

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038920.D
 Acq On : 18 Jul 2025 14:39
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Jul 19 01:02:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	595987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1049673	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	938373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	437087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	390933	53.685	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 107.380%	
35) Dibromofluoromethane	4.500	113	328252	45.867	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 91.740%	
50) Toluene-d8	7.233	98	1158450	53.551	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	10.001	95	446278	51.212	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 102.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	11720	2.238	ug/l	100
3) Chloromethane	1.230	50	14282	2.526	ug/l	99
4) Vinyl Chloride	1.294	62	17272	2.669	ug/l	98
5) Bromomethane	1.490	94	14808	3.051	ug/l #	80
6) Chloroethane	1.558	64	11505	2.659	ug/l	100
7) Trichlorofluoromethane	1.722	101	25931	2.264	ug/l	92
8) Diethyl Ether	1.918	74	10546	2.561	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.076	101	16437	2.400	ug/l	99
10) Methyl Iodide	2.195	142	15607	1.985	ug/l	100
11) Tert butyl alcohol	2.571	59	21096	12.583	ug/l #	94
12) 1,1-Dichloroethene	2.082	96	15346	2.460	ug/l	95
13) Acrolein	2.014	56	2403	9.912	ug/l #	82
14) Allyl chloride	2.358	41	25495	2.565	ug/l	94
15) Acrylonitrile	2.680	53	51291	11.956	ug/l	97
16) Acetone	2.121	43	39166	12.430	ug/l	97
17) Carbon Disulfide	2.252	76	38627	2.967	ug/l	98
18) Methyl Acetate	2.384	43	21917	2.056	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	55470	2.371	ug/l	96
20) Methylene Chloride	2.455	84	20227	2.530	ug/l	95
21) trans-1,2-Dichloroethene	2.699	96	16587	2.499	ug/l	87
22) Diisopropyl ether	3.217	45	47170	2.375	ug/l #	55
23) Vinyl Acetate	3.194	43	194512	12.490	ug/l	98
24) 1,1-Dichloroethane	3.114	63	32215	2.477	ug/l	98
25) 2-Butanone	3.889	43	49881	11.044	ug/l	100
26) 2,2-Dichloropropane	3.812	77	26620	2.338	ug/l	92
27) cis-1,2-Dichloroethene	3.825	96	18955	2.487	ug/l	97
28) Bromochloromethane	4.153	49	14166	2.814	ug/l	92
29) Tetrahydrofuran	4.252	42	32703	10.986	ug/l #	70
30) Chloroform	4.284	83	33487	2.335	ug/l	96
31) Cyclohexane	4.590	56	31888	3.735	ug/l #	51
32) 1,1,1-Trichloroethane	4.510	97	28798	2.302	ug/l	98
36) 1,1-Dichloropropene	4.754	75	19057	2.317	ug/l	97
37) Ethyl Acetate	4.024	43	21845	2.256	ug/l #	71
38) Carbon Tetrachloride	4.738	117	20675	1.892	ug/l	93
39) Methylcyclohexane	6.046	83	23077	2.378	ug/l	93
40) Benzene	5.018	78	64781	2.323	ug/l	97

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Quant Time: Jul 19 01:02:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.188	41	6089	1.370	ug/l #	93
42) 1,2-Dichloroethane	5.046	62	23827	2.242	ug/l	83
43) Isopropyl Acetate	5.210	43	29536	1.929	ug/l #	87
44) Trichloroethene	5.847	130	16556	2.272	ug/l	93
45) 1,2-Dichloropropane	6.098	63	16252	2.207	ug/l	98
46) Dibromomethane	6.243	93	12356	2.168	ug/l	95
47) Bromodichloromethane	6.436	83	25056	2.072	ug/l #	96
48) Methyl methacrylate	6.333	41	4379	0.659	ug/l #	1
49) 1,4-Dioxane	6.317	88	5329	37.212	ug/l #	79
51) 4-Methyl-2-Pentanone	7.156	43	98383	9.434	ug/l	96
52) Toluene	7.313	92	39454	2.246	ug/l	96
53) t-1,3-Dichloropropene	7.590	75	22421	2.049	ug/l	99
54) cis-1,3-Dichloropropene	6.963	75	23213	1.962	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	18094	2.155	ug/l	95
56) Ethyl methacrylate	7.731	69	17217	1.726	ug/l	96
57) 1,3-Dichloropropane	7.943	76	26103	2.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.825	63	47522	7.893	ug/l	98
59) 2-Hexanone	8.079	43	60976	7.855	ug/l	95
60) Dibromochloromethane	8.175	129	20264	2.050	ug/l	94
61) 1,2-Dibromoethane	8.281	107	17566	2.077	ug/l	96
64) Tetrachloroethene	7.898	164	14882	2.418	ug/l	93
65) Chlorobenzene	8.812	112	47556	2.319	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.898	131	17453	2.134	ug/l	97
67) Ethyl Benzene	8.943	91	64804	2.129	ug/l	99
68) m/p-Xylenes	9.069	106	47418	4.000	ug/l	96
69) o-Xylene	9.474	106	23391	2.091	ug/l	93
70) Styrene	9.496	104	38160	1.930	ug/l	95
71) Bromoform	9.664	173	13162	1.980	ug/l #	95
73) Isopropylbenzene	9.860	105	59975	2.296	ug/l	95
74) N-amyl acetate	9.734	43	20663	2.160	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.172	83	27713	2.533	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	19530	2.403	ug/l	91
77) Bromobenzene	10.149	156	18083	2.640	ug/l	98
78) n-propylbenzene	10.281	91	78658	2.577	ug/l	98
79) 2-Chlorotoluene	10.352	91	49054	2.527	ug/l	98
80) 1,3,5-Trimethylbenzene	10.471	105	49392	2.243	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.001	75	224006	67.266	ug/l #	13
82) 4-Chlorotoluene	10.471	91	53125	2.448	ug/l	100
83) tert-Butylbenzene	10.789	119	53206	2.304	ug/l	99
84) 1,2,4-Trimethylbenzene	10.844	105	46353	2.139	ug/l	95
85) sec-Butylbenzene	11.014	105	67357	2.286	ug/l	99
86) p-Isopropyltoluene	11.172	119	56831	2.271	ug/l	96
87) 1,3-Dichlorobenzene	11.114	146	35789	2.559	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	38961	2.561	ug/l	86
89) n-Butylbenzene	11.586	91	54318	2.378	ug/l	97
90) Hexachloroethane	11.821	117	14108	2.371	ug/l	92
91) 1,2-Dichlorobenzene	11.577	146	32284	2.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	5313	2.148	ug/l	97
93) 1,2,4-Trichlorobenzene	13.194	180	19842	2.476	ug/l	98
94) Hexachlorobutadiene	13.371	225	9580	2.322	ug/l	94
95) Naphthalene	13.432	128	53964	2.050	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	19832	2.388	ug/l	97

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ALS Vial : 8 Sample Multiplier: 1

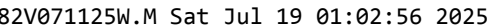
Instrument :
MSVOA_V
ClientSampleId :
MDL06

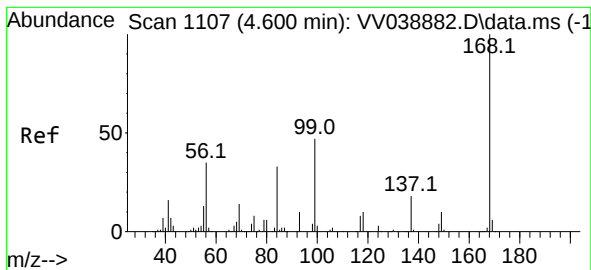
Quant Time: Jul 19 01:02:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:02:29 2025
Response via : Initial Calibration

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

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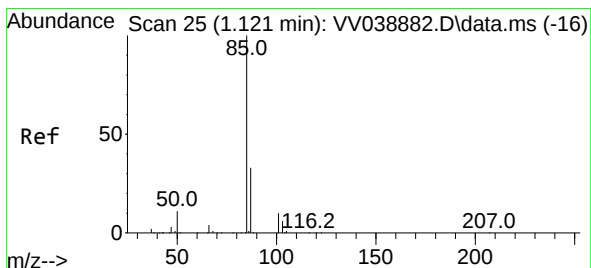
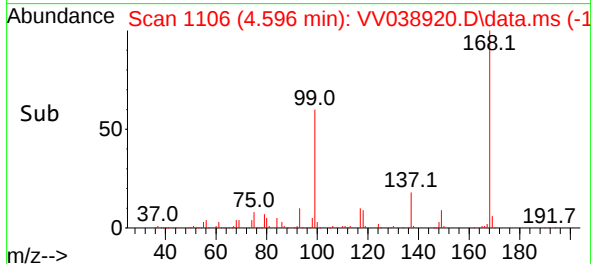
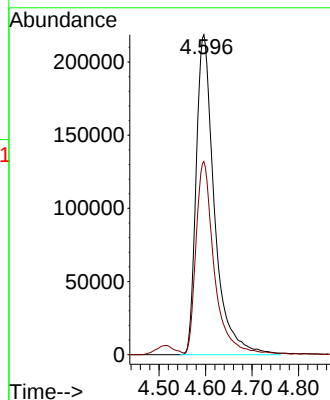
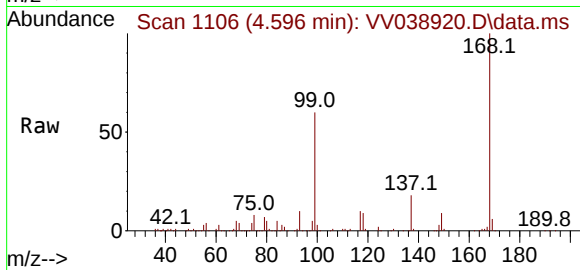




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.004 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

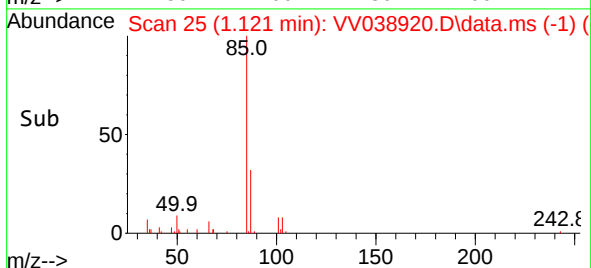
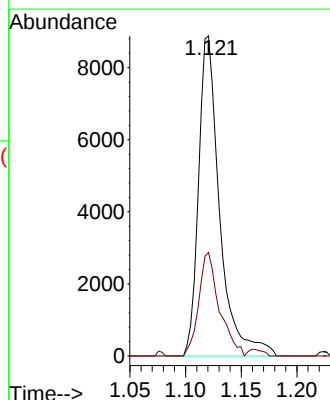
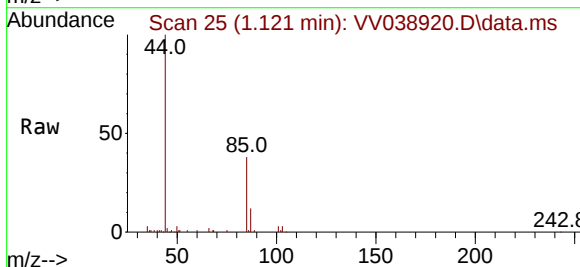
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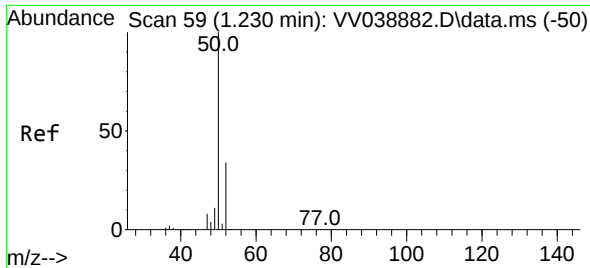
Tgt Ion:168 Resp: 595987
Ion Ratio Lower Upper
168 100
99 59.9 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 2.238 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 85 Resp: 11720
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.8

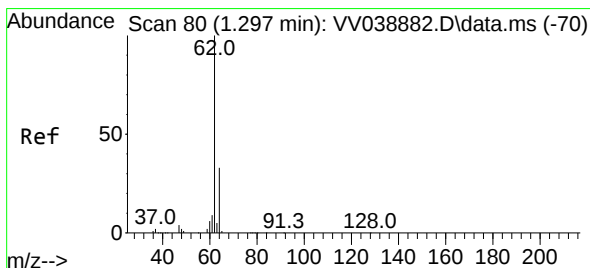
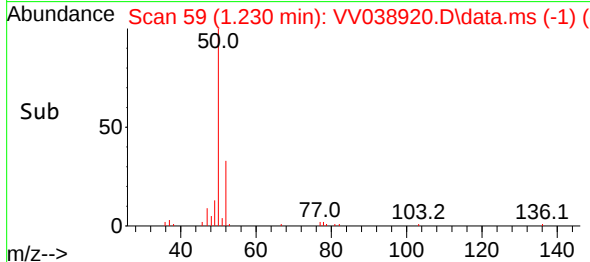
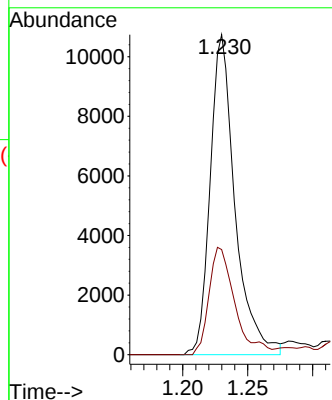
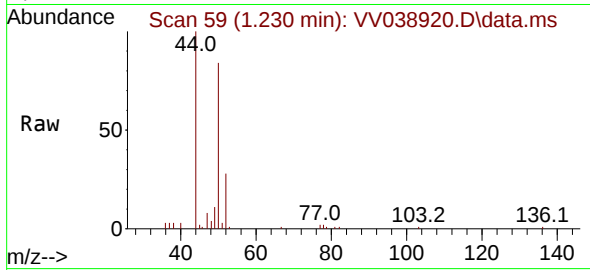




#3
Chloromethane
Concen: 2.526 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

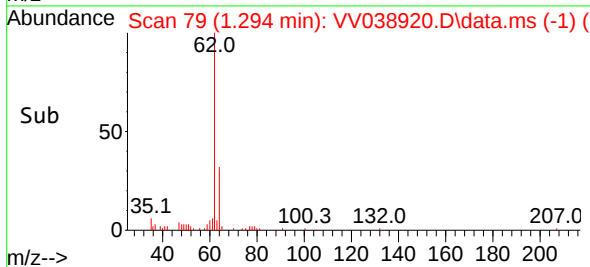
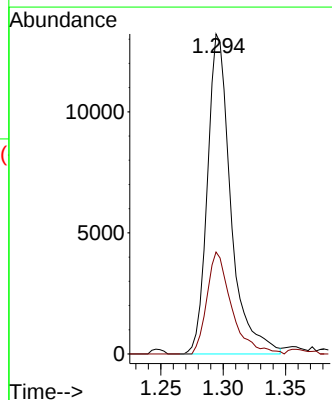
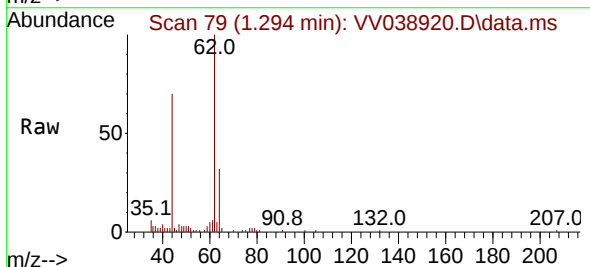
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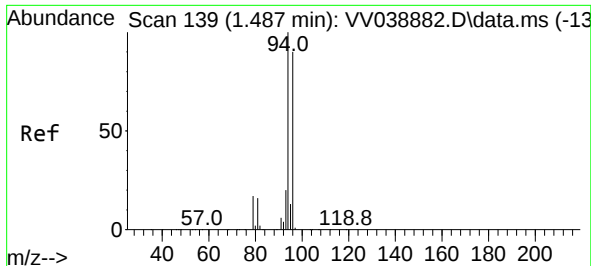
Tgt Ion: 50 Resp: 14282
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3



#4
Vinyl Chloride
Concen: 2.669 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 62 Resp: 17272
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

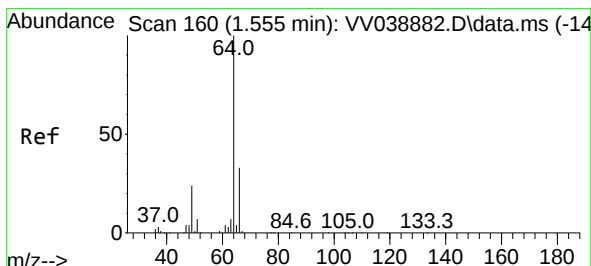
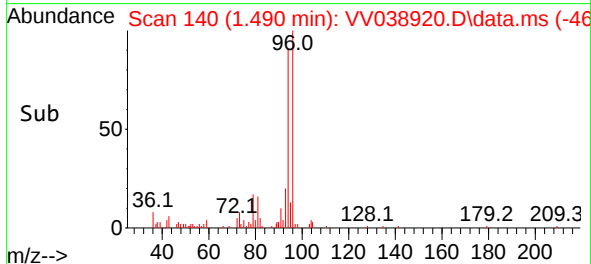
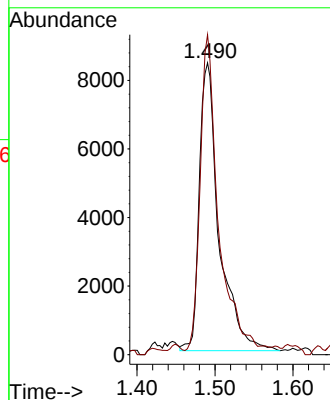
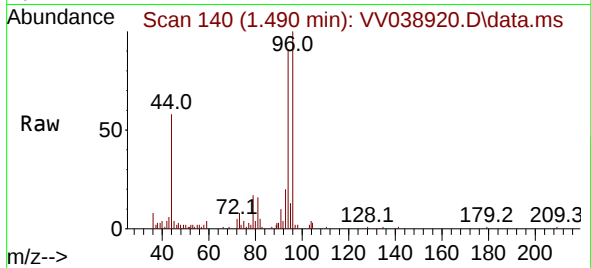




#5
Bromomethane
Concen: 3.051 ug/l
RT: 1.490 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

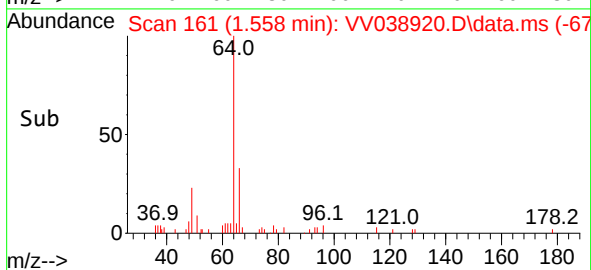
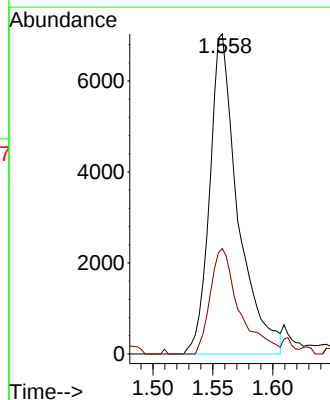
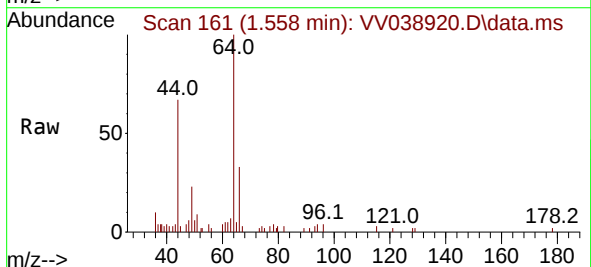
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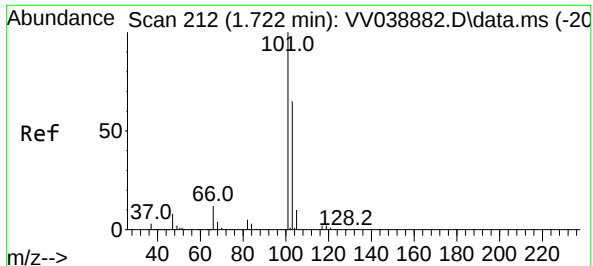
Tgt Ion: 94 Resp: 14808
Ion Ratio Lower Upper
94 100
96 108.9 71.9 107.9#



#6
Chloroethane
Concen: 2.659 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 64 Resp: 11505
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2

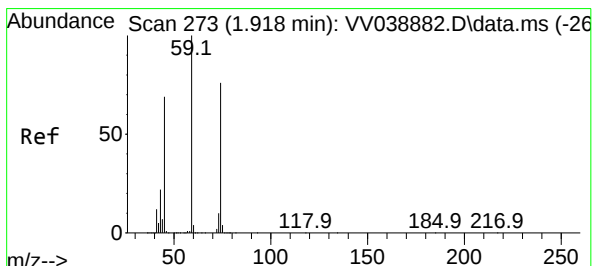
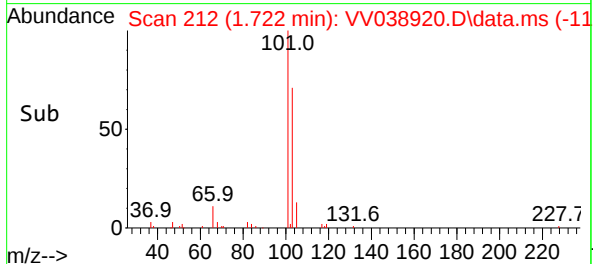
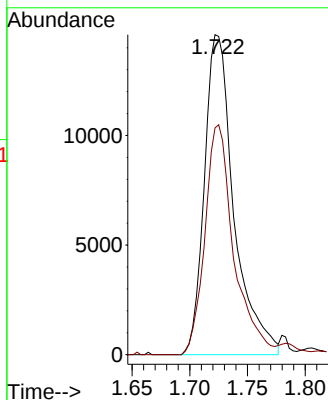
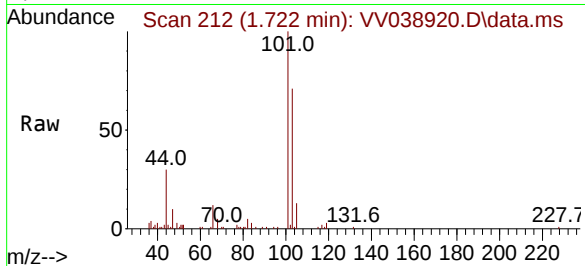




#7
 Trichlorofluoromethane
 Concen: 2.264 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

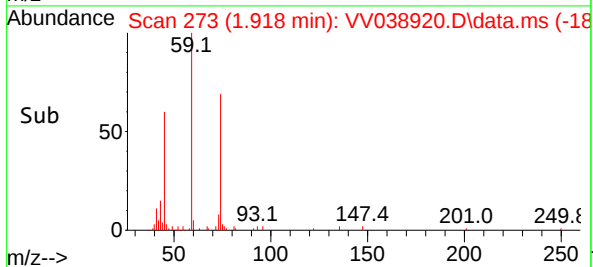
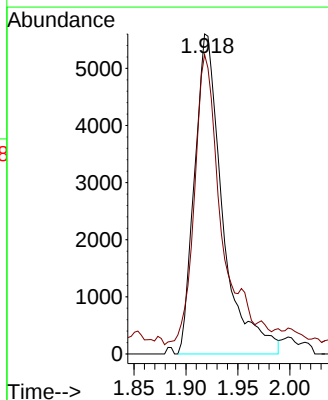
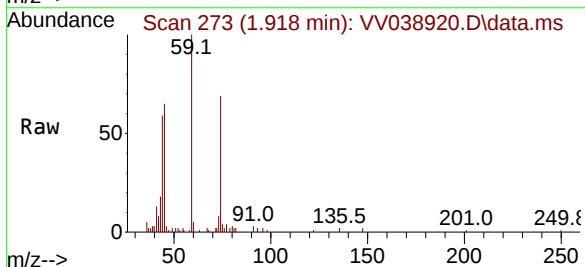
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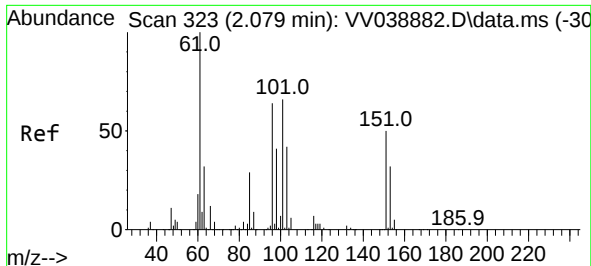
Tgt Ion:101 Resp: 25931
 Ion Ratio Lower Upper
 101 100
 103 70.8 51.8 77.6



#8
 Diethyl Ether
 Concen: 2.561 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. -0.000 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

Tgt Ion: 74 Resp: 10546
 Ion Ratio Lower Upper
 74 100
 45 82.6 45.5 136.5

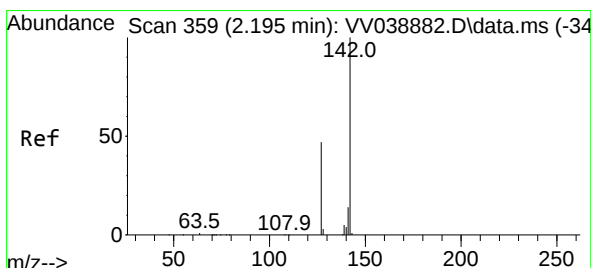
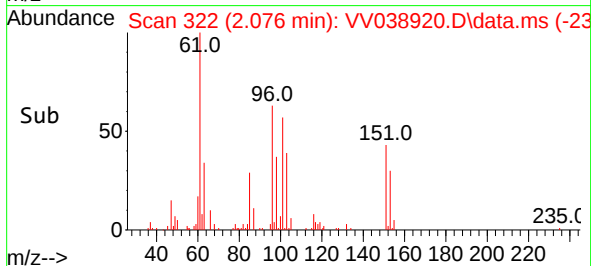
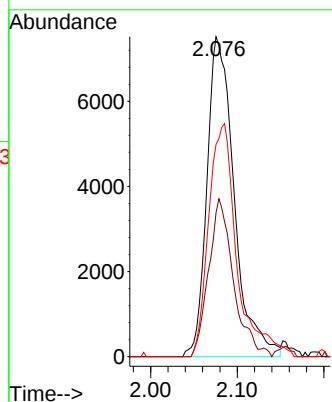
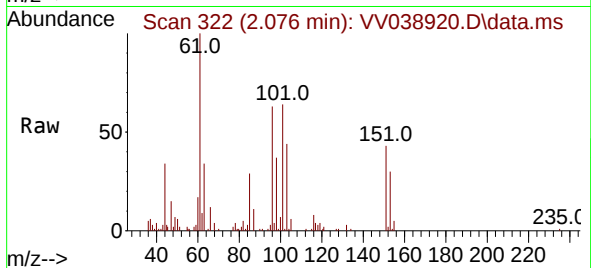




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.400 ug/l
 RT: 2.076 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

