

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038897.D
 Acq On : 15 Jul 2025 12:55
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Jul 16 02:51:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	542252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	960363	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	892194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	397166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	378810	57.176	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	114.360%
35) Dibromofluoromethane	4.500	113	317236	48.450	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.900%
50) Toluene-d8	7.236	98	1039589	52.526	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	105.060%
62) 4-Bromofluorobenzene	10.001	95	387180	48.562	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.118	85	2682	0.563	ug/l	88
3) Chloromethane	1.227	50	3288	0.639	ug/l	91
4) Vinyl Chloride	1.294	62	3605	0.612	ug/l #	85
5) Bromomethane	1.494	94	4126	0.934	ug/l	85
6) Chloroethane	1.558	64	2484	0.631	ug/l	96
7) Trichlorofluoromethane	1.725	101	5725	0.549	ug/l	86
8) Diethyl Ether	1.915	74	2240	0.598	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.079	101	3231	0.519	ug/l #	92
10) Methyl Iodide	2.195	142	3276	0.458	ug/l #	89
11) Tert butyl alcohol	2.564	59	2913	1.910	ug/l #	79
12) 1,1-Dichloroethene	2.082	96	3222	0.568	ug/l	96
13) Acrolein	2.005	56	563	2.552	ug/l #	56
14) Allyl chloride	2.355	41	6226	0.688	ug/l #	75
15) Acrylonitrile	2.680	53	11194	2.868	ug/l	88
16) Acetone	2.124	43	6850	2.389	ug/l #	84
17) Carbon Disulfide	2.253	76	8131	0.687	ug/l #	89
18) Methyl Acetate	2.388	43	5001	0.516	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	11304	0.531	ug/l	95
20) Methylene Chloride	2.452	84	5533	0.761	ug/l #	81
21) trans-1,2-Dichloroethene	2.703	96	3933	0.651	ug/l	91
22) Diisopropyl ether	3.220	45	8674	0.480	ug/l #	41
23) Vinyl Acetate	3.204	43	34631	2.444	ug/l	99
24) 1,1-Dichloroethane	3.121	63	6930	0.586	ug/l #	91
26) 2,2-Dichloropropane	3.812	77	4982	0.481	ug/l	83
27) cis-1,2-Dichloroethene	3.831	96	2818	0.406	ug/l	87
30) Chloroform	4.281	83	6189	0.474	ug/l #	82
31) Cyclohexane	4.593	56	15465	1.991	ug/l #	30
32) 1,1,1-Trichloroethane	4.516	97	5723	0.503	ug/l #	41
36) 1,1-Dichloropropene	4.764	75	3482	0.463	ug/l #	55
38) Carbon Tetrachloride	4.741	117	3815	0.382	ug/l #	89
39) Methylcyclohexane	6.056	83	4990	0.562	ug/l #	78
40) Benzene	5.031	78	11739	0.460	ug/l #	88
42) 1,2-Dichloroethane	5.059	62	5031	0.517	ug/l	80
44) Trichloroethene	5.850	130	3247	0.487	ug/l	100
45) 1,2-Dichloropropane	6.111	63	2510	0.372	ug/l #	72
46) Dibromomethane	6.249	93	2488	0.477	ug/l #	85

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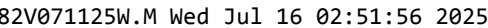
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

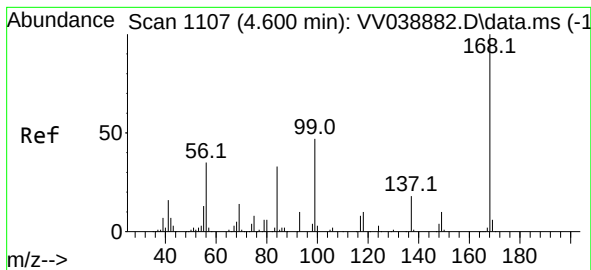
Quant Time: Jul 16 02:51:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	6.449	83	4838	0.437	ug/l #	96
49) 1,4-Dioxane	6.333	88	641	4.892	ug/l	98
51) 4-Methyl-2-Pentanone	7.162	43	14900	1.562	ug/l	95
52) Toluene	7.320	92	3897	0.242	ug/l #	1
53) t-1,3-Dichloropropene	7.616	75	3858	0.385	ug/l	92
54) cis-1,3-Dichloropropene	6.973	75	3381	0.312	ug/l	94
55) 1,1,2-Trichloroethane	7.780	97	3517	0.458	ug/l	96
57) 1,3-Dichloropropane	7.953	76	5251	0.456	ug/l #	58
58) 2-Chloroethyl Vinyl ether	6.850	63	3878	0.704	ug/l #	83
59) 2-Hexanone	8.104	43	7701	1.084	ug/l #	55
60) Dibromochloromethane	8.178	129	3648	0.403	ug/l	89
61) 1,2-Dibromoethane	8.291	107	2939	0.380	ug/l	86
64) Tetrachloroethene	7.902	164	3218	0.550	ug/l #	82
65) Chlorobenzene	8.809	112	10184	0.522	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.908	131	3054	0.393	ug/l #	60
67) Ethyl Benzene	8.950	91	12142	0.419	ug/l	97
68) m/p-Xylenes	9.079	106	8285	0.735	ug/l	99
69) o-Xylene	9.481	106	3886	0.365	ug/l	98
71) Bromoform	9.664	173	2948	0.467	ug/l #	98
73) Isopropylbenzene	9.863	105	10969	0.462	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.175	83	5932	0.597	ug/l	98
76) 1,2,3-Trichloropropane	10.001	75	195752	26.509	ug/l #	42
77) Bromobenzene	10.156	156	3584	0.576	ug/l	91
78) n-propylbenzene	10.291	91	15271	0.551	ug/l	92
79) 2-Chlorotoluene	10.358	91	8204	0.465	ug/l	91
80) 1,3,5-Trimethylbenzene	10.474	105	9550	0.477	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.001	75	195752	64.690	ug/l #	13
82) 4-Chlorotoluene	10.480	91	9724	0.493	ug/l	92
83) tert-Butylbenzene	10.792	119	10494	0.500	ug/l	98
84) 1,2,4-Trimethylbenzene	10.850	105	9008	0.457	ug/l	96
85) sec-Butylbenzene	11.014	105	12356	0.461	ug/l	97
86) p-Isopropyltoluene	11.175	119	11160	0.491	ug/l	88
87) 1,3-Dichlorobenzene	11.117	146	6654	0.524	ug/l	95
88) 1,4-Dichlorobenzene	11.117	146	6654	0.481	ug/l	94
89) n-Butylbenzene	11.593	91	9449	0.455	ug/l	93
90) Hexachloroethane	11.818	117	2773	0.513	ug/l	95
91) 1,2-Dichlorobenzene	11.580	146	6789	0.550	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.368	75	1278	0.569	ug/l	63
93) 1,2,4-Trichlorobenzene	13.201	180	3279	0.450	ug/l	91
94) Hexachlorobutadiene	13.371	225	2202	0.587	ug/l	95
95) Naphthalene	13.445	128	9191	0.384	ug/l	98
96) 1,2,3-Trichlorobenzene	13.680	180	3520	0.466	ug/l	86

(#) = 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# 11

Delta R.T. -0.003 min

Lab File: VV038897.D

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Instrument :

MSVOA_V

ClientSampleId :

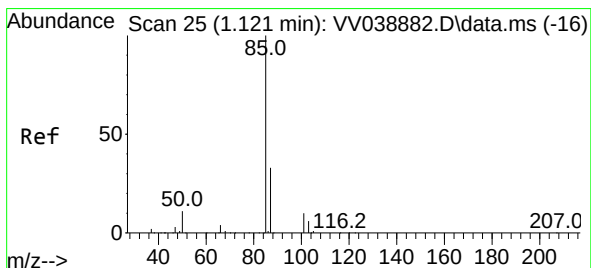
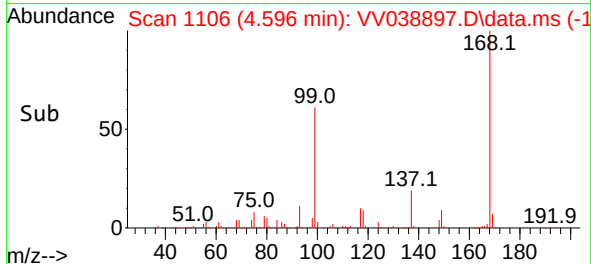
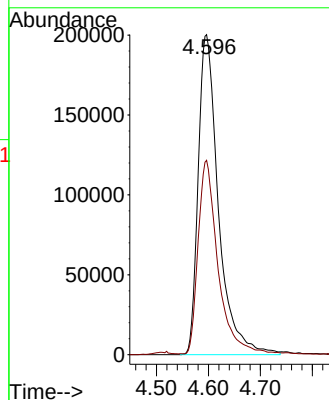
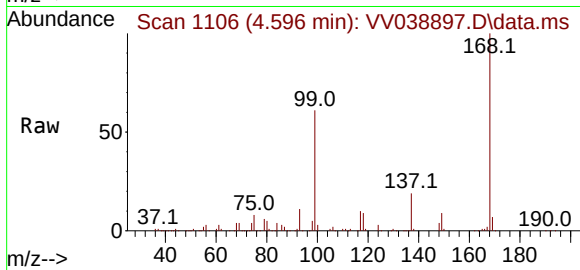
MDL01

Tgt Ion:168 Resp: 542252

Ion Ratio Lower Upper

168 100

99 60.5 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.563 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038897.D

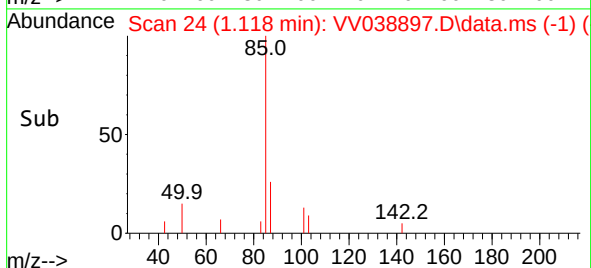
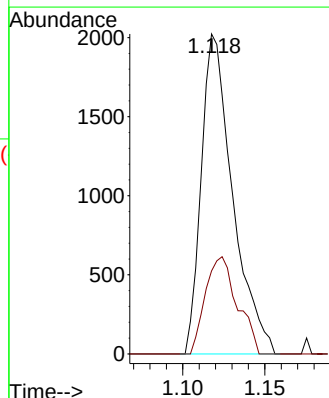
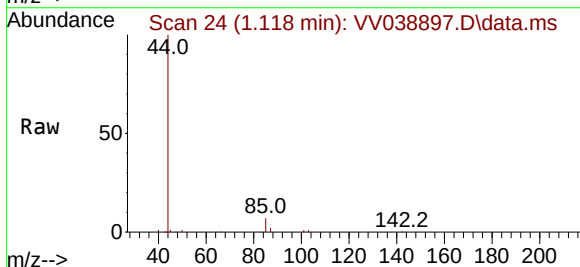
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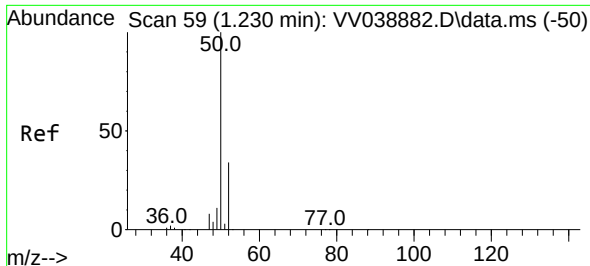
Tgt Ion: 85 Resp: 2682

Ion Ratio Lower Upper

85 100

87 26.0 16.3 48.8

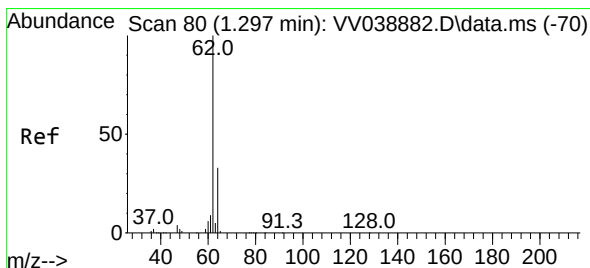
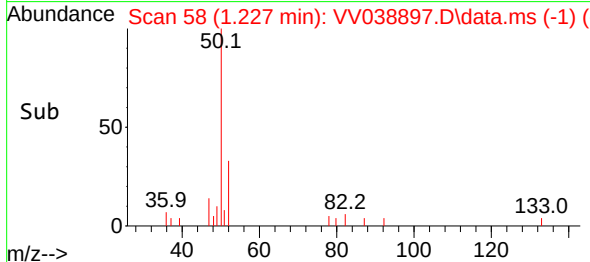
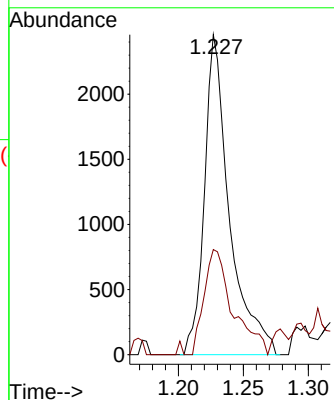
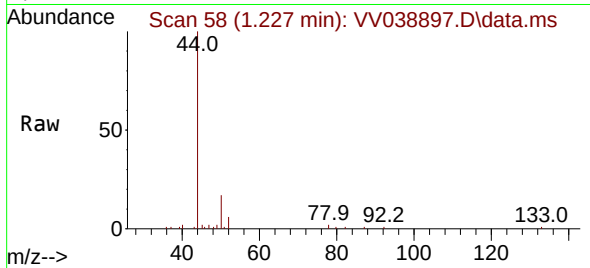




#3
Chloromethane
Concen: 0.639 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

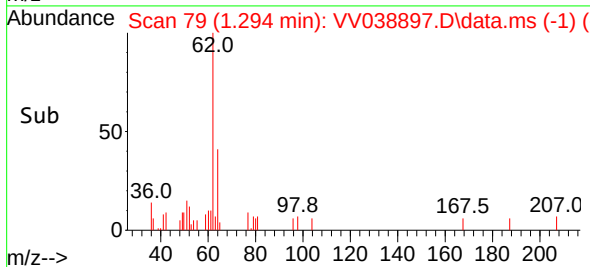
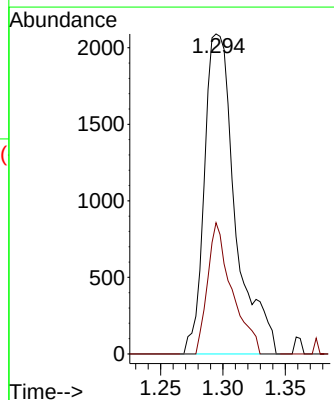
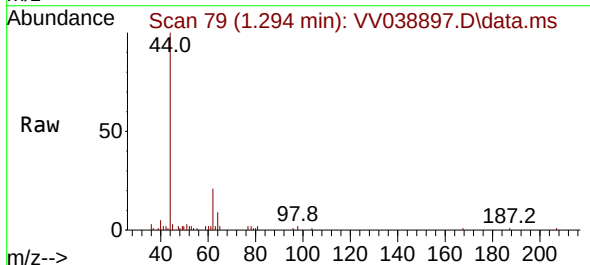
Instrument :
MSVOA_V
ClientSampleId :
MDL01

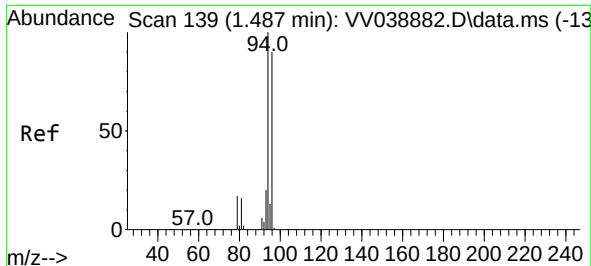
Tgt Ion: 50 Resp: 3288
Ion Ratio Lower Upper
50 100
52 28.6 26.9 40.3



#4
Vinyl Chloride
Concen: 0.612 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 62 Resp: 3605
Ion Ratio Lower Upper
62 100
64 41.0 26.2 39.2#

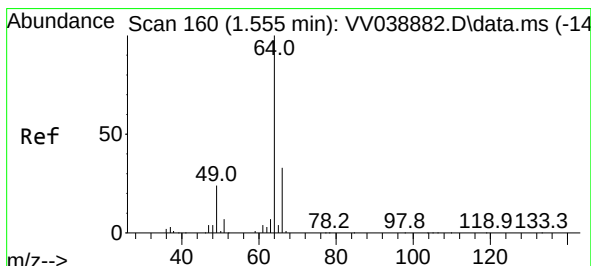
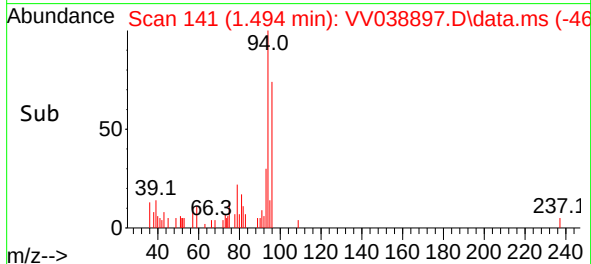
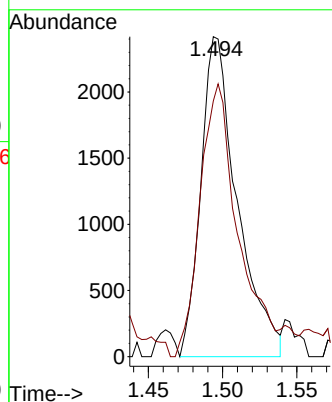
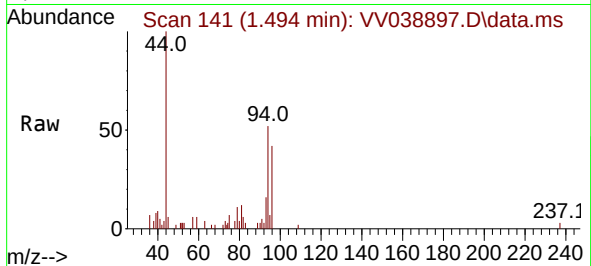




#5
Bromomethane
Concen: 0.934 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

