

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038910.D
 Acq On : 16 Jul 2025 16:03
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 17 06:19:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	506330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	893563	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	808974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	345301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	339094	54.812	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 109.620%			
35) Dibromofluoromethane	4.500	113	284446	46.689	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 93.380%			
50) Toluene-d8	7.236	98	949516	51.561	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 103.120%			
62) 4-Bromofluorobenzene	10.001	95	339464	45.760	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	2133	0.479	ug/l	98
3) Chloromethane	1.230	50	2819	0.587	ug/l	100
4) Vinyl Chloride	1.294	62	2787	0.507	ug/l	90
5) Bromomethane	1.494	94	3944	0.957	ug/l	95
6) Chloroethane	1.558	64	2186	0.595	ug/l #	83
7) Trichlorofluoromethane	1.722	101	4398	0.452	ug/l	96
8) Diethyl Ether	1.925	74	1751	0.500	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.079	101	2596	0.446	ug/l	97
10) Methyl Iodide	2.208	142	3597m	0.539	ug/l	
11) Tert butyl alcohol	2.584	59	3992	2.803	ug/l #	91
12) 1,1-Dichloroethene	2.082	96	3073	0.580	ug/l	92
13) Acrolein	2.018	56	698	3.389	ug/l	97
14) Allyl chloride	2.362	41	5292	0.627	ug/l #	76
15) Acrylonitrile	2.680	53	8831	2.423	ug/l	98
16) Acetone	2.127	43	8226	3.073	ug/l	94
17) Carbon Disulfide	2.256	76	7708	0.697	ug/l #	76
18) Methyl Acetate	2.388	43	4400	0.486	ug/l	96
19) Methyl tert-butyl Ether	2.716	73	9512	0.479	ug/l	94
20) Methylene Chloride	2.455	84	4242	0.625	ug/l #	91
21) trans-1,2-Dichloroethene	2.712	96	3488m	0.618	ug/l	
22) Diisopropyl ether	3.220	45	6764	0.401	ug/l #	62
23) Vinyl Acetate	3.204	43	23245	1.757	ug/l	94
24) 1,1-Dichloroethane	3.121	63	5195	0.470	ug/l #	79
25) 2-Butanone	3.950	43	14728m	3.838	ug/l	
26) 2,2-Dichloropropane	3.818	77	4038m	0.417	ug/l	
27) cis-1,2-Dichloroethene	3.838	96	3343m	0.516	ug/l	
28) Bromochloromethane	4.169	49	3263	0.763	ug/l	99
29) Tetrahydrofuran	4.265	42	4700	1.859	ug/l #	86
30) Chloroform	4.291	83	6189	0.508	ug/l	95
31) Cyclohexane	4.593	56	13216	1.822	ug/l #	9
32) 1,1,1-Trichloroethane	4.519	97	5033	0.473	ug/l #	38
36) 1,1-Dichloropropene	4.754	75	3923m	0.560	ug/l	
37) Ethyl Acetate	3.979	43	3578m	0.434	ug/l	
38) Carbon Tetrachloride	4.732	117	3854m	0.414	ug/l	
39) Methylcyclohexane	6.047	83	4355	0.527	ug/l #	85
40) Benzene	5.034	78	10474	0.441	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.240	41	1421m	0.376	ug/l	
42) 1,2-Dichloroethane	5.060	62	5054m	0.559	ug/l	
43) Isopropyl Acetate	5.243	43	7834m	0.601	ug/l	
44) Trichloroethene	5.857	130	2945m	0.475	ug/l	
45) 1,2-Dichloropropane	6.111	63	3113m	0.497	ug/l	
46) Dibromomethane	6.252	93	2130m	0.439	ug/l	
47) Bromodichloromethane	6.442	83	4178	0.406	ug/l	87
48) Methyl methacrylate	6.407	41	2702m	0.478	ug/l	
49) 1,4-Dioxane	6.355	88	1268m	10.401	ug/l	
51) 4-Methyl-2-Pentanone	7.166	43	12645	1.424	ug/l	96
52) Toluene	7.330	92	5475	0.366	ug/l #	62
53) t-1,3-Dichloropropene	7.609	75	3880m	0.416	ug/l	
54) cis-1,3-Dichloropropene	6.979	75	3517	0.349	ug/l	89
55) 1,1,2-Trichloroethane	7.786	97	2829m	0.396	ug/l	
56) Ethyl methacrylate	7.767	69	3426m	0.403	ug/l	
57) 1,3-Dichloropropane	7.963	76	4028	0.376	ug/l #	71
58) 2-Chloroethyl Vinyl ether	6.863	63	7750m	1.512	ug/l	
59) 2-Hexanone	8.117	43	9570m	1.448	ug/l	
60) Dibromochloromethane	8.182	129	3142	0.373	ug/l	92
61) 1,2-Dibromoethane	8.297	107	2450	0.340	ug/l	97
64) Tetrachloroethene	7.908	164	2664	0.502	ug/l	86
65) Chlorobenzene	8.812	112	8527	0.482	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.905	131	3040	0.431	ug/l #	64
67) Ethyl Benzene	8.953	91	9144	0.348	ug/l	92
68) m/p-Xylenes	9.079	106	6998	0.685	ug/l	99
69) o-Xylene	9.481	106	3476	0.360	ug/l	92
70) Styrene	9.519	104	5996m	0.352	ug/l	
71) Bromoform	9.664	173	2365	0.413	ug/l #	83
73) Isopropylbenzene	9.866	105	9450	0.458	ug/l	93
74) N-amyl acetate	9.757	43	3537m	0.468	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.175	83	4620	0.535	ug/l	96
76) 1,2,3-Trichloropropane	10.210	75	3909m	0.609	ug/l	
77) Bromobenzene	10.162	156	2754	0.509	ug/l	92
78) n-propylbenzene	10.291	91	11530	0.478	ug/l	99
79) 2-Chlorotoluene	10.358	91	7874m	0.513	ug/l	
80) 1,3,5-Trimethylbenzene	10.474	105	7886	0.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.944	75	926m	0.352	ug/l	
82) 4-Chlorotoluene	10.481	91	7309	0.426	ug/l	95
83) tert-Butylbenzene	10.792	119	8331	0.457	ug/l	95
84) 1,2,4-Trimethylbenzene	10.850	105	7540	0.440	ug/l	99
85) sec-Butylbenzene	11.017	105	10125	0.435	ug/l	98
86) p-Isopropyltoluene	11.175	119	9034	0.457	ug/l #	83
87) 1,3-Dichlorobenzene	11.120	146	5576	0.505	ug/l	88
88) 1,4-Dichlorobenzene	11.198	146	7669m	0.638	ug/l	
89) n-Butylbenzene	11.596	91	7064	0.391	ug/l	99
90) Hexachloroethane	11.825	117	2278	0.485	ug/l	95
91) 1,2-Dichlorobenzene	11.580	146	4997	0.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.374	75	1012m	0.518	ug/l	
93) 1,2,4-Trichlorobenzene	13.204	180	3156	0.499	ug/l	94
94) Hexachlorobutadiene	13.368	225	1526	0.468	ug/l	79
95) Naphthalene	13.451	128	8567	0.412	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.680	180	3284	0.501	ug/l	86

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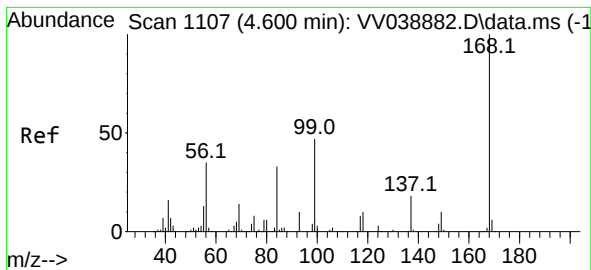
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 06:19:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 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: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:168 Resp: 506330

Ion Ratio Lower Upper

168 100

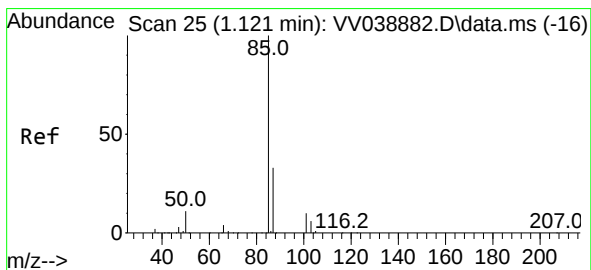
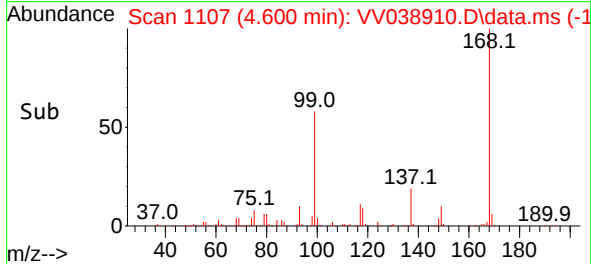
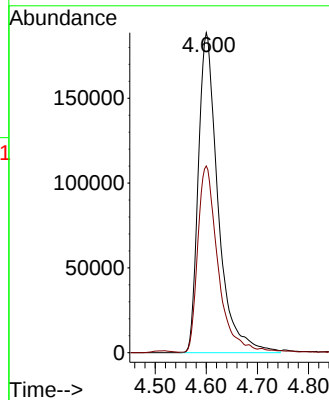
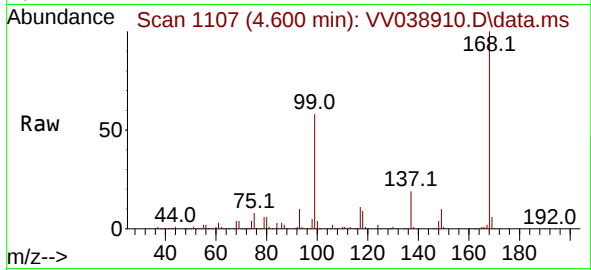
99 58.2 48.6 73.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/17/2025



#2

Dichlorodifluoromethane

Concen: 0.479 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038910.D

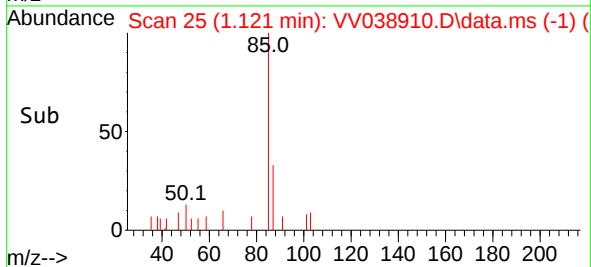
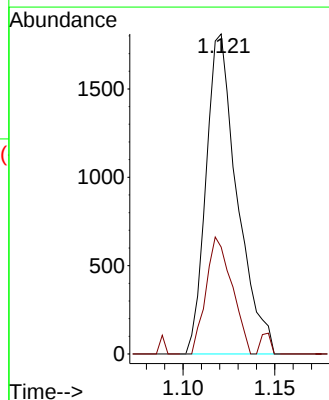
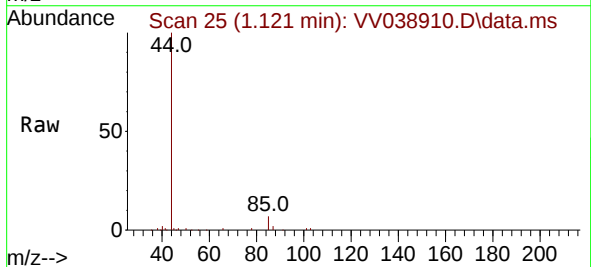
Acq: 16 Jul 2025 16:03

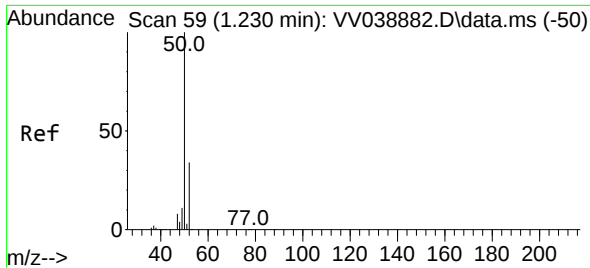
Tgt Ion: 85 Resp: 2133

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8





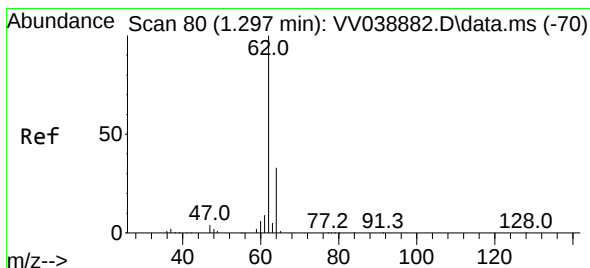
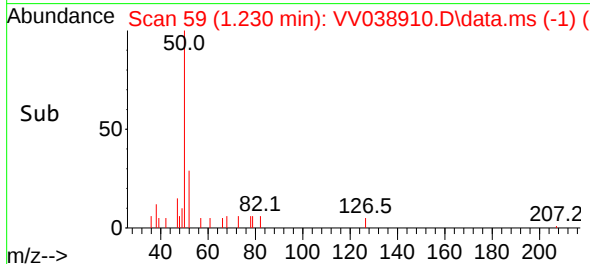
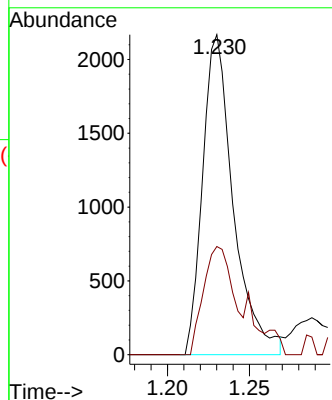
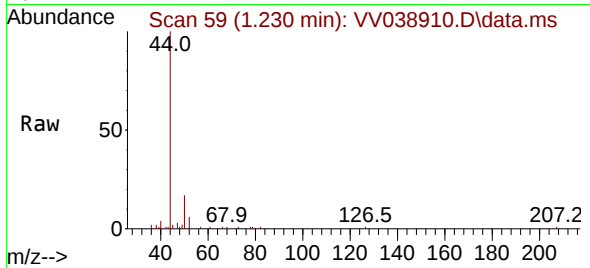
#3
Chloromethane
Concen: 0.587 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 50 Resp: 2819
Ion Ratio Lower Upper
50 100
52 33.8 26.9 40.3

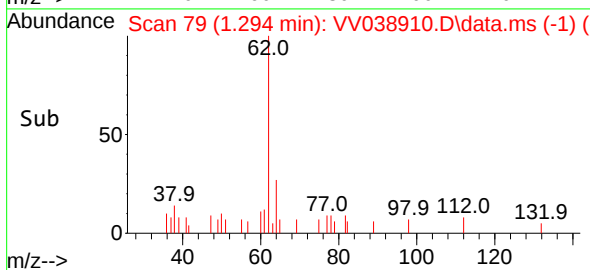
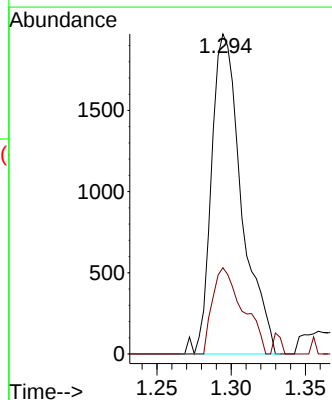
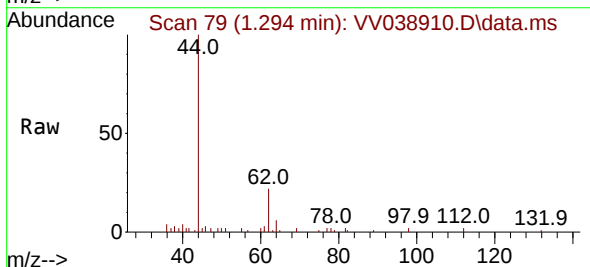
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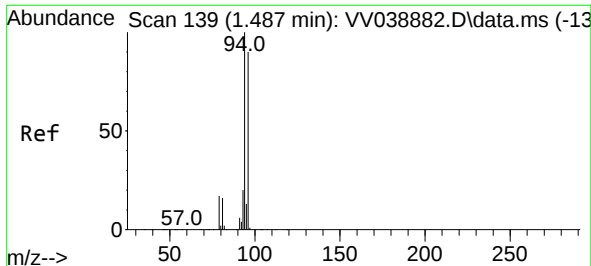
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 0.507 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 62 Resp: 2787
Ion Ratio Lower Upper
62 100
64 26.9 26.2 39.2





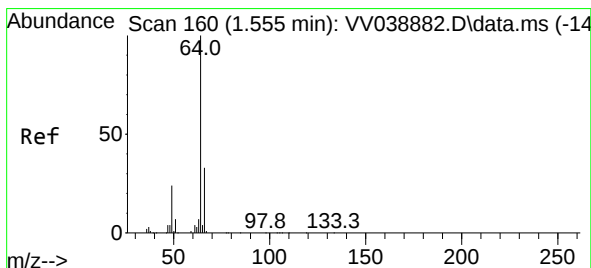
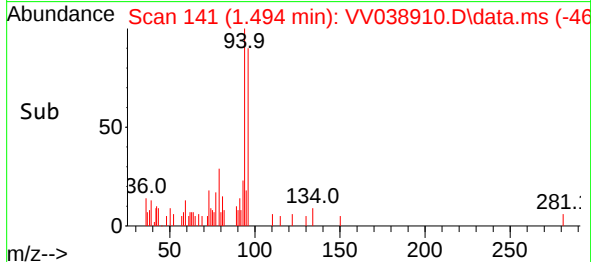
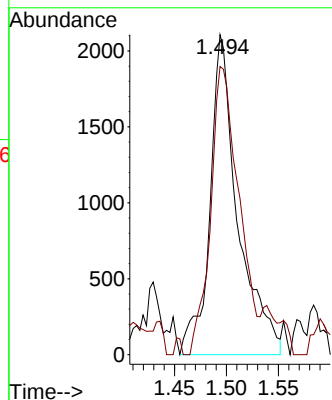
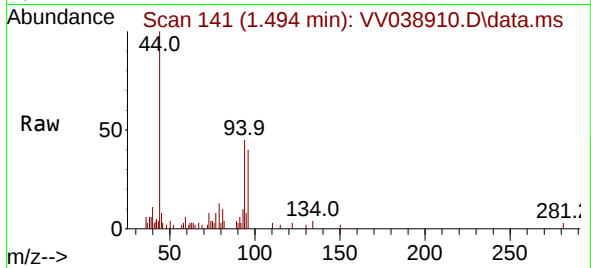
#5
Bromomethane
Concen: 0.957 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
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Tgt Ion: 94 Resp: 3944
Ion Ratio Lower Upper
94 100
96 85.1 71.9 107.9

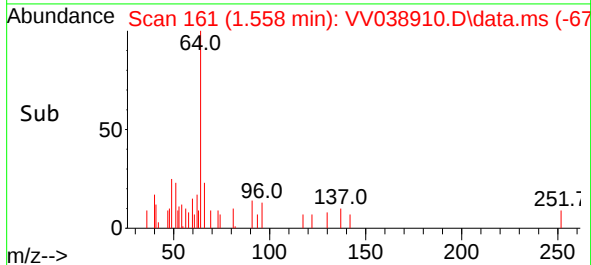
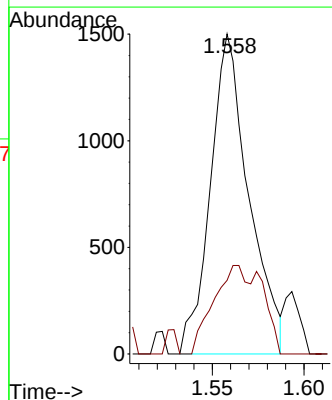
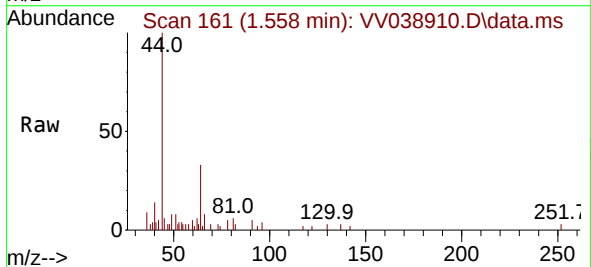
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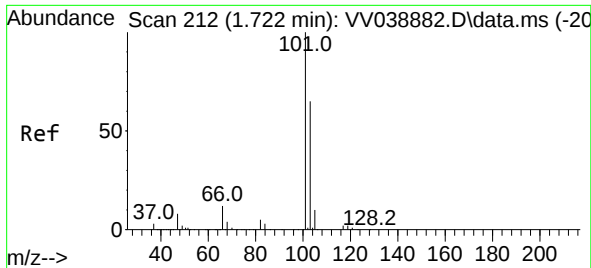
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 0.595 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

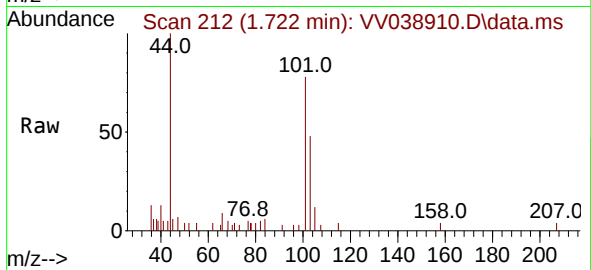
Tgt Ion: 64 Resp: 2186
Ion Ratio Lower Upper
64 100
66 23.0 26.2 39.2#





#7
 Trichlorofluoromethane
 Concen: 0.452 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

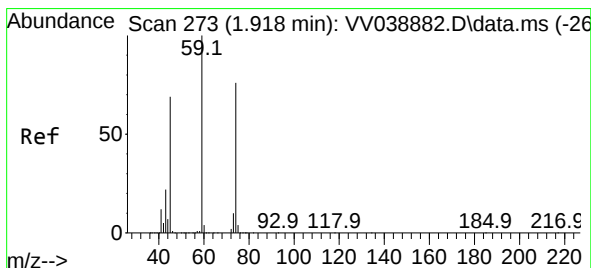
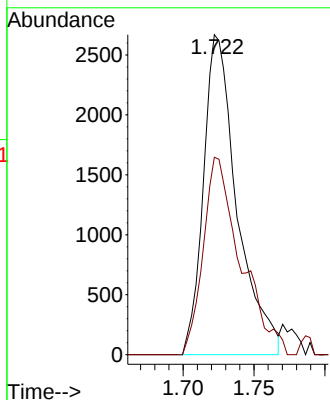
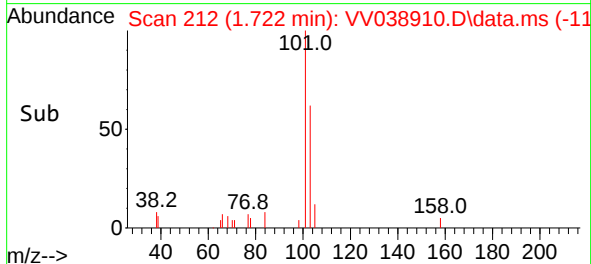
Instrument :
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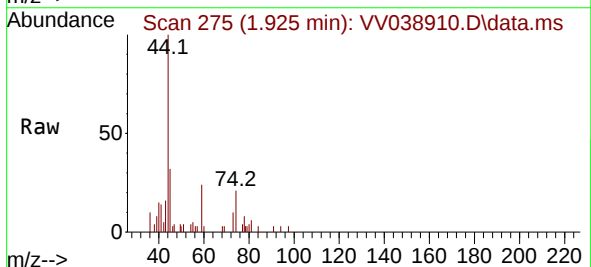
Tgt Ion:101 Resp: 4398
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.8 77.6

Manual Integrations
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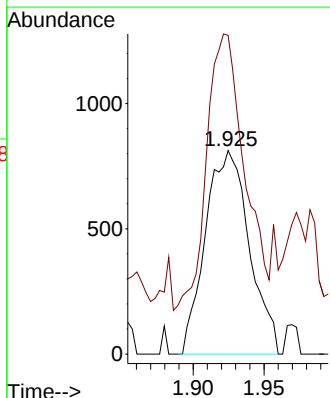
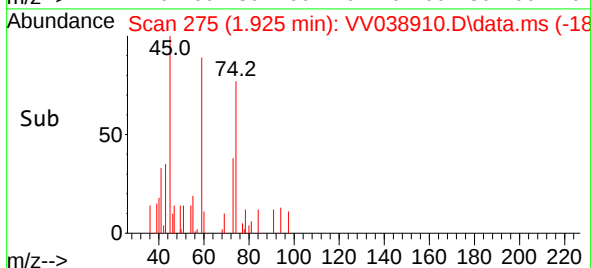
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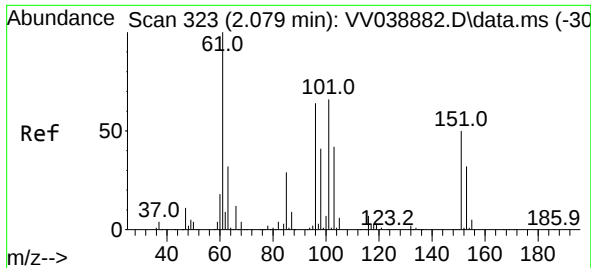


#8
 Diethyl Ether
 Concen: 0.500 ug/l
 RT: 1.925 min Scan# 275
 Delta R.T. 0.007 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03



Tgt Ion: 74 Resp: 1751
 Ion Ratio Lower Upper
 74 100
 45 112.0 45.5 136.5





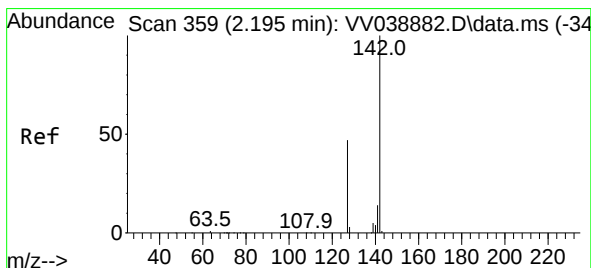
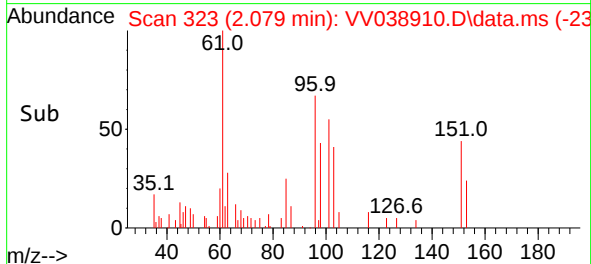
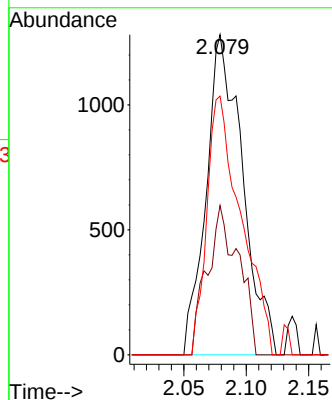
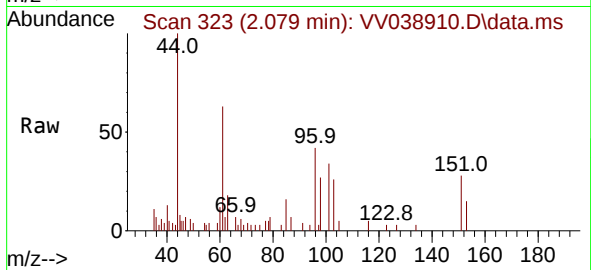
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.446 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:101 Resp: 2590
Ion Ratio Lower Upper
101 100
85 40.4 35.0 52.6
151 76.0 60.1 90.1