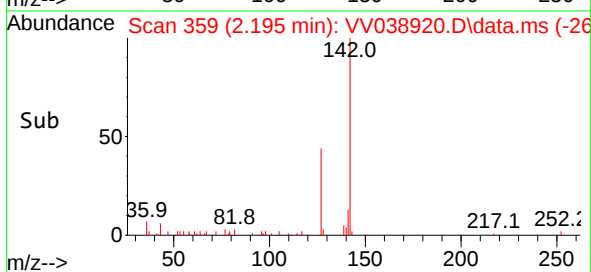
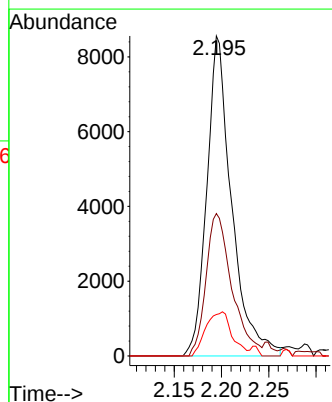
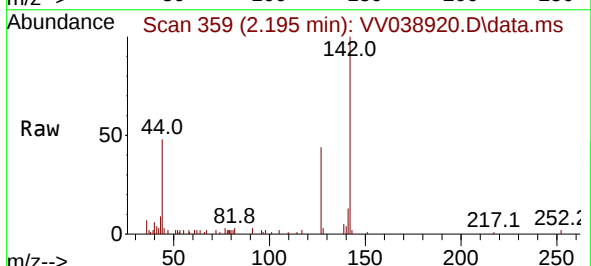
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

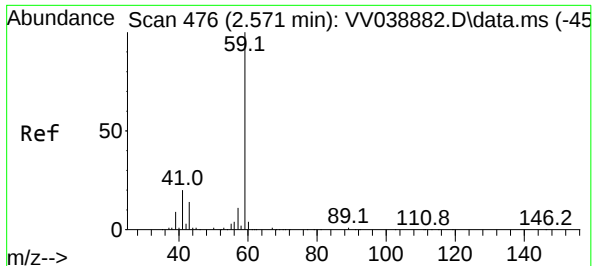
Tgt Ion:101 Resp: 16437
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.0 52.6
 151 75.3 60.1 90.1



#10
 Methyl Iodide
 Concen: 1.985 ug/l
 RT: 2.195 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

Tgt Ion:142 Resp: 15607
 Ion Ratio Lower Upper
 142 100
 127 46.5 37.3 55.9
 141 14.5 11.2 16.8

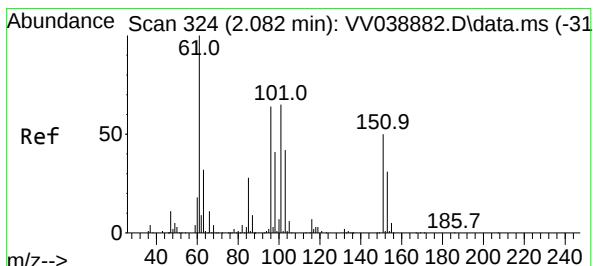
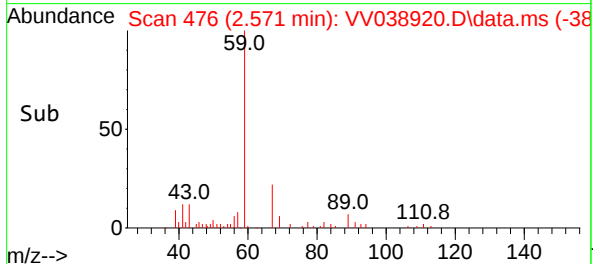
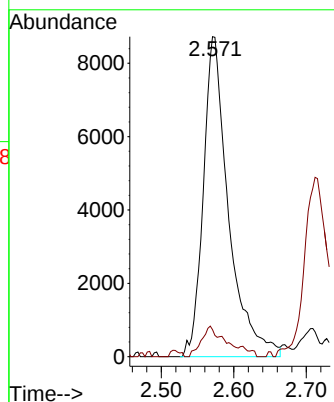
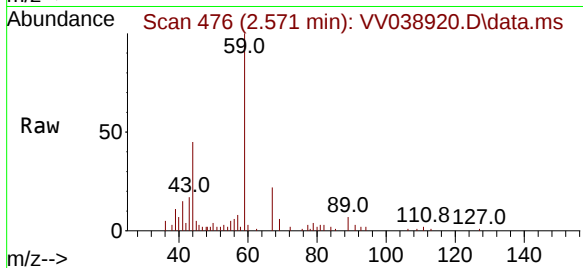




#11
Tert butyl alcohol
Concen: 12.583 ug/l
RT: 2.571 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

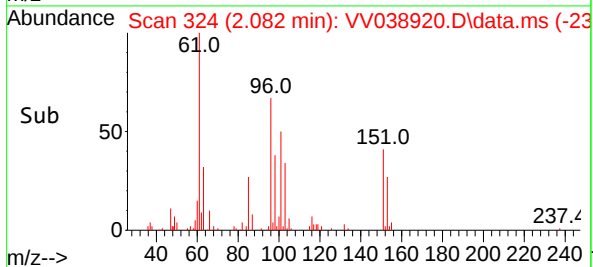
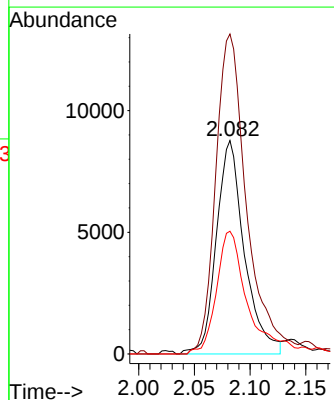
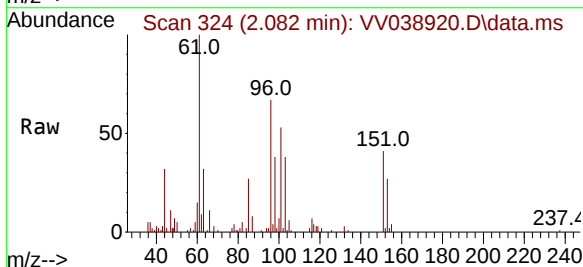
Instrument :
MSVOA_V
ClientSampleId :
MDL06

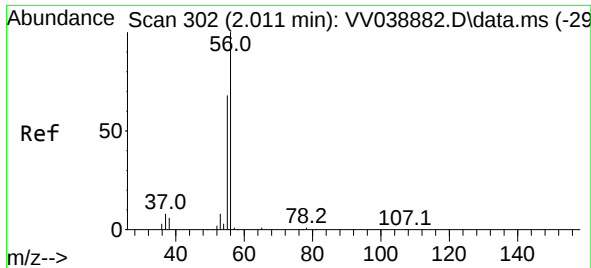
Tgt Ion: 59 Resp: 21096
Ion Ratio Lower Upper
59 100
57 8.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.460 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 96 Resp: 15346
Ion Ratio Lower Upper
96 100
61 149.9 124.1 186.1
98 57.4 50.6 75.8





#13

Acrolein

Concen: 9.912 ug/l

RT: 2.014 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

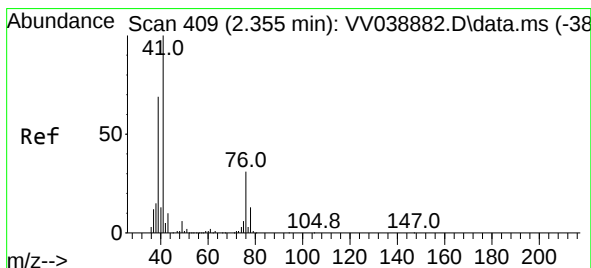
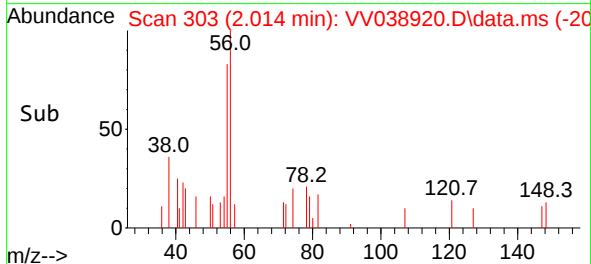
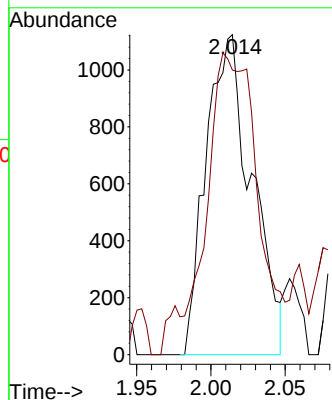
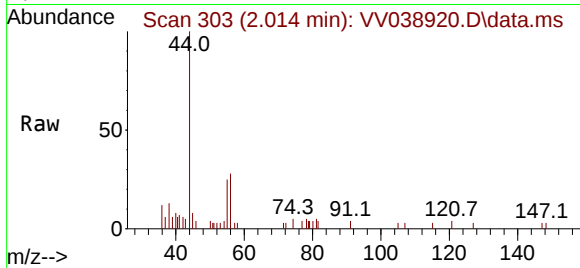
MDL06

Tgt Ion: 56 Resp: 2403

Ion Ratio Lower Upper

56 100

55 85.7 56.7 85.1#



#14

Allyl chloride

Concen: 2.565 ug/l

RT: 2.358 min Scan# 410

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

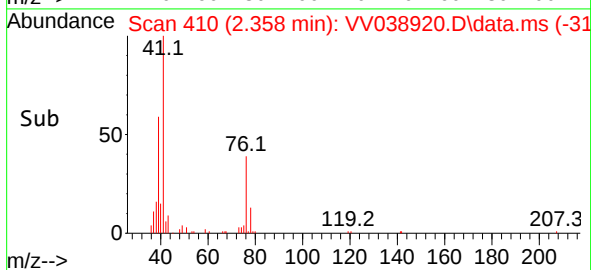
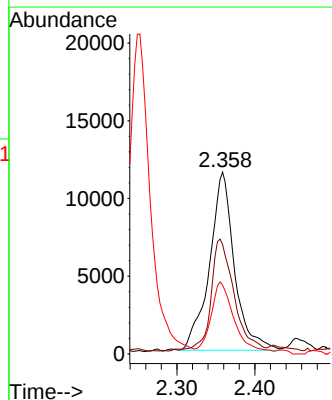
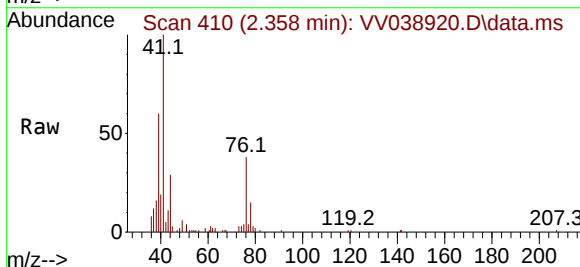
Tgt Ion: 41 Resp: 25495

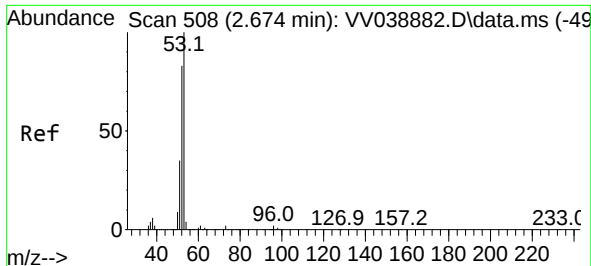
Ion Ratio Lower Upper

41 100

39 57.9 50.6 76.0

76 35.2 30.4 45.6

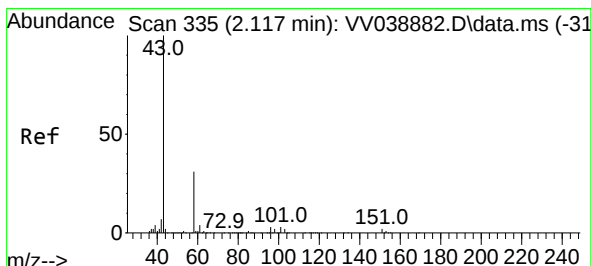
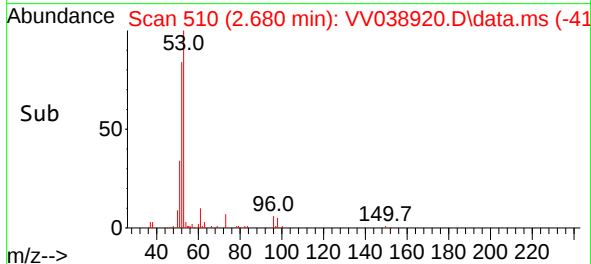
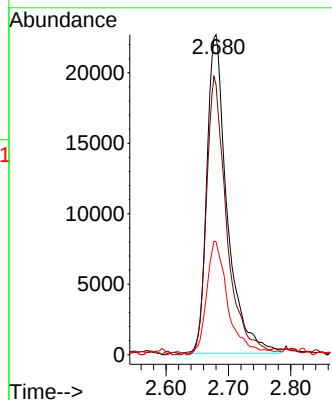
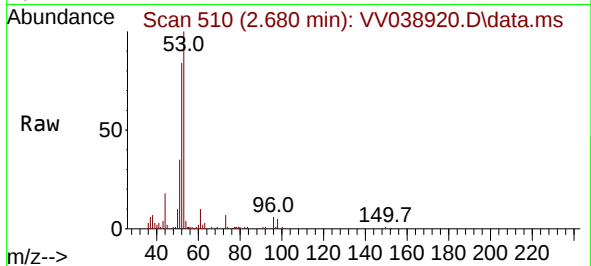




#15
Acrylonitrile
Concen: 11.956 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

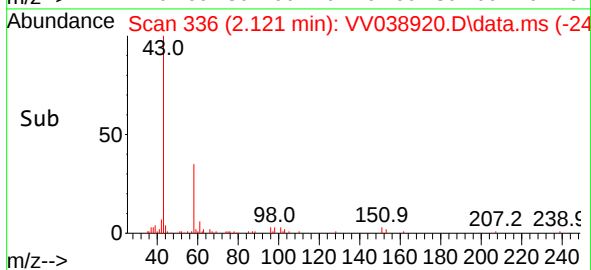
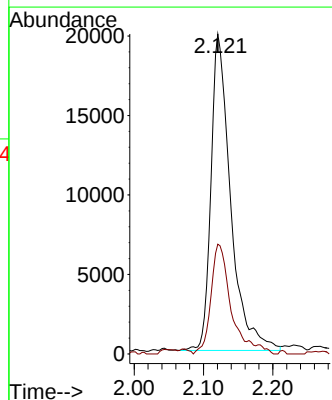
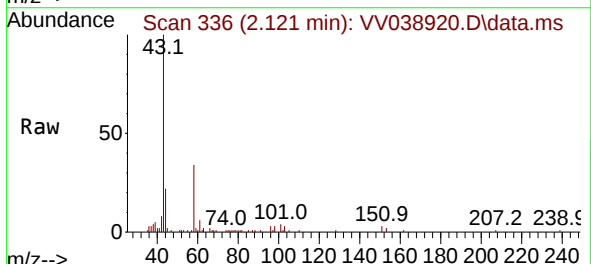
Instrument :
MSVOA_V
ClientSampleId :
MDL06

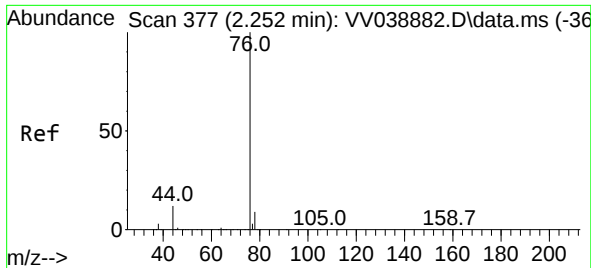
Tgt Ion: 53 Resp: 51291
Ion Ratio Lower Upper
53 100
52 86.7 66.6 99.8
51 37.1 28.7 43.1



#16
Acetone
Concen: 12.430 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 43 Resp: 39166
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6

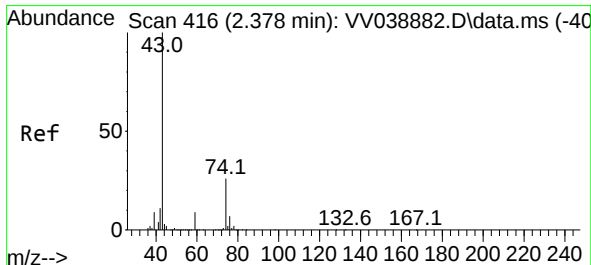
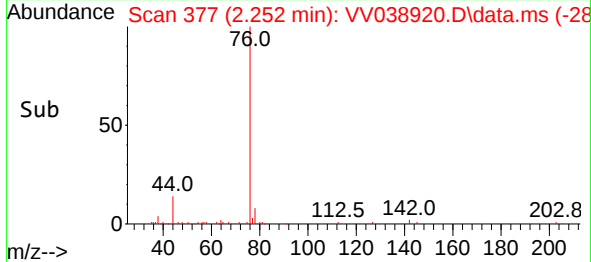
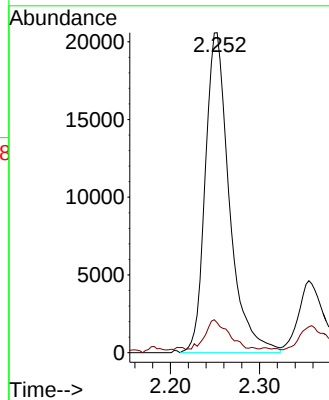
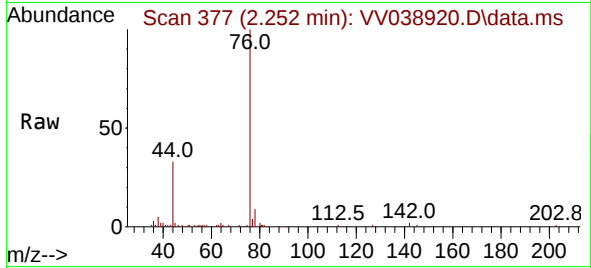




#17
Carbon Disulfide
Concen: 2.967 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

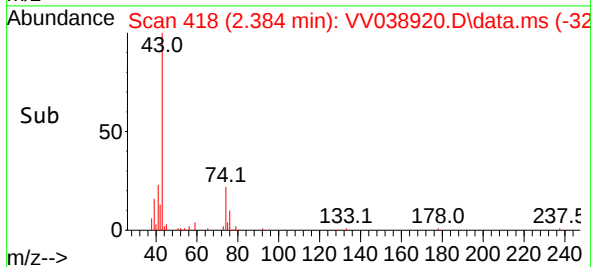
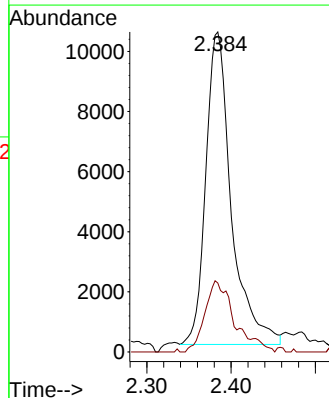
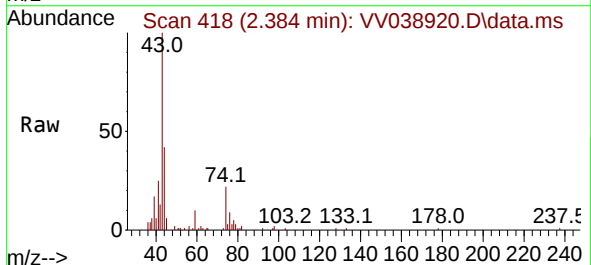
Instrument :
MSVOA_V
ClientSampleId :
MDL06

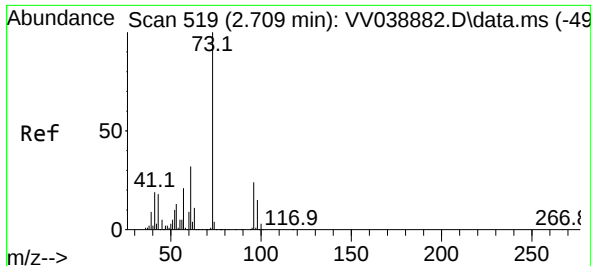
Tgt Ion: 76 Resp: 38627
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2



#18
Methyl Acetate
Concen: 2.056 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 43 Resp: 21917
Ion Ratio Lower Upper
43 100
74 24.4 21.1 31.7

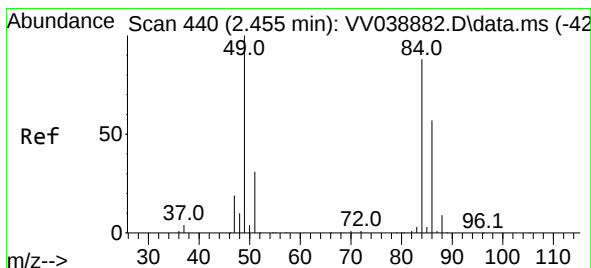
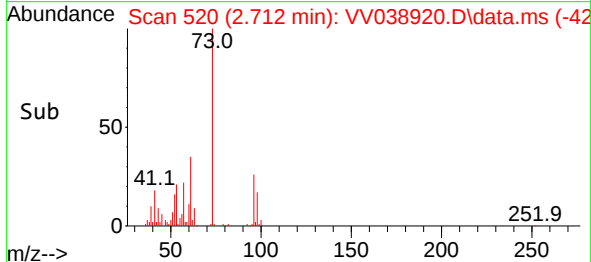
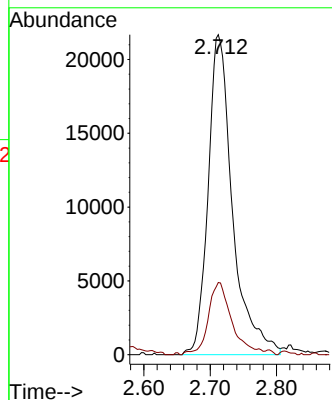
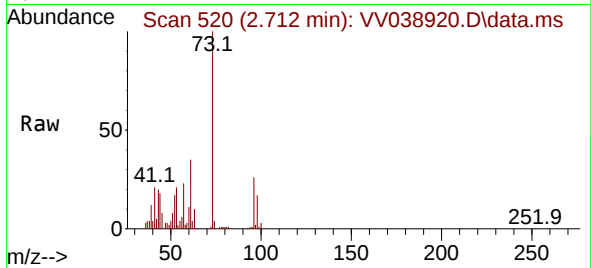




#19
Methyl tert-butyl Ether
Concen: 2.371 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

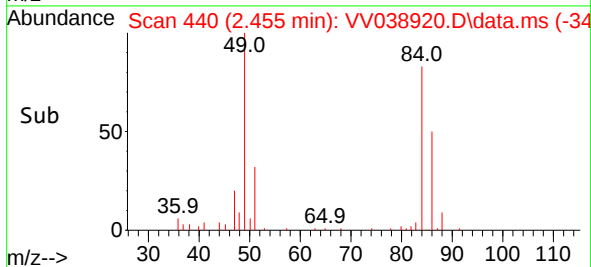
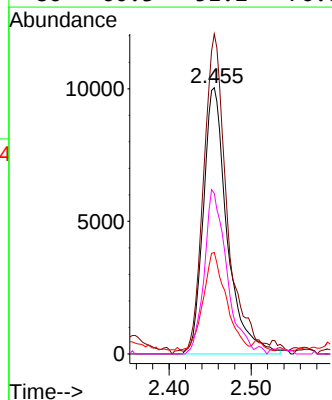
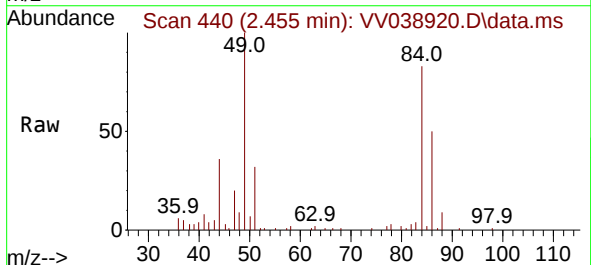
Instrument :
MSVOA_V
ClientSampleId :
MDL06

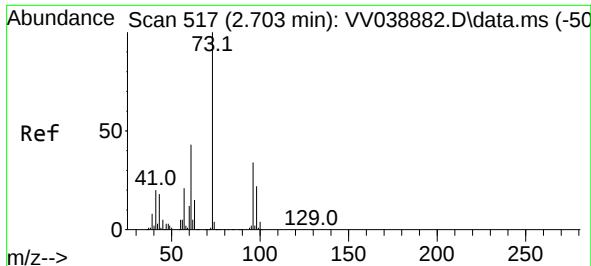
Tgt Ion: 73 Resp: 55470
Ion Ratio Lower Upper
73 100
57 22.6 16.5 24.7



#20
Methylene Chloride
Concen: 2.530 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 84 Resp: 20227
Ion Ratio Lower Upper
84 100
49 118.8 90.5 135.7
51 36.5 27.8 41.6
86 60.3 51.2 76.8

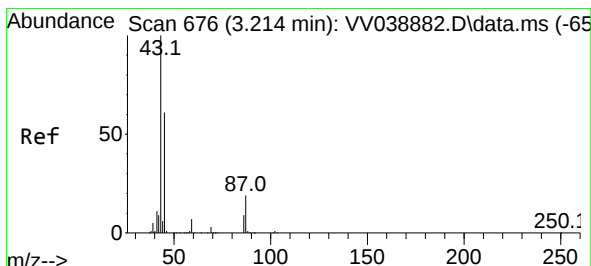
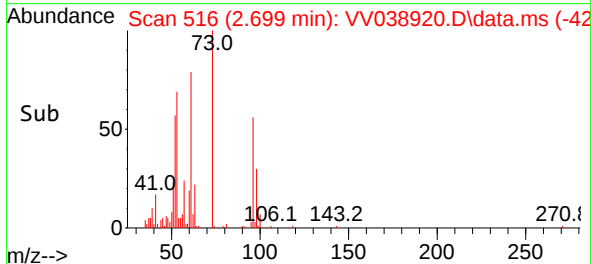
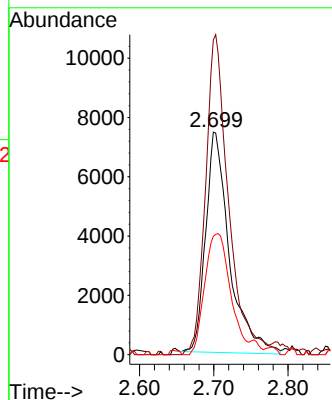
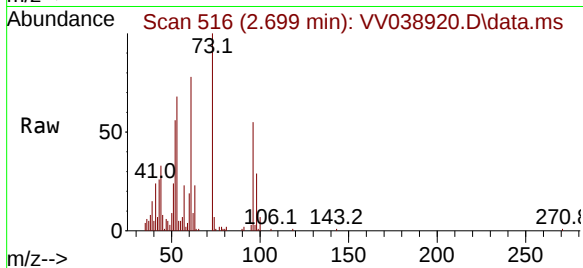




#21
trans-1,2-Dichloroethene
Concen: 2.499 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