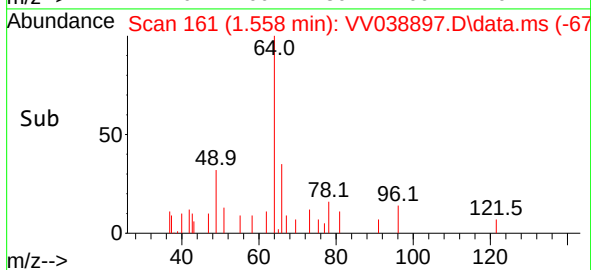
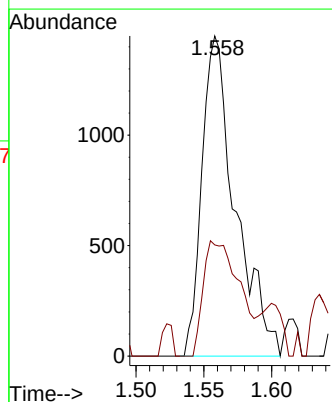
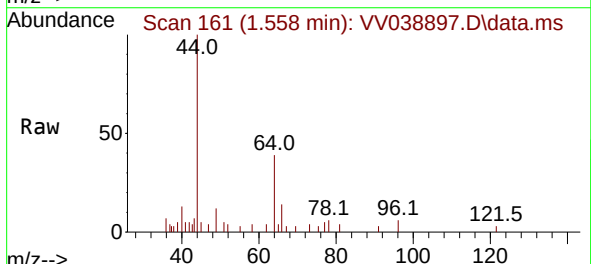
Instrument :
MSVOA_V
ClientSampleId :
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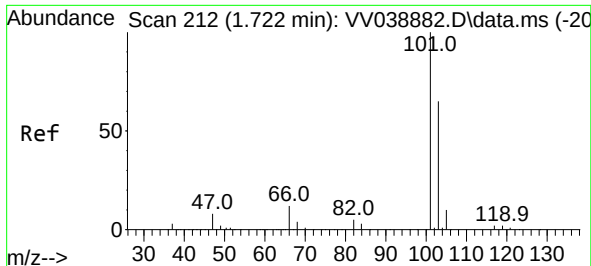
Tgt Ion: 94 Resp: 4126
Ion Ratio Lower Upper
94 100
96 75.3 71.9 107.9



#6
Chloroethane
Concen: 0.631 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 64 Resp: 2484
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.2

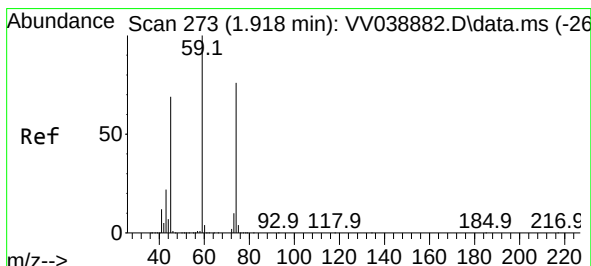
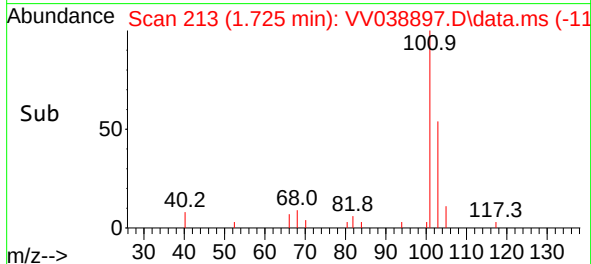
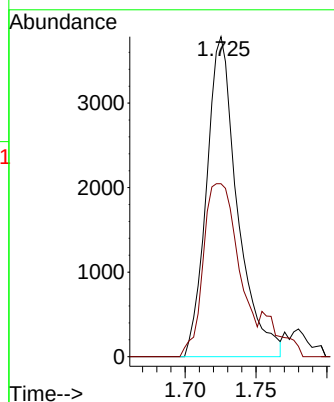
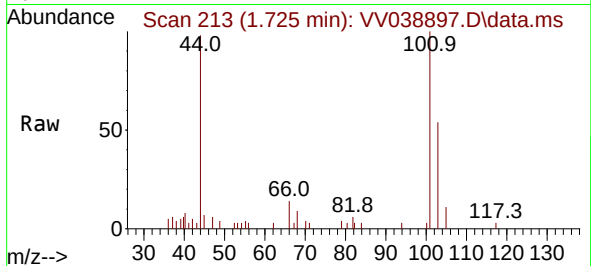




#7
Trichlorofluoromethane
Concen: 0.549 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

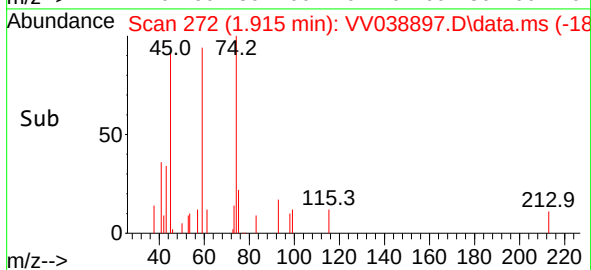
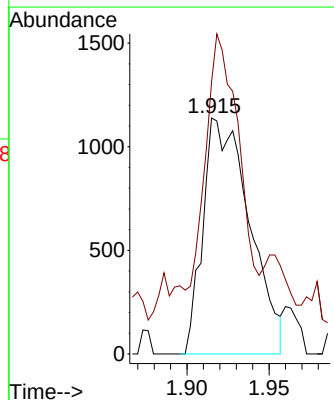
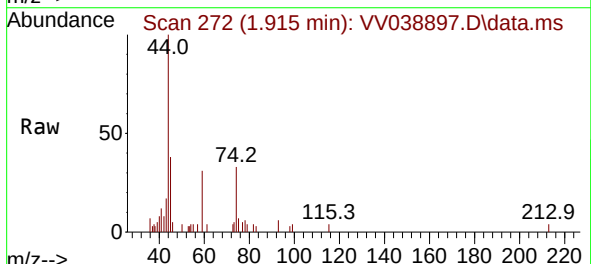
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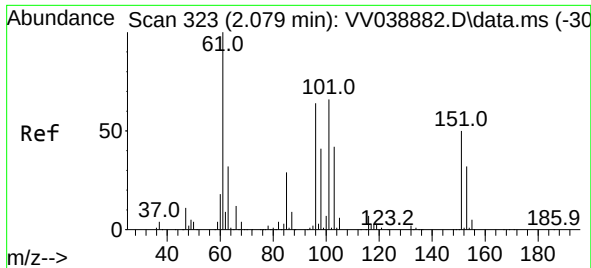
Tgt Ion:101 Resp: 5725
Ion Ratio Lower Upper
101 100
103 54.0 51.8 77.6



#8
Diethyl Ether
Concen: 0.598 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 74 Resp: 2240
Ion Ratio Lower Upper
74 100
45 72.9 45.5 136.5

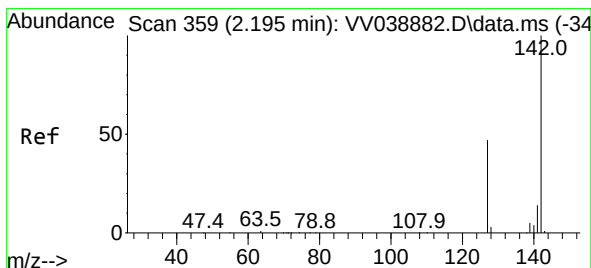
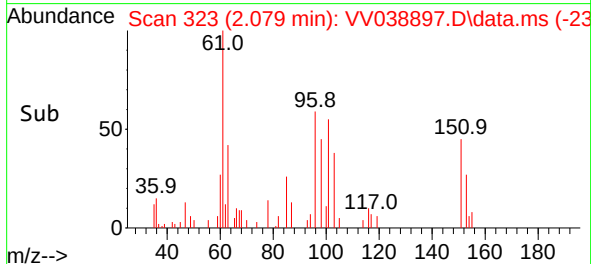
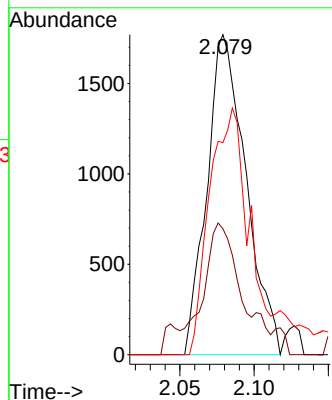
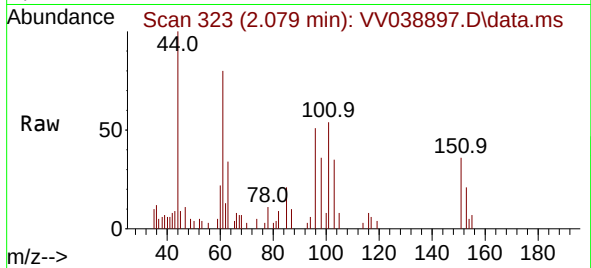




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.519 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

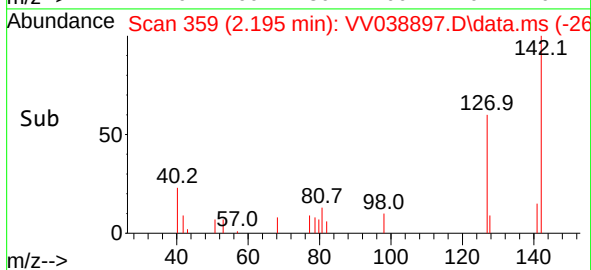
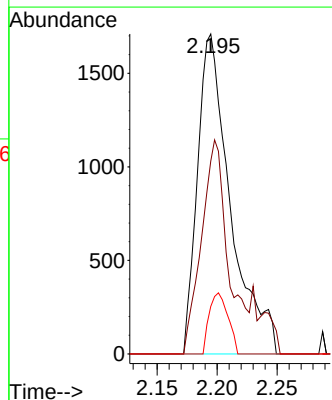
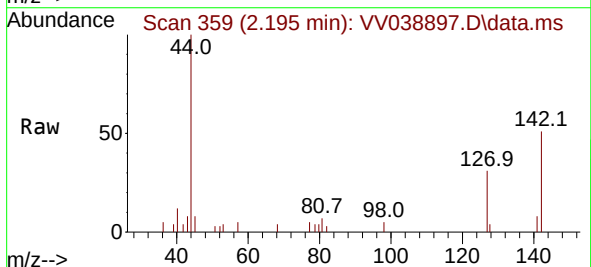
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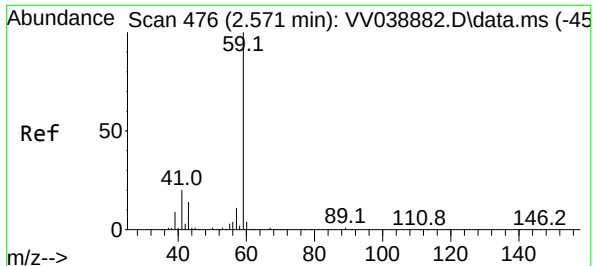
Tgt Ion:101 Resp: 3231
Ion Ratio Lower Upper
101 100
85 32.7 35.0 52.6#
151 76.9 60.1 90.1



#10
Methyl Iodide
Concen: 0.458 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:142 Resp: 3276
Ion Ratio Lower Upper
142 100
127 54.3 37.3 55.9
141 10.8 11.2 16.8#

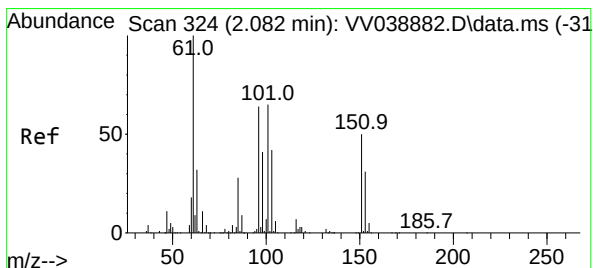
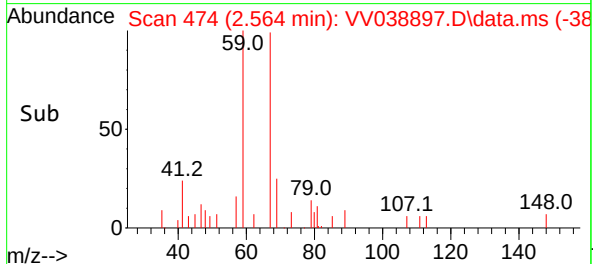
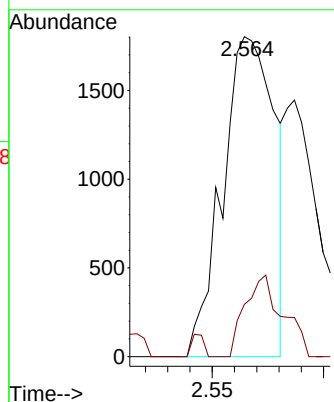
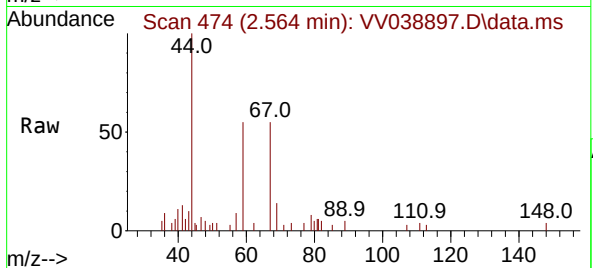




#11
Tert butyl alcohol
Concen: 1.910 ug/l
RT: 2.564 min Scan# 411
Delta R.T. -0.006 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

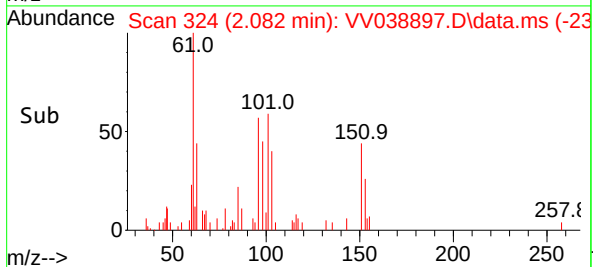
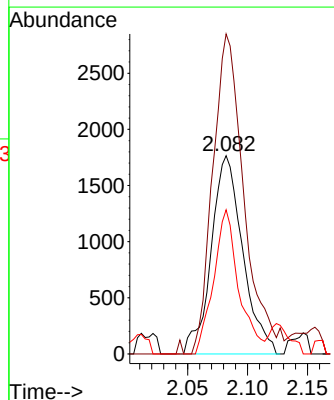
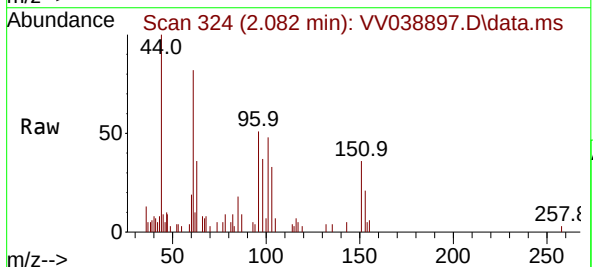
Instrument :
MSVOA_V
ClientSampleId :
MDL01

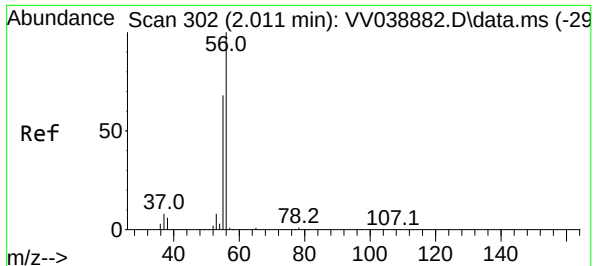
Tgt Ion: 59 Resp: 2913
Ion Ratio Lower Upper
59 100
57 18.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.568 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 96 Resp: 3222
Ion Ratio Lower Upper
96 100
61 154.4 124.1 186.1
98 72.7 50.6 75.8





#13

Acrolein

Concen: 2.552 ug/l

RT: 2.005 min Scan# 302

Delta R.T. -0.006 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

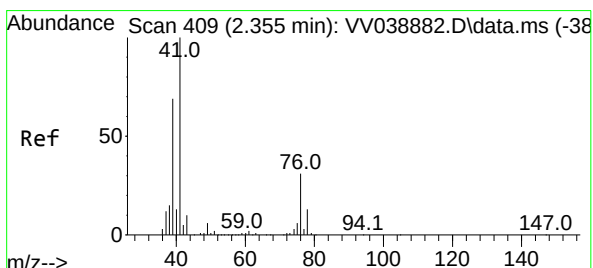
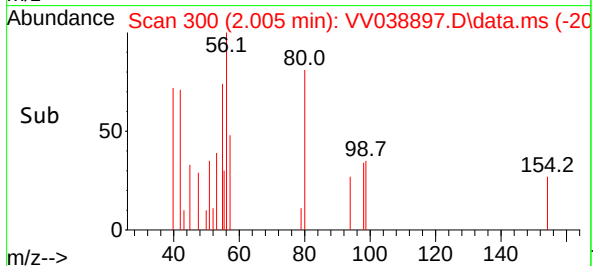
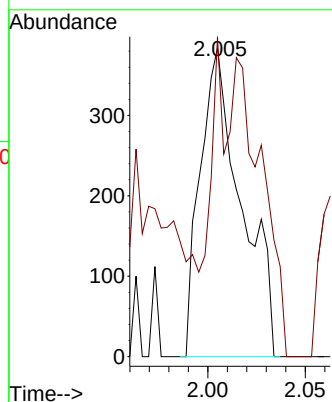
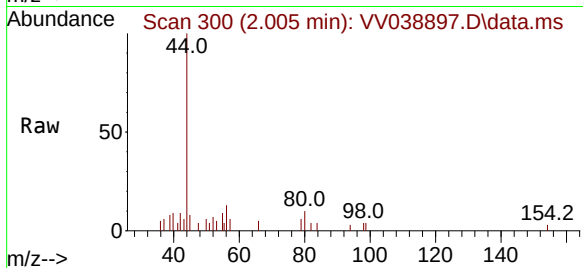
MDL01