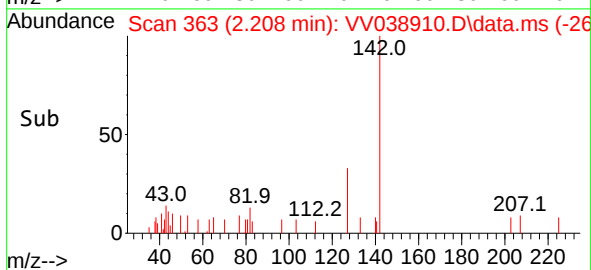
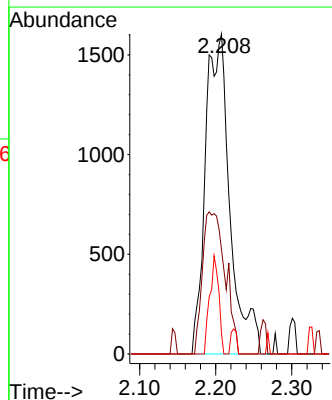
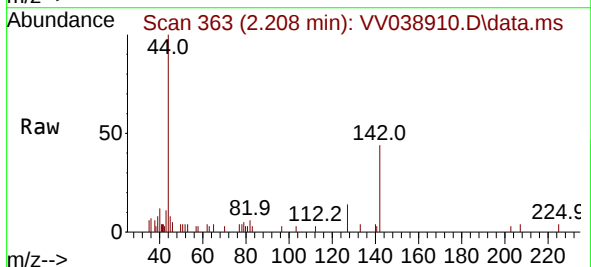
Manual Integrations
APPROVED

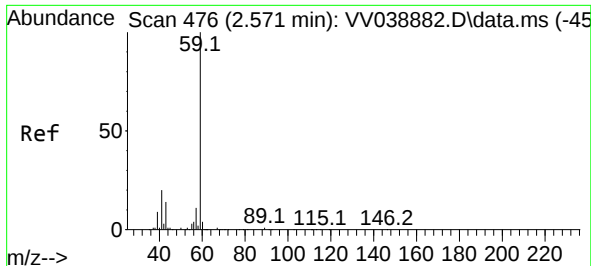
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Methyl Iodide
Concen: 0.539 ug/l m
RT: 2.208 min Scan# 363
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:142 Resp: 3597
Ion Ratio Lower Upper
142 100
127 41.0 37.3 55.9
141 11.3 11.2 16.8





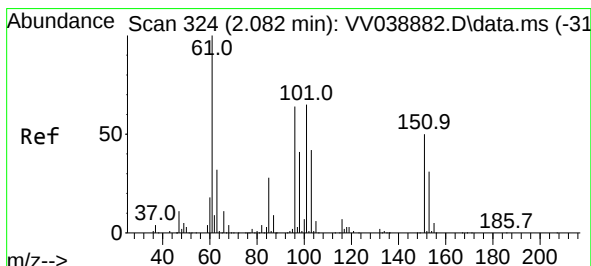
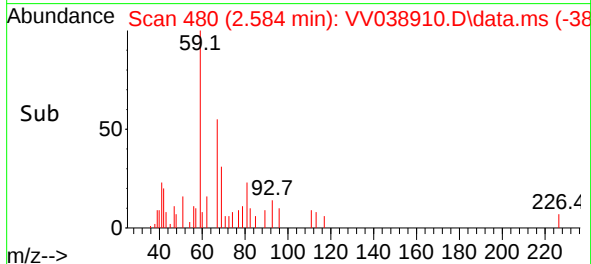
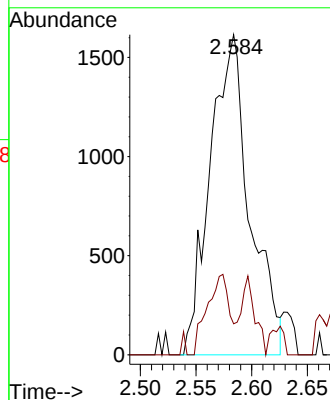
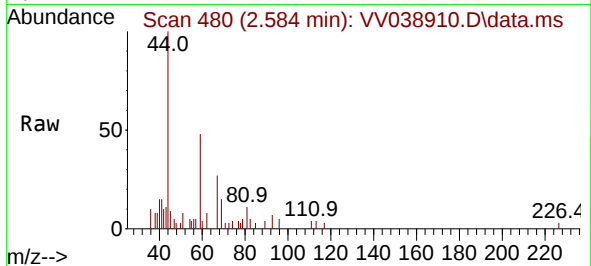
#11
Tert butyl alcohol
Concen: 2.803 ug/l
RT: 2.584 min Scan# 476
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion: 59 Resp: 3992
Ion Ratio Lower Upper
59 100
57 14.0 8.6 12.8

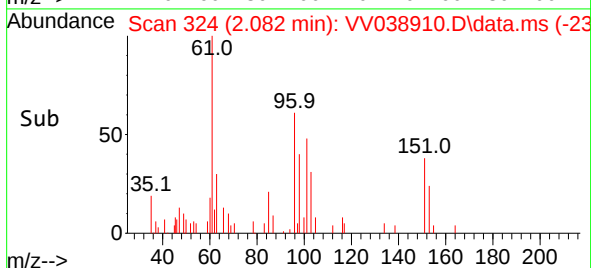
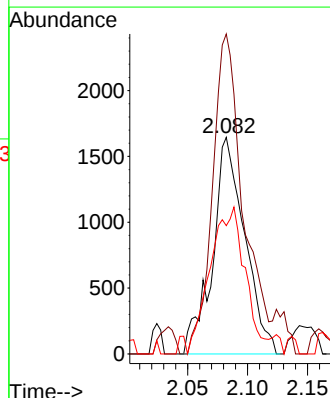
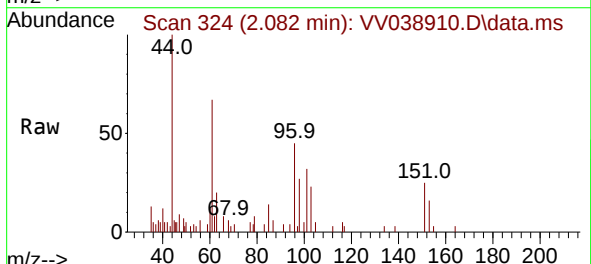
Manual Integrations
APPROVED

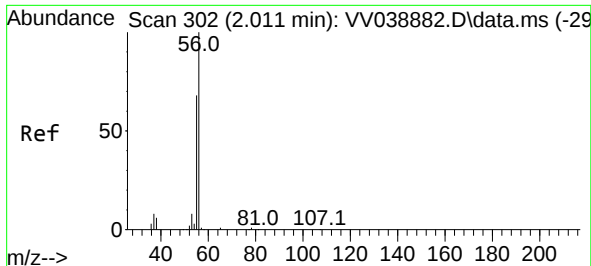
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#12
1,1-Dichloroethene
Concen: 0.580 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

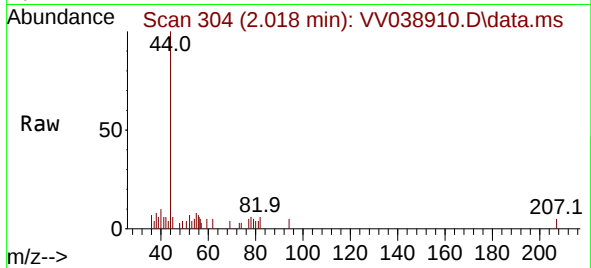
Tgt Ion: 96 Resp: 3073
Ion Ratio Lower Upper
96 100
61 147.7 124.1 186.1
98 52.0 50.6 75.8





#13
Acrolein
Concen: 3.389 ug/l
RT: 2.018 min Scan# 302
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

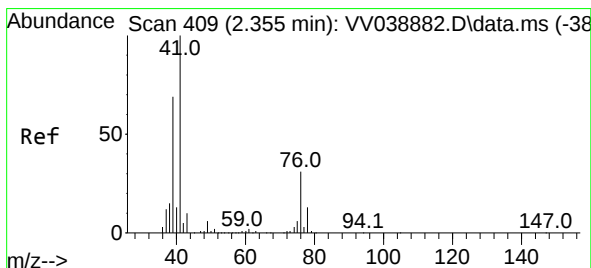
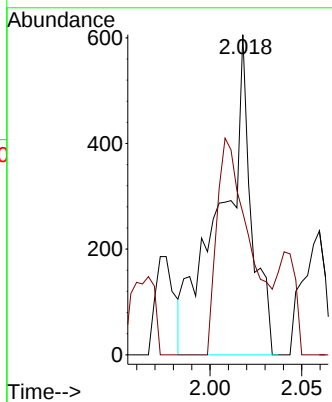
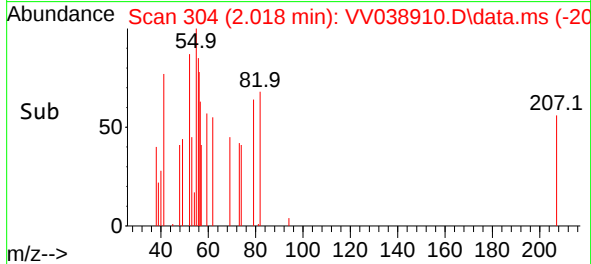
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 56 Resp: 698
Ion Ratio Lower Upper
56 100
55 73.4 56.7 85.1

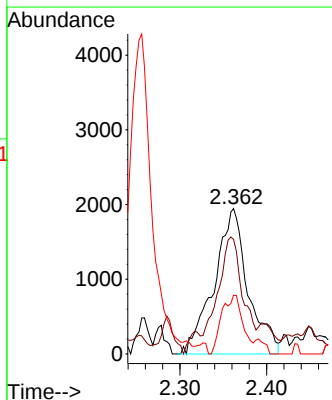
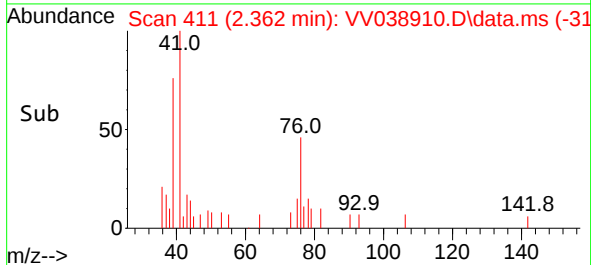
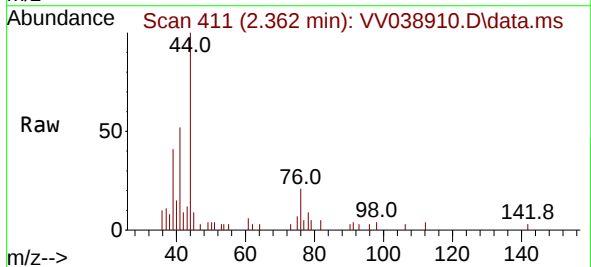
Manual Integrations
APPROVED

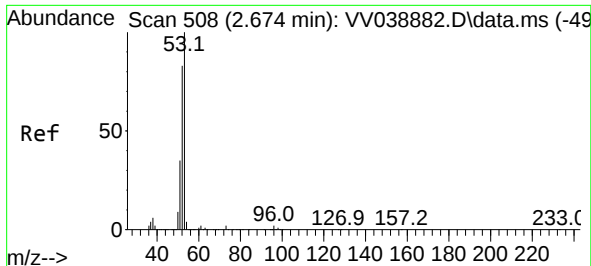
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#14
Allyl chloride
Concen: 0.627 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

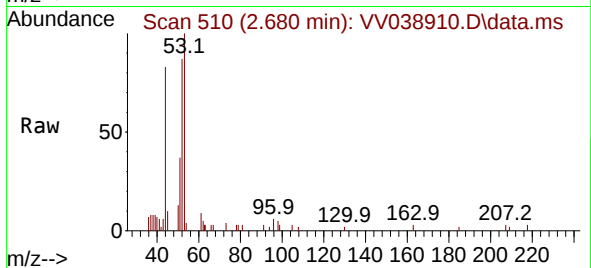
Tgt Ion: 41 Resp: 5292
Ion Ratio Lower Upper
41 100
39 43.9 50.6 76.0#
76 25.1 30.4 45.6#





#15
Acrylonitrile
Concen: 2.423 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

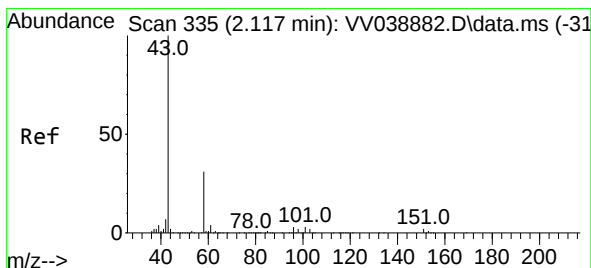
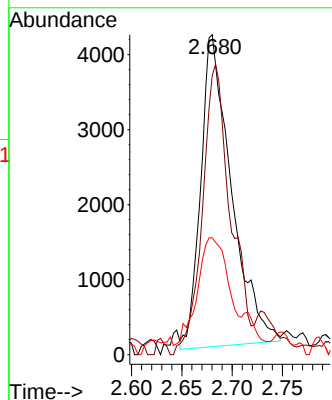
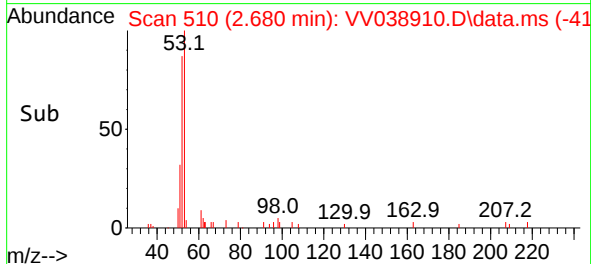
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 53 Resp: 883
Ion Ratio Lower Upper
53 100
52 85.2 66.6 99.8
51 34.9 28.7 43.1

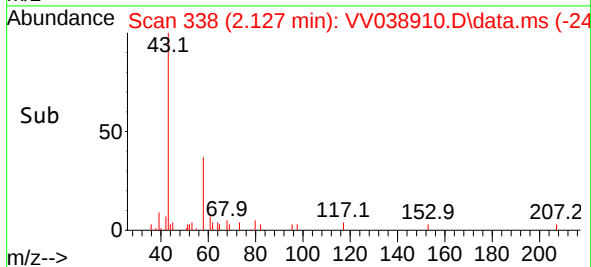
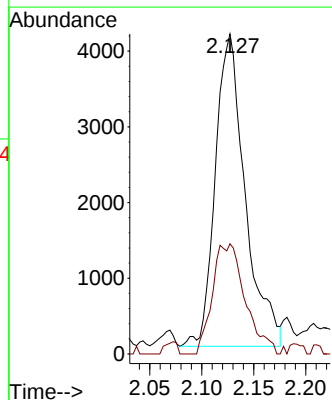
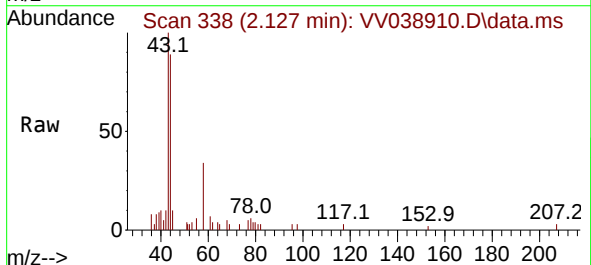
Manual Integrations
APPROVED

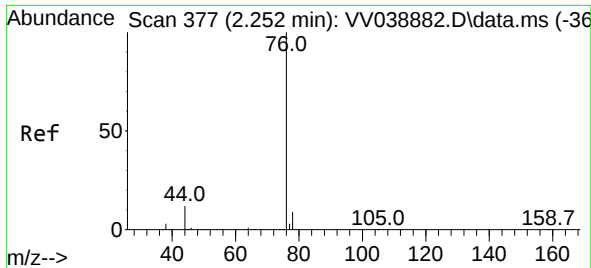
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 3.073 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

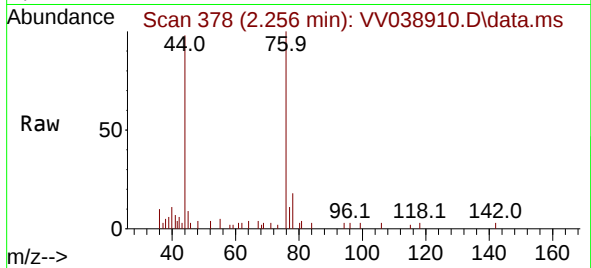
Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
58 35.3 25.8 38.6





#17
Carbon Disulfide
Concen: 0.697 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.004 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

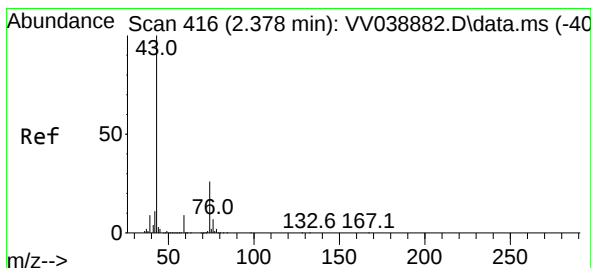
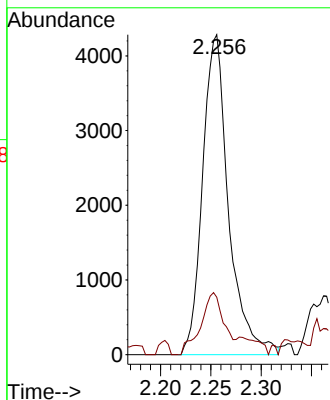
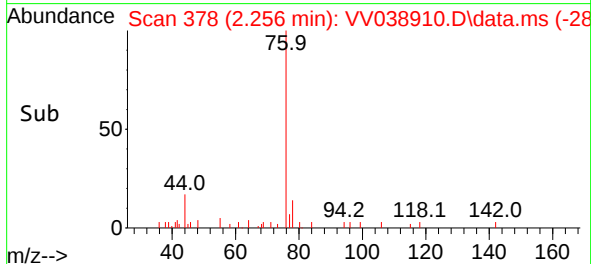
Instrument :
MSVOA_V
ClientSampleId :
MDL03



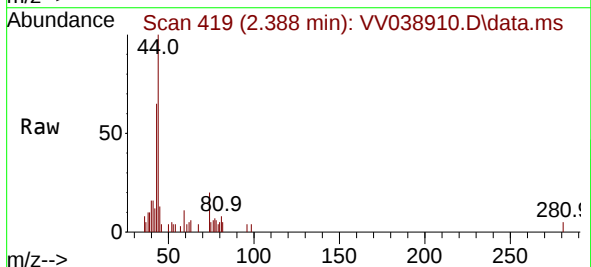
Tgt Ion: 76 Resp: 7708
Ion Ratio Lower Upper
76 100
78 18.0 7.4 11.2

Manual Integrations
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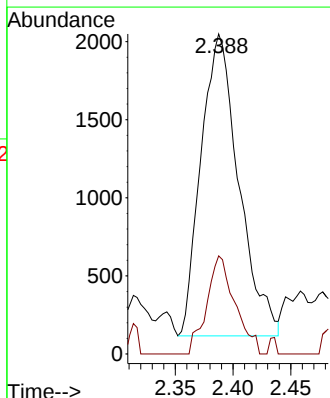
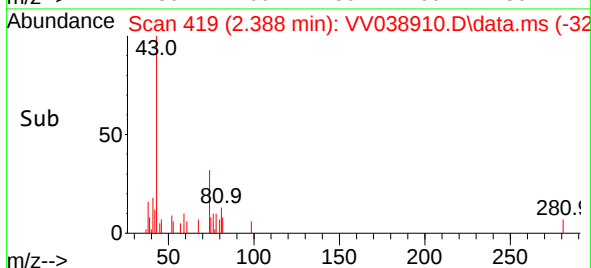
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

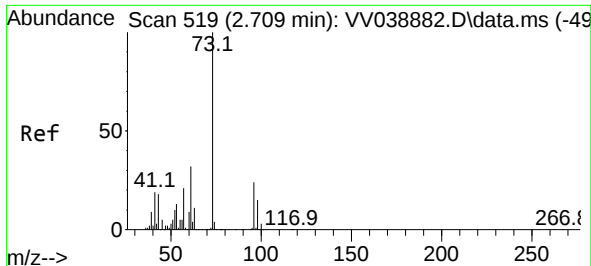


#18
Methyl Acetate
Concen: 0.486 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03



Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
74 24.3 21.1 31.7





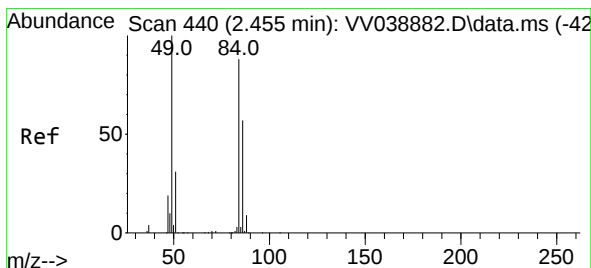
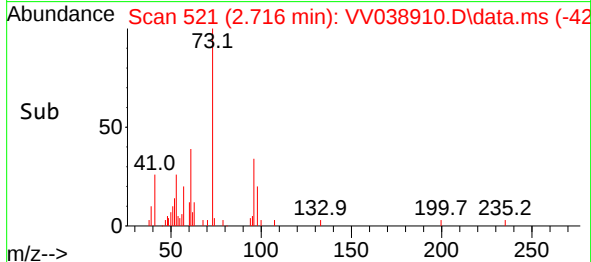
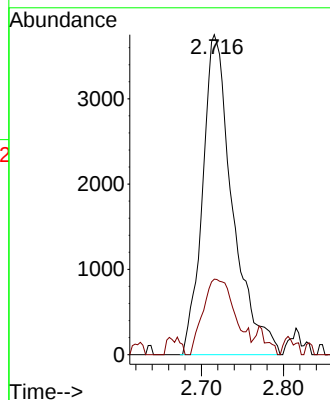
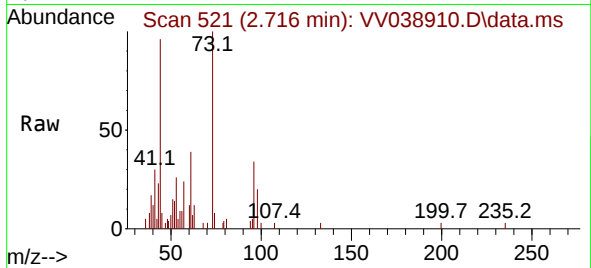
#19
Methyl tert-butyl Ether
Concen: 0.479 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 73 Resp: 951
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

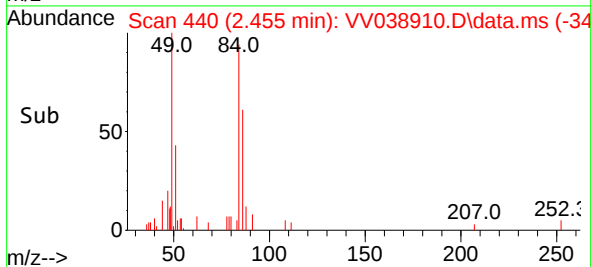
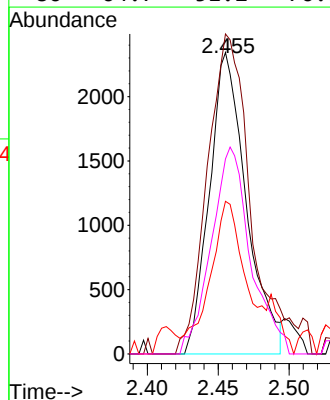
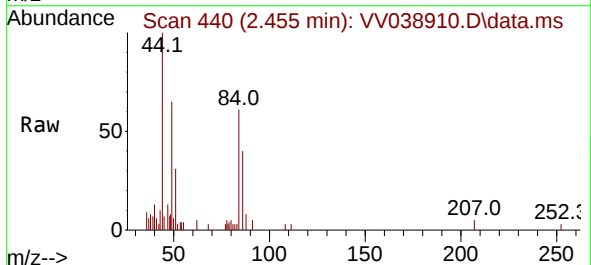
Manual Integrations
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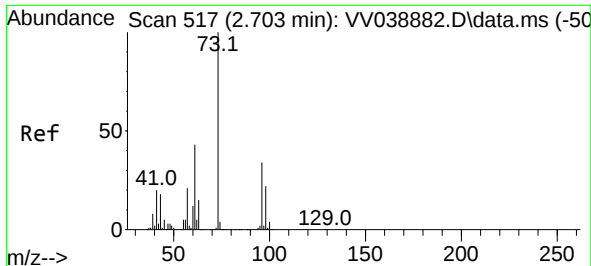
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 0.625 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

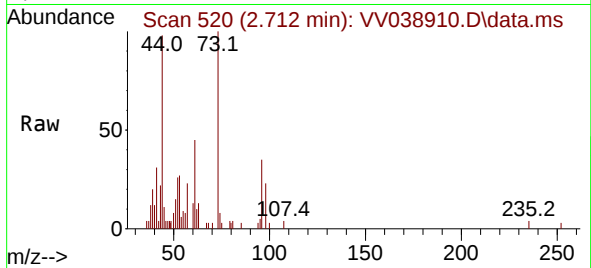
Tgt Ion: 84 Resp: 4242
Ion Ratio Lower Upper
84 100
49 101.3 90.5 135.7
51 45.4 27.8 41.6#
86 64.7 51.2 76.8





#21
trans-1,2-Dichloroethene
Concen: 0.618 ug/l m
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

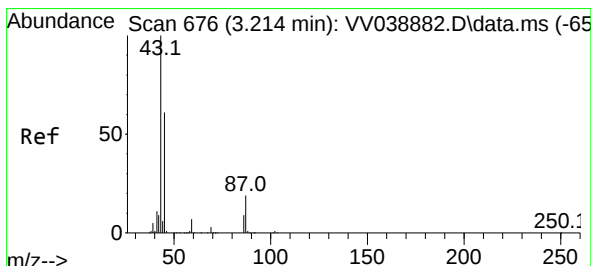
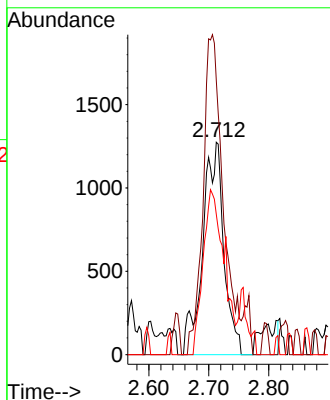
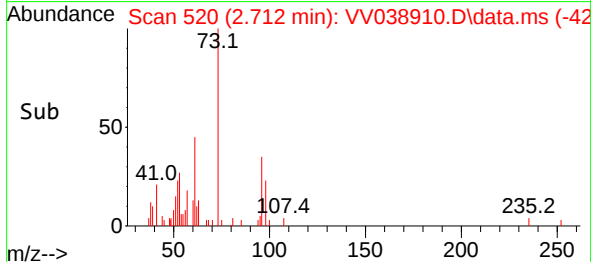
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 96 Resp: 3488
Ion Ratio Lower Upper
96 100
61 129.2 102.0 153.0
98 66.1 51.0 76.6

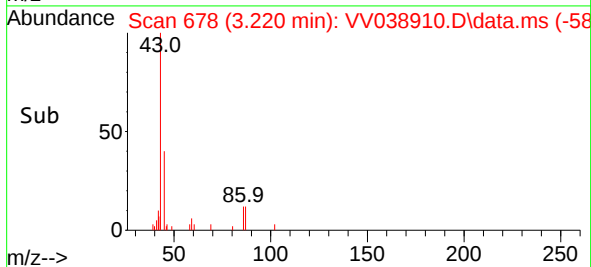
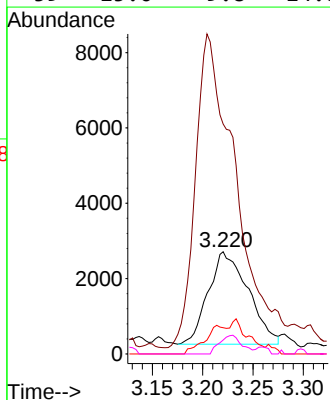
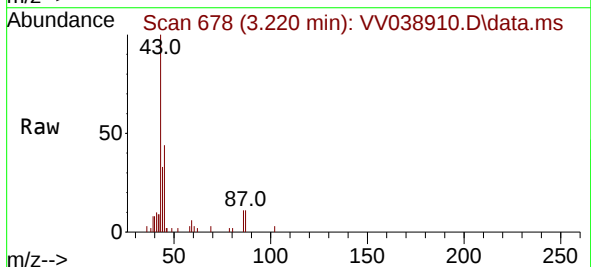
Manual Integrations
APPROVED