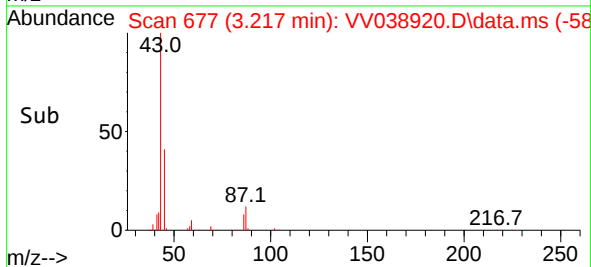
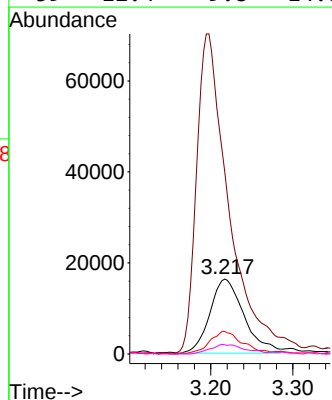
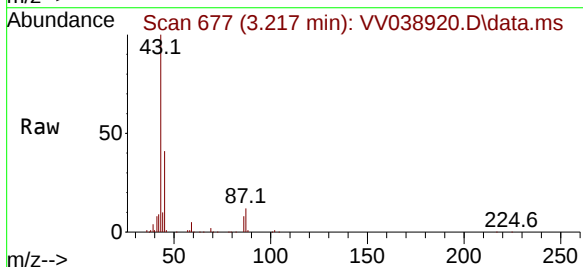
Instrument :
MSVOA_V
ClientSampleId :
MDL06

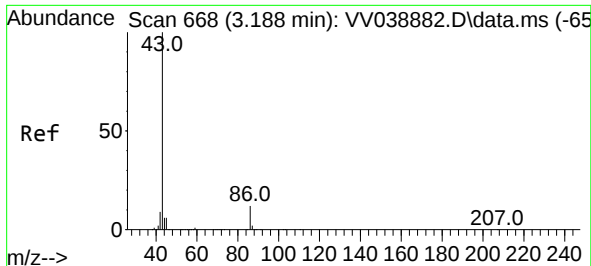
Tgt Ion: 96 Resp: 16587
Ion Ratio Lower Upper
96 100
61 143.5 102.0 153.0
98 54.0 51.0 76.6



#22
Diisopropyl ether
Concen: 2.375 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 45 Resp: 47170
Ion Ratio Lower Upper
45 100
43 240.5 132.1 198.1#
87 29.6 25.0 37.4
59 12.4 9.8 14.8

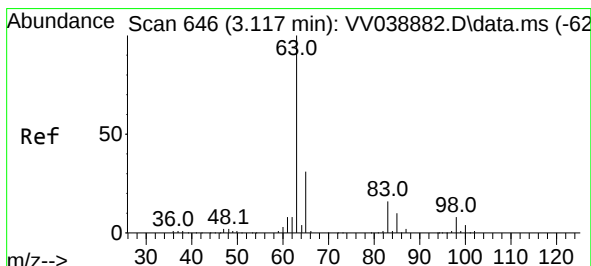
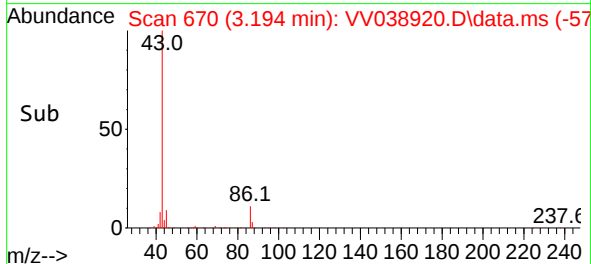
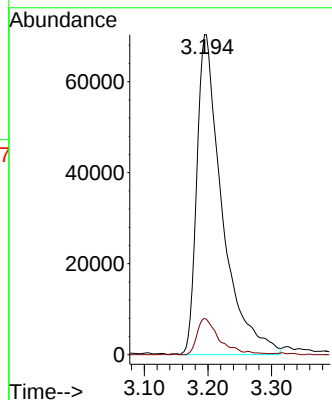
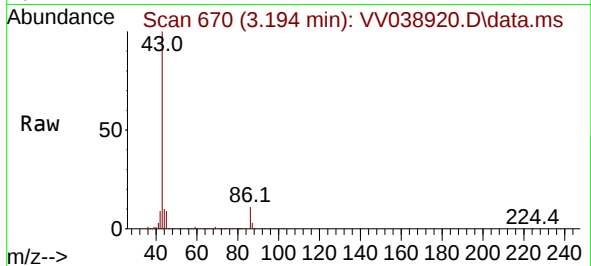




#23
 Vinyl Acetate
 Concen: 12.490 ug/l
 RT: 3.194 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

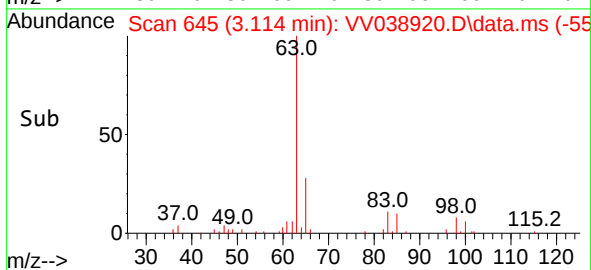
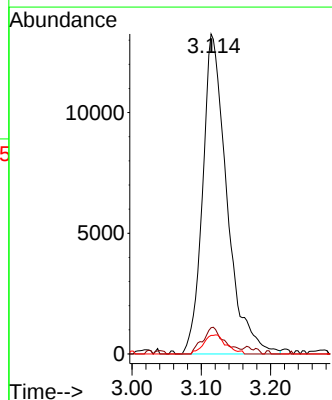
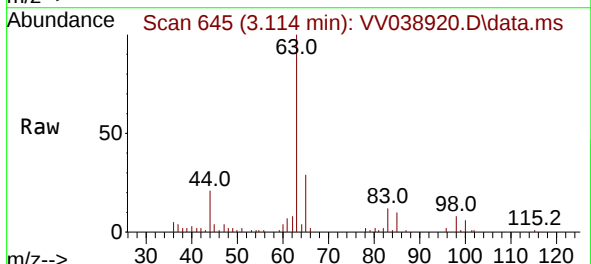
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

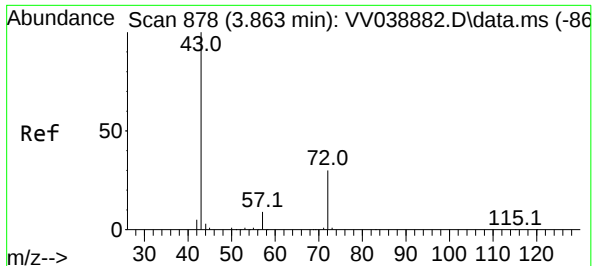
Tgt Ion: 43 Resp: 194512
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 2.477 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

Tgt Ion: 63 Resp: 32215
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.8 2.2 6.6





#25

2-Butanone

Concen: 11.044 ug/l

RT: 3.889 min Scan# 8

Delta R.T. 0.026 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

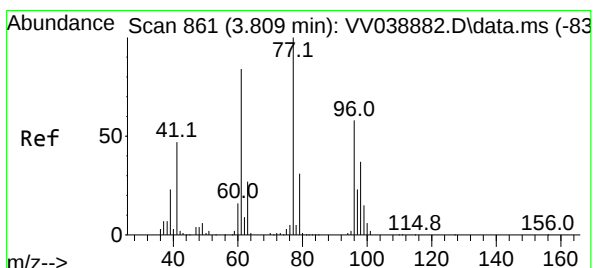
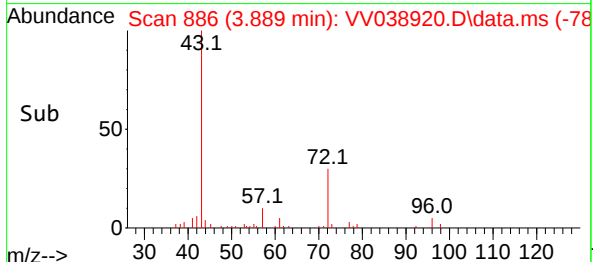
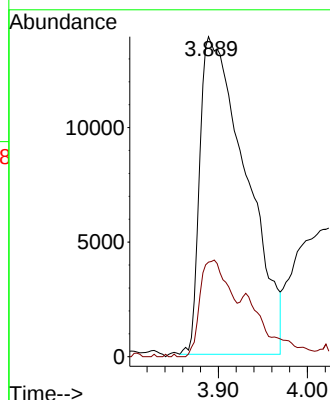
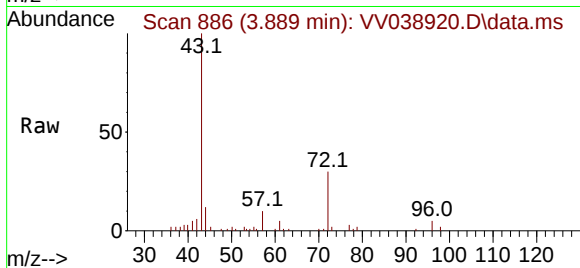
MDL06

Tgt Ion: 43 Resp: 49881

Ion Ratio Lower Upper

43 100

72 29.8 23.9 35.9



#26

2,2-Dichloropropane

Concen: 2.338 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV038920.D

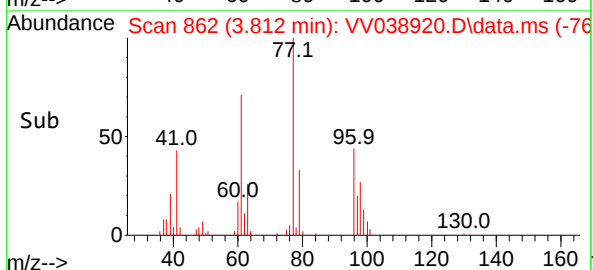
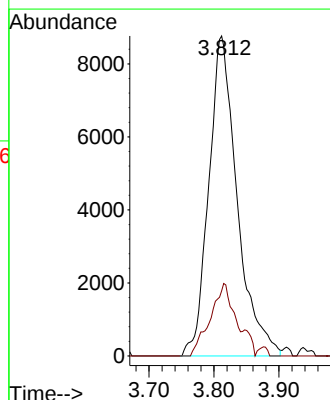
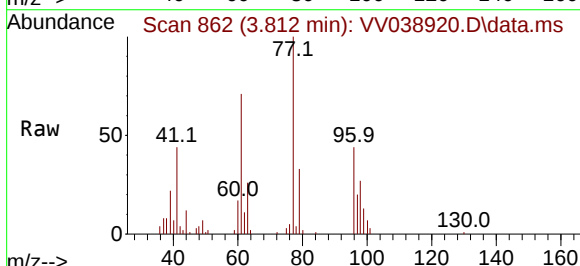
Acq: 18 Jul 2025 14:39

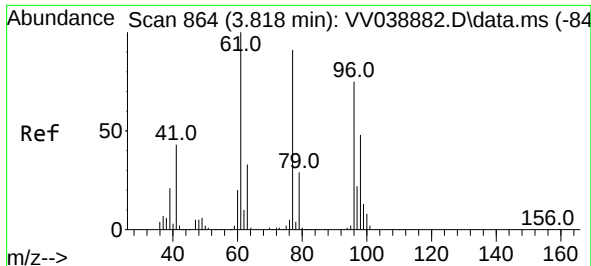
Tgt Ion: 77 Resp: 26620

Ion Ratio Lower Upper

77 100

97 18.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 2.487 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

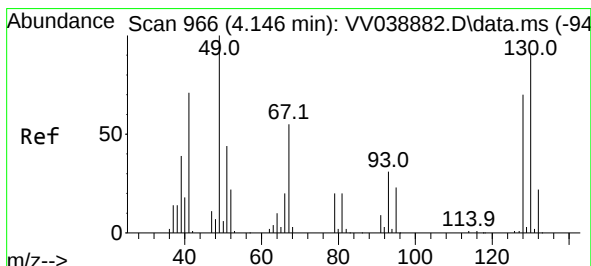
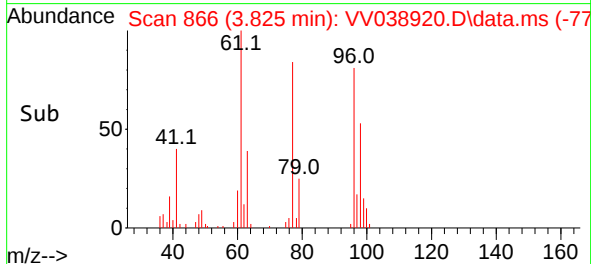
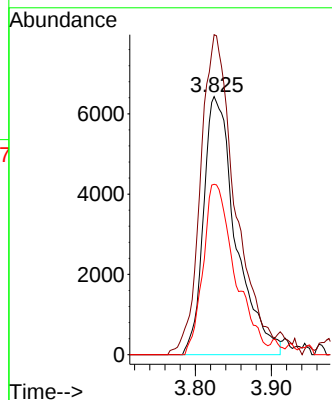
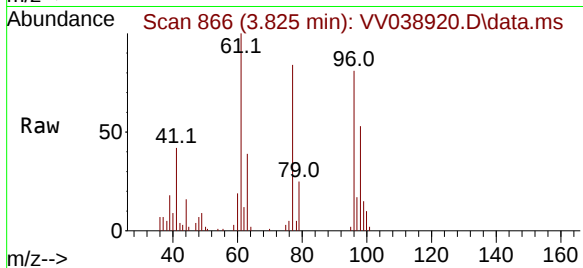
Tgt Ion: 96 Resp: 18955

Ion Ratio Lower Upper

96 100

61 133.1 0.0 275.0

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 2.814 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

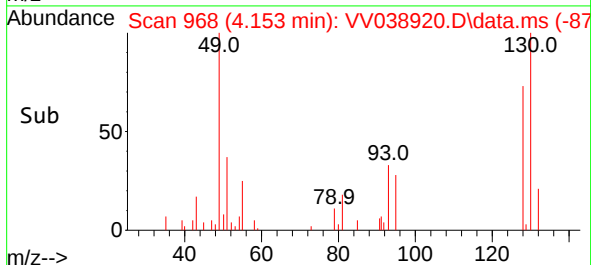
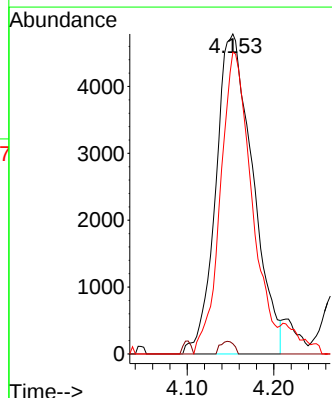
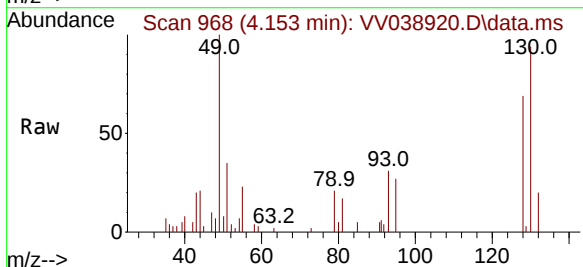
Tgt Ion: 49 Resp: 14166

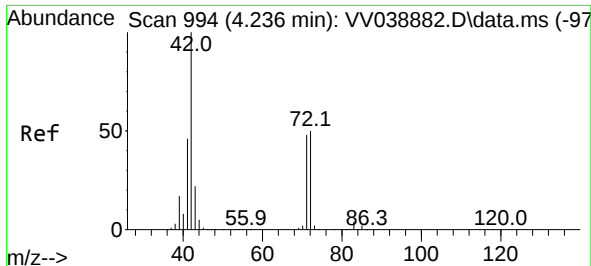
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.8

130 79.8 70.1 105.1

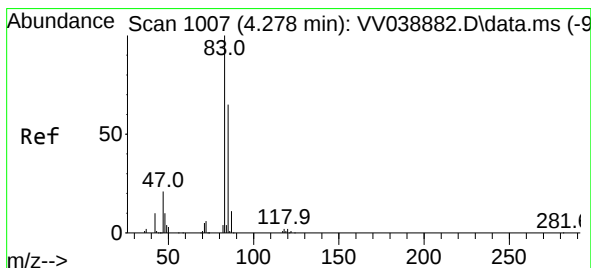
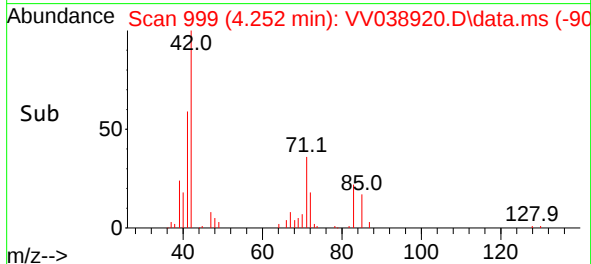
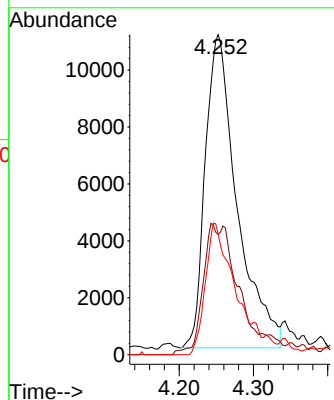
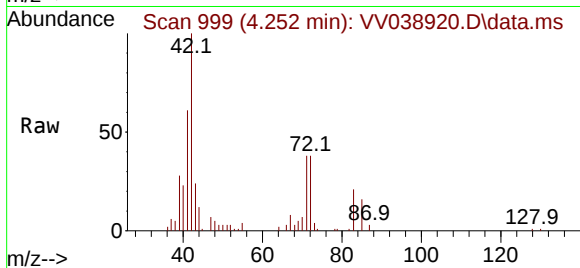




#29
Tetrahydrofuran
Concen: 10.986 ug/l
RT: 4.252 min Scan# 999
Delta R.T. 0.016 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

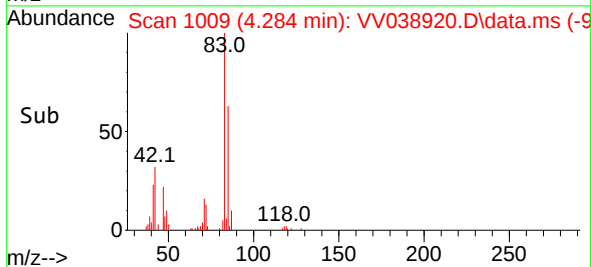
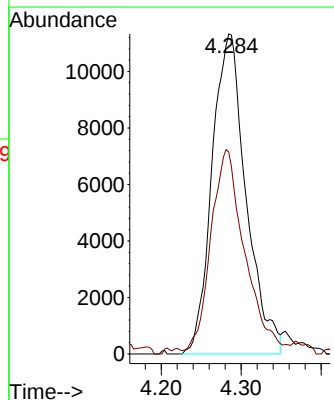
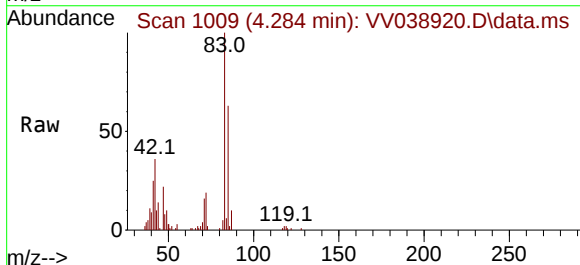
Instrument :
MSVOA_V
ClientSampleId :
MDL06

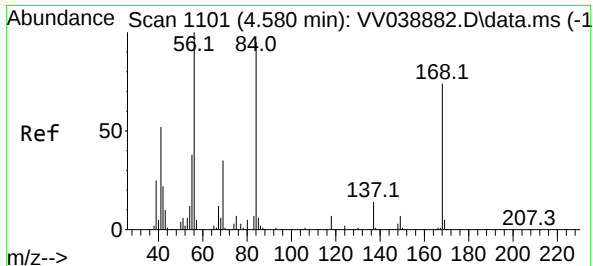
Tgt Ion: 42 Resp: 32703
Ion Ratio Lower Upper
42 100
72 20.2 41.6 62.4#
71 39.2 38.4 57.6



#30
Chloroform
Concen: 2.335 ug/l
RT: 4.284 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 83 Resp: 33487
Ion Ratio Lower Upper
83 100
85 61.8 52.2 78.4





#31

Cyclohexane

Concen: 3.735 ug/l

RT: 4.590 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

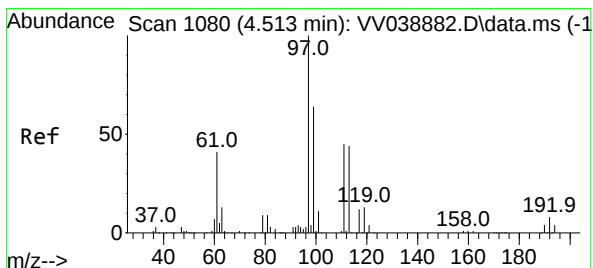
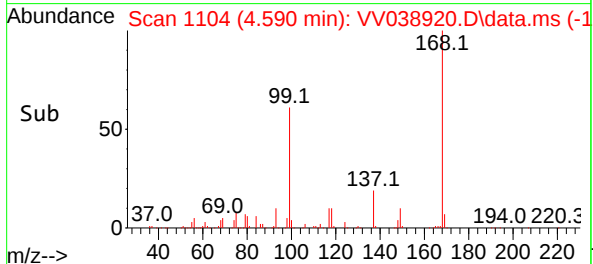
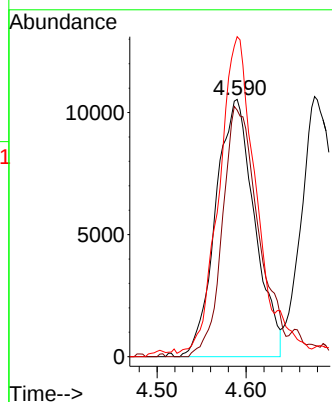
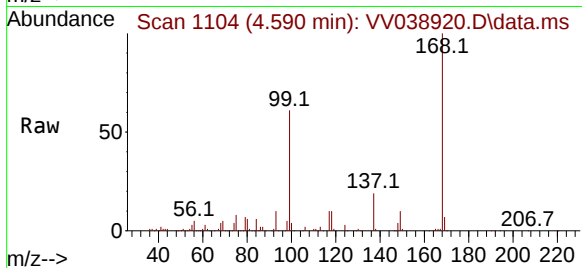
Tgt Ion: 56 Resp: 31888

Ion Ratio Lower Upper

56 100

69 95.8 28.2 42.2#

84 122.5 76.0 114.0#



#32

1,1,1-Trichloroethane

Concen: 2.302 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

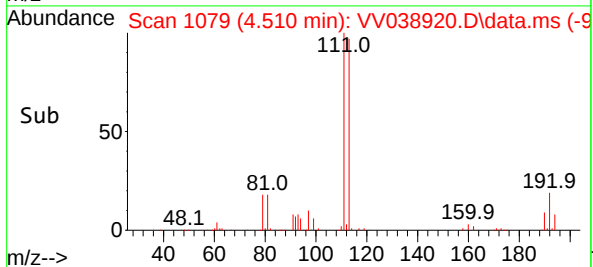
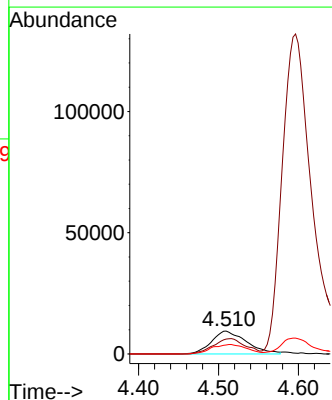
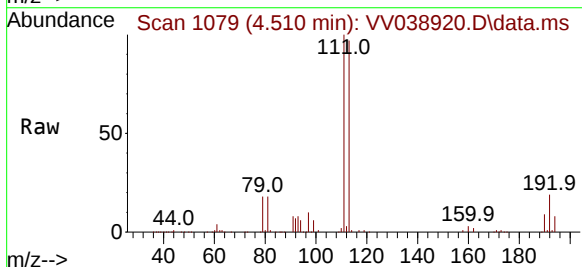
Tgt Ion: 97 Resp: 28798

Ion Ratio Lower Upper

97 100

99 60.7 50.1 75.1

61 41.1 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 53.685 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

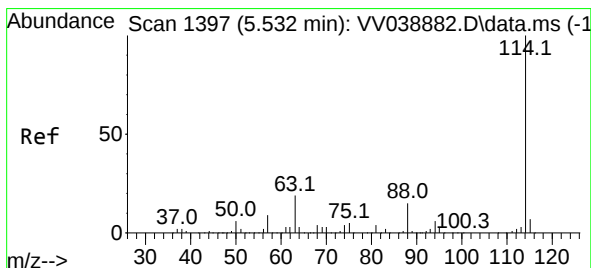
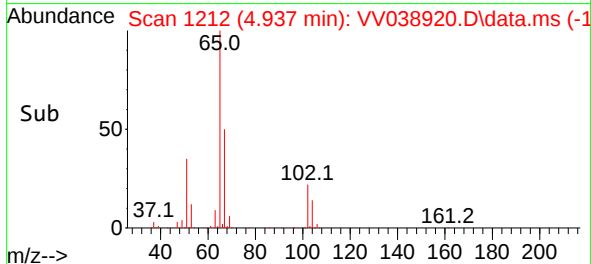
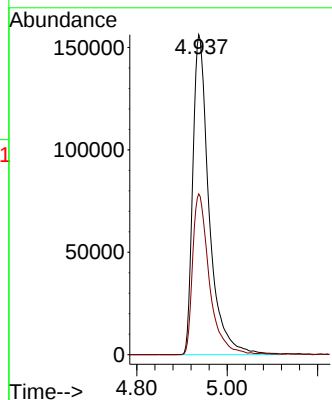
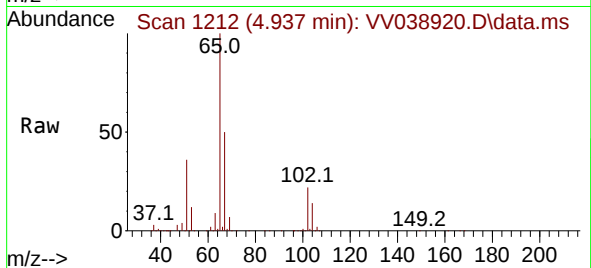
MDL06

Tgt Ion: 65 Resp: 390933

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

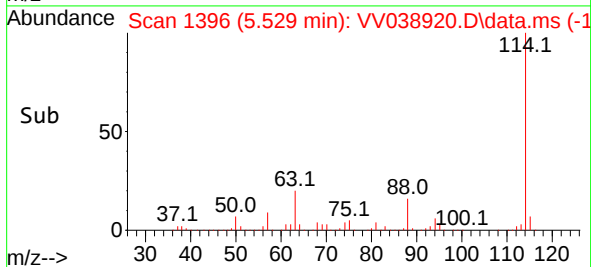
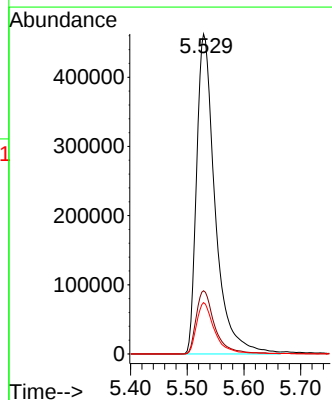
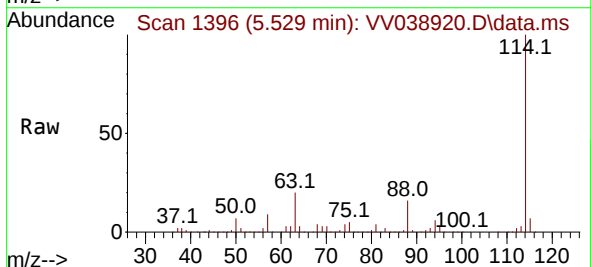
Tgt Ion: 114 Resp: 1049673