Tgt Ion: 56 Resp: 563

Ion Ratio Lower Upper

56 100

55 34.3 56.7 85.1#



#14

Allyl chloride

Concen: 0.688 ug/l

RT: 2.355 min Scan# 409

Delta R.T. 0.000 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

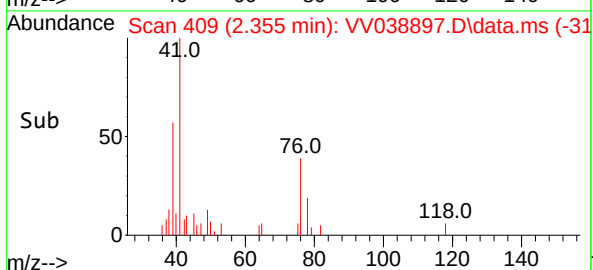
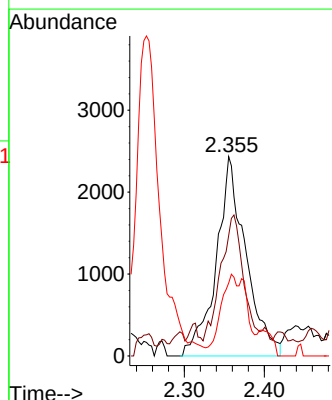
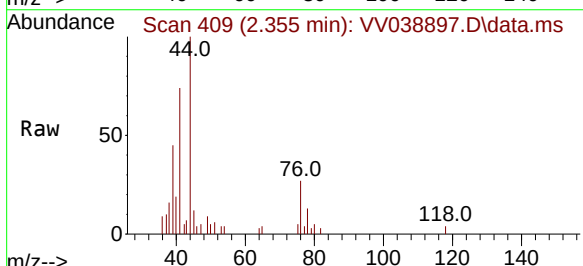
Tgt Ion: 41 Resp: 6226

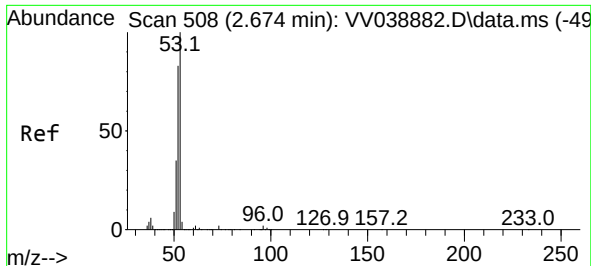
Ion Ratio Lower Upper

41 100

39 47.6 50.6 76.0#

76 18.1 30.4 45.6#

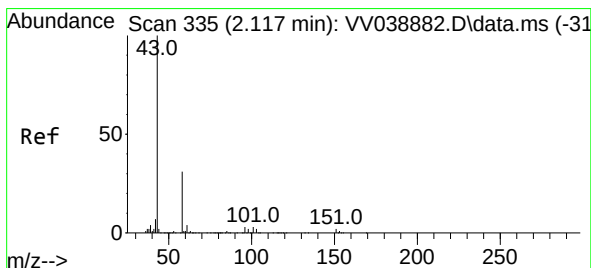
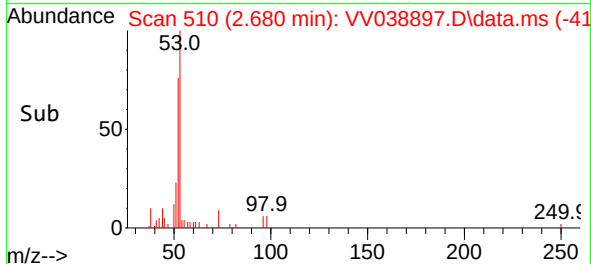
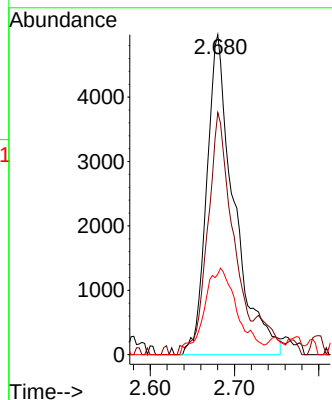
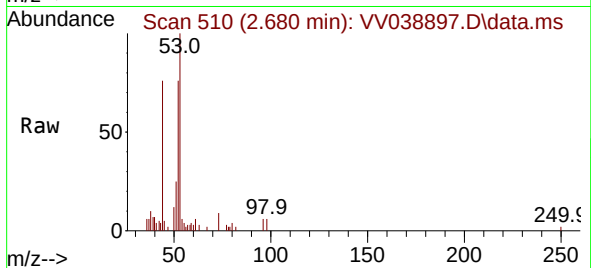




#15
Acrylonitrile
Concen: 2.868 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

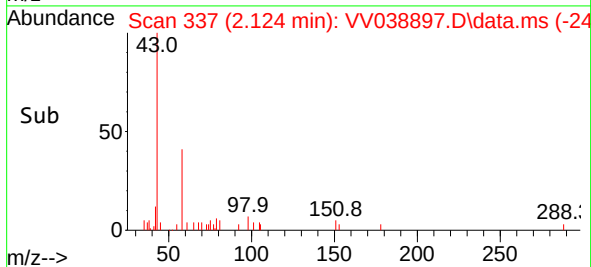
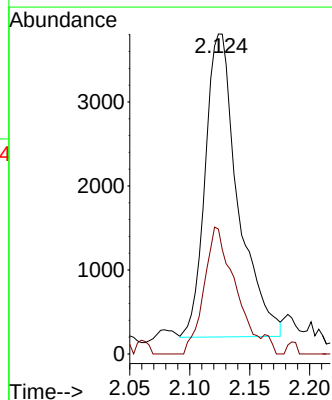
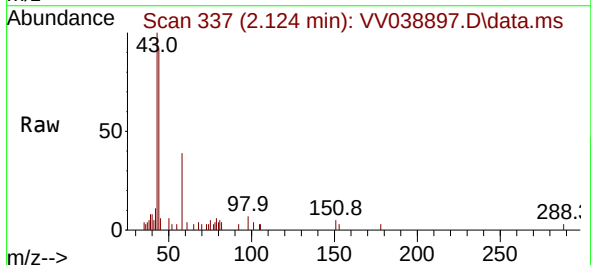
Instrument :
MSVOA_V
ClientSampleId :
MDL01

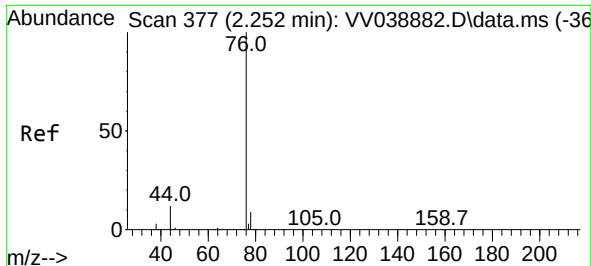
Tgt Ion: 53 Resp: 11194
Ion Ratio Lower Upper
53 100
52 69.6 66.6 99.8
51 33.0 28.7 43.1



#16
Acetone
Concen: 2.389 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 6850
Ion Ratio Lower Upper
43 100
58 41.3 25.8 38.6#

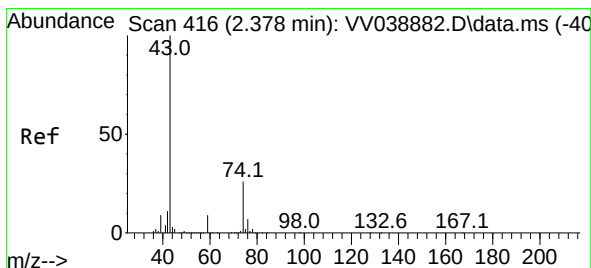
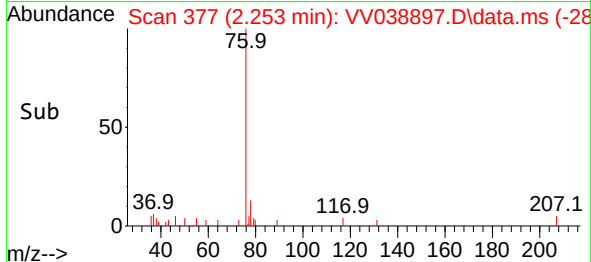
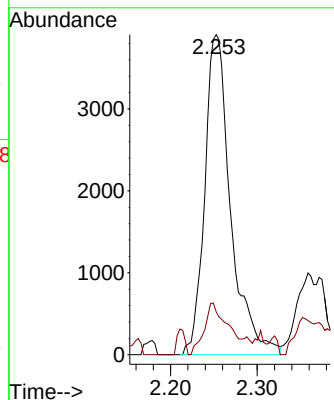
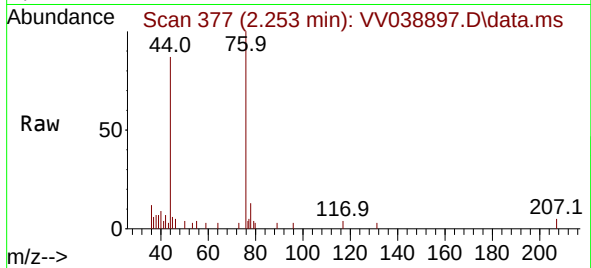




#17
Carbon Disulfide
Concen: 0.687 ug/l
RT: 2.253 min Scan# 311
Delta R.T. 0.001 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

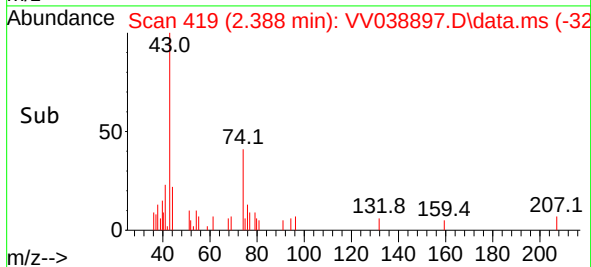
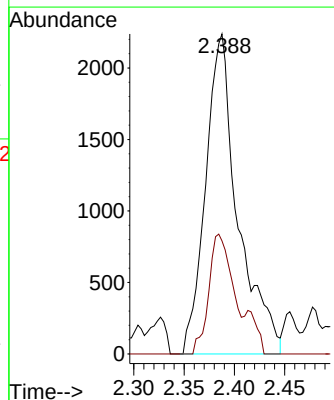
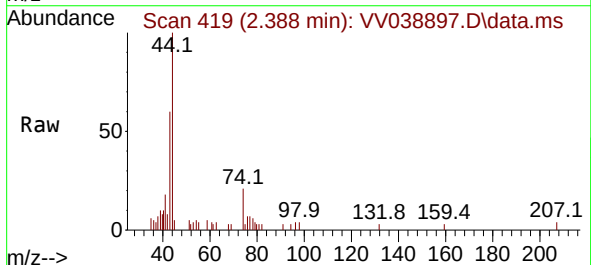
Instrument :
MSVOA_V
ClientSampleId :
MDL01

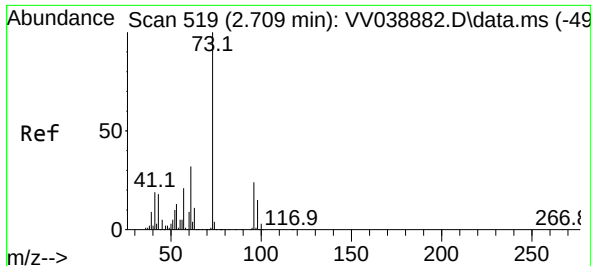
Tgt Ion: 76 Resp: 8131
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.2#



#18
Methyl Acetate
Concen: 0.516 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 5001
Ion Ratio Lower Upper
43 100
74 27.2 21.1 31.7

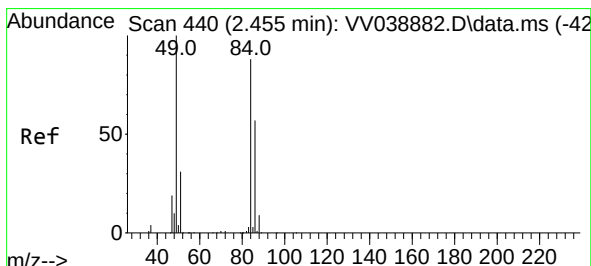
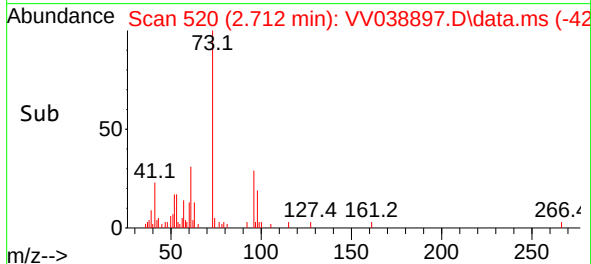
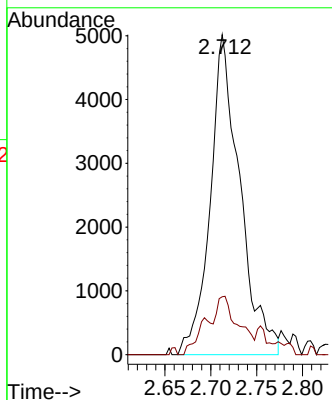
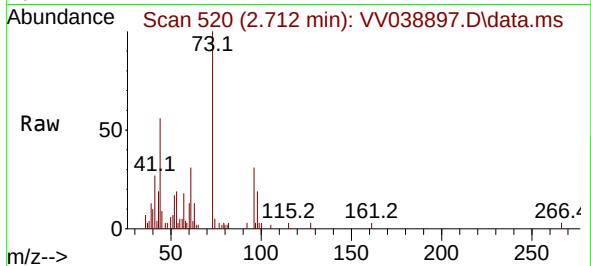




#19
Methyl tert-butyl Ether
Concen: 0.531 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

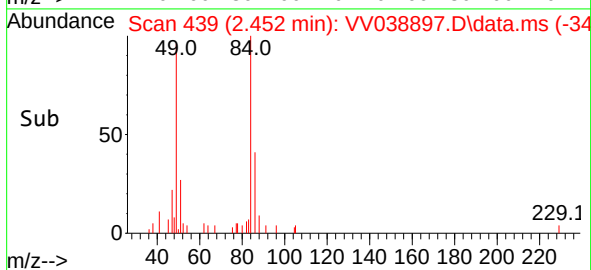
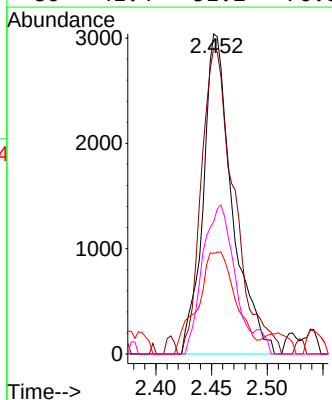
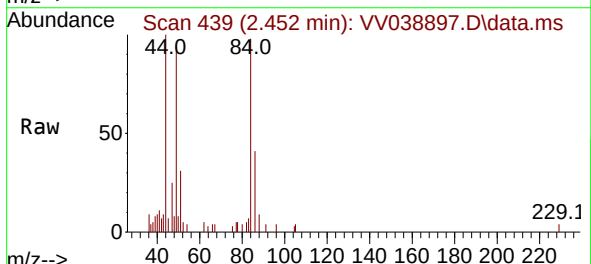
Instrument :
MSVOA_V
ClientSampleId :
MDL01

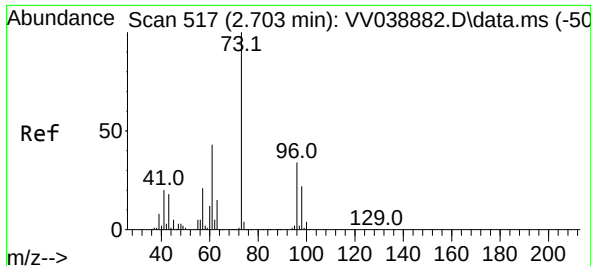
Tgt Ion: 73 Resp: 11304
Ion Ratio Lower Upper
73 100
57 18.1 16.5 24.7



#20
Methylene Chloride
Concen: 0.761 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 84 Resp: 5533
Ion Ratio Lower Upper
84 100
49 95.6 90.5 135.7
51 27.9 27.8 41.6
86 41.4 51.2 76.8#

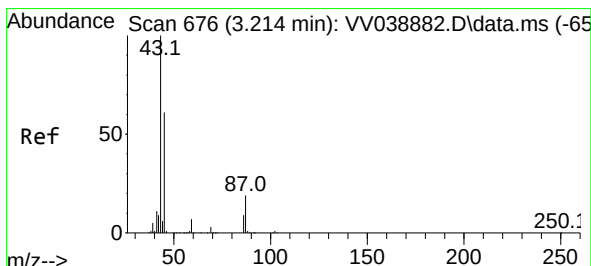
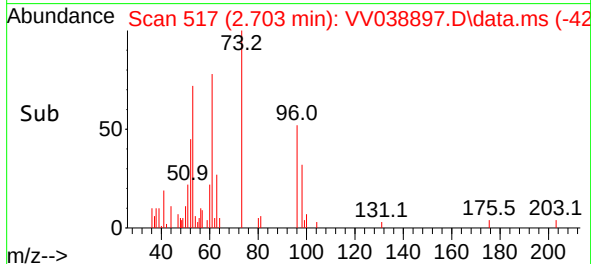
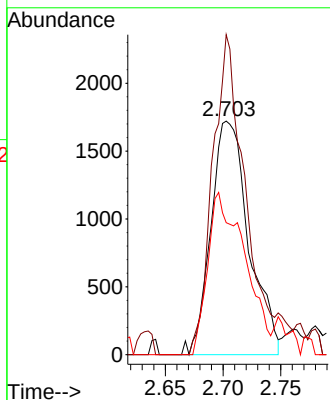
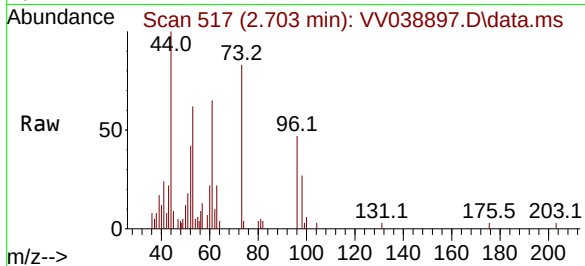




#21
trans-1,2-Dichloroethene
Concen: 0.651 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

