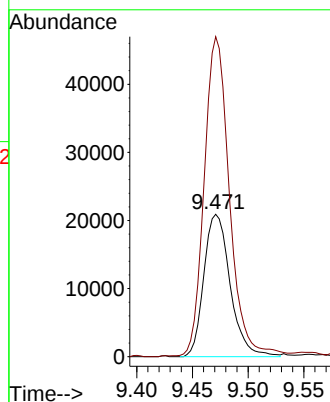
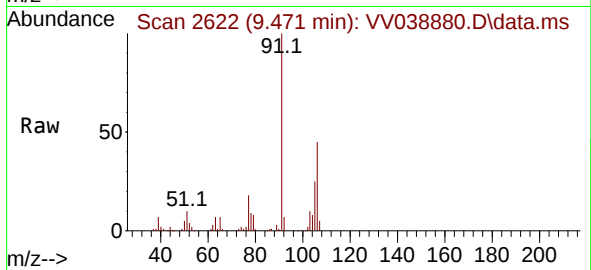
91 216.6 108.9 326.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#70

Styrene

Concen: 4.430 ug/l

RT: 9.490 min Scan# 2628

Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

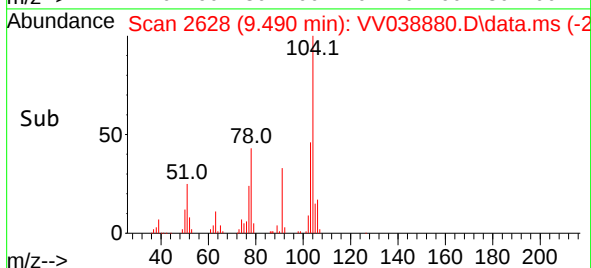
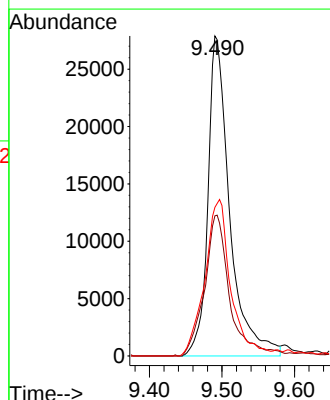
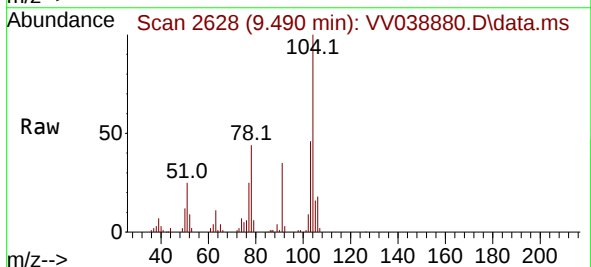
Tgt Ion:104 Resp: 58243

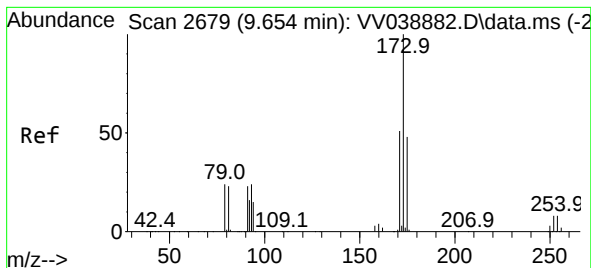
Ion Ratio Lower Upper

104 100

78 49.6 39.9 59.9

103 57.9 43.4 65.2





#71

Bromoform

Concen: 5.538 ug/l

RT: 9.657 min Scan# 2680

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

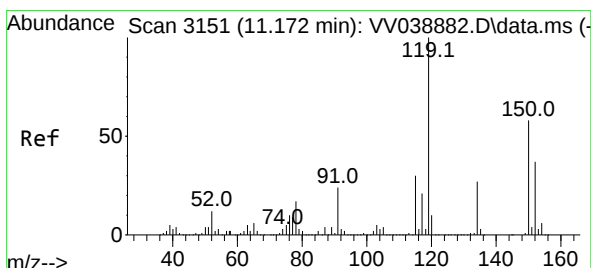
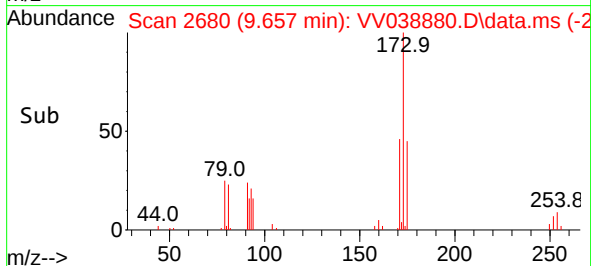
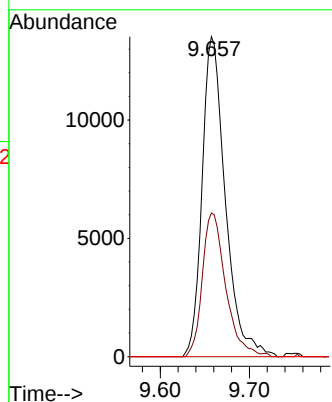
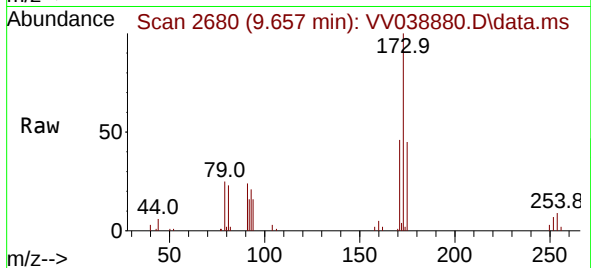
VSTDICC005

Tgt Ion:173	Resp:	2447
Ion Ratio	Lower	Upper
173	100	
175	45.3	23.5 70.6
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

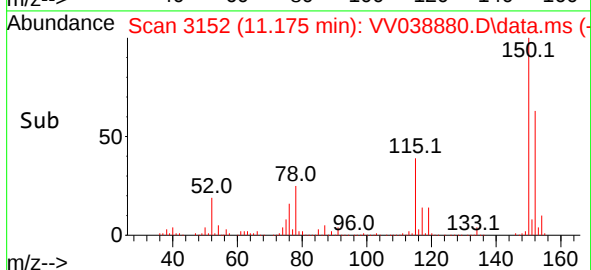
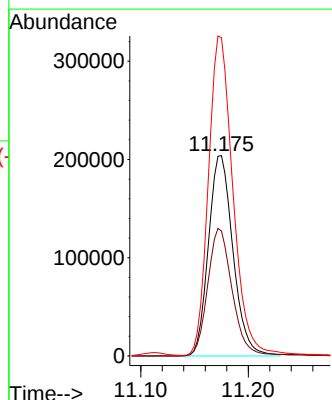
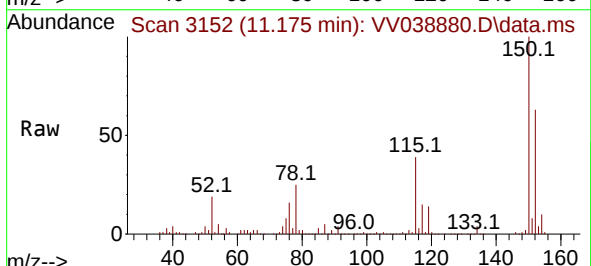
RT: 11.175 min Scan# 3152