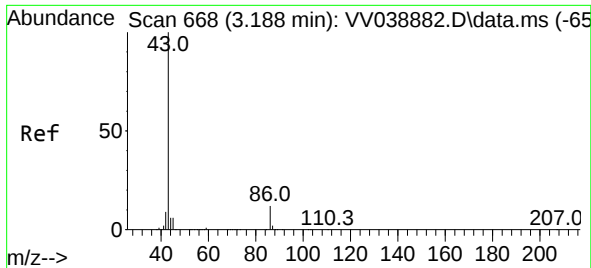
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
Diisopropyl ether
Concen: 0.401 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

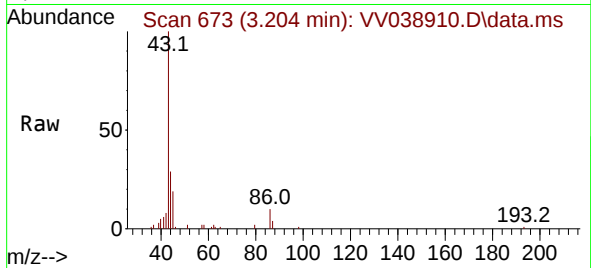
Tgt Ion: 45 Resp: 6764
Ion Ratio Lower Upper
45 100
43 227.4 132.1 198.1#
87 28.4 25.0 37.4
59 15.0 9.8 14.8#





#23
 Vinyl Acetate
 Concen: 1.757 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

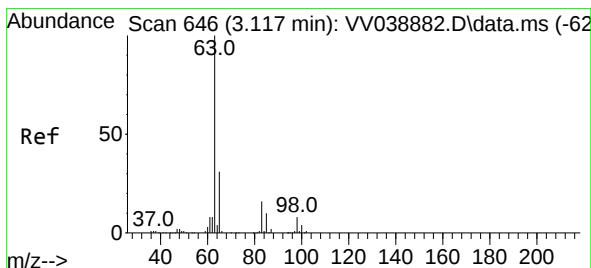
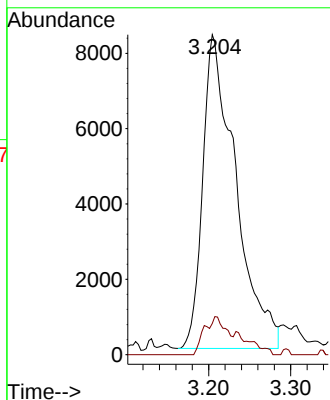
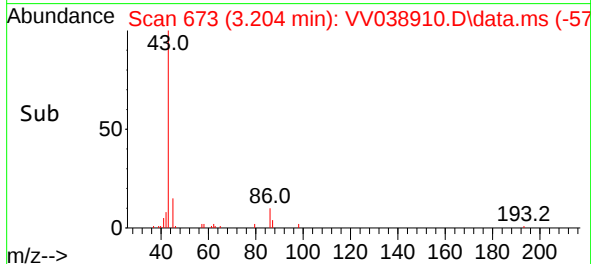
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03



Tgt Ion: 43 Resp: 2324
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.8 14.6

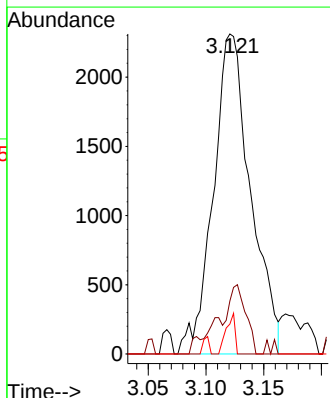
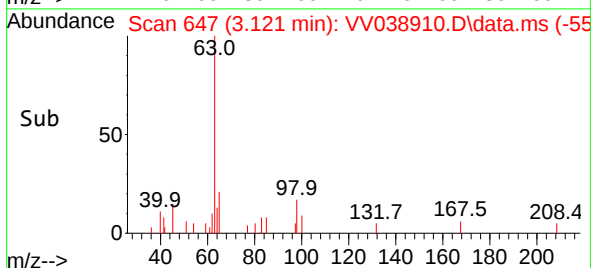
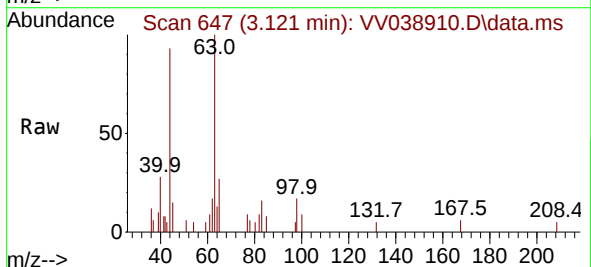
Manual Integrations
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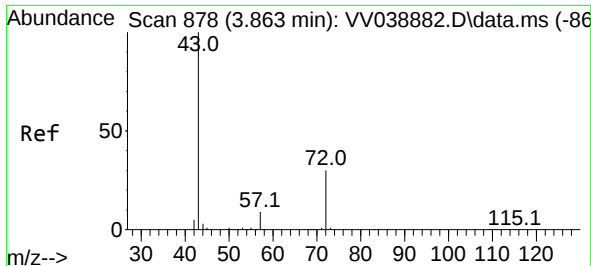
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#24
 1,1-Dichloroethane
 Concen: 0.470 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

Tgt Ion: 63 Resp: 5195
 Ion Ratio Lower Upper
 63 100
 98 16.6 3.9 11.7#
 100 9.3 2.2 6.6#





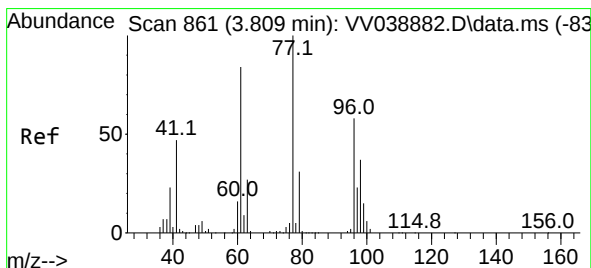
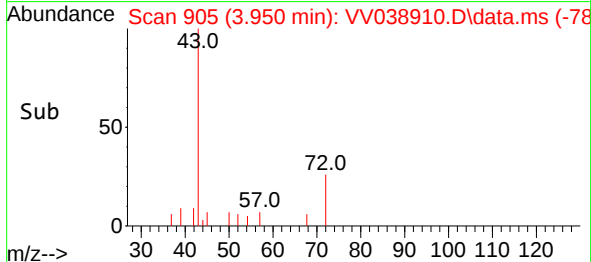
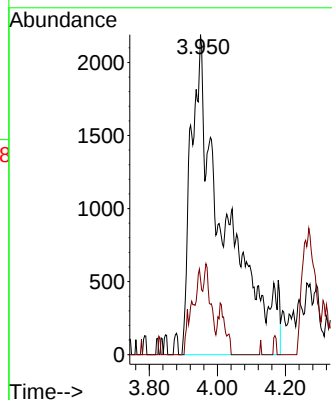
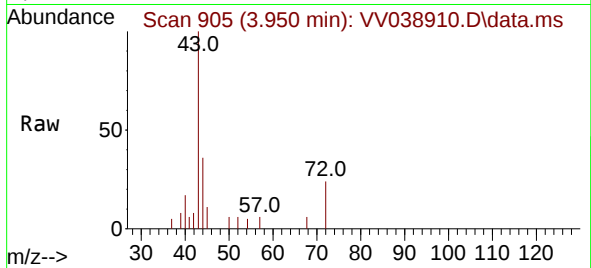
#25
2-Butanone
Concen: 3.838 ug/l m
RT: 3.950 min Scan# 905
Delta R.T. 0.087 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 43 Resp: 14728
Ion Ratio Lower Upper
43 100
72 23.6 23.9 35.9

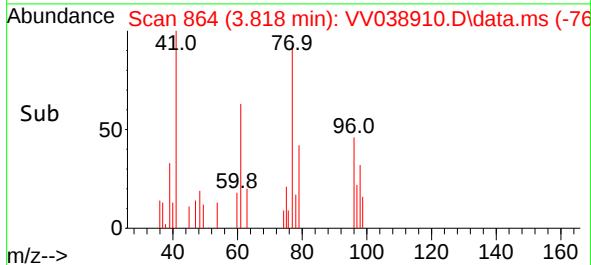
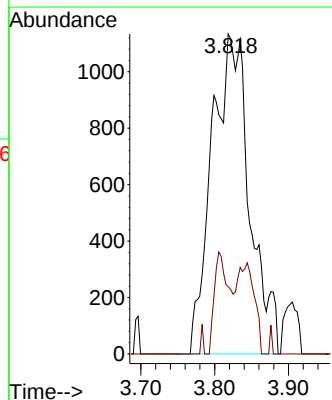
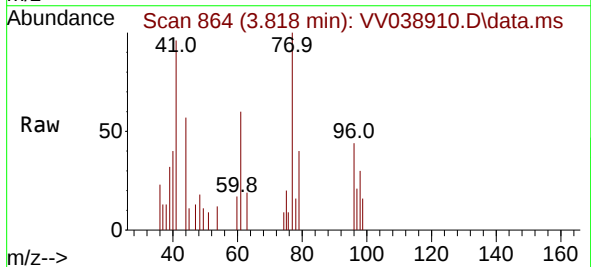
Manual Integrations
APPROVED

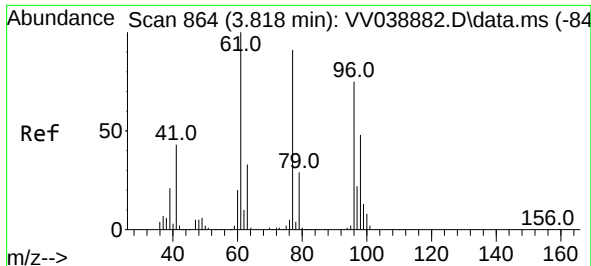
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
2,2-Dichloropropane
Concen: 0.417 ug/l m
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 77 Resp: 4038
Ion Ratio Lower Upper
77 100
97 12.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.516 ug/l m

RT: 3.838 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

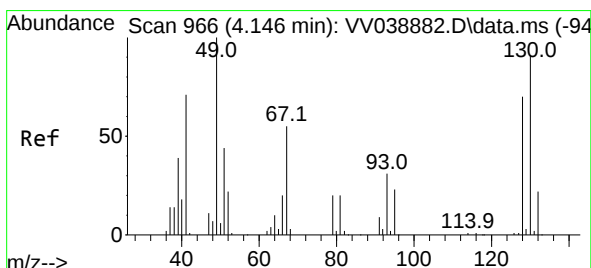
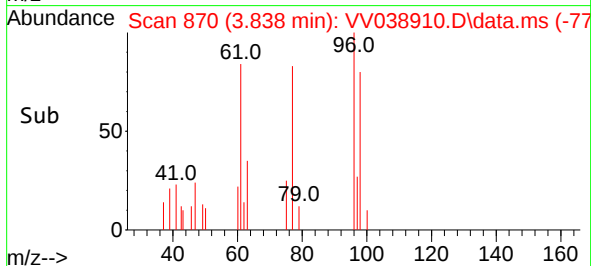
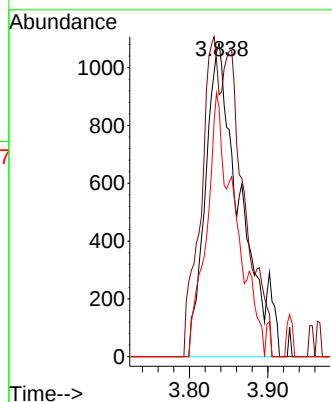
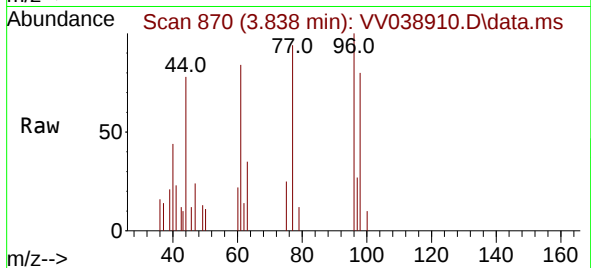
MDL03

Tgt Ion: 96	Resp: 334
Ion Ratio	Lower Upper
96 100	
61 52.8	0.0 275.0
98 43.2	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#28

Bromochloromethane

Concen: 0.763 ug/l

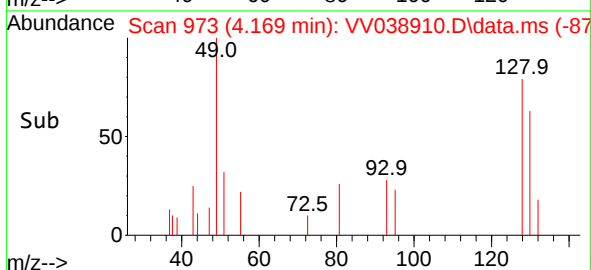
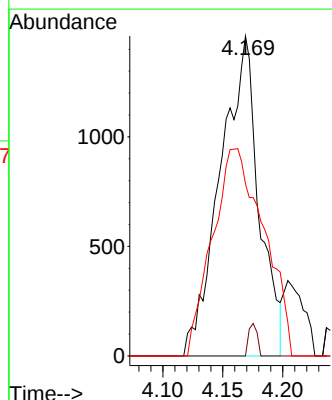
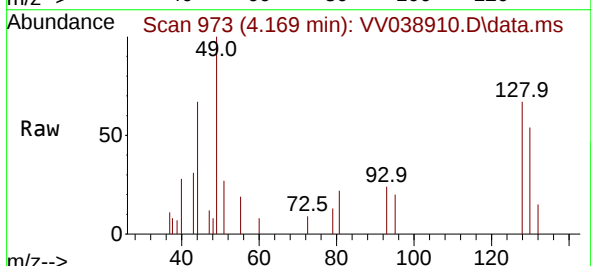
RT: 4.169 min Scan# 973

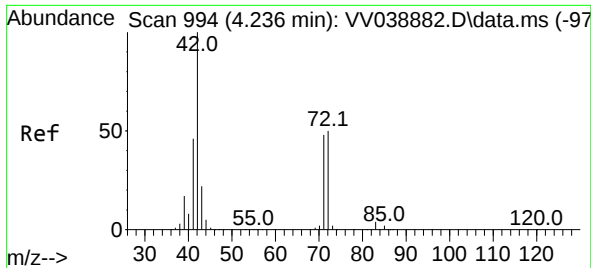
Delta R.T. 0.023 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion: 49	Resp: 3263
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.8
130 86.7	70.1 105.1





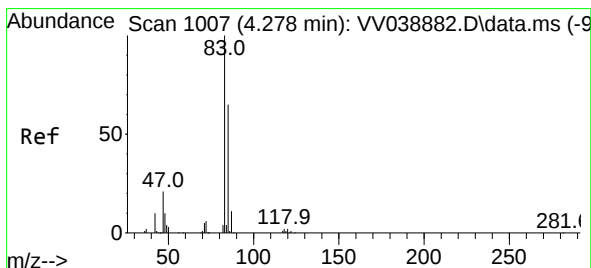
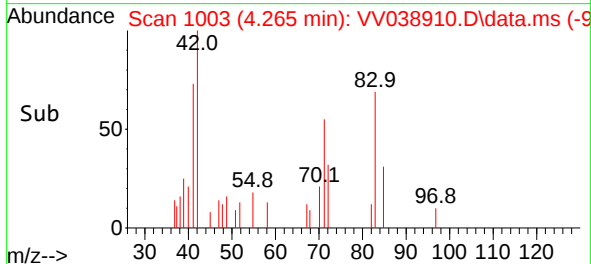
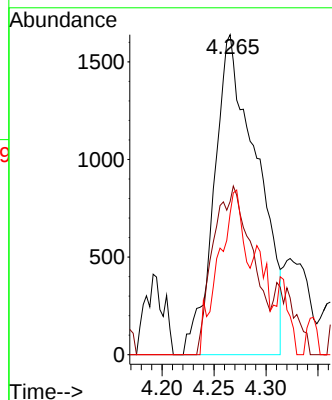
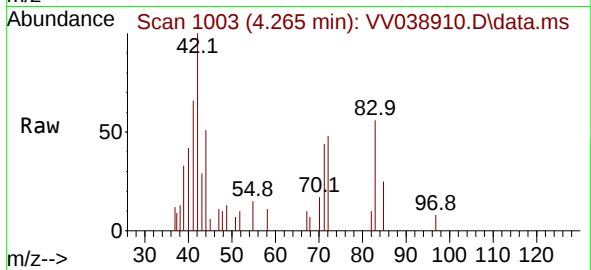
#29
Tetrahydrofuran
Concen: 1.859 ug/l
RT: 4.265 min Scan# 1003
Delta R.T. 0.029 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 42 Resp: 4700
Ion Ratio Lower Upper
42 100
72 48.6 41.6 62.4
71 32.0 38.4 57.6

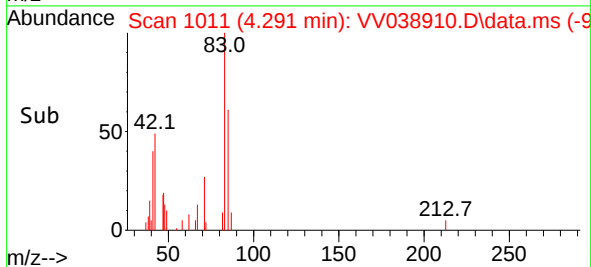
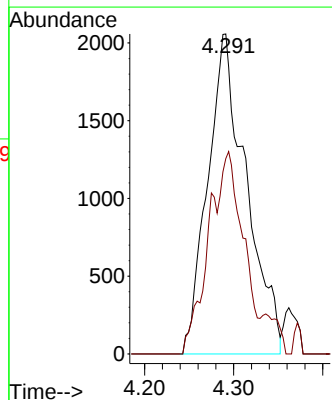
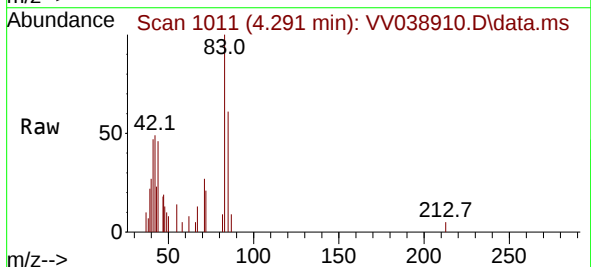
Manual Integrations
APPROVED

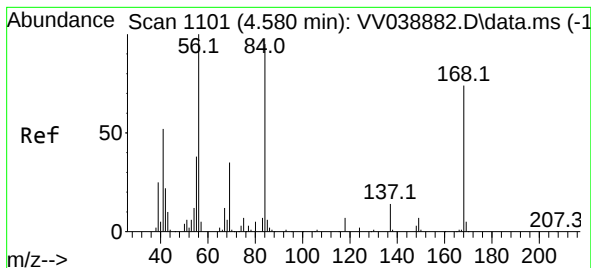
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Chloroform
Concen: 0.508 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 83 Resp: 6189
Ion Ratio Lower Upper
83 100
85 61.0 52.2 78.4





#31

Cyclohexane

Concen: 1.822 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

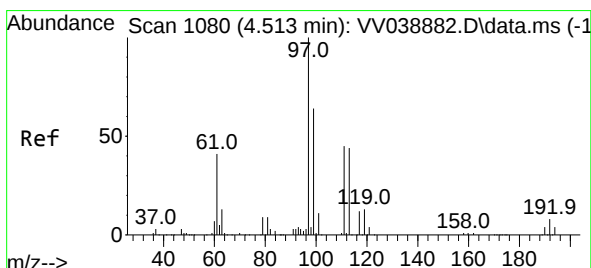
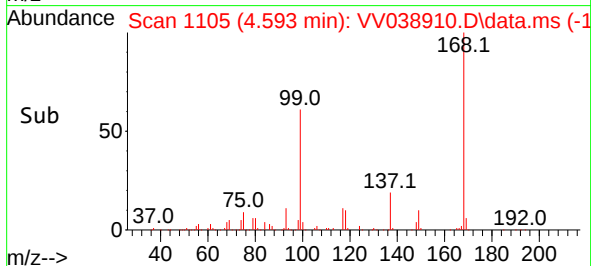
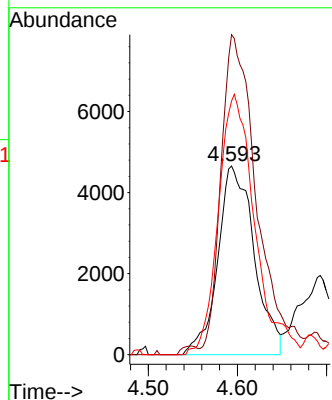
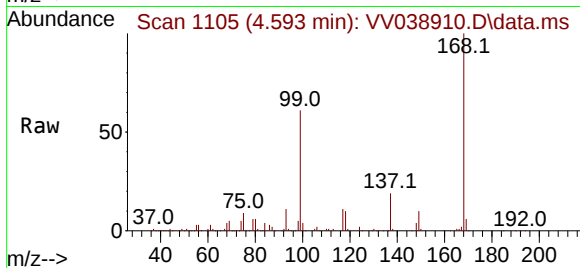
Tgt Ion: 56 Resp: 13210

Ion	Ratio	Lower	Upper
56	100		
69	167.3	28.2	42.2
84	134.5	76.0	114.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#32

1,1,1-Trichloroethane

Concen: 0.473 ug/l

RT: 4.519 min Scan# 1082

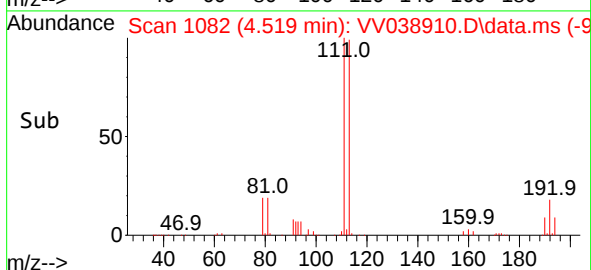
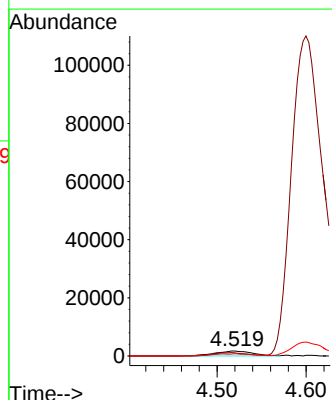
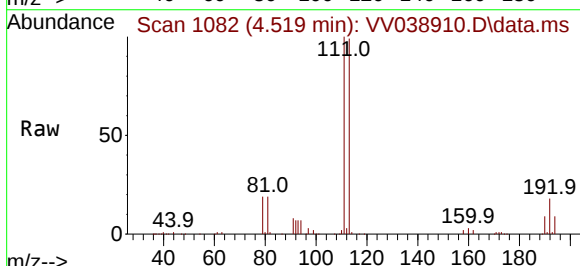
Delta R.T. 0.007 min

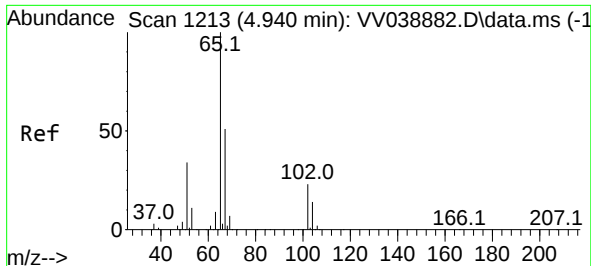
Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion: 97 Resp: 5033

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.1	75.1
61	20.4	32.6	49.0





#33

1,2-Dichloroethane-d4

Concen: 54.812 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 65 Resp: 339094

Ion Ratio Lower Upper

65 100

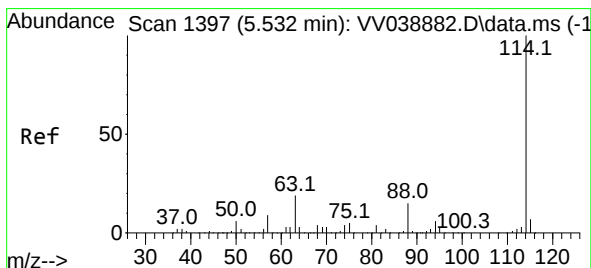
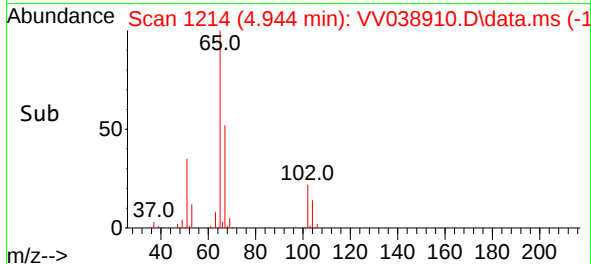
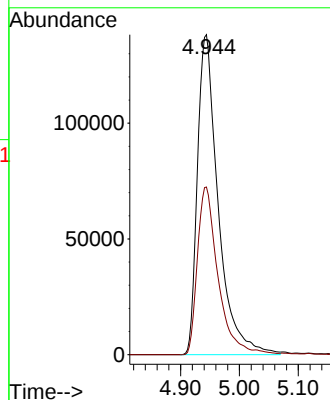
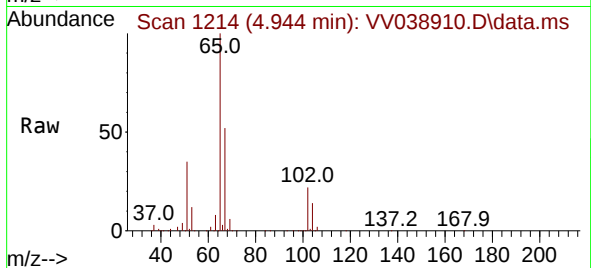
67 52.2 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

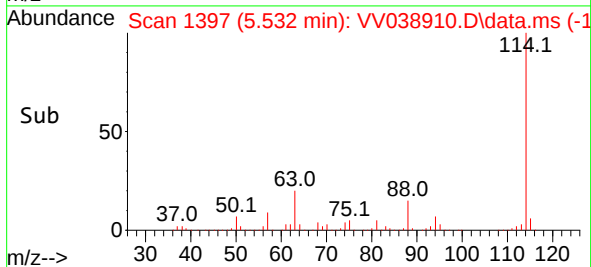
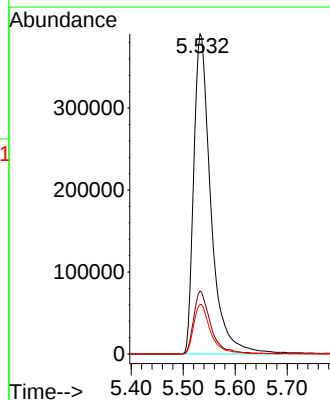
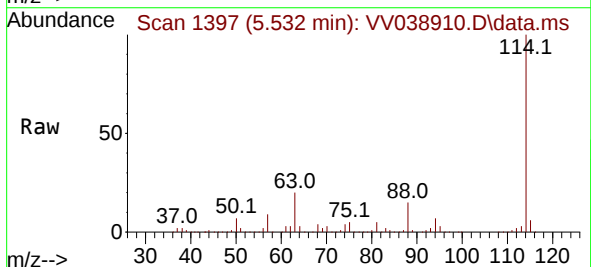
Tgt Ion:114 Resp: 893563

