

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038824.D
 Acq On : 27 Jun 2025 09:17
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 28 04:16:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 04:16:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	411780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	698367	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	665094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	337705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.953	65	31579	5.957	ug/l	0.01
Spiked Amount 50.000			Recovery	=	11.920%	
35) Dibromofluoromethane	4.510	113	24128	5.325	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.660%	
50) Toluene-d8	7.239	98	84126	5.434	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.860%	
62) 4-Bromofluorobenzene	10.005	95	26054	4.572	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	20199	5.167	ug/l	96
3) Chloromethane	1.227	50	26277	5.189	ug/l	99
4) Vinyl Chloride	1.294	62	28035	5.188	ug/l	97
5) Bromomethane	1.490	94	25062	7.043	ug/l	100
6) Chloroethane	1.555	64	19339	5.531	ug/l	98
7) Trichlorofluoromethane	1.722	101	42360	5.268	ug/l	98
8) Diethyl Ether	1.915	74	15111	4.919	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.079	101	25734	5.314	ug/l	99
10) Methyl Iodide	2.195	142	14836	6.843	ug/l	95
11) Tert butyl alcohol	2.571	59	22460	24.847	ug/l	98
12) 1,1-Dichloroethene	2.079	96	24585	4.643	ug/l	98
13) Acrolein	2.008	56	7841	22.971	ug/l	98
14) Allyl chloride	2.359	41	41104	5.234	ug/l	95
15) Acrylonitrile	2.680	53	72190	23.453	ug/l	97
16) Acetone	2.121	43	61668	25.867	ug/l	99
17) Carbon Disulfide	2.249	76	68109	4.543	ug/l	95
18) Methyl Acetate	2.388	43	32476	4.252	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	63491	4.326	ug/l	100
20) Methylene Chloride	2.452	84	28658	5.165	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	23874	4.946	ug/l	99
22) Diisopropyl ether	3.211	45	69365	4.364	ug/l #	37
23) Vinyl Acetate	3.195	43	270808	21.449	ug/l	99
24) 1,1-Dichloroethane	3.121	63	49922	5.237	ug/l	97
25) 2-Butanone	3.899	43	75403	21.146	ug/l	97
26) 2,2-Dichloropropane	3.809	77	40331	5.024	ug/l #	72
27) cis-1,2-Dichloroethene	3.831	96	25246	4.512	ug/l	99
28) Bromochloromethane	4.156	49	24531	5.514	ug/l	95
29) Tetrahydrofuran	4.240	42	51627	19.890	ug/l	94
30) Chloroform	4.278	83	53050	5.416	ug/l	92
31) Cyclohexane	4.584	56	42055	5.675	ug/l #	78
32) 1,1,1-Trichloroethane	4.513	97	43094	5.118	ug/l	98
36) 1,1-Dichloropropene	4.748	75	28672	4.319	ug/l	88
37) Ethyl Acetate	3.998	43	45182m	5.071	ug/l	
38) Carbon Tetrachloride	4.731	117	34048	4.819	ug/l	98
39) Methylcyclohexane	6.047	83	33736	4.529	ug/l	96
40) Benzene	5.011	78	99303	5.056	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.214	41	10515m	5.033	ug/l	
42) 1,2-Dichloroethane	5.050	62	35649	5.032	ug/l	98
43) Isopropyl Acetate	5.201	43	42425	3.917	ug/l	96
44) Trichloroethene	5.841	130	23540	4.994	ug/l	97
45) 1,2-Dichloropropane	6.095	63	24403	4.726	ug/l	95
46) Dibromomethane	6.236	93	19167	5.060	ug/l	97
47) Bromodichloromethane	6.429	83	38028	4.971	ug/l #	97
48) Methyl methacrylate	6.317	41	18469	3.598	ug/l #	89
49) 1,4-Dioxane	6.301	88	4874	58.981	ug/l #	77
51) 4-Methyl-2-Pentanone	7.149	43	181357	22.742	ug/l	93
52) Toluene	7.310	92	56584	4.726	ug/l	95
53) t-1,3-Dichloropropene	7.583	75	32951	4.518	ug/l	96
54) cis-1,3-Dichloropropene	6.956	75	36452	4.519	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	26089	5.050	ug/l	97
56) Ethyl methacrylate	7.722	69	26180	3.720	ug/l	96
57) 1,3-Dichloropropane	7.940	76	42217	4.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	60969	20.713	ug/l	99
59) 2-Hexanone	8.069	43	111062	19.771	ug/l	96
60) Dibromochloromethane	8.169	129	29243	4.882	ug/l	92
61) 1,2-Dibromoethane	8.281	107	27086	5.080	ug/l	97
64) Tetrachloroethene	7.899	164	26030	5.608	ug/l	92
65) Chlorobenzene	8.805	112	71168	4.893	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.899	131	24964	4.854	ug/l	95
67) Ethyl Benzene	8.940	91	96296	4.207	ug/l	100
68) m/p-Xylenes	9.066	106	70607	8.190	ug/l	96
69) o-Xylene	9.471	106	32835	4.072	ug/l	95
70) Styrene	9.493	104	51564	3.786	ug/l	98
71) Bromoform	9.657	173	18483	4.461	ug/l #	98
73) Isopropylbenzene	9.857	105	84484	4.103	ug/l	99
74) N-amyl acetate	9.734	43	33377	3.718	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.169	83	41386	4.827	ug/l	99
76) 1,2,3-Trichloropropane	10.201	75	29266	4.508	ug/l	79
77) Bromobenzene	10.146	156	24236	4.669	ug/l	95
78) n-propylbenzene	10.278	91	101976	4.095	ug/l	98
79) 2-Chlorotoluene	10.349	91	61152	4.128	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	66343	3.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	10710	3.821	ug/l #	78
82) 4-Chlorotoluene	10.468	91	71079	4.161	ug/l	100
83) tert-Butylbenzene	10.789	119	69667	4.083	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	63813	3.846	ug/l	99
85) sec-Butylbenzene	11.014	105	91377	4.061	ug/l	99
86) p-Isopropyltoluene	11.169	119	79411	4.130	ug/l	98
87) 1,3-Dichlorobenzene	11.111	146	50067	4.738	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	54629	4.773	ug/l	93
89) n-Butylbenzene	11.583	91	72317	3.884	ug/l	98
90) Hexachloroethane	11.821	117	20061	4.739	ug/l	96
91) 1,2-Dichlorobenzene	11.570	146	45869	4.478	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	8360	4.600	ug/l	94
93) 1,2,4-Trichlorobenzene	13.191	180	23130	3.827	ug/l	100
94) Hexachlorobutadiene	13.368	225	13611	4.631	ug/l	94
95) Naphthalene	13.429	128	68671	6.175	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	22904	3.689	ug/l	97

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

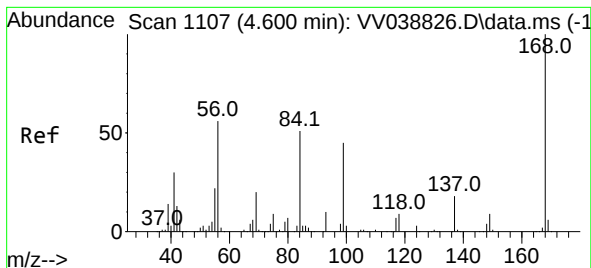
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/30/2025

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Quant Title : SW846 8260
QLast Update : Sat Jun 28 04:16:28 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: 4.593 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 411780

Ion Ratio Lower Upper

168 100

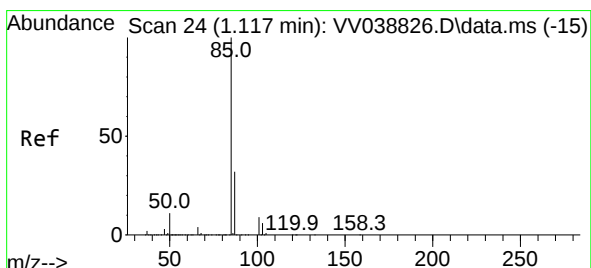
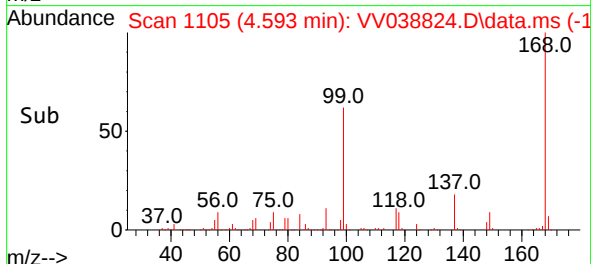
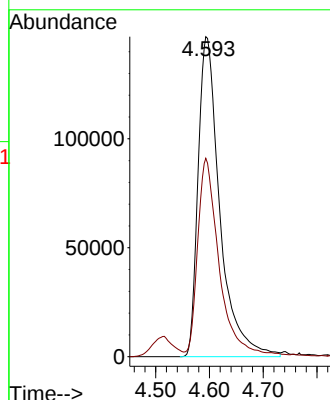
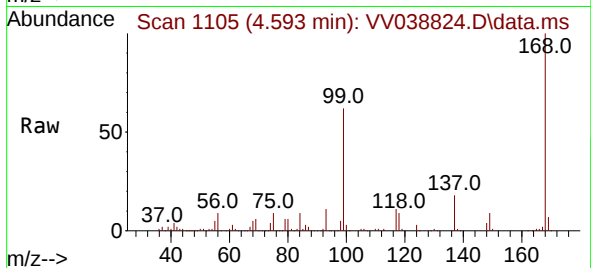
99 61.1 49.0 73.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/30/2025



#2

Dichlorodifluoromethane

Concen: 5.167 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038824.D

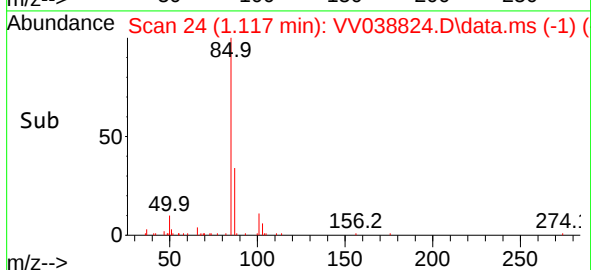
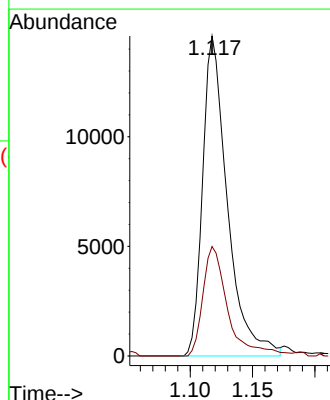
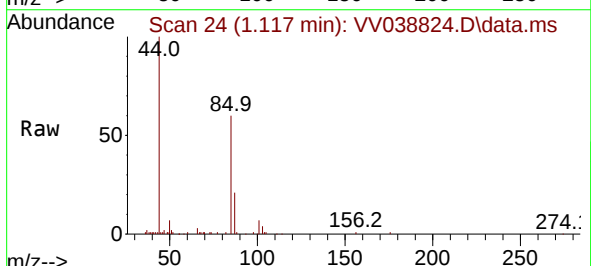
Acq: 27 Jun 2025 09:17

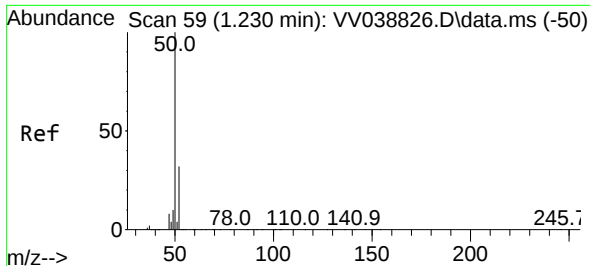
Tgt Ion: 85 Resp: 20199

Ion Ratio Lower Upper

85 100

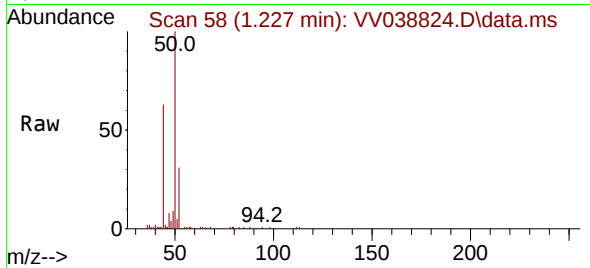
87 34.2 16.1 48.3





#3
Chloromethane
Concen: 5.189 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV038824.D
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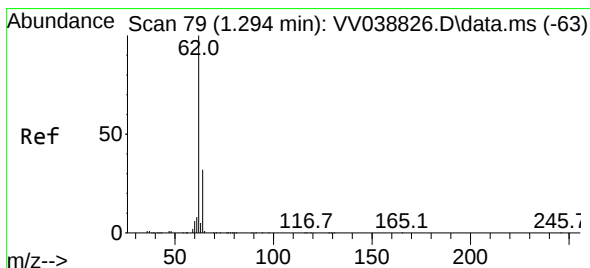
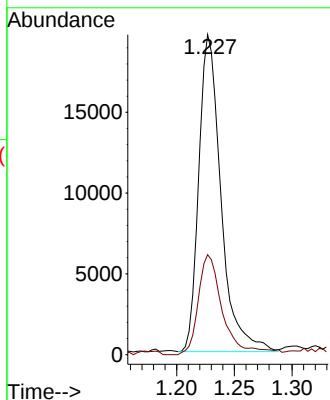
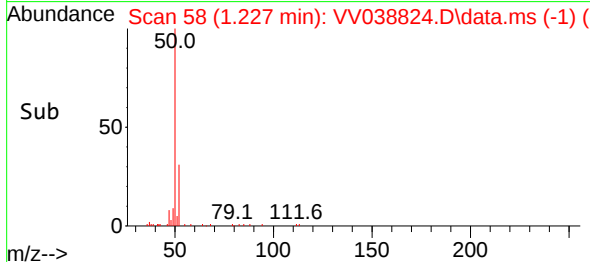
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2627
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.6

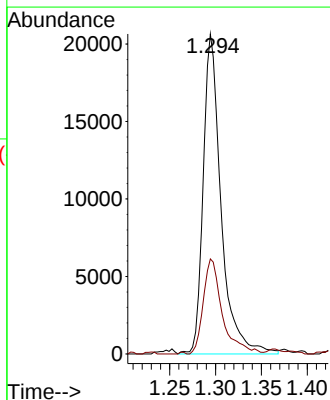
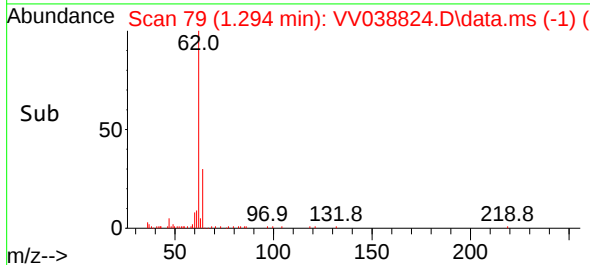
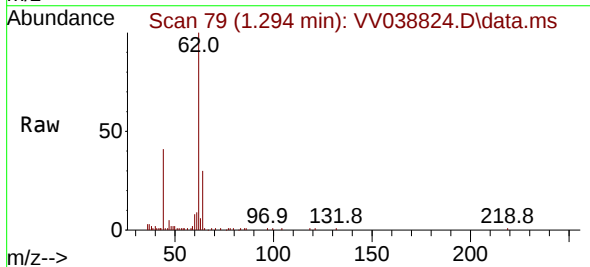
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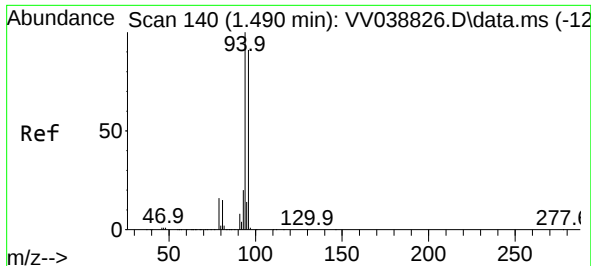
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#4
Vinyl Chloride
Concen: 5.188 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 62 Resp: 28035
Ion Ratio Lower Upper
62 100
64 29.7 25.3 37.9





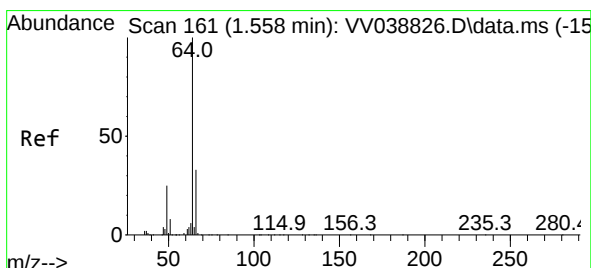
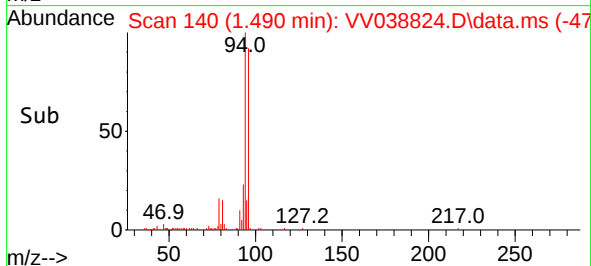
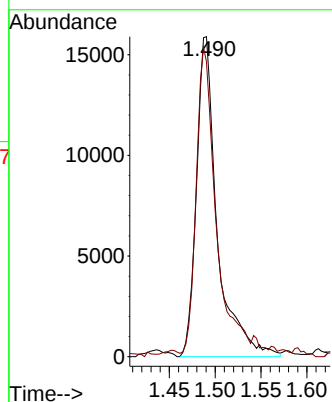
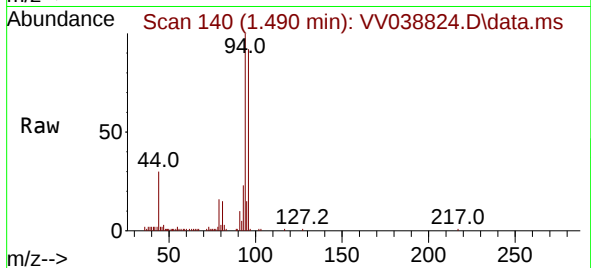
#5
Bromomethane
Concen: 7.043 ug/l
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV038824.D
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Tgt Ion: 94 Resp: 25062
Ion Ratio Lower Upper
94 100
96 91.1 72.9 109.3

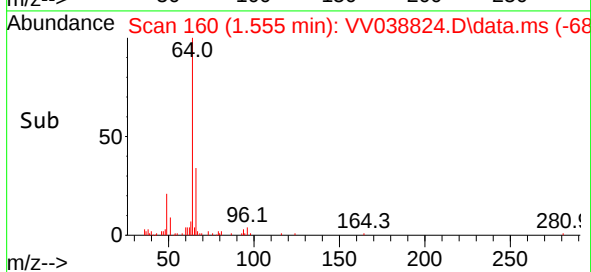
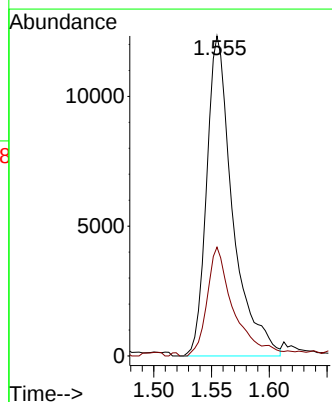
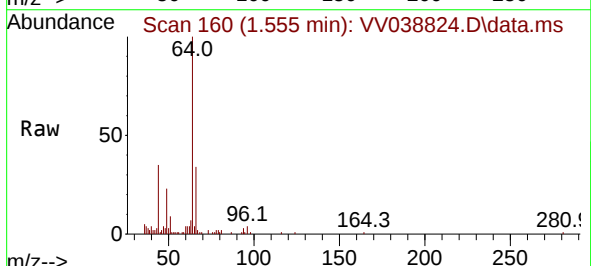
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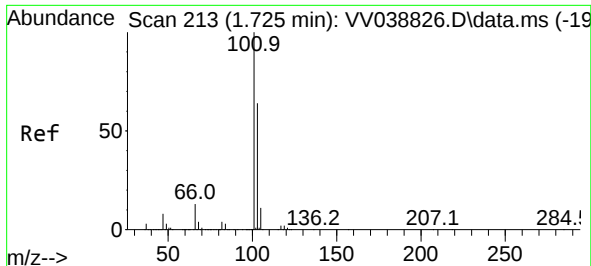
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#6
Chloroethane
Concen: 5.531 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV038824.D
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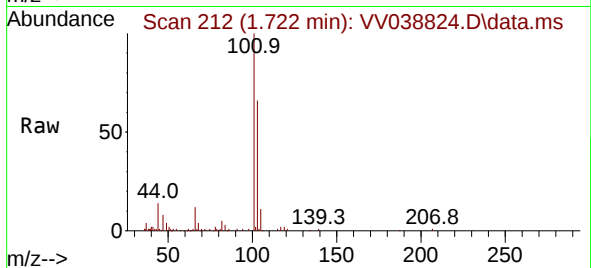
Tgt Ion: 64 Resp: 19339
Ion Ratio Lower Upper
64 100
66 34.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 5.268 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV038824.D
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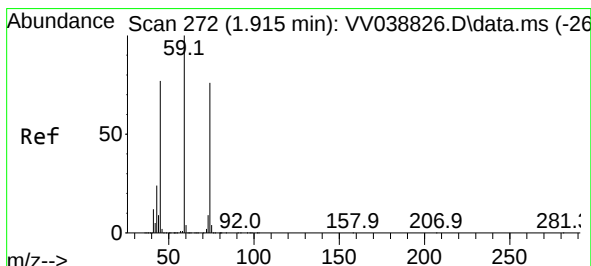
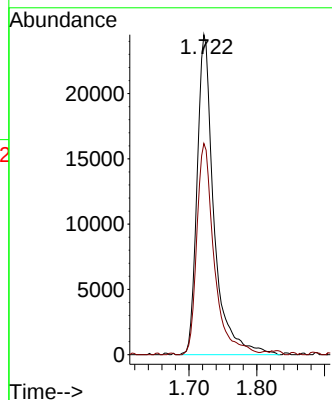
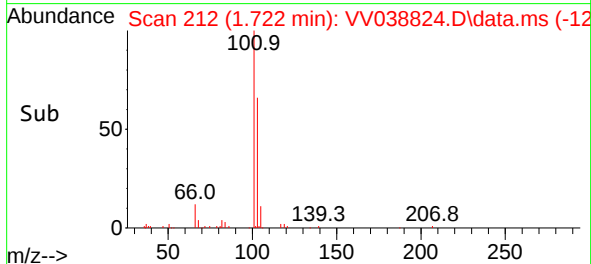
Instrument :
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 VSTDIC005



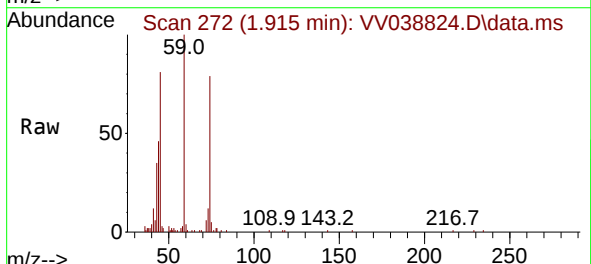
Tgt Ion:101 Resp: 42360
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.5 77.3

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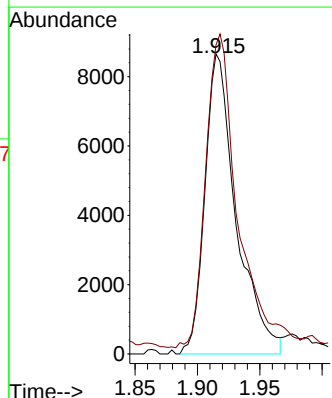
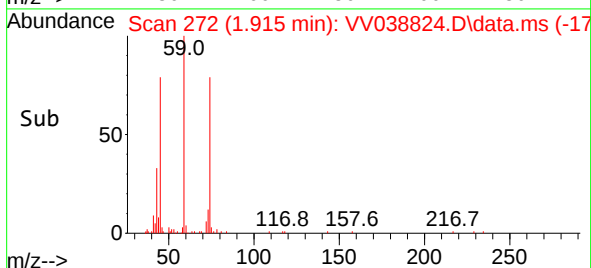
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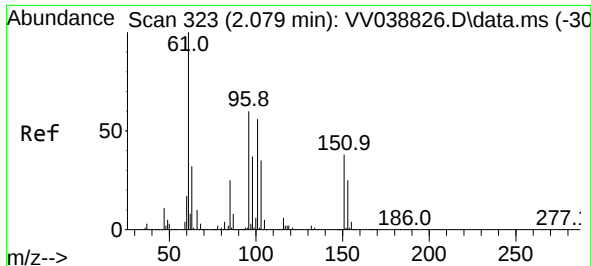


#8
 Diethyl Ether
 Concen: 4.919 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17



Tgt Ion: 74 Resp: 15111
 Ion Ratio Lower Upper
 74 100
 45 108.0 50.2 150.6





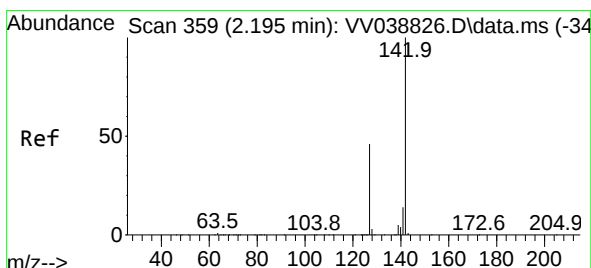
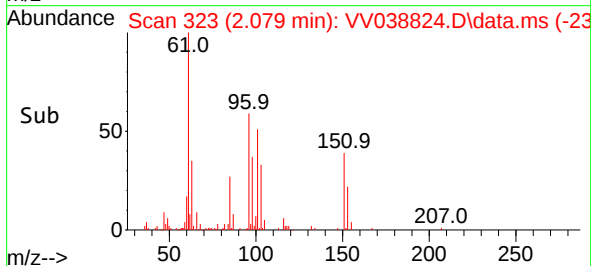
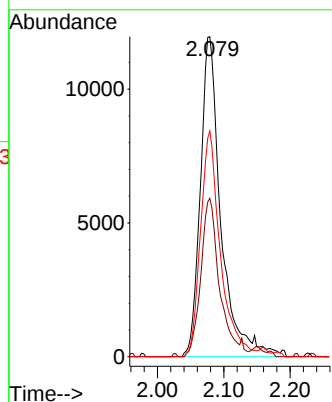
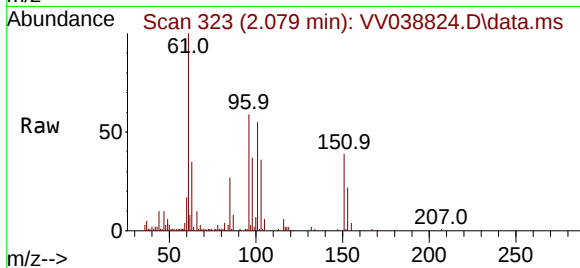
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.314 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 25734
Ion Ratio Lower Upper
101 100
85 45.4 35.5 53.3
151 68.1 55.4 83.2