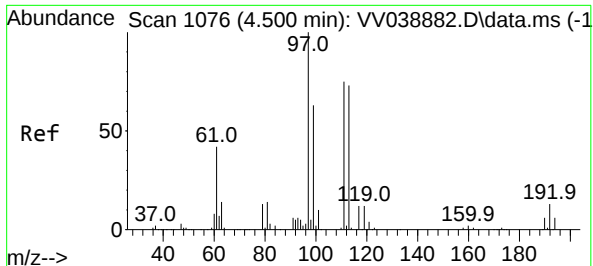
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.2

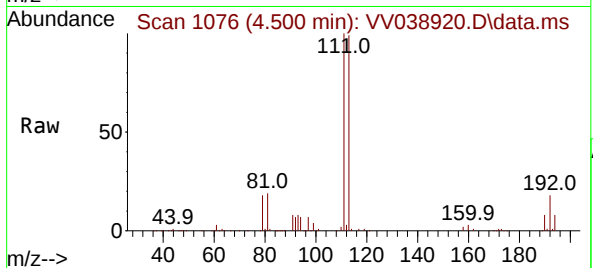
88 16.1 0.0 30.8



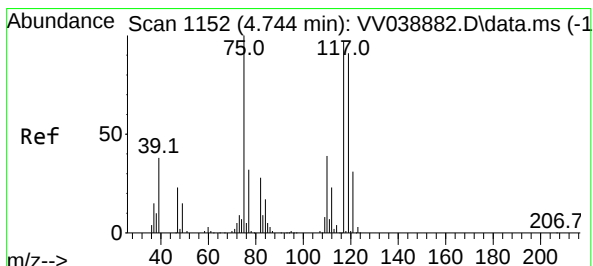
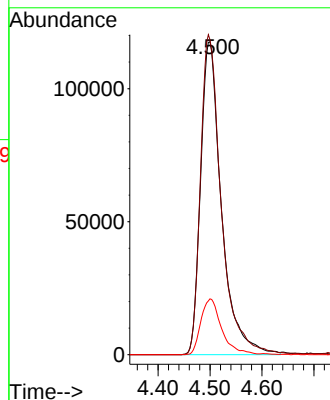
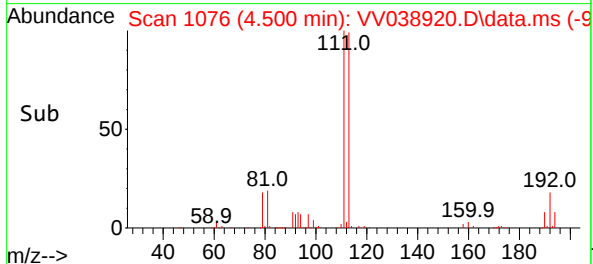


#35
Dibromofluoromethane
Concen: 45.867 ug/l
RT: 4.500 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

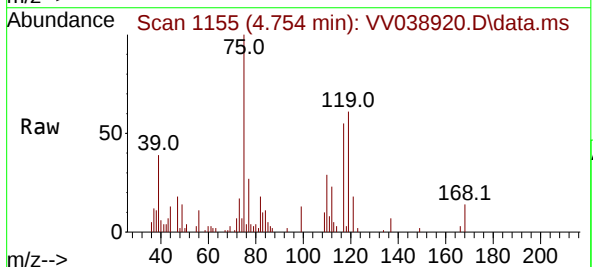
Instrument :
MSVOA_V
ClientSampleId :
MDL06



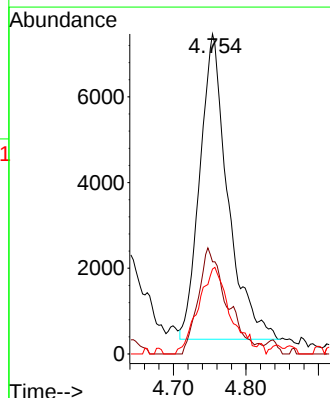
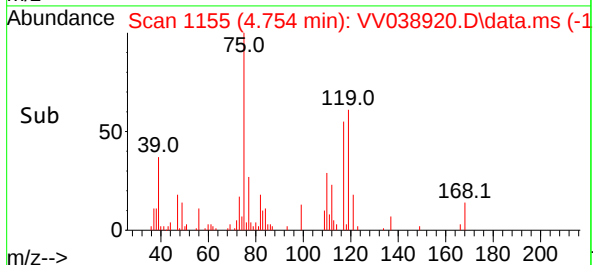
Tgt Ion:113 Resp: 328252
Ion Ratio Lower Upper
113 100
111 101.9 83.3 124.9
192 17.8 14.2 21.4

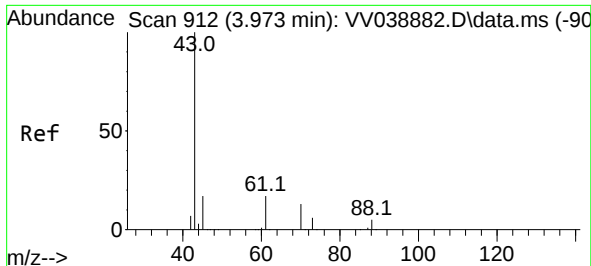


#36
1,1-Dichloropropene
Concen: 2.317 ug/l
RT: 4.754 min Scan# 1155
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39



Tgt Ion: 75 Resp: 19057
Ion Ratio Lower Upper
75 100
110 36.4 18.8 56.3
77 32.1 24.2 36.4





#37

Ethyl Acetate

Concen: 2.256 ug/l

RT: 4.024 min Scan# 91

Delta R.T. 0.051 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

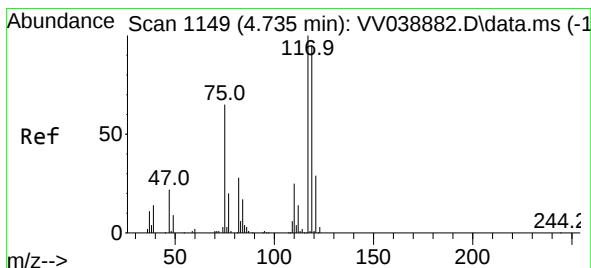
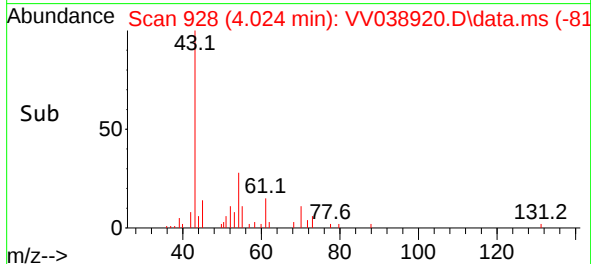
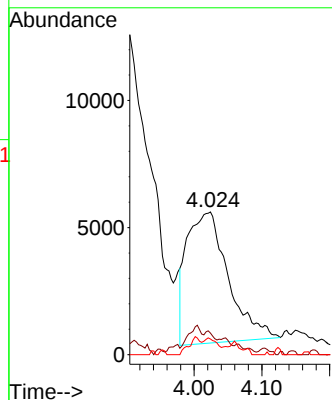
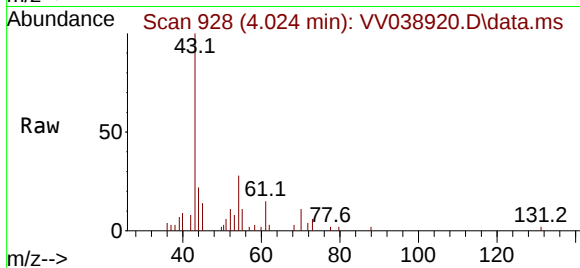
Tgt Ion: 43 Resp: 21845

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 2.7 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 1.892 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

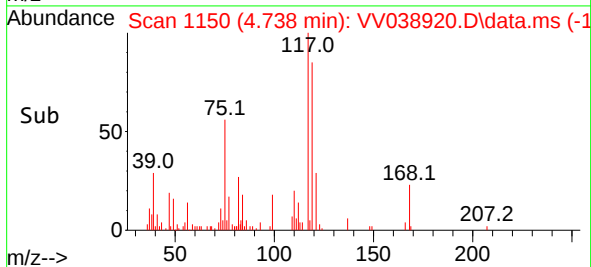
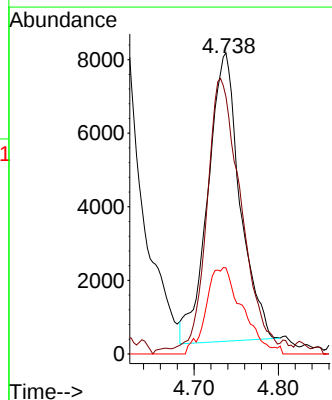
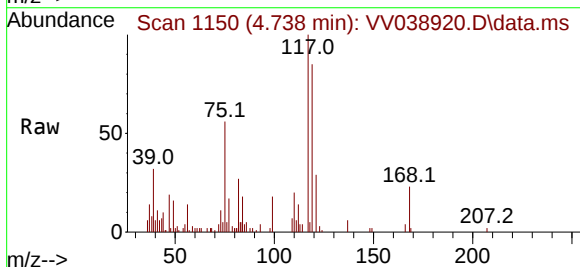
Tgt Ion: 117 Resp: 20675

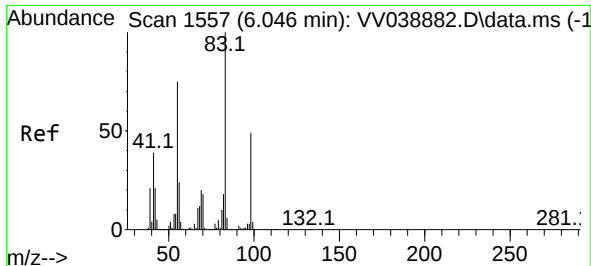
Ion Ratio Lower Upper

117 100

119 87.1 76.0 114.0

121 30.2 23.1 34.7





#39

Methylcyclohexane

Concen: 2.378 ug/l

RT: 6.046 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

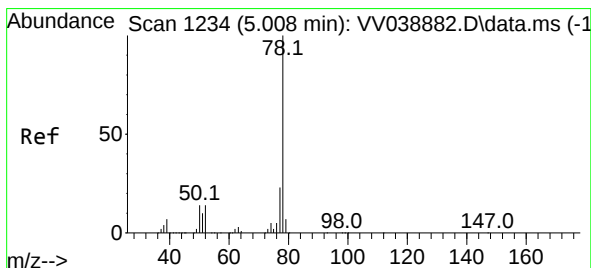
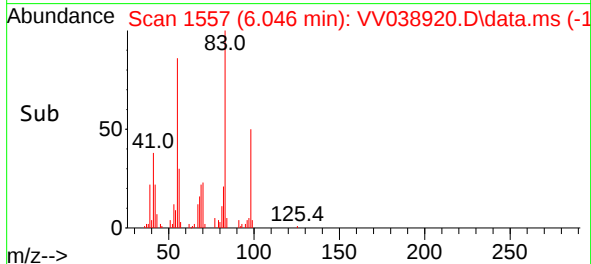
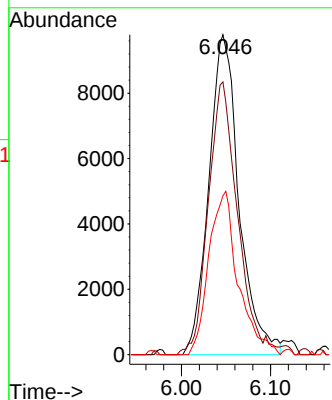
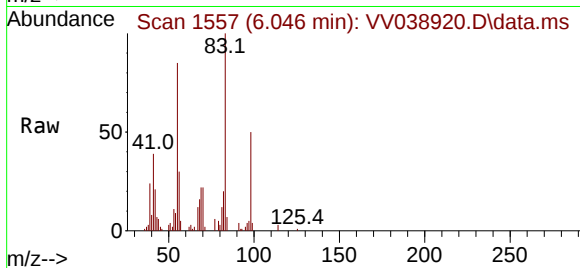
Tgt Ion: 83 Resp: 23077

Ion Ratio Lower Upper

83 100

55 84.1 60.0 90.0

98 49.6 39.0 58.6



#40

Benzene

Concen: 2.323 ug/l

RT: 5.018 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VV038920.D

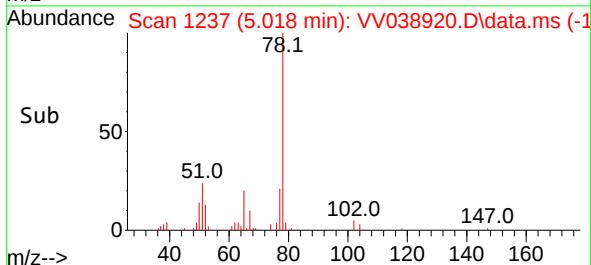
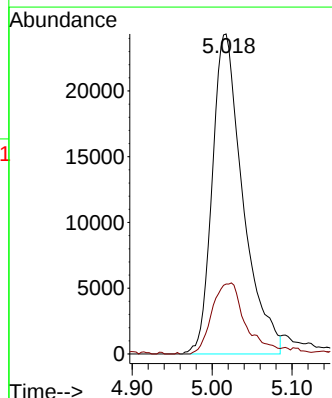
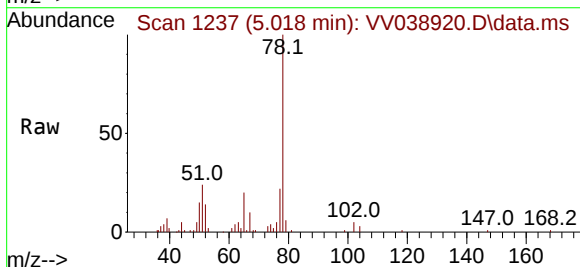
Acq: 18 Jul 2025 14:39

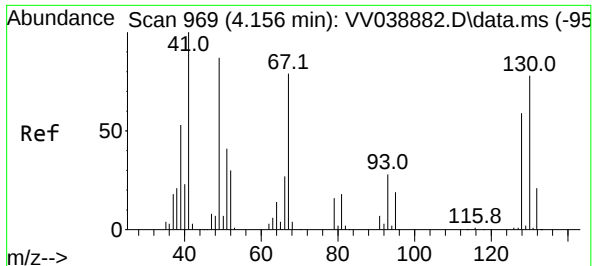
Tgt Ion: 78 Resp: 64781

Ion Ratio Lower Upper

78 100

77 21.8 18.6 28.0

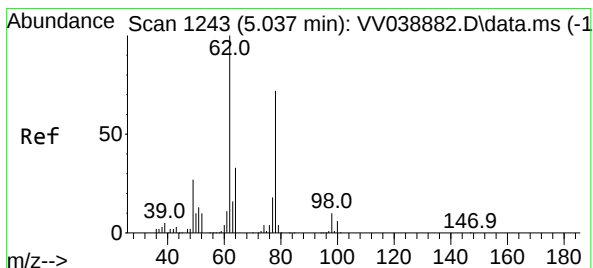
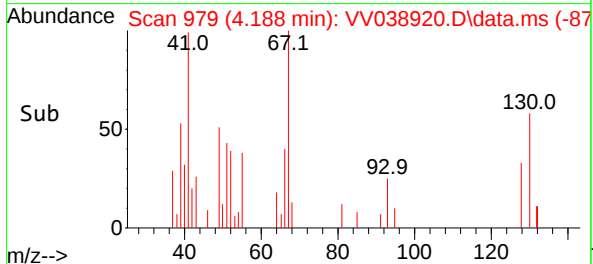
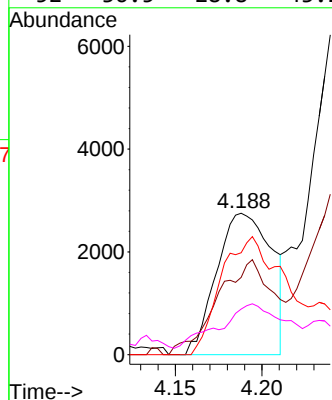
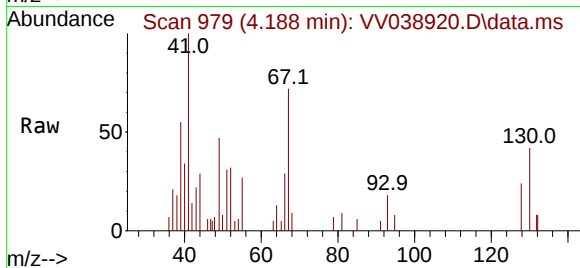




#41
Methacrylonitrile
Concen: 1.370 ug/l
RT: 4.188 min Scan# 91
Delta R.T. 0.032 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

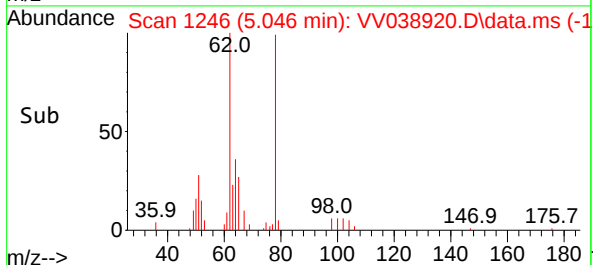
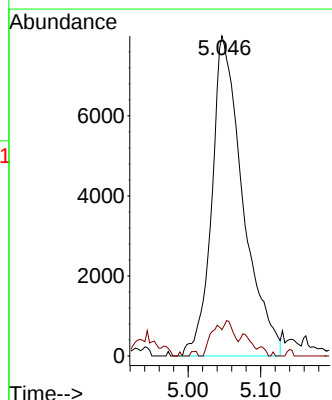
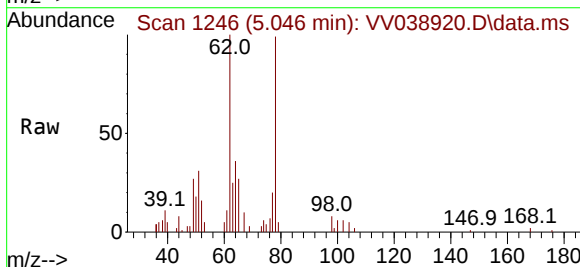
Instrument :
MSVOA_V
ClientSampleId :
MDL06

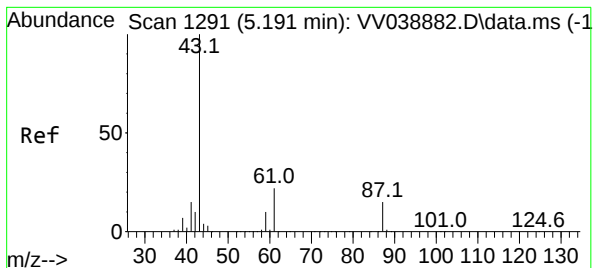
Tgt Ion: 41 Resp: 6089
Ion Ratio Lower Upper
41 100
39 68.4 42.0 63.0#
67 96.2 76.2 114.2
52 36.5 28.8 43.2



#42
1,2-Dichloroethane
Concen: 2.242 ug/l
RT: 5.046 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 62 Resp: 23827
Ion Ratio Lower Upper
62 100
98 3.1 0.0 18.8





#43

Isopropyl Acetate

Concen: 1.929 ug/l

RT: 5.210 min Scan# 1297

Delta R.T. 0.019 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

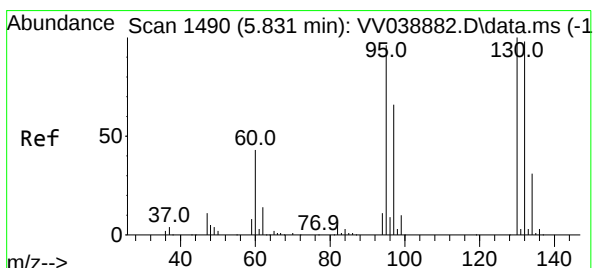
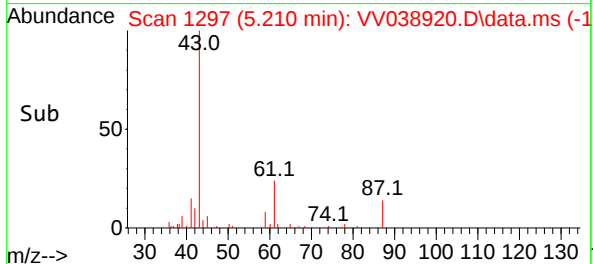
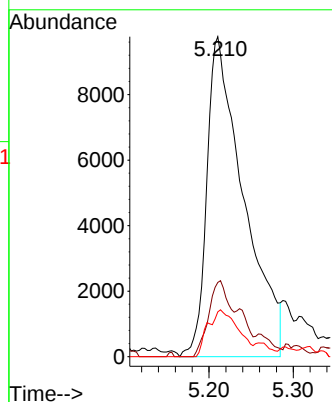
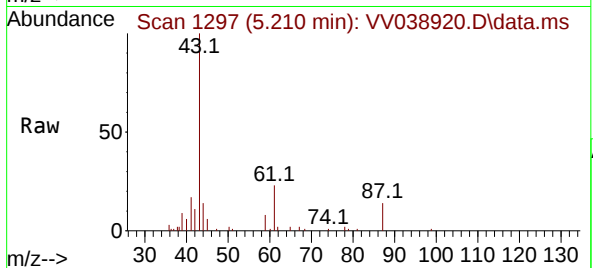
Tgt Ion: 43 Resp: 29536

Ion Ratio Lower Upper

43 100

61 13.7 17.1 25.7#

87 12.1 12.2 18.4#



#44

Trichloroethene

Concen: 2.272 ug/l

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV038920.D

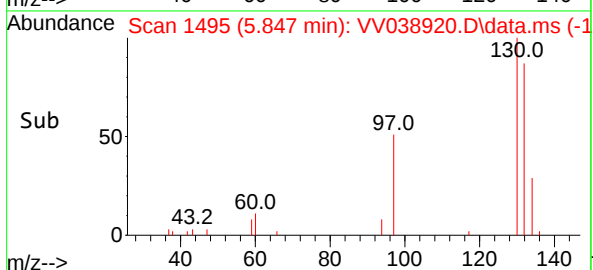
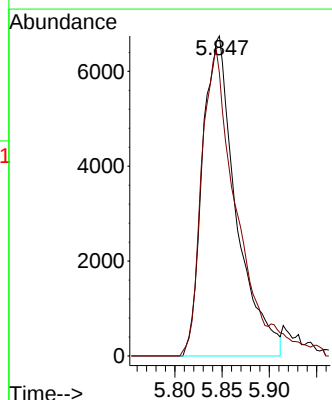
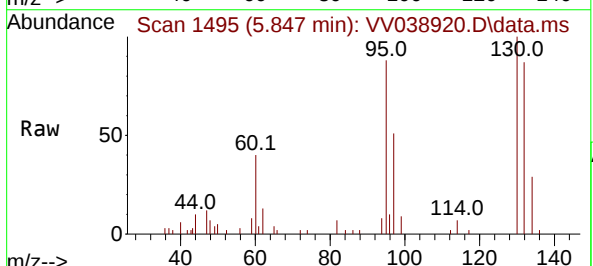
Acq: 18 Jul 2025 14:39

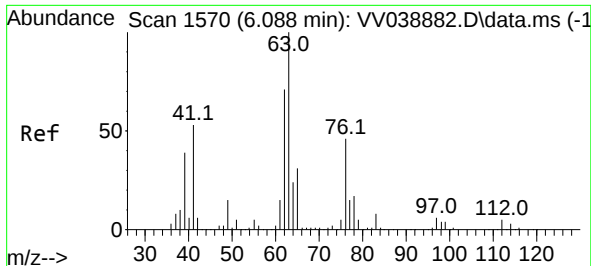
Tgt Ion:130 Resp: 16556

Ion Ratio Lower Upper

130 100

95 88.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 2.207 ug/l

RT: 6.098 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

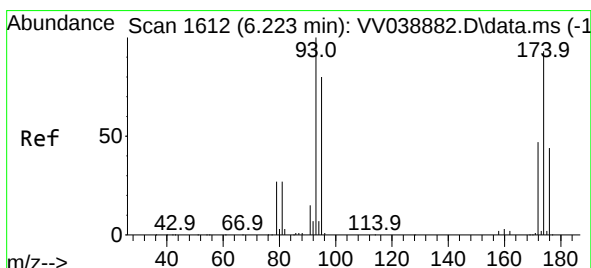
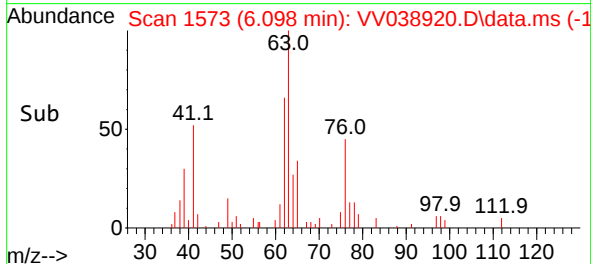
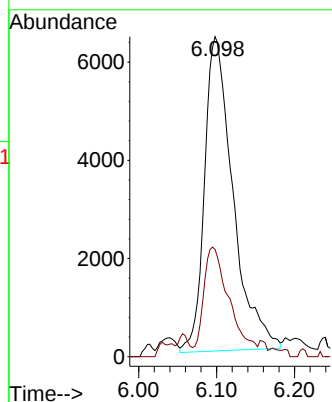
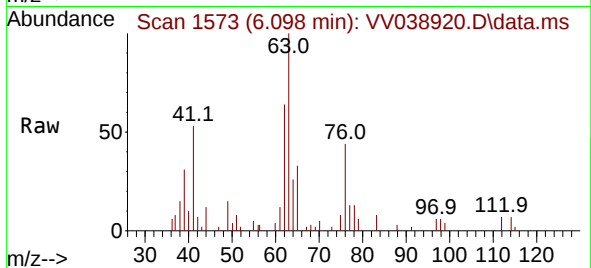
MDL06

Tgt Ion: 63 Resp: 16252

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 2.168 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

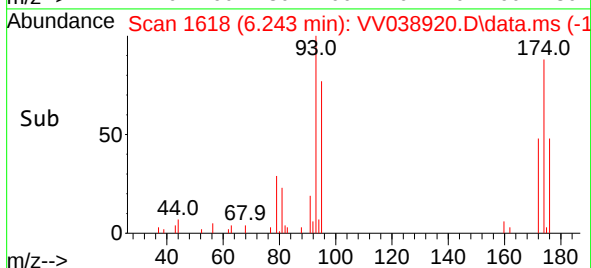
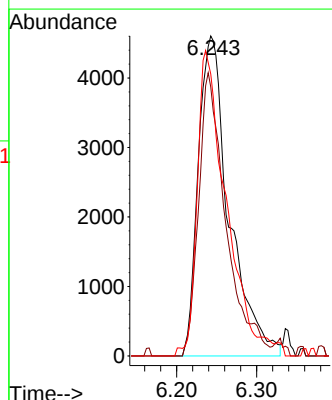
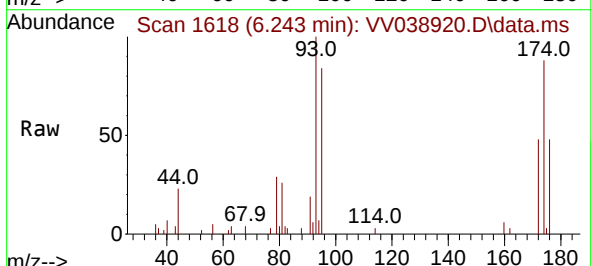
Tgt Ion: 93 Resp: 12356