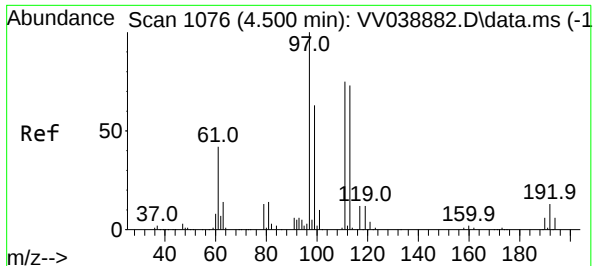
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.689 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038910.D

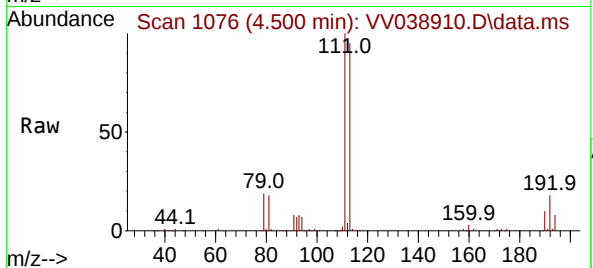
Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

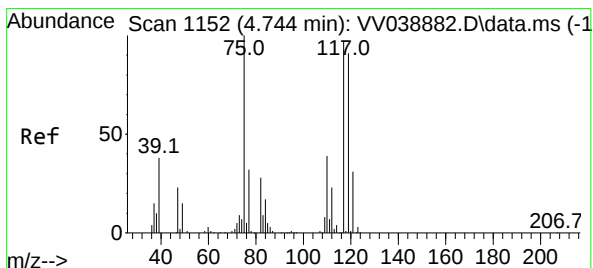
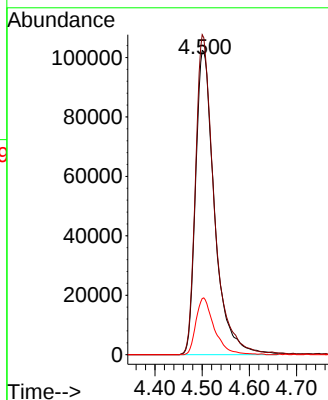
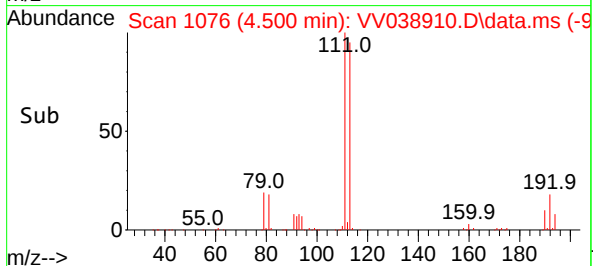


Tgt Ion:	113	Resp:	28444
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.3	124.9
192	18.1	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36

1,1-Dichloropropene

Concen: 0.560 ug/l m

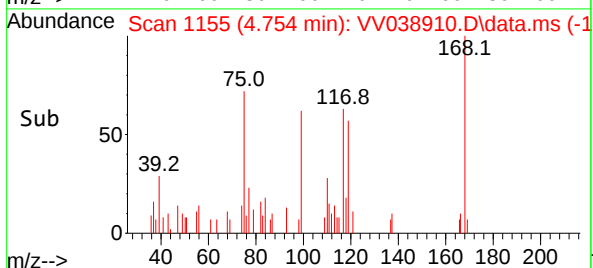
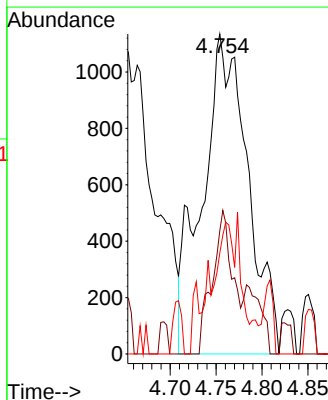
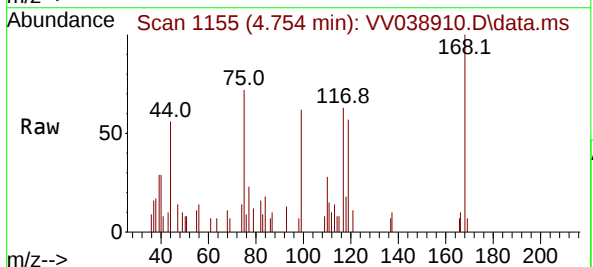
RT: 4.754 min Scan# 1155

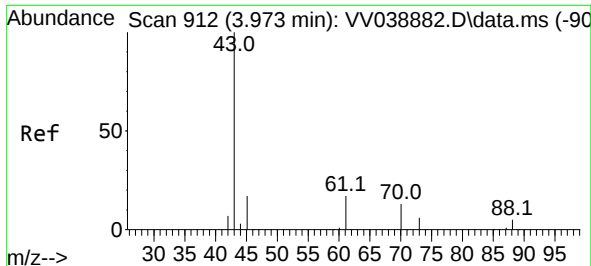
Delta R.T. 0.010 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:	75	Resp:	3923
Ion Ratio	Lower	Upper	
75	100		
110	111.4	18.8	56.3#
77	1.2	24.2	36.4#





#37

Ethyl Acetate

Concen: 0.434 ug/l m

RT: 3.979 min Scan# 912

Delta R.T. 0.007 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

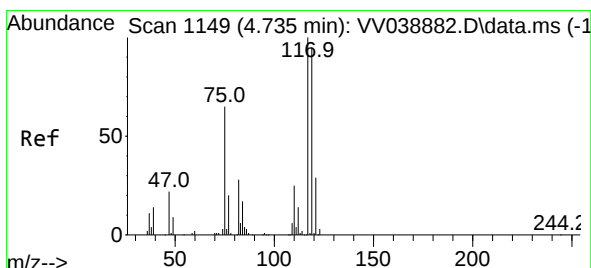
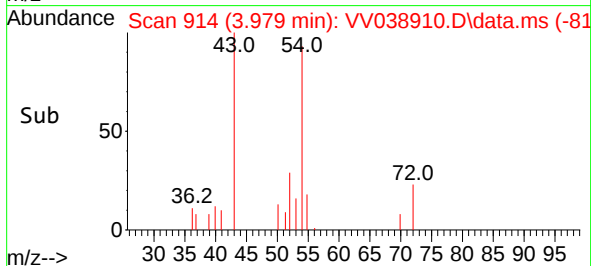
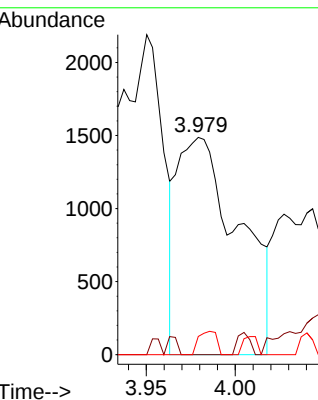
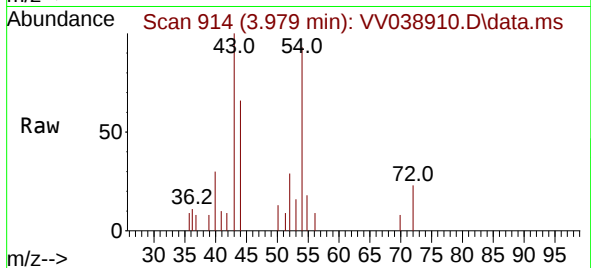
Tgt Ion: 43 Resp: 3578

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7
70	0.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#38

Carbon Tetrachloride

Concen: 0.414 ug/l m

RT: 4.732 min Scan# 1148

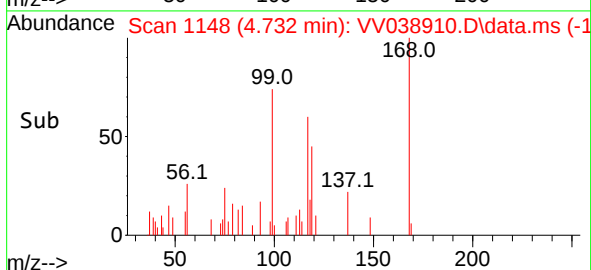
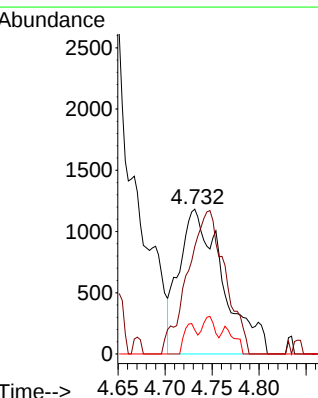
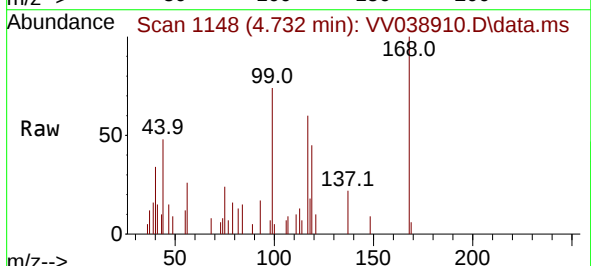
Delta R.T. -0.003 min

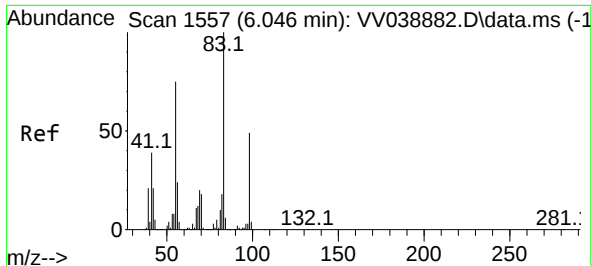
Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:117 Resp: 3854

Ion	Ratio	Lower	Upper
117	100		
119	74.2	76.0	114.0#
121	16.7	23.1	34.7#





#39

Methylcyclohexane

Concen: 0.527 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

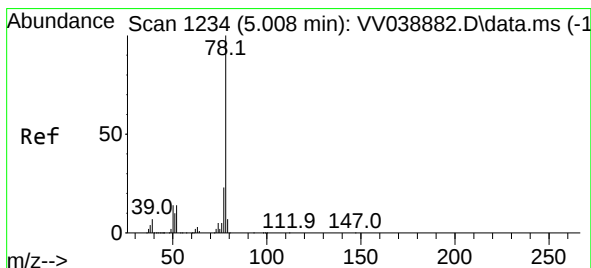
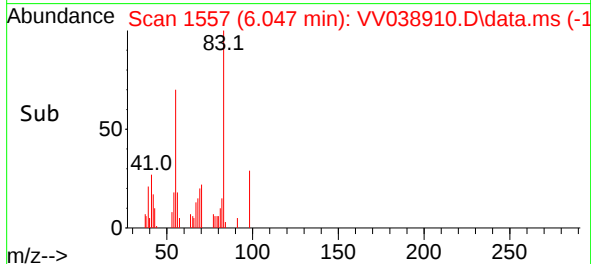
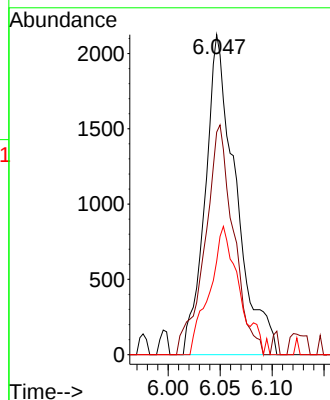
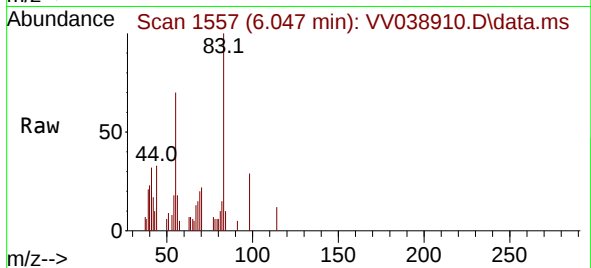
MDL03

Tgt Ion:	83	Resp:	435
Ion	Ratio	Lower	Upper
83	100		
55	69.6	60.0	90.0
98	29.2	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Benzene

Concen: 0.441 ug/l

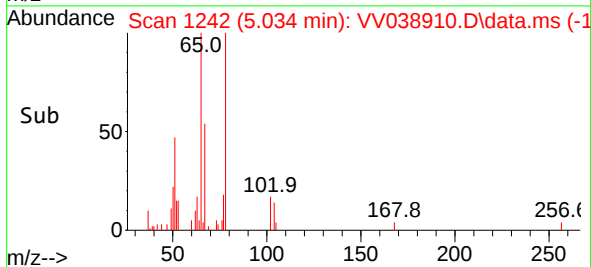
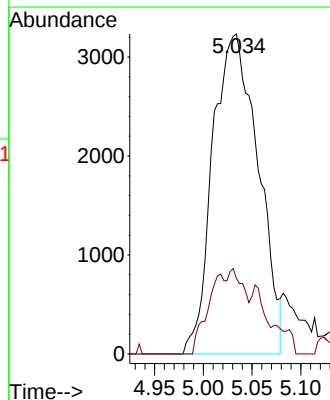
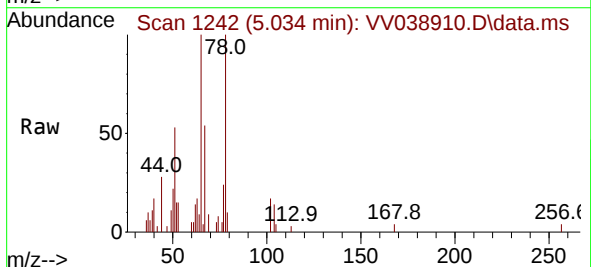
RT: 5.034 min Scan# 1242

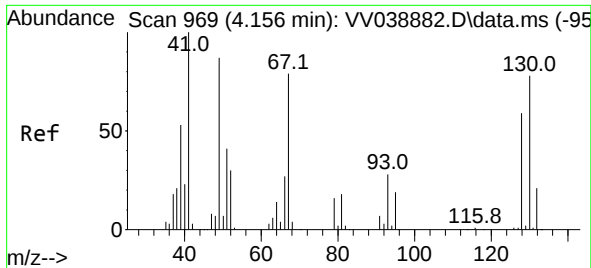
Delta R.T. 0.026 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

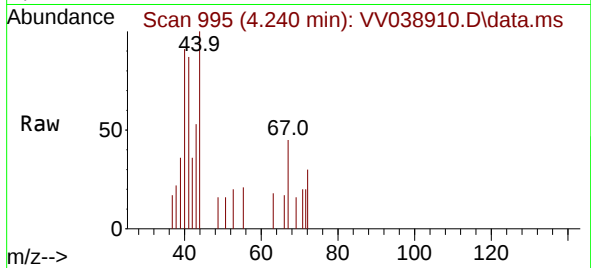
Tgt Ion:	78	Resp:	10474
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





#41
Methacrylonitrile
Concen: 0.376 ug/l m
RT: 4.240 min Scan# 995
Delta R.T. 0.084 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

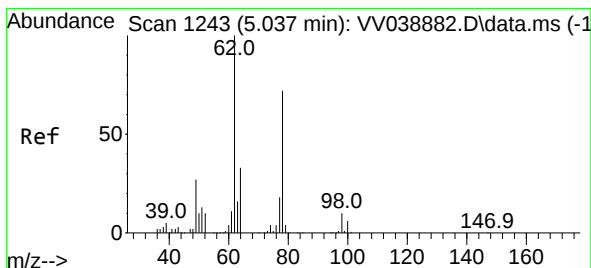
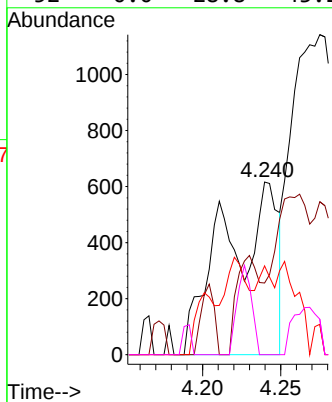
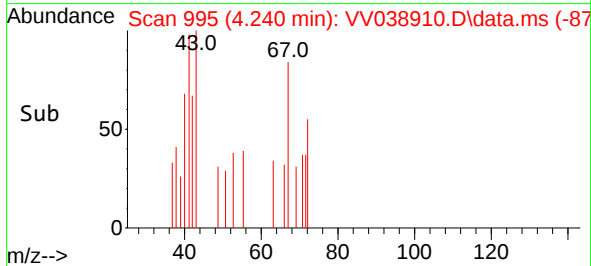
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 41 Resp: 142
Ion Ratio Lower Upper
41 100
39 0.0 42.0 63.0
67 0.0 76.2 114.2
52 0.0 28.8 43.2

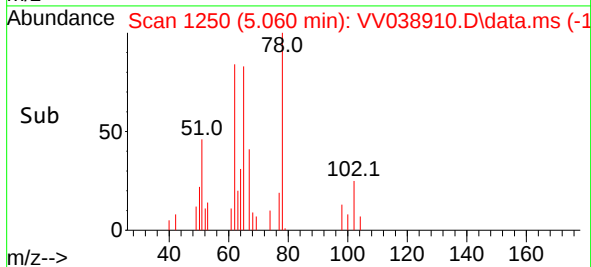
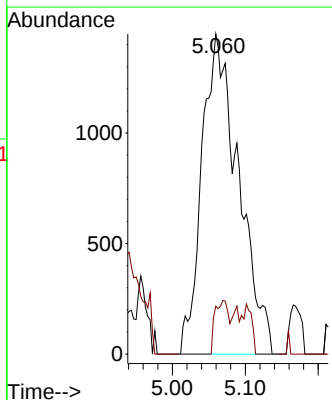
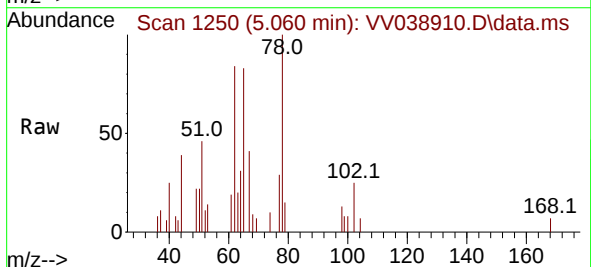
Manual Integrations
APPROVED

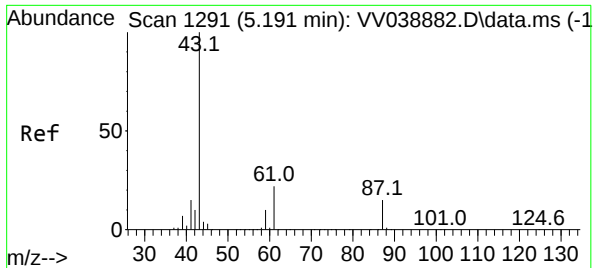
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1,2-Dichloroethane
Concen: 0.559 ug/l m
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

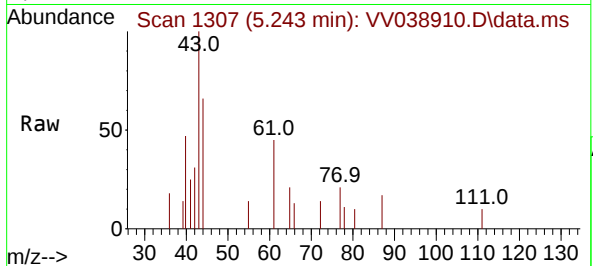
Tgt Ion: 62 Resp: 5054
Ion Ratio Lower Upper
62 100
98 6.2 0.0 18.8





#43
Isopropyl Acetate
Concen: 0.601 ug/l m
RT: 5.243 min Scan# 11
Delta R.T. 0.052 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

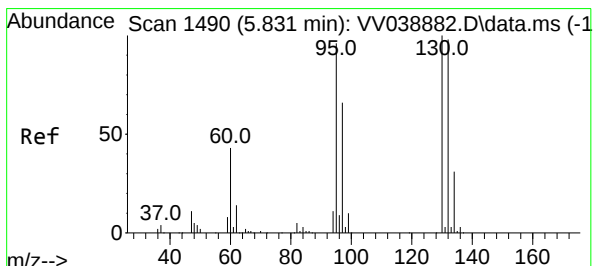
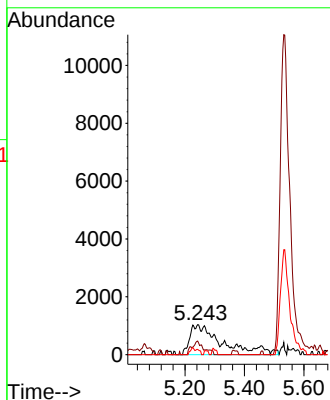
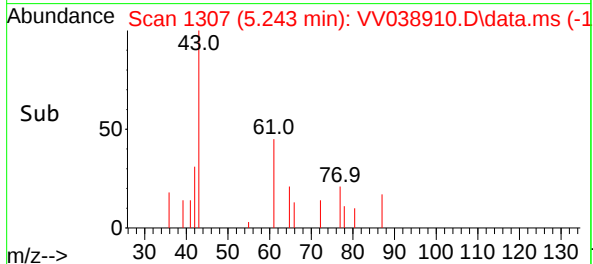
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 43 Resp: 7834
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7
87 0.0 12.2 18.4

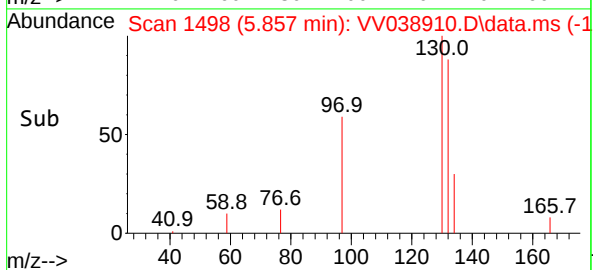
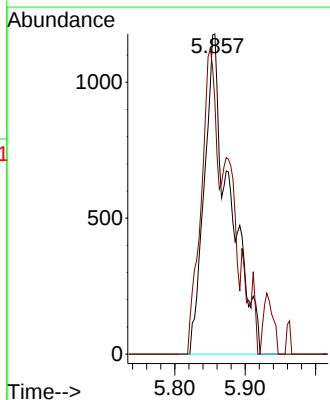
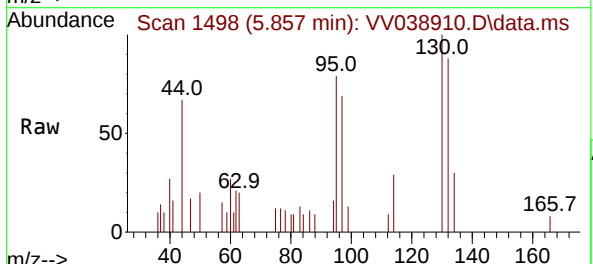
Manual Integrations
APPROVED

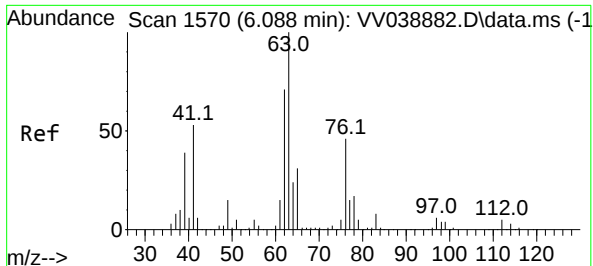
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#44
Trichloroethene
Concen: 0.475 ug/l m
RT: 5.857 min Scan# 1498
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:130 Resp: 2945
Ion Ratio Lower Upper
130 100
95 79.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.497 ug/l m

RT: 6.111 min Scan# 1577

Delta R.T. 0.023 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 63 Resp: 311

Ion Ratio Lower Upper

63 100

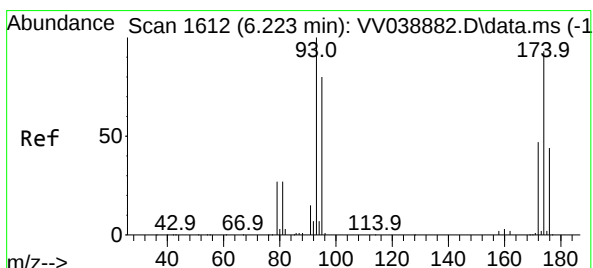
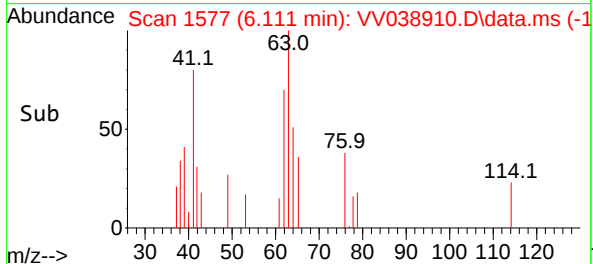
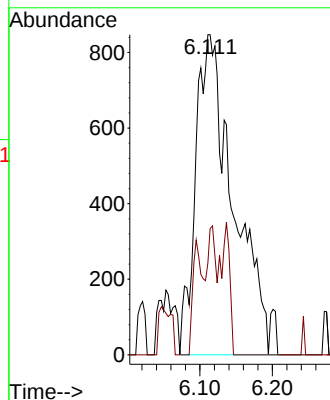
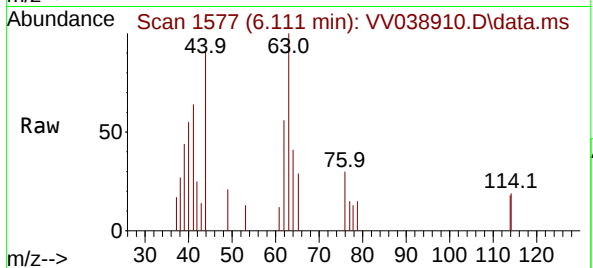
65 28.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#46

Dibromomethane

Concen: 0.439 ug/l m

RT: 6.252 min Scan# 1621

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

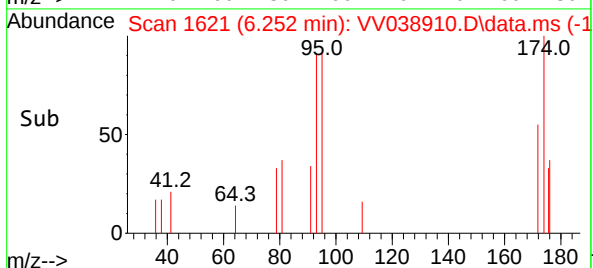
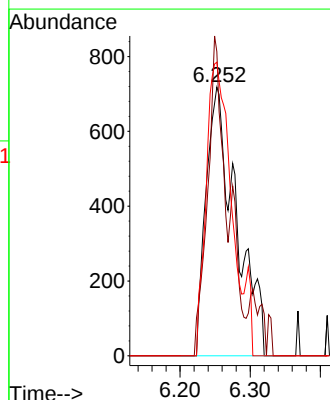
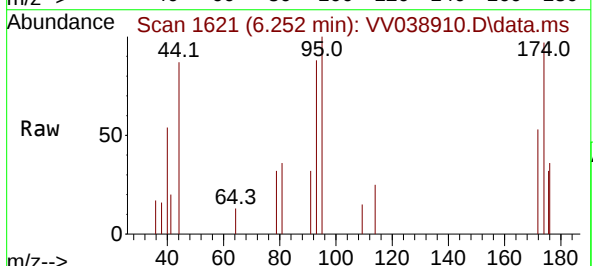
Tgt Ion: 93 Resp: 2130