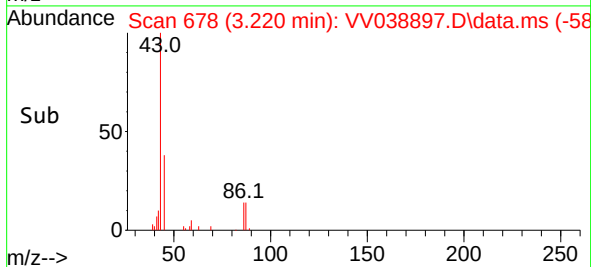
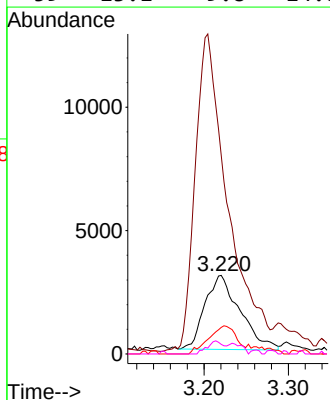
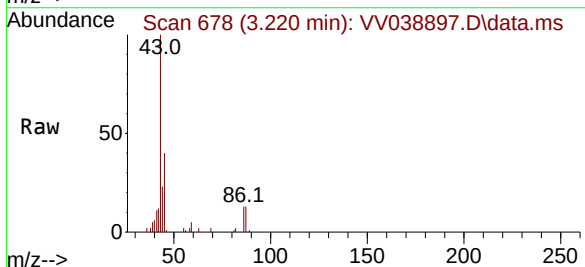
Instrument :
MSVOA_V
ClientSampleId :
MDL01

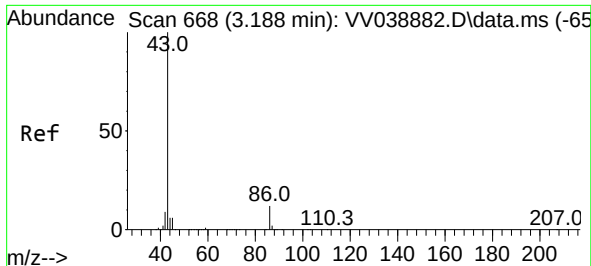
Tgt Ion: 96 Resp: 3933
Ion Ratio Lower Upper
96 100
61 137.0 102.0 153.0
98 56.5 51.0 76.6



#22
Diisopropyl ether
Concen: 0.480 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 45 Resp: 8674
Ion Ratio Lower Upper
45 100
43 263.0 132.1 198.1#
87 36.1 25.0 37.4
59 13.1 9.8 14.8

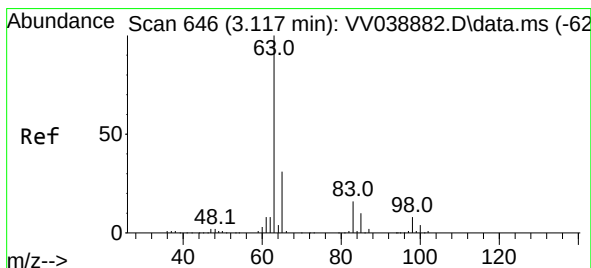
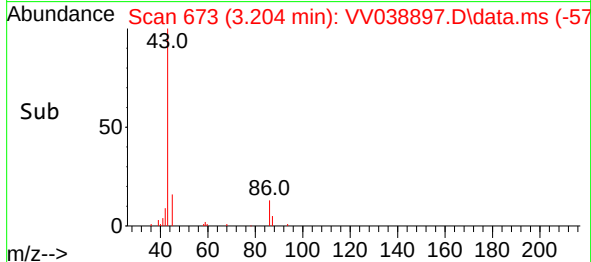
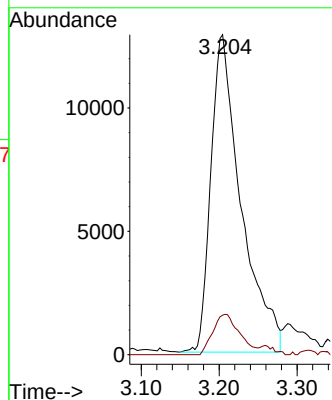
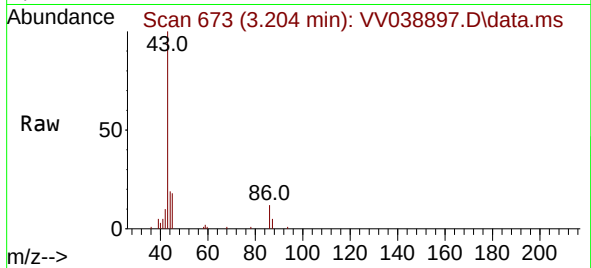




#23
 Vinyl Acetate
 Concen: 2.444 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

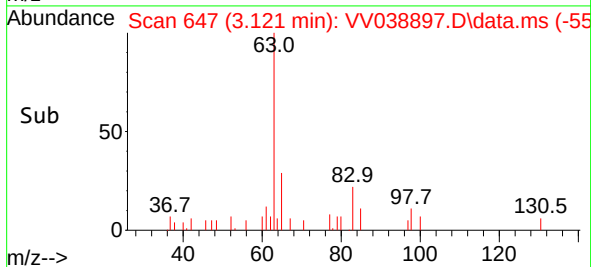
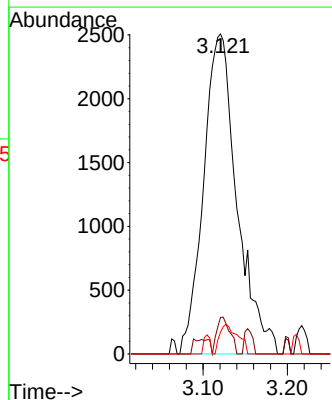
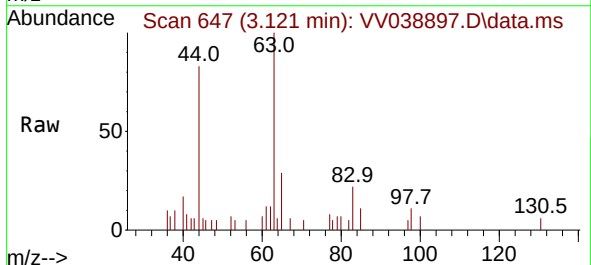
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

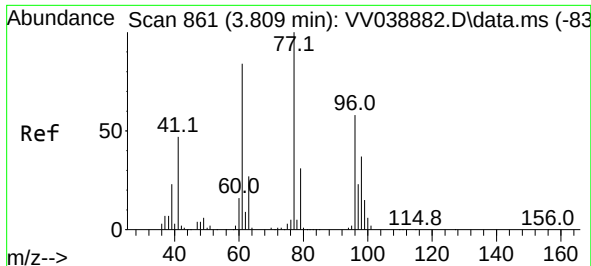
Tgt Ion: 43 Resp: 34631
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 0.586 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

Tgt Ion: 63 Resp: 6930
 Ion Ratio Lower Upper
 63 100
 98 11.5 3.9 11.7
 100 6.8 2.2 6.6#

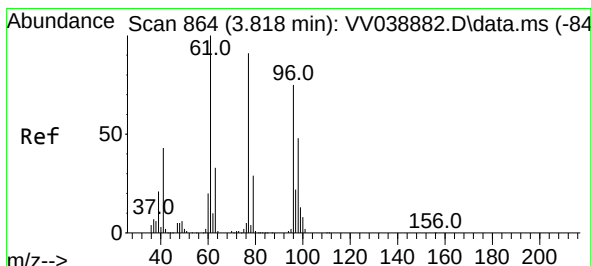
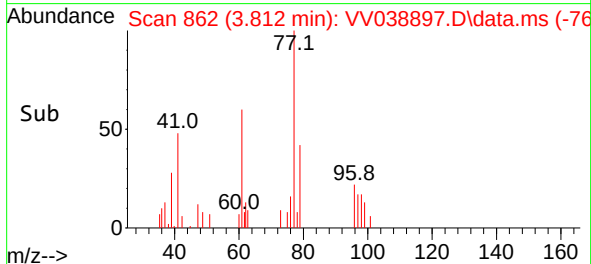
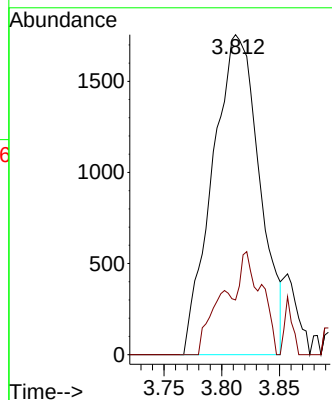
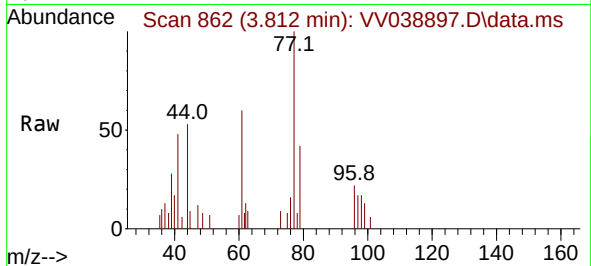




#26
2,2-Dichloropropane
Concen: 0.481 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

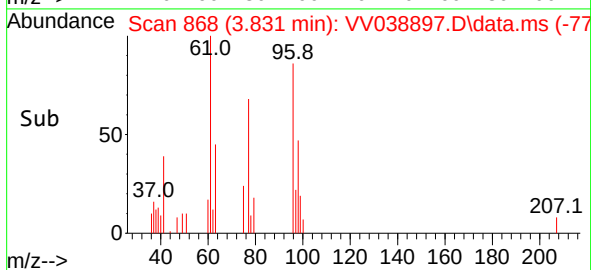
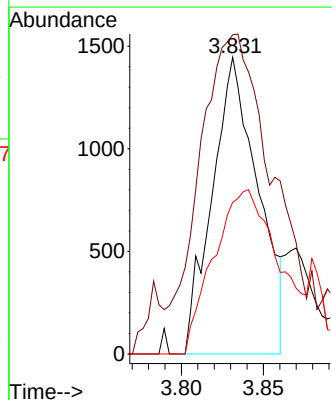
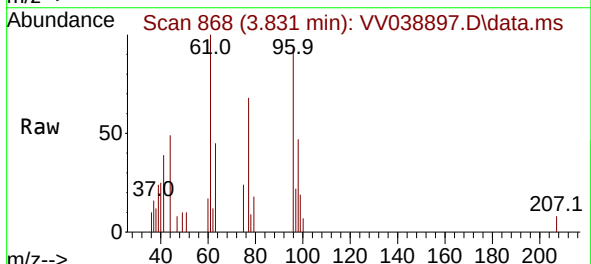
Instrument :
MSVOA_V
ClientSampleId :
MDL01

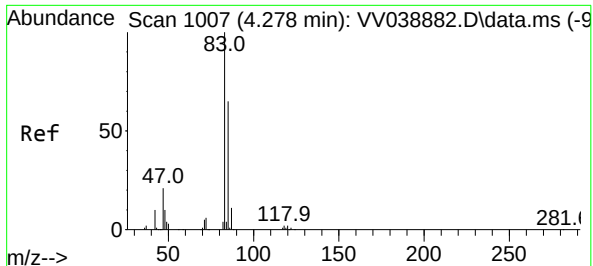
Tgt Ion: 77 Resp: 4982
Ion Ratio Lower Upper
77 100
97 14.8 11.4 34.2



#27
cis-1,2-Dichloroethene
Concen: 0.406 ug/l
RT: 3.831 min Scan# 868
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 96 Resp: 2818
Ion Ratio Lower Upper
96 100
61 149.8 0.0 275.0
98 79.0 0.0 130.0





#30

Chloroform

Concen: 0.474 ug/l

RT: 4.281 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

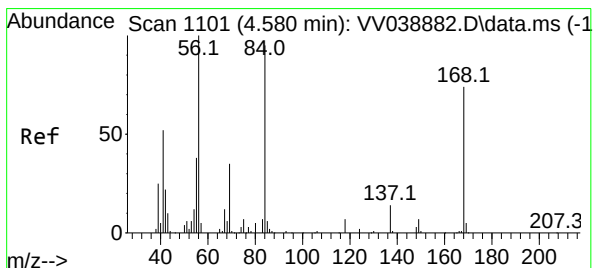
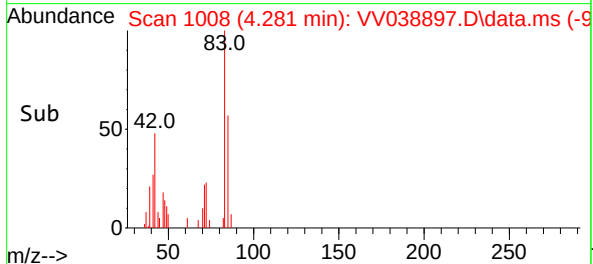
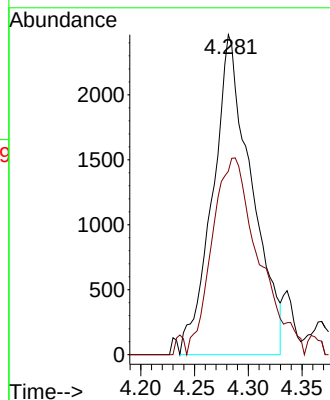
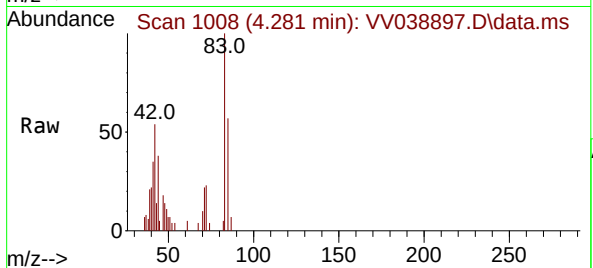
MDL01

Tgt Ion: 83 Resp: 6189

Ion Ratio Lower Upper

83 100

85 51.2 52.2 78.4#



#31

Cyclohexane

Concen: 1.991 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

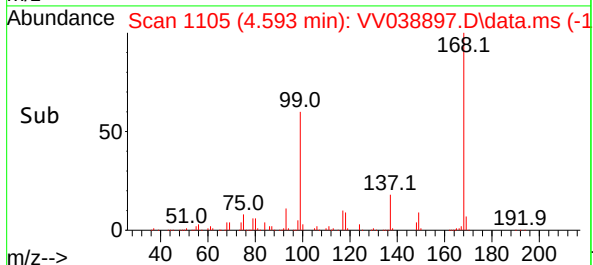
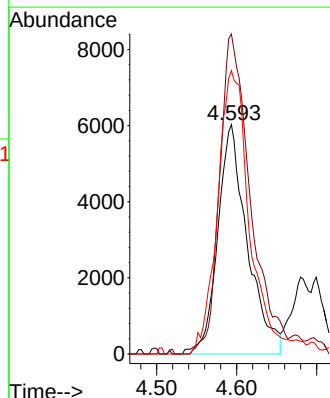
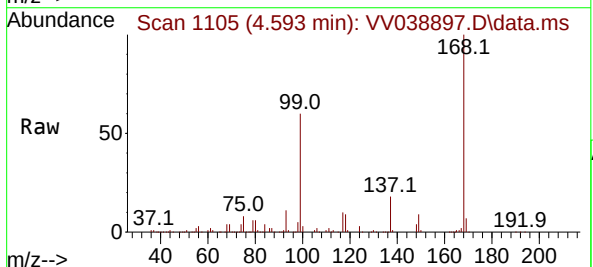
Tgt Ion: 56 Resp: 15465

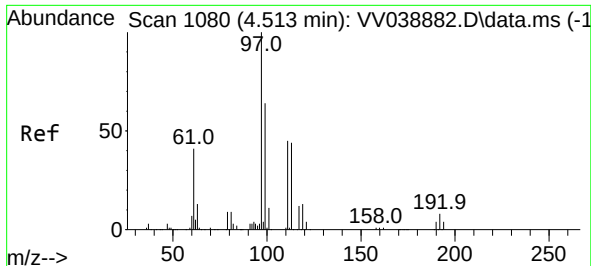
Ion Ratio Lower Upper

56 100

69 139.5 28.2 42.2#

84 123.5 76.0 114.0#

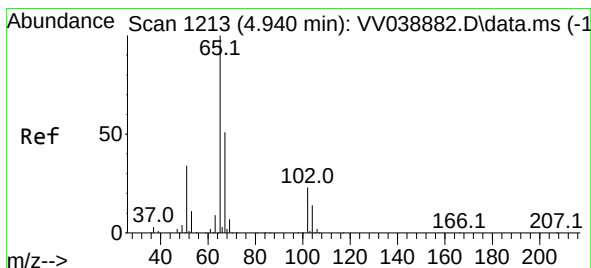
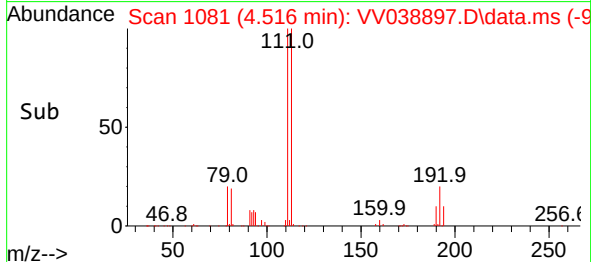
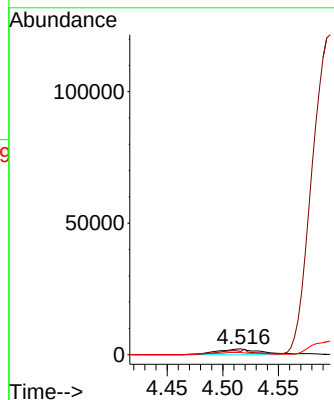
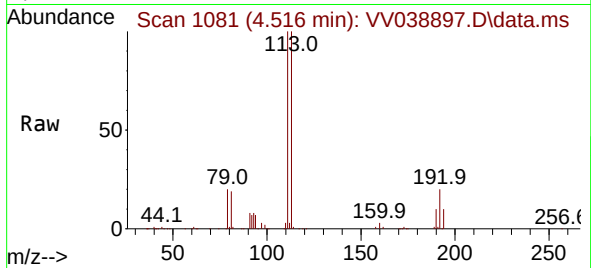




#32
1,1,1-Trichloroethane
Concen: 0.503 ug/l
RT: 4.516 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