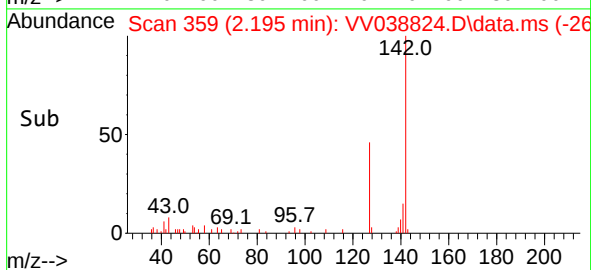
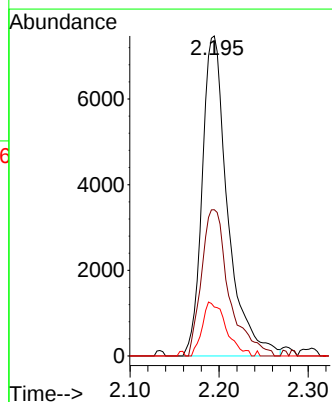
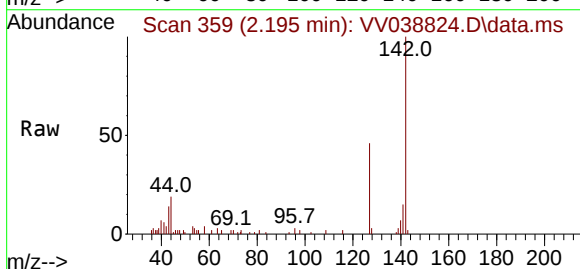
Manual Integrations
APPROVED

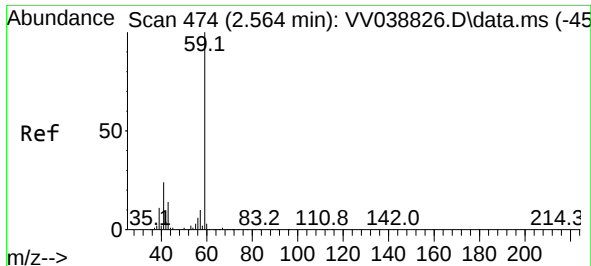
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#10
Methyl Iodide
Concen: 6.843 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

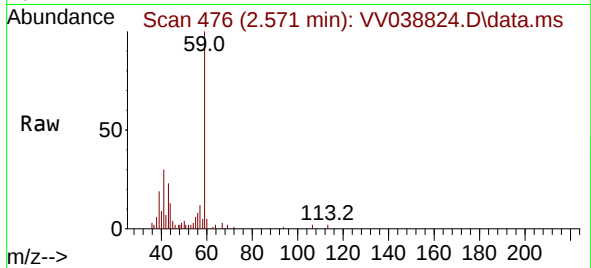
Tgt Ion:142 Resp: 14836
Ion Ratio Lower Upper
142 100
127 49.4 36.4 54.6
141 15.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 24.847 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

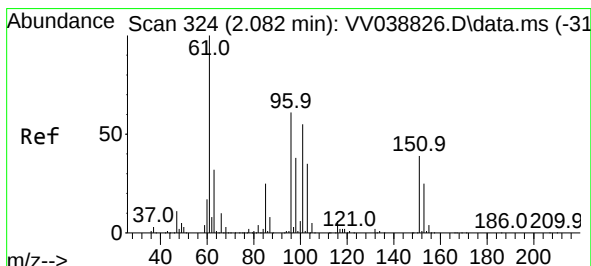
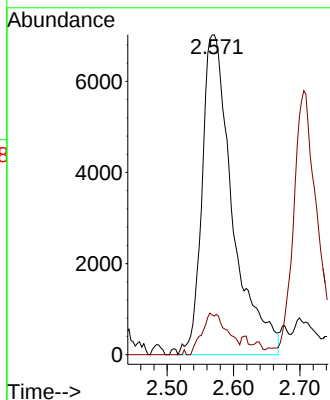
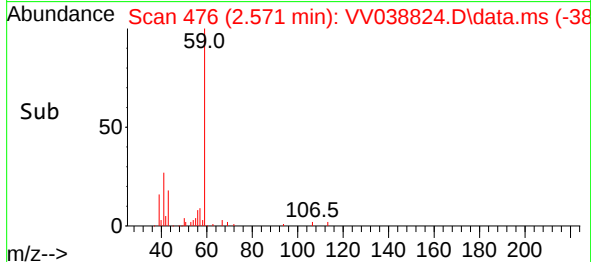
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 22460
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1

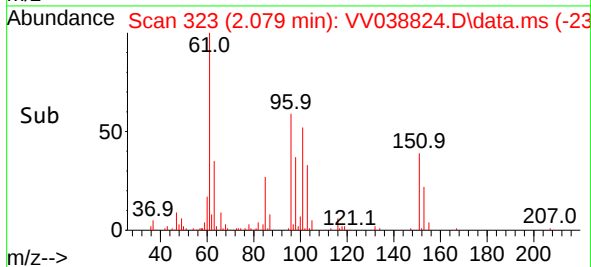
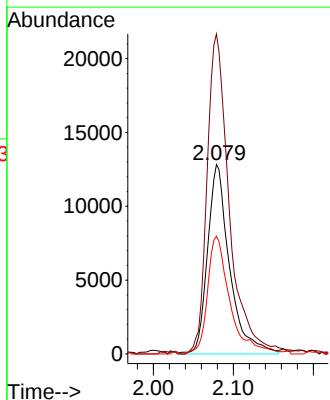
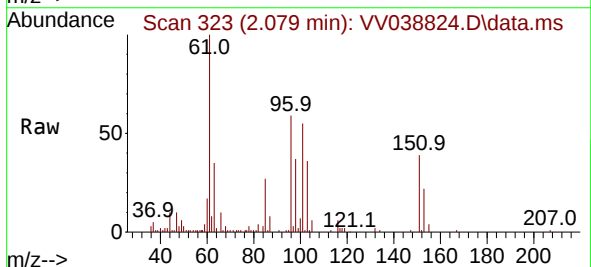
Manual Integrations
APPROVED

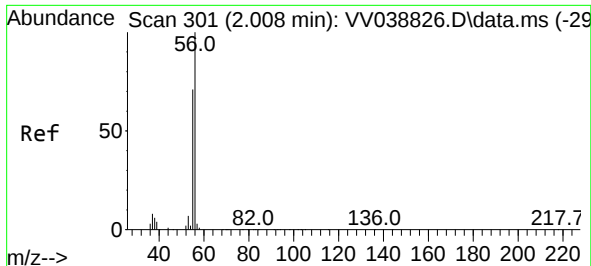
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#12
1,1-Dichloroethene
Concen: 4.643 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

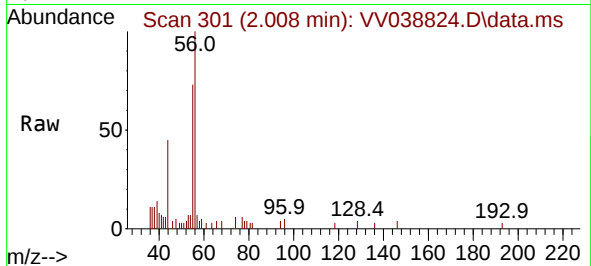
Tgt Ion: 96 Resp: 24585
Ion Ratio Lower Upper
96 100
61 168.0 131.5 197.3
98 62.1 50.0 75.0





#13
Acrolein
Concen: 22.971 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

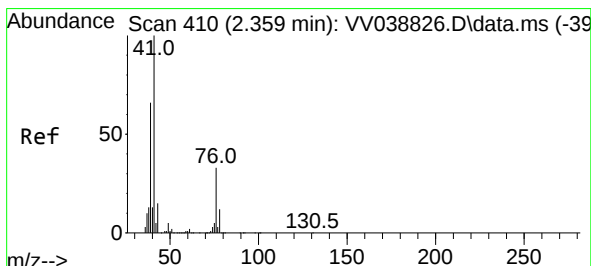
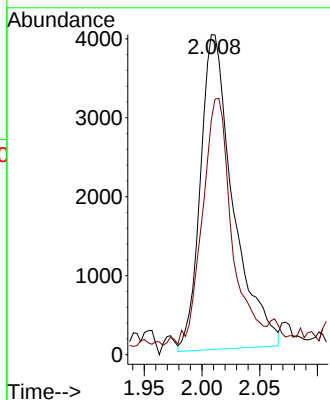
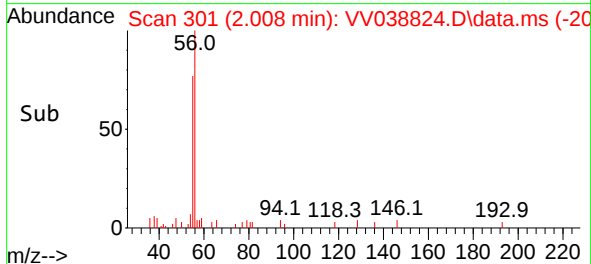
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 784
Ion Ratio Lower Upper
56 100
55 71.3 56.0 84.0

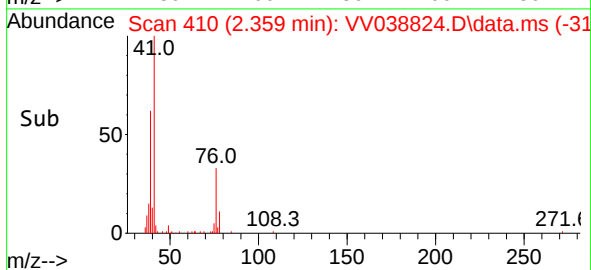
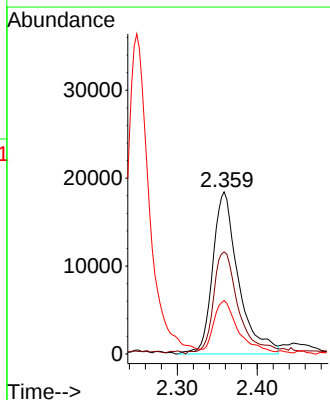
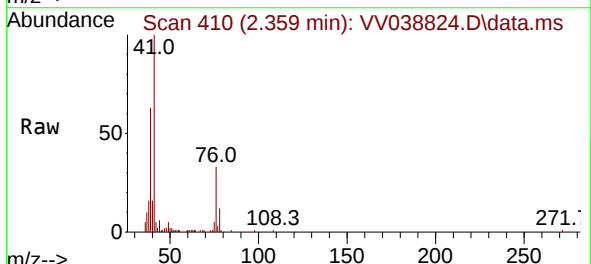
Manual Integrations
APPROVED

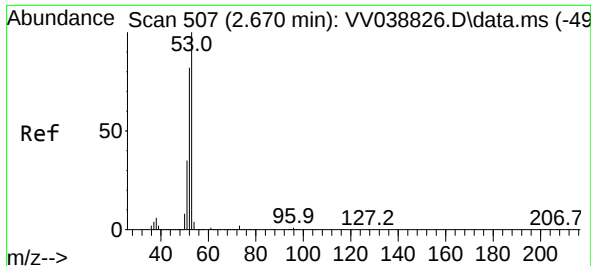
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#14
Allyl chloride
Concen: 5.234 ug/l
RT: 2.359 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

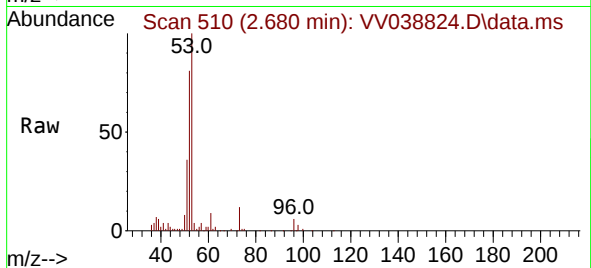
Tgt Ion: 41 Resp: 41104
Ion Ratio Lower Upper
41 100
39 63.0 49.4 74.0
76 29.2 28.8 43.2





#15
Acrylonitrile
Concen: 23.453 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

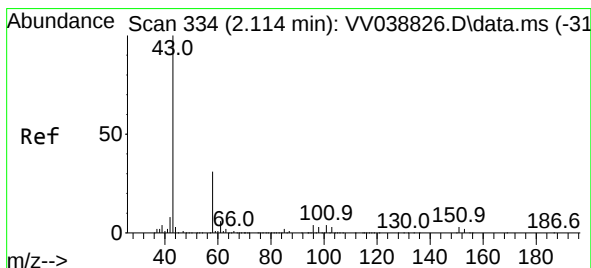
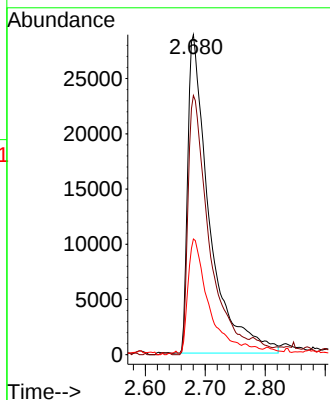
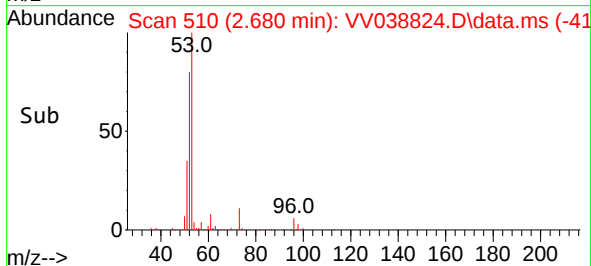
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 53 Resp: 72190
Ion Ratio Lower Upper
53 100
52 79.3 65.5 98.3
51 33.4 28.3 42.5

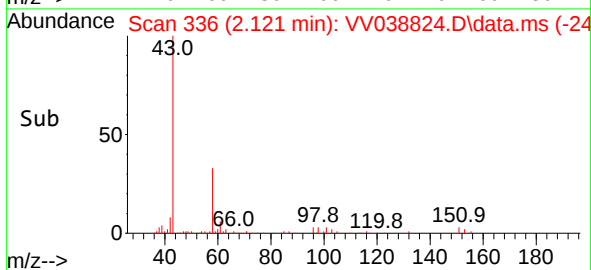
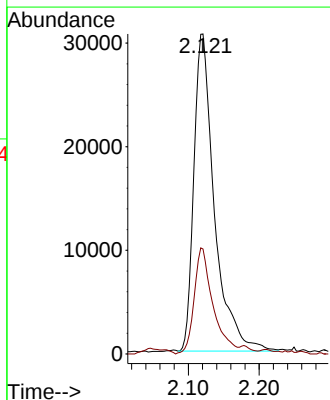
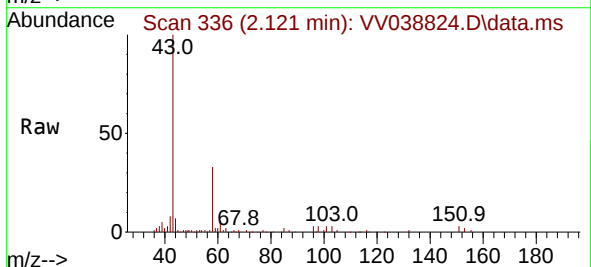
Manual Integrations
APPROVED

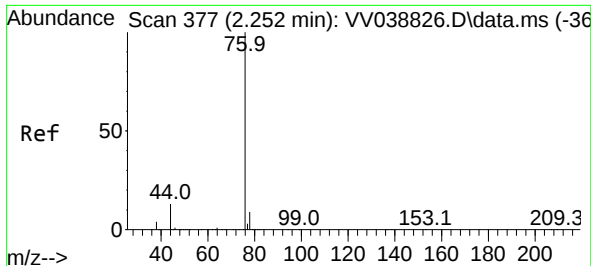
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#16
Acetone
Concen: 25.867 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

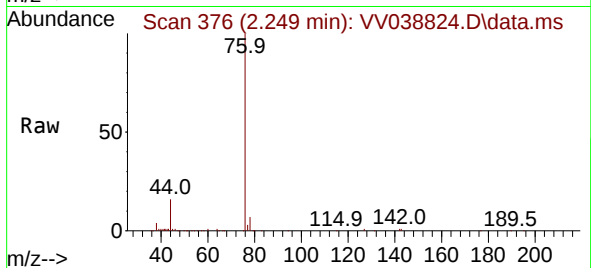
Tgt Ion: 43 Resp: 61668
Ion Ratio Lower Upper
43 100
58 32.7 25.7 38.5





#17
Carbon Disulfide
Concen: 4.543 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

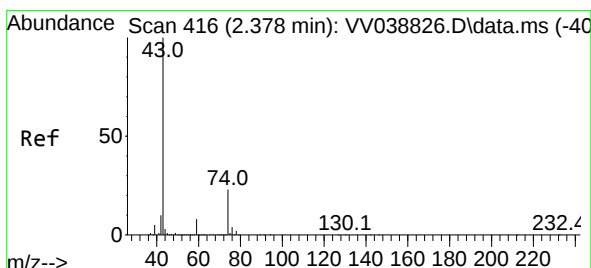
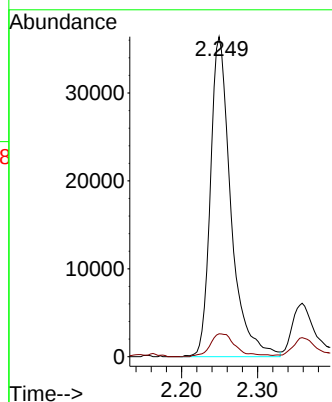
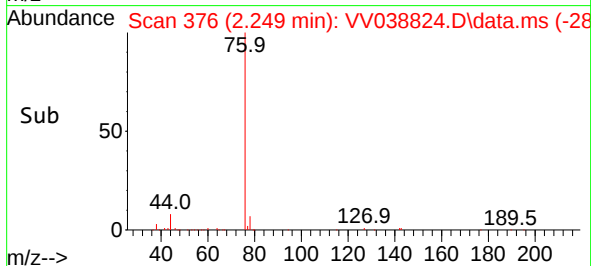
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 68109
Ion Ratio Lower Upper
76 100
78 7.1 7.1 10.7

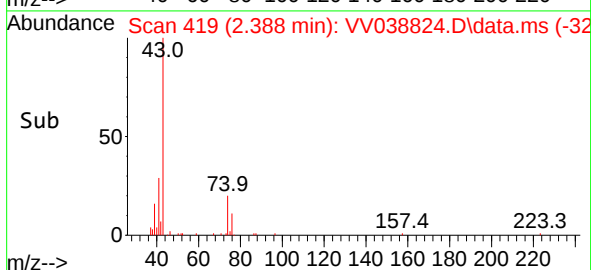
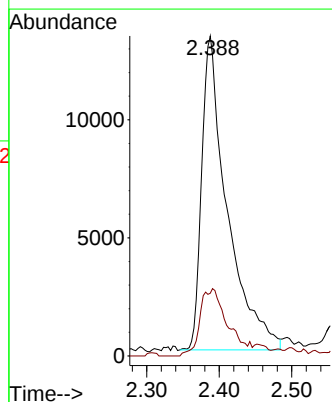
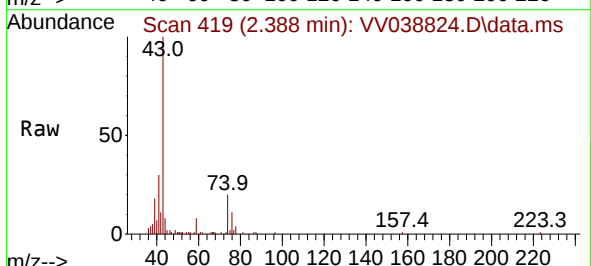
Manual Integrations
APPROVED

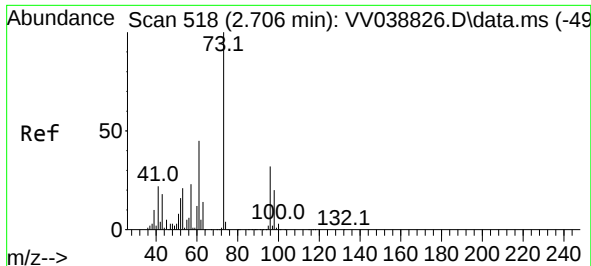
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#18
Methyl Acetate
Concen: 4.252 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

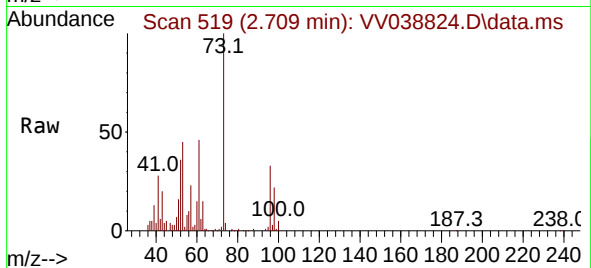
Tgt Ion: 43 Resp: 32476
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.2





#19
Methyl tert-butyl Ether
Concen: 4.326 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

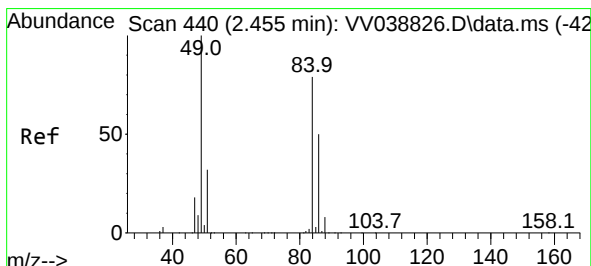
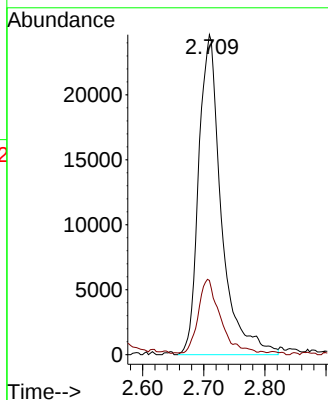
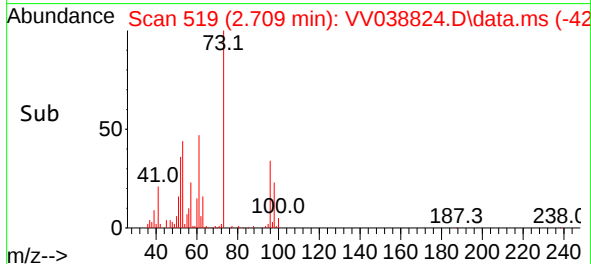
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 6349
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4

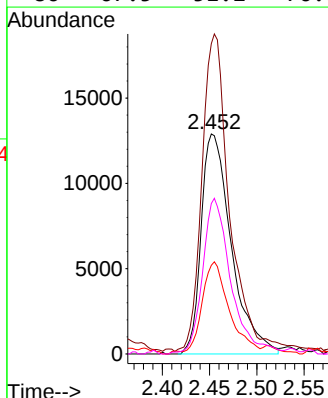
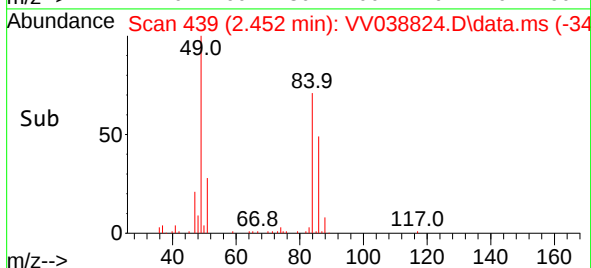
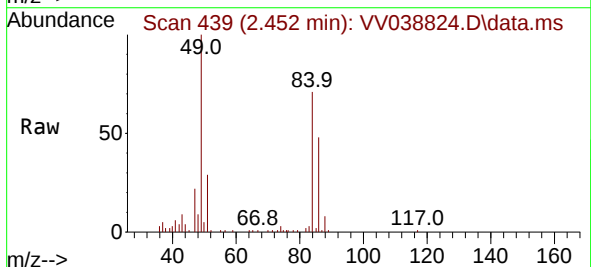
Manual Integrations
APPROVED

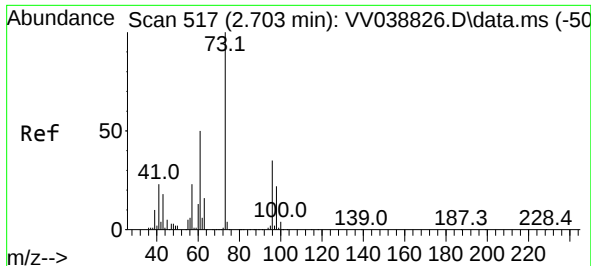
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#20
Methylene Chloride
Concen: 5.165 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

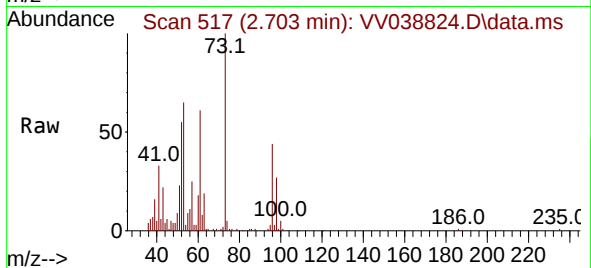
Tgt Ion: 84 Resp: 28658
Ion Ratio Lower Upper
84 100
49 138.8 101.4 152.2
51 39.0 32.3 48.5
86 67.5 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 4.946 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

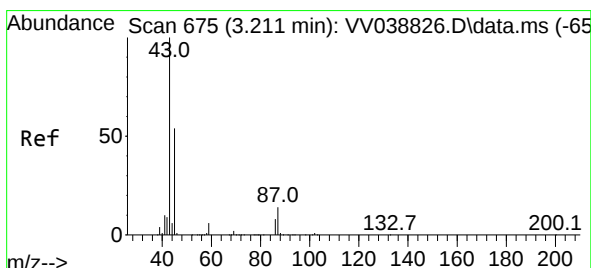
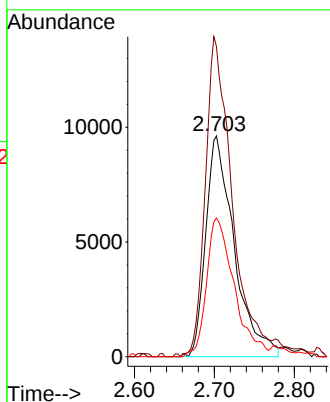
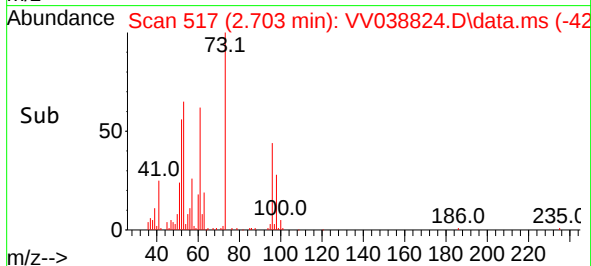
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 23874
Ion Ratio Lower Upper
96 100
61 139.2 112.6 169.0
98 62.8 49.6 74.4

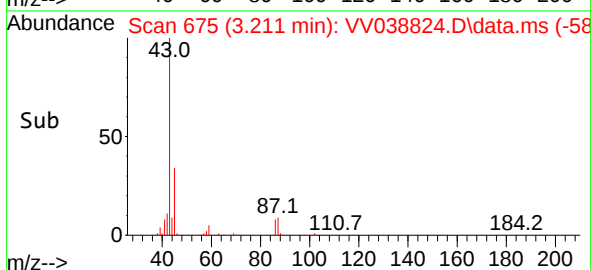
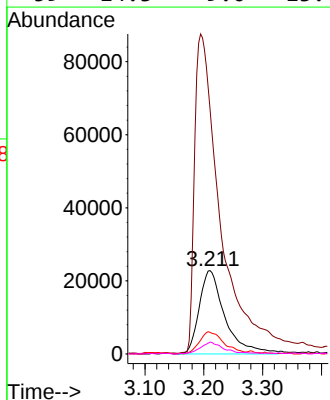
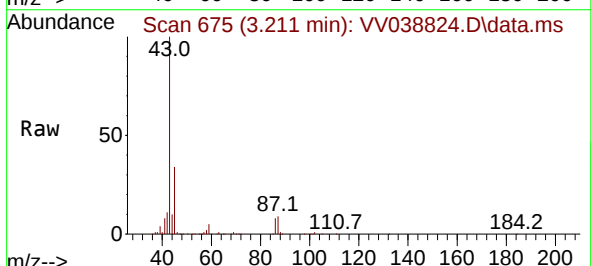
Manual Integrations
APPROVED