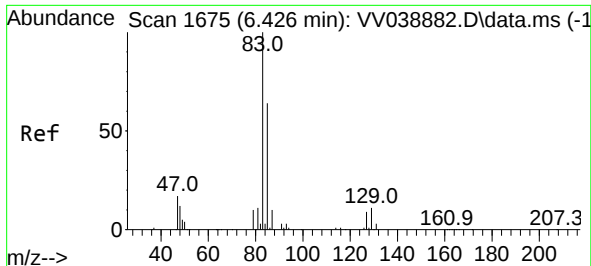
Ion Ratio Lower Upper

93 100

95 61.7 66.2 99.4#

174 87.3 75.3 112.9





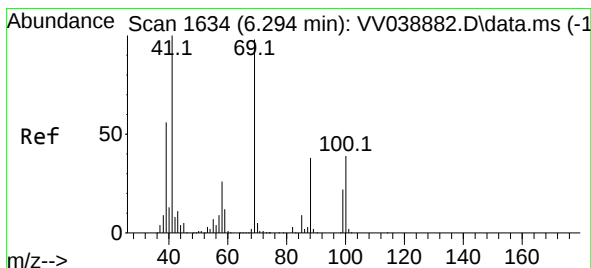
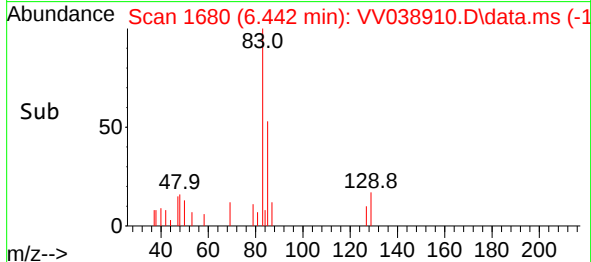
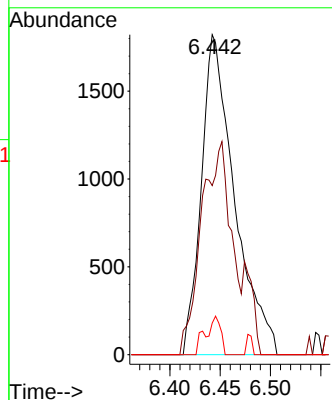
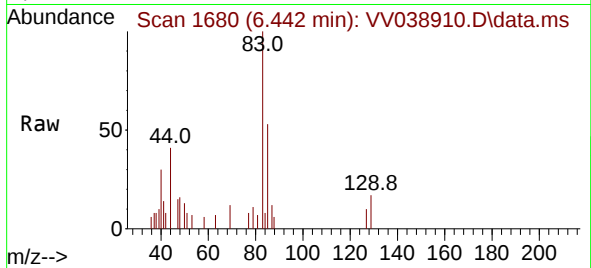
#47
Bromodichloromethane
Concen: 0.406 ug/l
RT: 6.442 min Scan# 1675
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 83 Resp: 4178
Ion Ratio Lower Upper
83 100
85 52.9 51.4 77.0
127 9.8 6.9 10.3

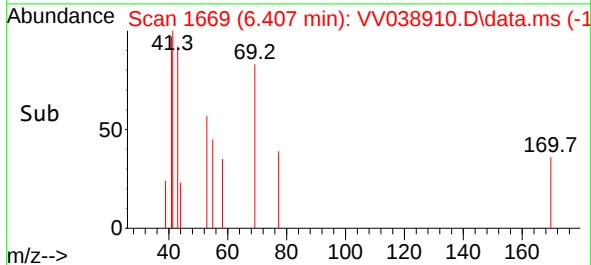
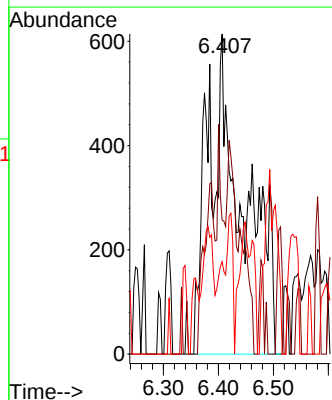
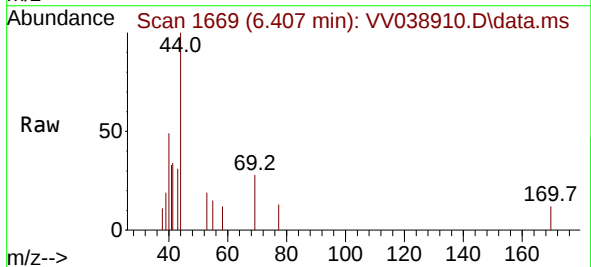
Manual Integrations
APPROVED

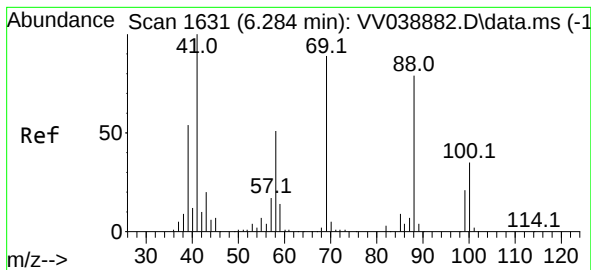
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Methyl methacrylate
Concen: 0.478 ug/l m
RT: 6.407 min Scan# 1669
Delta R.T. 0.113 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

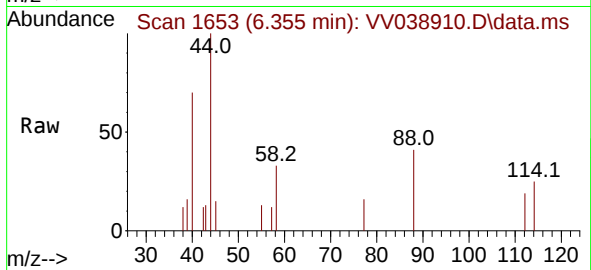
Tgt Ion: 41 Resp: 2702
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 0.8 44.0 66.0#





#49
1,4-Dioxane
Concen: 10.401 ug/l m
RT: 6.355 min Scan# 1653
Delta R.T. 0.071 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

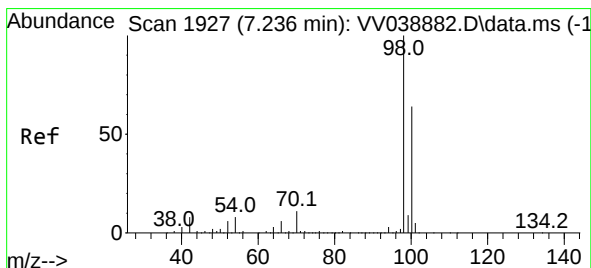
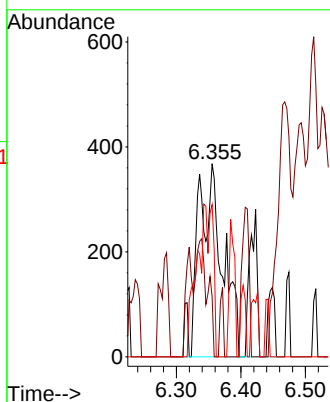
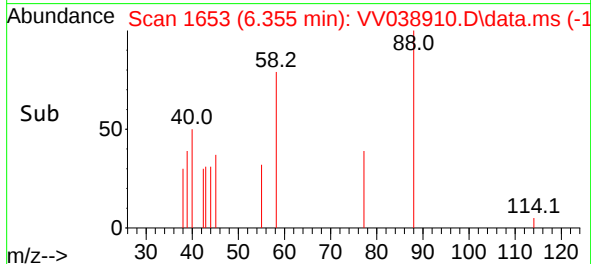
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 11.8 23.0 34.4
58 0.0 53.8 80.6

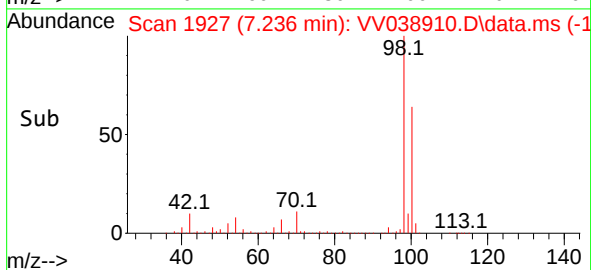
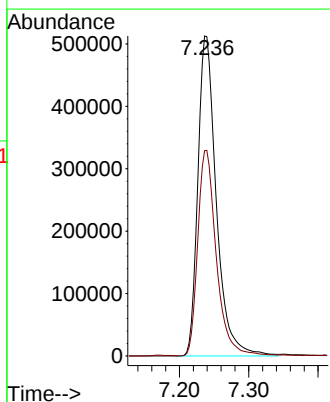
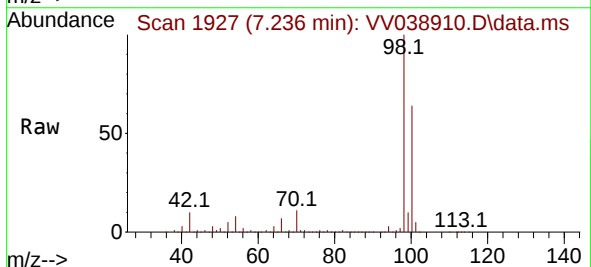
Manual Integrations
APPROVED

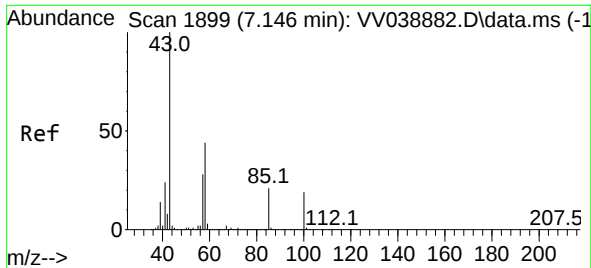
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
Toluene-d8
Concen: 51.561 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 98 Resp: 949516
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3





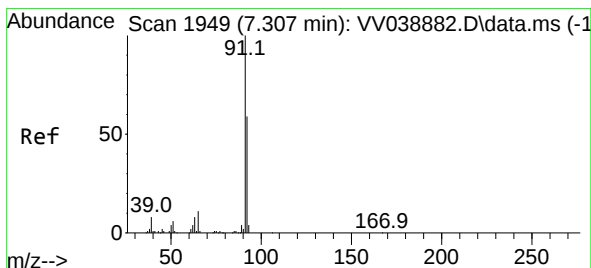
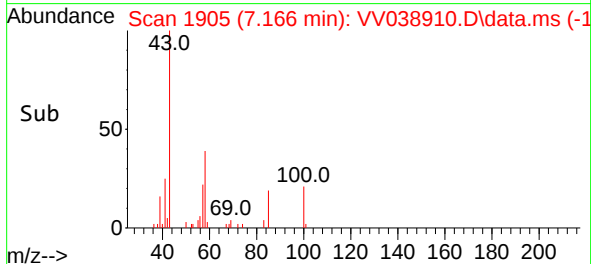
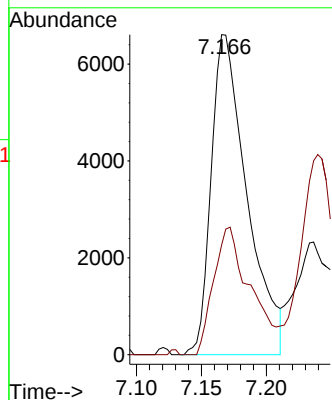
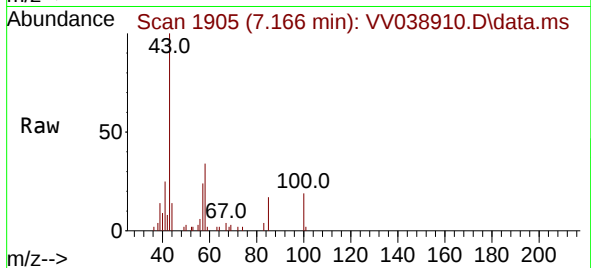
#51
4-Methyl-2-Pentanone
Concen: 1.424 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument : MSVOA_V
ClientSampleId : MDL03

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 40.6 34.5 51.7

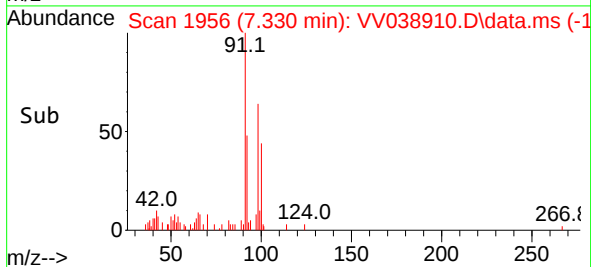
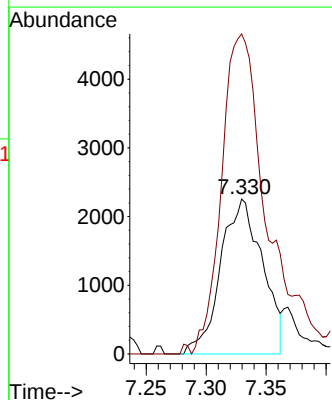
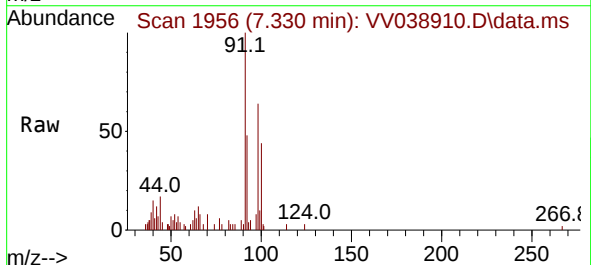
Manual Integrations
APPROVED

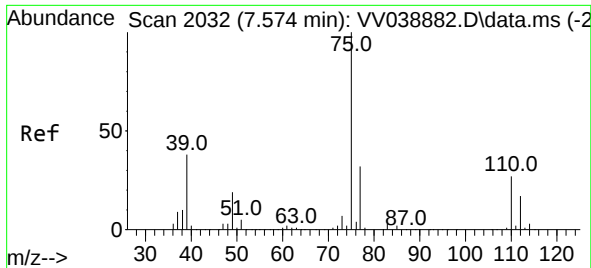
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#52
Toluene
Concen: 0.366 ug/l
RT: 7.330 min Scan# 1956
Delta R.T. 0.023 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 92 Resp: 5475
Ion Ratio Lower Upper
92 100
91 223.5 137.1 205.7#





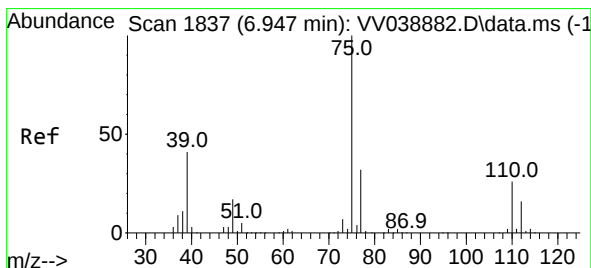
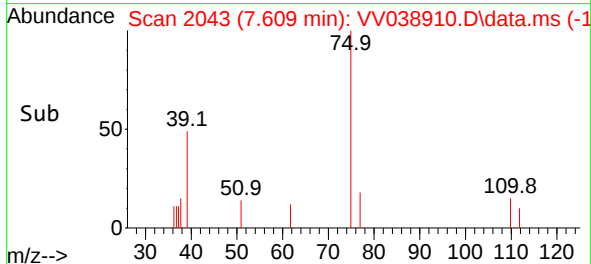
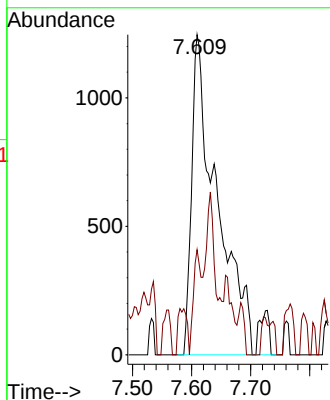
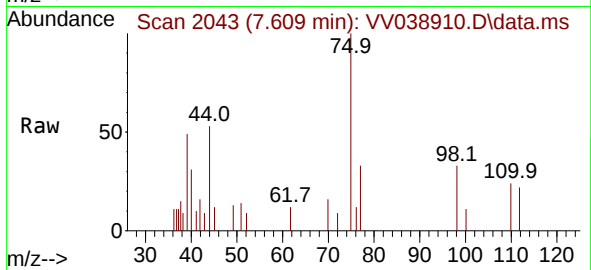
#53
t-1,3-Dichloropropene
Concen: 0.416 ug/l m
RT: 7.609 min Scan# 2032
Delta R.T. 0.035 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 75 Resp: 3880
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0

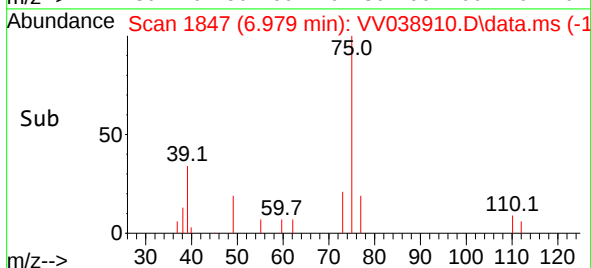
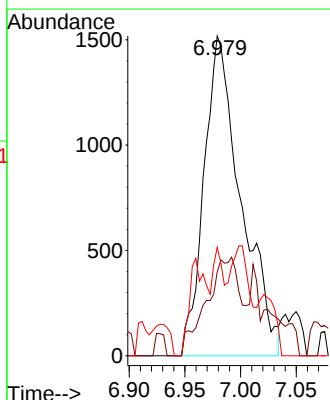
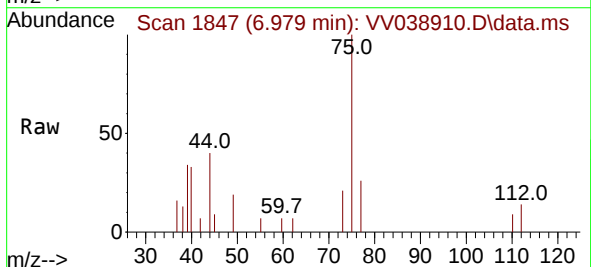
Manual Integrations
APPROVED

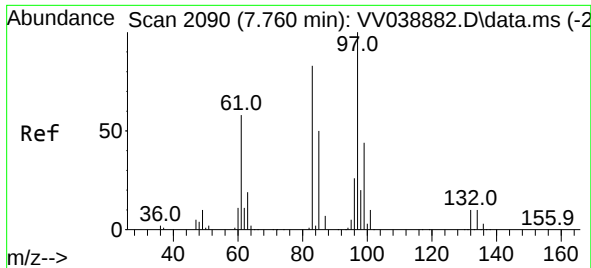
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
cis-1,3-Dichloropropene
Concen: 0.349 ug/l
RT: 6.979 min Scan# 1847
Delta R.T. 0.032 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

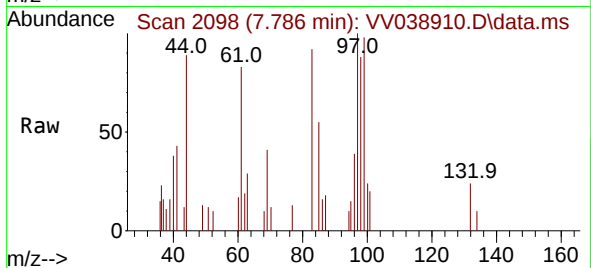
Tgt Ion: 75 Resp: 3517
Ion Ratio Lower Upper
75 100
77 26.3 25.5 38.3
39 33.9 33.1 49.7





#55
1,1,2-Trichloroethane
Concen: 0.396 ug/l m
RT: 7.786 min Scan# 2090
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

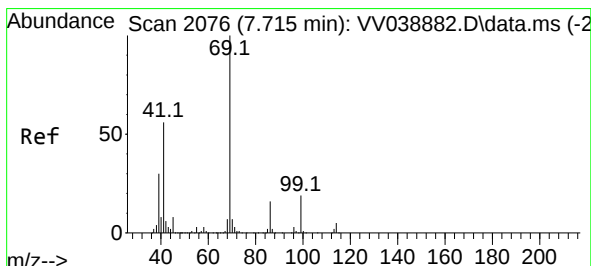
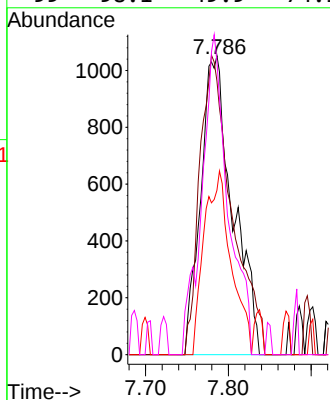
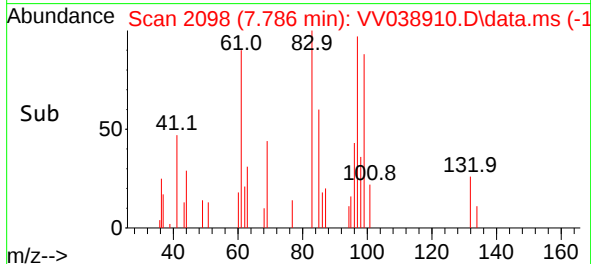
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.6	66.2	99.4
85	54.9	41.4	62.2
99	98.1	49.9	74.9

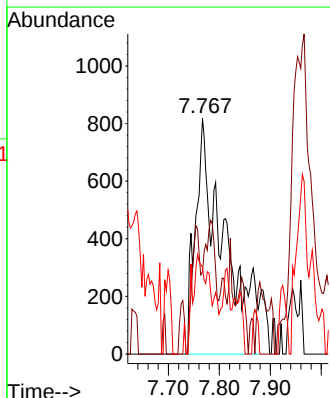
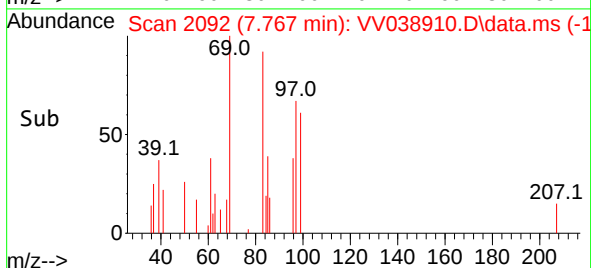
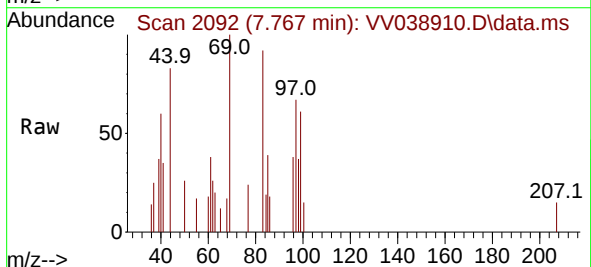
Manual Integrations
APPROVED

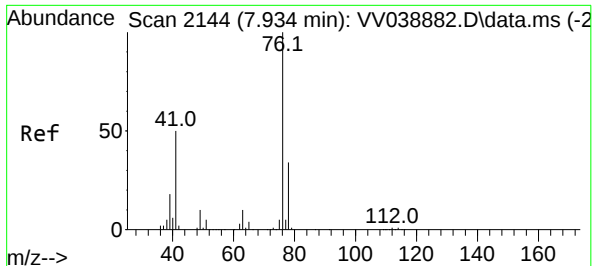
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#56
Ethyl methacrylate
Concen: 0.403 ug/l m
RT: 7.767 min Scan# 2092
Delta R.T. 0.052 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	3.3	45.7	68.5
39	3.3	23.8	35.8





#57

1,3-Dichloropropane

Concen: 0.376 ug/l

RT: 7.963 min Scan# 2144

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 76 Resp: 4028

Ion Ratio Lower Upper

76 100

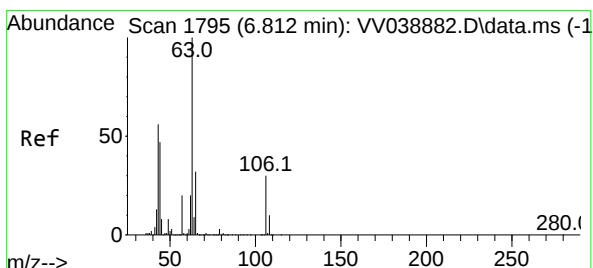
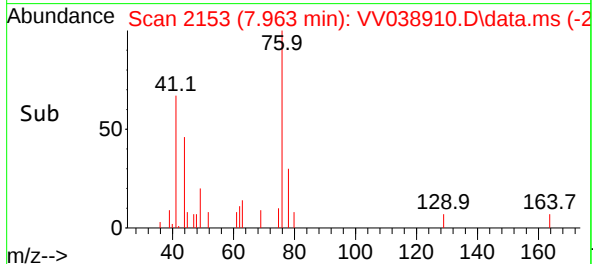
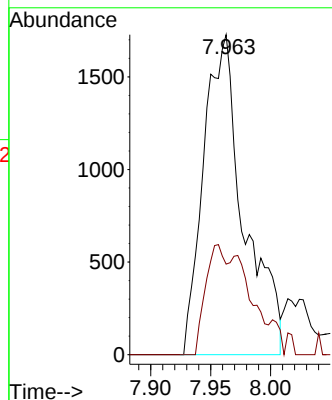
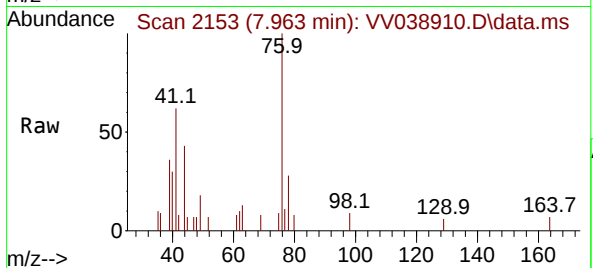
78 17.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.512 ug/l m

RT: 6.863 min Scan# 1811

Delta R.T. 0.051 min

Lab File: VV038910.D

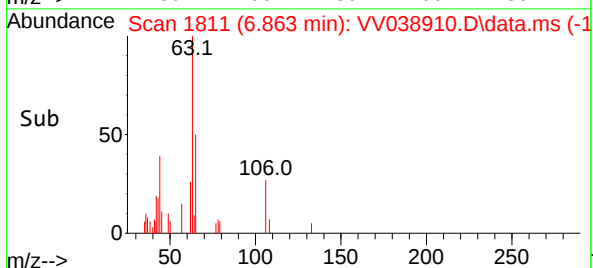
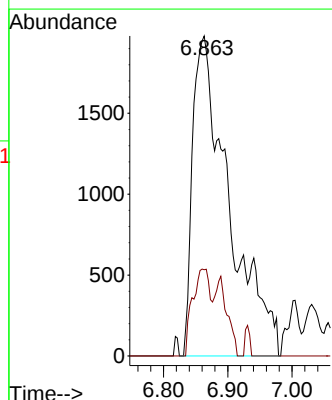
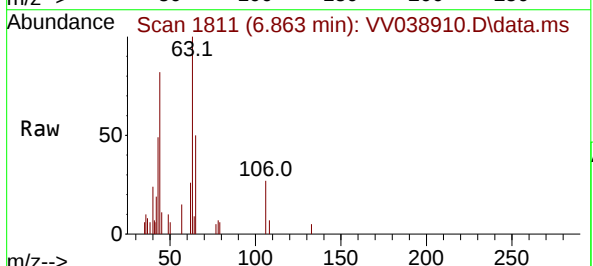
Acq: 16 Jul 2025 16:03

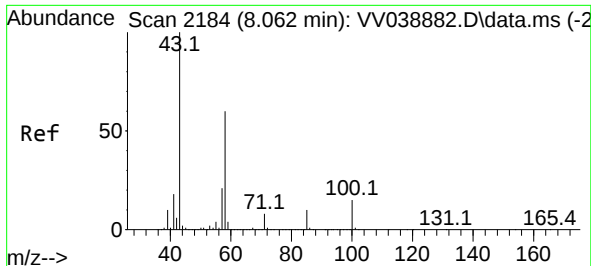
Tgt Ion: 63 Resp: 7750

Ion Ratio Lower Upper

63 100

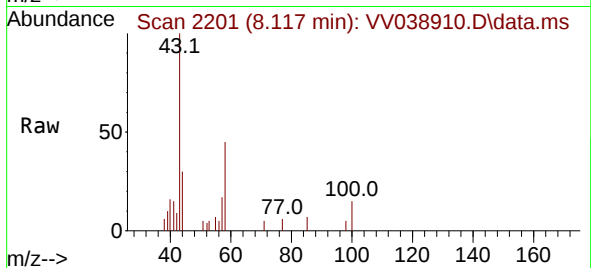
106 13.4 24.1 36.1





#59
2-Hexanone
Concen: 1.448 ug/l m
RT: 8.117 min Scan# 2184
Delta R.T. 0.055 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