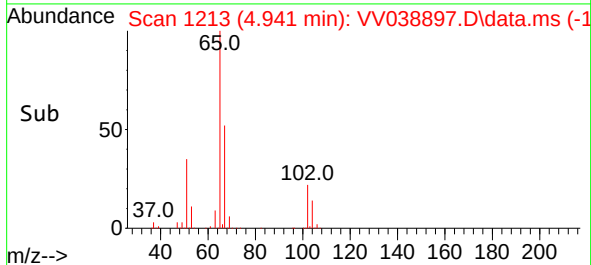
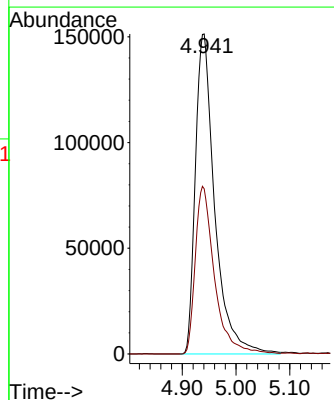
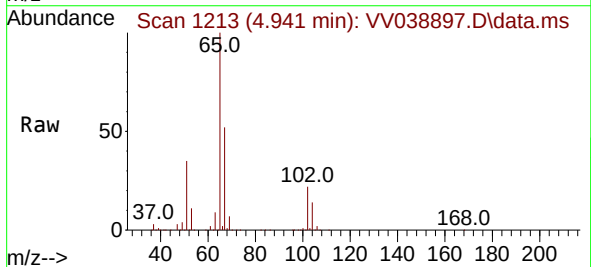
Instrument :
MSVOA_V
ClientSampleId :
MDL01

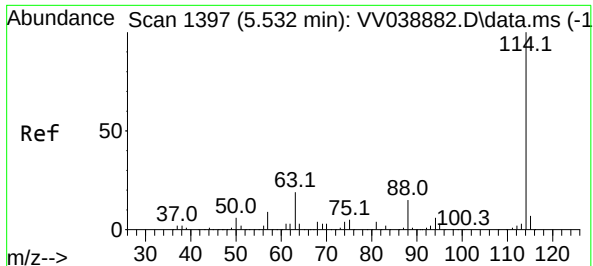
Tgt Ion: 97 Resp: 5723
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 25.2 32.6 49.0#



#33
1,2-Dichloroethane-d4
Concen: 57.176 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 65 Resp: 378810
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

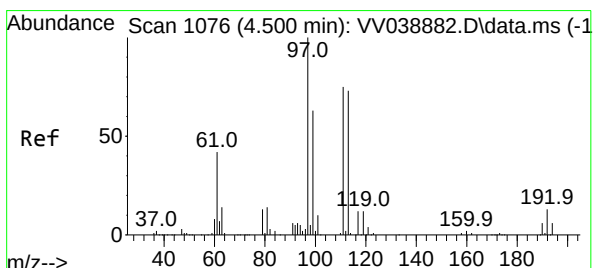
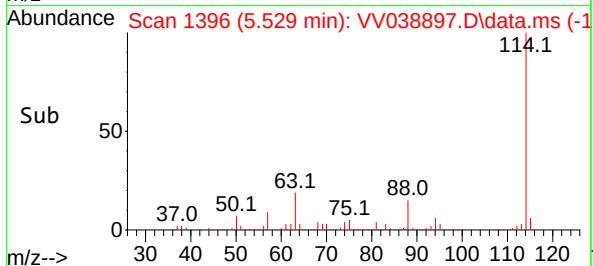
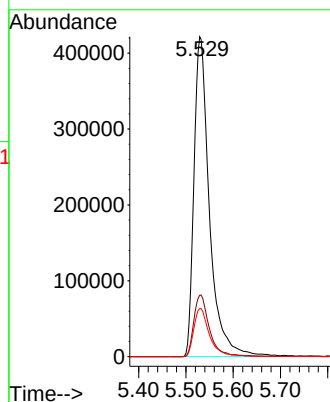
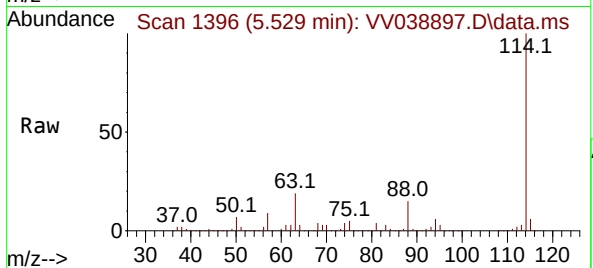
Tgt Ion:114 Resp: 960363

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.2

88 15.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 48.450 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

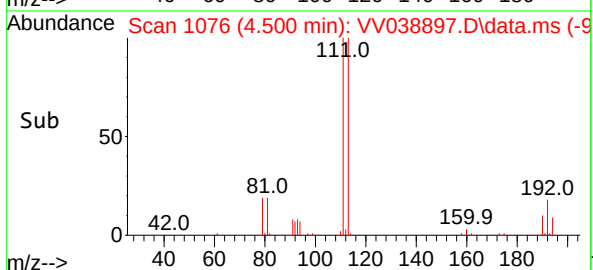
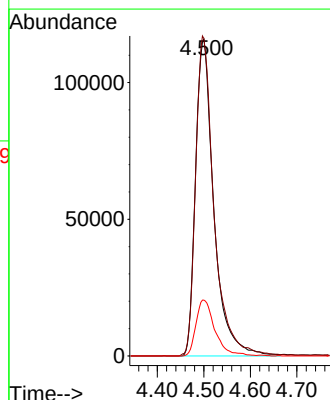
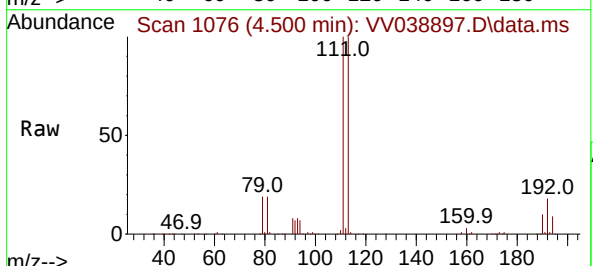
Tgt Ion:113 Resp: 317236

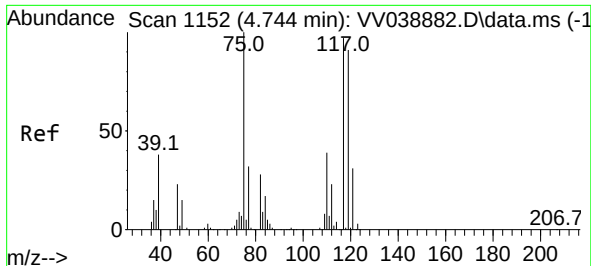
Ion Ratio Lower Upper

113 100

111 101.1 83.3 124.9

192 18.2 14.2 21.4

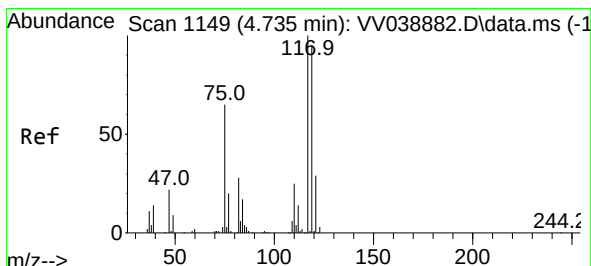
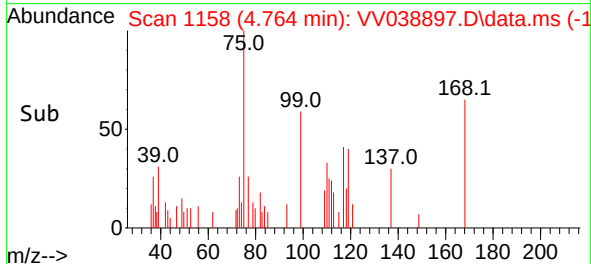
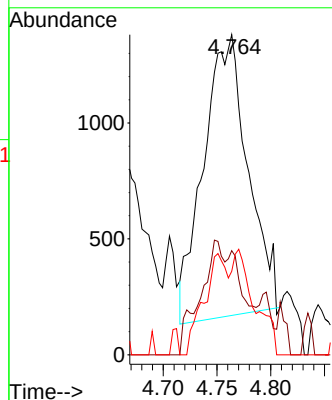
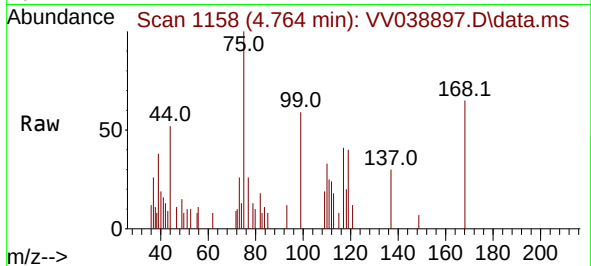




#36
 1,1-Dichloropropene
 Concen: 0.463 ug/l
 RT: 4.764 min Scan# 1158
 Delta R.T. 0.019 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

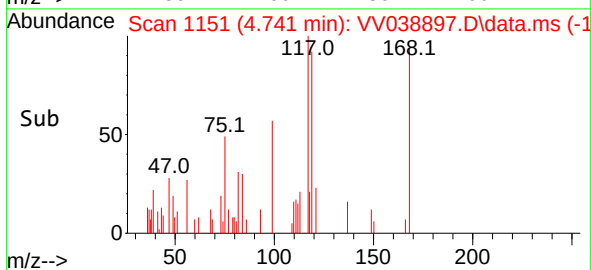
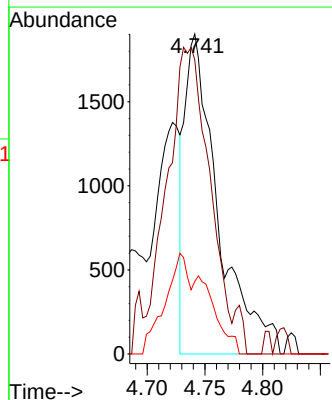
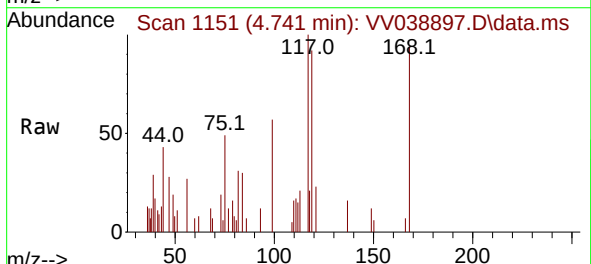
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

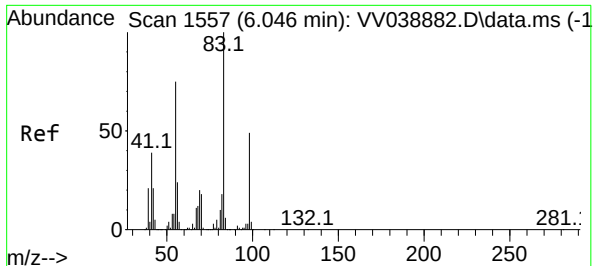
Tgt Ion: 75 Resp: 3482
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.8 56.3#
 77 17.3 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 0.382 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. 0.007 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

Tgt Ion: 117 Resp: 3815
 Ion Ratio Lower Upper
 117 100
 119 84.2 76.0 114.0
 121 22.6 23.1 34.7#





#39

Methylcyclohexane

Concen: 0.562 ug/l

RT: 6.056 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

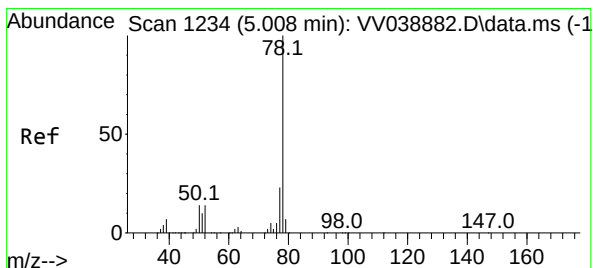
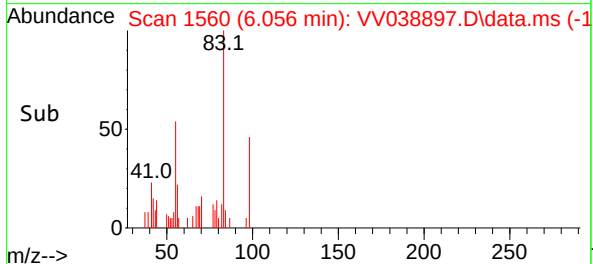
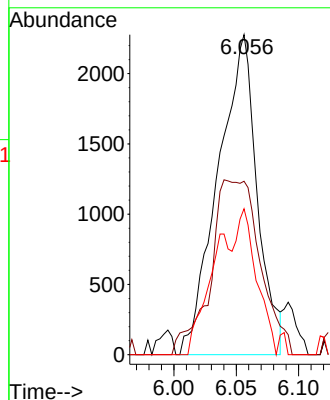
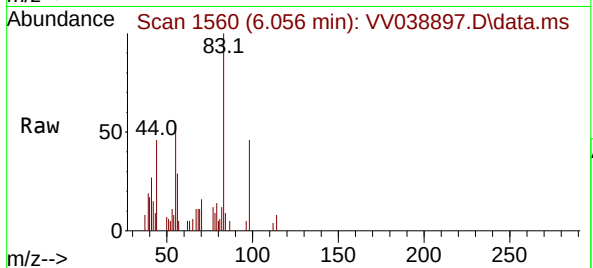
Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:	83	Resp:	4990
Ion	Ratio	Lower	Upper
83	100		
55	47.4	60.0	90.0#
98	45.6	39.0	58.6



#40

Benzene

Concen: 0.460 ug/l

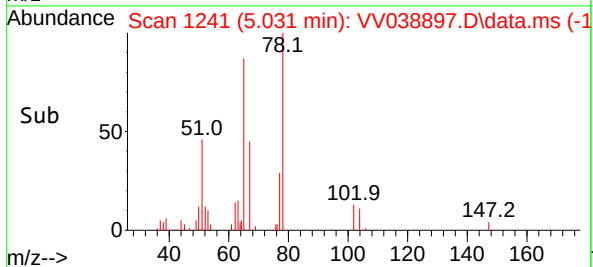
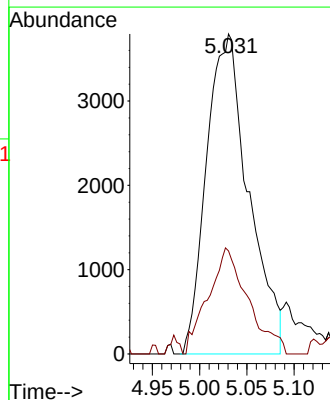
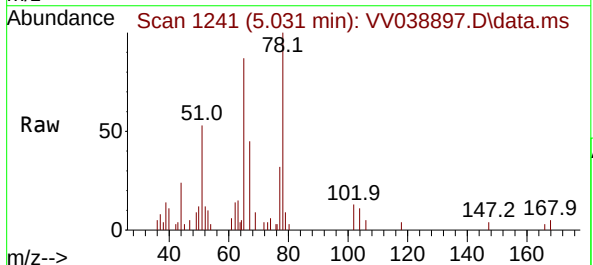
RT: 5.031 min Scan# 1241

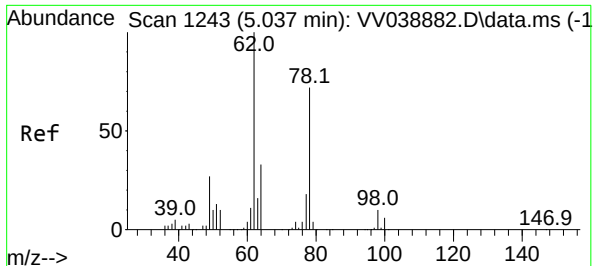
Delta R.T. 0.023 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Tgt Ion:	78	Resp:	11739
Ion	Ratio	Lower	Upper
78	100		
77	29.1	18.6	28.0#





#42

1,2-Dichloroethane

Concen: 0.517 ug/l

RT: 5.059 min Scan# 11

Delta R.T. 0.023 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

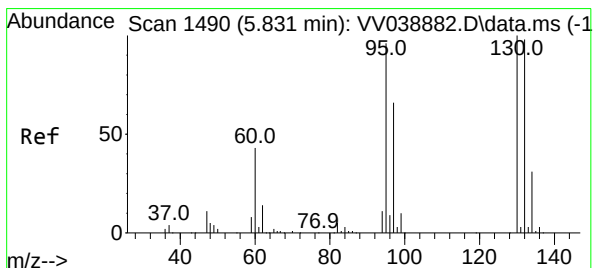
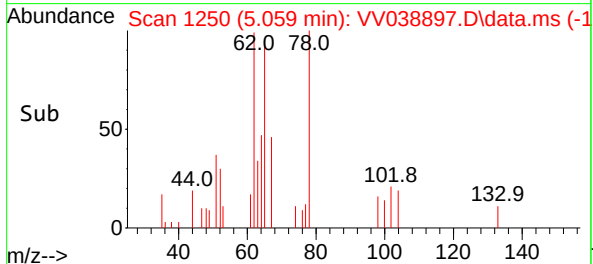
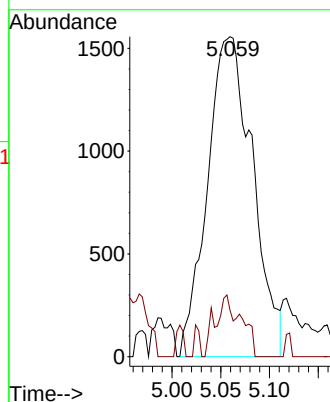
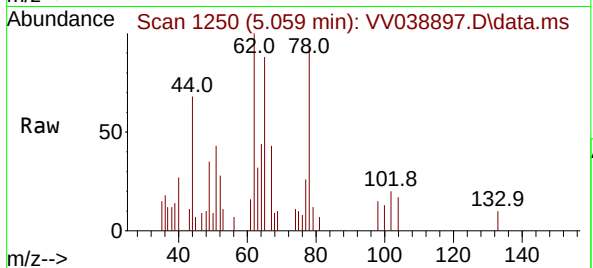
MDL01