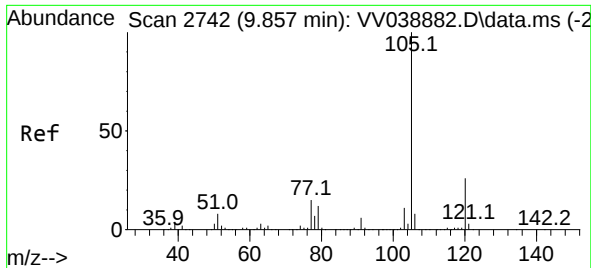
Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:152	Resp:	323775
Ion Ratio	Lower	Upper
152	100	
115	63.9	41.8 125.4
150	159.9	0.0 342.4





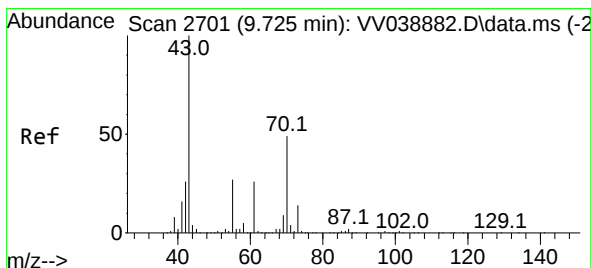
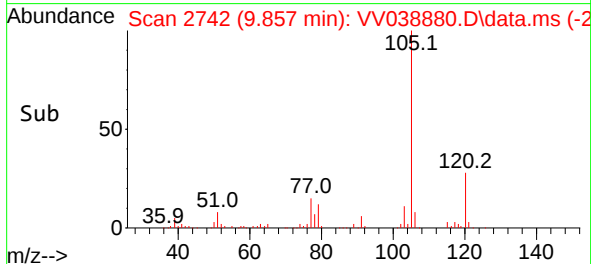
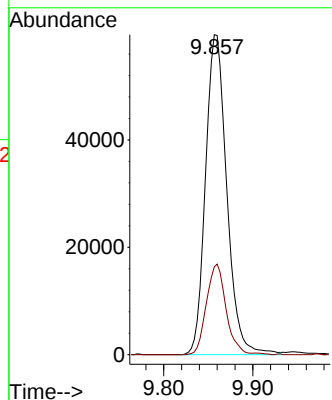
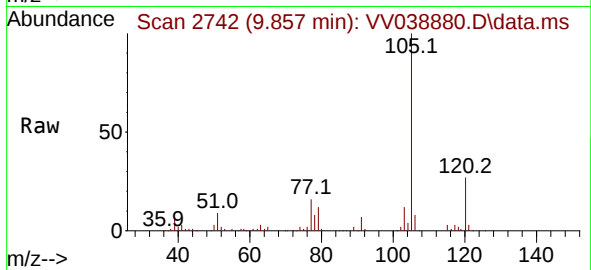
#73
Isopropylbenzene
Concen: 5.111 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 98880
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

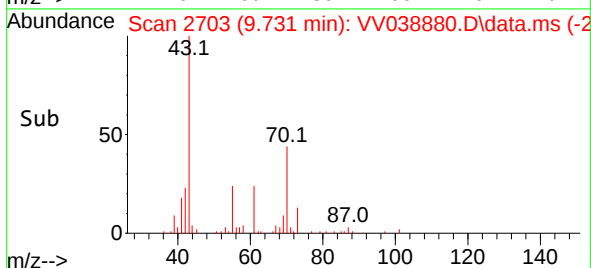
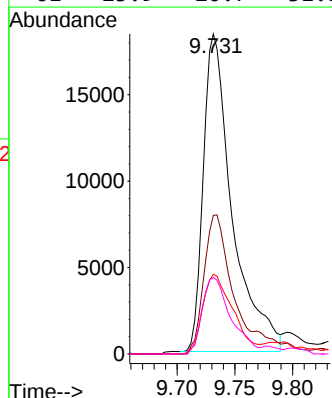
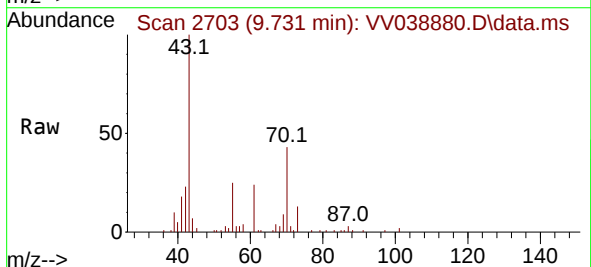
Manual Integrations
APPROVED

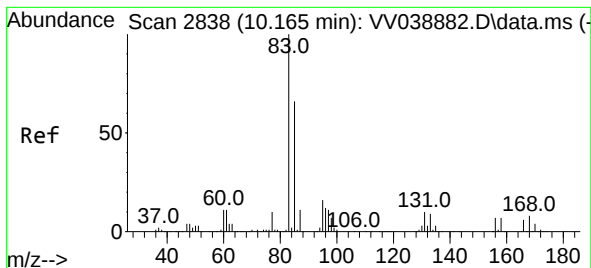
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#74
N-ethyl acetate
Concen: 4.517 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

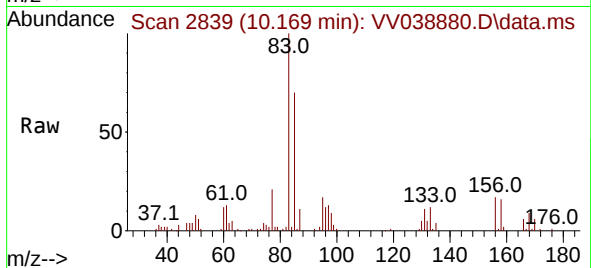
Tgt Ion: 43 Resp: 32011
Ion Ratio Lower Upper
43 100
70 47.2 38.6 58.0
55 26.2 21.8 32.8
61 23.9 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 5.541 ug/l
RT: 10.169 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

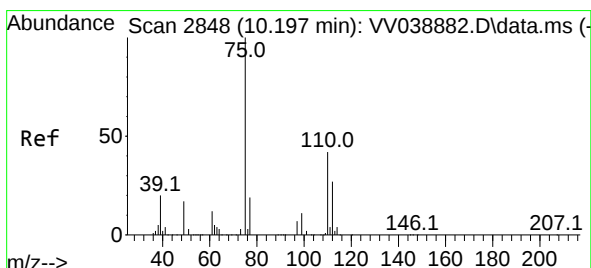
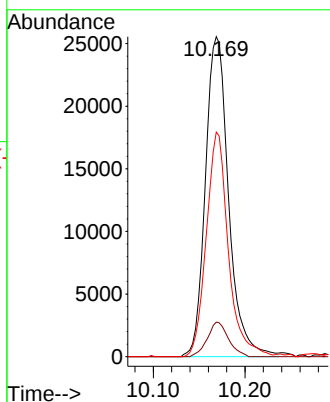
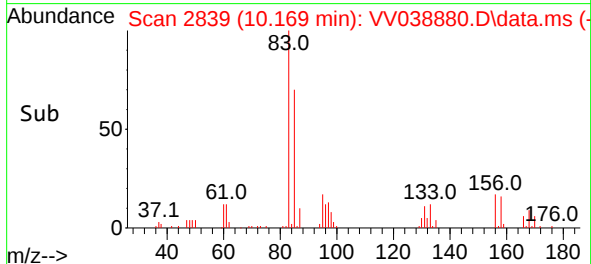
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



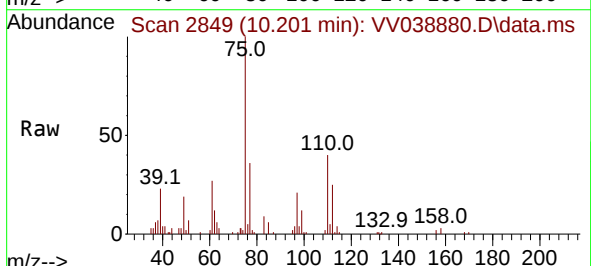
Tgt Ion: 83 Resp: 4490
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 66.6 32.6 97.7