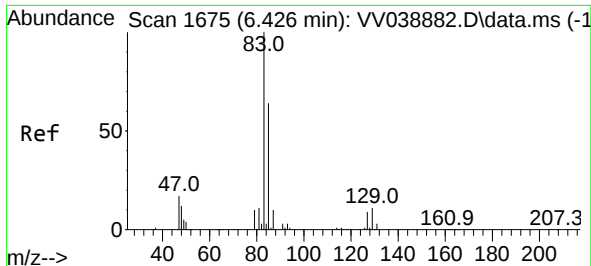
Ion Ratio Lower Upper

93 100

95 78.2 66.2 99.4

174 89.6 75.3 112.9

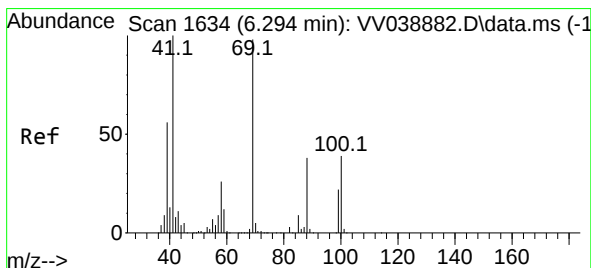
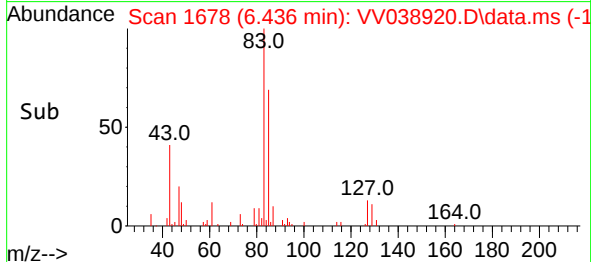
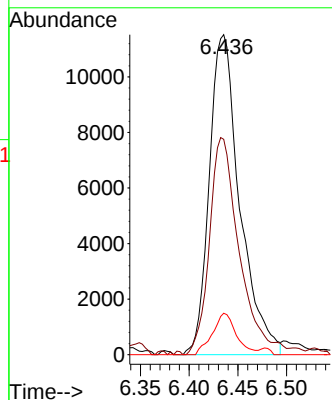
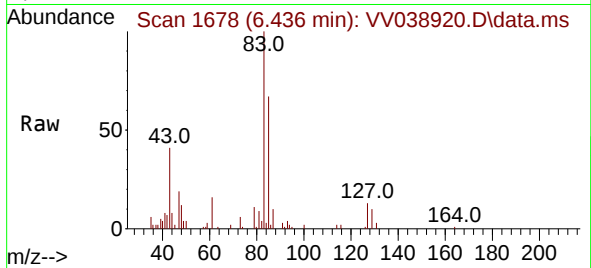




#47
Bromodichloromethane
Concen: 2.072 ug/l
RT: 6.436 min Scan# 1675
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

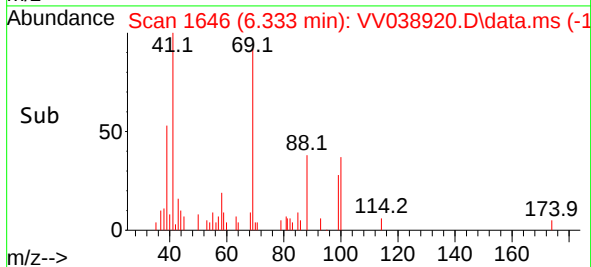
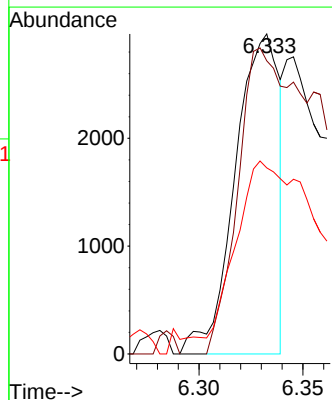
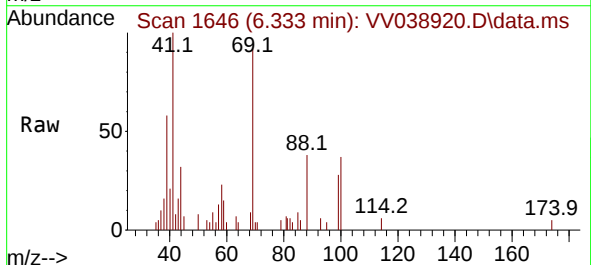
Instrument :
MSVOA_V
ClientSampleId :
MDL06

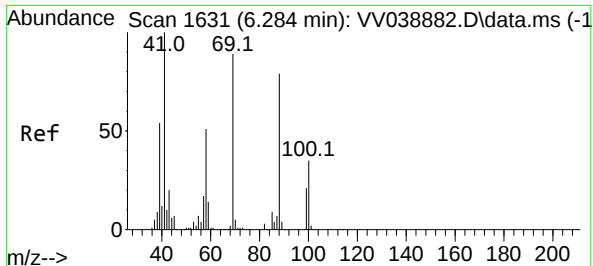
Tgt Ion: 83 Resp: 25056
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.0
127 13.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.659 ug/l
RT: 6.333 min Scan# 1646
Delta R.T. 0.039 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 41 Resp: 4379
Ion Ratio Lower Upper
41 100
69 246.8 79.4 119.2#
39 97.8 44.0 66.0#





#49

1,4-Dioxane

Concen: 37.212 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

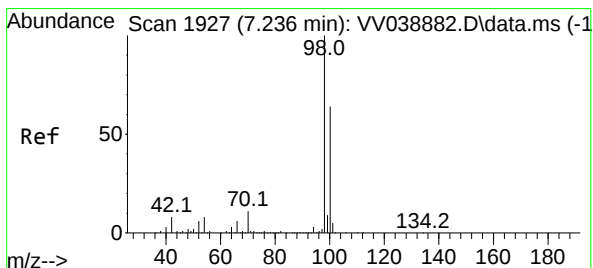
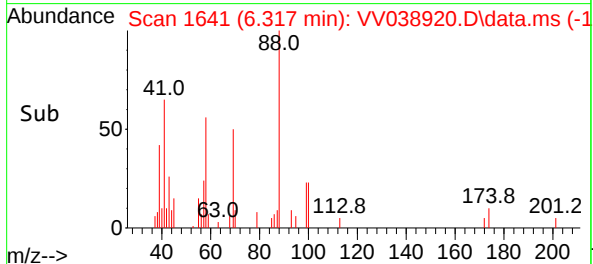
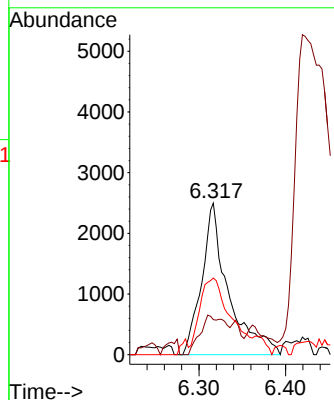
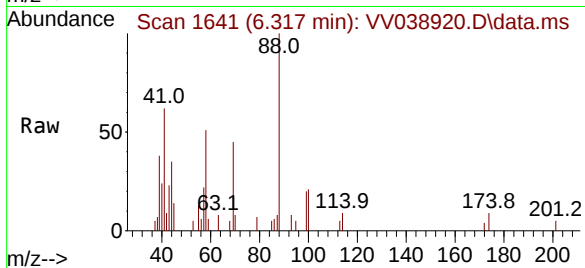
Tgt Ion: 88 Resp: 5329

Ion Ratio Lower Upper

88 100

43 15.5 23.0 34.4#

58 51.5 53.8 80.6#



#50

Toluene-d8

Concen: 53.551 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038920.D

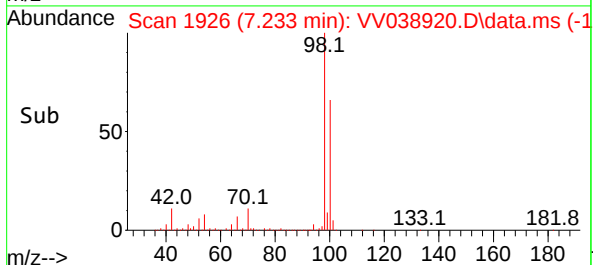
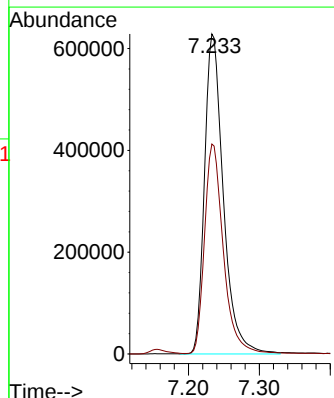
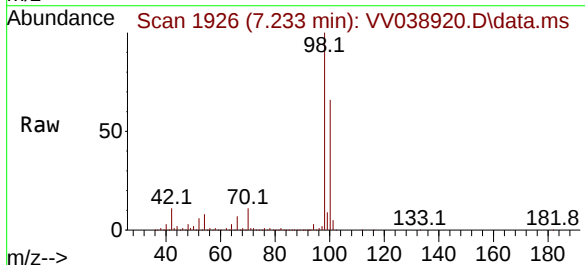
Acq: 18 Jul 2025 14:39

Tgt Ion: 98 Resp: 1158450

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3

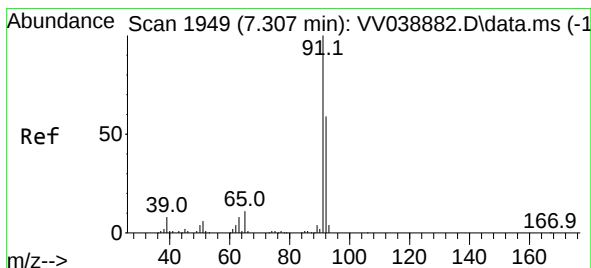
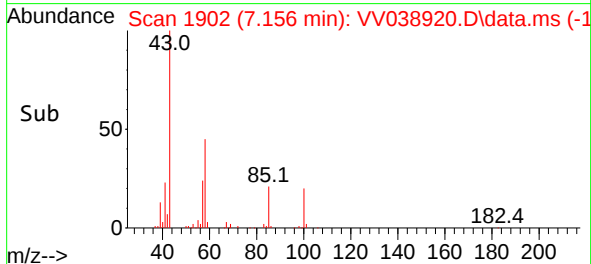
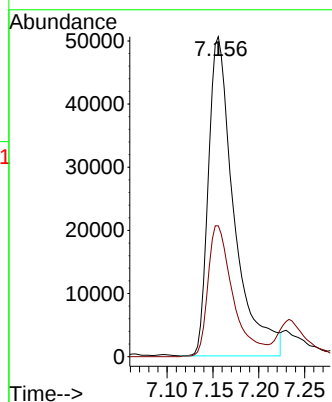
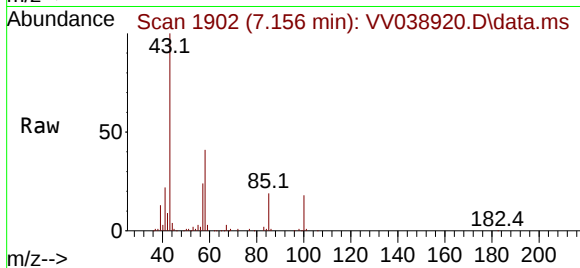




#51
4-Methyl-2-Pentanone
Concen: 9.434 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

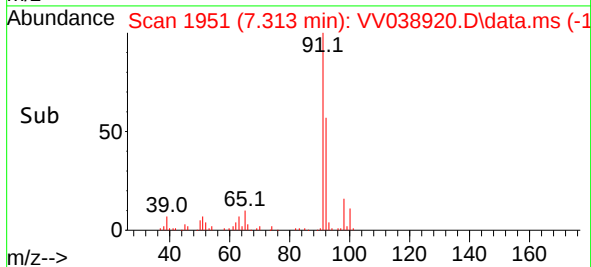
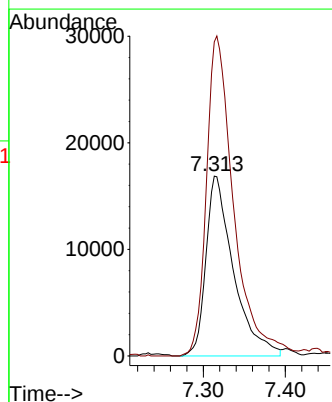
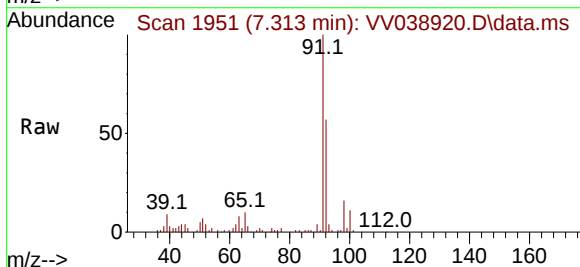
Instrument :
MSVOA_V
ClientSampleId :
MDL06

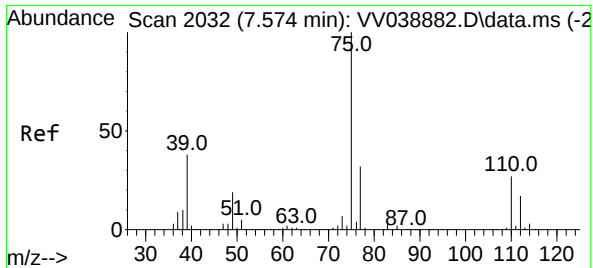
Tgt Ion: 43 Resp: 98383
Ion Ratio Lower Upper
43 100
58 40.3 34.5 51.7



#52
Toluene
Concen: 2.246 ug/l
RT: 7.313 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 92 Resp: 39454
Ion Ratio Lower Upper
92 100
91 176.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 2.049 ug/l

RT: 7.590 min Scan# 2032

Delta R.T. 0.016 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

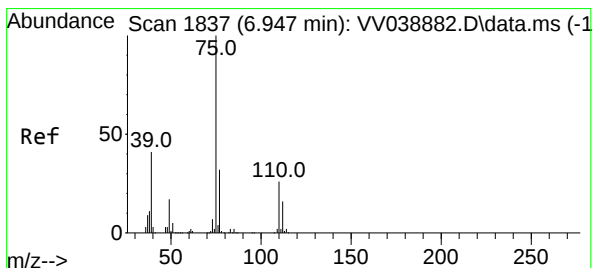
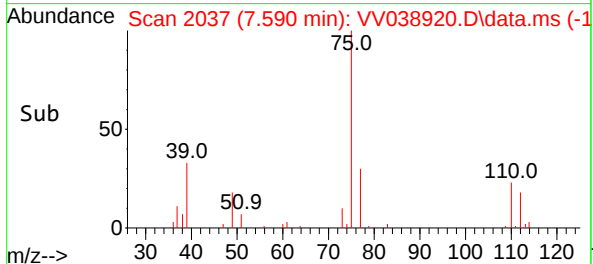
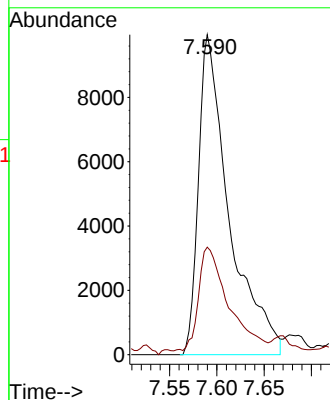
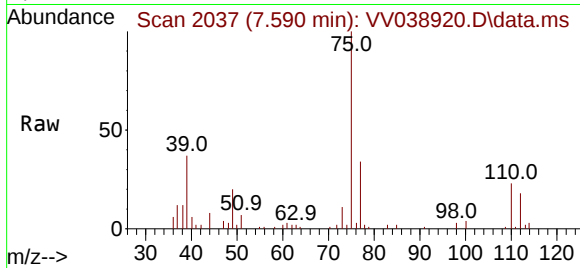
MDL06

Tgt Ion: 75 Resp: 22421

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 1.962 ug/l

RT: 6.963 min Scan# 1842

Delta R.T. 0.016 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

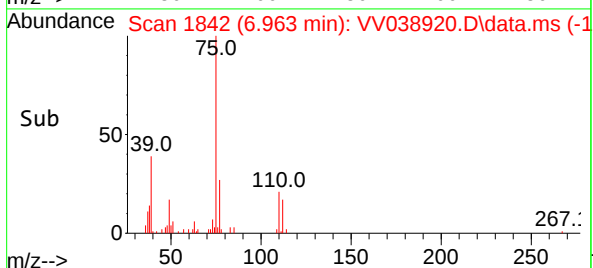
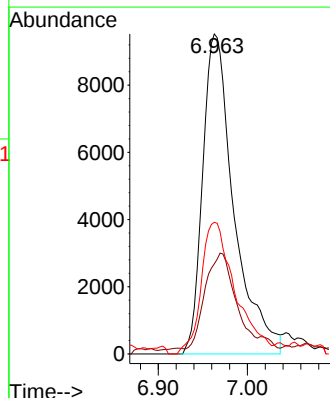
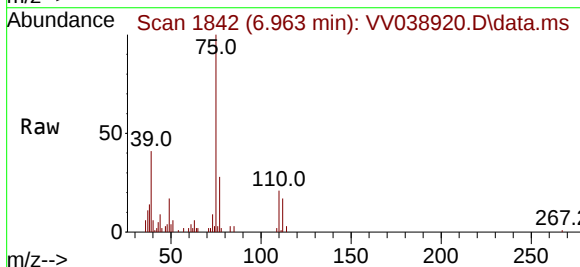
Tgt Ion: 75 Resp: 23213

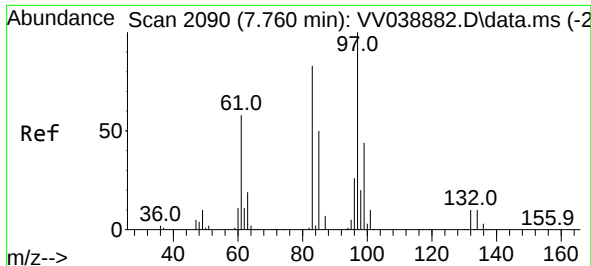
Ion Ratio Lower Upper

75 100

77 26.4 25.5 38.3

39 39.9 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 2.155 ug/l

RT: 7.770 min Scan# 2090

Delta R.T. 0.010 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 18094

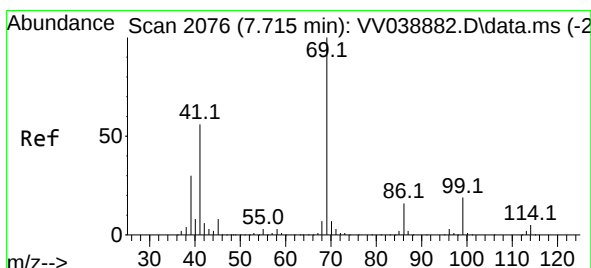
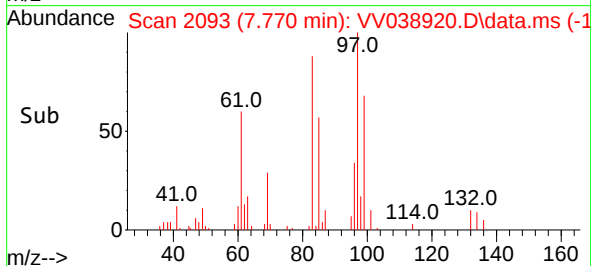
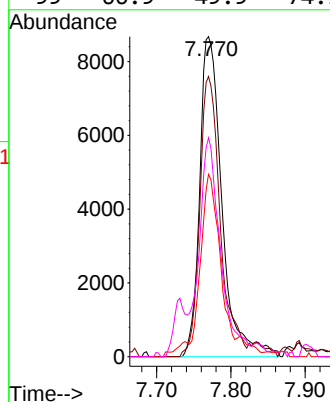
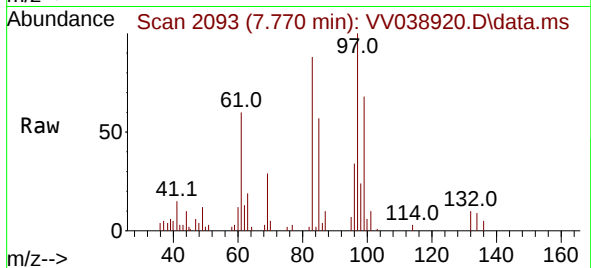
Ion Ratio Lower Upper

97 100

83 87.5 66.2 99.4

85 55.5 41.4 62.2

99 66.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 1.726 ug/l

RT: 7.731 min Scan# 2081

Delta R.T. 0.016 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

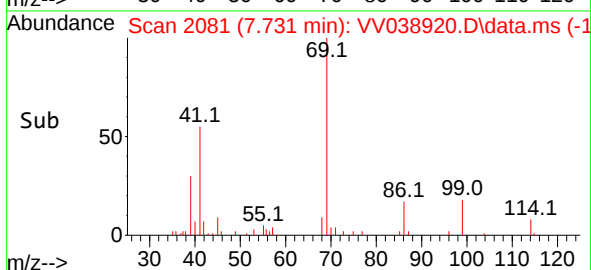
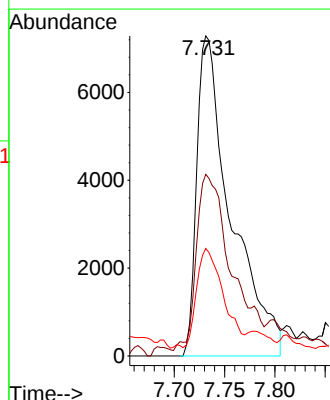
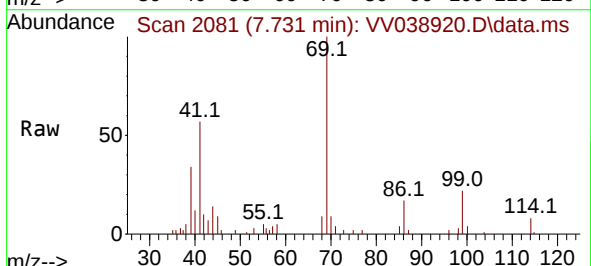
Tgt Ion: 69 Resp: 17217

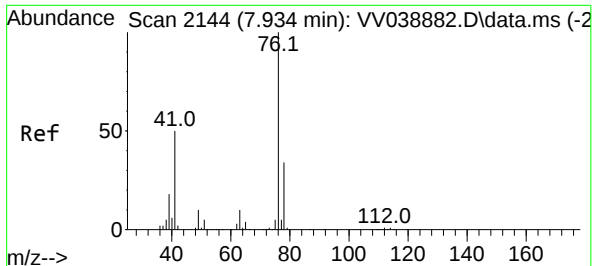
Ion Ratio Lower Upper

69 100

41 56.2 45.7 68.5

39 24.2 23.8 35.8





#57

1,3-Dichloropropane

Concen: 2.074 ug/l

RT: 7.943 min Scan# 2144

Delta R.T. 0.010 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

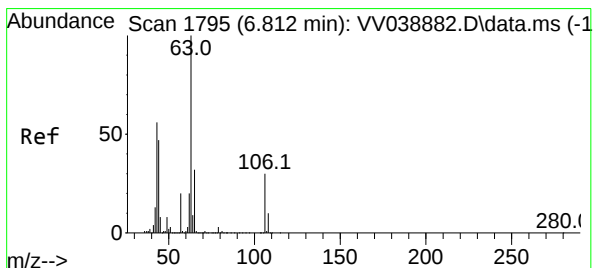
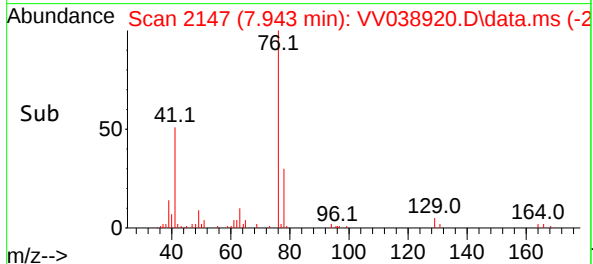
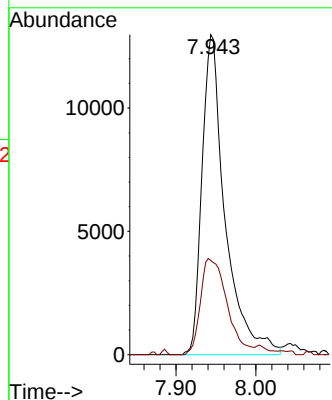
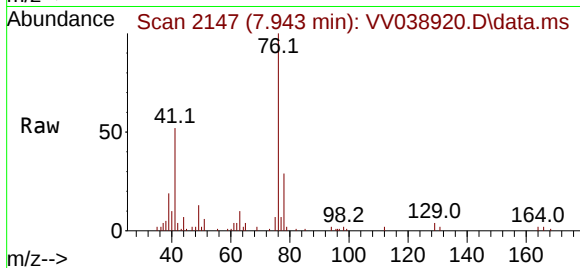
MDL06

Tgt Ion: 76 Resp: 26103

Ion Ratio Lower Upper

76 100

78 34.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 7.893 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.013 min

Lab File: VV038920.D

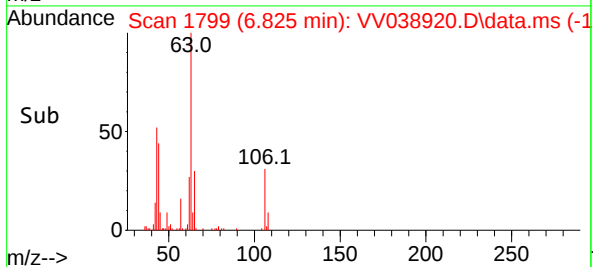
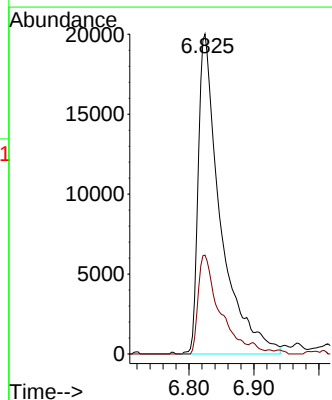
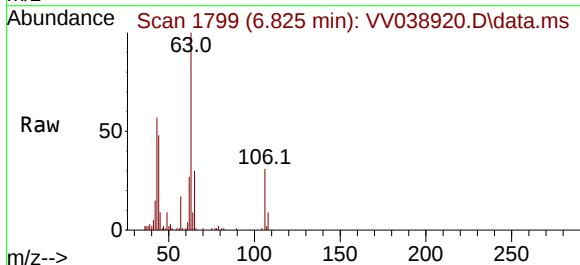
Acq: 18 Jul 2025 14:39