Tgt Ion: 62 Resp: 5031

Ion Ratio Lower Upper

62 100

98 2.0 0.0 18.8



#44

Trichloroethene

Concen: 0.487 ug/l

RT: 5.850 min Scan# 1496

Delta R.T. 0.019 min

Lab File: VV038897.D

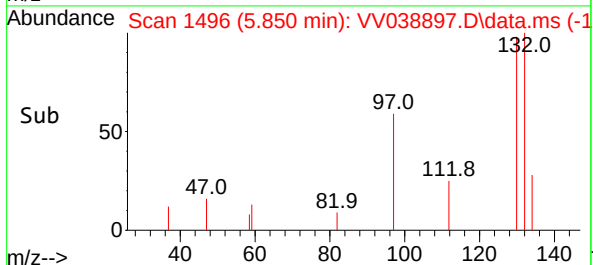
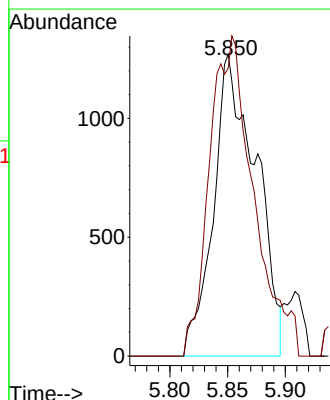
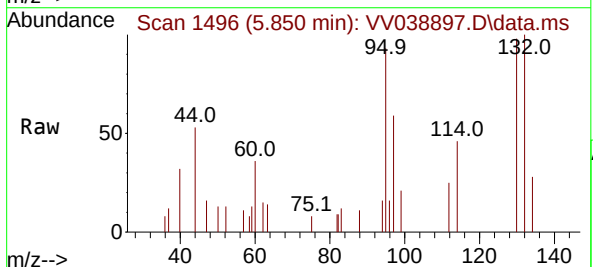
Acq: 15 Jul 2025 12:55

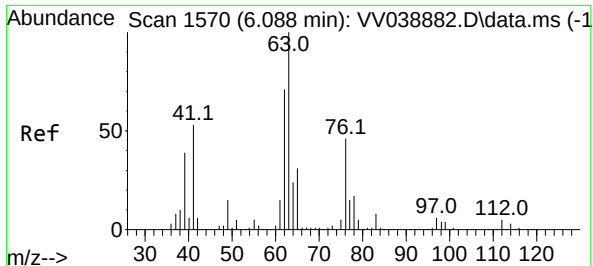
Tgt Ion:130 Resp: 3247

Ion Ratio Lower Upper

130 100

95 95.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 6.111 min Scan# 1577

Delta R.T. 0.023 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

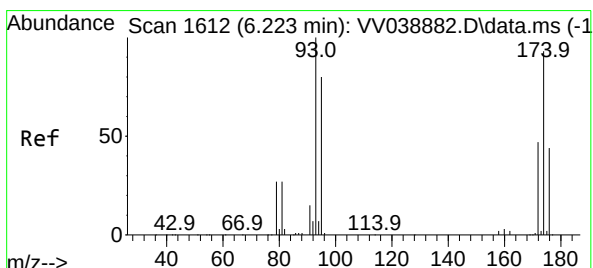
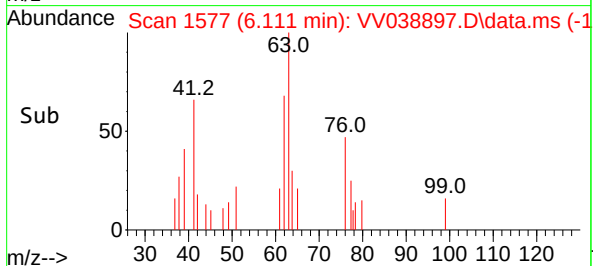
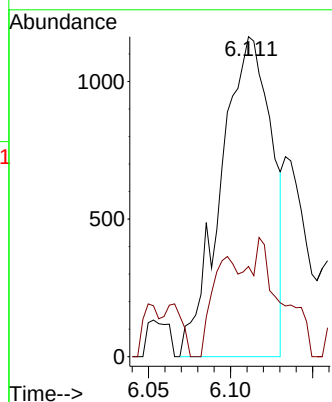
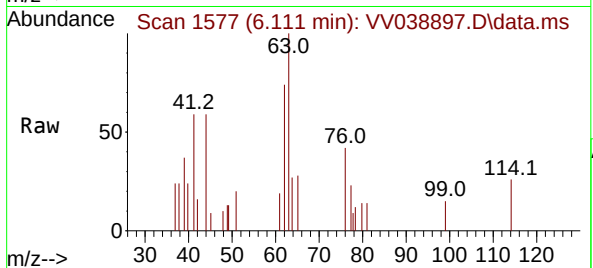
MDL01

Tgt Ion: 63 Resp: 2510

Ion Ratio Lower Upper

63 100

65 15.6 24.9 37.3#



#46

Dibromomethane

Concen: 0.477 ug/l

RT: 6.249 min Scan# 1620

Delta R.T. 0.026 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

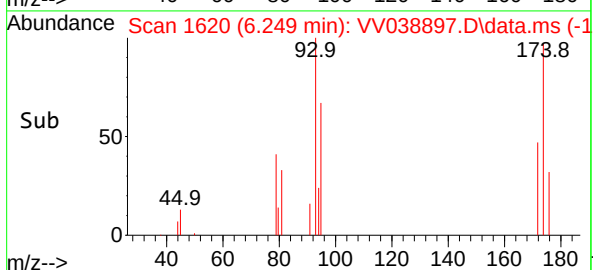
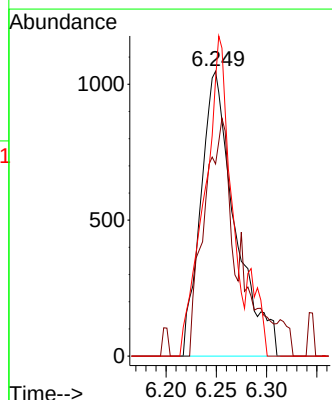
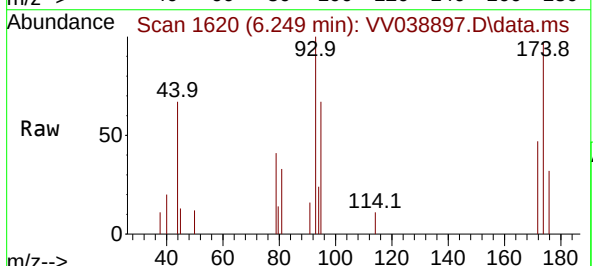
Tgt Ion: 93 Resp: 2488

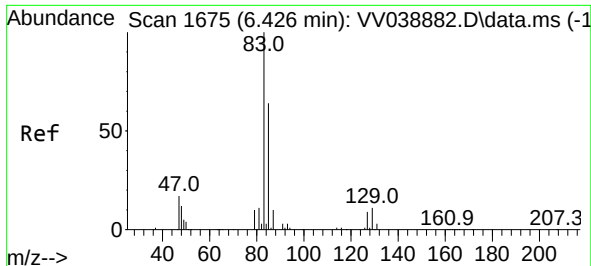
Ion Ratio Lower Upper

93 100

95 63.7 66.2 99.4#

174 85.5 75.3 112.9

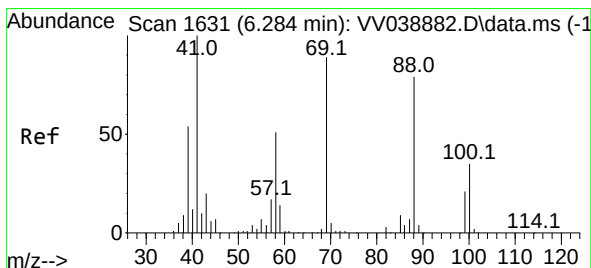
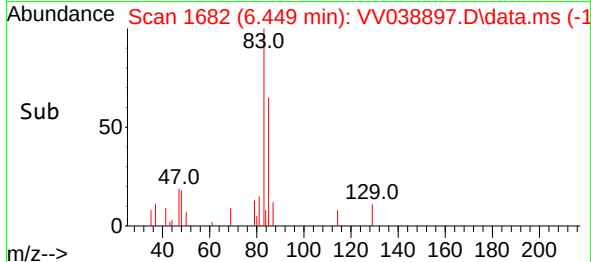
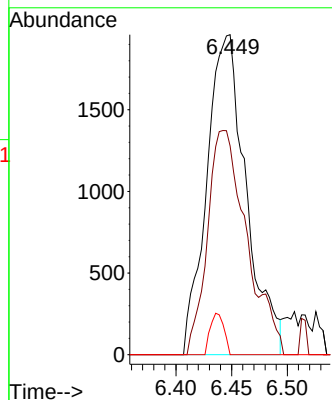
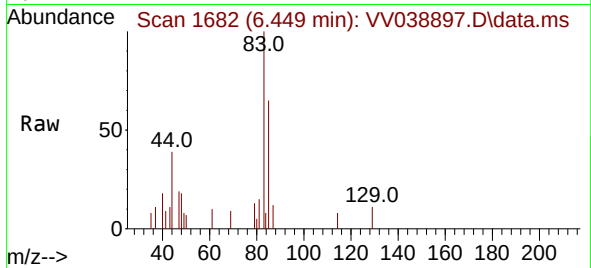




#47
Bromodichloromethane
Concen: 0.437 ug/l
RT: 6.449 min Scan# 1
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

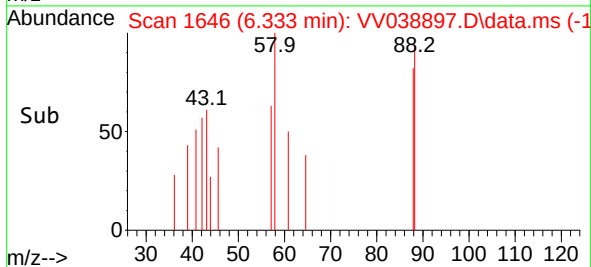
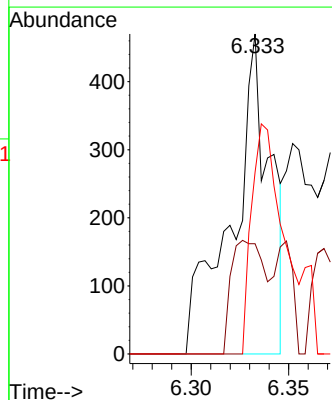
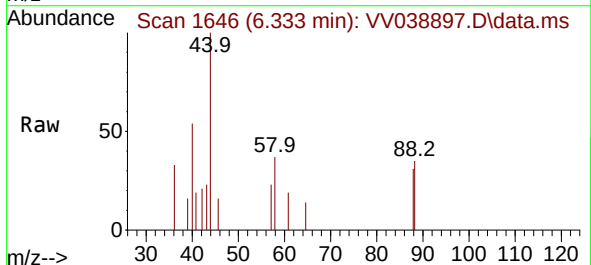
Instrument :
MSVOA_V
ClientSampleId :
MDL01

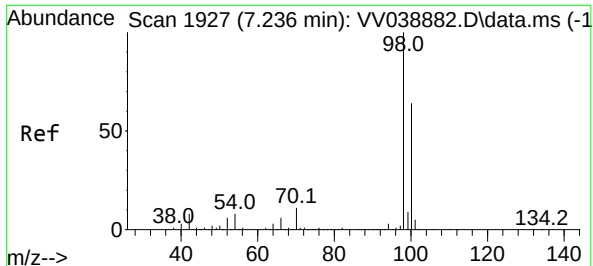
Tgt Ion: 83 Resp: 4838
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 0.0 6.9 10.3#



#49
1,4-Dioxane
Concen: 4.892 ug/l
RT: 6.333 min Scan# 1646
Delta R.T. 0.048 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 88 Resp: 641
Ion Ratio Lower Upper
88 100
43 30.4 23.0 34.4
58 66.0 53.8 80.6

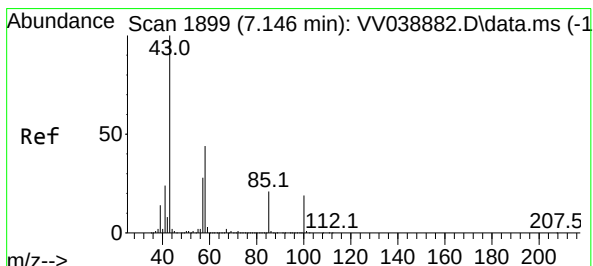
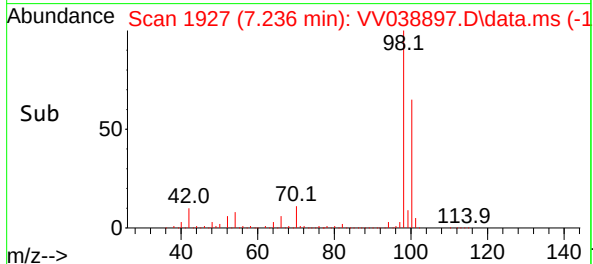
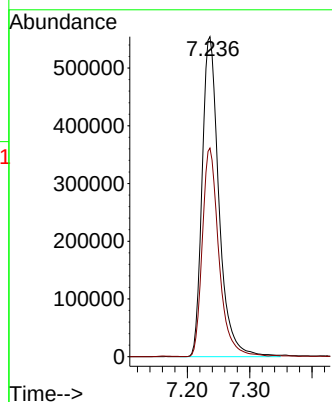
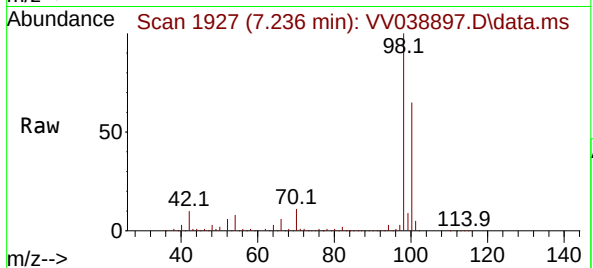




#50
Toluene-d8
Concen: 52.526 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

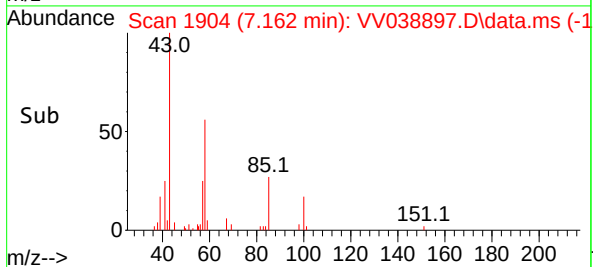
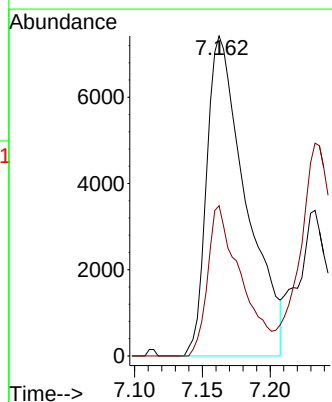
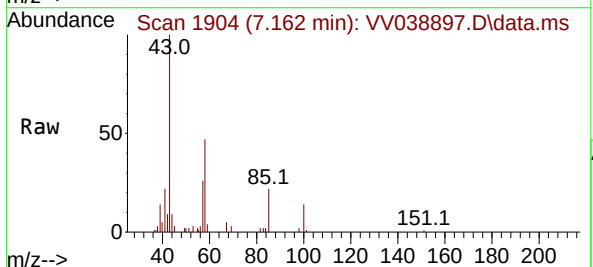
Instrument :
MSVOA_V
ClientSampleId :
MDL01

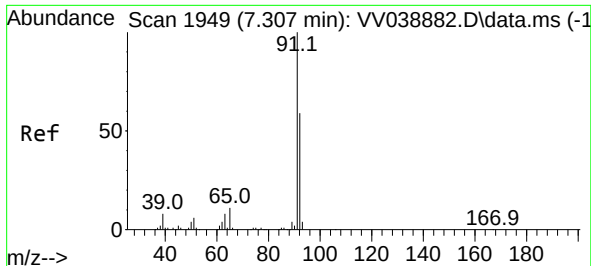
Tgt Ion: 98 Resp: 1039589
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.562 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 43 Resp: 14900
Ion Ratio Lower Upper
43 100
58 40.1 34.5 51.7

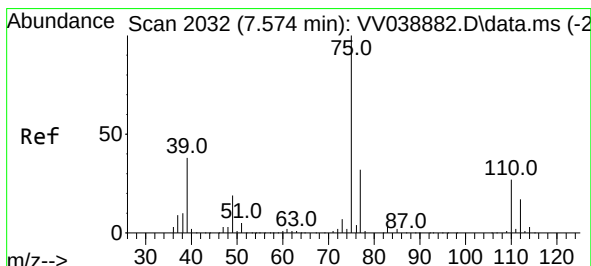
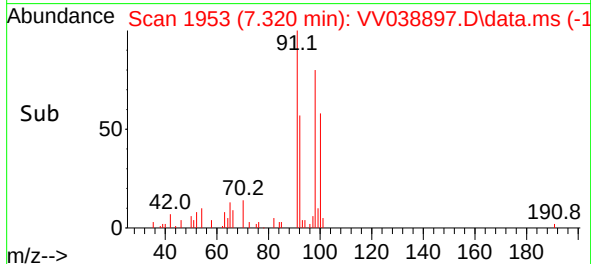
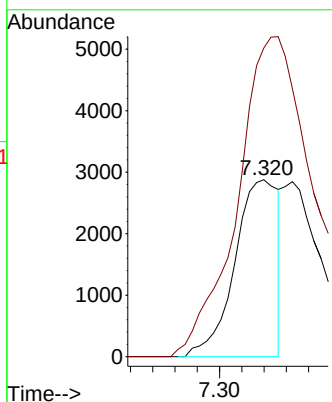
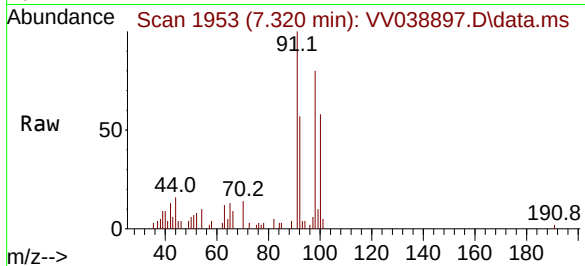




#52
Toluene
Concen: 0.242 ug/l
RT: 7.320 min Scan# 1949
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