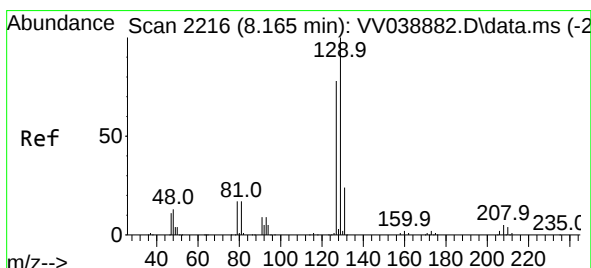
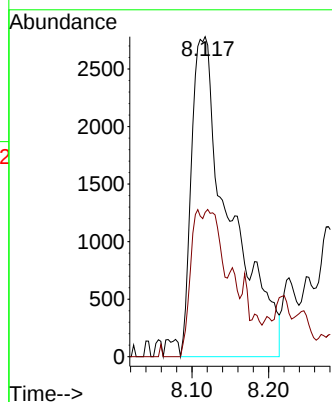
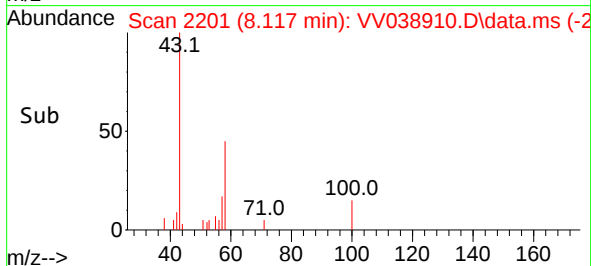
Instrument :
MSVOA_V
ClientSampleId :
MDL03



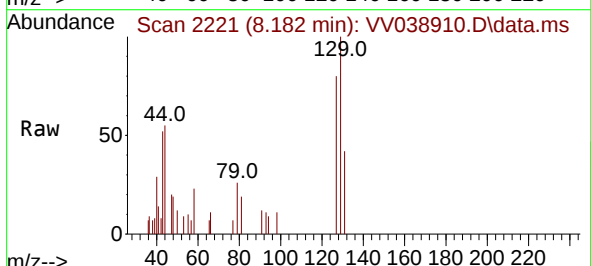
Tgt Ion: 43 Resp: 9570
Ion Ratio Lower Upper
43 100
58 2.1 29.6 88.8

Manual Integrations
APPROVED

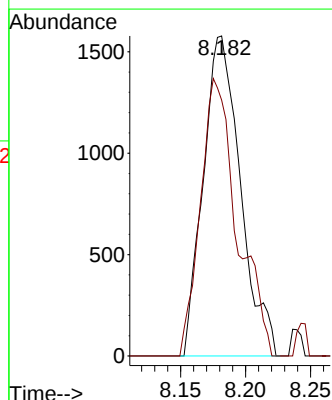
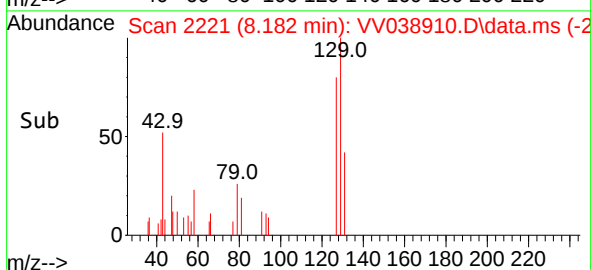
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

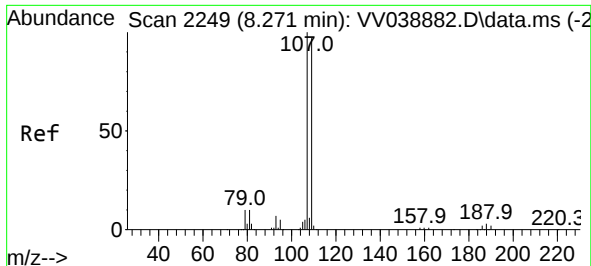


#60
Dibromochloromethane
Concen: 0.373 ug/l
RT: 8.182 min Scan# 2221
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03



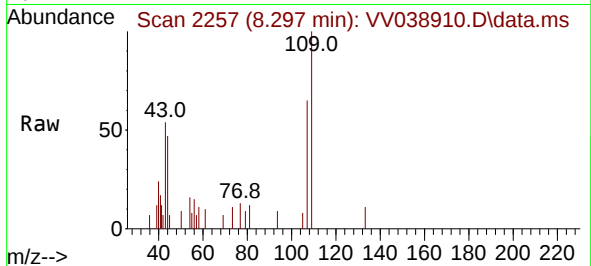
Tgt Ion:129 Resp: 3142
Ion Ratio Lower Upper
129 100
127 85.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 0.340 ug/l
RT: 8.297 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

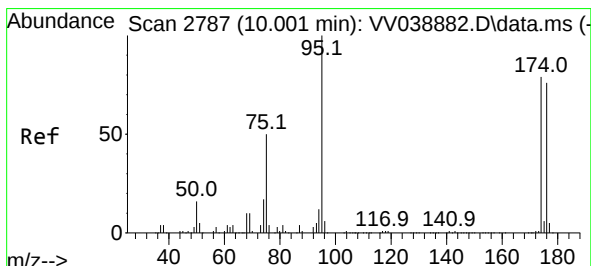
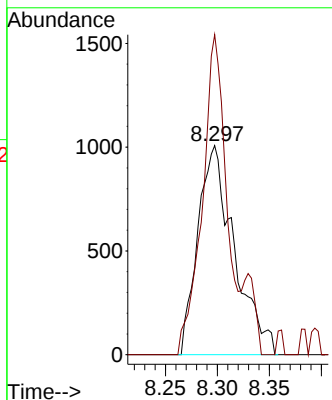
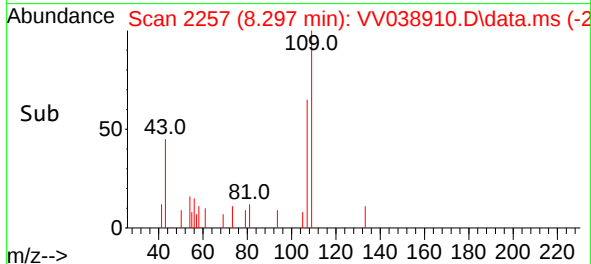
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion:107 Resp: 2450
Ion Ratio Lower Upper
107 100
109 99.2 77.1 115.7

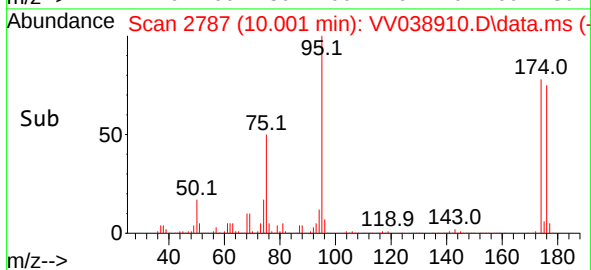
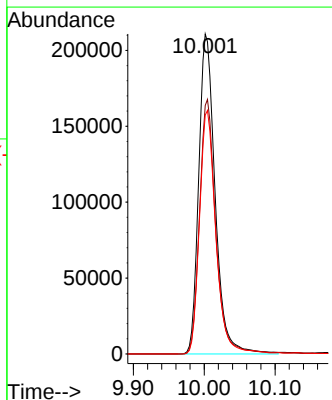
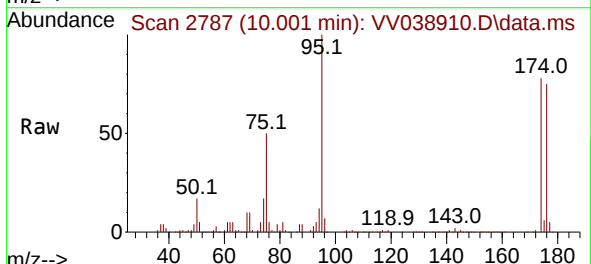
Manual Integrations
APPROVED

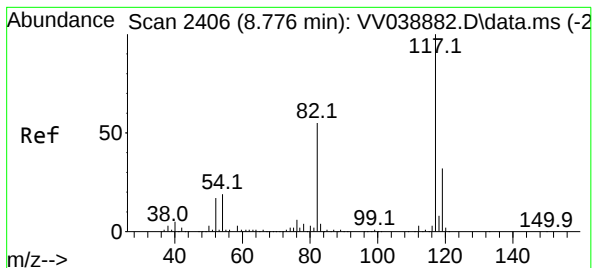
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 45.760 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 95 Resp: 339464
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 75.7 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

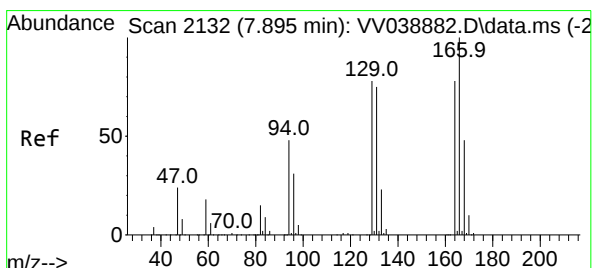
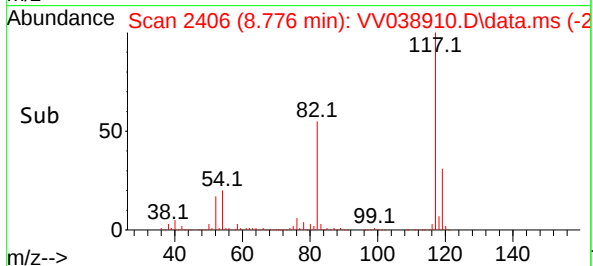
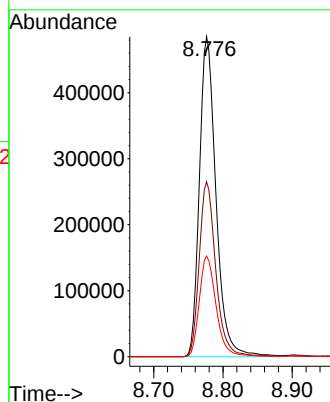
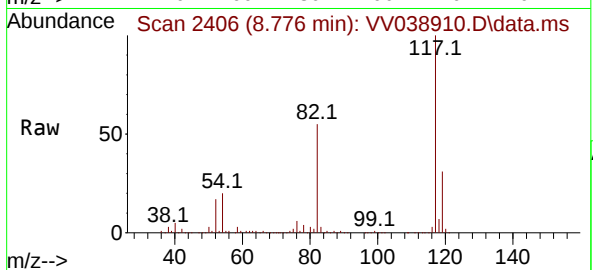
Tgt Ion:117 Resp: 808974

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.7	65.5
119	31.5	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64

Tetrachloroethene

Concen: 0.502 ug/l

RT: 7.908 min Scan# 2136

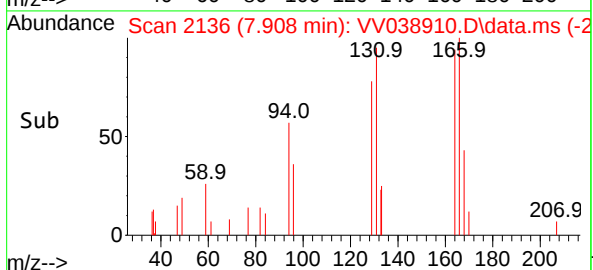
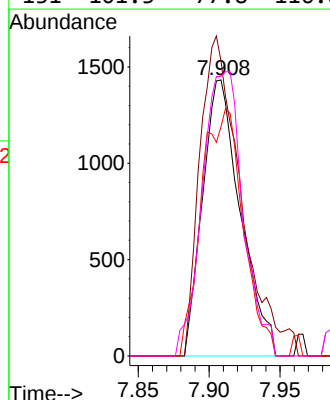
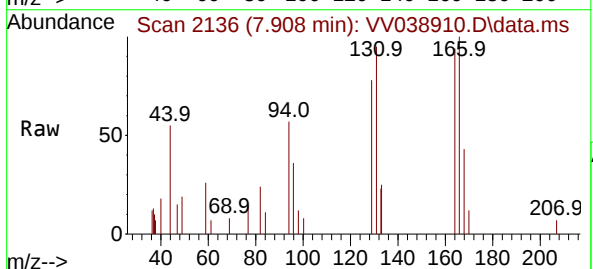
Delta R.T. 0.013 min

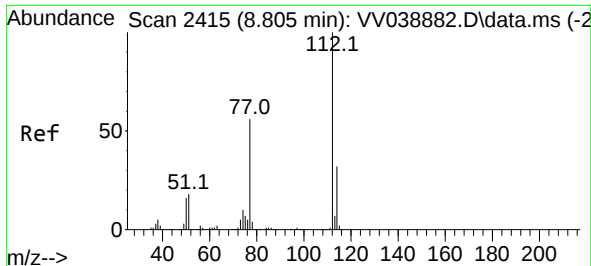
Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:164 Resp: 2664

Ion	Ratio	Lower	Upper
164	100		
166	106.8	103.2	154.8
129	83.0	81.0	121.4
131	101.3	77.8	116.8





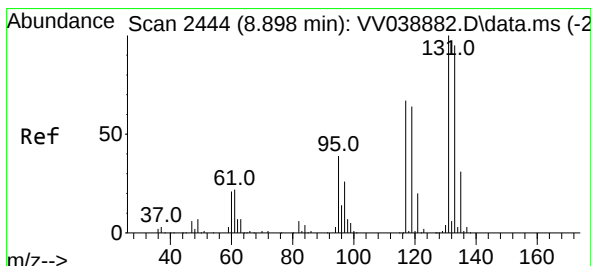
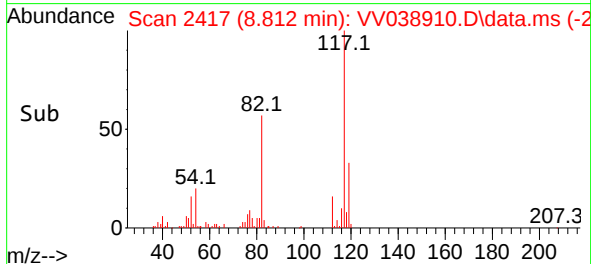
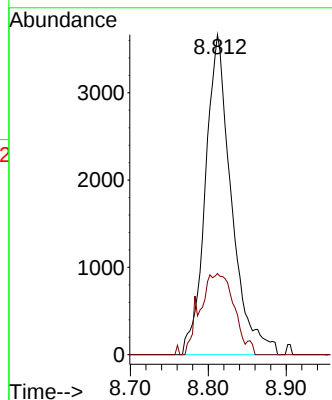
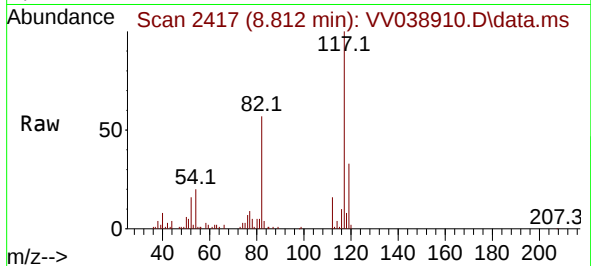
#65
Chlorobenzene
Concen: 0.482 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:112 Resp: 852
Ion Ratio Lower Upper
112 100
114 25.3 25.3 37.9

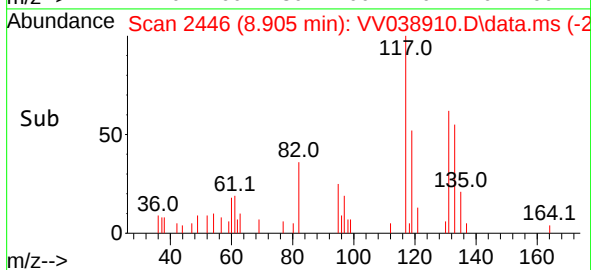
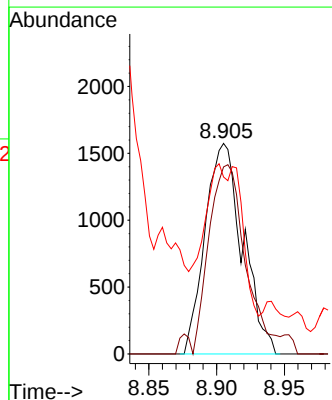
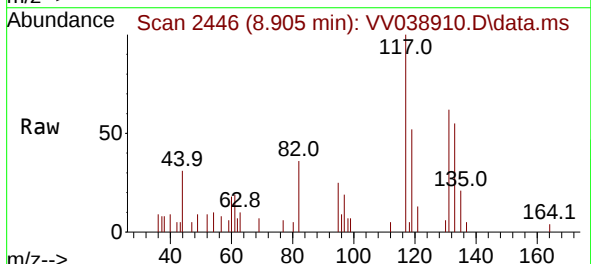
Manual Integrations
APPROVED

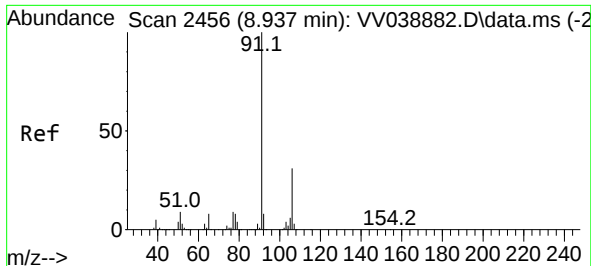
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:131 Resp: 3040
Ion Ratio Lower Upper
131 100
133 90.1 47.6 142.9
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 0.348 ug/l

RT: 8.953 min Scan# 2456

Delta R.T. 0.016 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 91 Resp: 9144

Ion Ratio Lower Upper

91 100

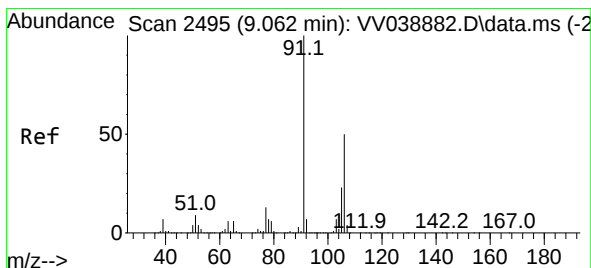
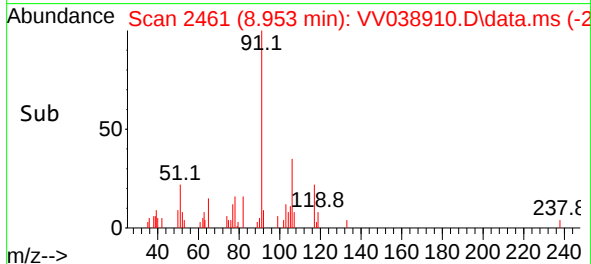
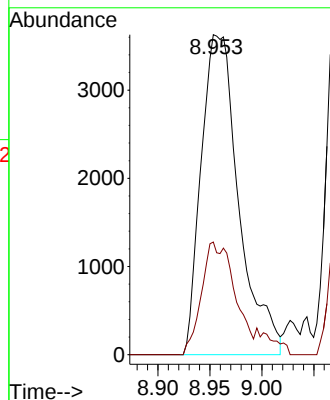
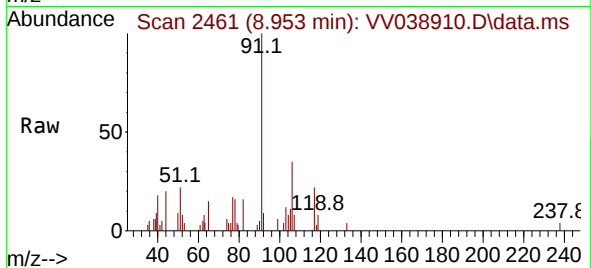
106 35.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#68

m/p-Xylenes

Concen: 0.685 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038910.D

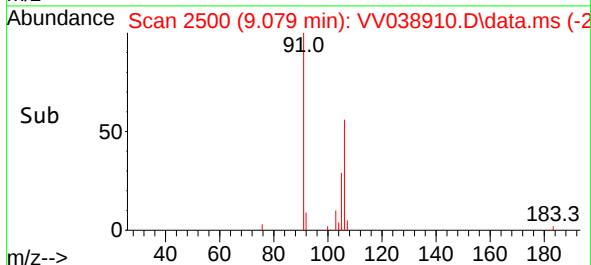
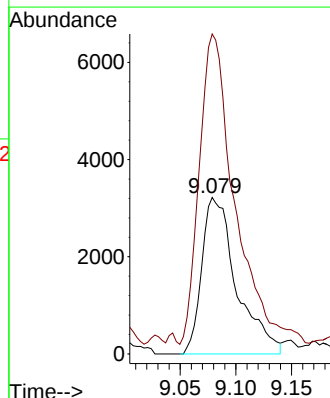
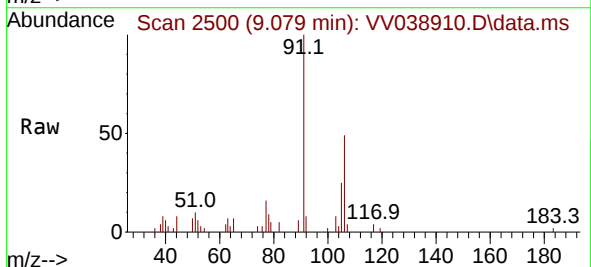
Acq: 16 Jul 2025 16:03

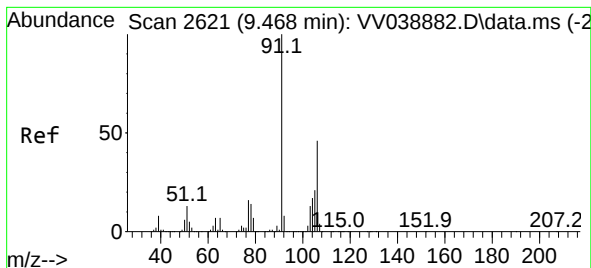
Tgt Ion:106 Resp: 6998

Ion Ratio Lower Upper

106 100

91 203.0 161.0 241.6





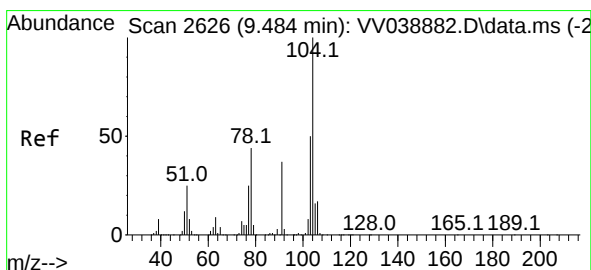
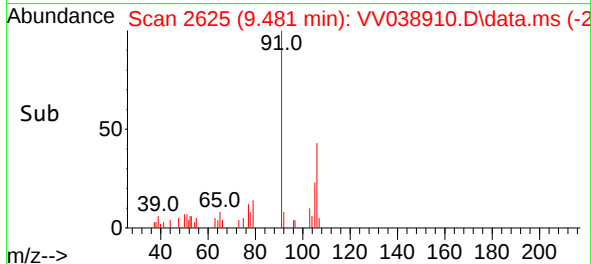
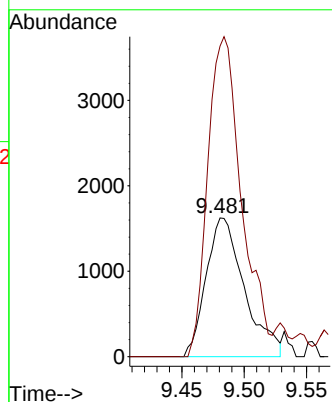
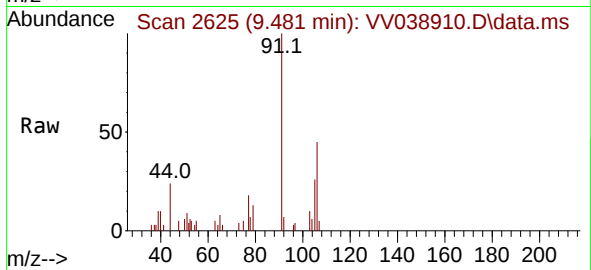
#69
o-Xylene
Concen: 0.360 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 3470
Ion Ratio Lower Upper
106 100
91 204.6 108.9 326.6

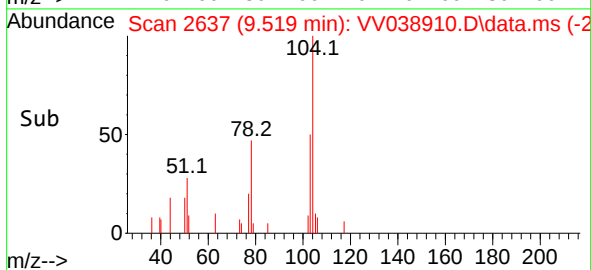
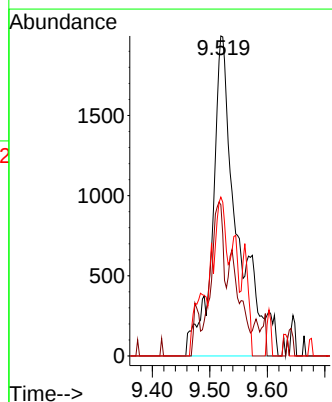
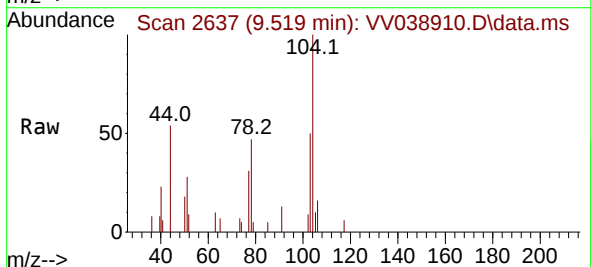
Manual Integrations
APPROVED

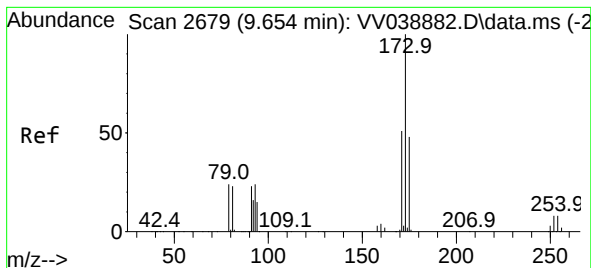
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#70
Styrene
Concen: 0.352 ug/l m
RT: 9.519 min Scan# 2637
Delta R.T. 0.036 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:104 Resp: 5996
Ion Ratio Lower Upper
104 100
78 3.8 39.9 59.9#
103 9.4 43.4 65.2#





#71

Bromoform

Concen: 0.413 ug/l

RT: 9.664 min Scan# 20

Delta R.T. 0.010 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

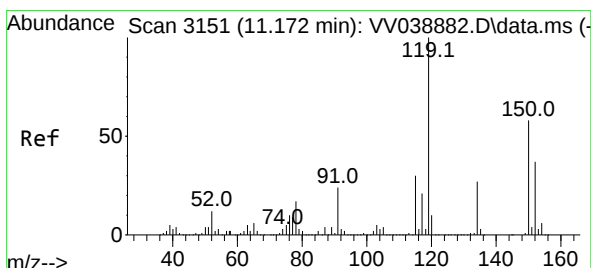
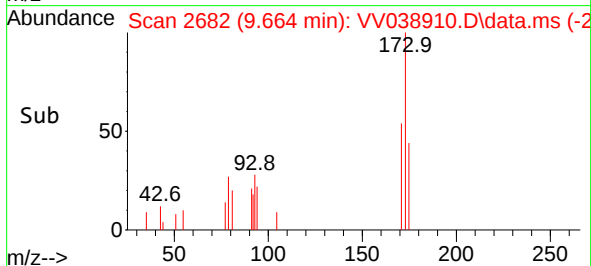
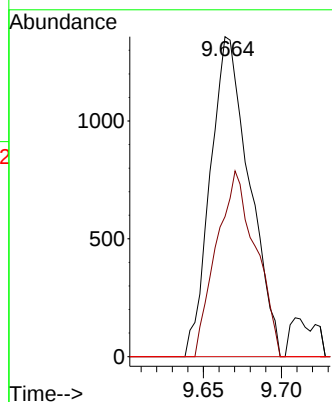
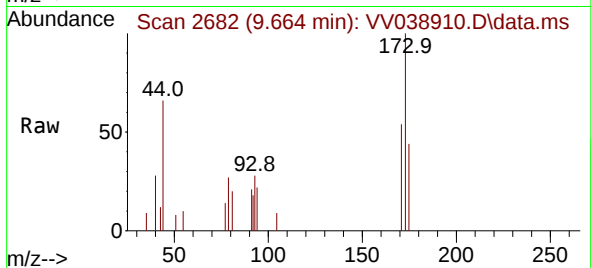
MDL03