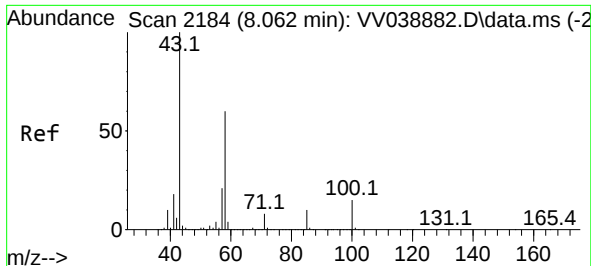
Tgt Ion: 63 Resp: 47522

Ion Ratio Lower Upper

63 100

106 29.2 24.1 36.1

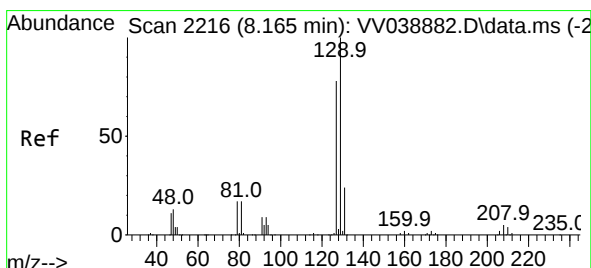
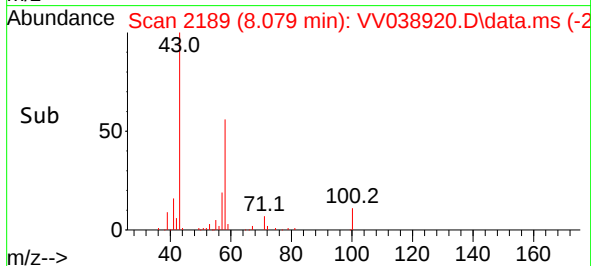
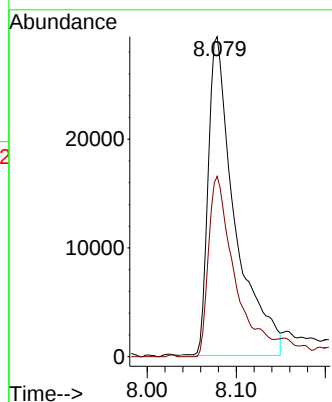
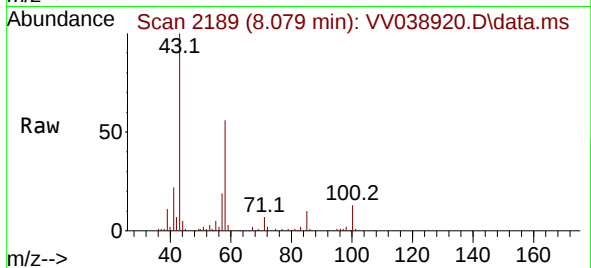




#59
2-Hexanone
Concen: 7.855 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.016 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

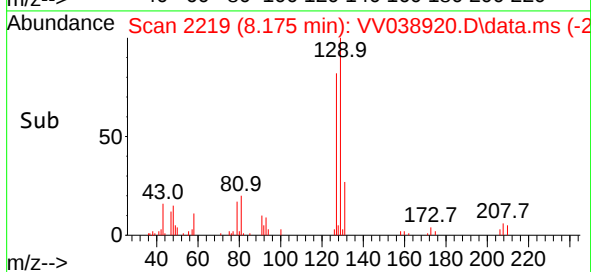
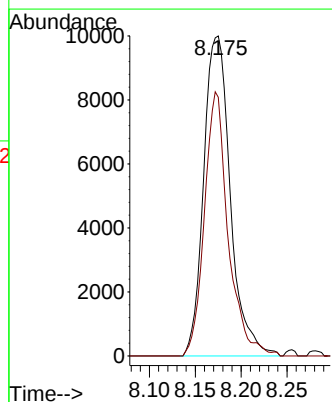
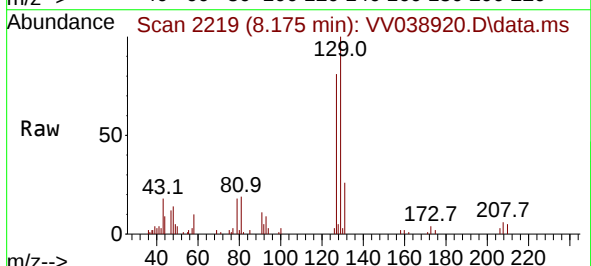
Instrument :
MSVOA_V
ClientSampleId :
MDL06

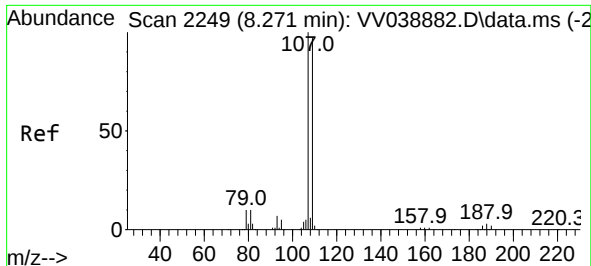
Tgt Ion: 43 Resp: 60976
Ion Ratio Lower Upper
43 100
58 55.3 29.6 88.8



#60
Dibromochloromethane
Concen: 2.050 ug/l
RT: 8.175 min Scan# 2219
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 129 Resp: 20264
Ion Ratio Lower Upper
129 100
127 73.5 39.4 118.2

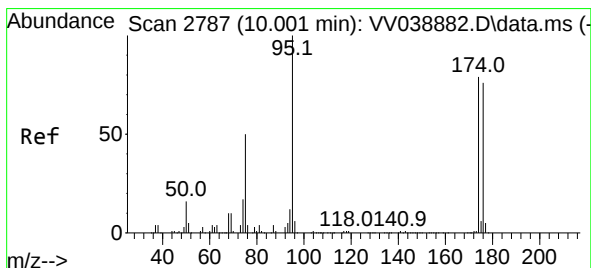
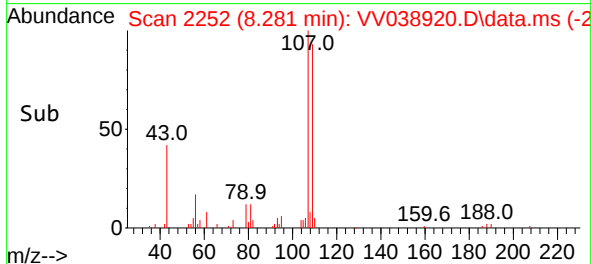
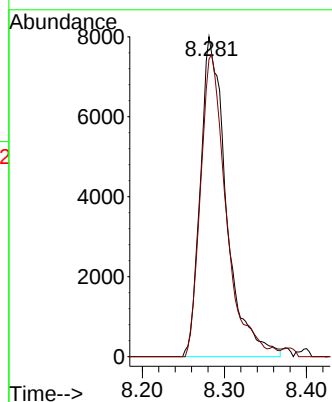
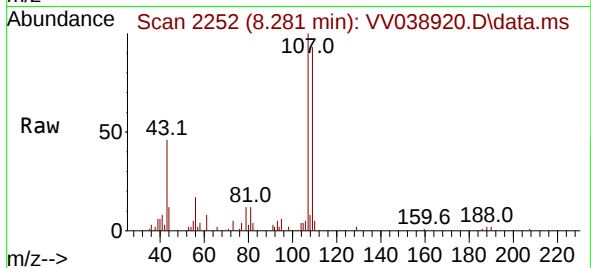




#61
1,2-Dibromoethane
Concen: 2.077 ug/l
RT: 8.281 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

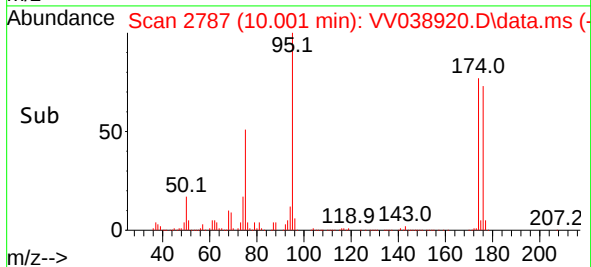
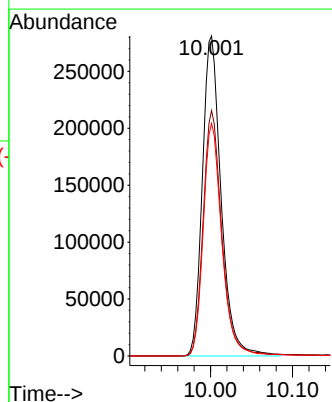
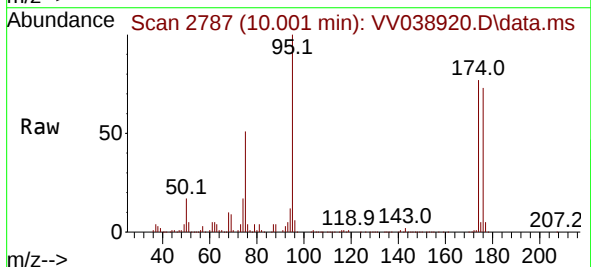
Instrument :
MSVOA_V
ClientSampleId :
MDL06

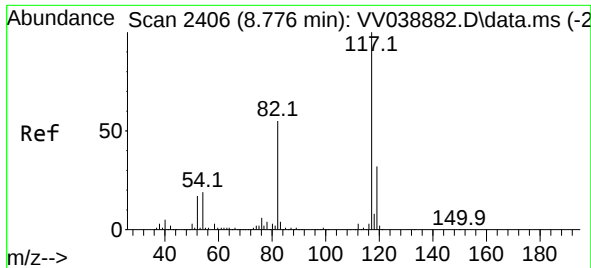
Tgt Ion:107 Resp: 17566
Ion Ratio Lower Upper
107 100
109 92.9 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 51.212 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 95 Resp: 446278
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.0
176 72.4 0.0 152.2

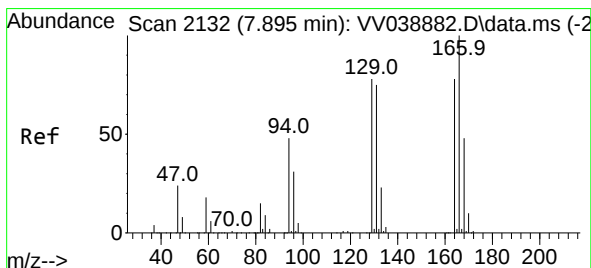
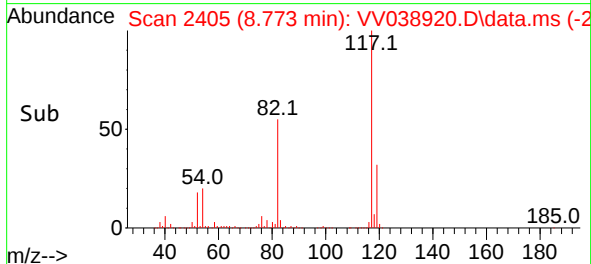
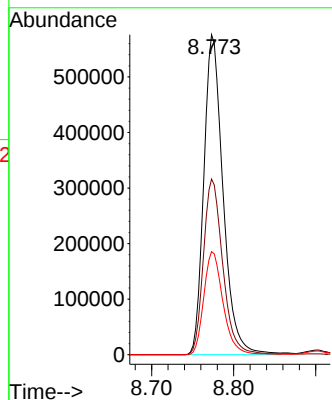
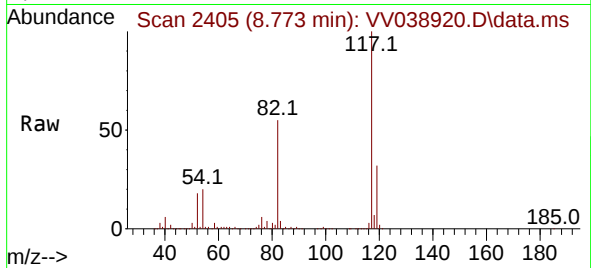




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

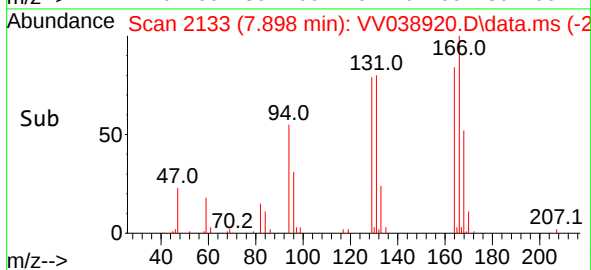
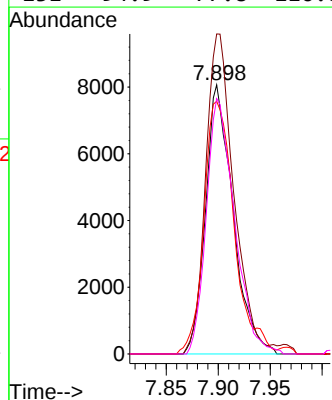
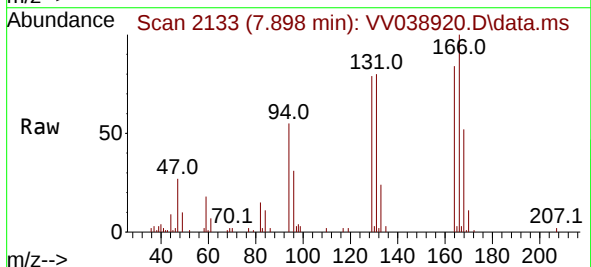
Instrument :
MSVOA_V
ClientSampleId :
MDL06

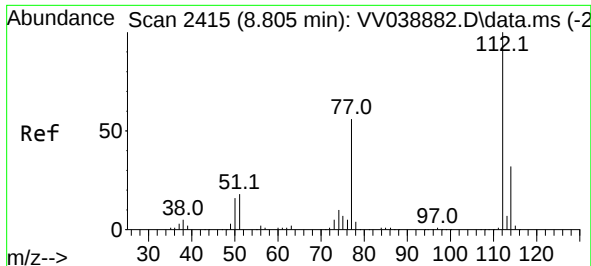
Tgt Ion:117 Resp: 938373
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 2.418 ug/l
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:164 Resp: 14882
Ion Ratio Lower Upper
164 100
166 118.9 103.2 154.8
129 92.4 81.0 121.4
131 94.9 77.8 116.8

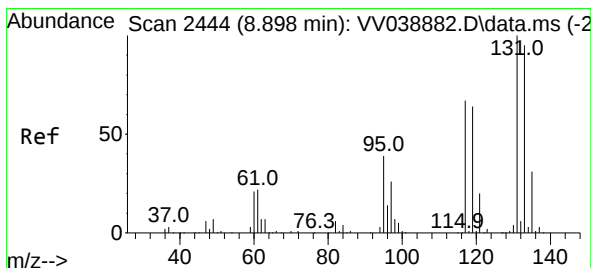
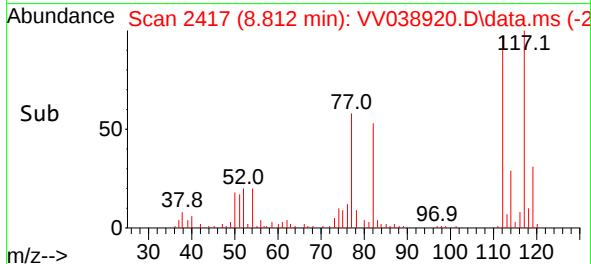
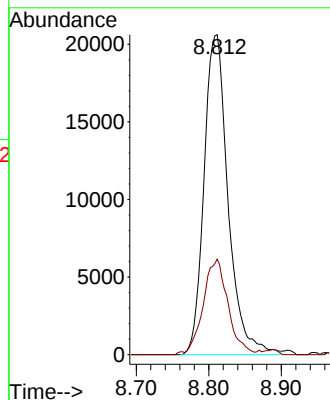
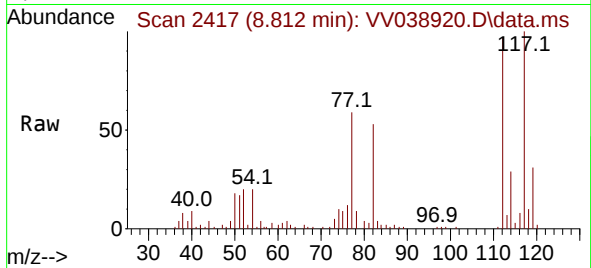




#65
Chlorobenzene
Concen: 2.319 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

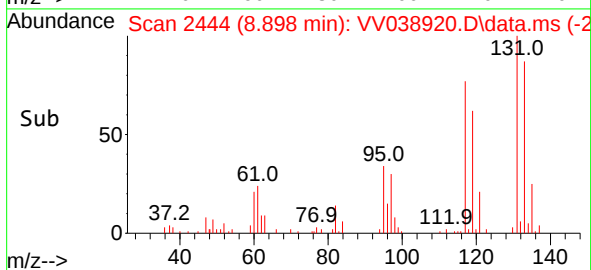
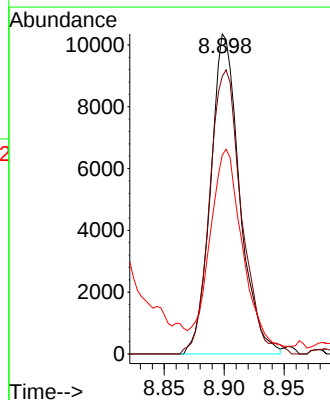
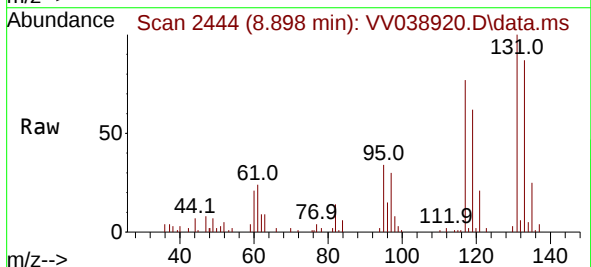
Instrument :
MSVOA_V
ClientSampleId :
MDL06

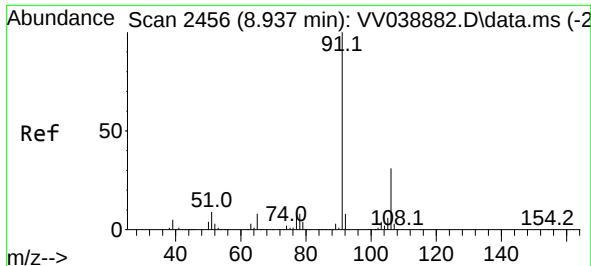
Tgt Ion:112 Resp: 47556
Ion Ratio Lower Upper
112 100
114 29.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.134 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:131 Resp: 17453
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 68.7 32.0 96.2





#67

Ethyl Benzene

Concen: 2.129 ug/l

RT: 8.943 min Scan# 2458

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

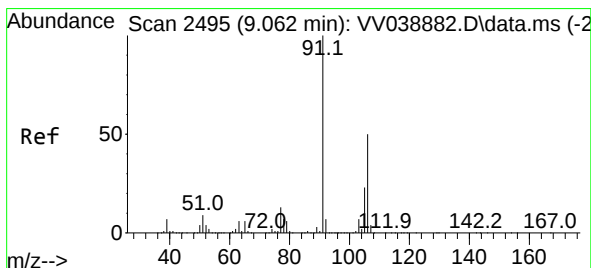
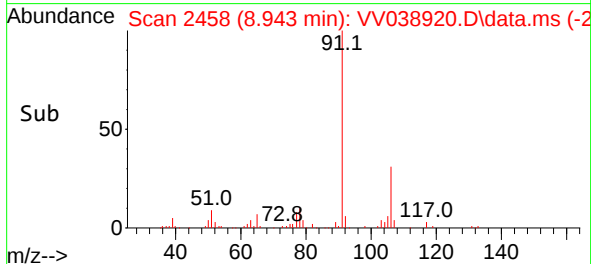
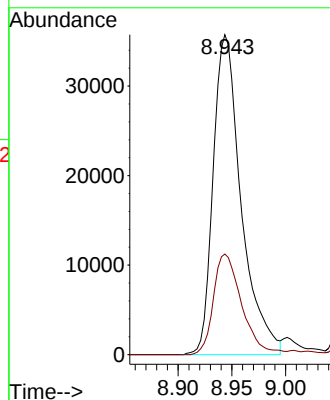
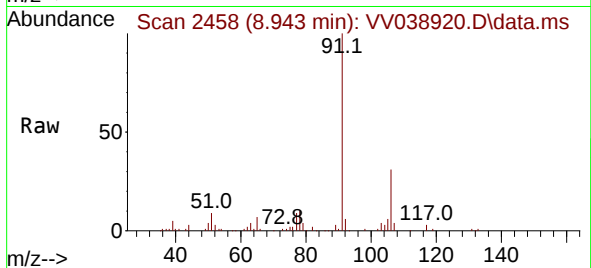
MDL06

Tgt Ion: 91 Resp: 64804

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 4.000 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.006 min

Lab File: VV038920.D

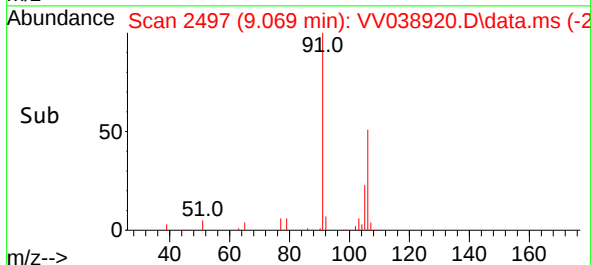
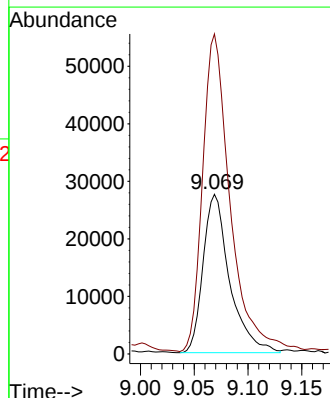
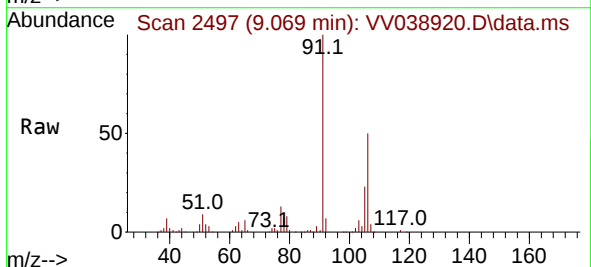
Acq: 18 Jul 2025 14:39

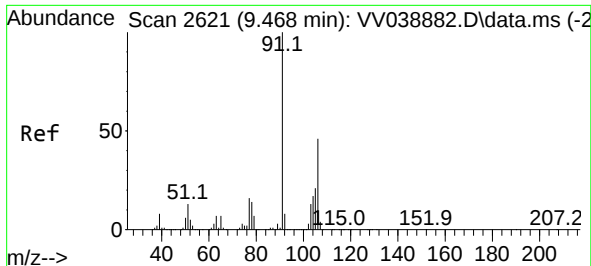
Tgt Ion: 106 Resp: 47418

Ion Ratio Lower Upper

106 100

91 207.3 161.0 241.6

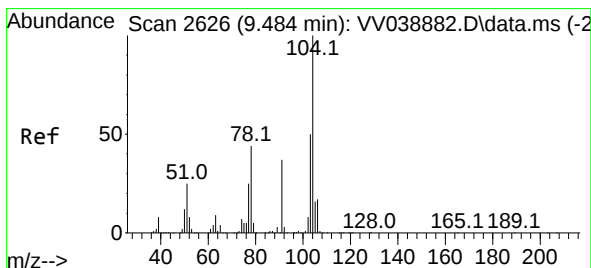
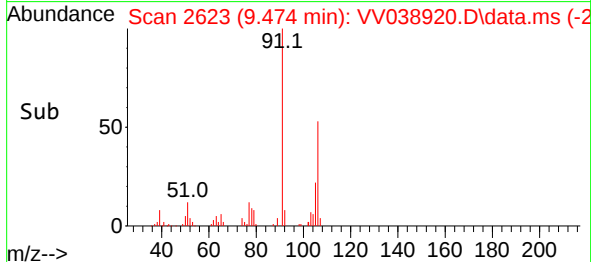
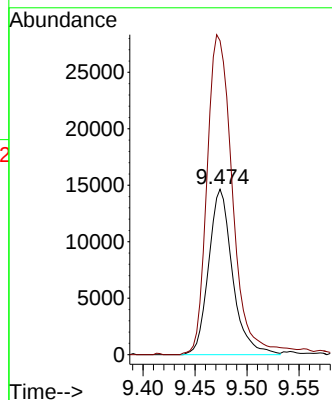
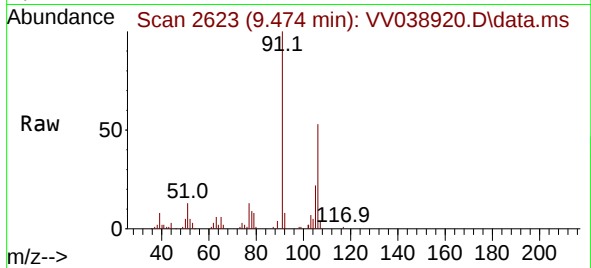




#69
o-Xylene
Concen: 2.091 ug/l
RT: 9.474 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

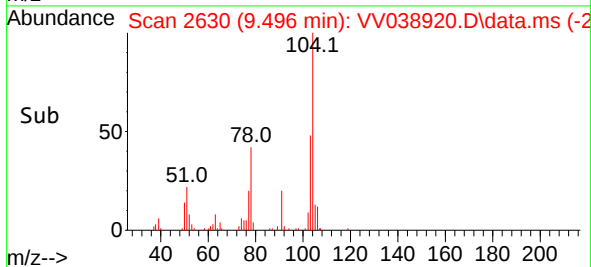
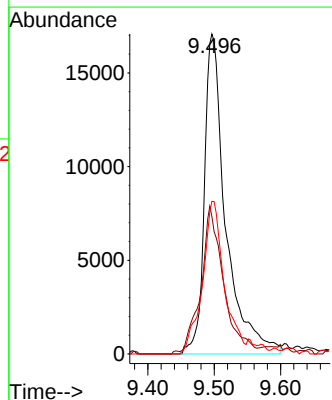
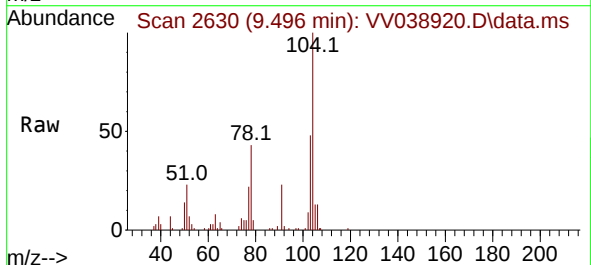
Instrument :
MSVOA_V
ClientSampleId :
MDL06

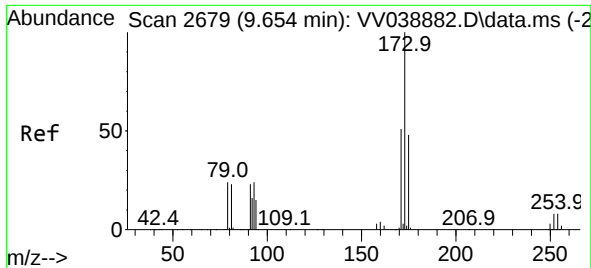
Tgt Ion:106 Resp: 23391
Ion Ratio Lower Upper
106 100
91 206.8 108.9 326.6



#70
Styrene
Concen: 1.930 ug/l
RT: 9.496 min Scan# 2630
Delta R.T. 0.013 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:104 Resp: 38160
Ion Ratio Lower Upper
104 100
78 49.2 39.9 59.9
103 48.5 43.4 65.2