Manual Integrations
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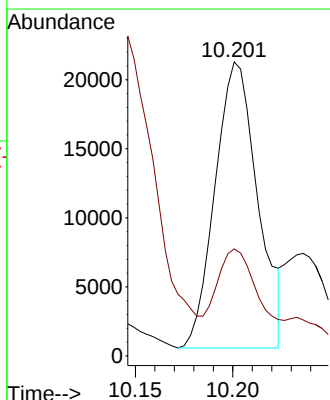
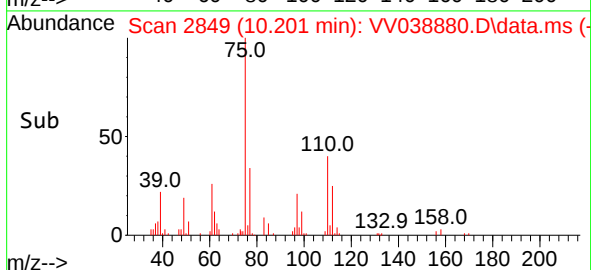
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

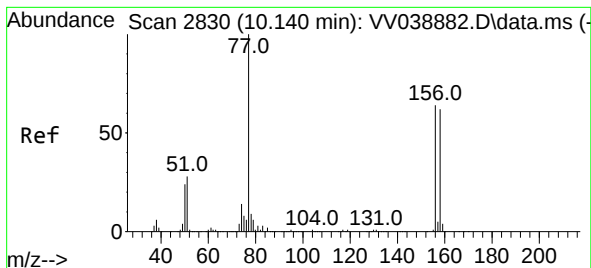


#76
1,2,3-Trichloropropane
Concen: 5.237 ug/l
RT: 10.201 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47



Tgt Ion: 75 Resp: 31525
Ion Ratio Lower Upper
75 100
77 23.8 17.4 52.3





#77

Bromobenzene

Concen: 5.223 ug/l

RT: 10.146 min Scan# 2830

Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

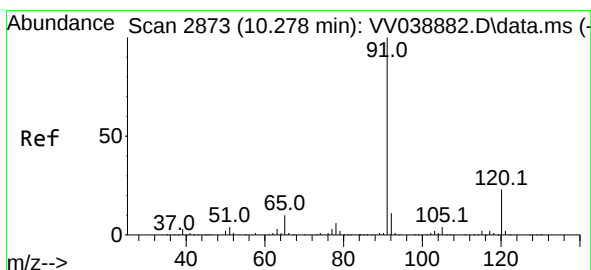
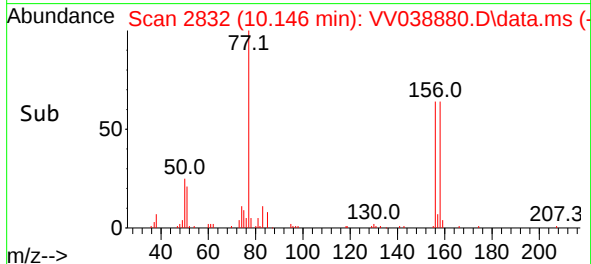
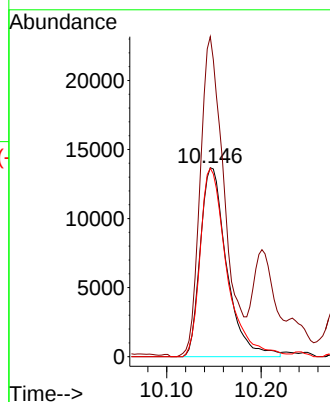
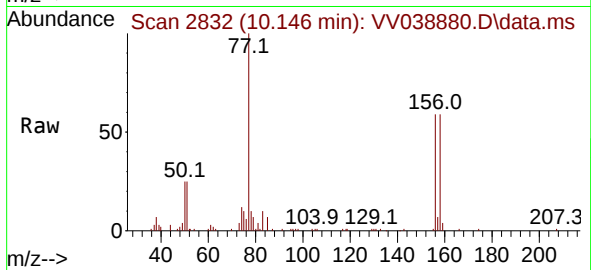
VSTDIC005

Tgt Ion:	156	Resp:	2650
Ion Ratio	Lower	Upper	
156	100		
77	152.4	77.2	231.6
158	100.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#78

n-propylbenzene

Concen: 4.863 ug/l

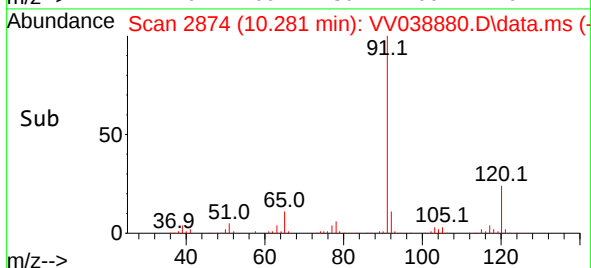
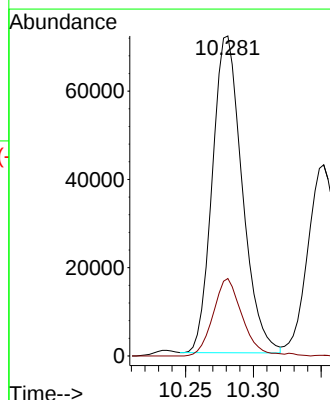
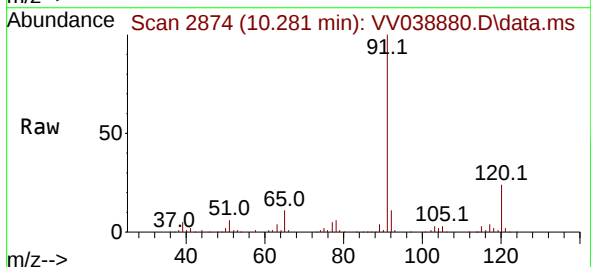
RT: 10.281 min Scan# 2874

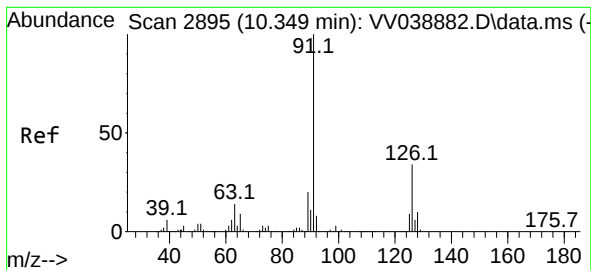
Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:	91	Resp:	109964
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.6	34.8





#79

2-Chlorotoluene

Concen: 5.034 ug/l

RT: 10.352 min Scan# 2895

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 7239

Ion Ratio Lower Upper

91 100

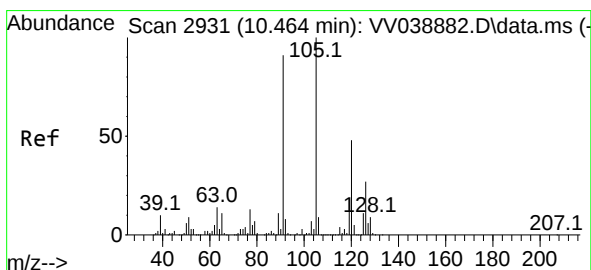
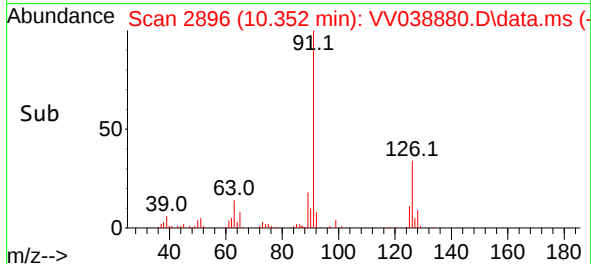
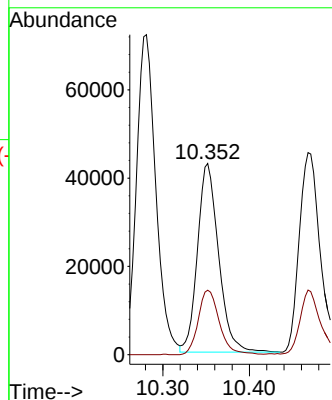
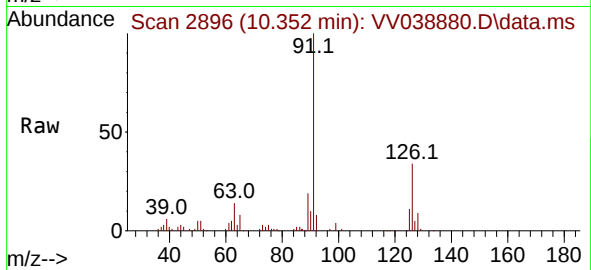
126 34.2 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025