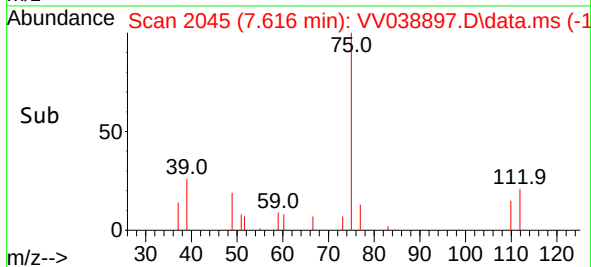
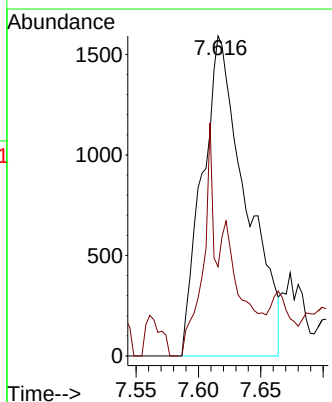
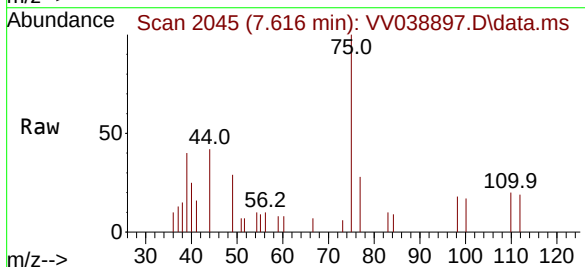
Instrument :
MSVOA_V
ClientSampleId :
MDL01

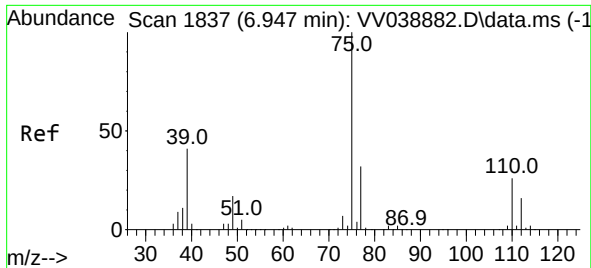
Tgt Ion: 92 Resp: 3897
Ion Ratio Lower Upper
92 100
91 339.8 137.1 205.7#



#53
t-1,3-Dichloropropene
Concen: 0.385 ug/l
RT: 7.616 min Scan# 2045
Delta R.T. 0.042 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 75 Resp: 3858
Ion Ratio Lower Upper
75 100
77 27.9 26.0 39.0

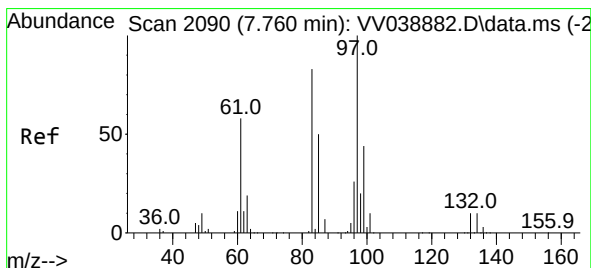
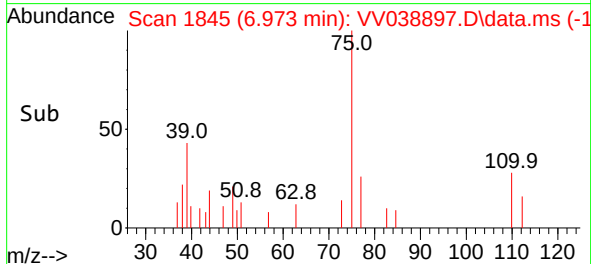
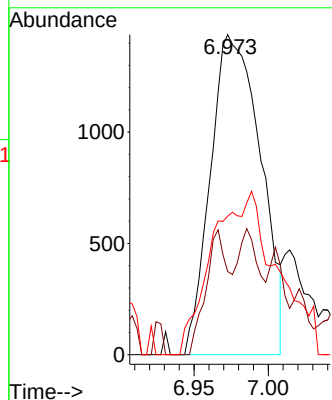
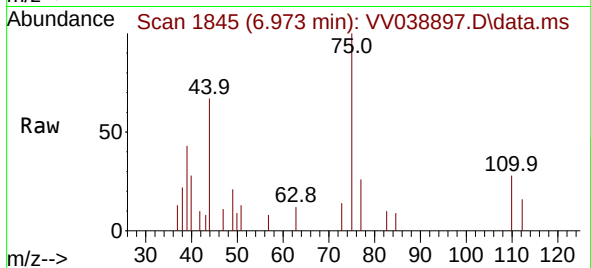




#54
 cis-1,3-Dichloropropene
 Concen: 0.312 ug/l
 RT: 6.973 min Scan# 1845
 Delta R.T. 0.026 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

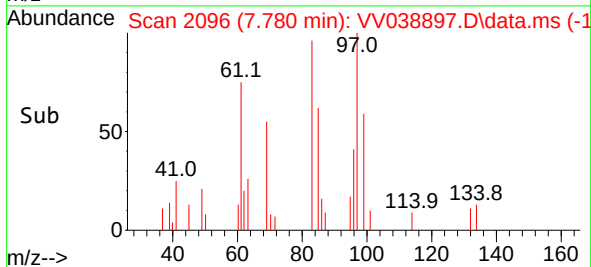
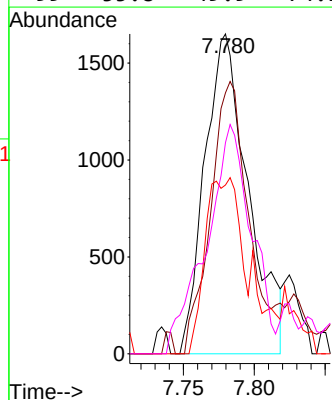
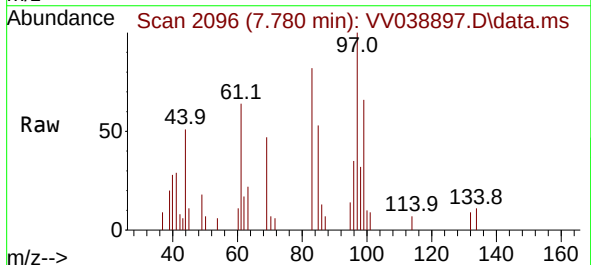
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

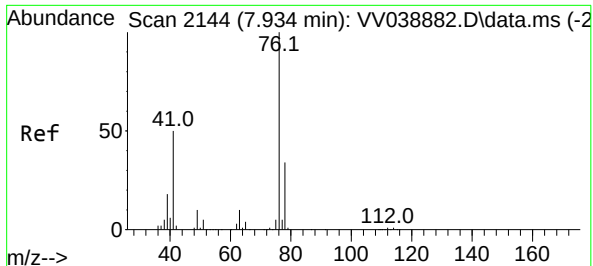
Tgt Ion: 75	Resp: 3381
Ion Ratio	Lower Upper
75 100	
77 25.9	25.5 38.3
39 43.3	33.1 49.7



#55
 1,1,2-Trichloroethane
 Concen: 0.458 ug/l
 RT: 7.780 min Scan# 2096
 Delta R.T. 0.019 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

Tgt Ion: 97	Resp: 3517
Ion Ratio	Lower Upper
97 100	
83 81.6	66.2 99.4
85 52.8	41.4 62.2
99 55.8	49.9 74.9





#57

1,3-Dichloropropane

Concen: 0.456 ug/l

RT: 7.953 min Scan# 2144

Delta R.T. 0.019 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

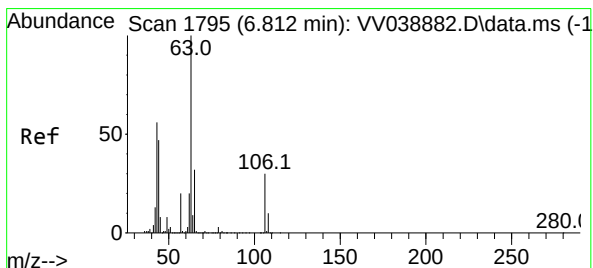
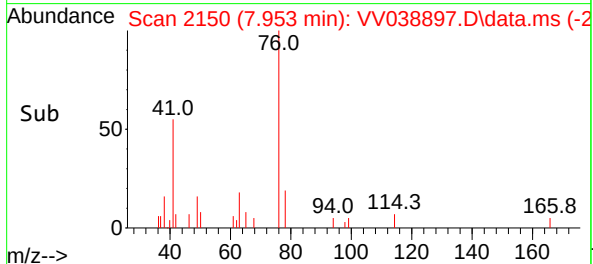
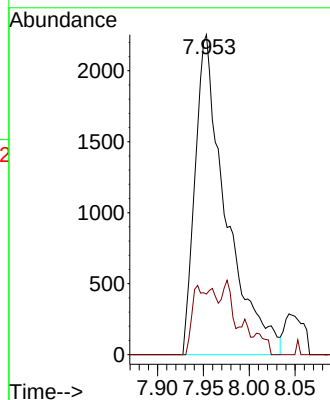
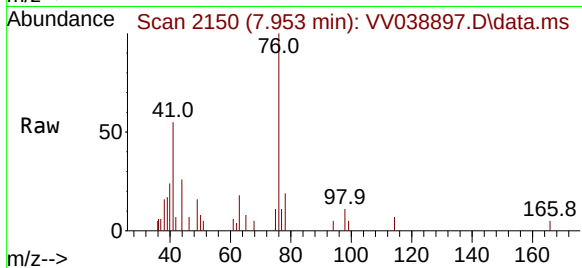
MDL01

Tgt Ion: 76 Resp: 5251

Ion Ratio Lower Upper

76 100

78 9.7 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.704 ug/l

RT: 6.850 min Scan# 1807

Delta R.T. 0.038 min

Lab File: VV038897.D

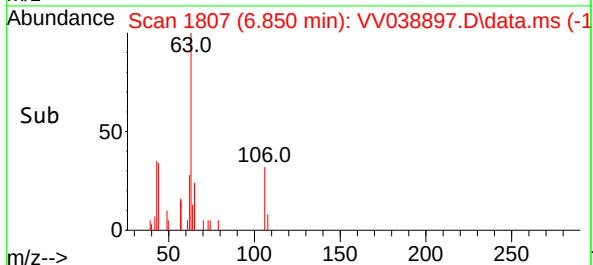
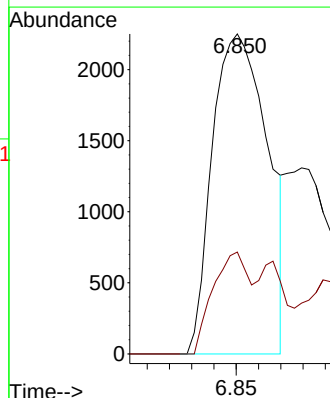
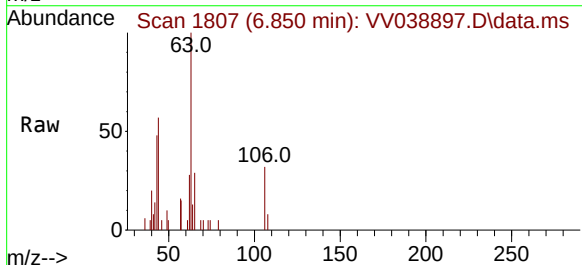
Acq: 15 Jul 2025 12:55

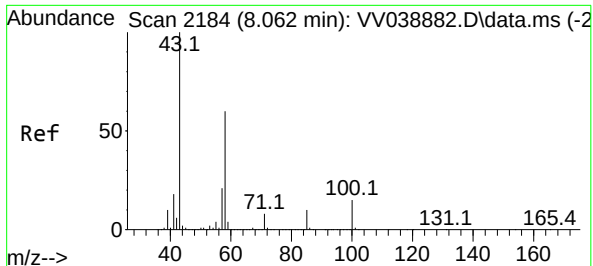
Tgt Ion: 63 Resp: 3878

Ion Ratio Lower Upper

63 100

106 20.9 24.1 36.1#





#59

2-Hexanone

Concen: 1.084 ug/l

RT: 8.104 min Scan# 2184

Delta R.T. 0.042 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

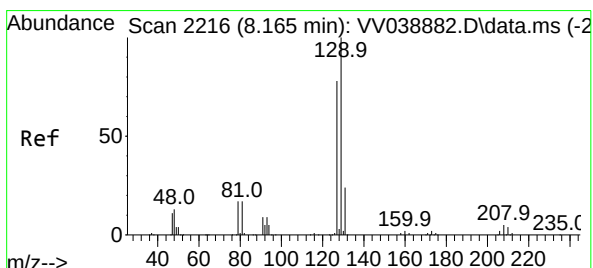
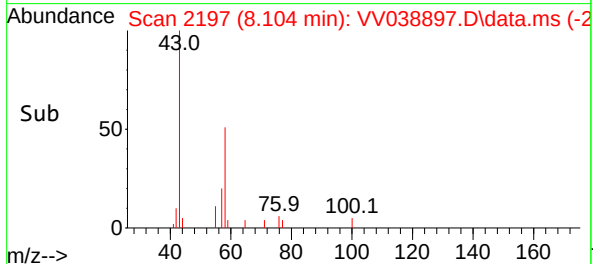
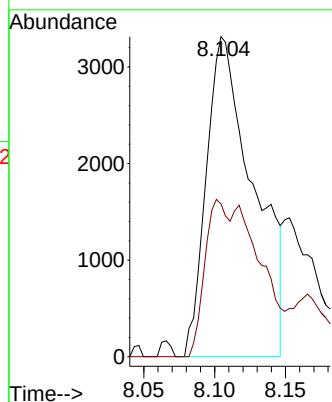
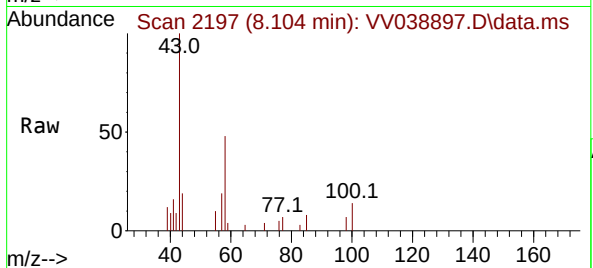
MDL01

Tgt Ion: 43 Resp: 7701

Ion Ratio Lower Upper

43 100

58 25.3 29.6 88.8#



#60

Dibromochloromethane

Concen: 0.403 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VV038897.D

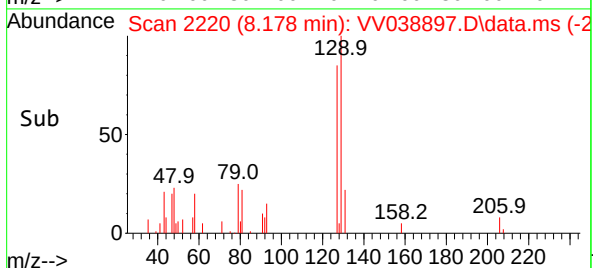
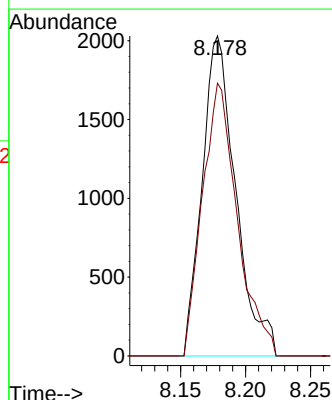
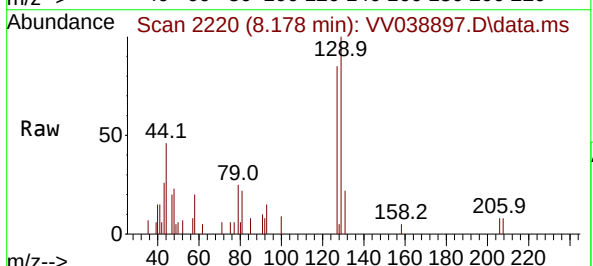
Acq: 15 Jul 2025 12:55

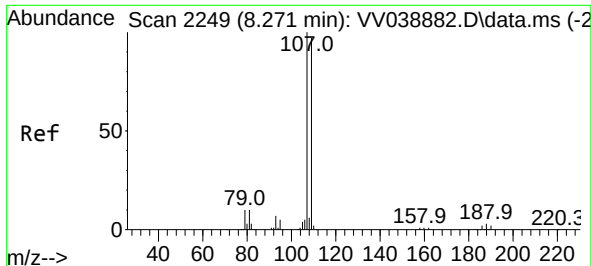
Tgt Ion: 129 Resp: 3648

Ion Ratio Lower Upper

129 100

127 88.4 39.4 118.2





#61

1,2-Dibromoethane

Concen: 0.380 ug/l

RT: 8.291 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

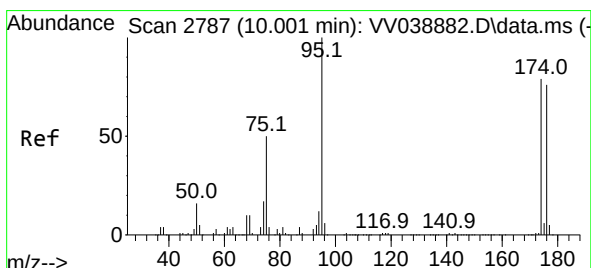
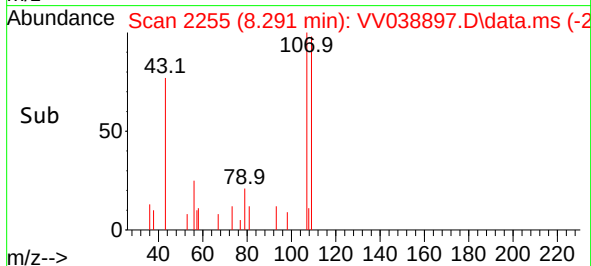
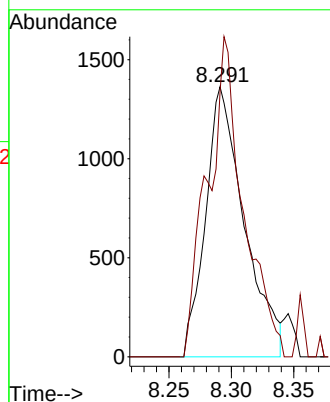
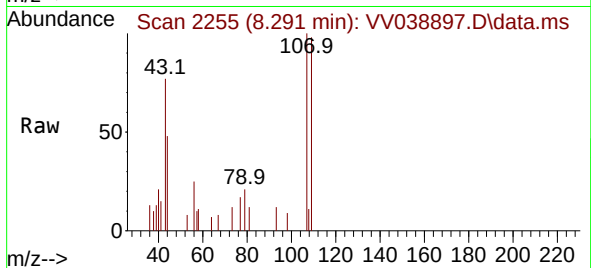
MDL01

Tgt Ion:107 Resp: 2939

Ion Ratio Lower Upper

107 100

109 109.7 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 48.562 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