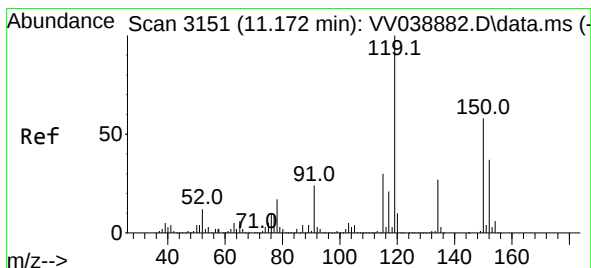
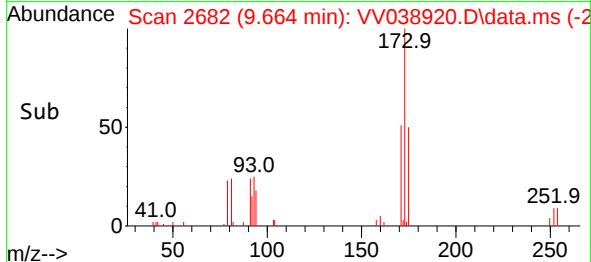
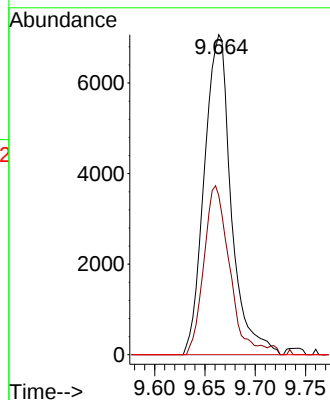
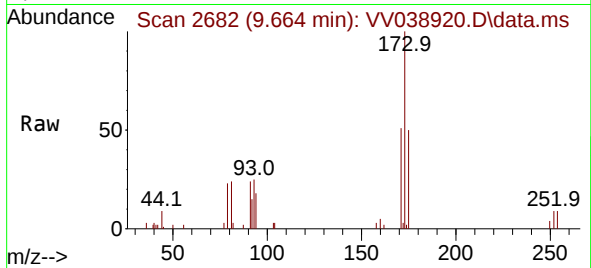




#71
Bromoform
Concen: 1.980 ug/l
RT: 9.664 min Scan# 2
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

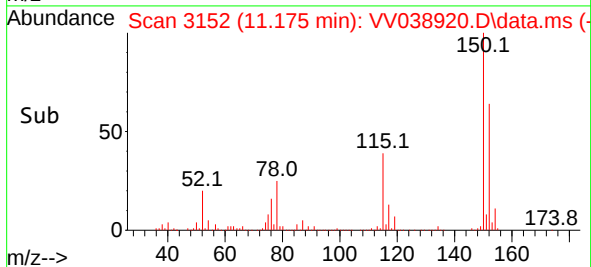
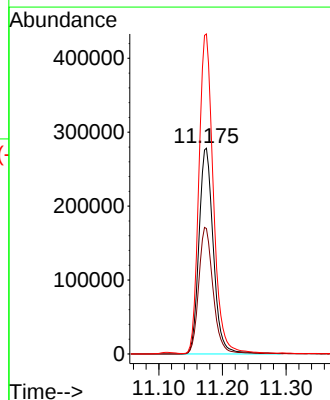
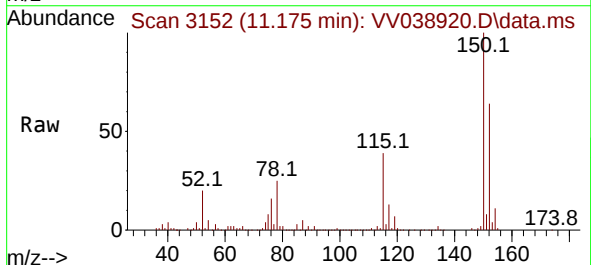
Instrument :
MSVOA_V
ClientSampleId :
MDL06

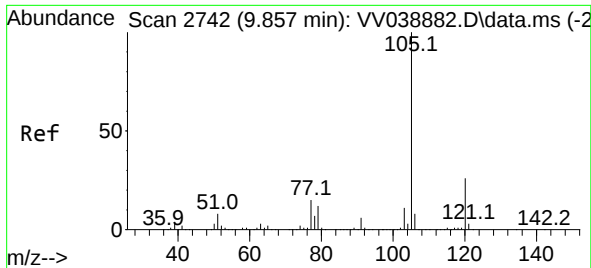
Tgt Ion:173 Resp: 13162
Ion Ratio Lower Upper
173 100
175 50.2 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:152 Resp: 437087
Ion Ratio Lower Upper
152 100
115 61.6 41.8 125.4
150 156.0 0.0 342.4

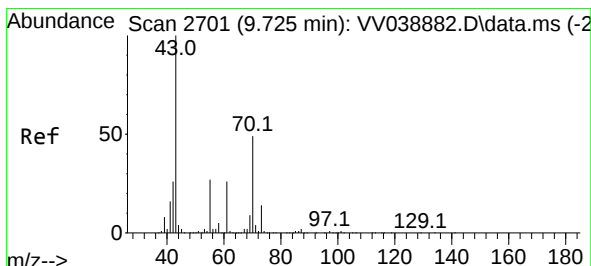
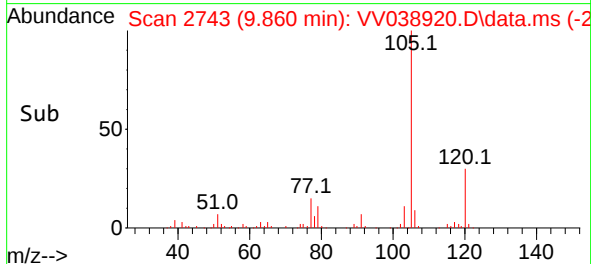
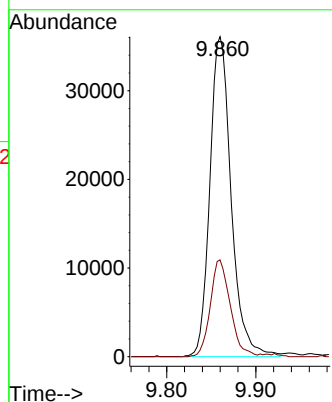
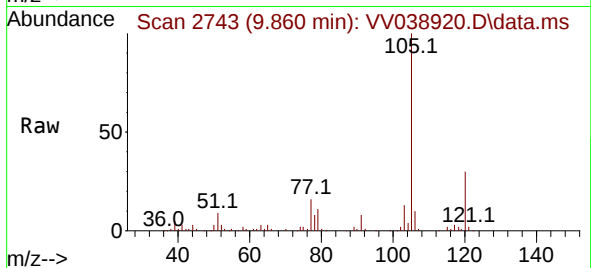




#73
Isopropylbenzene
Concen: 2.296 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

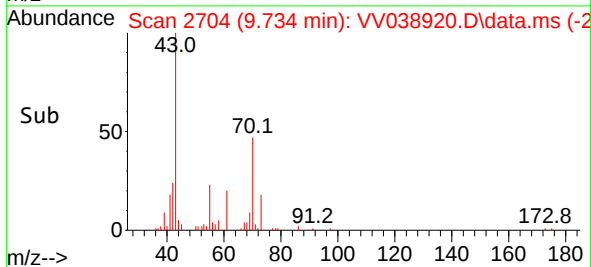
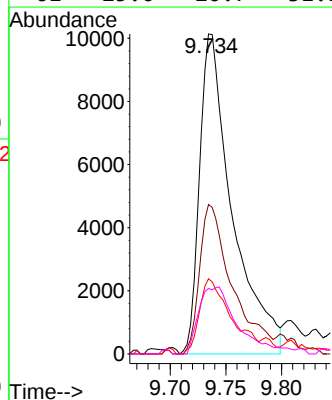
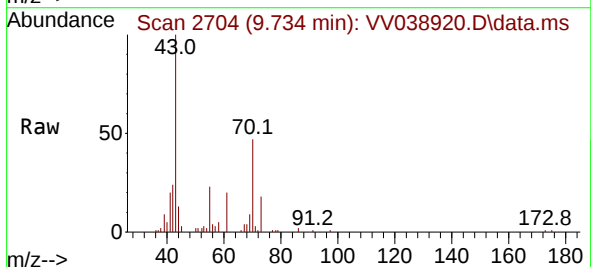
Instrument :
MSVOA_V
ClientSampleId :
MDL06

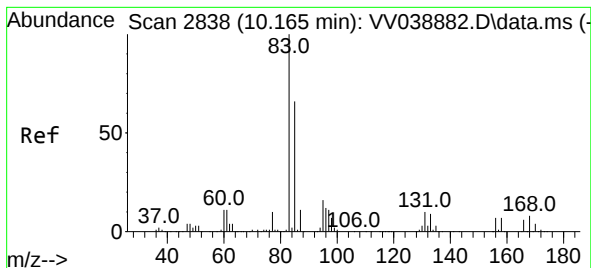
Tgt Ion:105 Resp: 59975
Ion Ratio Lower Upper
105 100
120 28.2 12.9 38.7



#74
N-ethyl acetate
Concen: 2.160 ug/l
RT: 9.734 min Scan# 2704
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 43 Resp: 20663
Ion Ratio Lower Upper
43 100
70 46.6 38.6 58.0
55 22.8 21.8 32.8
61 25.0 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 2.533 ug/l

RT: 10.172 min Scan# 2840

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

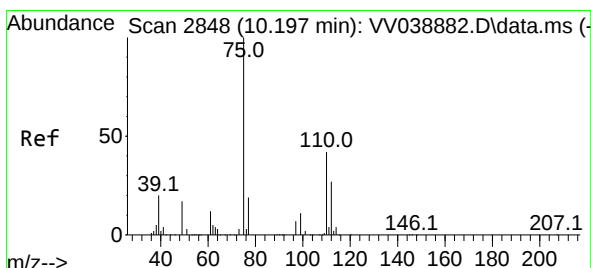
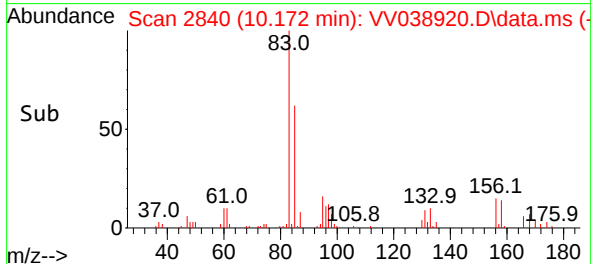
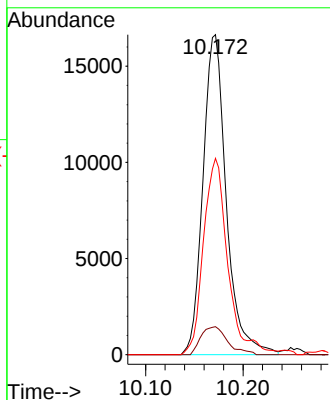
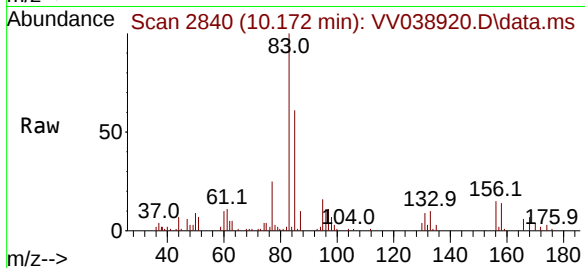
Tgt Ion: 83 Resp: 27713

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

85 63.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 2.403 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.006 min

Lab File: VV038920.D

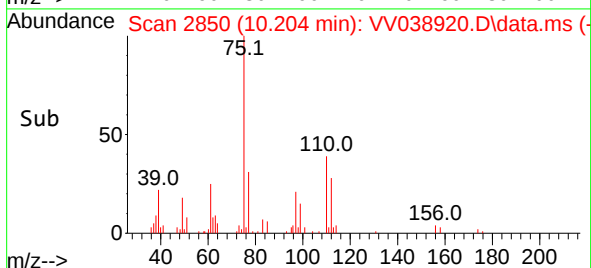
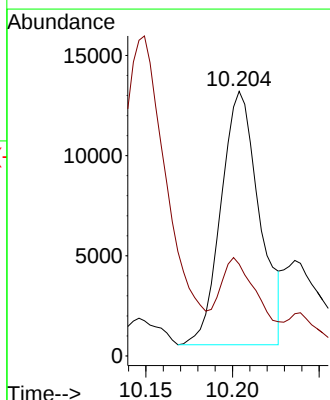
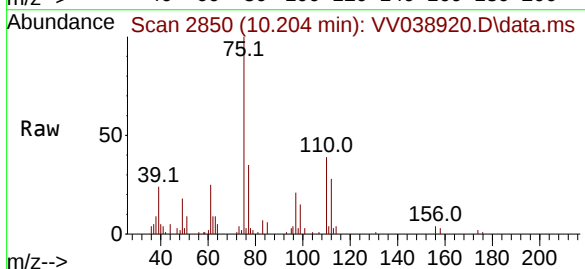
Acq: 18 Jul 2025 14:39

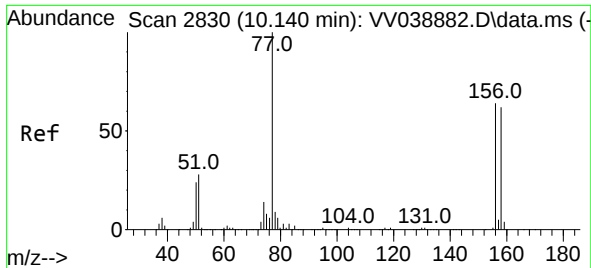
Tgt Ion: 75 Resp: 19530

Ion Ratio Lower Upper

75 100

77 40.1 17.4 52.3

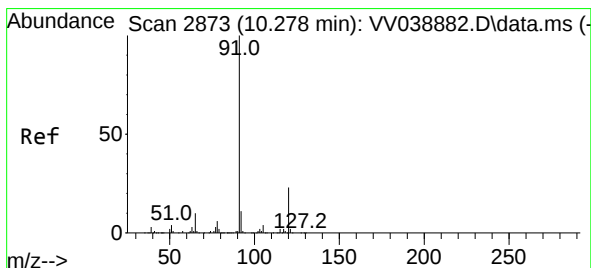
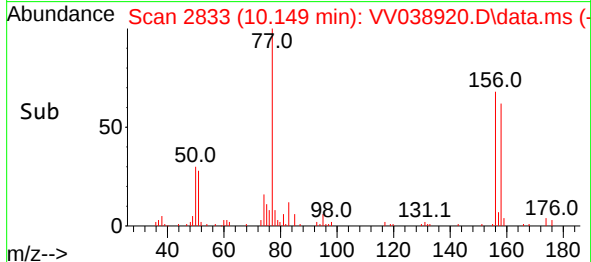
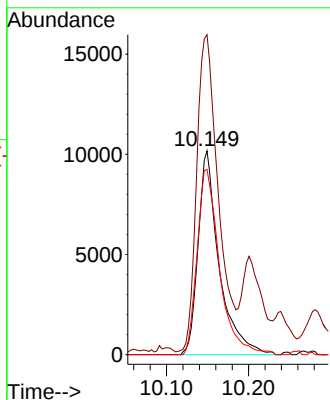
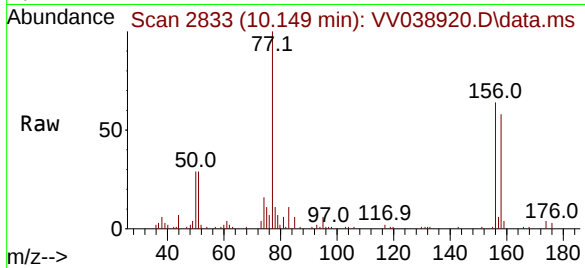




#77
Bromobenzene
Concen: 2.640 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

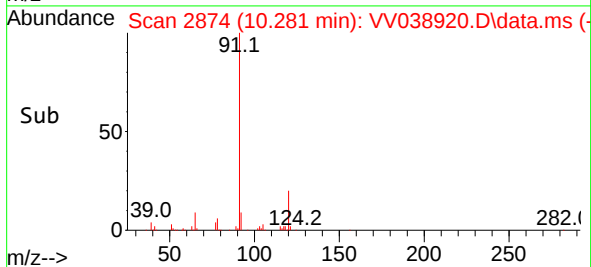
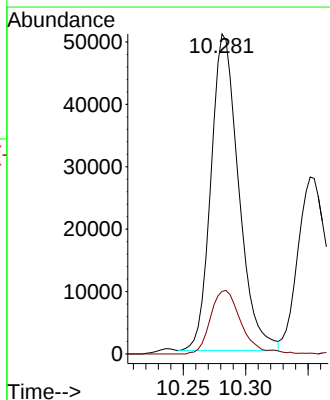
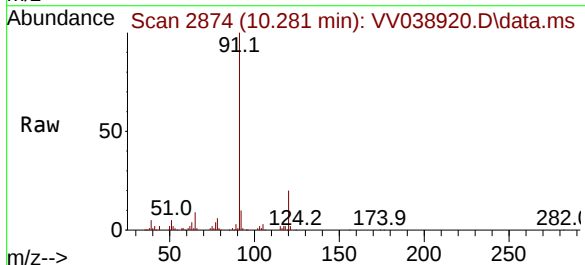
Instrument :
MSVOA_V
ClientSampleId :
MDL06

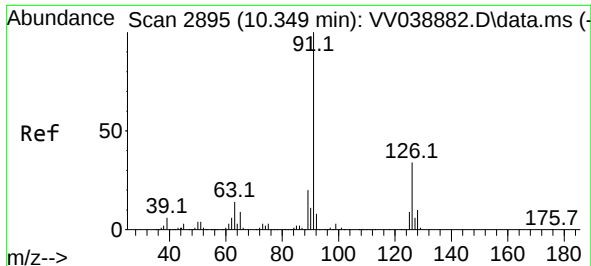
Tgt Ion:156 Resp: 18083
Ion Ratio Lower Upper
156 100
77 158.6 77.2 231.6
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 2.577 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 91 Resp: 78658
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.527 ug/l

RT: 10.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

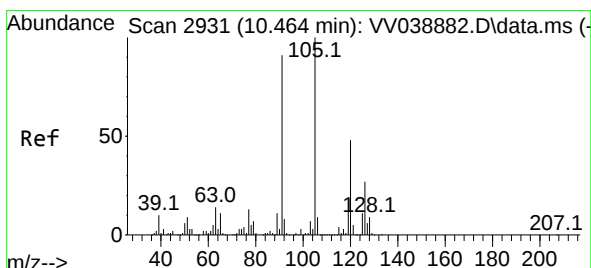
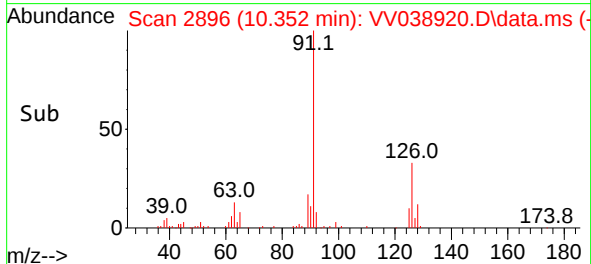
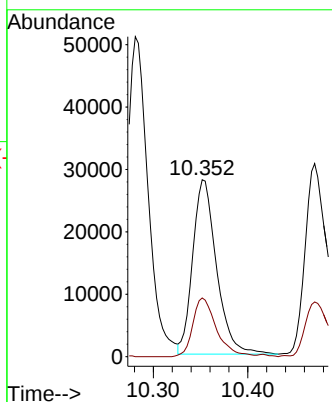
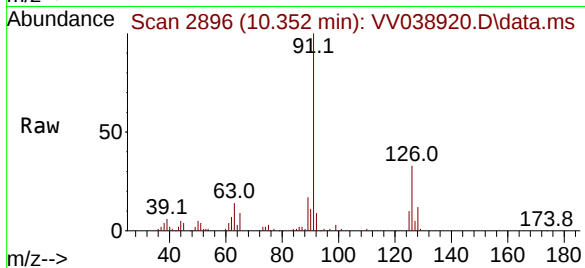
MDL06

Tgt Ion: 91 Resp: 49054

Ion Ratio Lower Upper

91 100

126 33.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 2.243 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.006 min

Lab File: VV038920.D

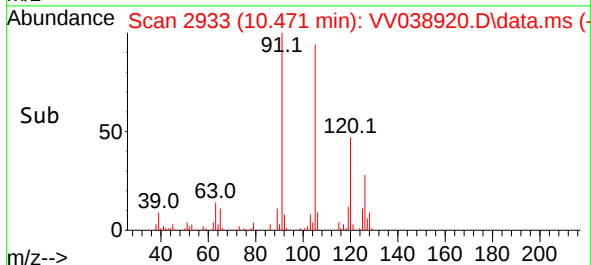
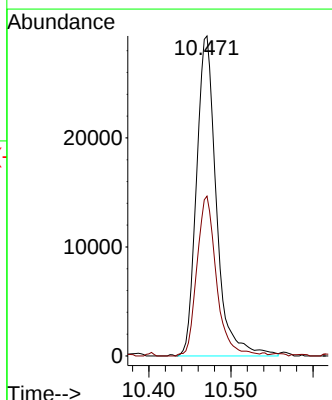
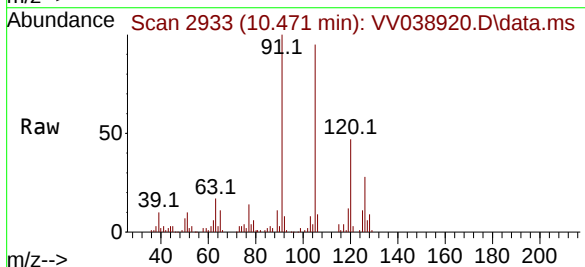
Acq: 18 Jul 2025 14:39

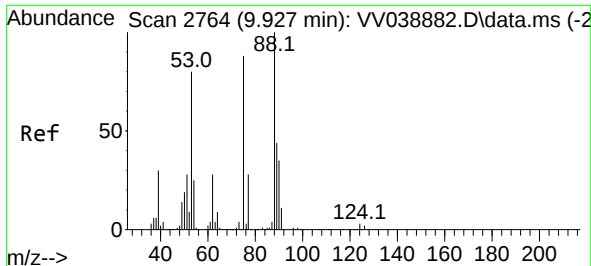
Tgt Ion:105 Resp: 49392

Ion Ratio Lower Upper

105 100

120 49.1 24.0 72.0

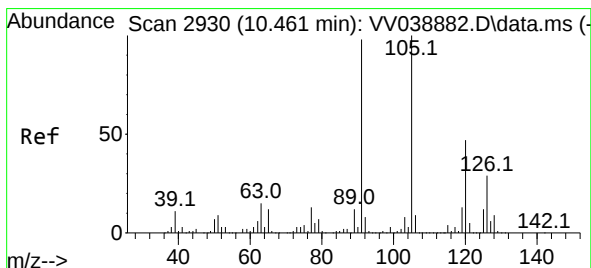
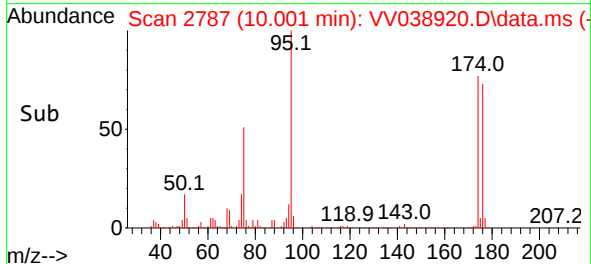
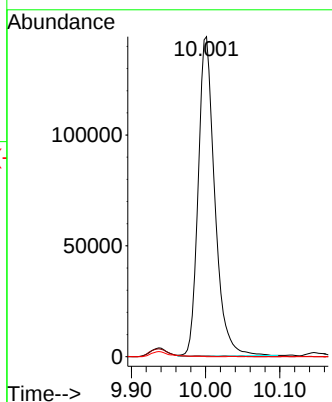
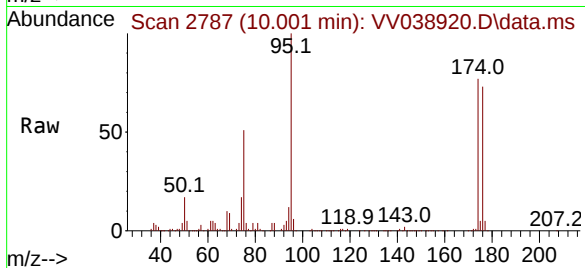




#81
trans-1,4-Dichloro-2-butene
Concen: 67.266 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

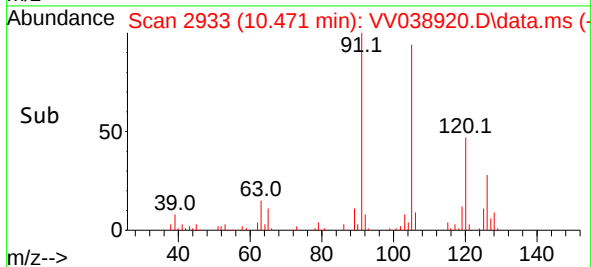
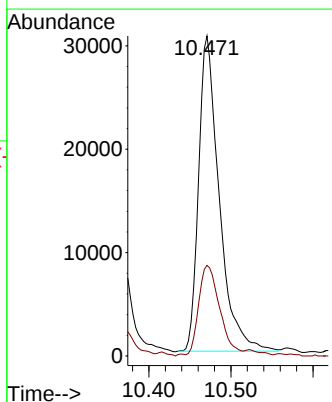
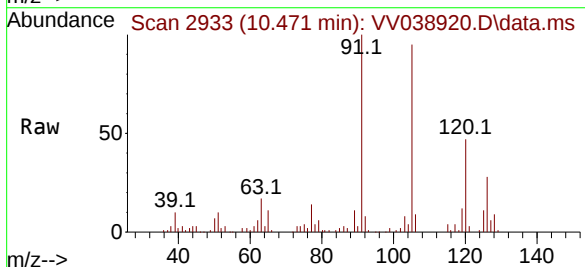
Instrument :
MSVOA_V
ClientSampleId :
MDL06

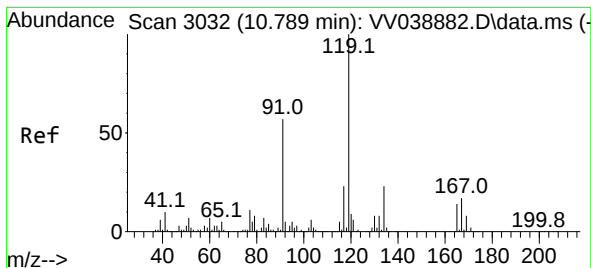
Tgt Ion: 75 Resp: 224006
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.0 42.2 63.2#



#82
4-Chlorotoluene
Concen: 2.448 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 91 Resp: 53125
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.9





#83

tert-Butylbenzene

Concen: 2.304 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

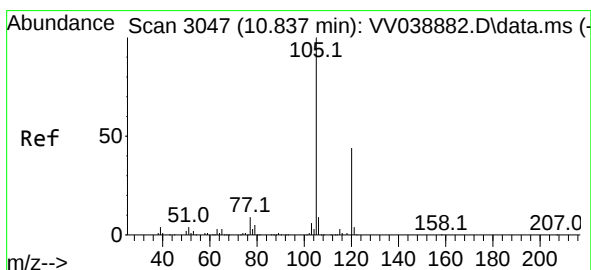
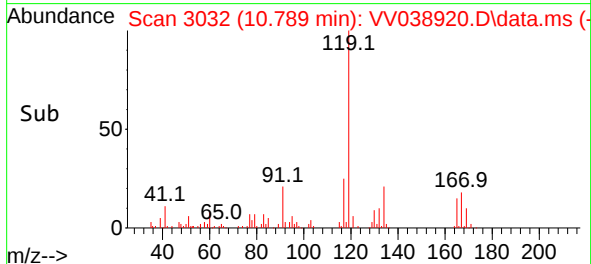
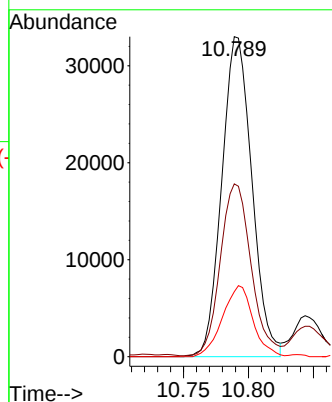
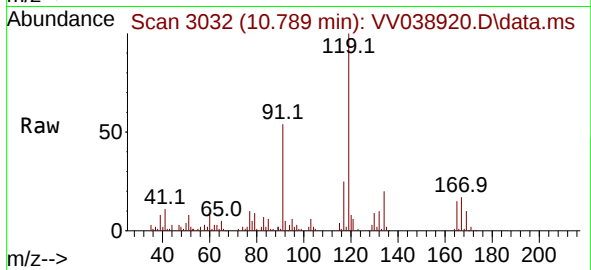
Tgt Ion:119 Resp: 53206