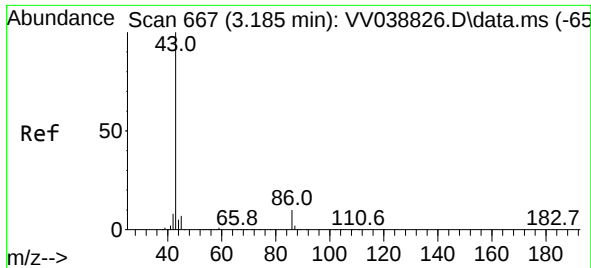
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#22
Diisopropyl ether
Concen: 4.364 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

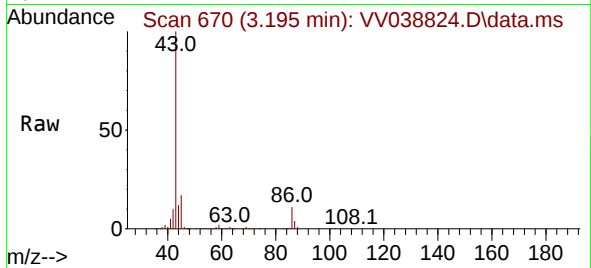
Tgt Ion: 45 Resp: 69365
Ion Ratio Lower Upper
45 100
43 294.5 148.7 223.1#
87 25.5 21.0 31.4
59 14.3 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 21.449 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

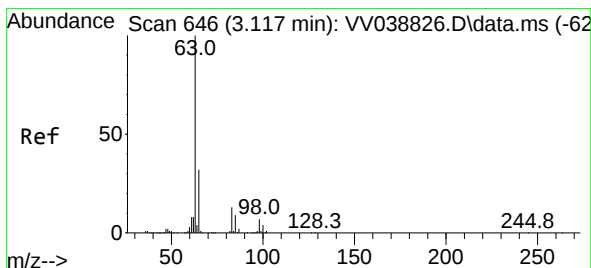
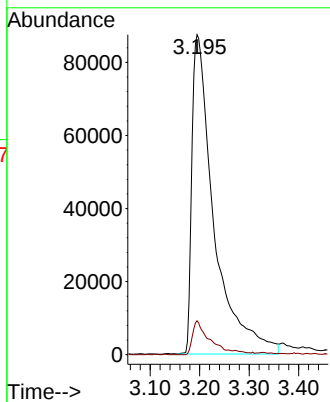
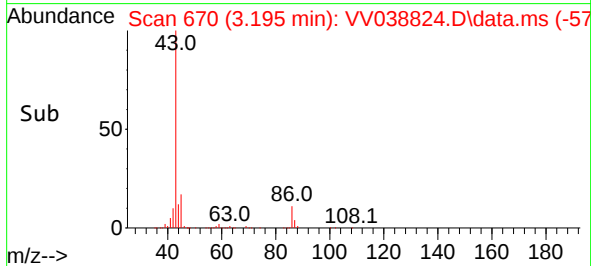
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005



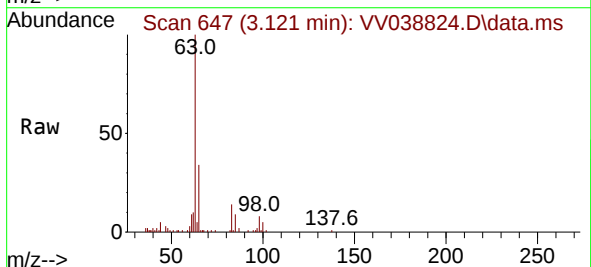
Tgt Ion: 43 Resp: 270808
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2

Manual Integrations
 APPROVED

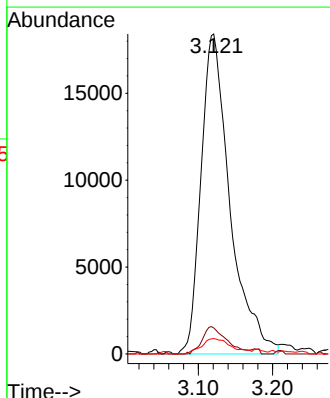
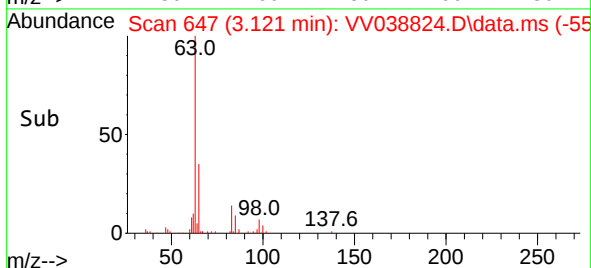
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

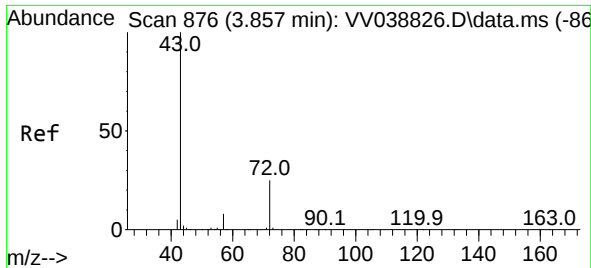


#24
 1,1-Dichloroethane
 Concen: 5.237 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17



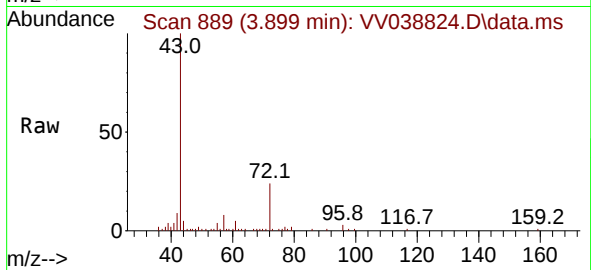
Tgt Ion: 63 Resp: 49922
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 21.146 ug/l
RT: 3.899 min Scan# 889
Delta R.T. 0.042 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

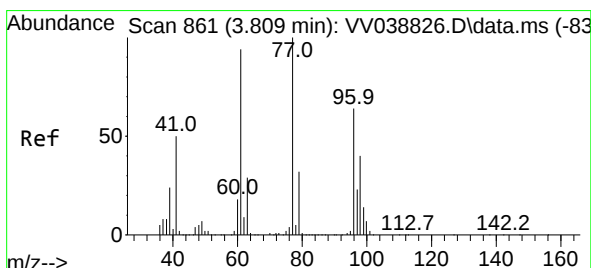
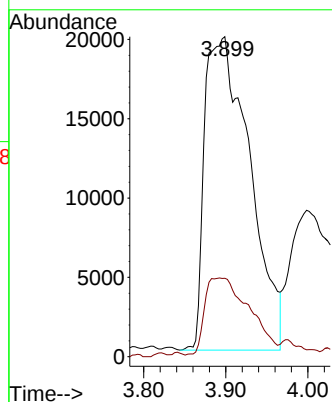
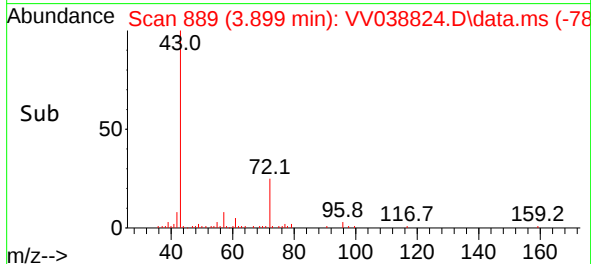
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 7540
Ion Ratio Lower Upper
43 100
72 23.8 20.2 30.4

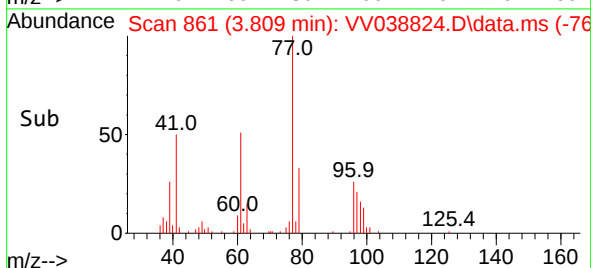
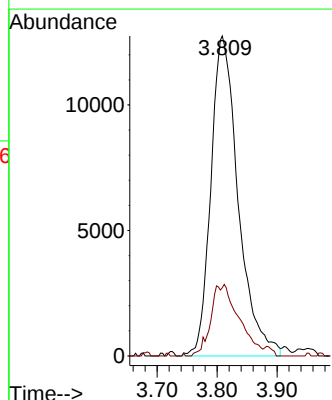
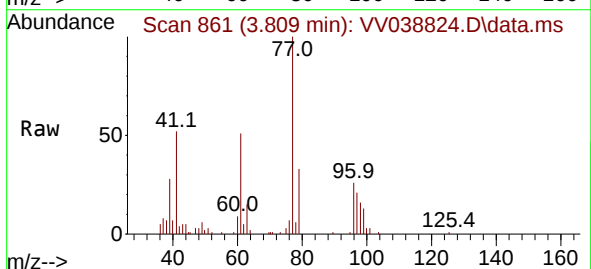
Manual Integrations
APPROVED

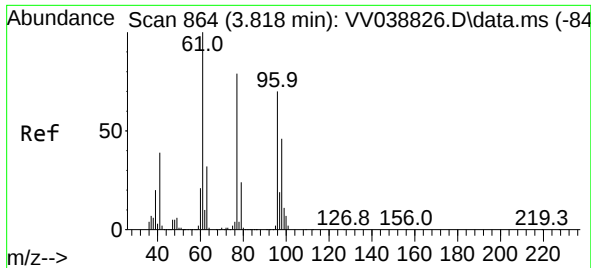
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#26
2,2-Dichloropropane
Concen: 5.024 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

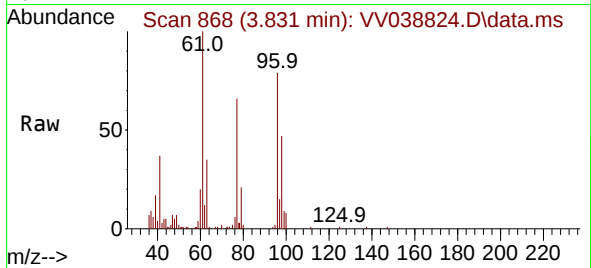
Tgt Ion: 77 Resp: 40331
Ion Ratio Lower Upper
77 100
97 8.6 11.1 33.1#





#27
 cis-1,2-Dichloroethene
 Concen: 4.512 ug/l
 RT: 3.831 min Scan# 864
 Delta R.T. 0.013 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

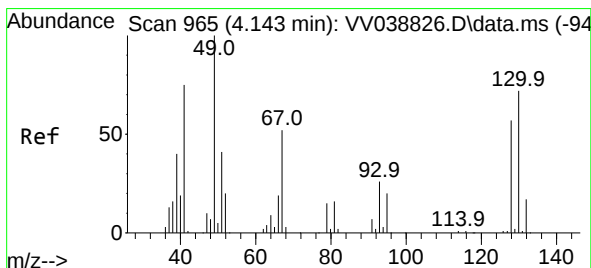
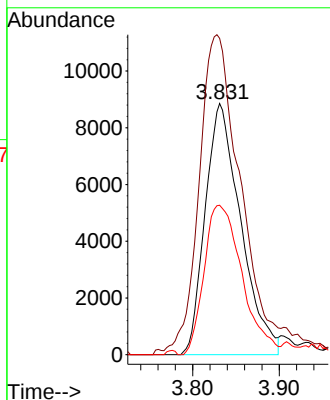
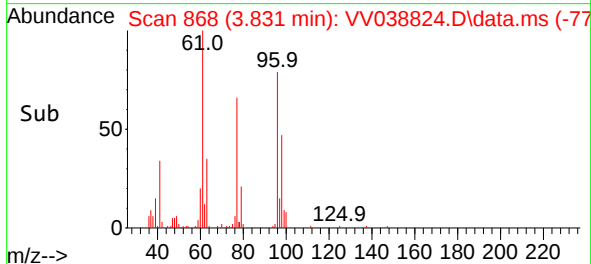
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 25240
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 292.4
 98 63.7 0.0 128.6

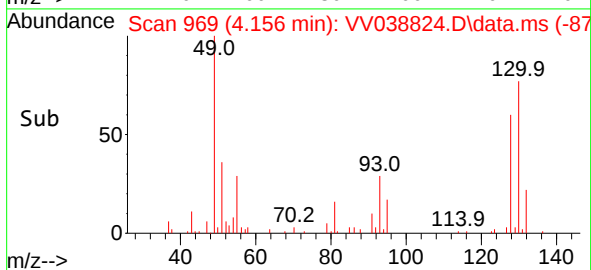
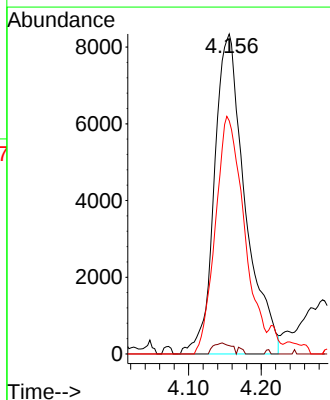
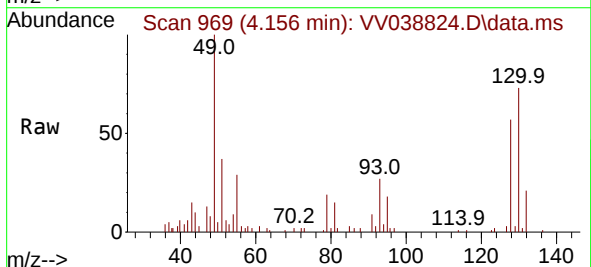
Manual Integrations
 APPROVED

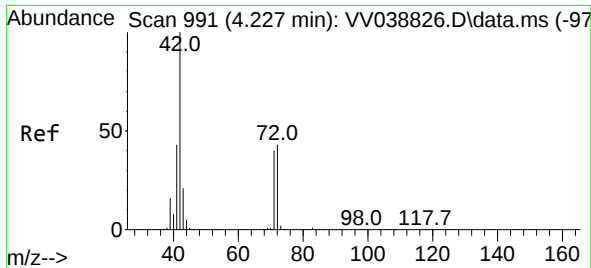
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#28
 Bromochloromethane
 Concen: 5.514 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.013 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

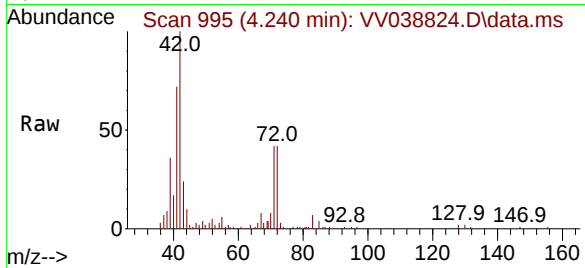
Tgt Ion: 49 Resp: 24531
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 69.6 58.8 88.2





#29
Tetrahydrofuran
Concen: 19.890 ug/l
RT: 4.240 min Scan# 991
Delta R.T. 0.013 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

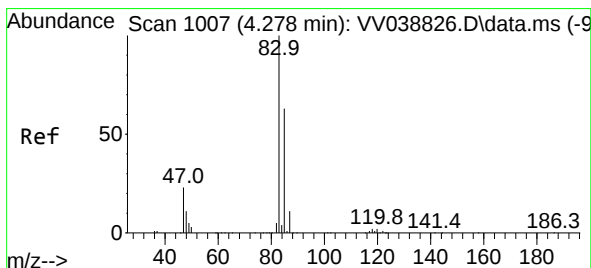
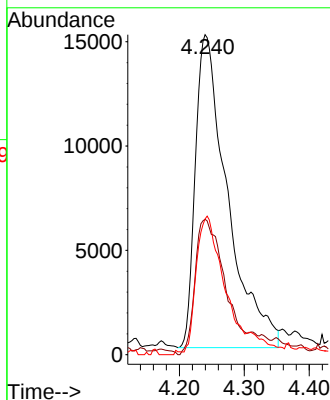
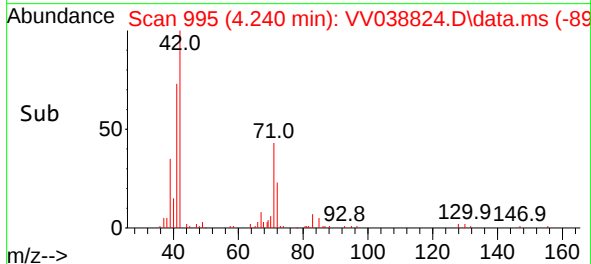
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



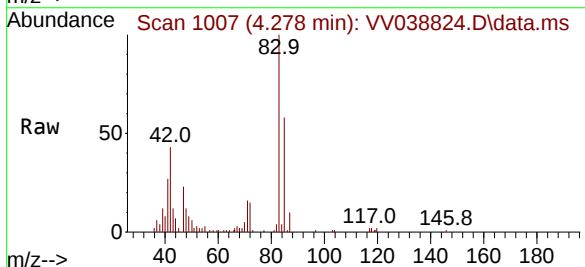
Tgt Ion: 42 Resp: 5162
Ion Ratio Lower Upper
42 100
72 39.9 34.8 52.2
71 36.5 32.6 49.0

Manual Integrations
APPROVED

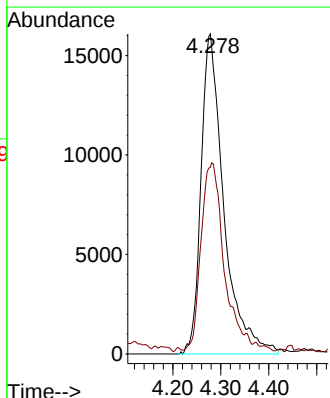
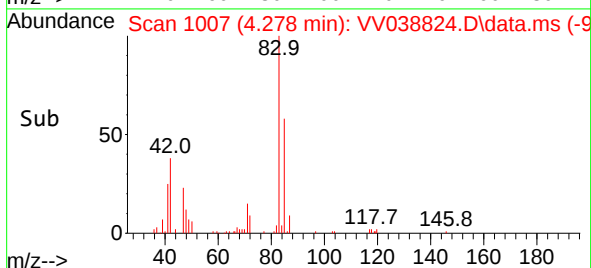
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

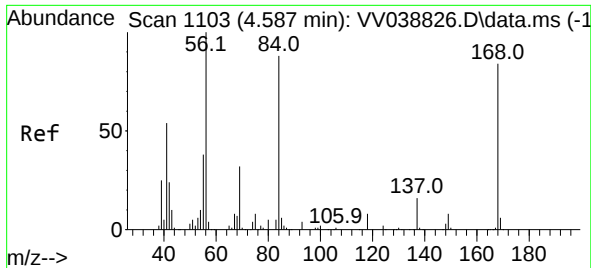


#30
Chloroform
Concen: 5.416 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17



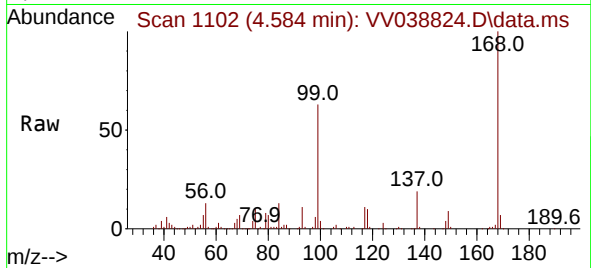
Tgt Ion: 83 Resp: 53050
Ion Ratio Lower Upper
83 100
85 57.1 50.6 76.0





#31
Cyclohexane
Concen: 5.675 ug/l
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

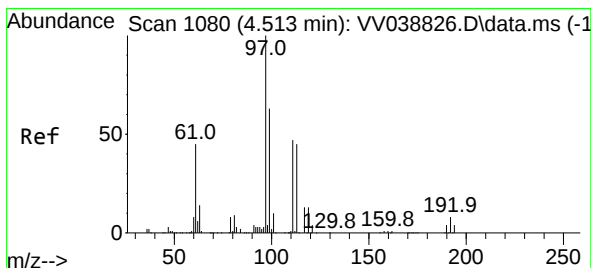
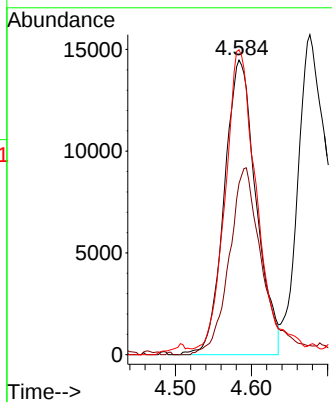
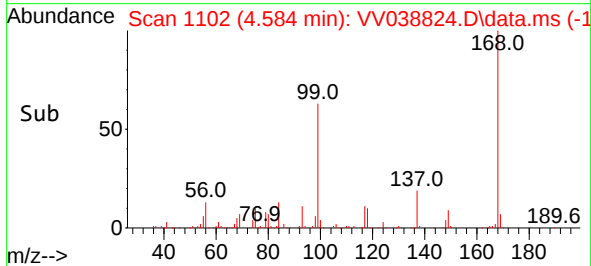
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 58.1 25.4 38.0
84 100.2 70.2 105.4

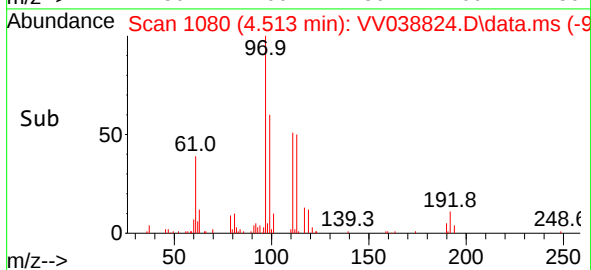
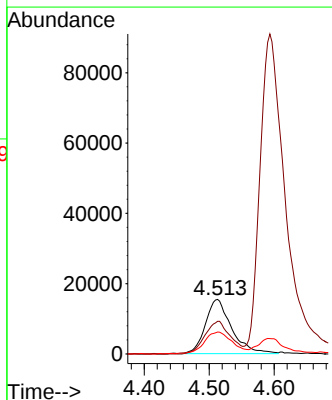
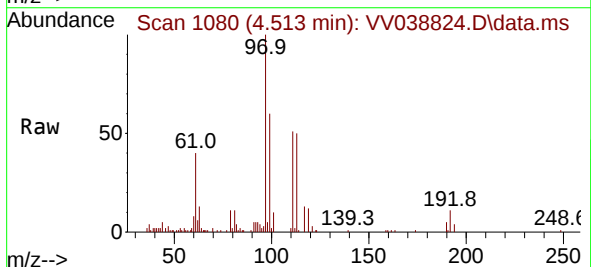
Manual Integrations
APPROVED

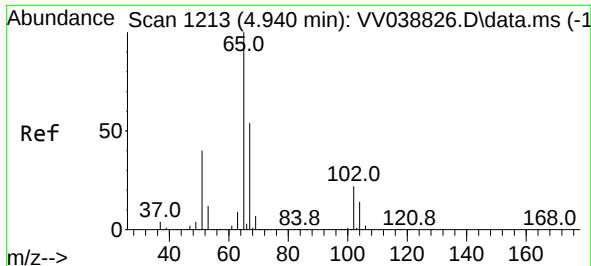
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#32
1,1,1-Trichloroethane
Concen: 5.118 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 97 Resp: 43094
Ion Ratio Lower Upper
97 100
99 58.7 48.9 73.3
61 42.3 34.6 51.8





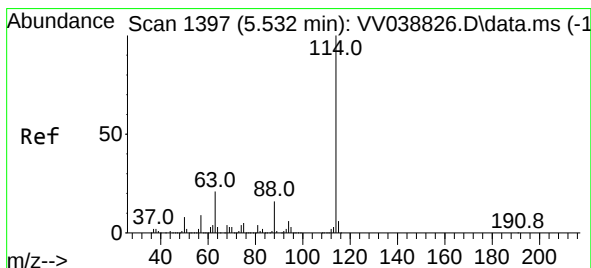
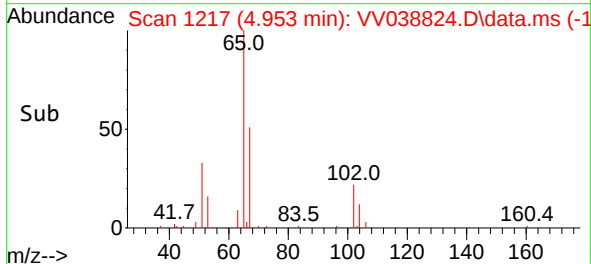
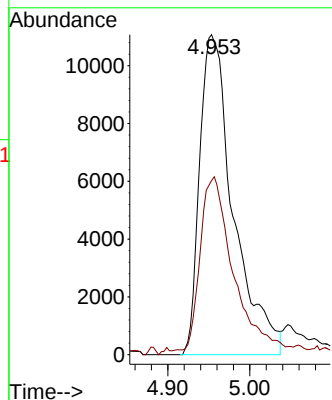
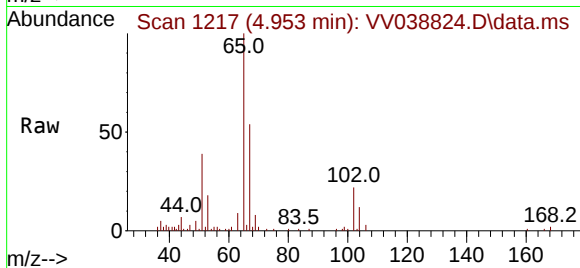
#33
1,2-Dichloroethane-d4
Concen: 5.957 ug/l
RT: 4.953 min Scan# 1217
Delta R.T. 0.013 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 31579
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.8

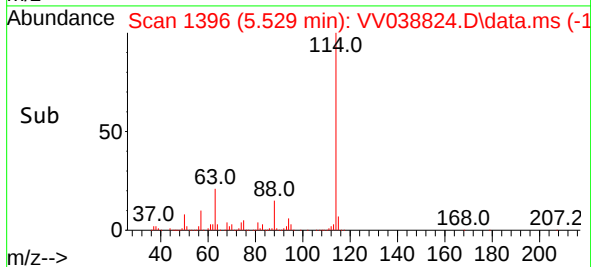
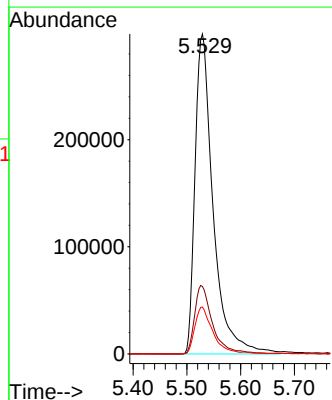
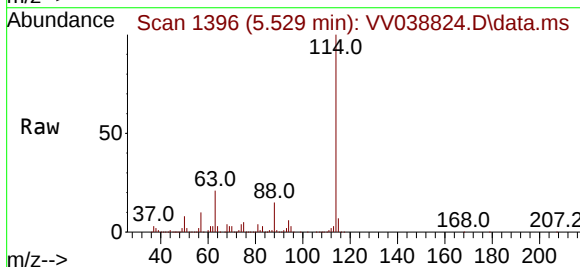
Manual Integrations
APPROVED

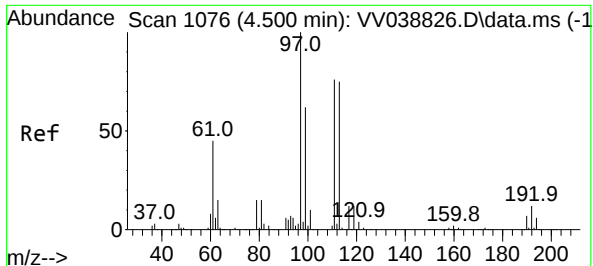
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:114 Resp: 698367
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 14.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 5.325 ug/l