Tgt Ion:	173	Resp:	236
Ion Ratio	Lower	Upper	
173	100		
175	58.4	23.5	70.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

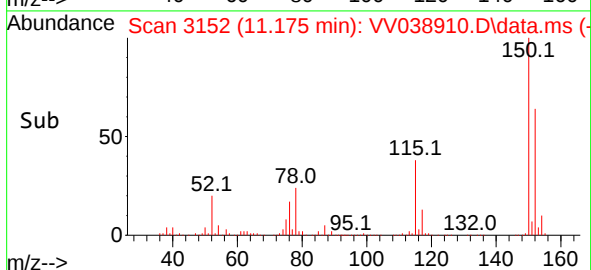
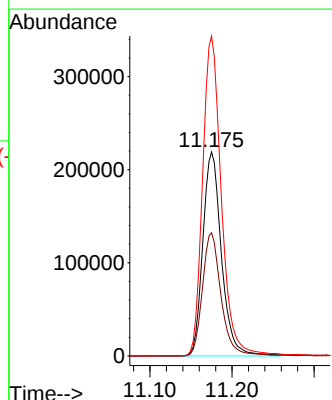
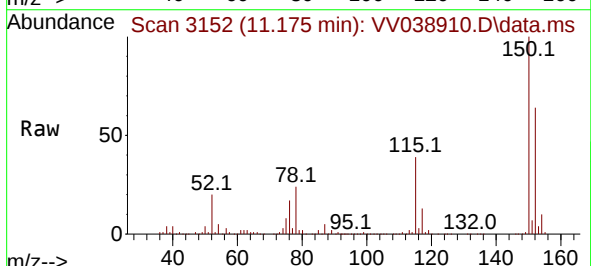
RT: 11.175 min Scan# 3152

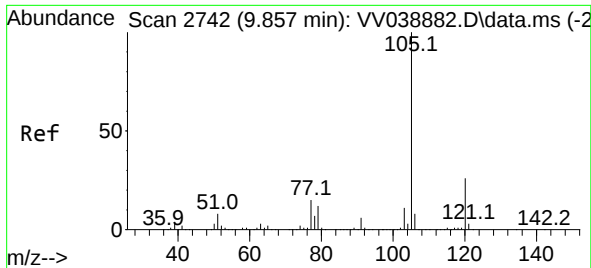
Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:	152	Resp:	345301
Ion Ratio	Lower	Upper	
152	100		
115	60.2	41.8	125.4
150	157.5	0.0	342.4





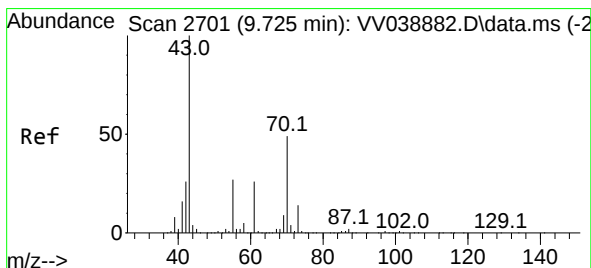
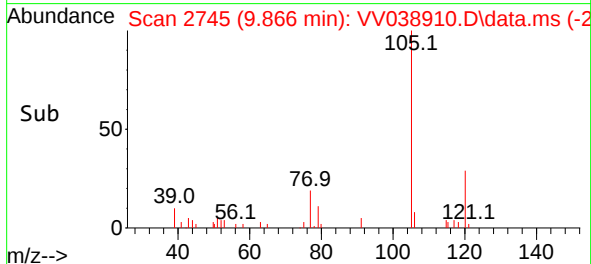
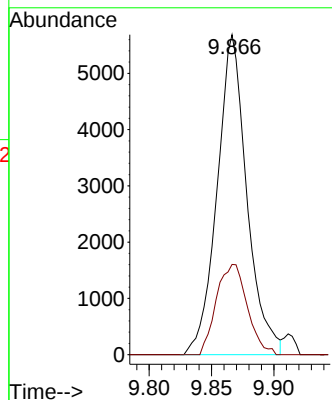
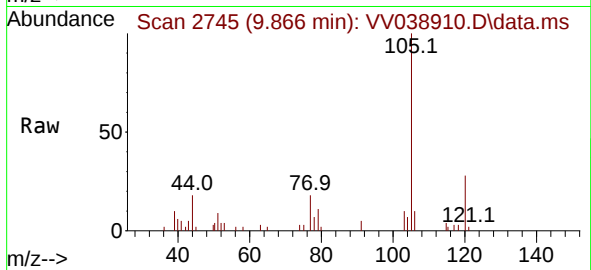
#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 9.866 min Scan# 2742
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:105 Resp: 9450
Ion Ratio Lower Upper
105 100
120 29.2 12.9 38.7

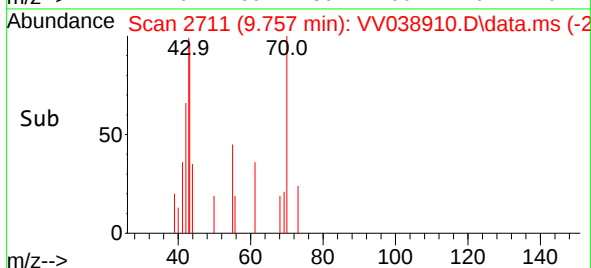
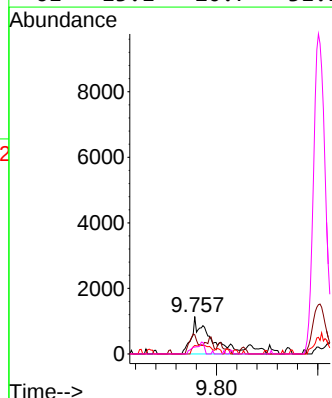
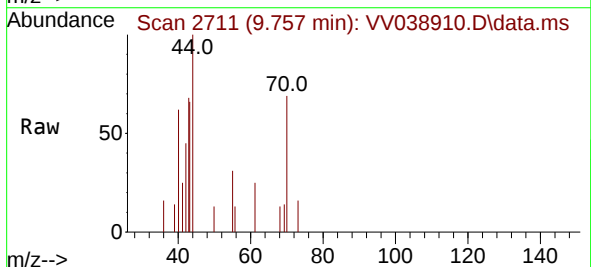
Manual Integrations
APPROVED

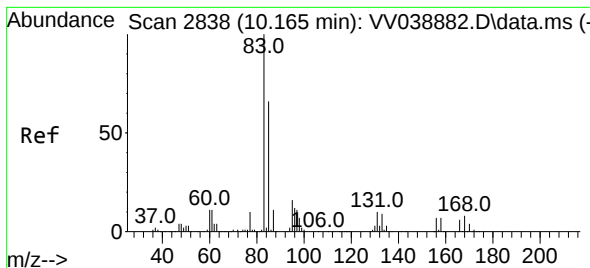
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
N-ethyl acetate
Concen: 0.468 ug/l m
RT: 9.757 min Scan# 2711
Delta R.T. 0.032 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 43 Resp: 3537
Ion Ratio Lower Upper
43 100
70 20.9 38.6 58.0#
55 17.9 21.8 32.8#
61 13.1 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.535 ug/l

RT: 10.175 min Scan# 2841

Delta R.T. 0.010 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

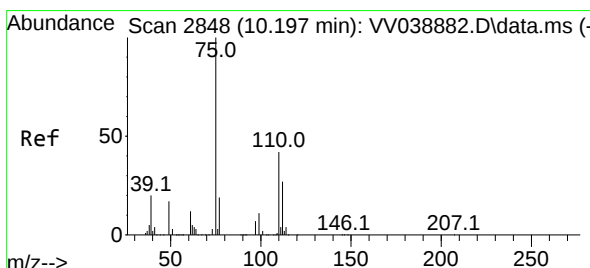
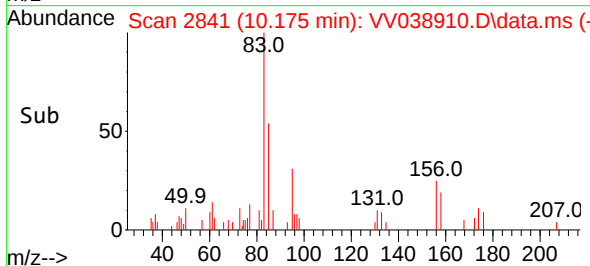
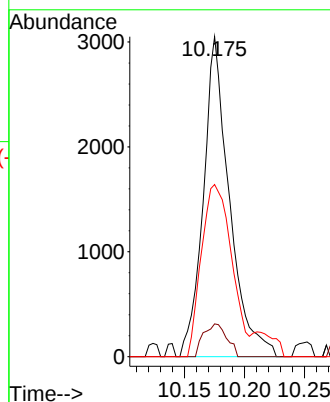
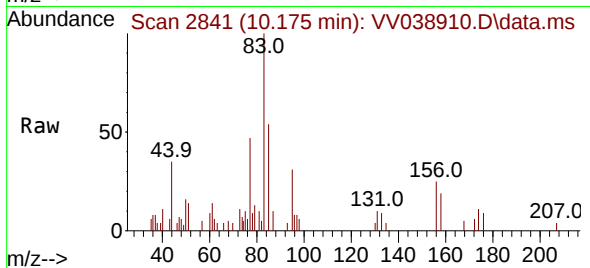
MDL03

Tgt Ion: 83	Resp: 4620
Ion Ratio	Lower Upper
83 100	
131 9.1	5.1 15.4
85 62.3	32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76

1,2,3-Trichloropropane

Concen: 0.609 ug/l m

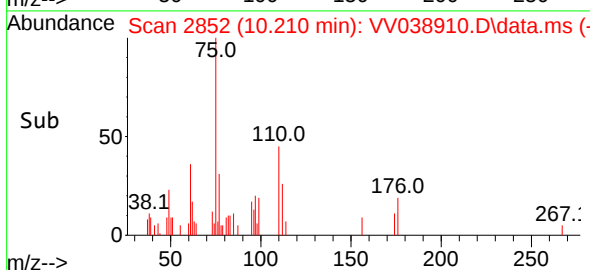
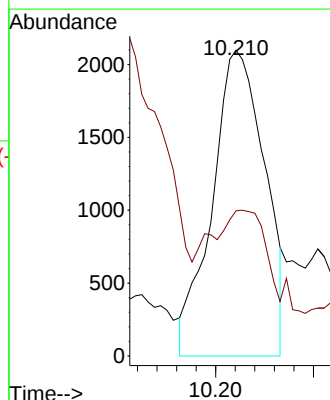
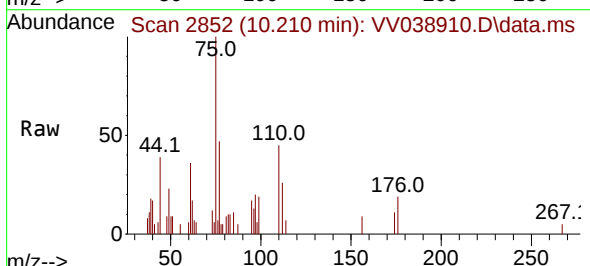
RT: 10.210 min Scan# 2852

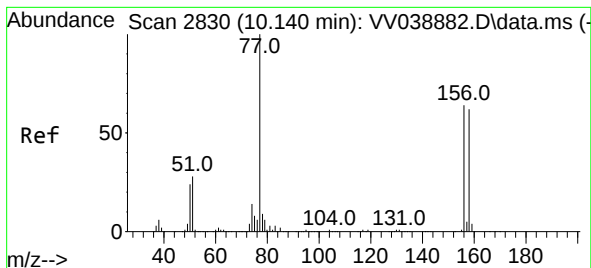
Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion: 75	Resp: 3909
Ion Ratio	Lower Upper
75 100	
77 47.5	17.4 52.3





#77

Bromobenzene

Concen: 0.509 ug/l

RT: 10.162 min Scan# 2837

Delta R.T. 0.023 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

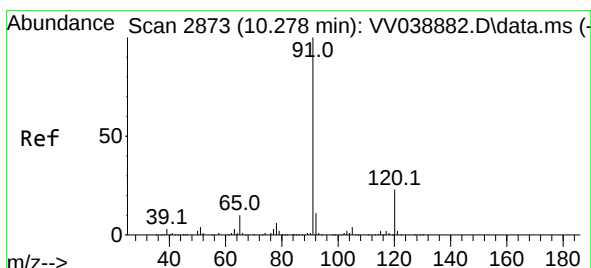
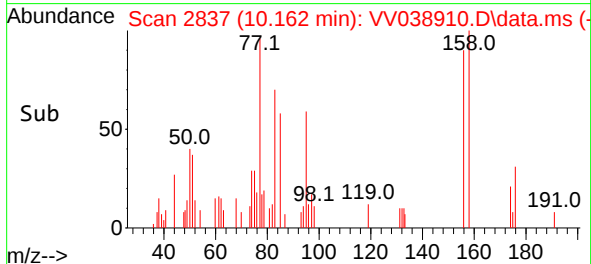
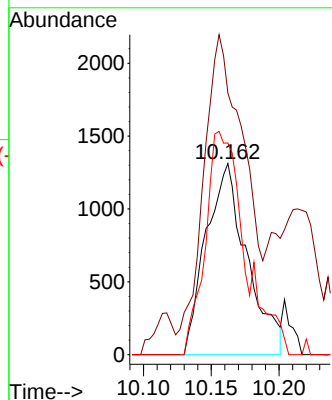
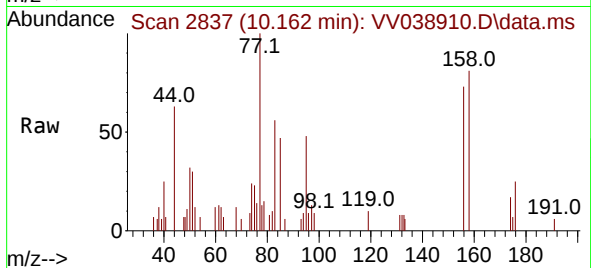
MDL03

Tgt Ion:	156	Resp:	2754
Ion Ratio	Lower	Upper	
156	100		
77	151.3	77.2	231.6
158	113.1	48.4	145.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#78

n-propylbenzene

Concen: 0.478 ug/l

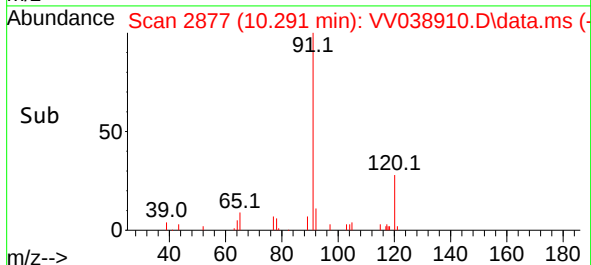
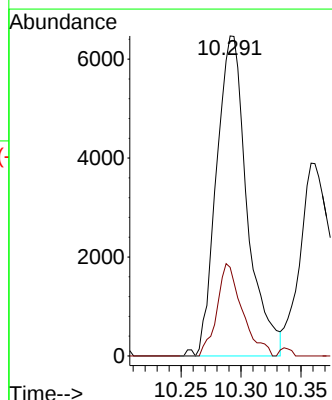
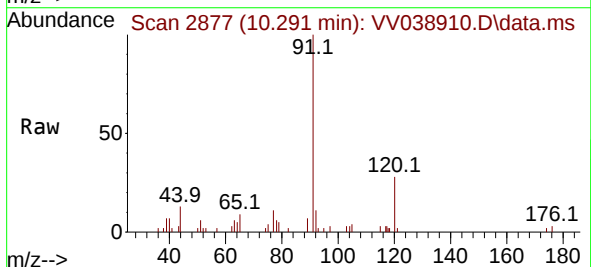
RT: 10.291 min Scan# 2877

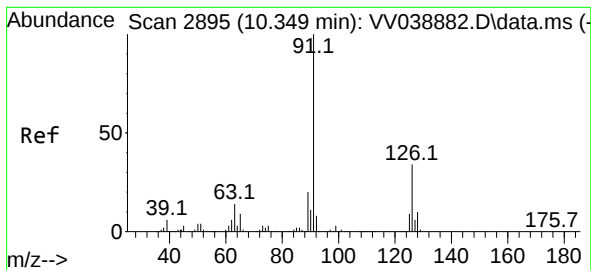
Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:	91	Resp:	11530
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.6	34.8





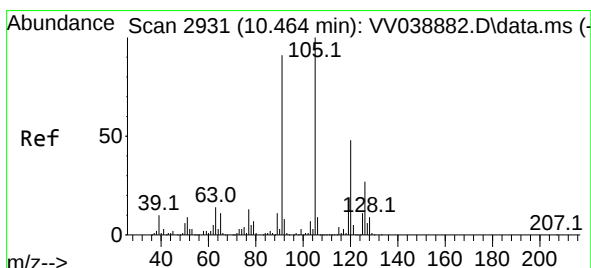
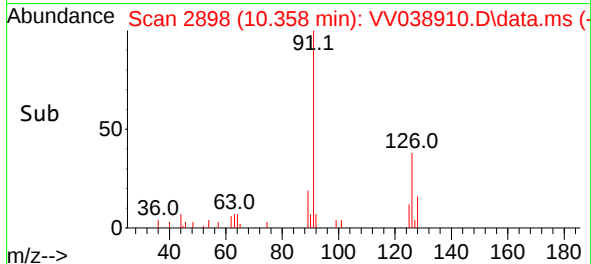
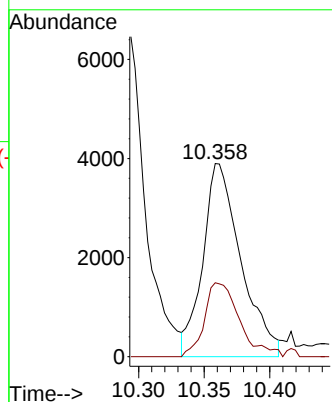
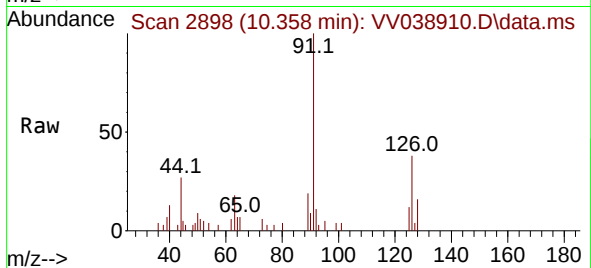
#79
2-Chlorotoluene
Concen: 0.513 ug/l m
RT: 10.358 min Scan# 2898
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 7874
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2

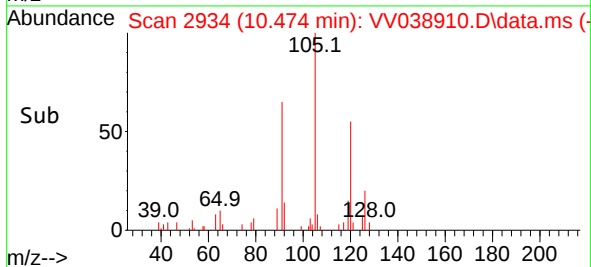
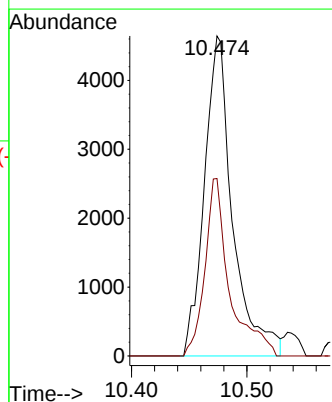
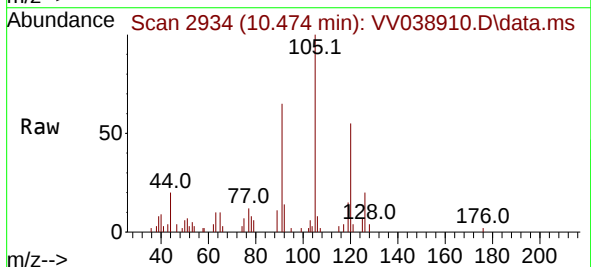
Manual Integrations
APPROVED

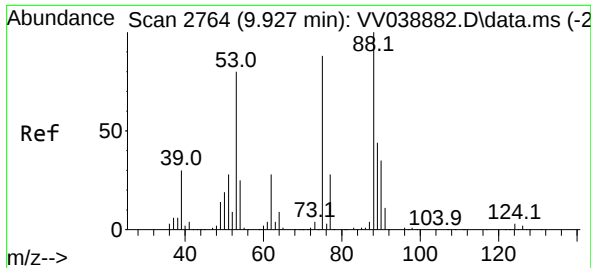
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.453 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

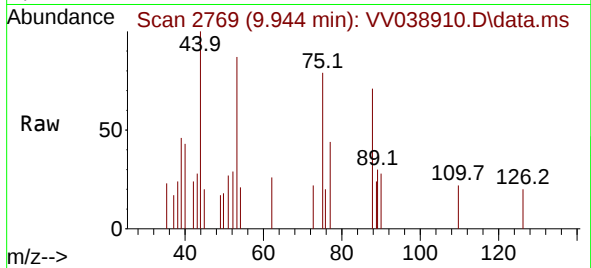
Tgt Ion:105 Resp: 7886
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 0.352 ug/l m
RT: 9.944 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

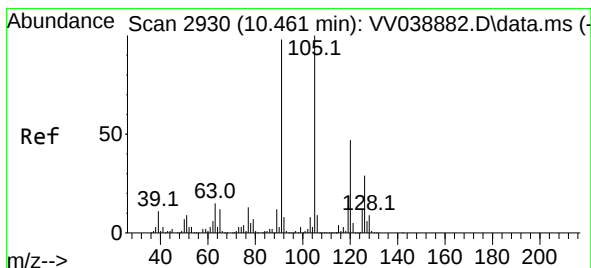
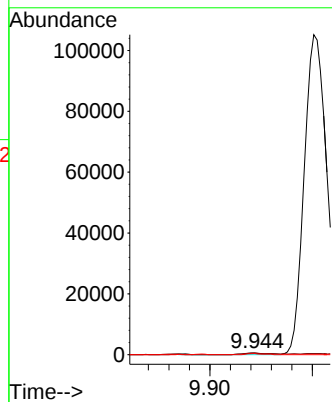
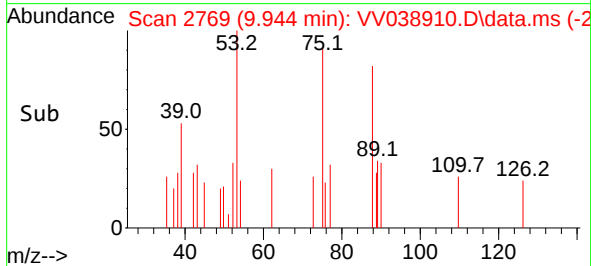
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
53 17.8 71.3 106.9
89 0.0 42.2 63.2

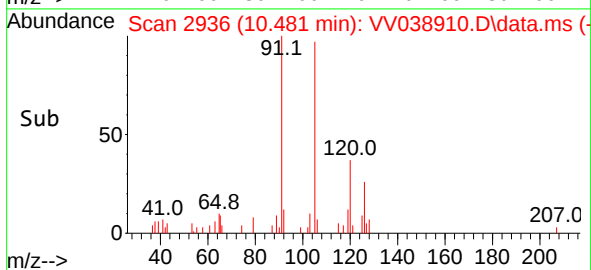
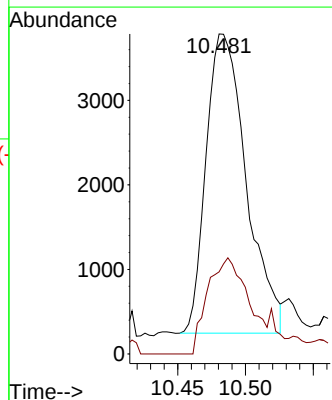
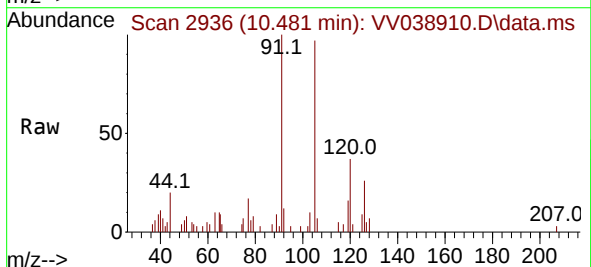
Manual Integrations
APPROVED

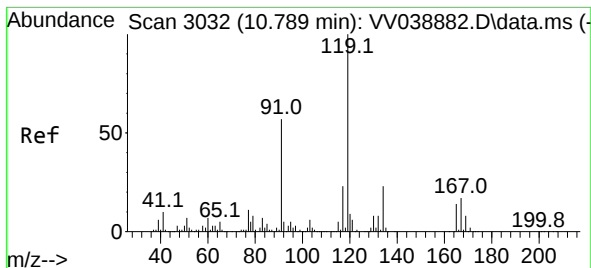
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
4-Chlorotoluene
Concen: 0.426 ug/l
RT: 10.481 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 91 Resp: 7309
Ion Ratio Lower Upper
91 100
126 32.7 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.457 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

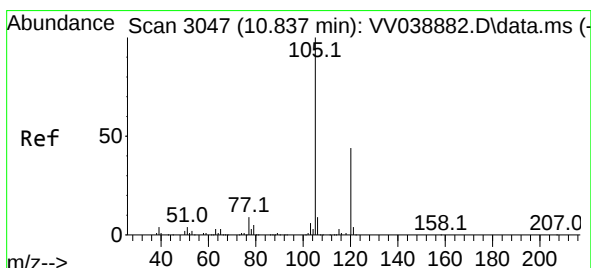
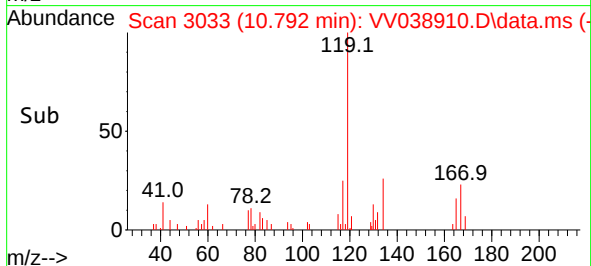
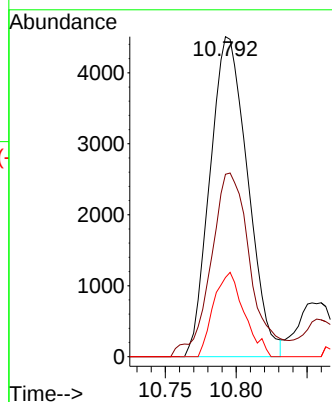
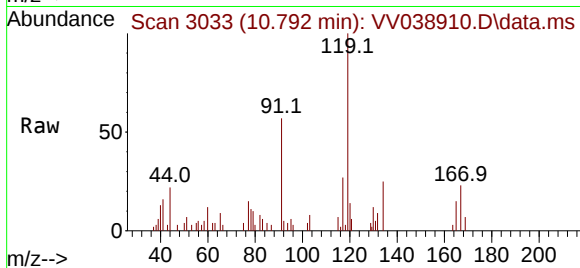
MDL03

Tgt Ion:	119	Resp:	833
Ion	Ratio	Lower	Upper
119	100		
91	60.3	28.1	84.2
134	21.4	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 0.440 ug/l