Ion Ratio Lower Upper

119 100

91 54.7 28.1 84.2

134 22.5 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 2.139 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV038920.D

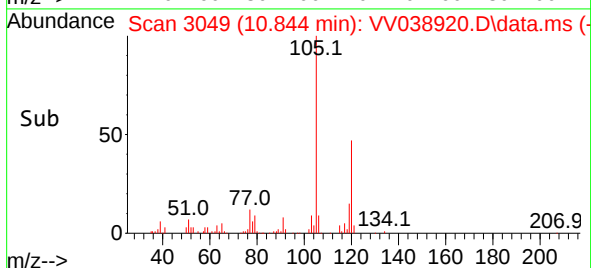
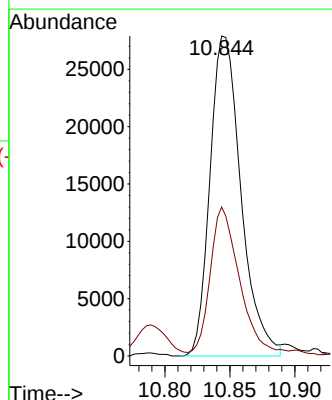
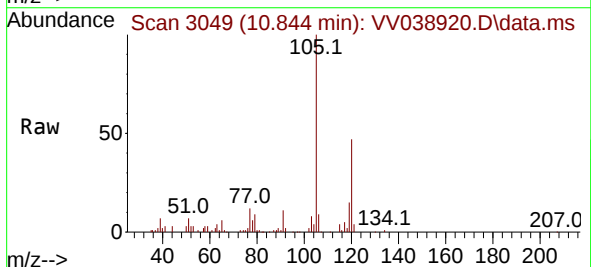
Acq: 18 Jul 2025 14:39

Tgt Ion:105 Resp: 46353

Ion Ratio Lower Upper

105 100

120 42.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 2.286 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

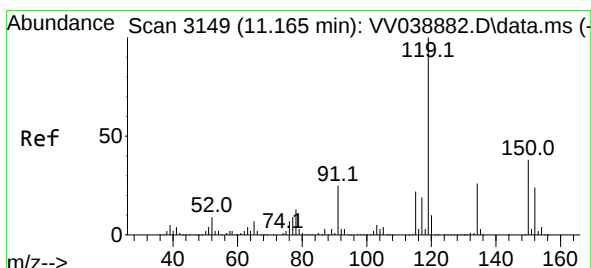
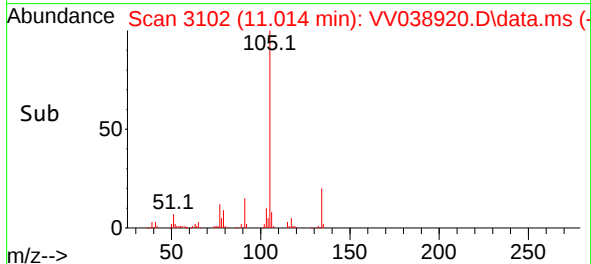
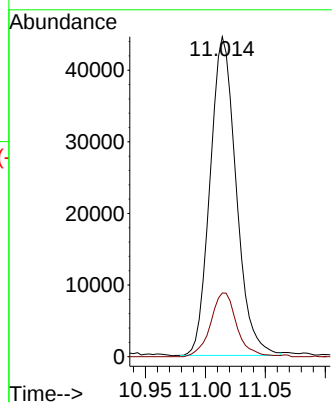
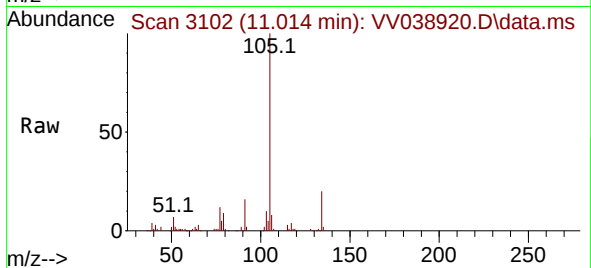
MDL06

Tgt Ion:105 Resp: 67357

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 2.271 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

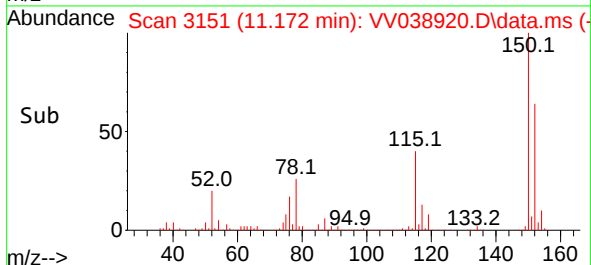
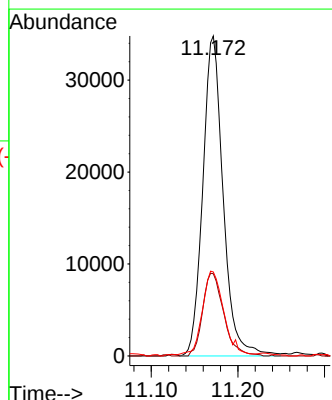
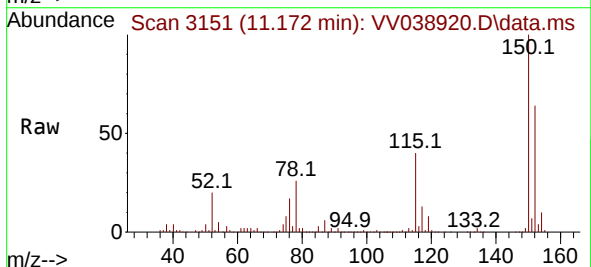
Tgt Ion:119 Resp: 56831

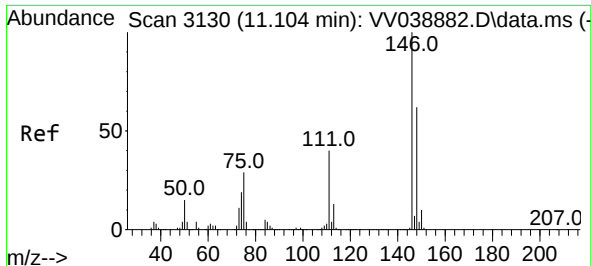
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 28.2 12.3 36.8

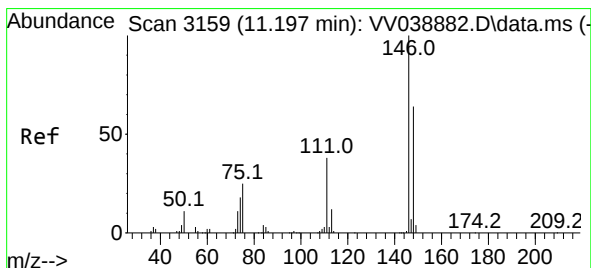
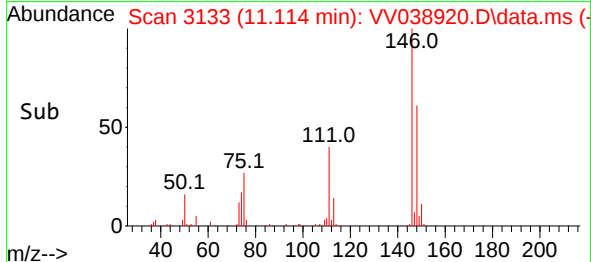
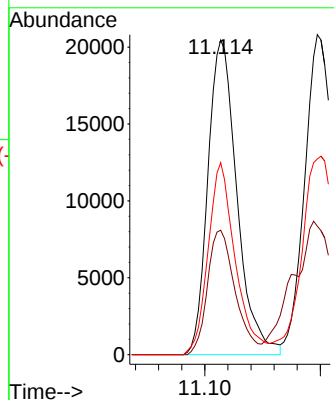
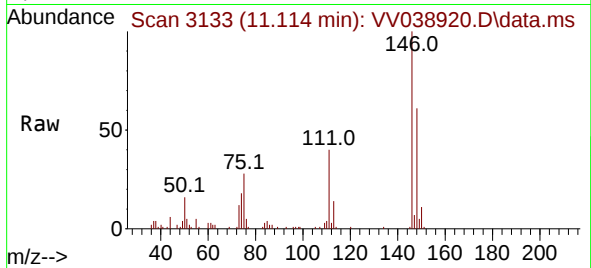




#87
1,3-Dichlorobenzene
Concen: 2.559 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

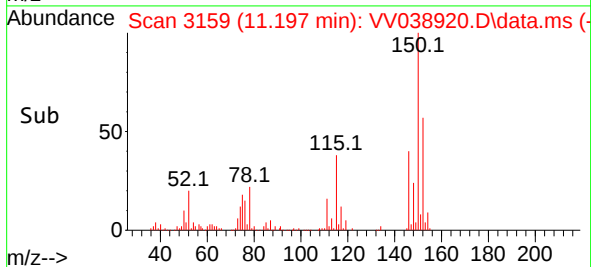
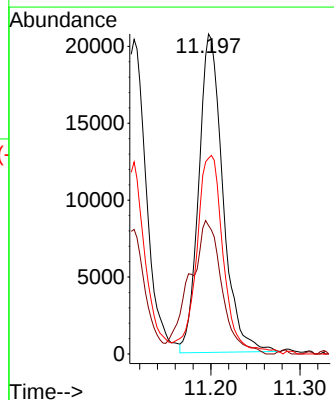
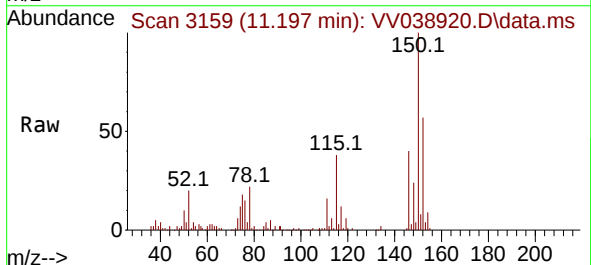
Instrument :
MSVOA_V
ClientSampleId :
MDL06

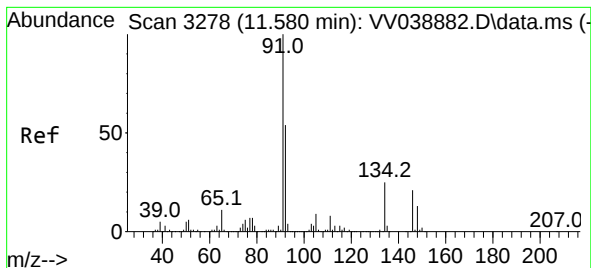
Tgt Ion:146 Resp: 35789
Ion Ratio Lower Upper
146 100
111 38.0 20.2 60.5
148 57.3 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 2.561 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:146 Resp: 38961
Ion Ratio Lower Upper
146 100
111 56.1 19.8 59.3
148 69.1 32.1 96.5





#89

n-Butylbenzene

Concen: 2.378 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

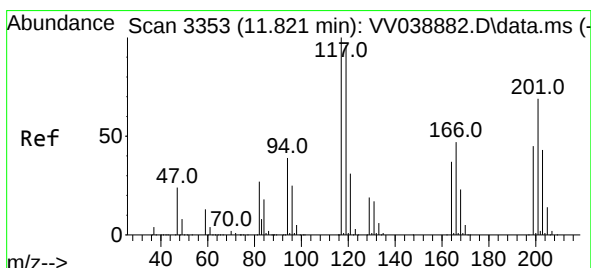
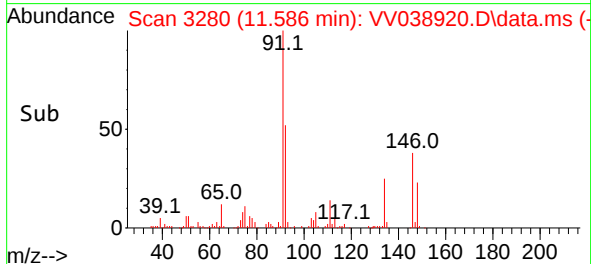
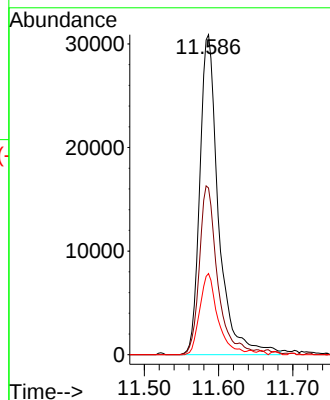
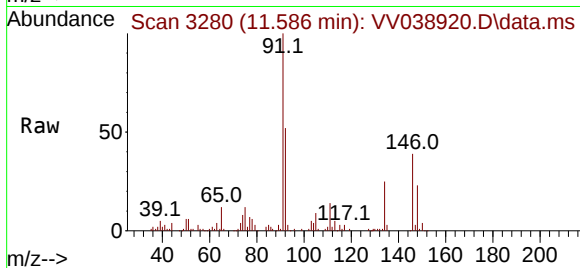
Tgt Ion: 91 Resp: 54318

Ion Ratio Lower Upper

91 100

92 51.1 26.7 80.1

134 24.3 12.7 38.1



#90

Hexachloroethane

Concen: 2.371 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038920.D

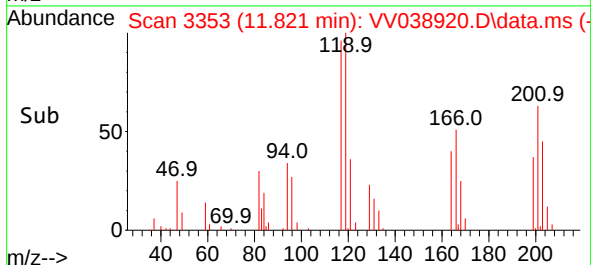
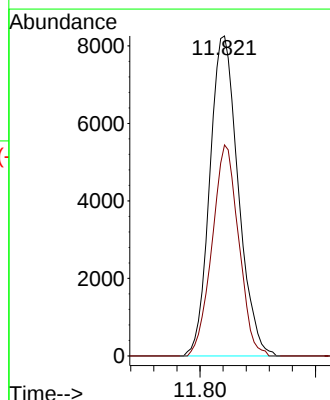
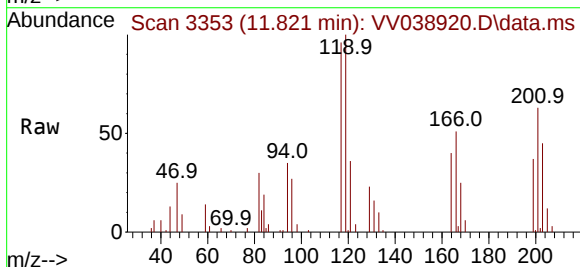
Acq: 18 Jul 2025 14:39

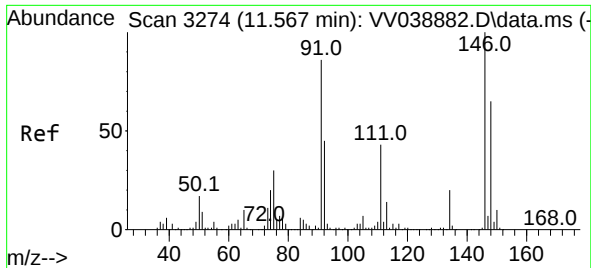
Tgt Ion: 117 Resp: 14108

Ion Ratio Lower Upper

117 100

201 61.6 34.0 102.0

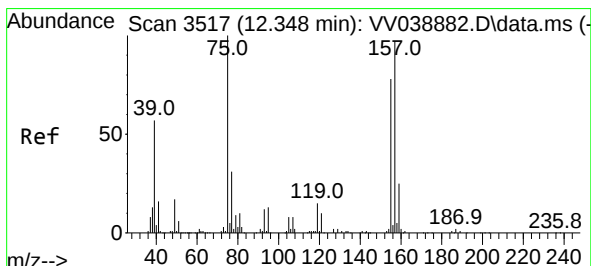
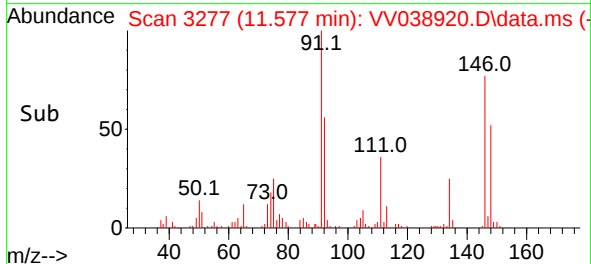
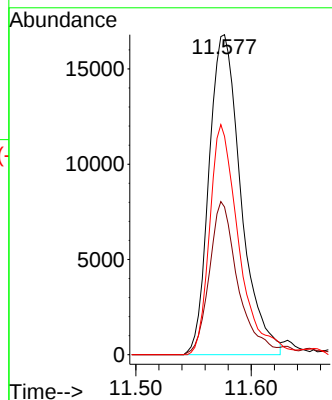
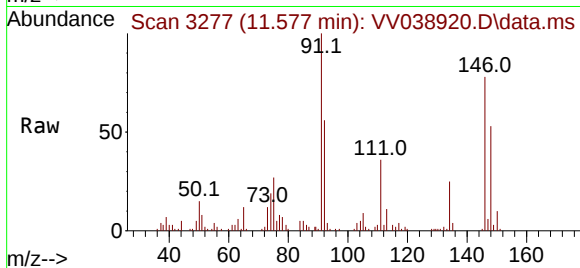




#91
 1,2-Dichlorobenzene
 Concen: 2.378 ug/l
 RT: 11.577 min Scan# 311
 Delta R.T. 0.010 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

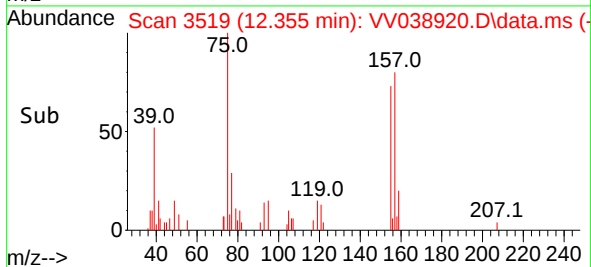
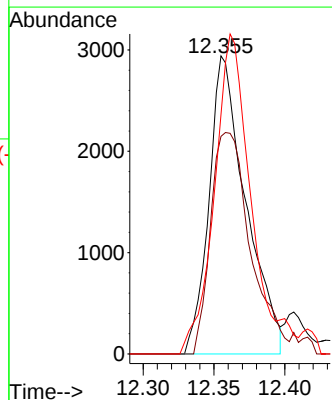
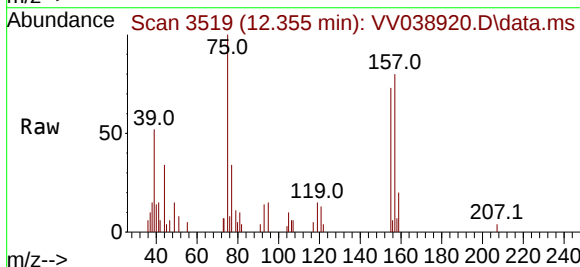
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

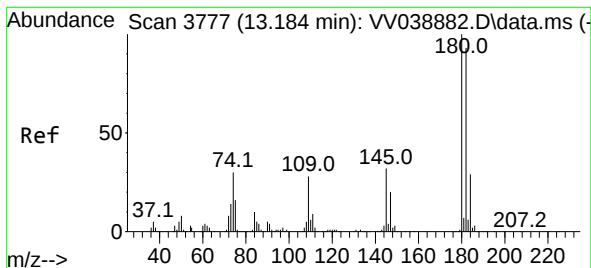
Tgt Ion:146 Resp: 32284
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 65.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.148 ug/l
 RT: 12.355 min Scan# 3519
 Delta R.T. 0.006 min
 Lab File: VV038920.D
 Acq: 18 Jul 2025 14:39

Tgt Ion: 75 Resp: 5313
 Ion Ratio Lower Upper
 75 100
 155 80.4 40.2 120.6
 157 106.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 2.476 ug/l

RT: 13.194 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

Instrument :

MSVOA_V

ClientSampleId :

MDL06

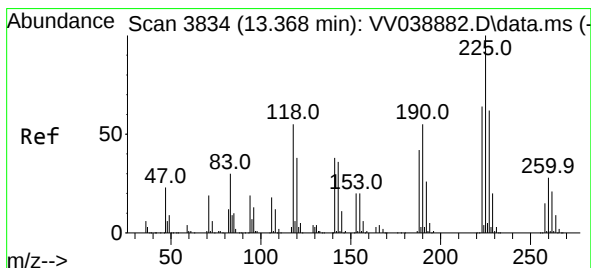
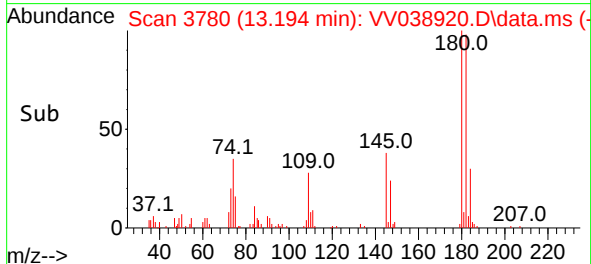
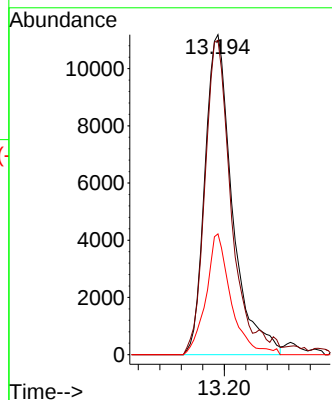
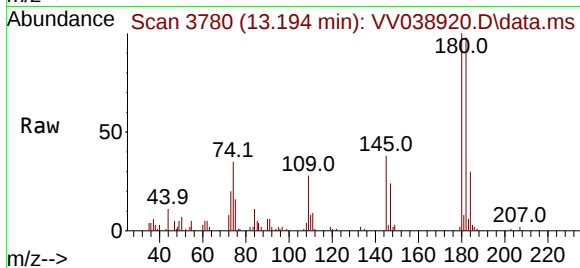
Tgt Ion:180 Resp: 19842

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 34.3 16.2 48.6



#94

Hexachlorobutadiene

Concen: 2.322 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038920.D

Acq: 18 Jul 2025 14:39

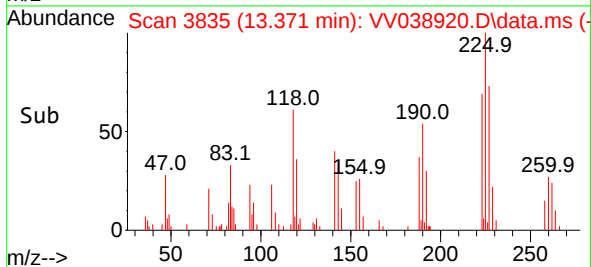
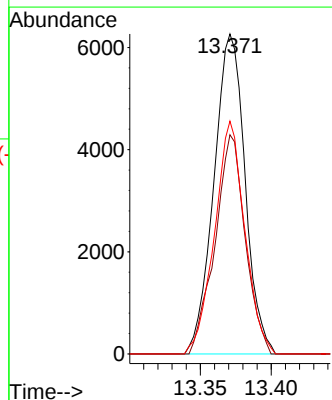
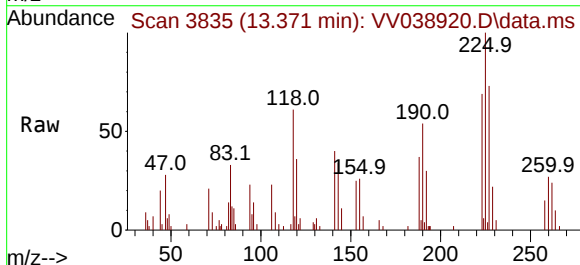
Tgt Ion:225 Resp: 9580

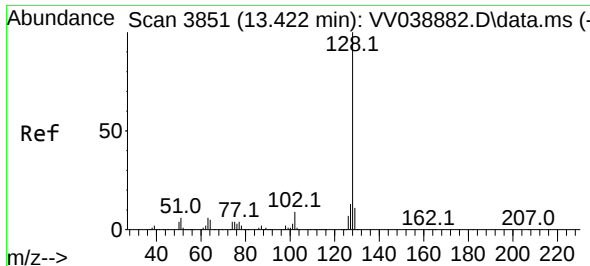
Ion Ratio Lower Upper

225 100

223 66.3 32.4 97.2

227 70.7 31.3 93.9

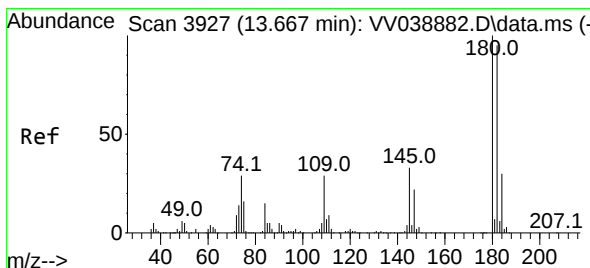
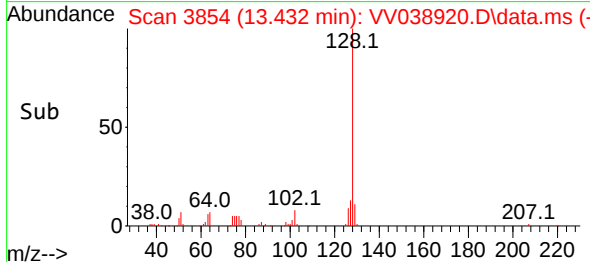
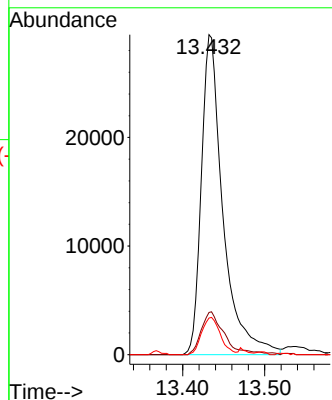
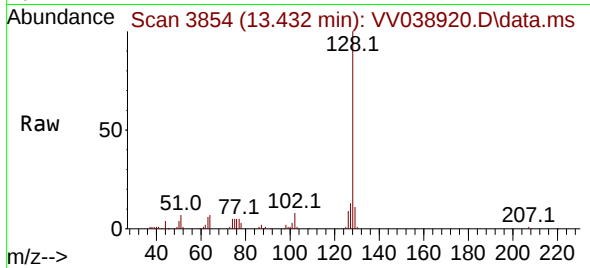




#95
Naphthalene
Concen: 2.050 ug/l
RT: 13.432 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:128	Resp:	53964
Ion Ratio	Lower	Upper
128	100	
127	14.3	10.5 15.7
129	10.1	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.388 ug/l
RT: 13.673 min Scan# 3929
Delta R.T. 0.006 min
Lab File: VV038920.D
Acq: 18 Jul 2025 14:39

Tgt Ion:180	Resp:	19832
Ion Ratio	Lower	Upper
180	100	
182	89.7	47.0 141.2
145	34.1	17.0 51.0