RT: 4.510 min Scan# 1076

Delta R.T. 0.010 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

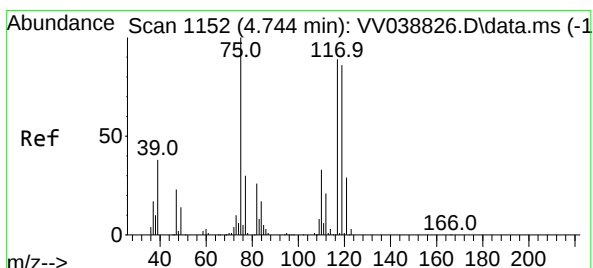
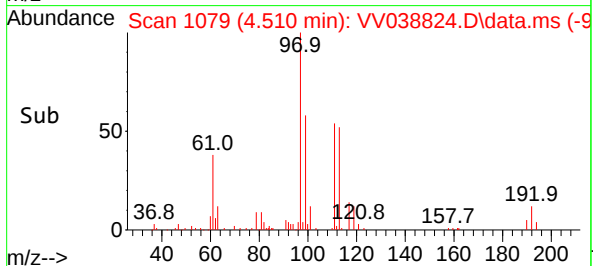
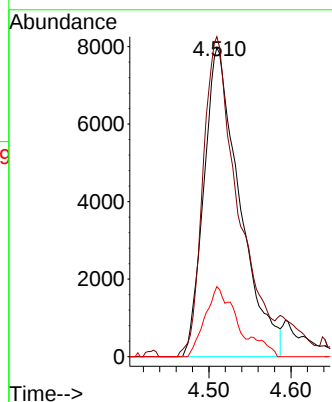
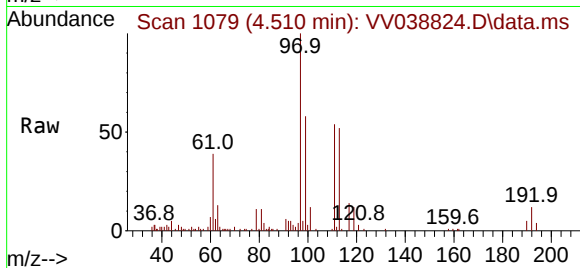
VSTDIC005

Tgt Ion:	113	Resp:	24128
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.0	124.4
192	18.0	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#36

1,1-Dichloropropene

Concen: 4.319 ug/l

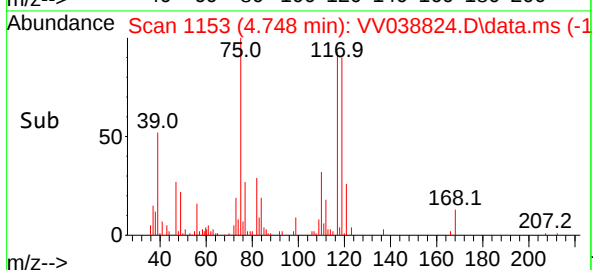
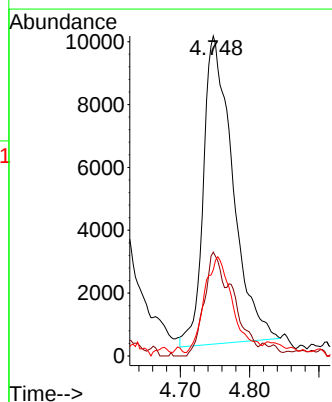
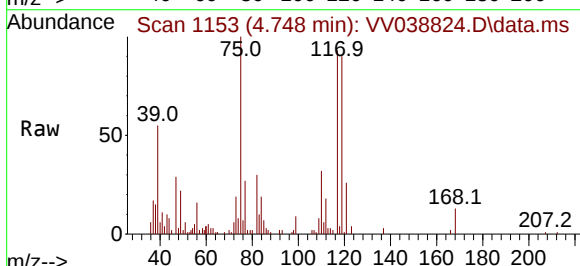
RT: 4.748 min Scan# 1153

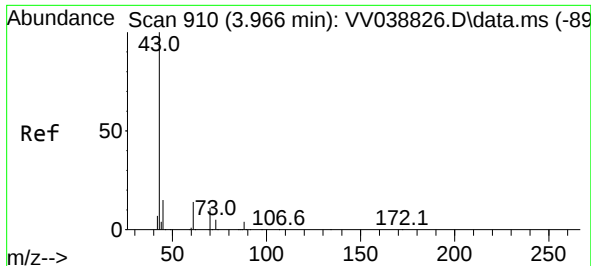
Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

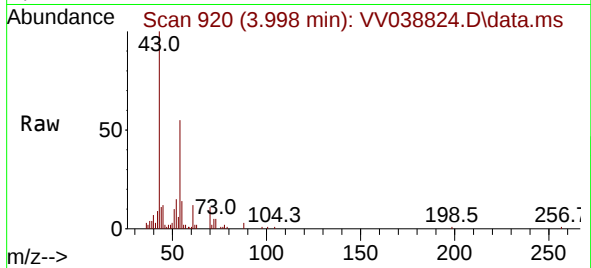
Tgt Ion:	75	Resp:	28672
Ion Ratio	Lower	Upper	
75	100		
110	22.3	17.4	52.3
77	30.1	24.4	36.6





#37
Ethyl Acetate
Concen: 5.071 ug/l m
RT: 3.998 min Scan# 910
Delta R.T. 0.032 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

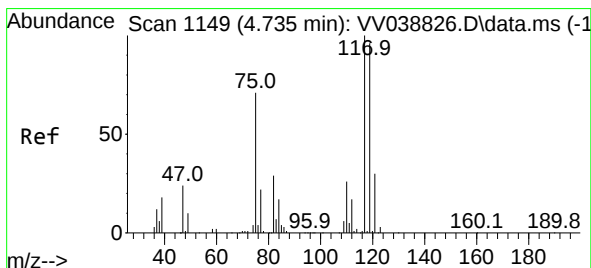
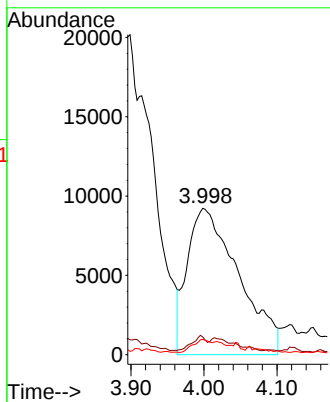
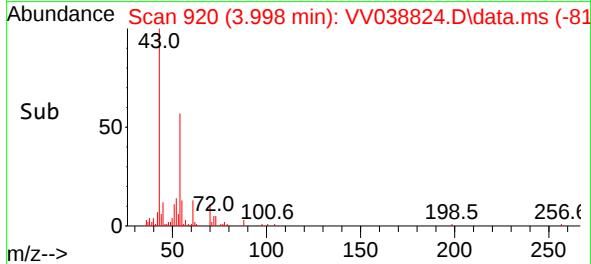
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
61 2.6 9.9 14.9
70 3.1 7.1 10.7

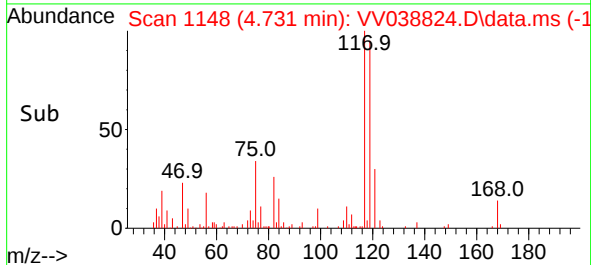
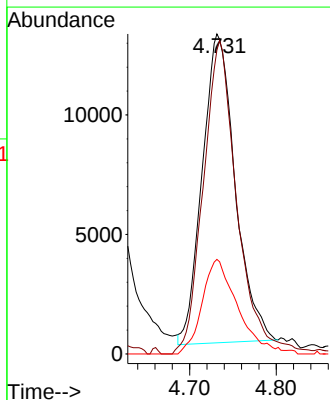
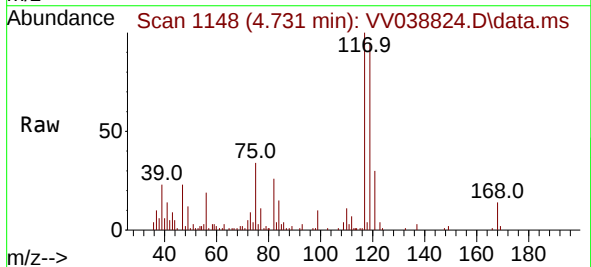
Manual Integrations
APPROVED

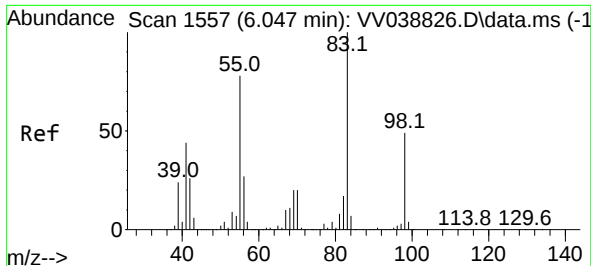
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#38
Carbon Tetrachloride
Concen: 4.819 ug/l
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:117 Resp: 34048
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 4.529 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

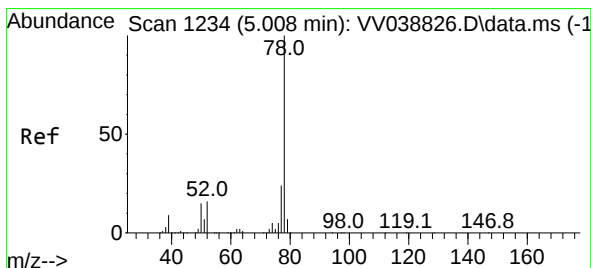
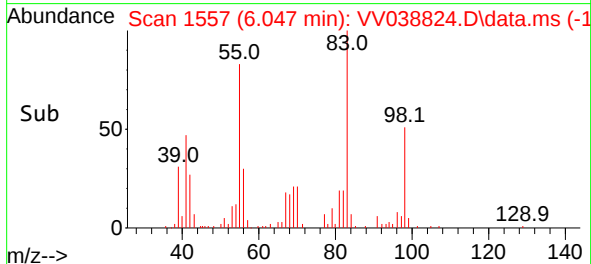
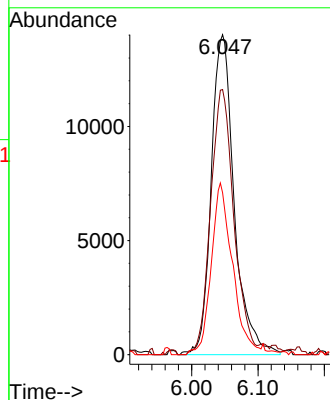
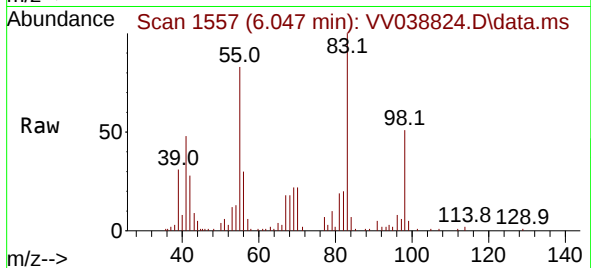
Tgt Ion: 83 Resp: 33730

Ion	Ratio	Lower	Upper
83	100		
55	82.8	62.4	93.6
98	50.6	39.1	58.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#40

Benzene

Concen: 5.056 ug/l

RT: 5.011 min Scan# 1235

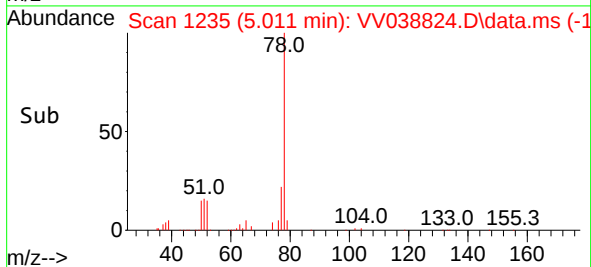
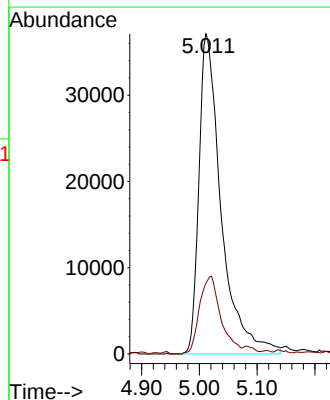
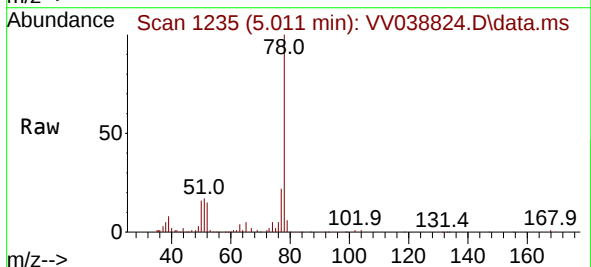
Delta R.T. 0.003 min

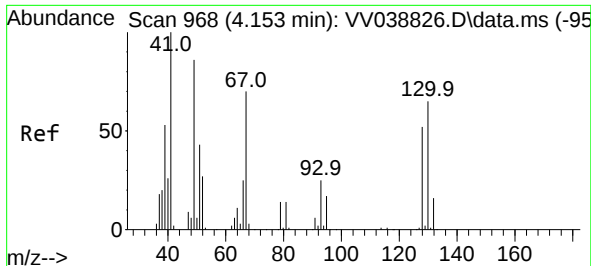
Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Tgt Ion: 78 Resp: 99303

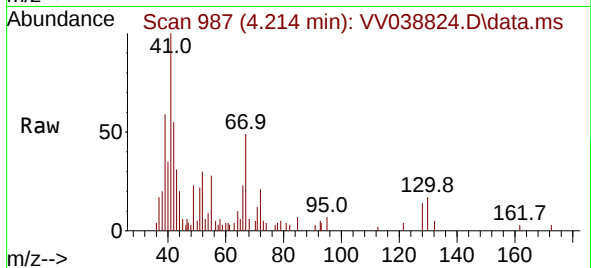
Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.3	28.9





#41
Methacrylonitrile
Concen: 5.033 ug/l m
RT: 4.214 min Scan# 987
Delta R.T. 0.061 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

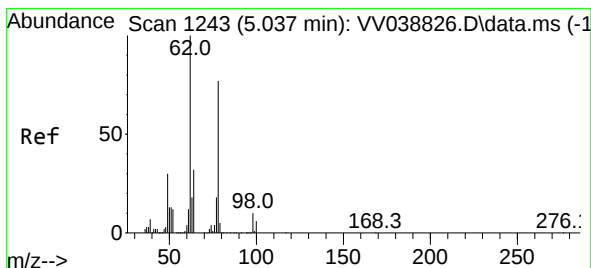
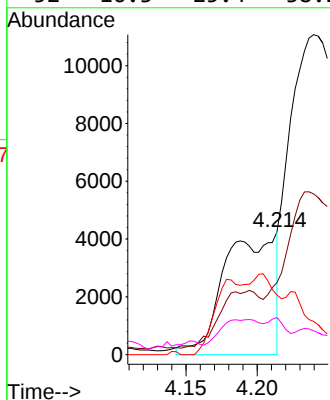
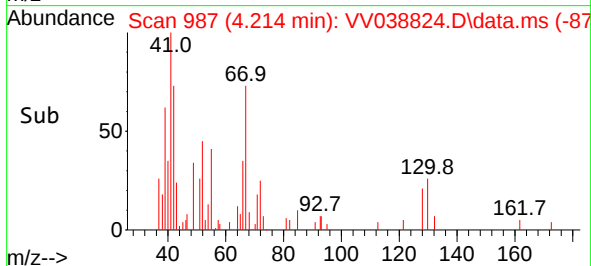
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion:	41	Resp:	1051
Ion	Ratio	Lower	Upper
41	100		
39	21.3	42.2	63.2
67	30.9	68.2	102.4
52	16.3	25.4	38.2

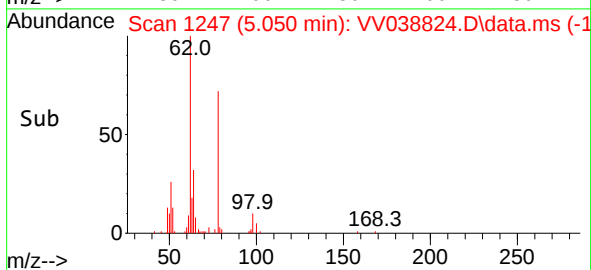
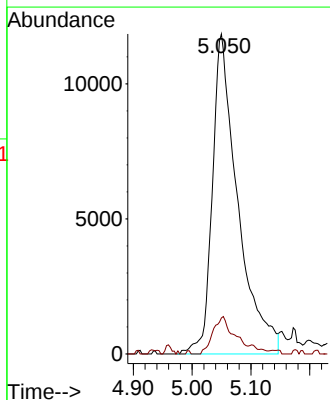
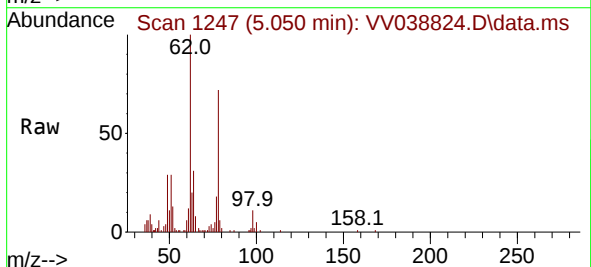
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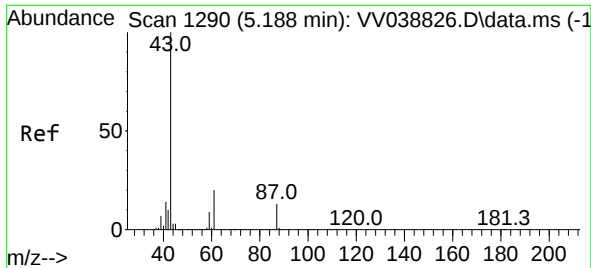
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#42
1,2-Dichloroethane
Concen: 5.032 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:	62	Resp:	35649
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8





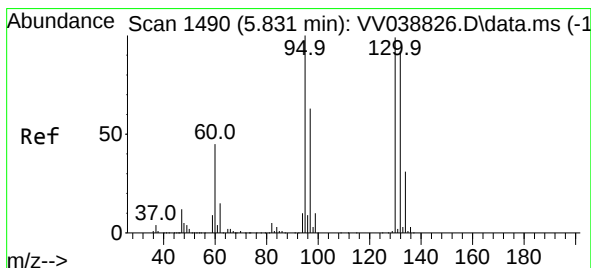
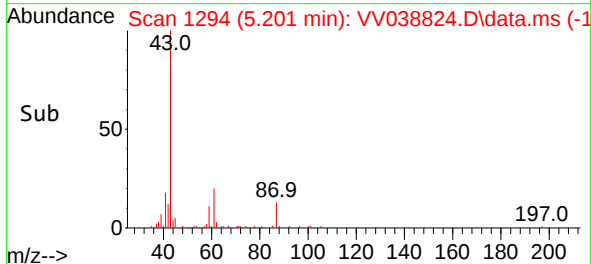
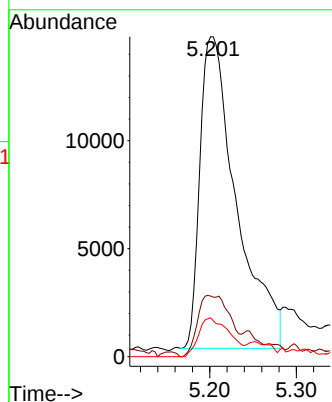
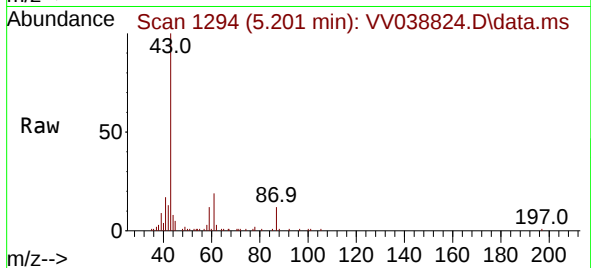
#43
Isopropyl Acetate
Concen: 3.917 ug/l
RT: 5.201 min Scan# 1294
Delta R.T. 0.013 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 42425
Ion Ratio Lower Upper
43 100
61 17.6 15.4 23.2
87 10.5 10.1 15.1

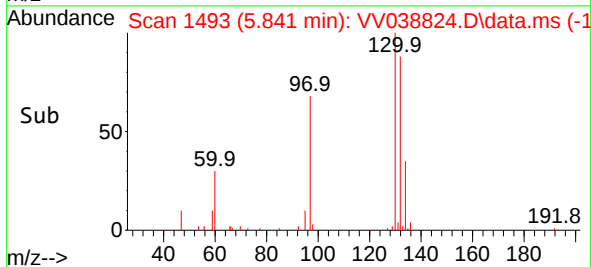
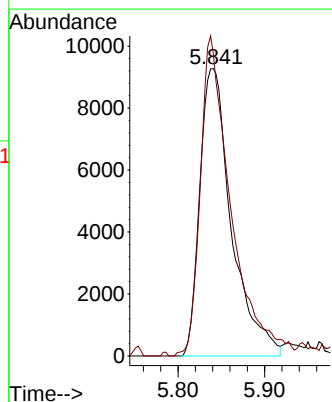
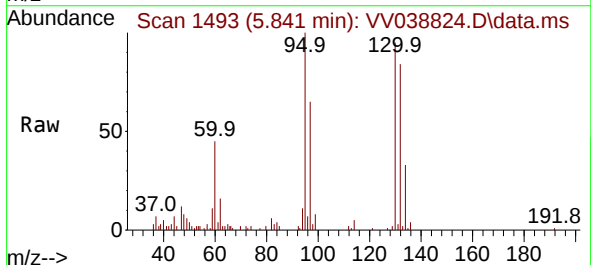
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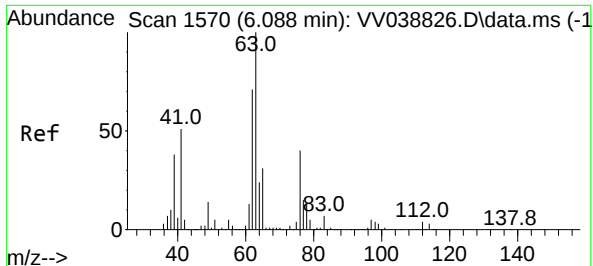
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#44
Trichloroethene
Concen: 4.994 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:130 Resp: 23540
Ion Ratio Lower Upper
130 100
95 103.8 0.0 201.6





#45

1,2-Dichloropropane

Concen: 4.726 ug/l

RT: 6.095 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2440

Ion Ratio Lower Upper

63 100

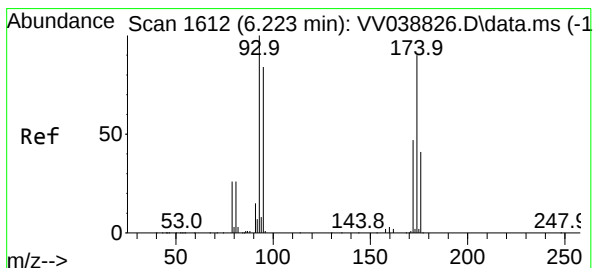
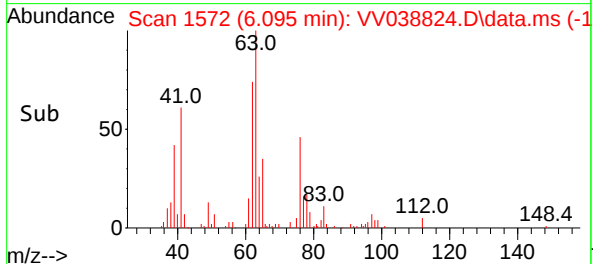
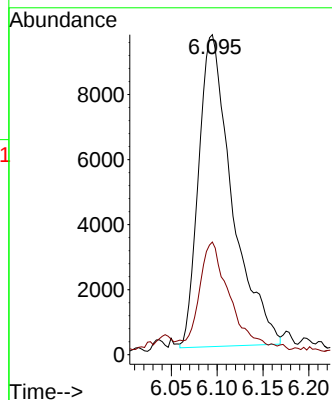
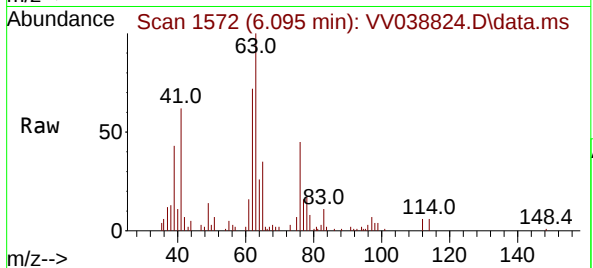
65 33.2 24.3 36.5

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Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#46

Dibromomethane

Concen: 5.060 ug/l

RT: 6.236 min Scan# 1616

Delta R.T. 0.013 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

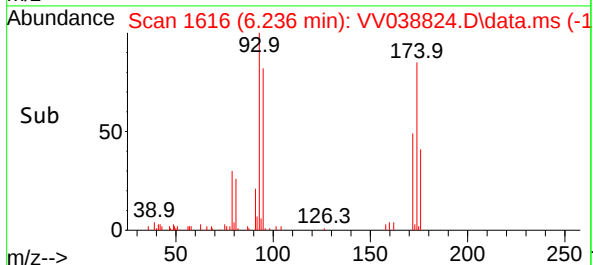
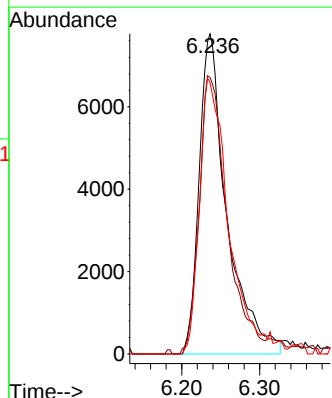
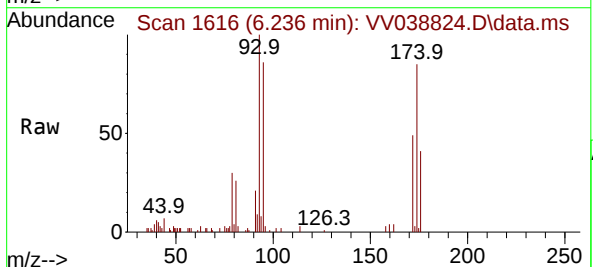
Tgt Ion: 93 Resp: 19167

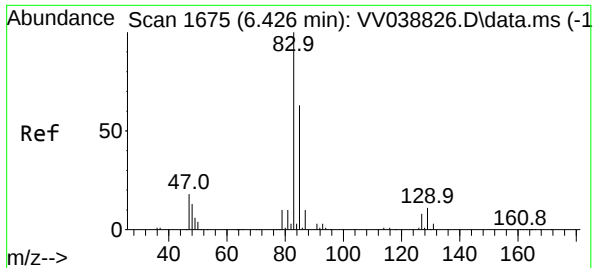
Ion Ratio Lower Upper

93 100

95 87.9 66.9 100.3

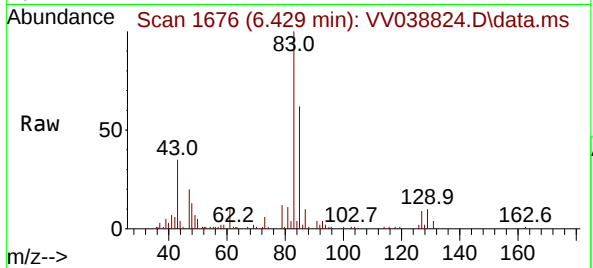
174 90.8 71.4 107.0





#47
Bromodichloromethane
Concen: 4.971 ug/l
RT: 6.429 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