Supervised By :Semsettin Yesilyurt 07/14/2025



#80

1,3,5-Trimethylbenzene

Concen: 4.868 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038880.D

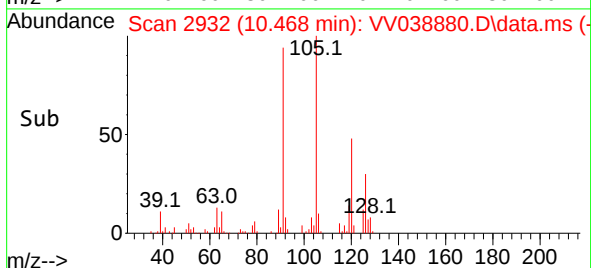
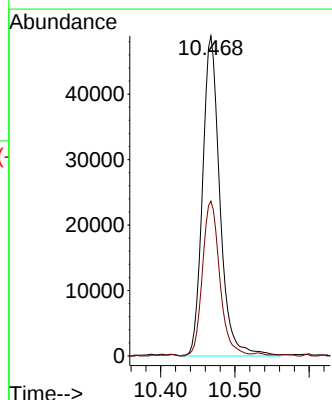
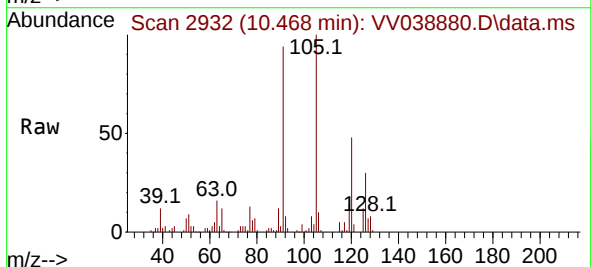
Acq: 11 Jul 2025 08:47

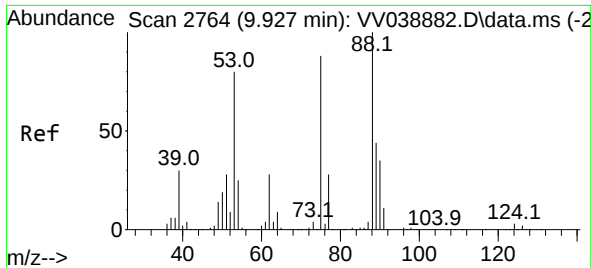
Tgt Ion:105 Resp: 79411

Ion Ratio Lower Upper

105 100

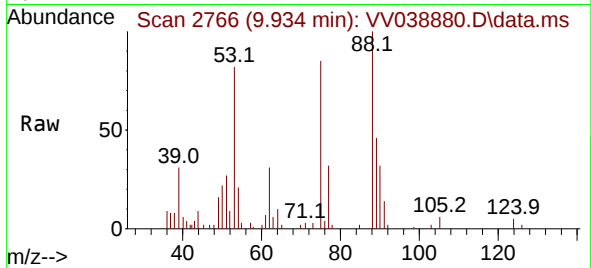
120 48.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.611 ug/l
RT: 9.934 min Scan# 2117
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

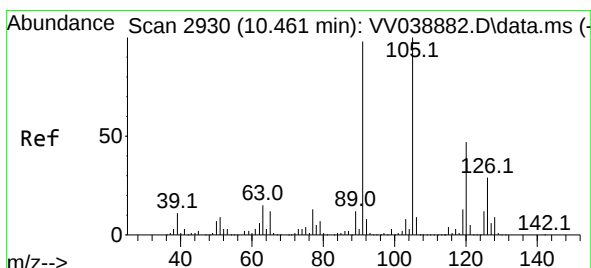
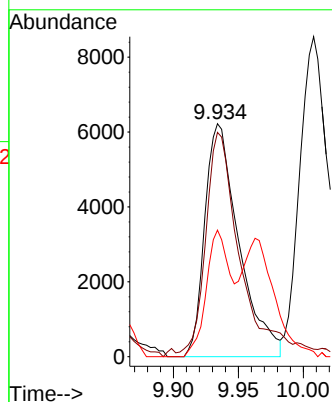
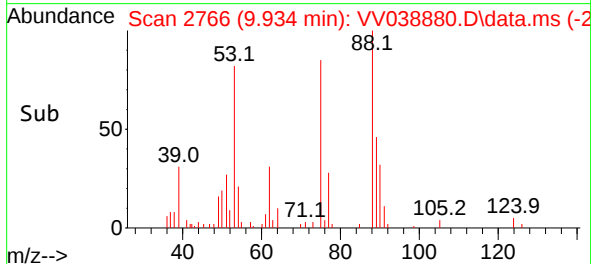
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1137
Ion Ratio Lower Upper
75 100
53 98.8 71.3 106.9
89 37.6 42.2 63.2

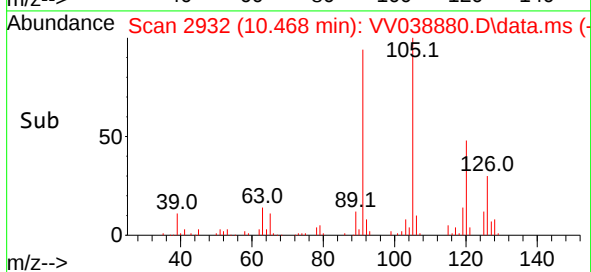
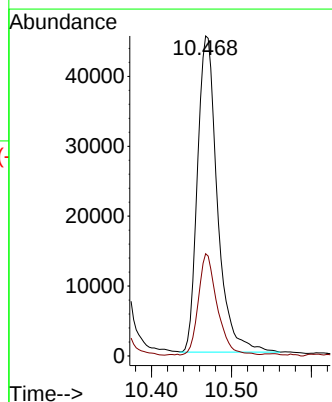
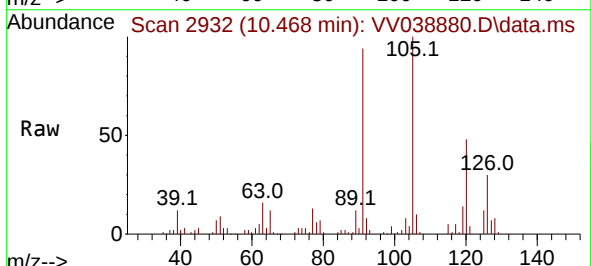
Manual Integrations
APPROVED

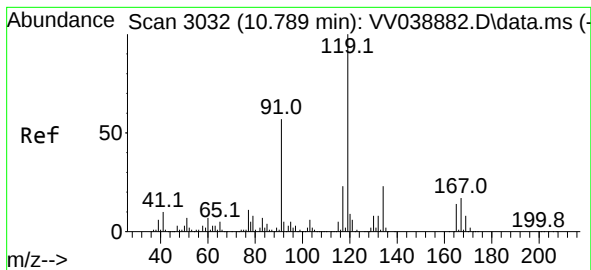
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#82
4-Chlorotoluene
Concen: 4.888 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion: 91 Resp: 78568
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 5.030 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