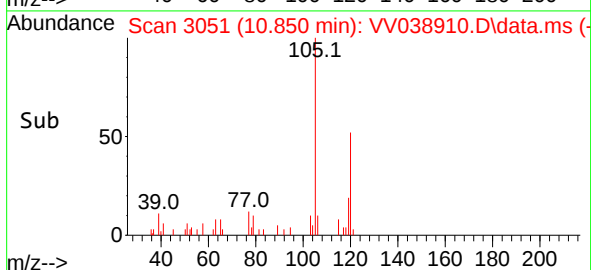
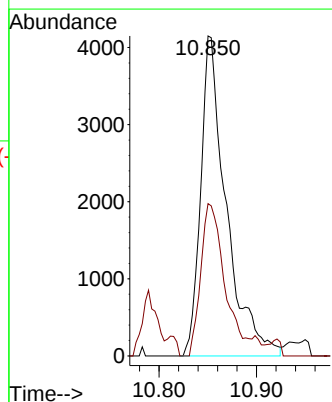
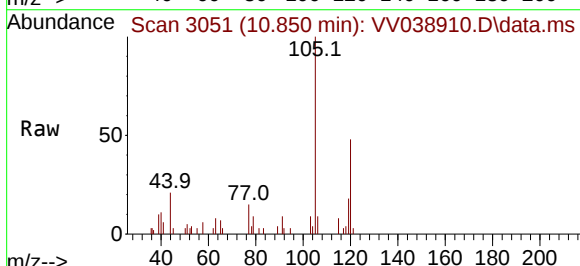
RT: 10.850 min Scan# 3051

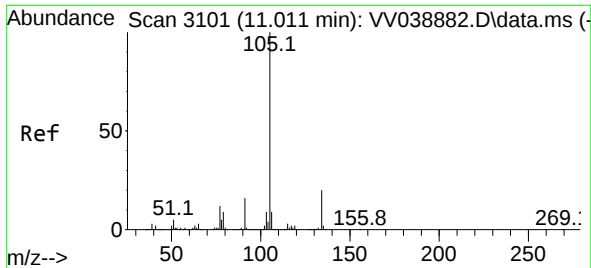
Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

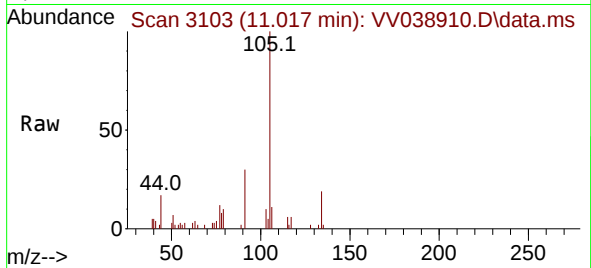
Tgt Ion:	105	Resp:	7540
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 0.435 ug/l
 RT: 11.017 min Scan# 3103
 Delta R.T. 0.007 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

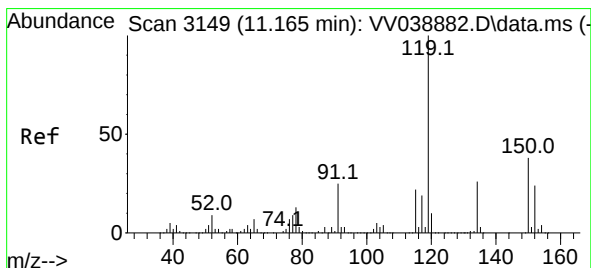
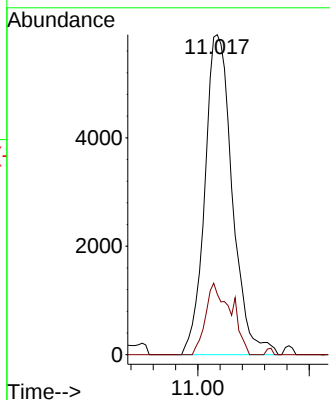
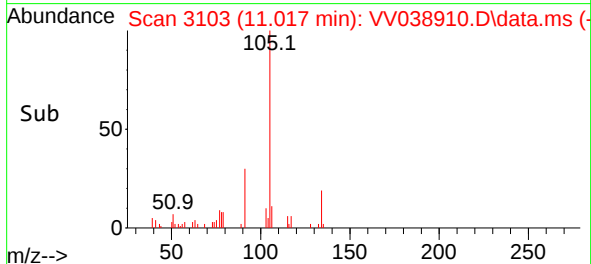
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03



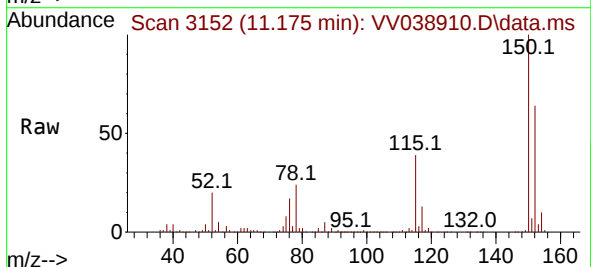
Tgt Ion:105 Resp: 1012
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7

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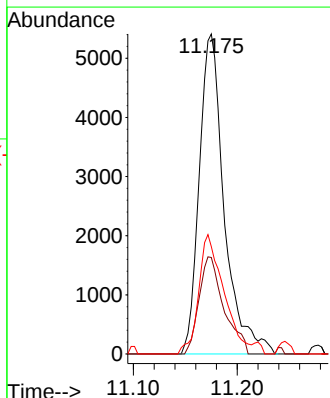
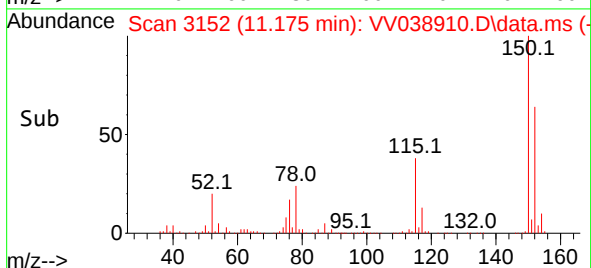
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

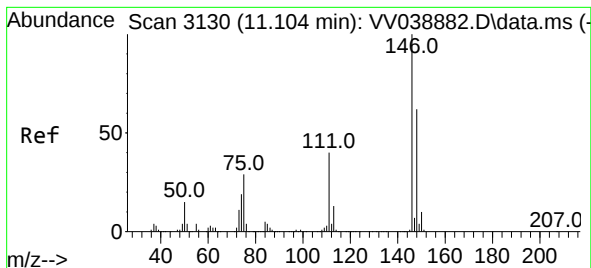


#86
 p-Isopropyltoluene
 Concen: 0.457 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.010 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03



Tgt Ion:119 Resp: 9034
 Ion Ratio Lower Upper
 119 100
 134 30.4 13.1 39.3
 91 37.7 12.3 36.8#





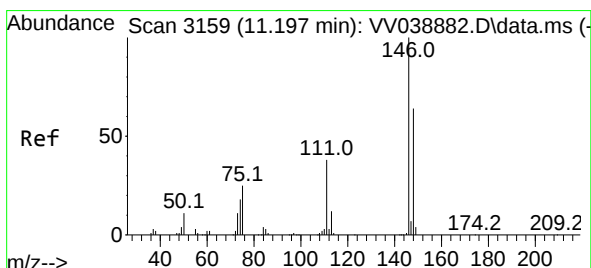
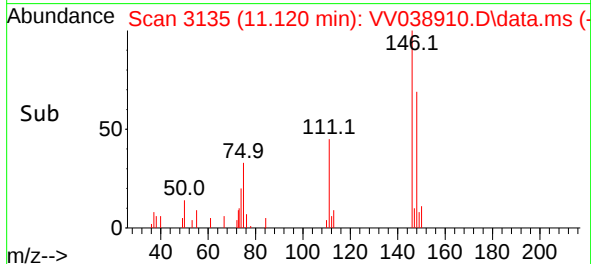
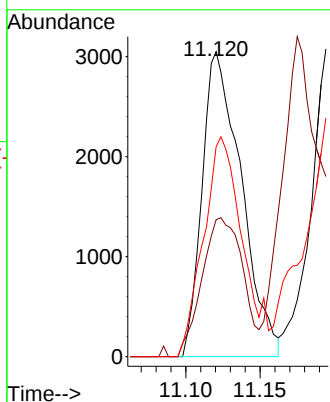
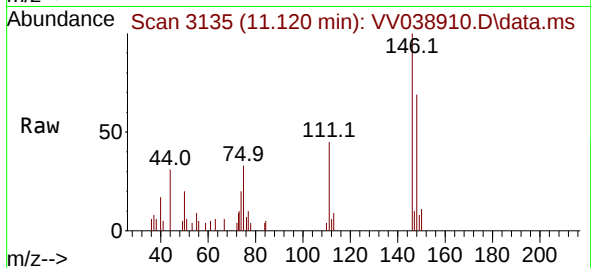
#87
1,3-Dichlorobenzene
Concen: 0.505 ug/l
RT: 11.120 min Scan# 3130
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:146 Resp: 5570
Ion Ratio Lower Upper
146 100
111 47.7 20.2 60.5
148 72.0 31.4 94.3

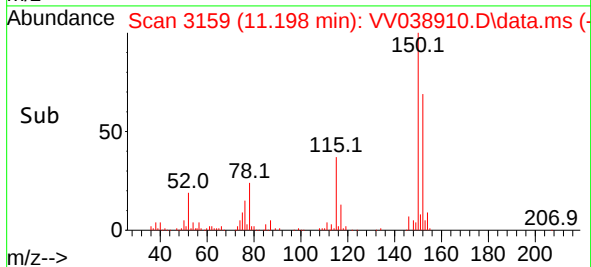
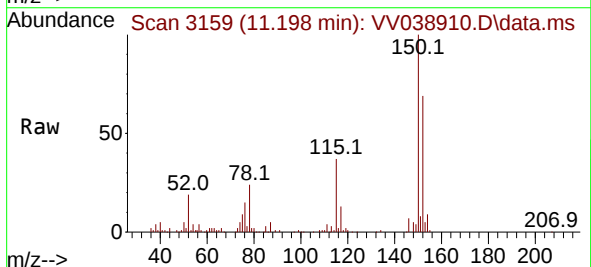
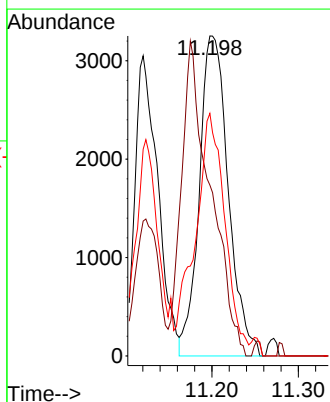
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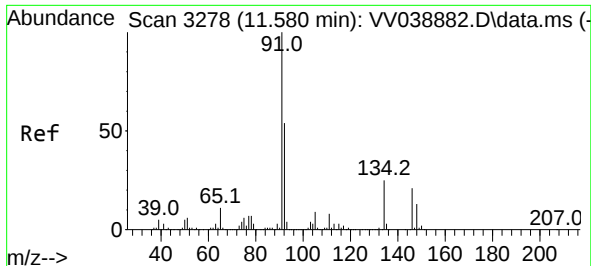
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#88
1,4-Dichlorobenzene
Concen: 0.638 ug/l m
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:146 Resp: 7669
Ion Ratio Lower Upper
146 100
111 34.7 19.8 59.3
148 52.4 32.1 96.5





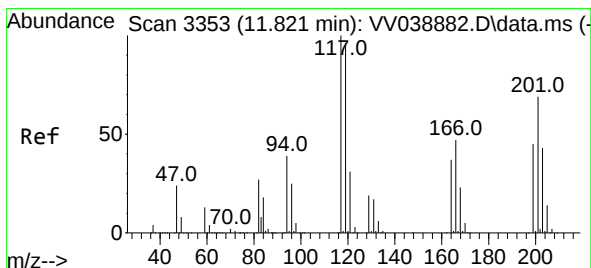
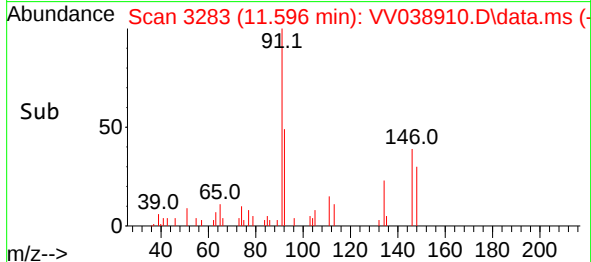
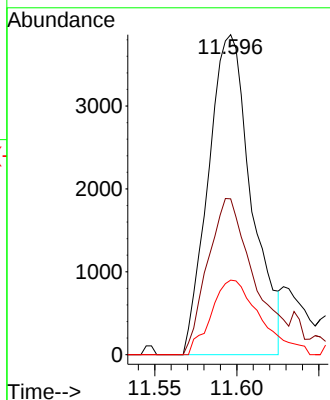
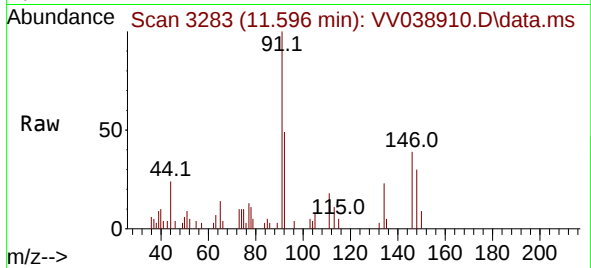
#89
n-Butylbenzene
Concen: 0.391 ug/l
RT: 11.596 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 91 Resp: 7064
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 26.5 12.7 38.1

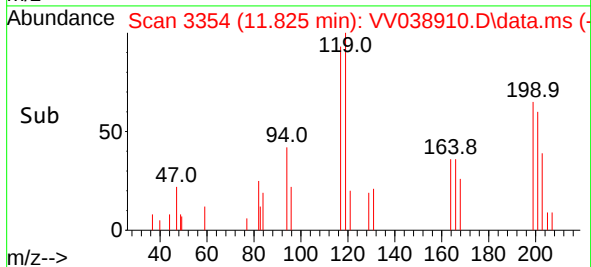
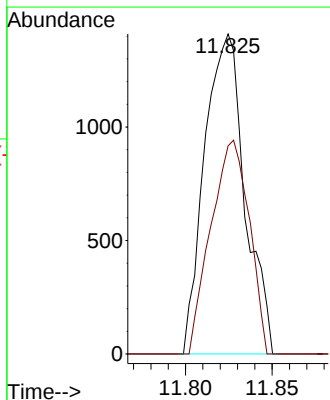
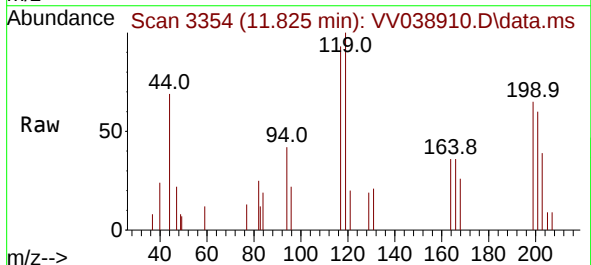
Manual Integrations
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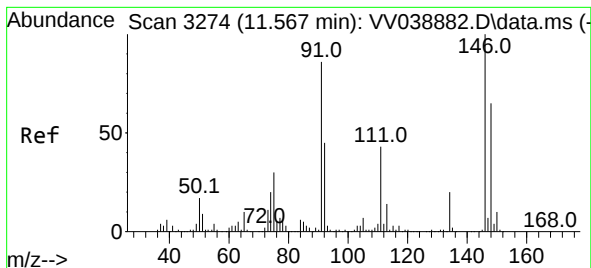
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90
Hexachloroethane
Concen: 0.485 ug/l
RT: 11.825 min Scan# 3354
Delta R.T. 0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

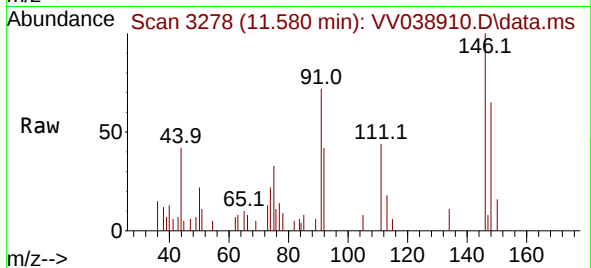
Tgt Ion:117 Resp: 2278
Ion Ratio Lower Upper
117 100
201 63.7 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 0.466 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

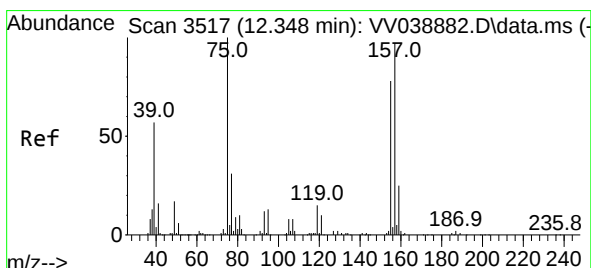
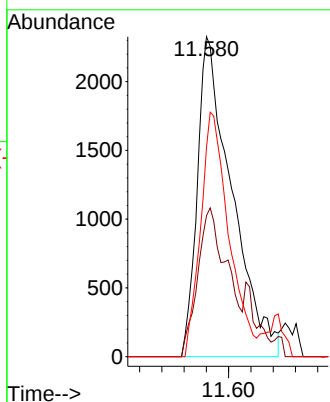
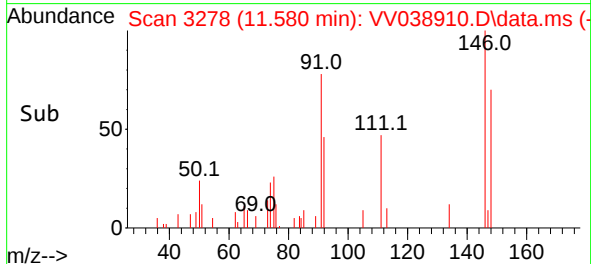
Instrument :
MSVOA_V
ClientSampleId :
MDL03



Tgt Ion:146 Resp: 499
Ion Ratio Lower Upper
146 100
111 40.3 21.4 64.3
148 63.0 32.0 96.2

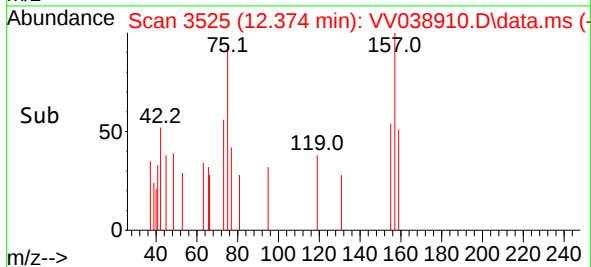
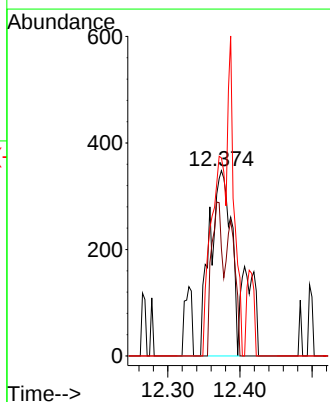
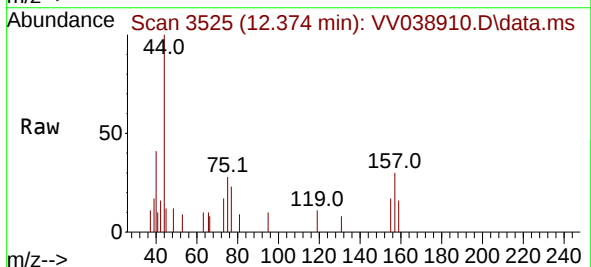
Manual Integrations
APPROVED

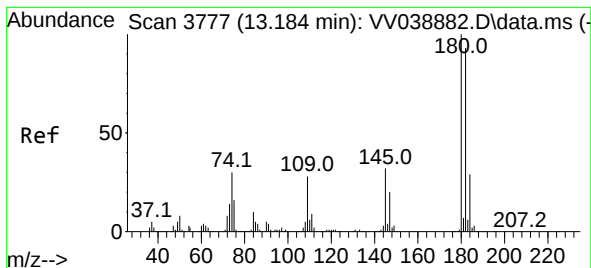
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.518 ug/l m
RT: 12.374 min Scan# 3525
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 75 Resp: 1012
Ion Ratio Lower Upper
75 100
155 29.5 40.2 120.6#
157 53.3 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 0.499 ug/l

RT: 13.204 min Scan# 3150

Delta R.T. 0.019 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

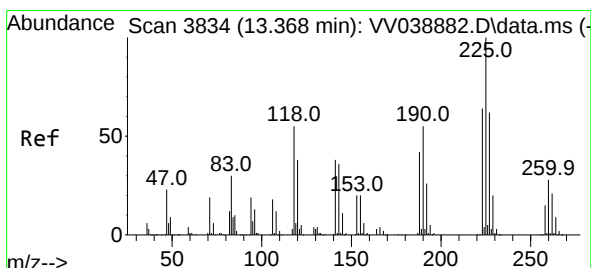
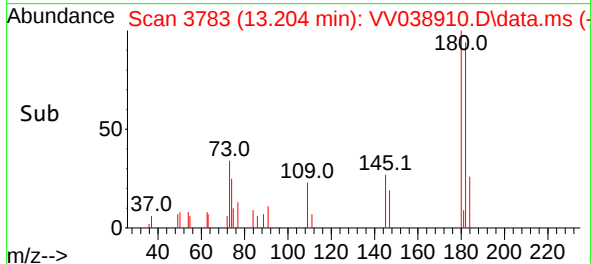
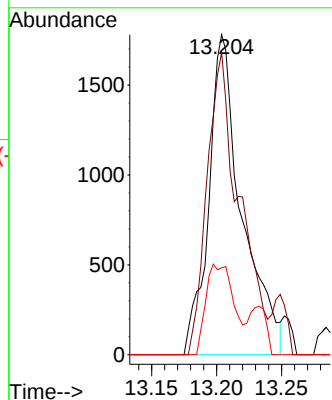
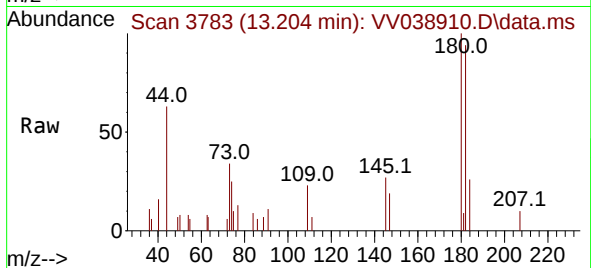
MDL03

Tgt Ion:180	Resp:	3150
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.4 142.3
145	23.5	16.2 48.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#94

Hexachlorobutadiene

Concen: 0.468 ug/l

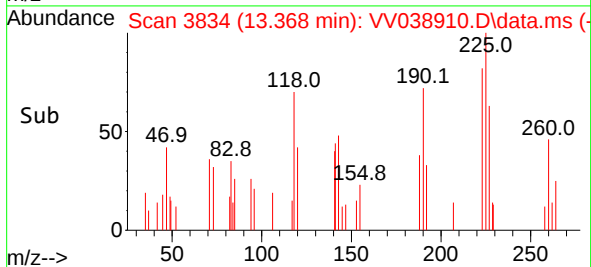
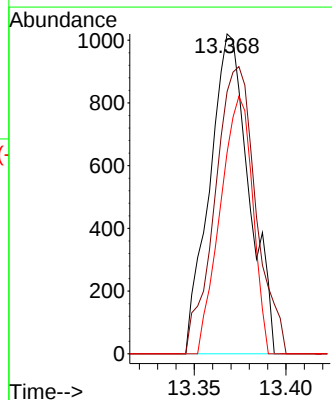
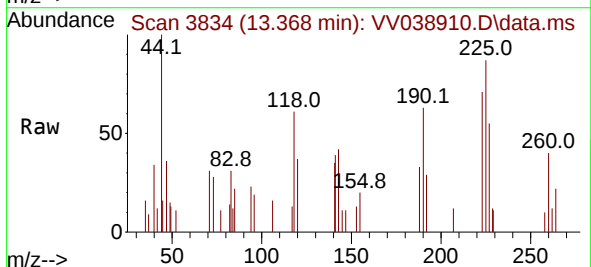
RT: 13.368 min Scan# 3834

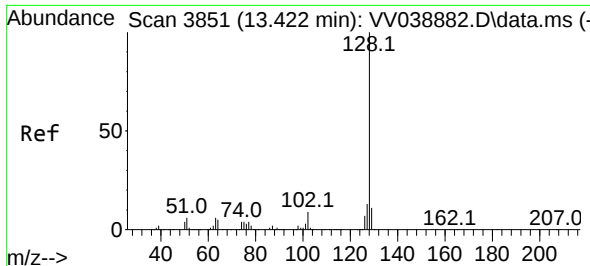
Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

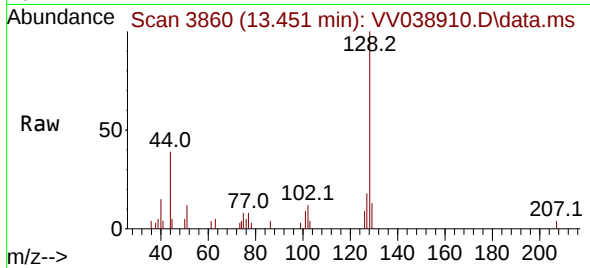
Tgt Ion:225	Resp:	1526
Ion Ratio	Lower	Upper
225	100	
223	93.4	32.4 97.2
227	65.9	31.3 93.9





#95
Naphthalene
Concen: 0.412 ug/l
RT: 13.451 min Scan# 3931
Delta R.T. 0.029 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

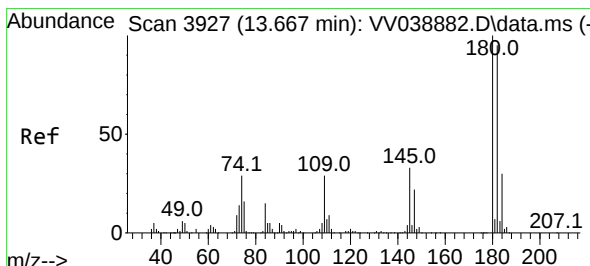
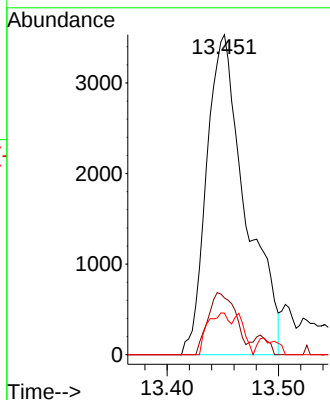
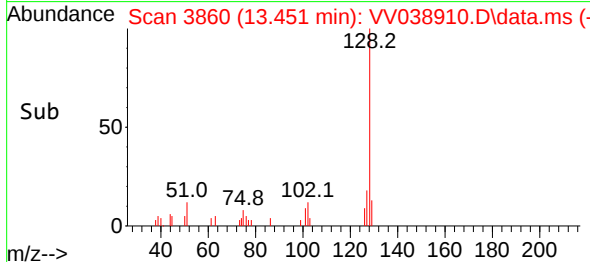
Instrument :
MSVOA_V
ClientSampleId :
MDL03



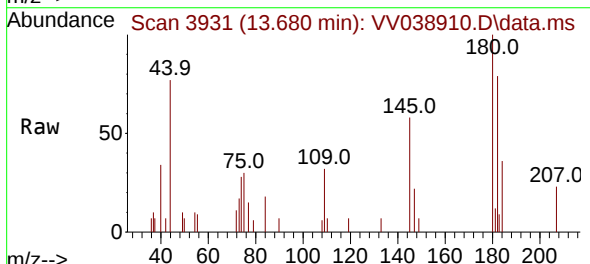
Tgt Ion:128 Resp: 856
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 7.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.501 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03



Tgt Ion:180 Resp: 3284
Ion Ratio Lower Upper
180 100
182 78.3 47.0 141.2
145 29.4 17.0 51.0