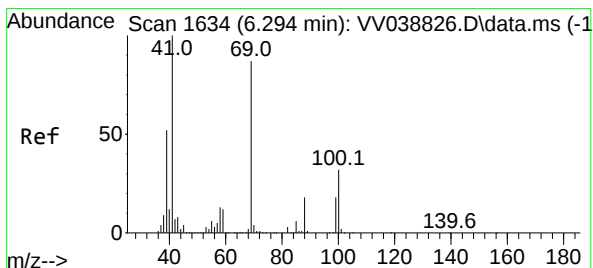
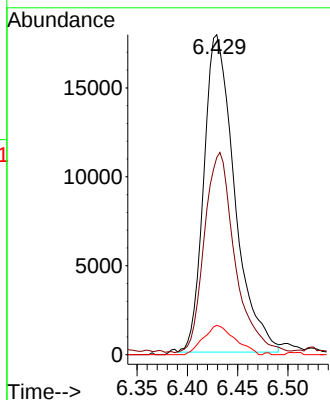
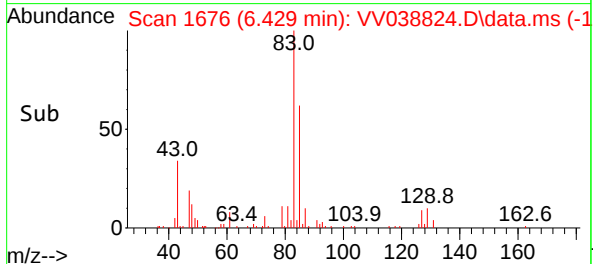
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 3802
Ion Ratio Lower Upper
83 100
85 61.2 50.7 76.1
127 9.2 6.2 9.2

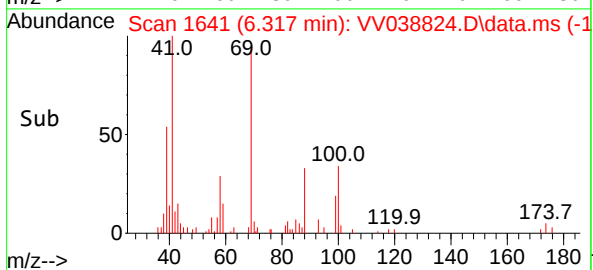
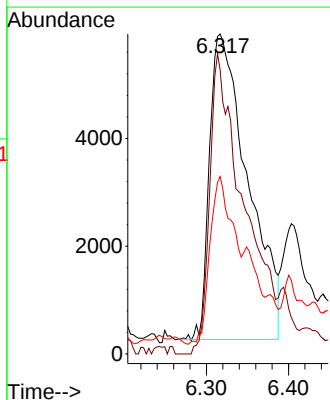
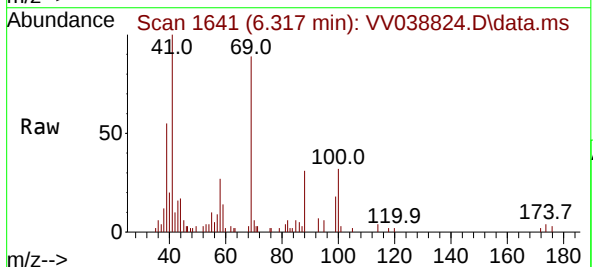
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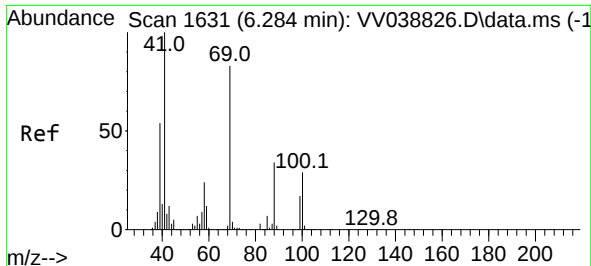
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#48
Methyl methacrylate
Concen: 3.598 ug/l
RT: 6.317 min Scan# 1641
Delta R.T. 0.022 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 41 Resp: 18469
Ion Ratio Lower Upper
41 100
69 86.9 70.4 105.6
39 34.5 42.3 63.5





#49

1,4-Dioxane

Concen: 58.981 ug/l

RT: 6.301 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

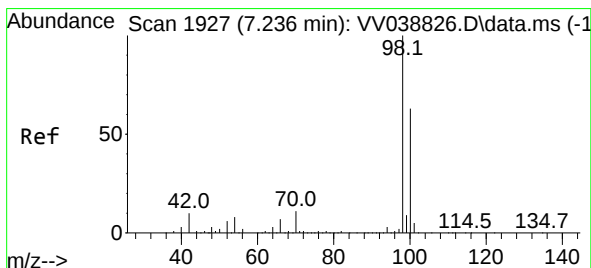
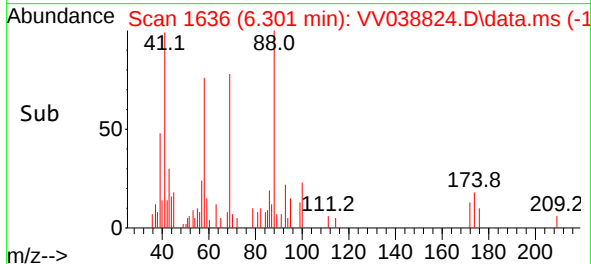
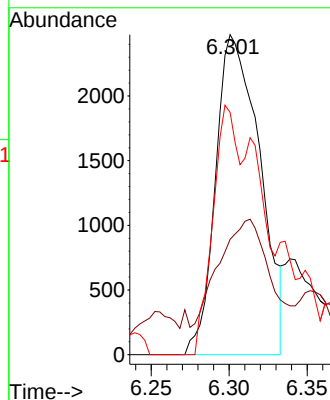
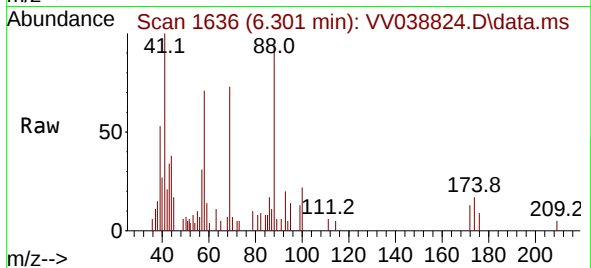
VSTDIC005

Tgt Ion: 88 Resp: 4874
 Ion Ratio Lower Upper
 88 100
 43 36.7 30.4 45.6
 58 45.4 59.6 89.4

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Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#50

Toluene-d8

Concen: 5.434 ug/l

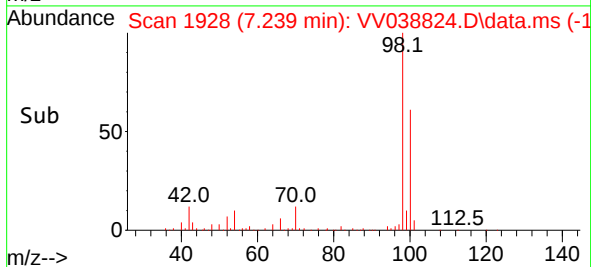
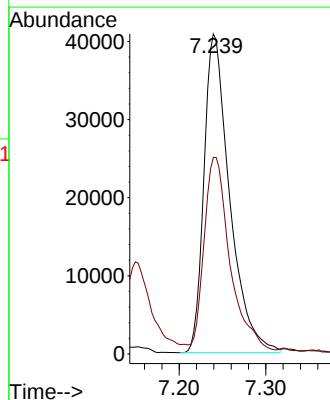
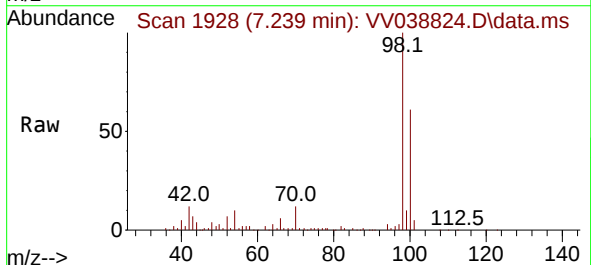
RT: 7.239 min Scan# 1928

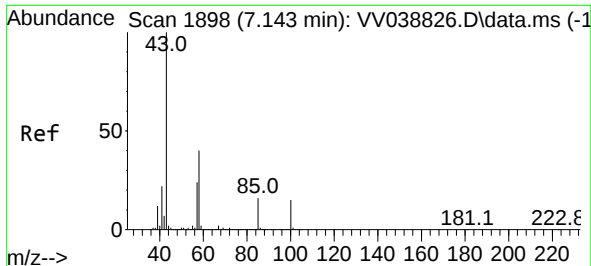
Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

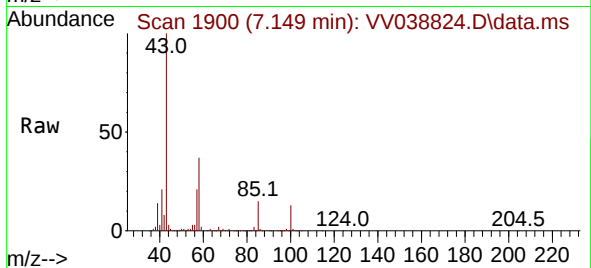
Tgt Ion: 98 Resp: 84126
 Ion Ratio Lower Upper
 98 100
 100 61.1 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 22.742 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

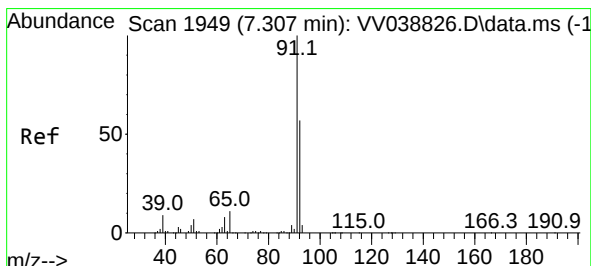
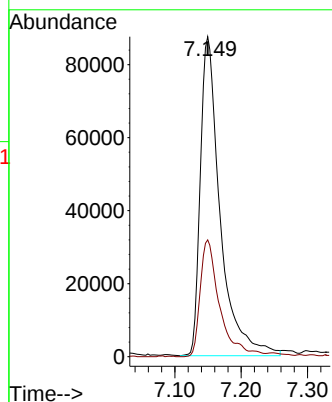
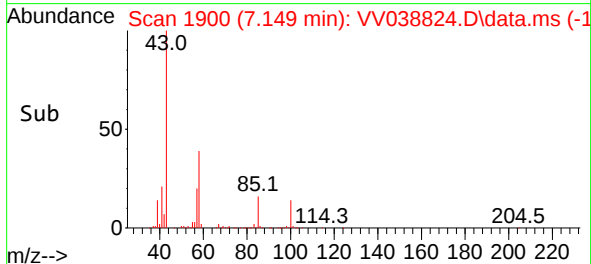
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 18135
Ion Ratio Lower Upper
43 100
58 35.1 31.4 47.2

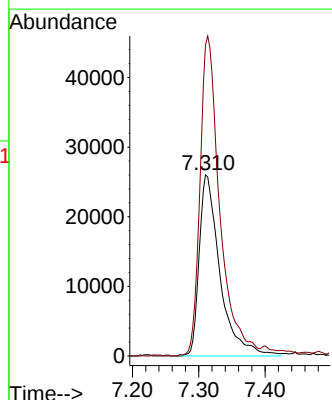
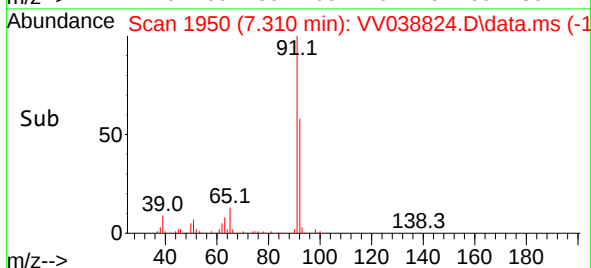
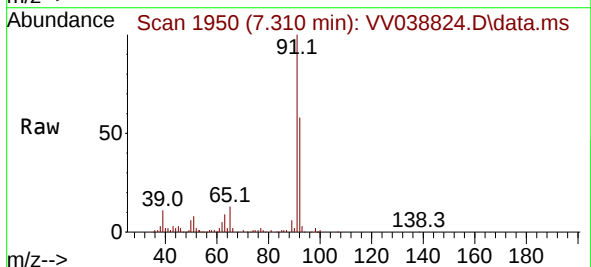
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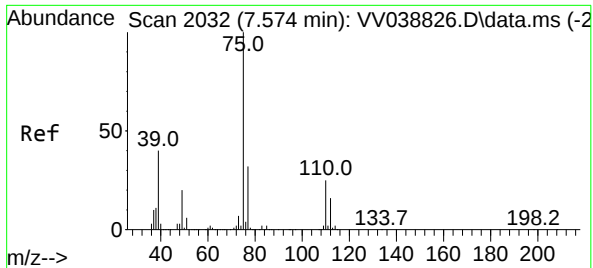
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#52
Toluene
Concen: 4.726 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 92 Resp: 56584
Ion Ratio Lower Upper
92 100
91 168.2 140.3 210.5





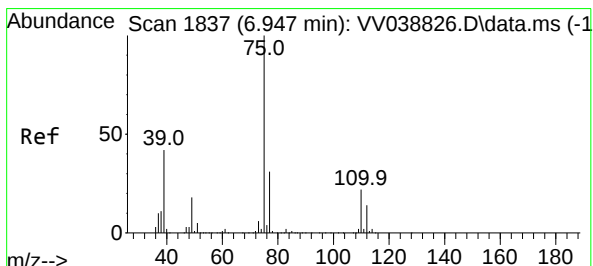
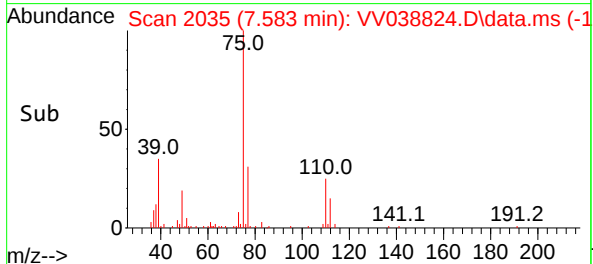
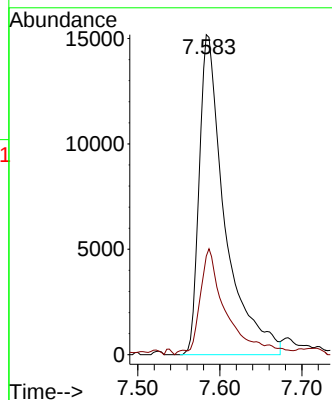
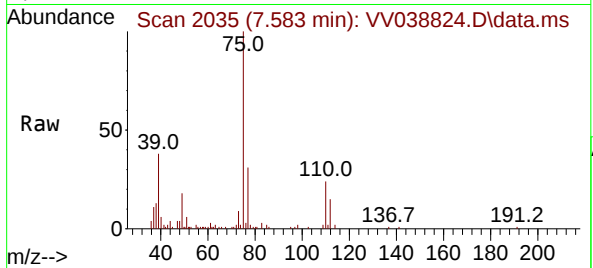
#53
 t-1,3-Dichloropropene
 Concen: 4.518 ug/l
 RT: 7.583 min Scan# 2035
 Delta R.T. 0.009 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 3295
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.2

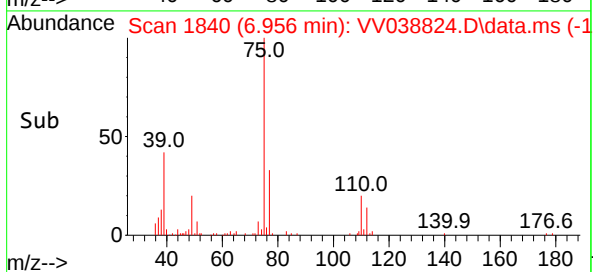
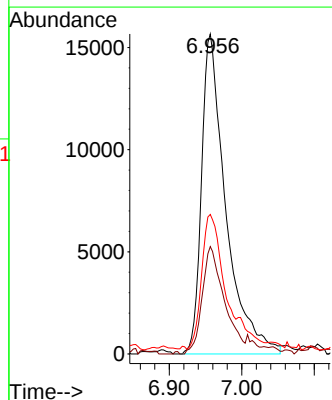
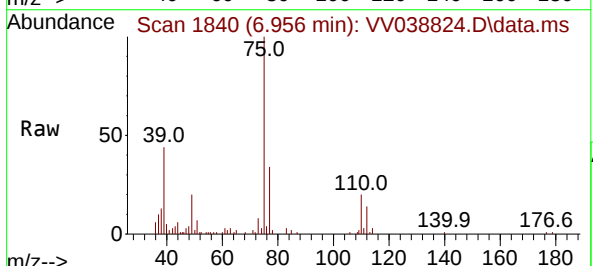
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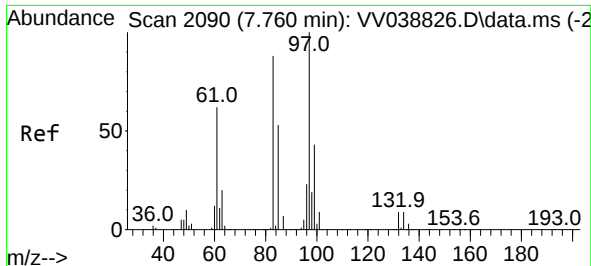
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#54
 cis-1,3-Dichloropropene
 Concen: 4.519 ug/l
 RT: 6.956 min Scan# 1840
 Delta R.T. 0.009 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

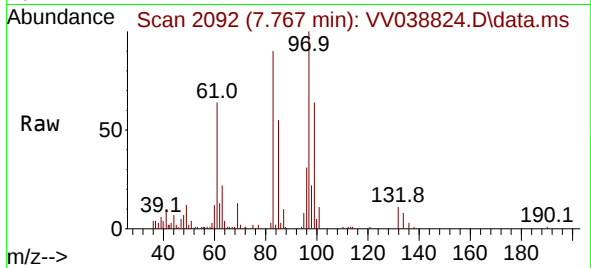
Tgt Ion: 75 Resp: 36452
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.1 37.7
 39 42.0 33.8 50.6





#55
 1,1,2-Trichloroethane
 Concen: 5.050 ug/l
 RT: 7.767 min Scan# 2090
 Delta R.T. 0.006 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

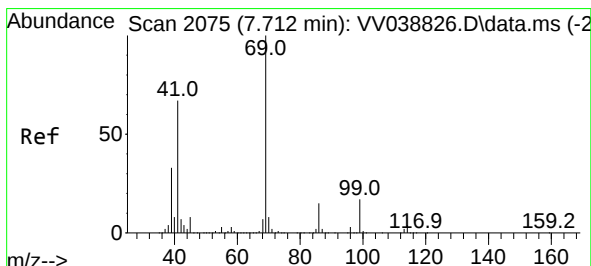
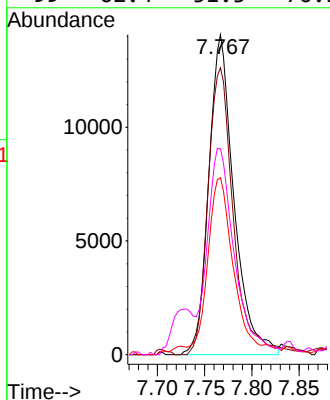
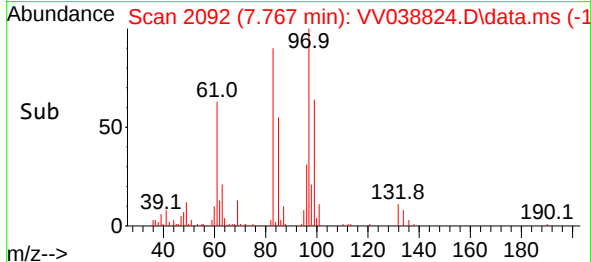
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005



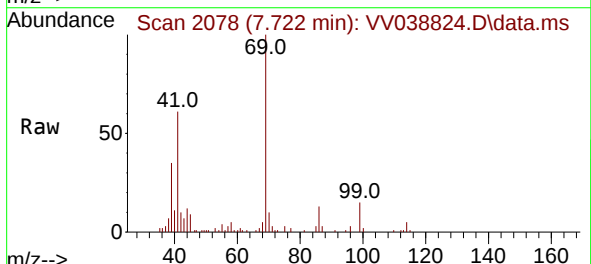
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.9	104.9
85	53.0	44.2	66.4
99	62.4	51.3	76.9

Manual Integrations
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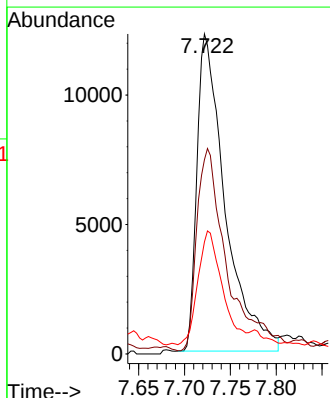
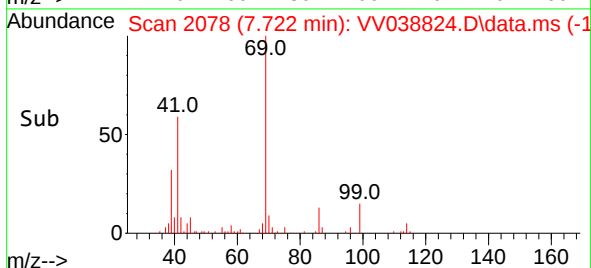
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

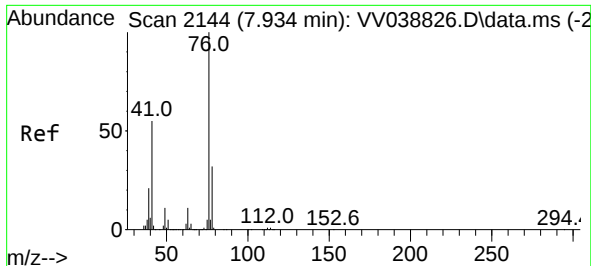


#56
 Ethyl methacrylate
 Concen: 3.720 ug/l
 RT: 7.722 min Scan# 2078
 Delta R.T. 0.010 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17



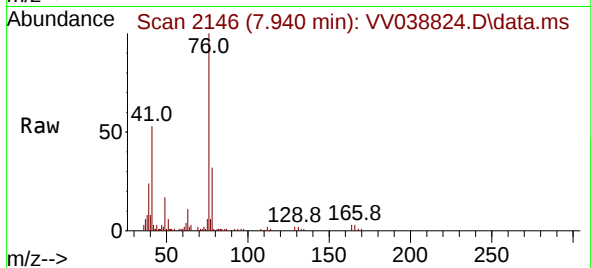
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	52.2	78.4
39	30.9	26.1	39.1





#57
1,3-Dichloropropane
Concen: 4.966 ug/l
RT: 7.940 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

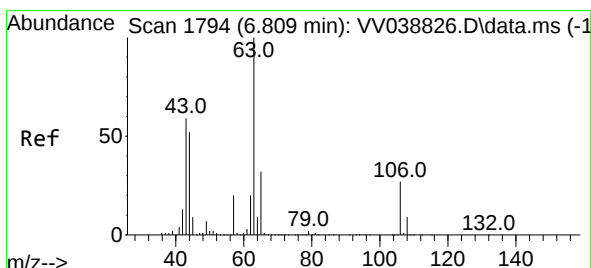
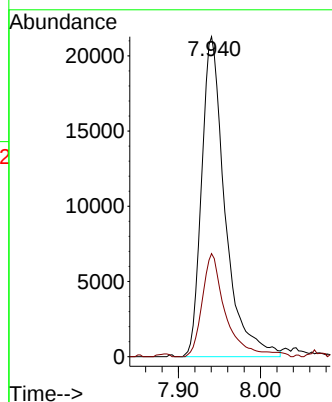
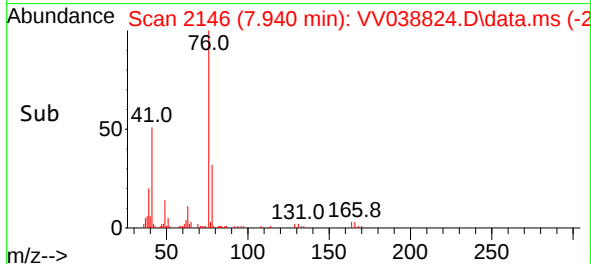
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 4221
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

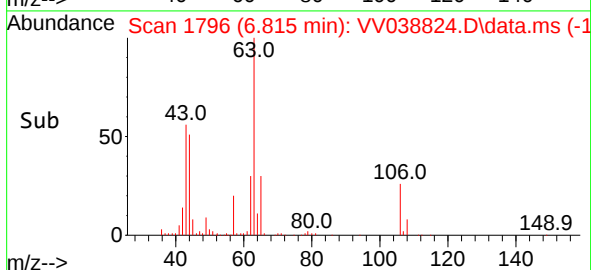
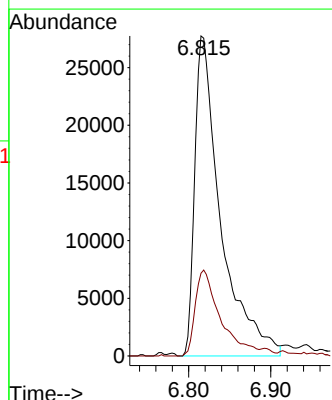
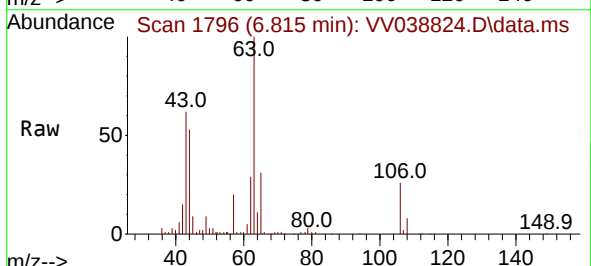
Manual Integrations
APPROVED

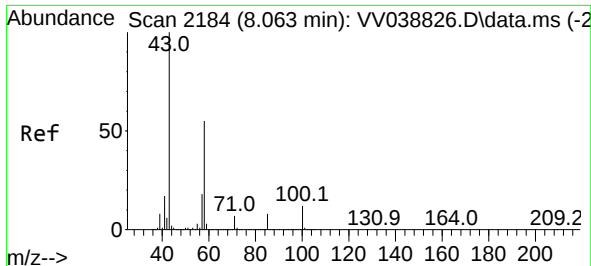
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 20.713 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 63 Resp: 60969
Ion Ratio Lower Upper
63 100
106 26.0 21.1 31.7