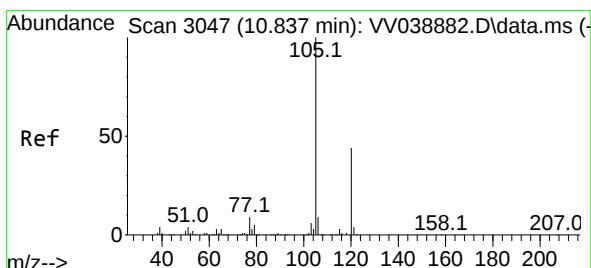
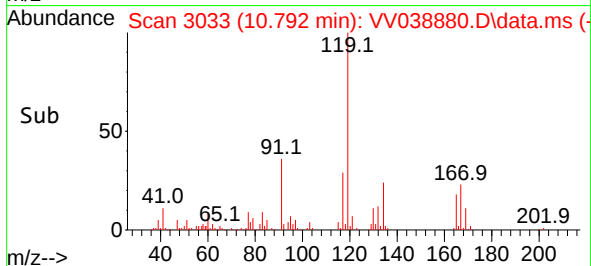
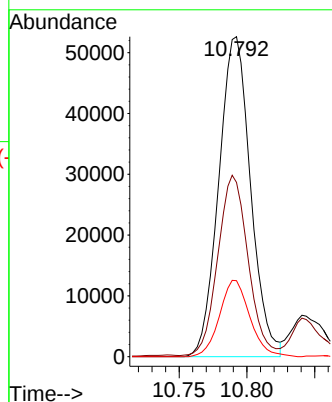
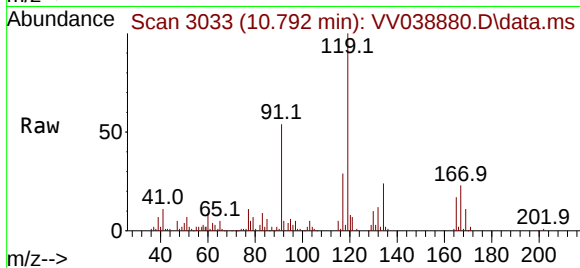
VSTDIC005

Tgt Ion:	119	Resp:	8604
Ion Ratio	Lower	Upper	
119	100		
91	53.2	28.1	84.2
134	22.7	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.743 ug/l

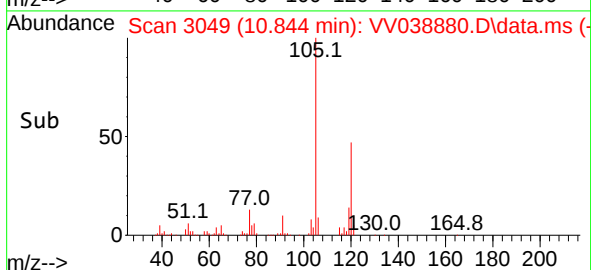
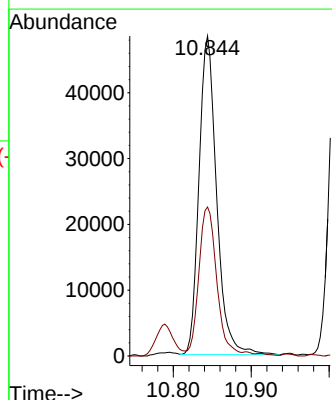
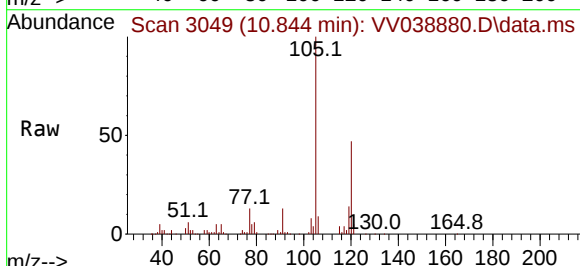
RT: 10.844 min Scan# 3049

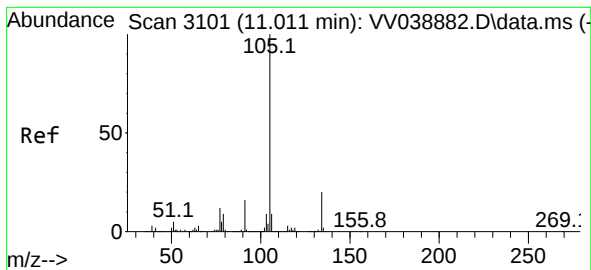
Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:	105	Resp:	76136
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.8





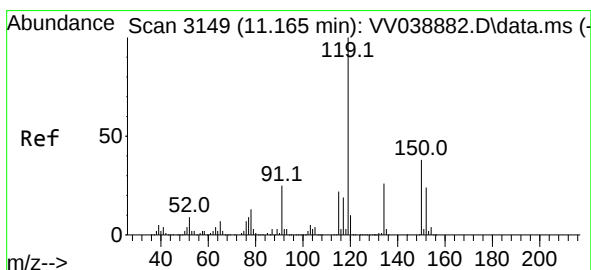
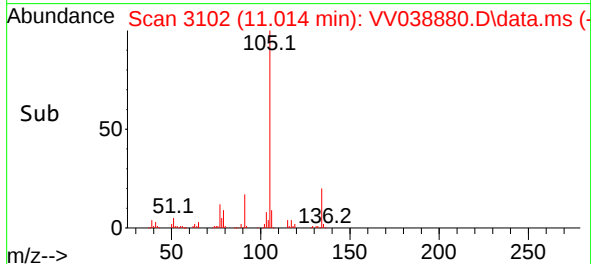
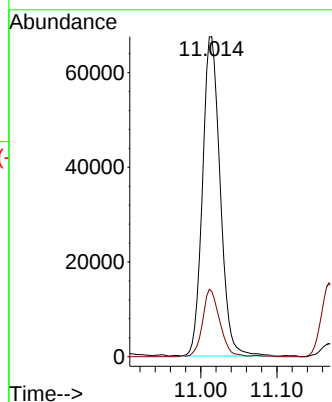
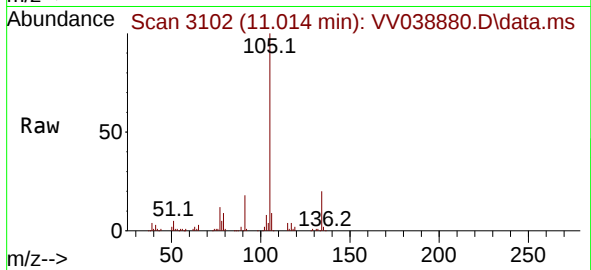
#85
 sec-Butylbenzene
 Concen: 4.982 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 108770
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

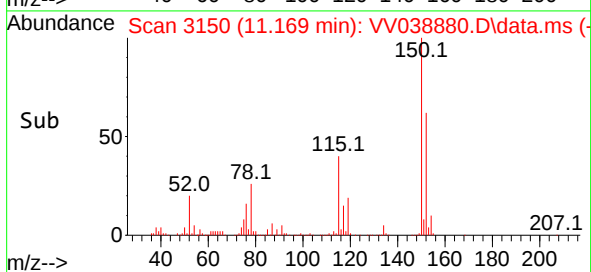
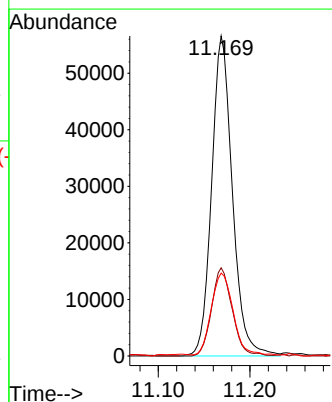
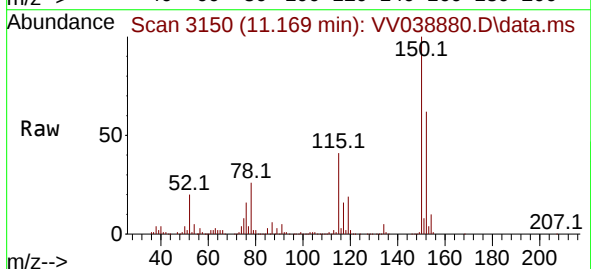
Manual Integrations
 APPROVED

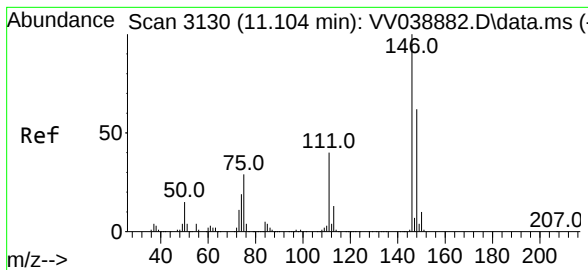
Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025



#86
 p-Isopropyltoluene
 Concen: 4.808 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038880.D
 Acq: 11 Jul 2025 08:47

Tgt Ion:119 Resp: 89121
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 26.7 12.3 36.8





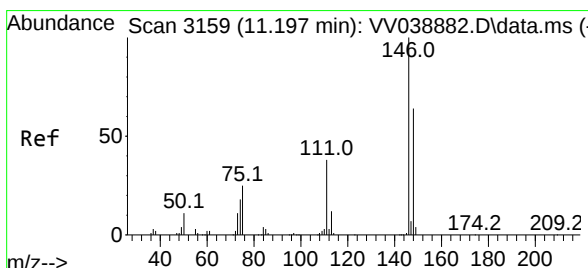
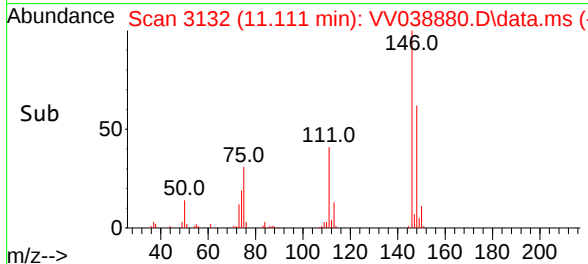
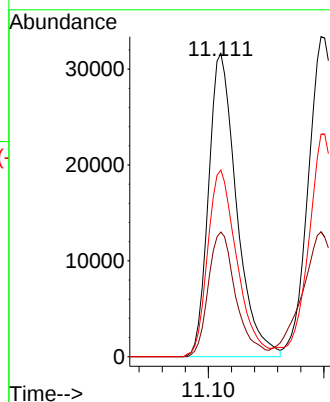
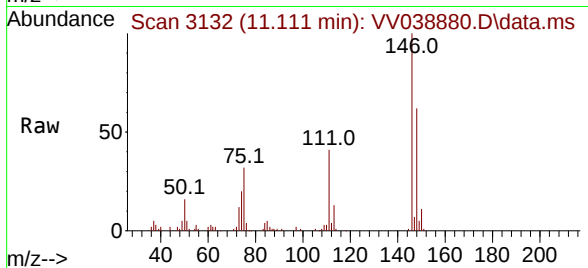
#87
1,3-Dichlorobenzene
Concen: 5.150 ug/l
RT: 11.111 min Scan# 3132
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 5334
Ion Ratio Lower Upper
146 100
111 40.5 20.2 60.5
148 64.2 31.4 94.3

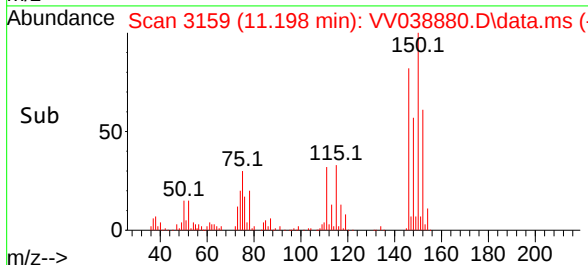
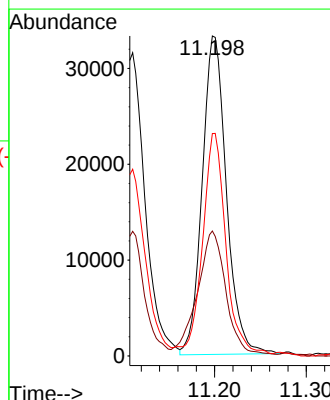
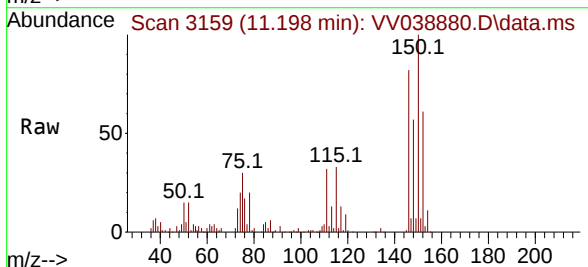
Manual Integrations
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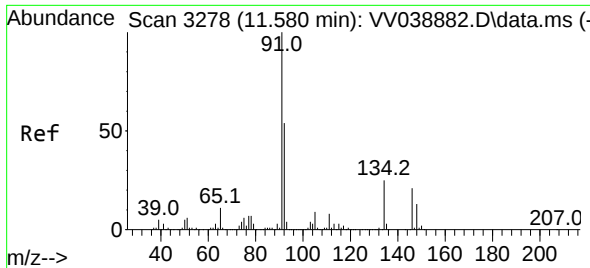
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#88
1,4-Dichlorobenzene
Concen: 5.413 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:146 Resp: 60996
Ion Ratio Lower Upper
146 100
111 45.6 19.8 59.3
148 66.0 32.1 96.5





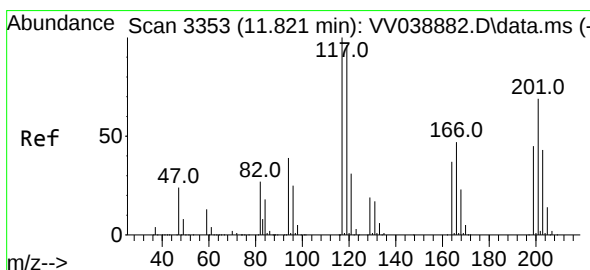
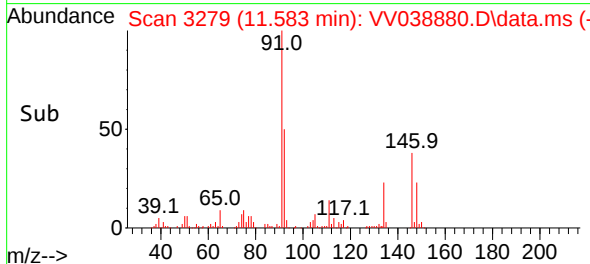
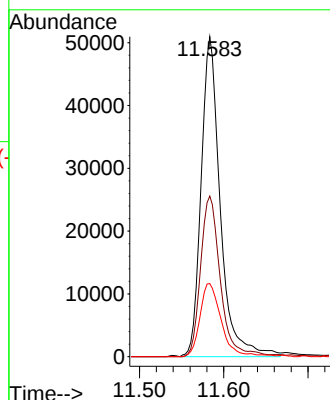
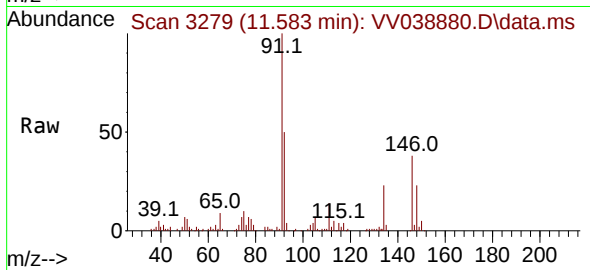
#89
n-Butylbenzene
Concen: 4.774 ug/l
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8078
Ion Ratio Lower Upper
91 100
92 51.6 26.7 80.1
134 25.4 12.7 38.1