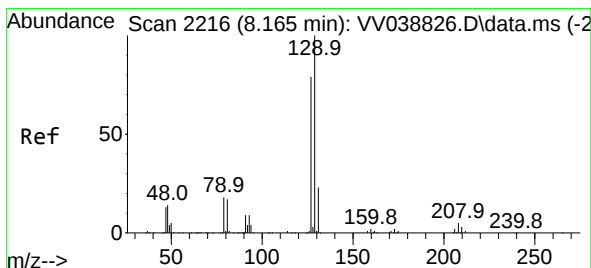
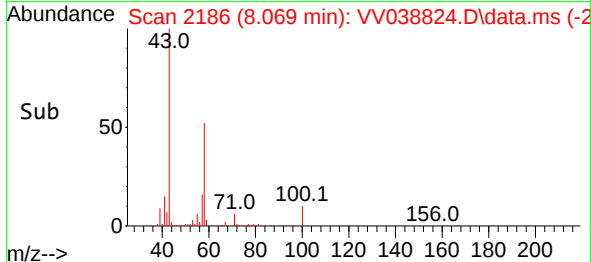
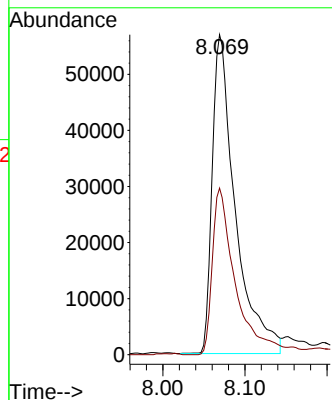
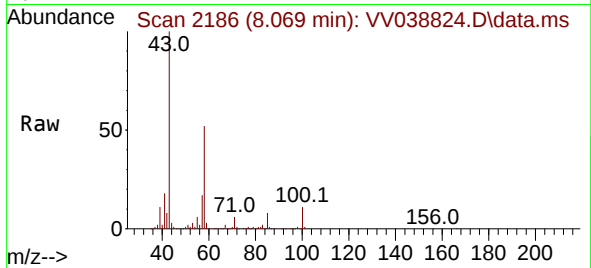
#59
2-Hexanone
Concen: 19.771 ug/l
RT: 8.069 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 111062
Ion Ratio Lower Upper
43 100
58 52.3 27.5 82.4

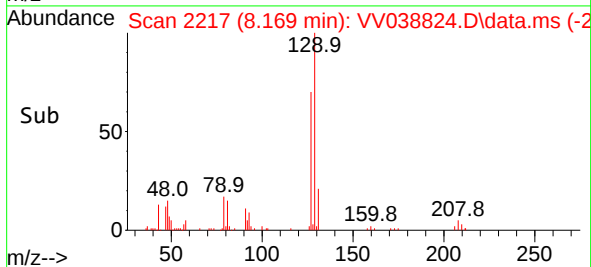
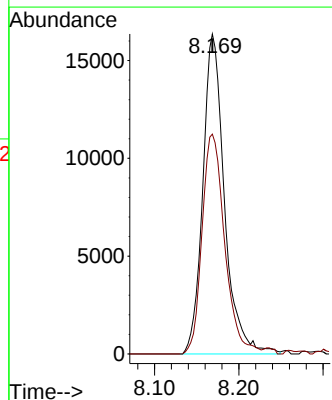
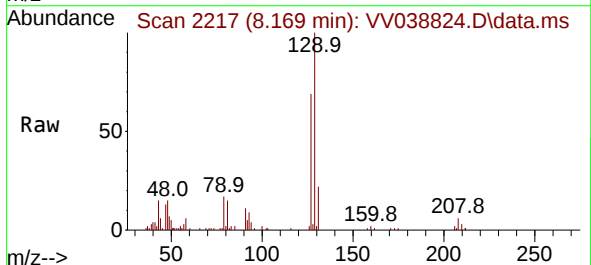
Manual Integrations
APPROVED

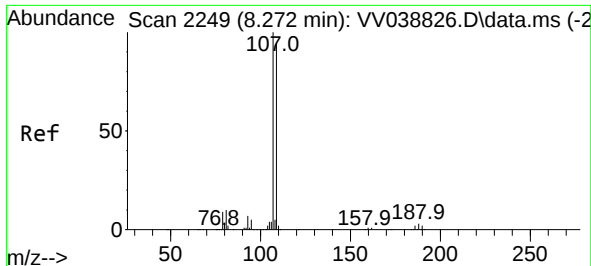
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#60
Dibromochloromethane
Concen: 4.882 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:129 Resp: 29243
Ion Ratio Lower Upper
129 100
127 72.0 39.4 118.1





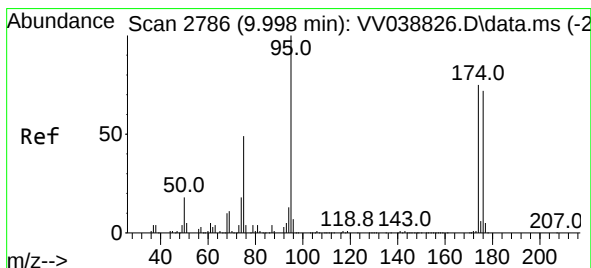
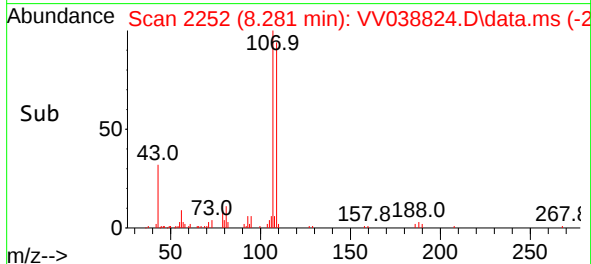
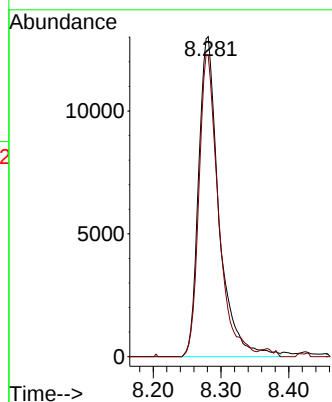
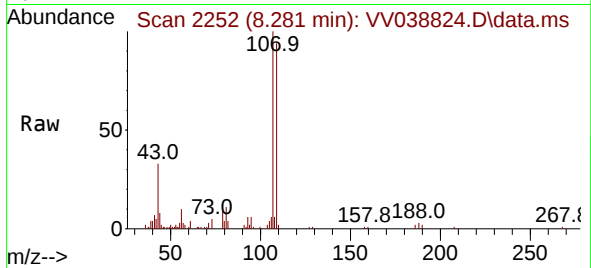
#61
1,2-Dibromoethane
Concen: 5.080 ug/l
RT: 8.281 min Scan# 210
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 107 Resp: 27080
Ion Ratio Lower Upper
107 100
109 91.0 75.4 113.0

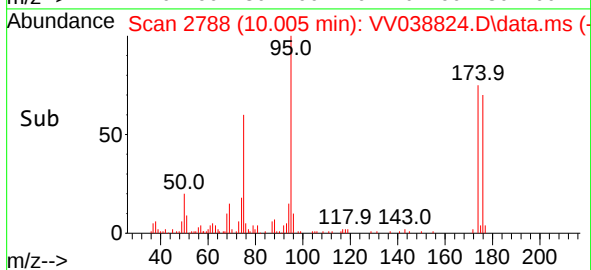
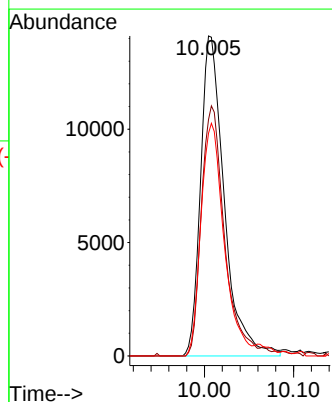
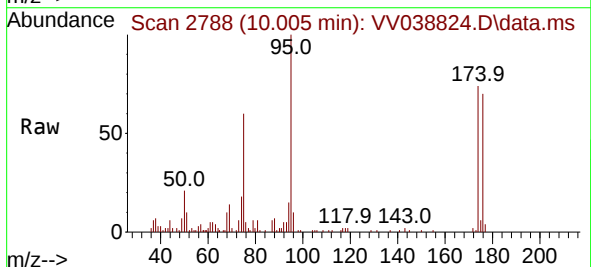
Manual Integrations
APPROVED

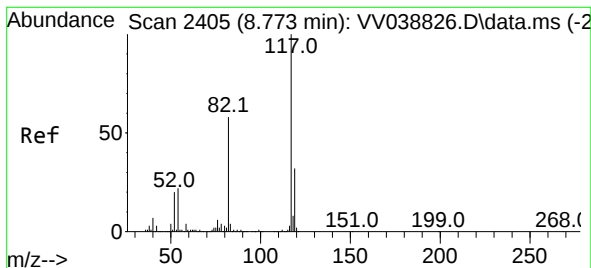
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#62
4-Bromofluorobenzene
Concen: 4.572 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 95 Resp: 26054
Ion Ratio Lower Upper
95 100
174 76.1 0.0 151.0
176 70.8 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

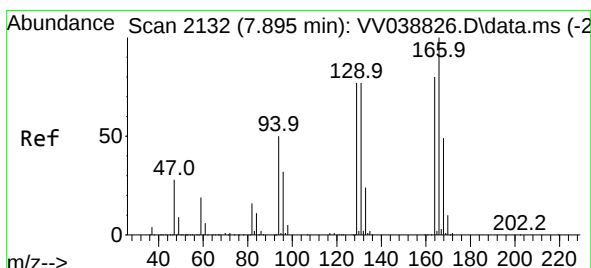
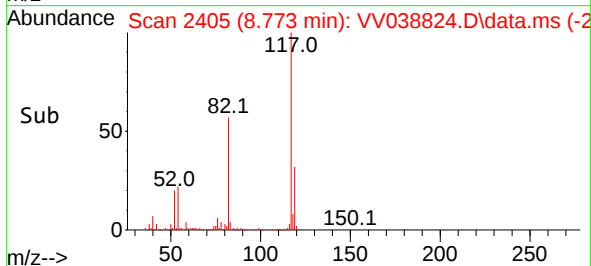
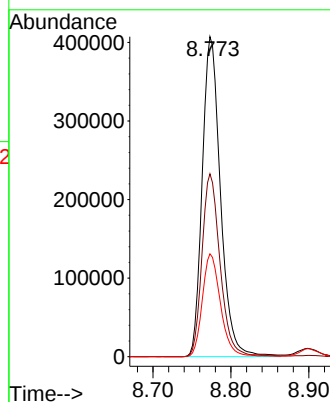
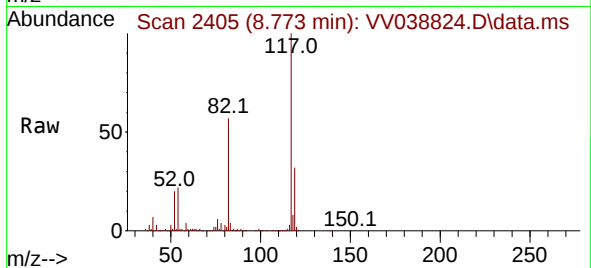
VSTDIC005

Tgt Ion:117	Resp: 665094
Ion Ratio	Lower Upper
117 100	
82 57.2	46.2 69.2
119 32.2	25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#64

Tetrachloroethene

Concen: 5.608 ug/l

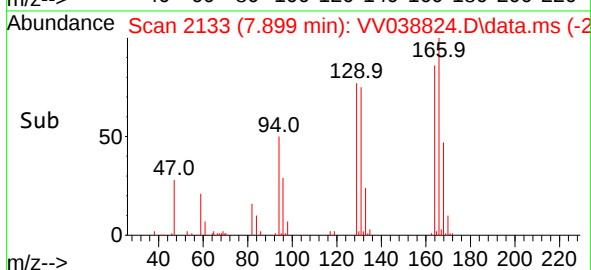
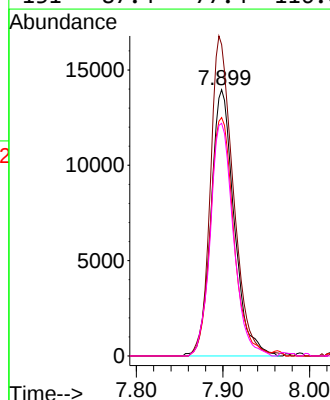
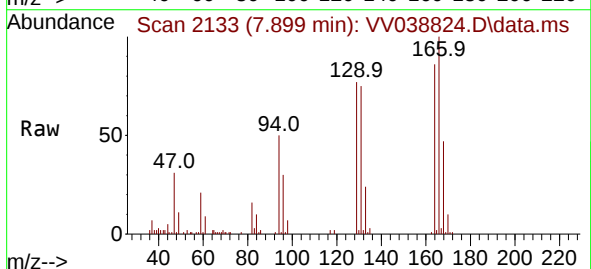
RT: 7.899 min Scan# 2133

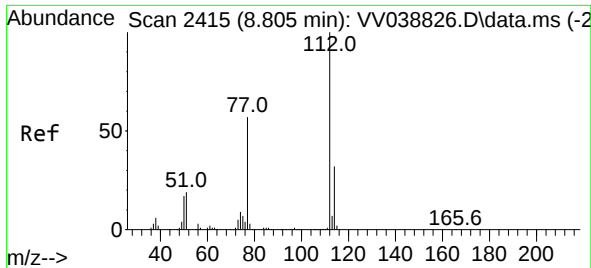
Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Tgt Ion:164	Resp: 26030
Ion Ratio	Lower Upper
164 100	
166 117.0	100.3 150.5
129 89.6	77.5 116.3
131 87.4	77.4 116.0





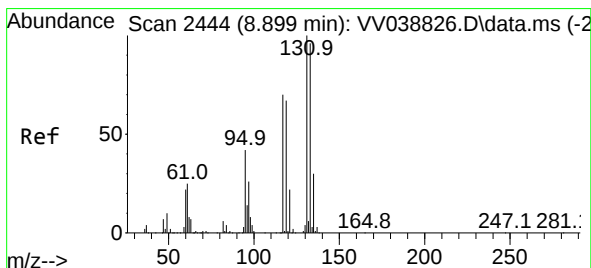
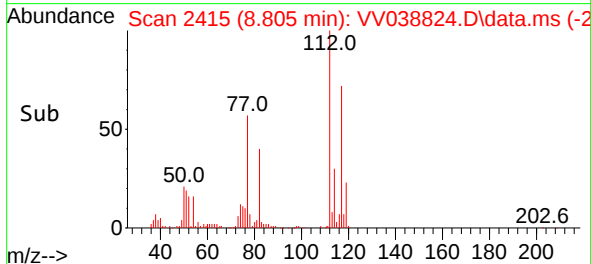
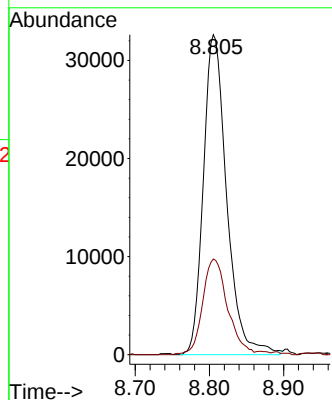
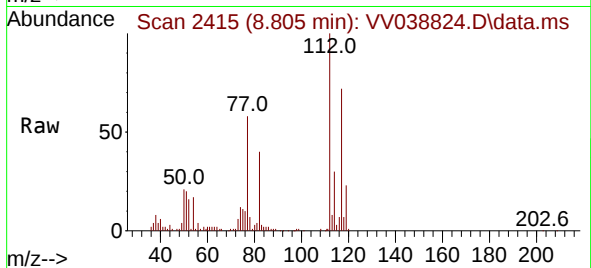
#65
Chlorobenzene
Concen: 4.893 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 7116
Ion Ratio Lower Upper
112 100
114 29.5 25.4 38.0

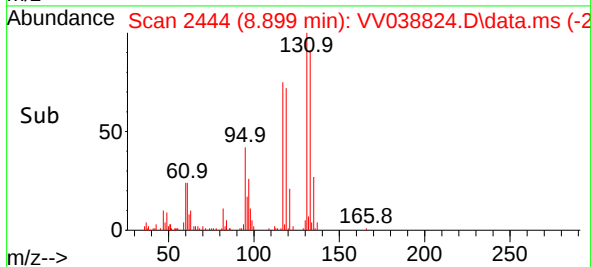
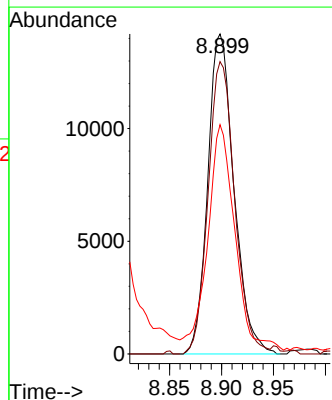
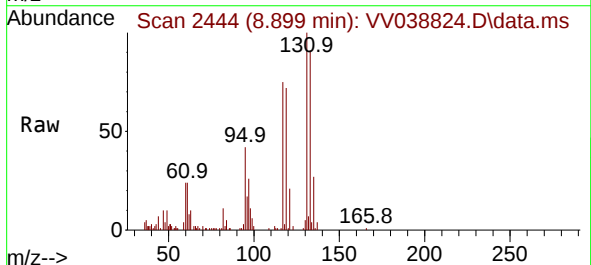
Manual Integrations
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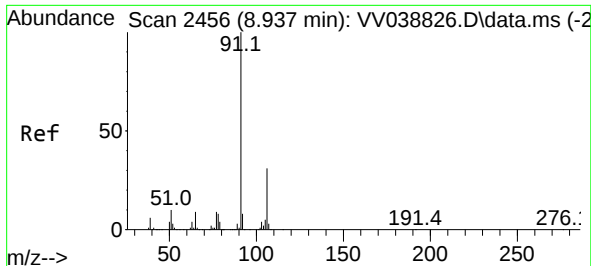
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.854 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:131 Resp: 24964
Ion Ratio Lower Upper
131 100
133 92.6 48.1 144.4
119 73.3 34.2 102.5





#67

Ethyl Benzene

Concen: 4.207 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 96290

Ion Ratio Lower Upper

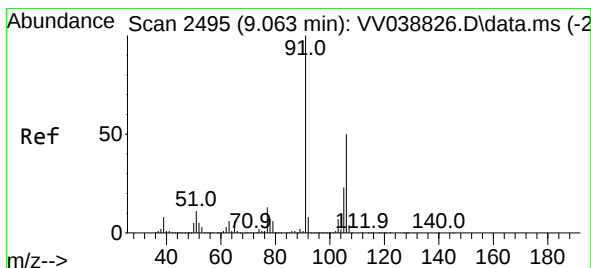
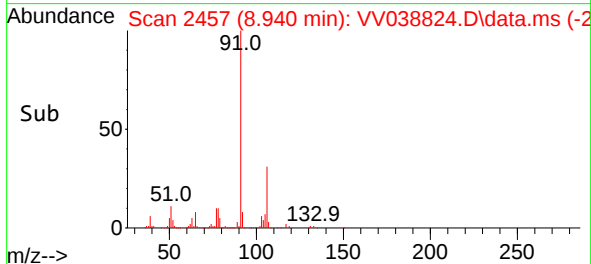
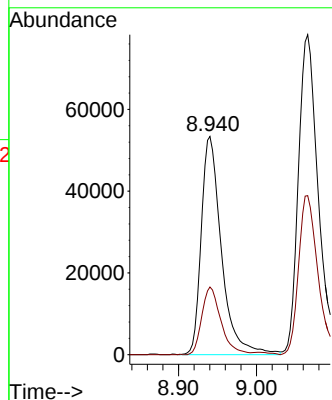
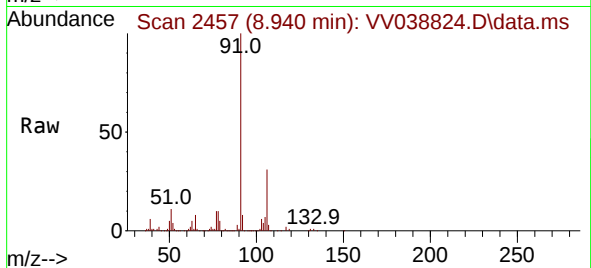
91 100

106 31.0 25.0 37.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#68

m/p-Xylenes

Concen: 8.190 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038824.D

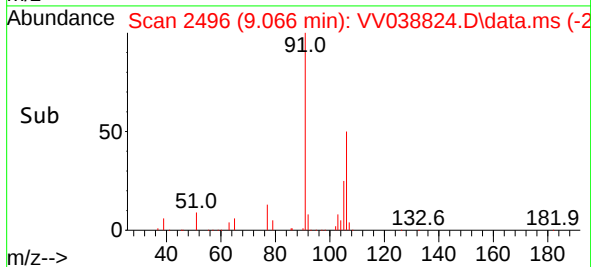
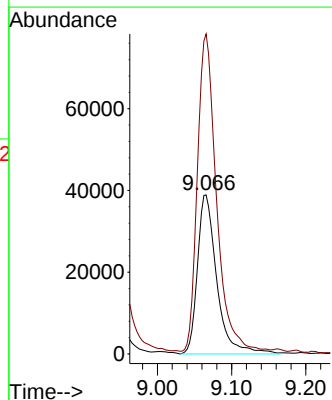
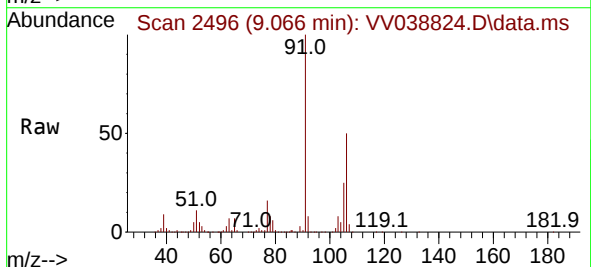
Acq: 27 Jun 2025 09:17

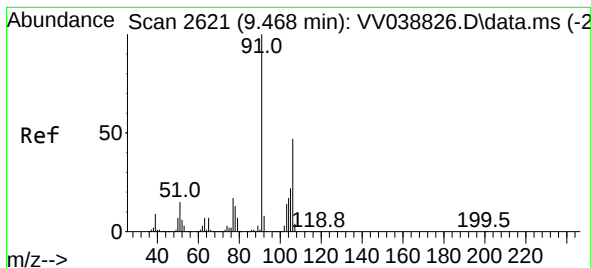
Tgt Ion:106 Resp: 70607

Ion Ratio Lower Upper

106 100

91 196.3 161.8 242.8





#69

o-Xylene

Concen: 4.072 ug/l

RT: 9.471 min Scan# 2622

Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 3283

Ion Ratio Lower Upper

106 100

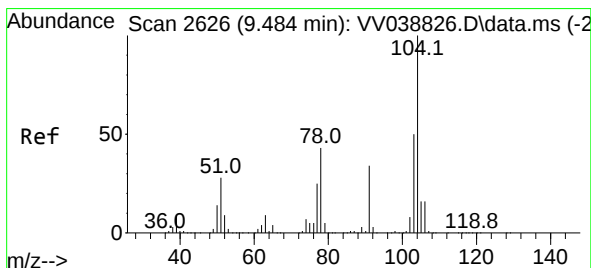
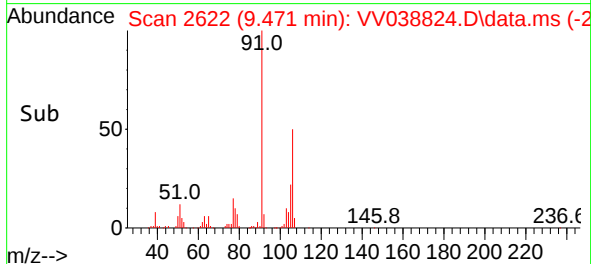
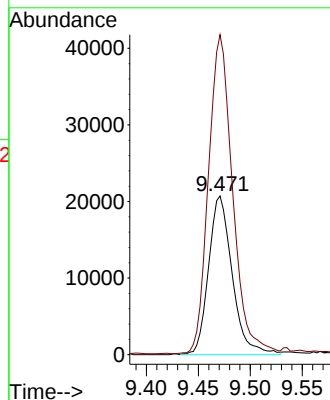
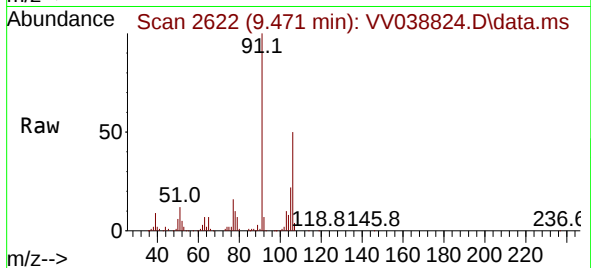
91 204.8 106.1 318.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#70

Styrene

Concen: 3.786 ug/l

RT: 9.493 min Scan# 2629

Delta R.T. 0.010 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

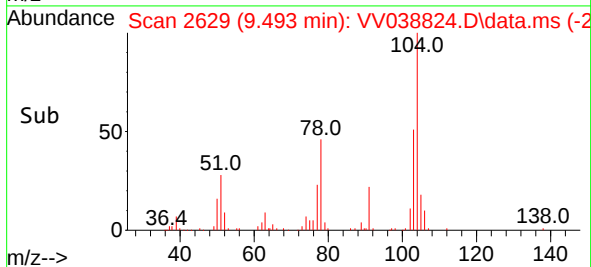
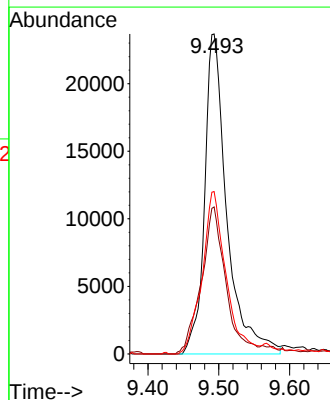
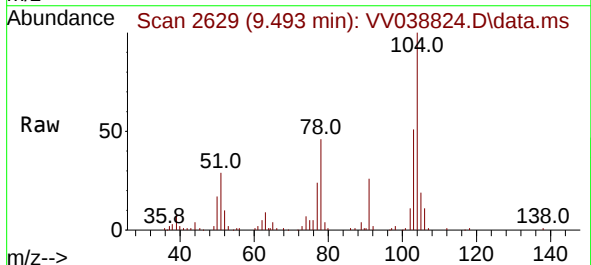
Tgt Ion:104 Resp: 51564

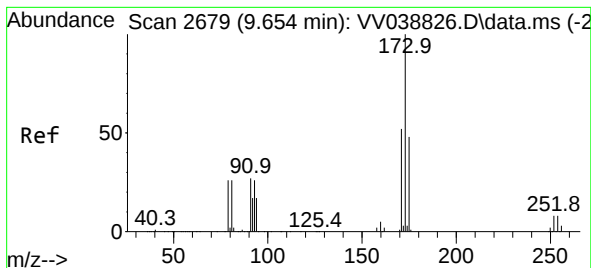
Ion Ratio Lower Upper

104 100

78 50.5 38.8 58.2

103 54.6 43.4 65.2





#71

Bromoform

Concen: 4.461 ug/l

RT: 9.657 min Scan# 2680

Delta R.T. 0.003 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

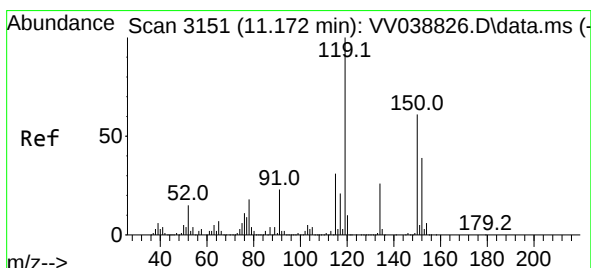
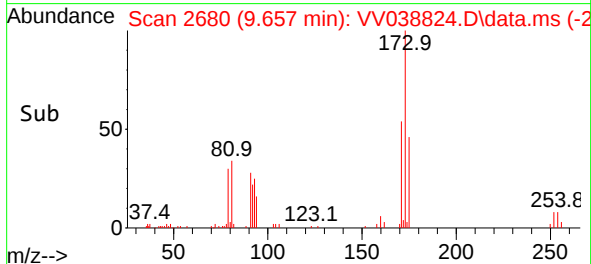
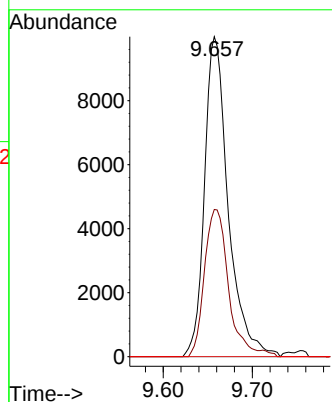
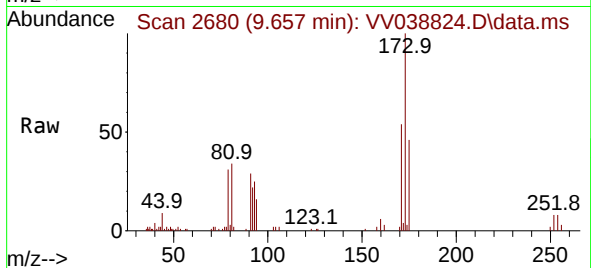
VSTDICC005