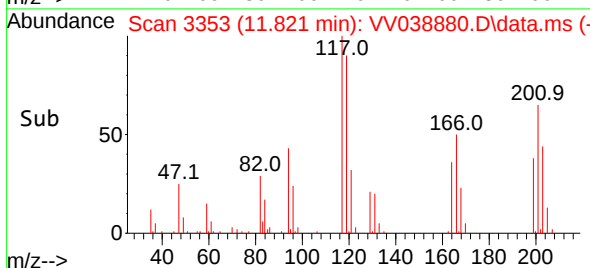
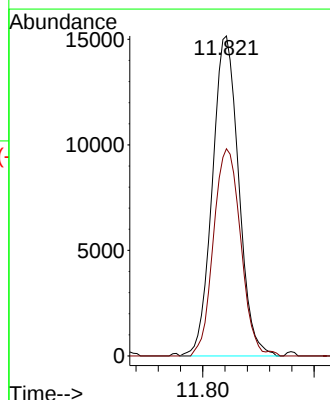
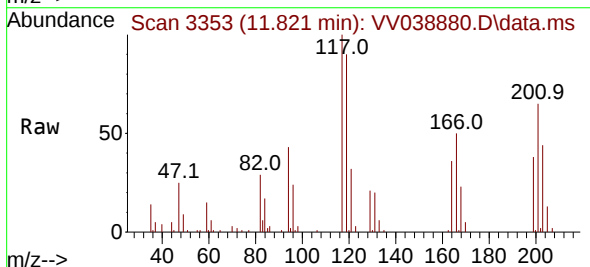
Manual Integrations
APPROVED

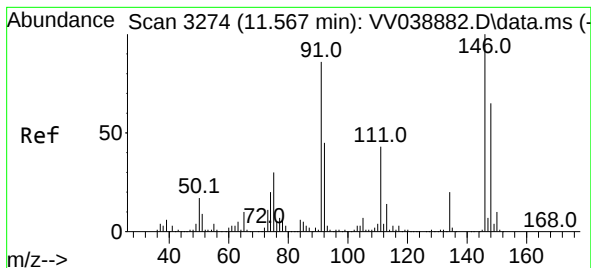
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#90
Hexachloroethane
Concen: 5.653 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

Tgt Ion:117 Resp: 24921
Ion Ratio Lower Upper
117 100
201 67.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 5.466 ug/l

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

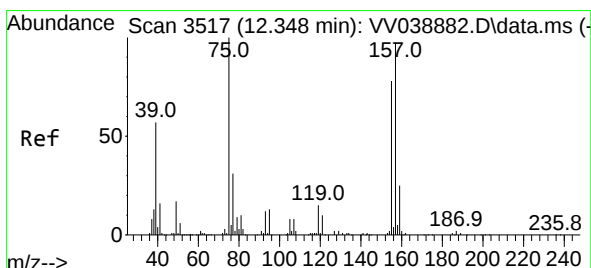
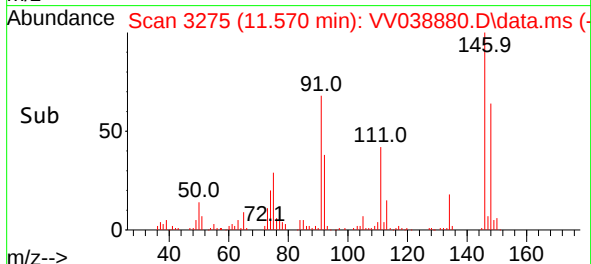
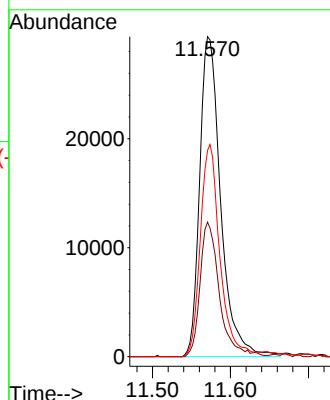
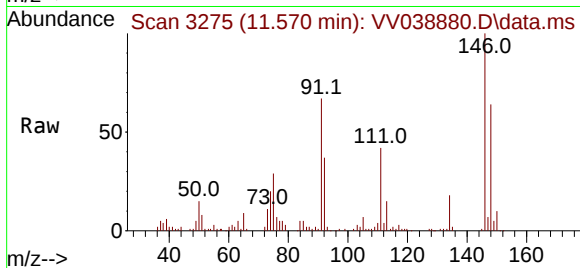
VSTDIC005

Tgt Ion:	146	Resp:	5496
Ion Ratio	Lower	Upper	
146	100		
111	38.7	21.4	64.3
148	61.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.262 ug/l

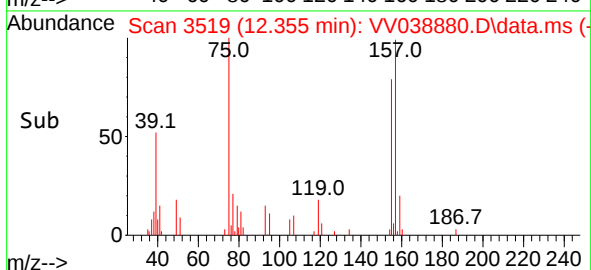
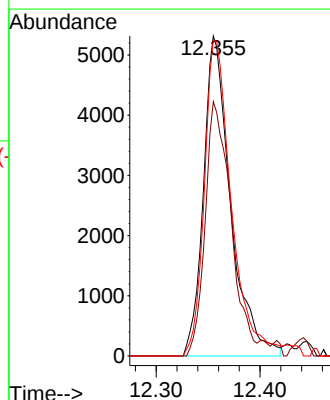
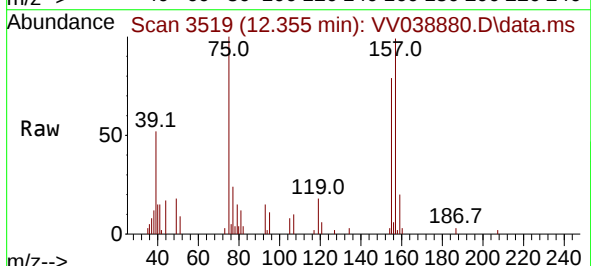
RT: 12.355 min Scan# 3519

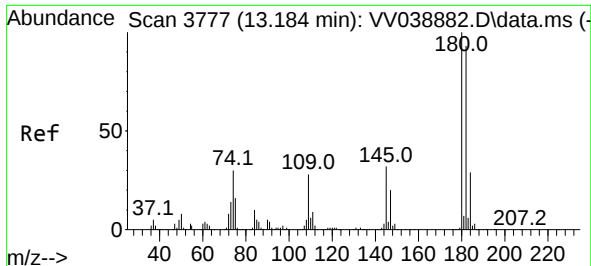
Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Tgt Ion:	75	Resp:	9640
Ion Ratio	Lower	Upper	
75	100		
155	75.2	40.2	120.6
157	98.5	51.1	153.3





#93

1,2,4-Trichlorobenzene

Concen: 4.687 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

Instrument :