Tgt Ion:	173	Resp:	1848
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.1	72.2
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

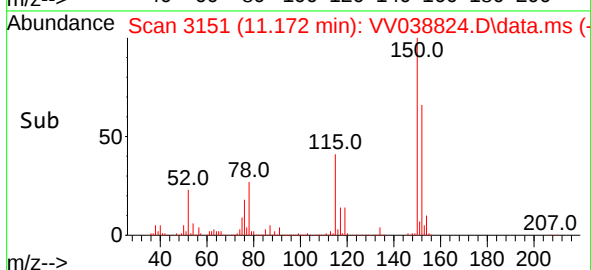
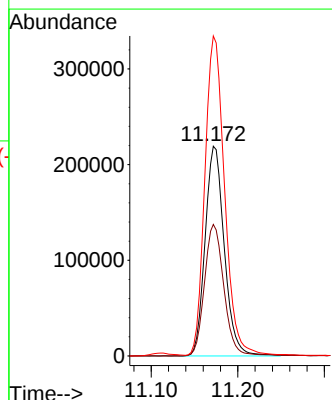
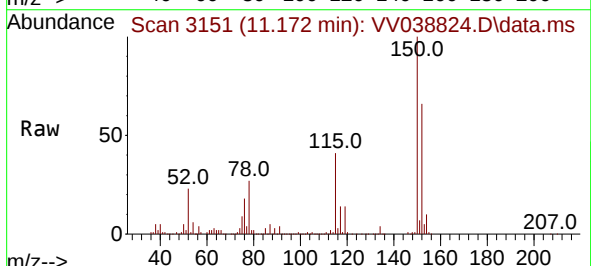
RT: 11.172 min Scan# 3151

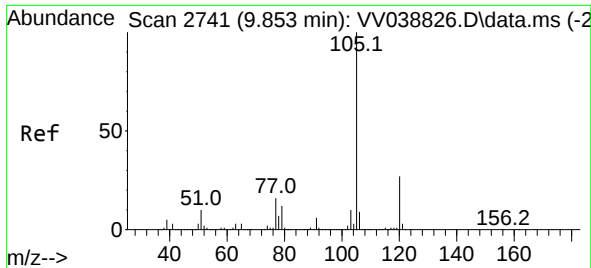
Delta R.T. -0.000 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Tgt Ion:	152	Resp:	337705
Ion Ratio	Lower	Upper	
152	100		
115	63.7	41.3	123.7
150	156.5	0.0	344.6





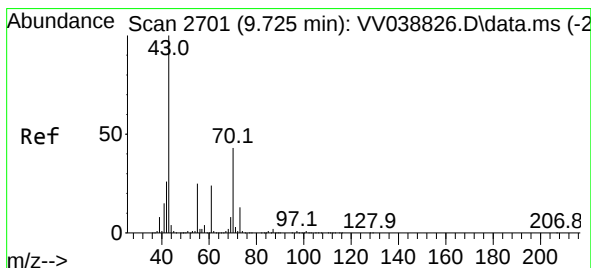
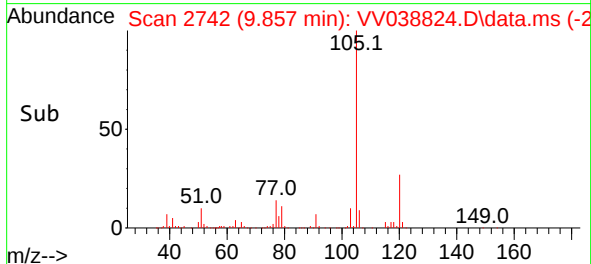
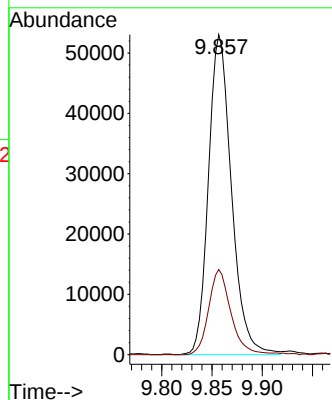
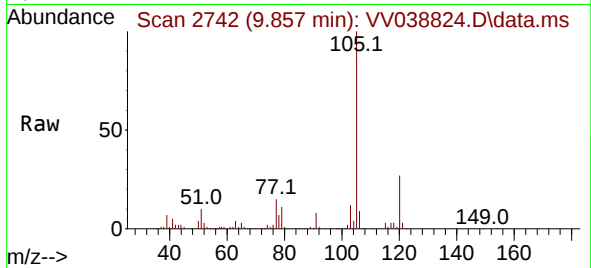
#73
Isopropylbenzene
Concen: 4.103 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 84484
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6

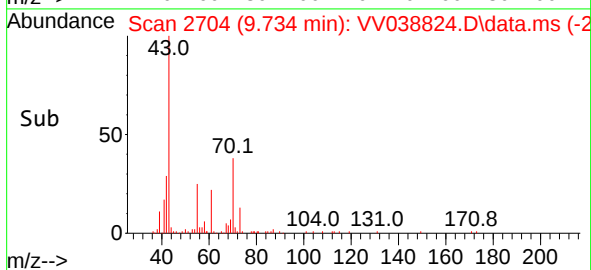
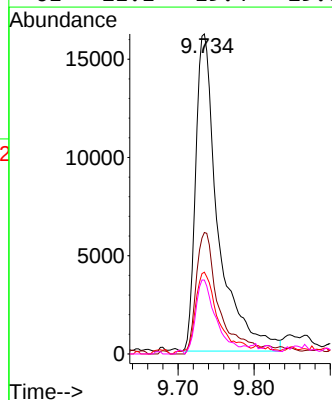
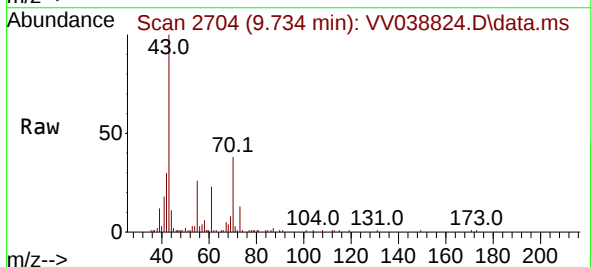
Manual Integrations
APPROVED

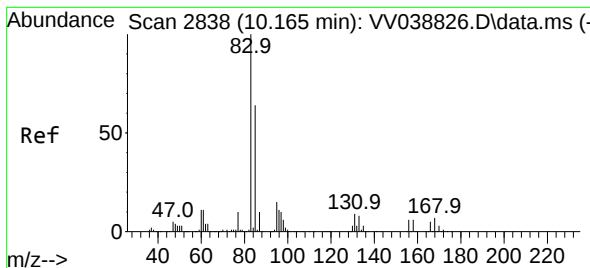
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#74
N-ethyl acetate
Concen: 3.718 ug/l
RT: 9.734 min Scan# 2704
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

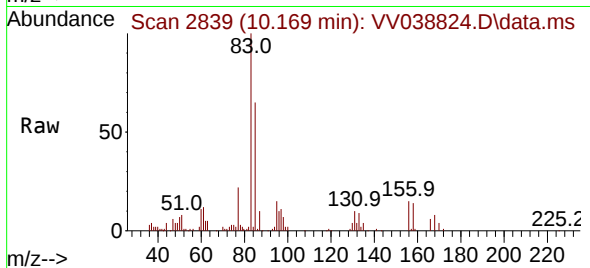
Tgt Ion: 43 Resp: 33377
Ion Ratio Lower Upper
43 100
70 38.3 34.4 51.6
55 26.3 20.0 30.0
61 21.1 19.4 29.0





#75
1,1,2,2-Tetrachloroethane
Concen: 4.827 ug/l
RT: 10.169 min Scan# 2838
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

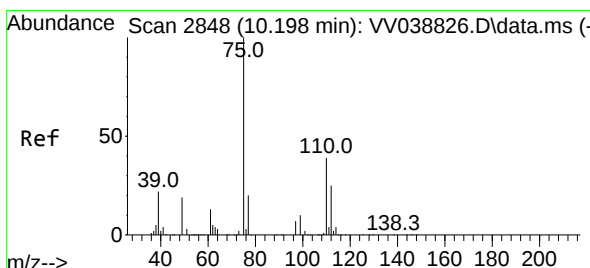
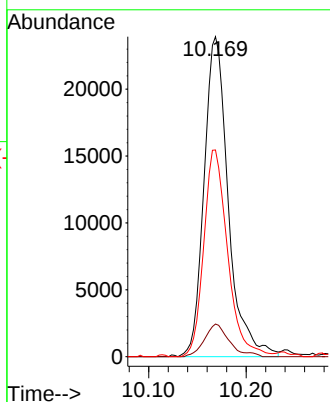
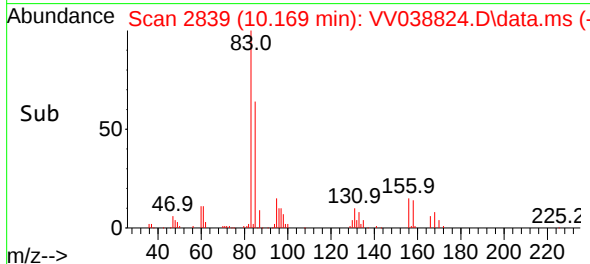
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 41380
Ion Ratio Lower Upper
83 100
131 10.4 4.5 13.4
85 63.6 32.0 96.2

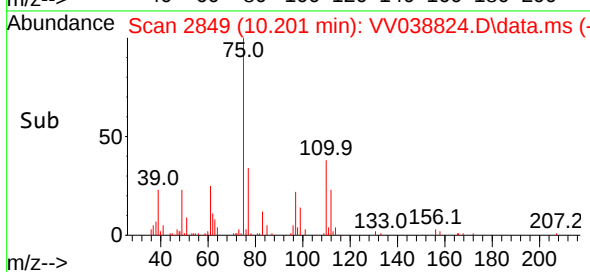
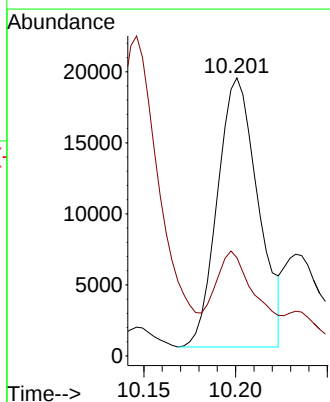
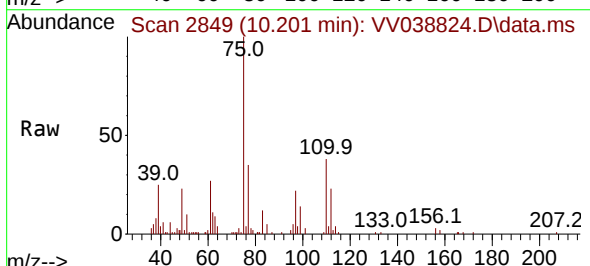
Manual Integrations
APPROVED

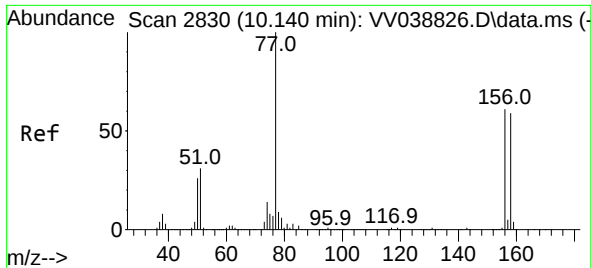
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#76
1,2,3-Trichloropropane
Concen: 4.508 ug/l
RT: 10.201 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

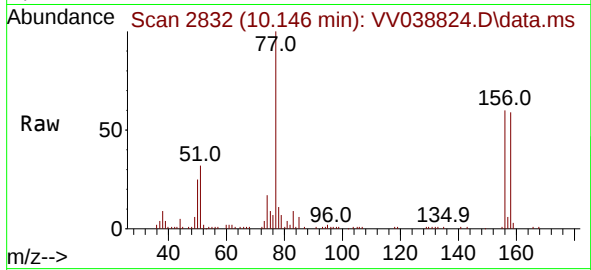
Tgt Ion: 75 Resp: 29266
Ion Ratio Lower Upper
75 100
77 22.6 17.3 52.0





#77
Bromobenzene
Concen: 4.669 ug/l
RT: 10.146 min Scan# 2830
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

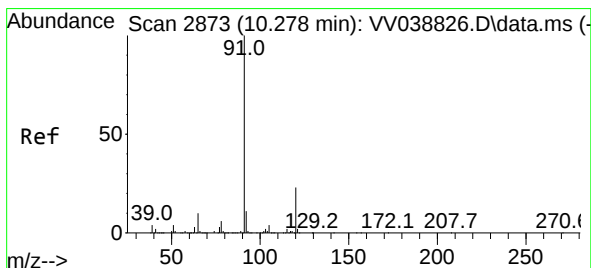
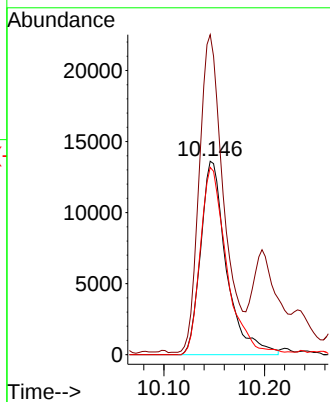
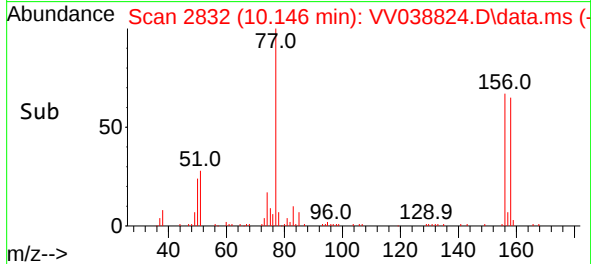
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



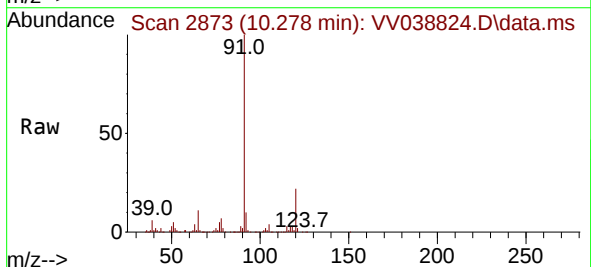
Tgt Ion:156 Resp: 24230
Ion Ratio Lower Upper
156 100
77 155.0 81.5 244.6
158 100.0 48.0 144.0

Manual Integrations
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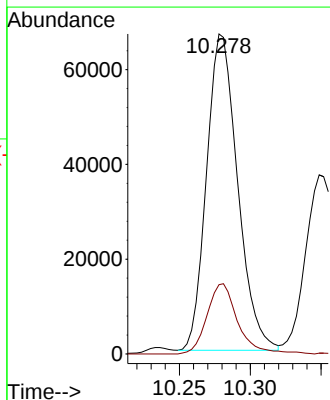
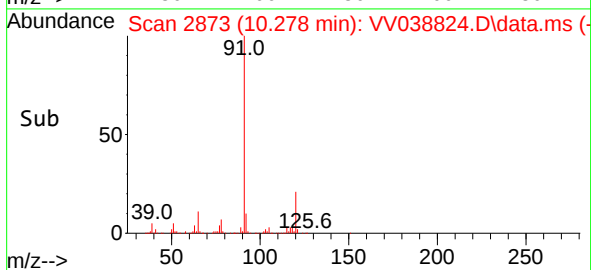
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

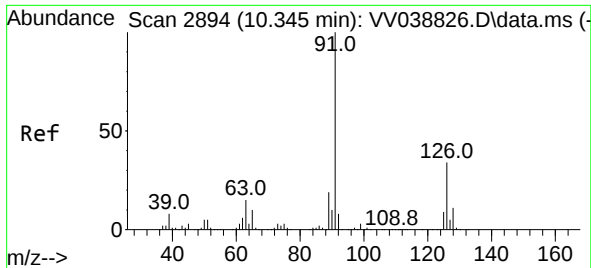


#78
n-propylbenzene
Concen: 4.095 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17



Tgt Ion: 91 Resp: 101976
Ion Ratio Lower Upper
91 100
120 22.0 11.4 34.2





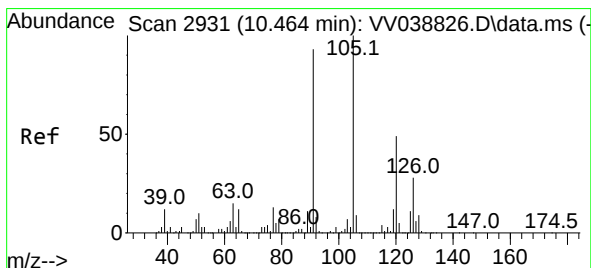
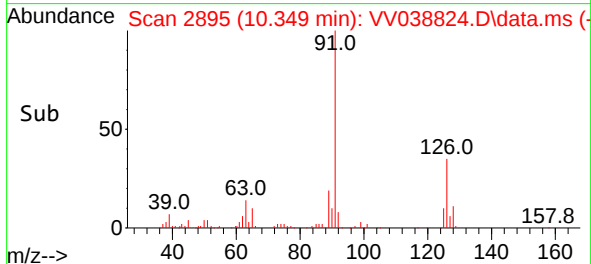
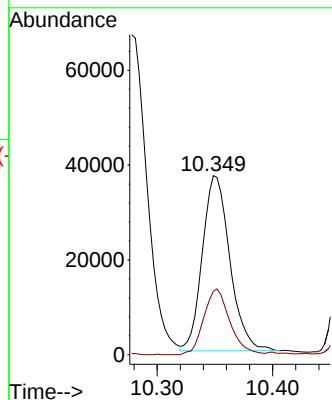
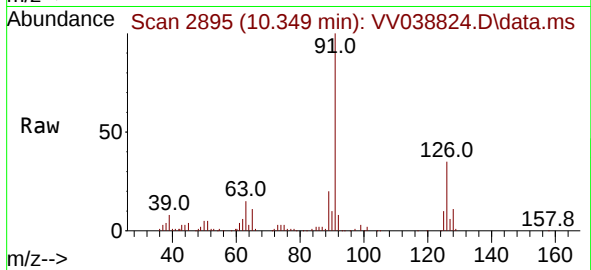
#79
2-Chlorotoluene
Concen: 4.128 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 61152
Ion Ratio Lower Upper
91 100
126 35.5 17.1 51.2

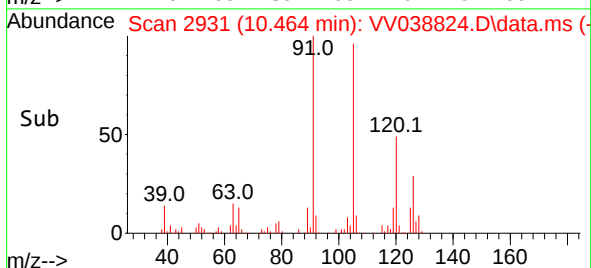
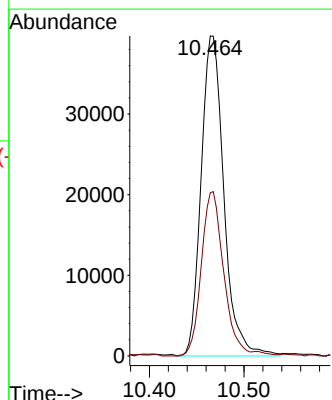
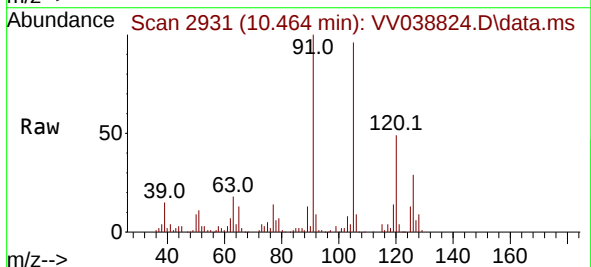
Manual Integrations
APPROVED

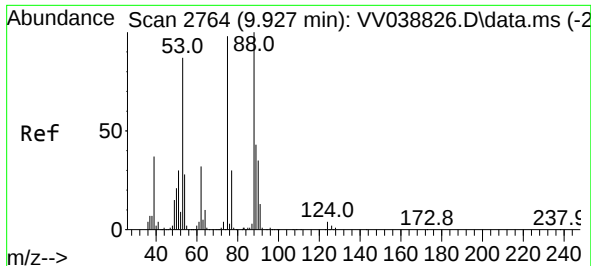
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.878 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

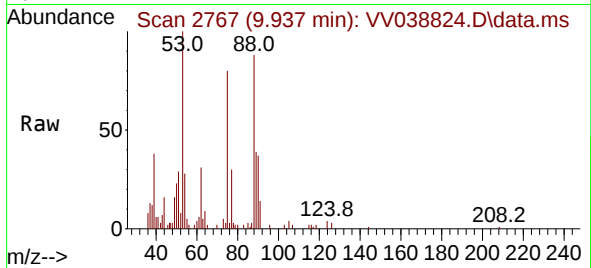
Tgt Ion:105 Resp: 66343
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.821 ug/l
RT: 9.937 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

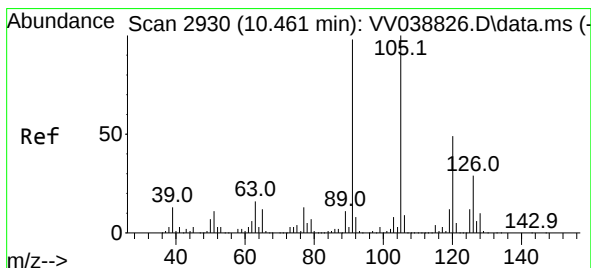
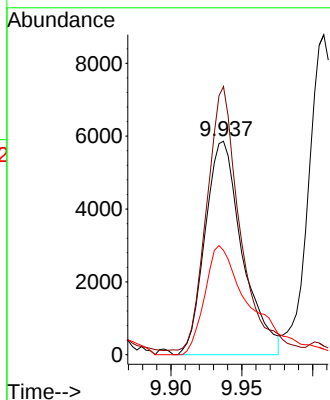
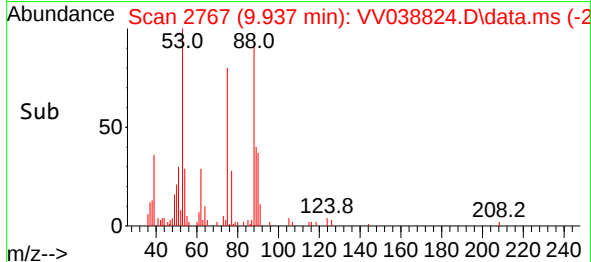
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 10710
Ion Ratio Lower Upper
75 100
53 109.3 72.6 109.0
89 63.6 37.0 55.6

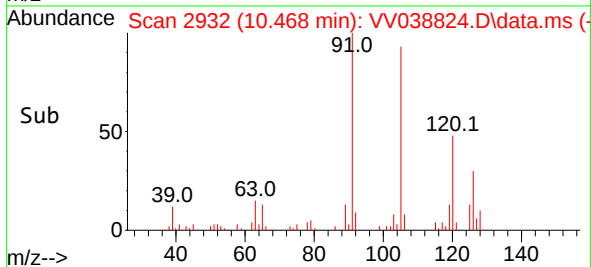
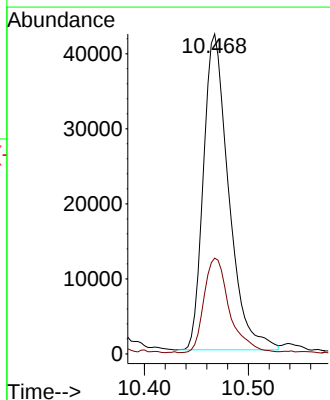
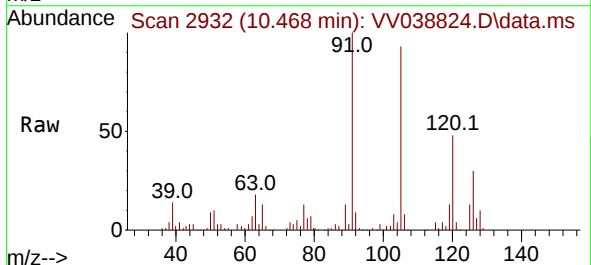
Manual Integrations
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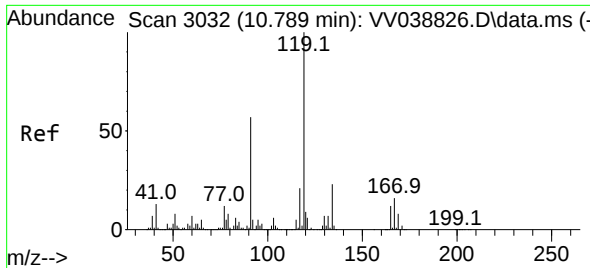
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#82
4-Chlorotoluene
Concen: 4.161 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 91 Resp: 71079
Ion Ratio Lower Upper
91 100
126 30.0 15.1 45.3





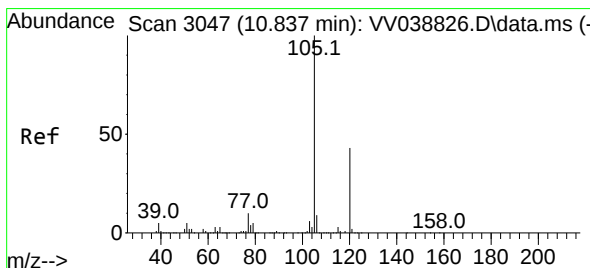
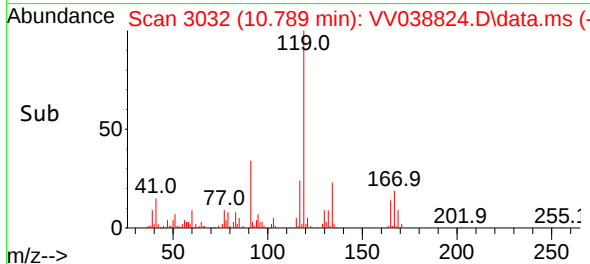
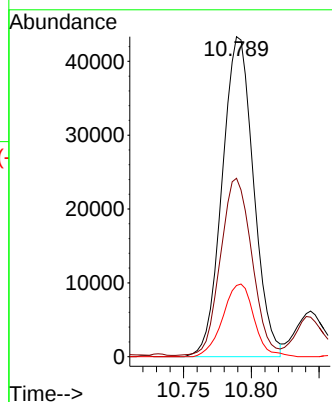
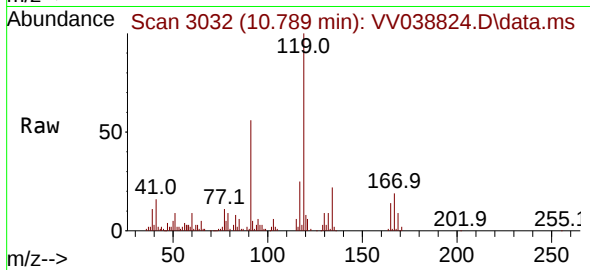
#83
tert-Butylbenzene
Concen: 4.083 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument : MSVOA_V
ClientSampleId : VSTDIC005

Tgt Ion:119 Resp: 6966
Ion Ratio Lower Upper
119 100
91 55.4 28.2 84.6
134 22.6 11.5 34.5

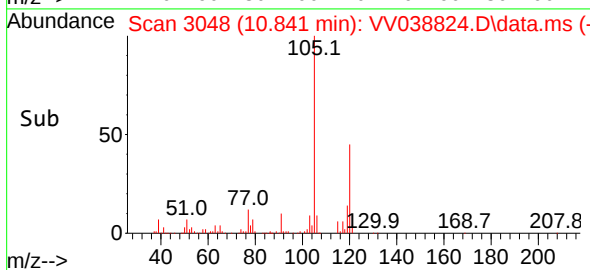
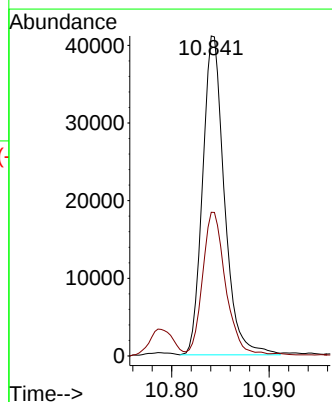
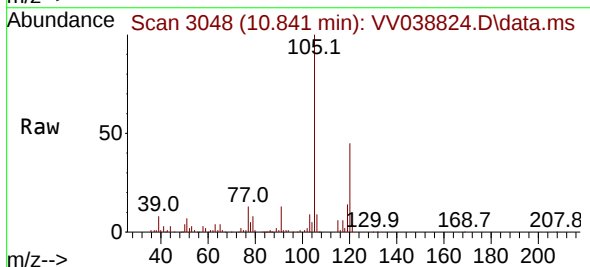
Manual Integrations
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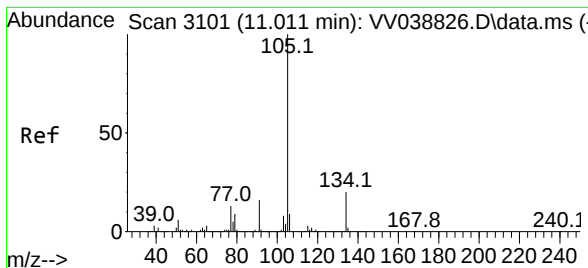
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 3.846 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

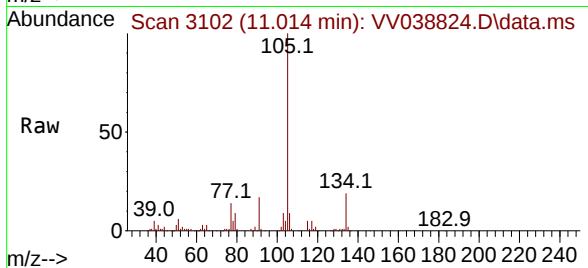
Tgt Ion:105 Resp: 63813
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 4.061 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17

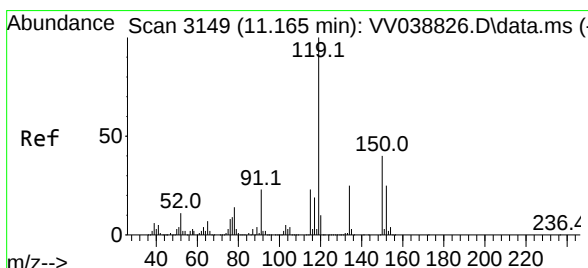
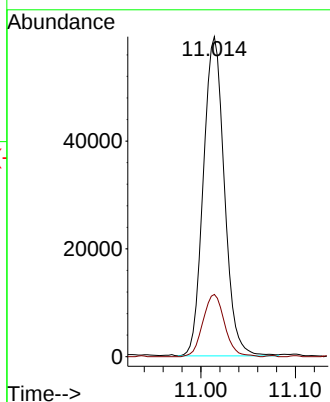
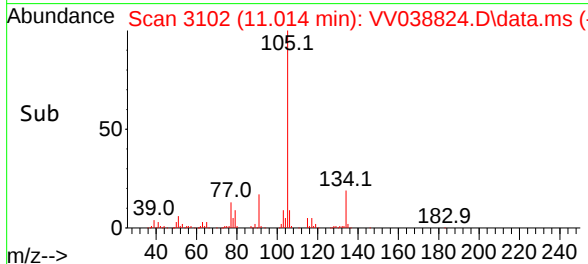
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005



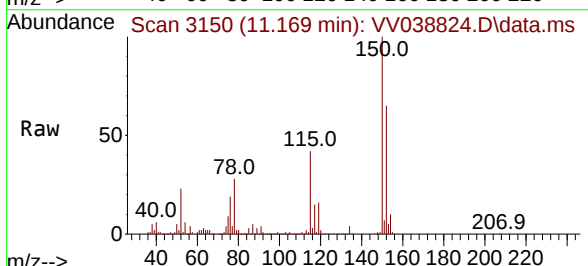
Tgt Ion:105 Resp: 9137
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
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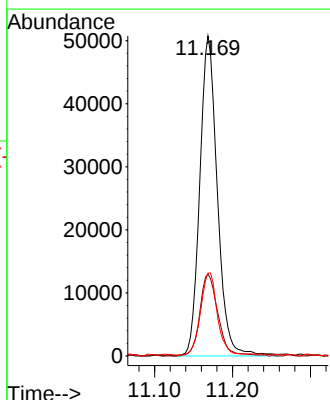
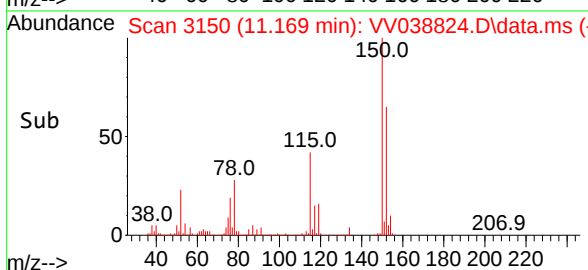
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

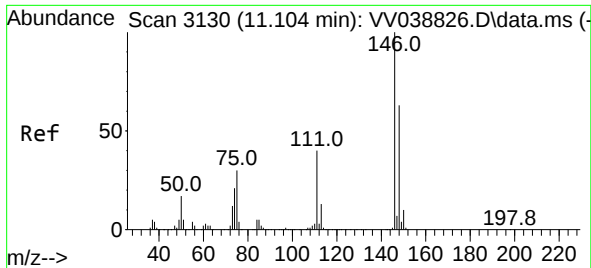


#86
 p-Isopropyltoluene
 Concen: 4.130 ug/l
 RT: 11.169 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VV038824.D
 Acq: 27 Jun 2025 09:17



Tgt Ion:119 Resp: 79411
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.5 11.8 35.3





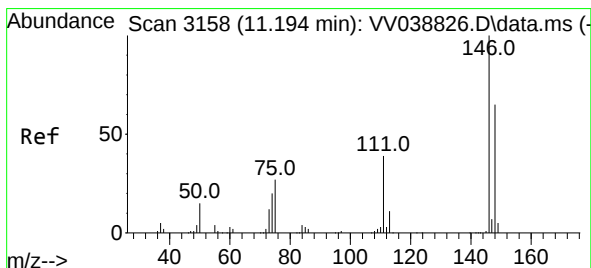
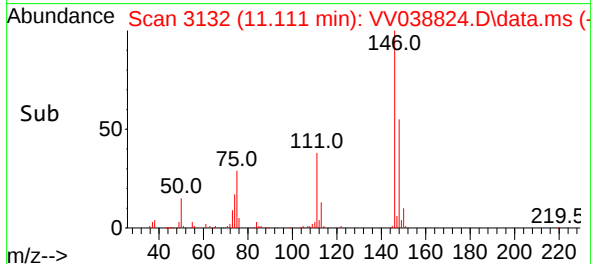
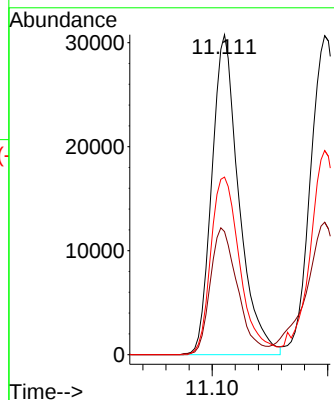
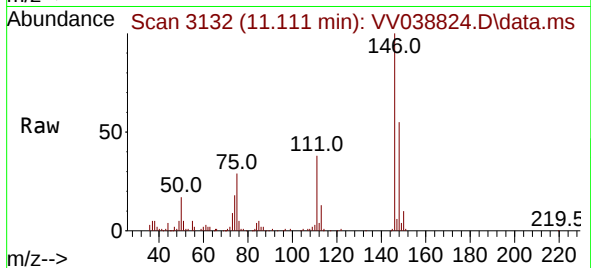
#87
1,3-Dichlorobenzene
Concen: 4.738 ug/l
RT: 11.111 min Scan# 3131
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 5006
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 59.8 31.8 95.4

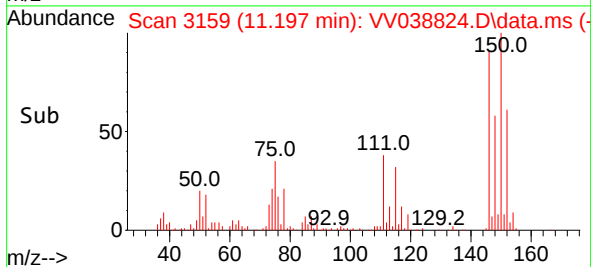
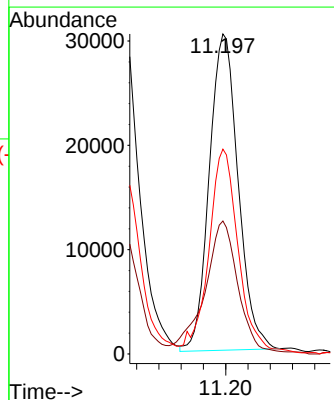
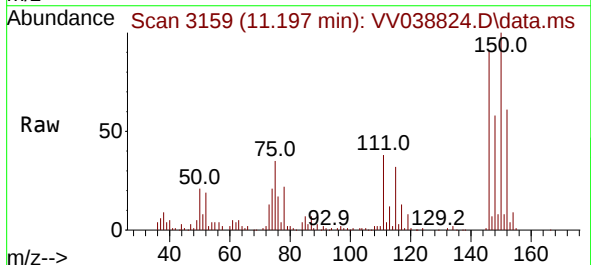
Manual Integrations
APPROVED

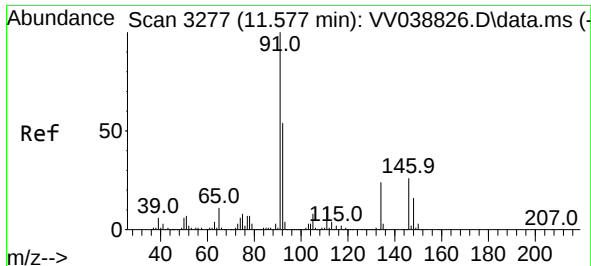
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#88
1,4-Dichlorobenzene
Concen: 4.773 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

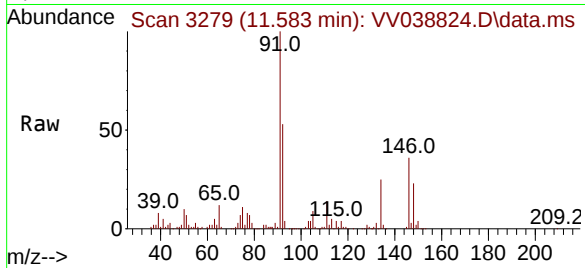
Tgt Ion:146 Resp: 54629
Ion Ratio Lower Upper
146 100
111 49.4 20.5 61.5
148 66.5 32.3 96.9





#89
n-Butylbenzene
Concen: 3.884 ug/l
RT: 11.583 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

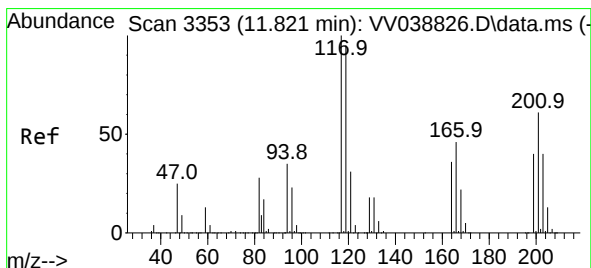
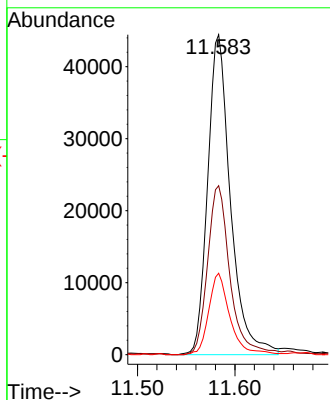
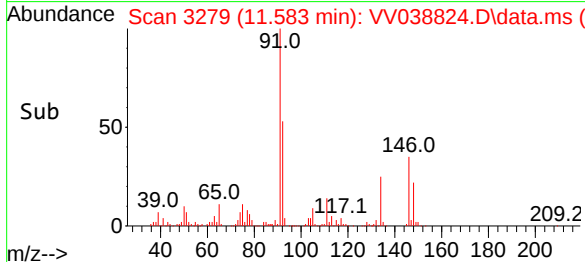
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 7231
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.7
134 23.7 12.3 36.8

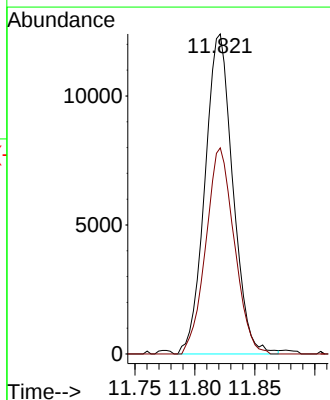
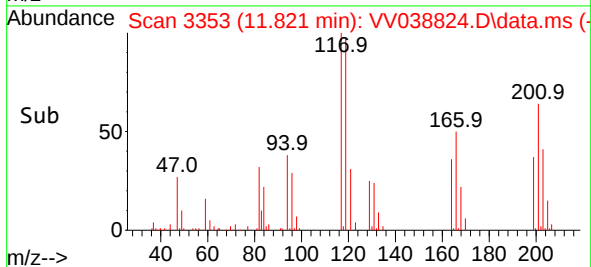
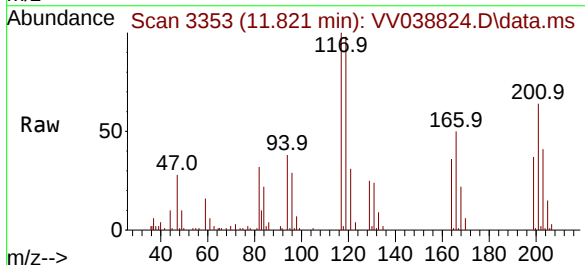
Manual Integrations
APPROVED

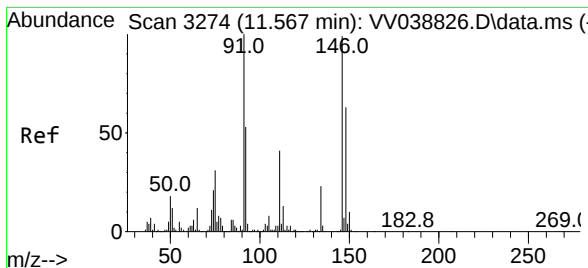
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#90
Hexachloroethane
Concen: 4.739 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion:117 Resp: 20061
Ion Ratio Lower Upper
117 100
201 65.7 31.4 94.0





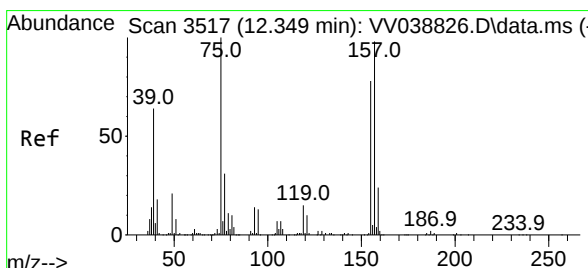
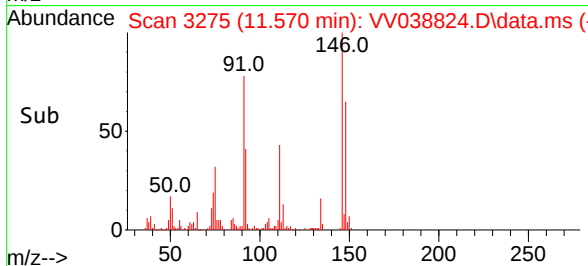
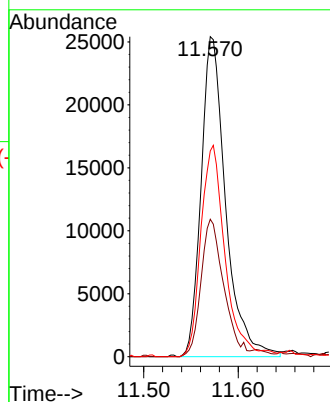
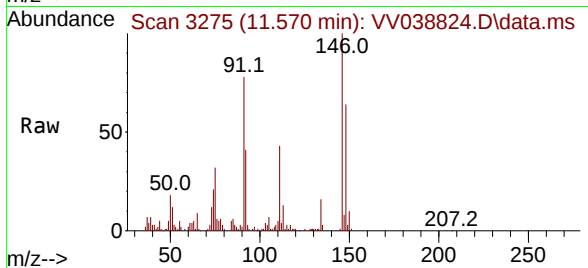
#91
1,2-Dichlorobenzene
Concen: 4.478 ug/l
RT: 11.570 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 45869
Ion Ratio Lower Upper
146 100
111 39.8 21.0 63.0
148 64.3 31.6 94.8

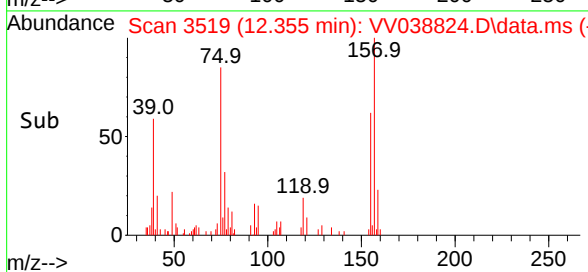
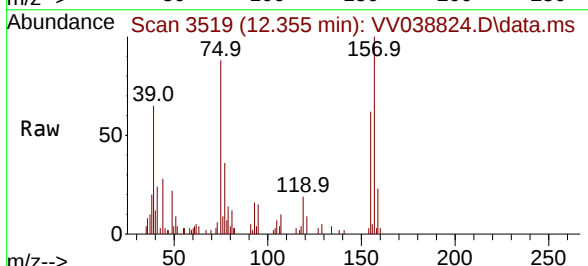
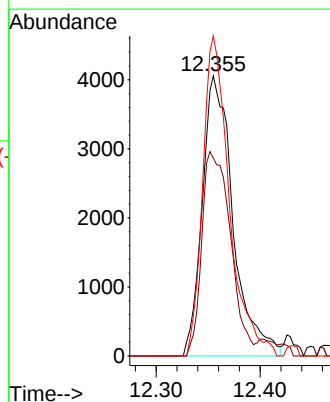
Manual Integrations
APPROVED

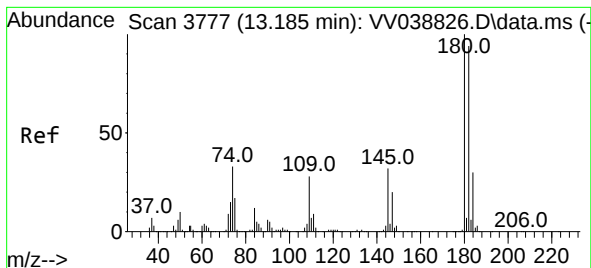
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.600 ug/l
RT: 12.355 min Scan# 3519
Delta R.T. 0.006 min
Lab File: VV038824.D
Acq: 27 Jun 2025 09:17

Tgt Ion: 75 Resp: 8360
Ion Ratio Lower Upper
75 100
155 67.6 39.0 116.9
157 98.3 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 3.827 ug/l

RT: 13.191 min Scan# 3777

Delta R.T. 0.006 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

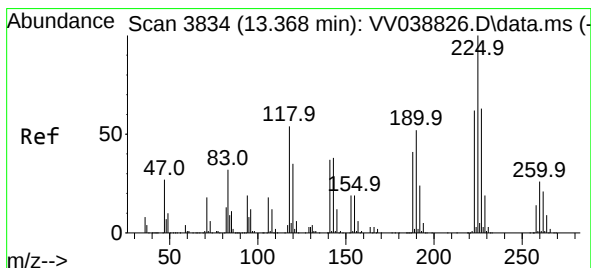
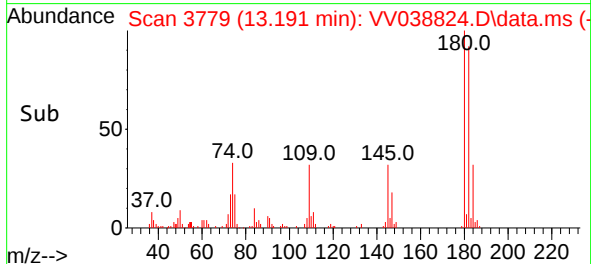
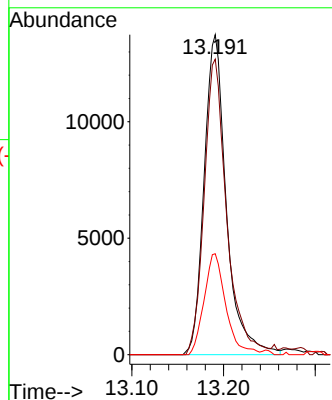
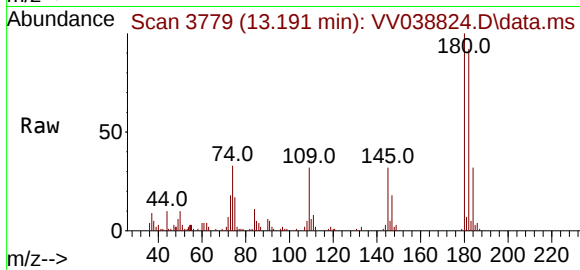
VSTDICC005

Tgt Ion:180	Resp:	23130
Ion Ratio	Lower	Upper
180	100	
182	93.6	46.9 140.6
145	30.8	15.8 47.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#94

Hexachlorobutadiene

Concen: 4.631 ug/l

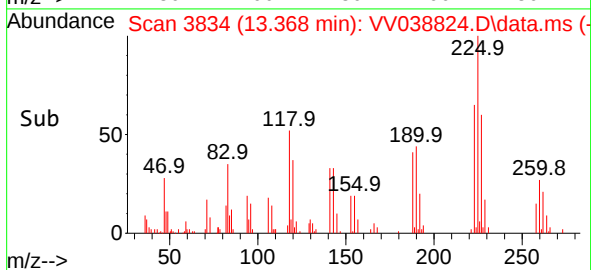
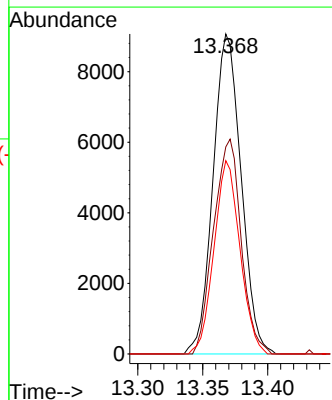
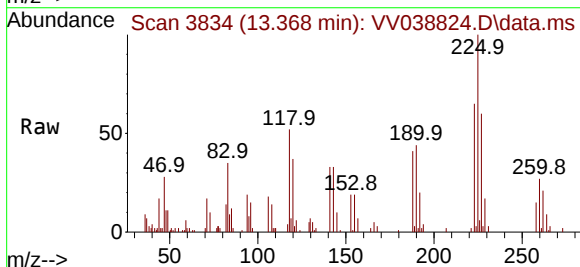
RT: 13.368 min Scan# 3834

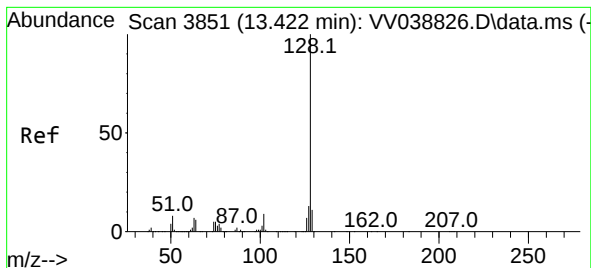
Delta R.T. -0.000 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Tgt Ion:225	Resp:	13611
Ion Ratio	Lower	Upper
225	100	
223	66.0	31.3 93.8
227	55.9	31.0 93.0





#95

Naphthalene

Concen: 6.175 ug/l

RT: 13.429 min Scan# 3851

Delta R.T. 0.007 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Instrument :

MSVOA_V

ClientSampleId :

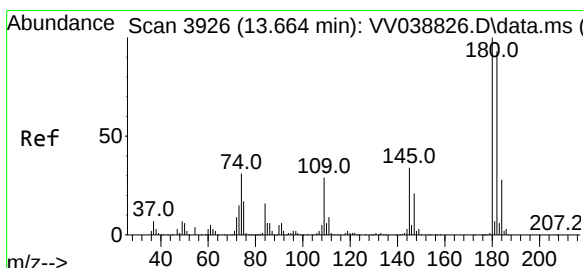
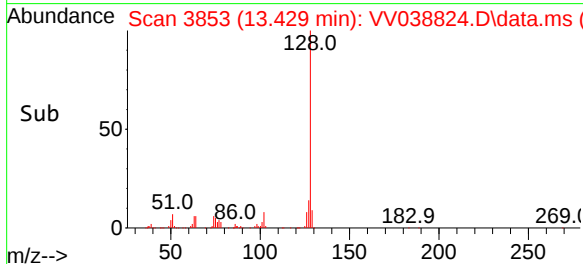
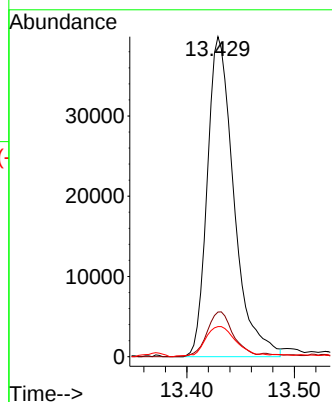
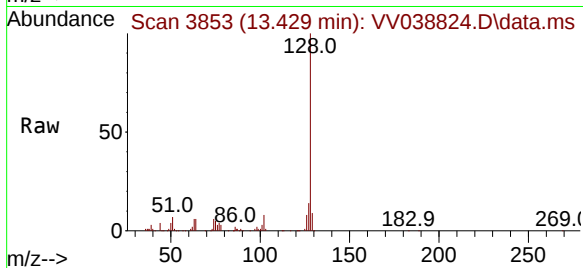
VSTDICC005

Tgt Ion:128	Resp:	6867
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.4 15.6
129	11.1	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 3.689 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.006 min

Lab File: VV038824.D

Acq: 27 Jun 2025 09:17

Tgt Ion:180	Resp:	22904
Ion Ratio	Lower	Upper
180	100	
182	98.7	47.3 141.8
145	33.5	17.0 50.9