MSVOA_V

ClientSampleId :

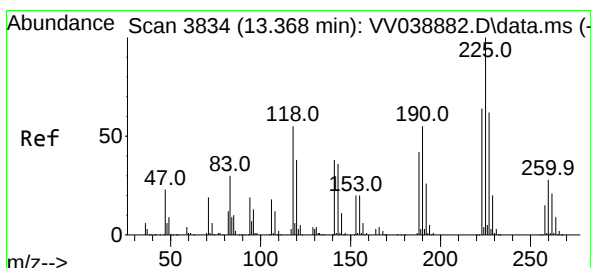
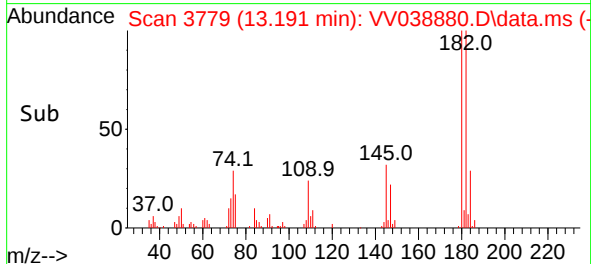
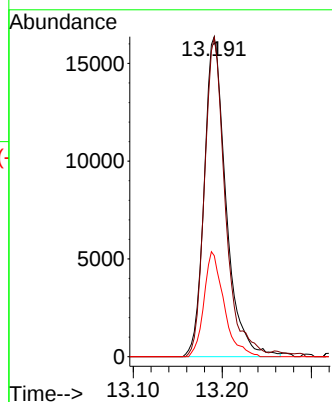
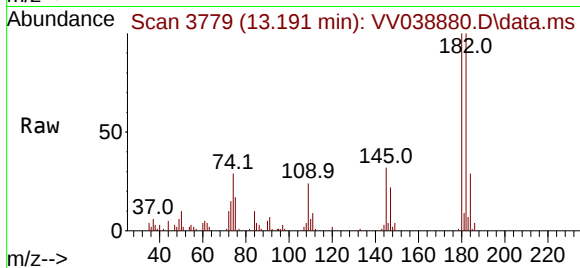
VSTDIC005

Tgt Ion:	180	Resp:	2782
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.4	142.3
145	30.2	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#94

Hexachlorobutadiene

Concen: 5.471 ug/l

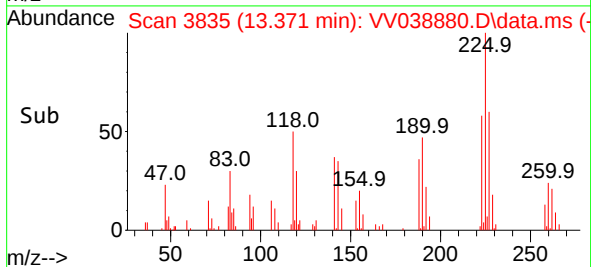
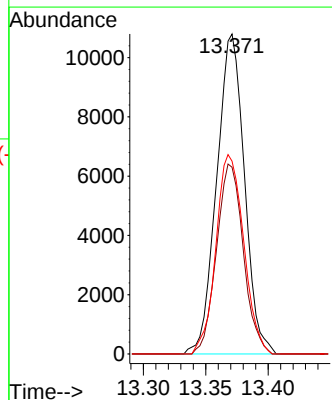
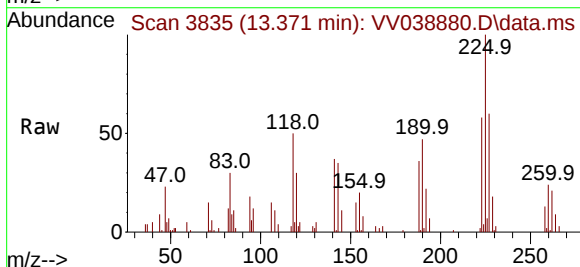
RT: 13.371 min Scan# 3835

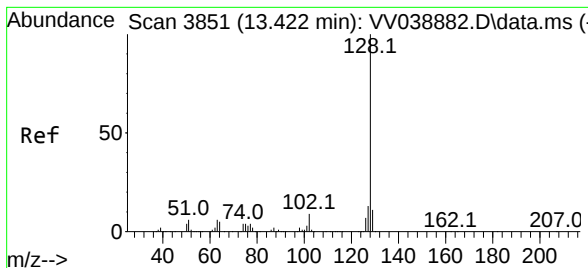
Delta R.T. 0.003 min

Lab File: VV038880.D

Acq: 11 Jul 2025 08:47

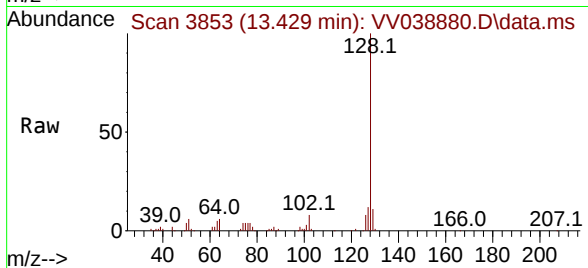
Tgt Ion:	225	Resp:	16724
Ion Ratio	Lower	Upper	
225	100		
223	57.4	32.4	97.2
227	62.4	31.3	93.9





#95
Naphthalene
Concen: 4.246 ug/l
RT: 13.429 min Scan# 3853
Delta R.T. 0.007 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47

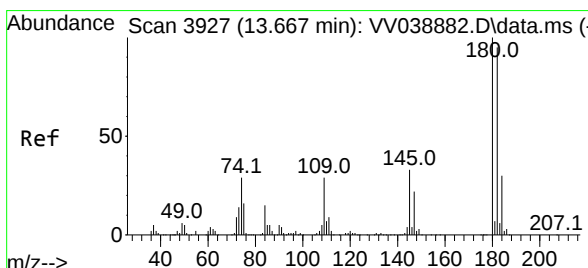
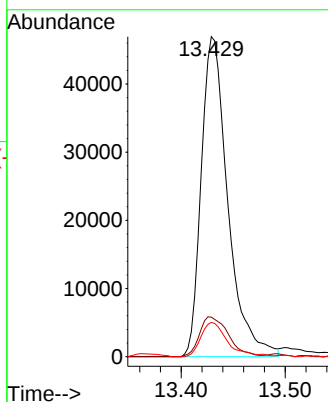
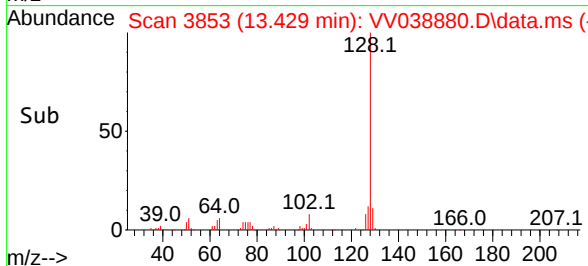
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



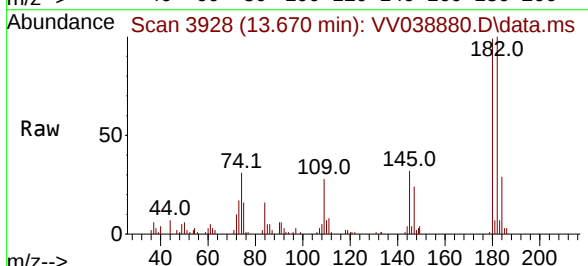
Tgt Ion:128 Resp: 8340
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.628 ug/l
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV038880.D
Acq: 11 Jul 2025 08:47



Tgt Ion:180 Resp: 28474
Ion Ratio Lower Upper
180 100
182 100.4 47.0 141.2
145 34.0 17.0 51.0