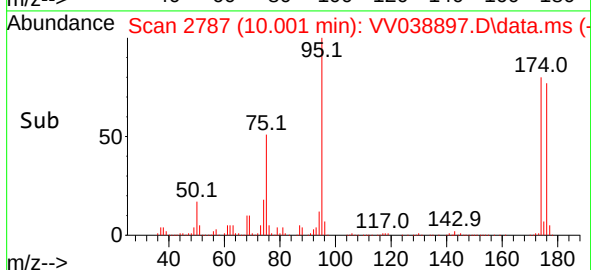
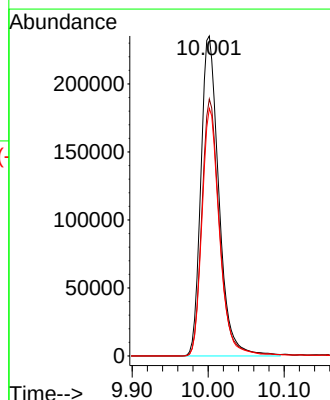
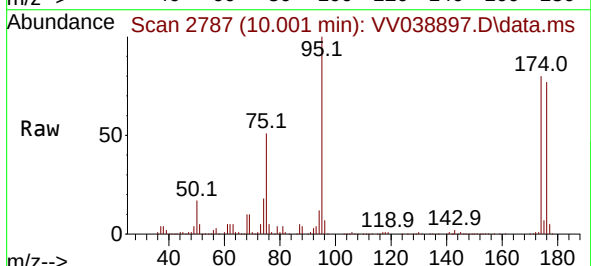
Tgt Ion: 95 Resp: 387180

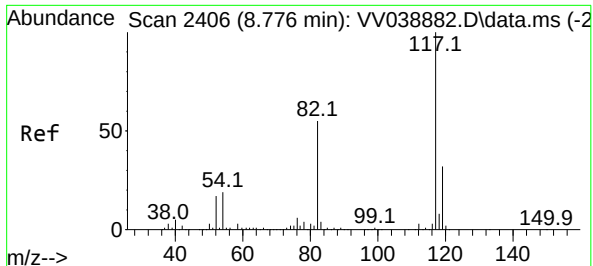
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.0

176 75.0 0.0 152.2

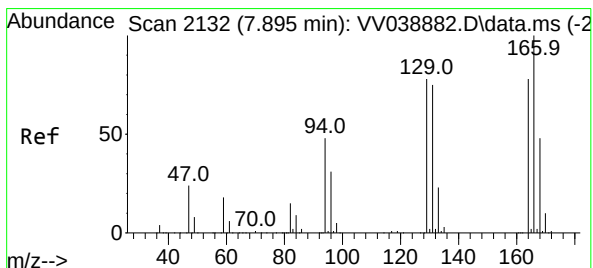
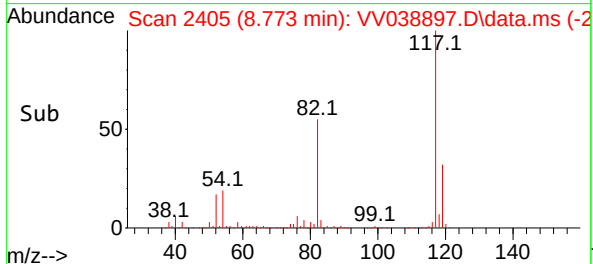
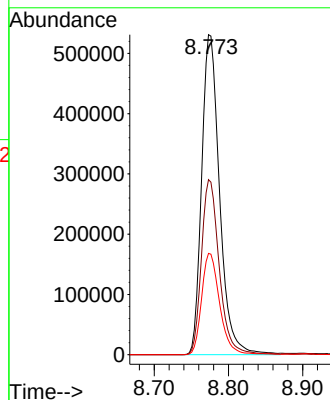
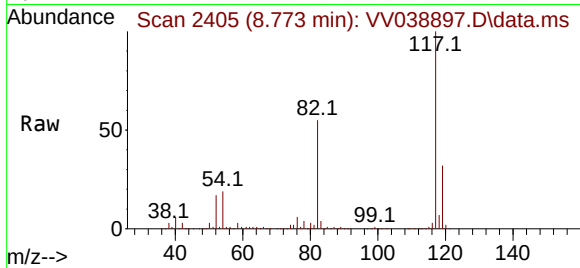




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

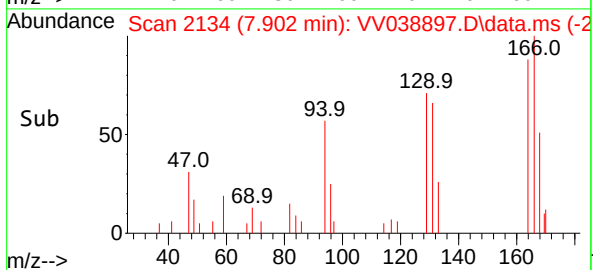
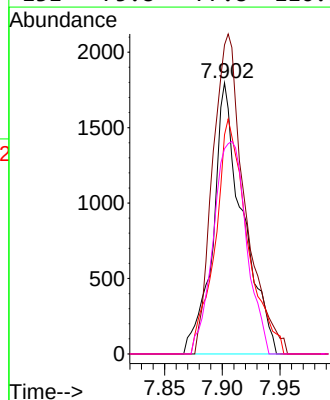
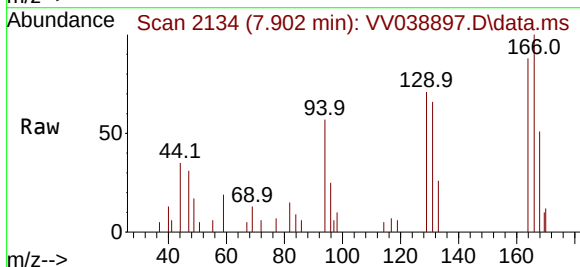
Instrument :
MSVOA_V
ClientSampleId :
MDL01

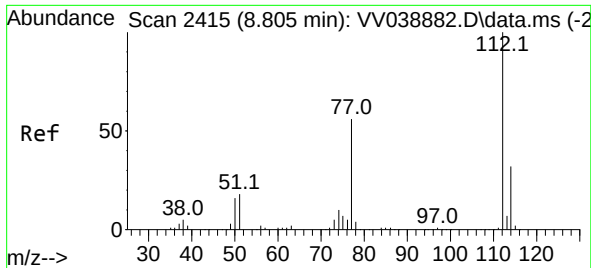
Tgt Ion:117 Resp: 892194
Ion Ratio Lower Upper
117 100
82 54.7 43.7 65.5
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 0.550 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:164 Resp: 3218
Ion Ratio Lower Upper
164 100
166 114.1 103.2 154.8
129 80.9 81.0 121.4#
131 75.8 77.8 116.8#

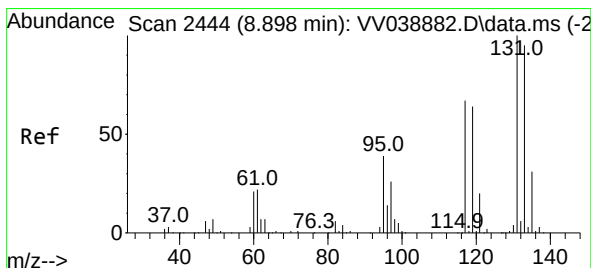
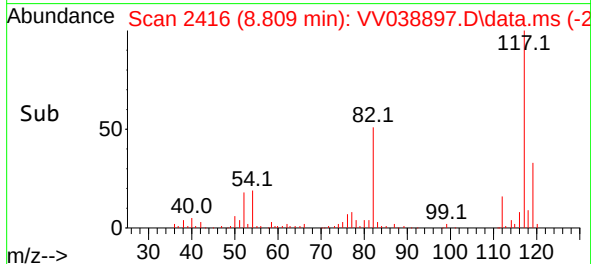
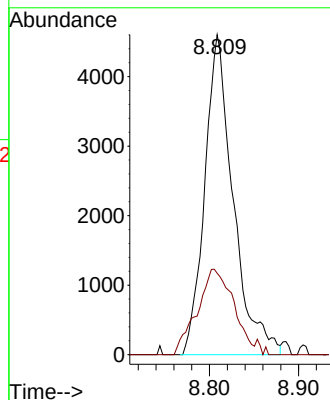
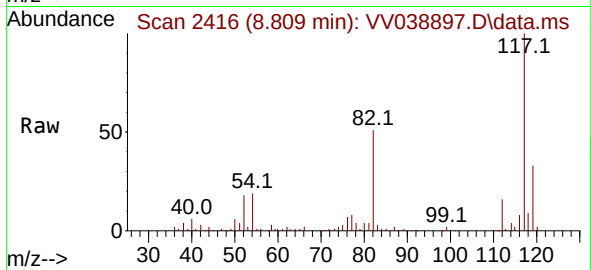




#65
Chlorobenzene
Concen: 0.522 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

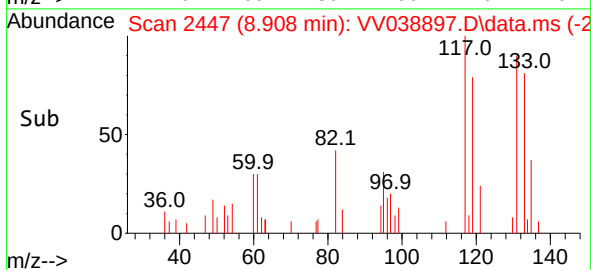
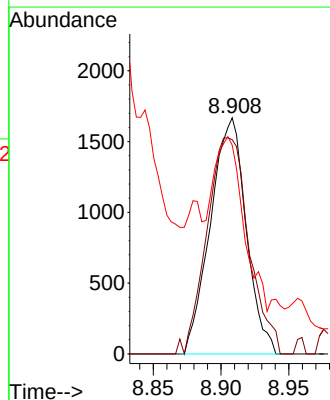
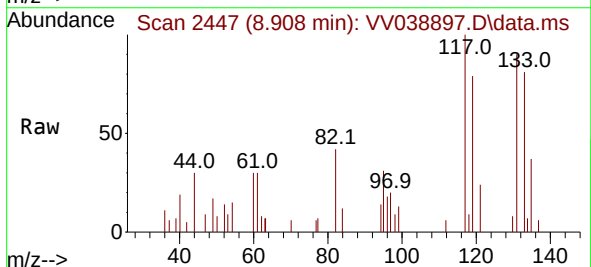
Instrument :
MSVOA_V
ClientSampleId :
MDL01

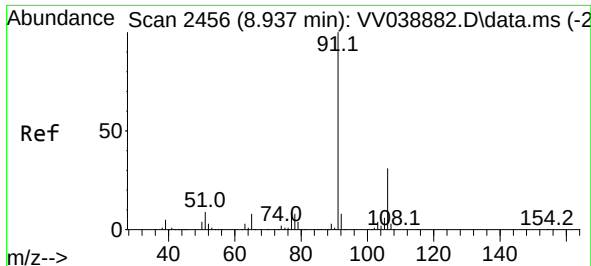
Tgt Ion:112 Resp: 10184
Ion Ratio Lower Upper
112 100
114 25.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.393 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:131 Resp: 3054
Ion Ratio Lower Upper
131 100
133 107.6 47.6 142.9
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 0.419 ug/l

RT: 8.950 min Scan# 2456

Delta R.T. 0.013 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

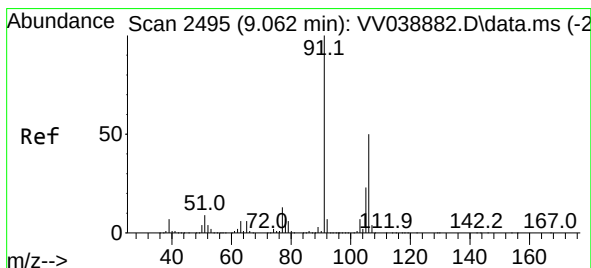
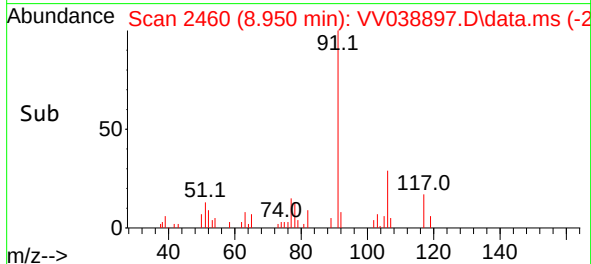
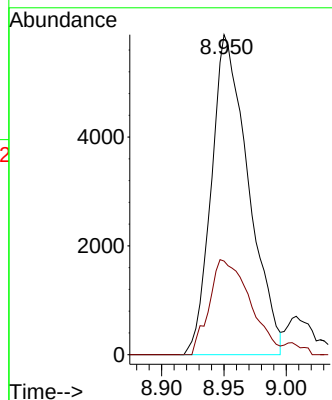
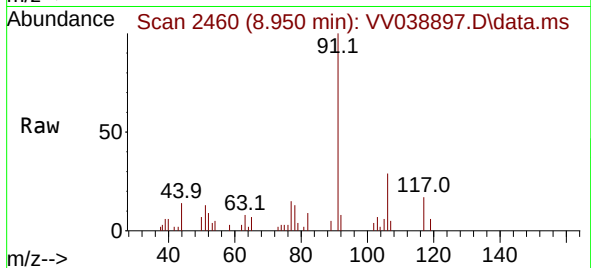
MDL01

Tgt Ion: 91 Resp: 12142

Ion Ratio Lower Upper

91 100

106 29.2 24.8 37.2



#68

m/p-Xylenes

Concen: 0.735 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038897.D

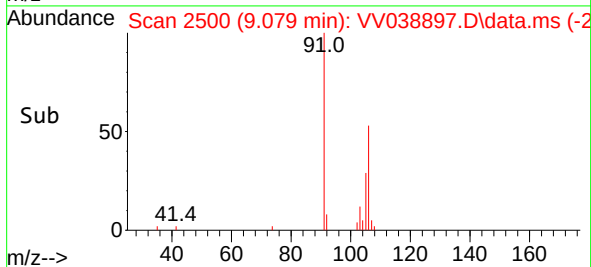
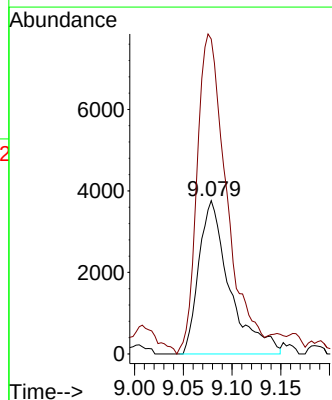
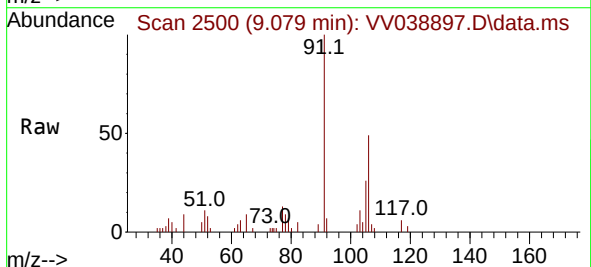
Acq: 15 Jul 2025 12:55

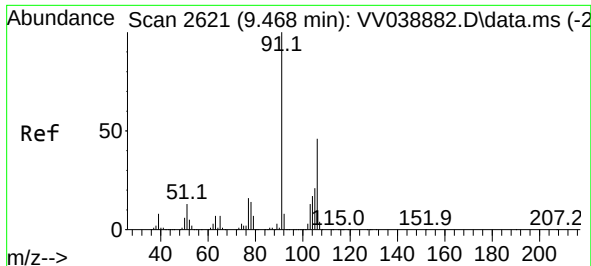
Tgt Ion: 106 Resp: 8285

Ion Ratio Lower Upper

106 100

91 200.2 161.0 241.6

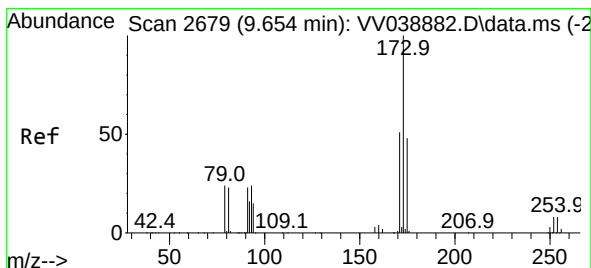
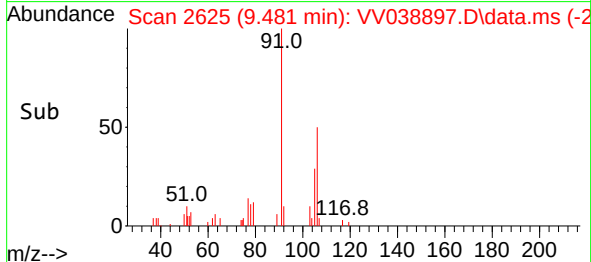
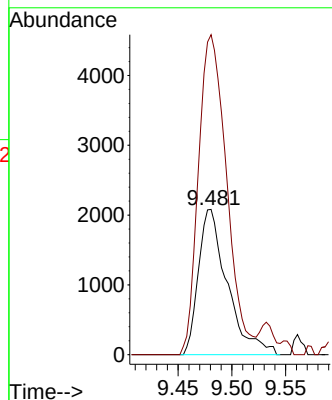
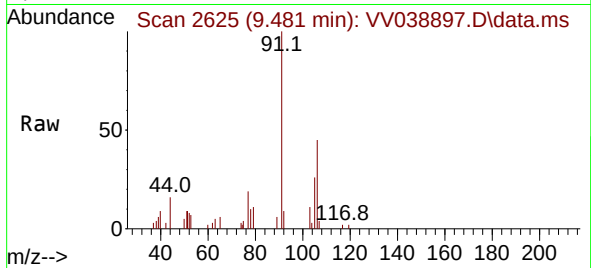




#69
o-Xylene
Concen: 0.365 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

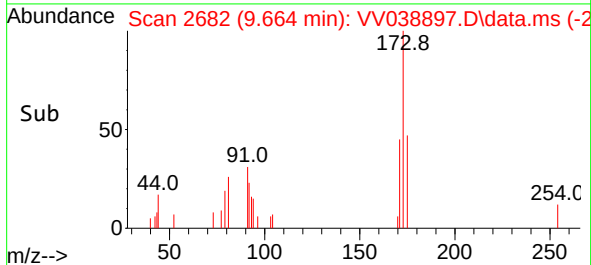
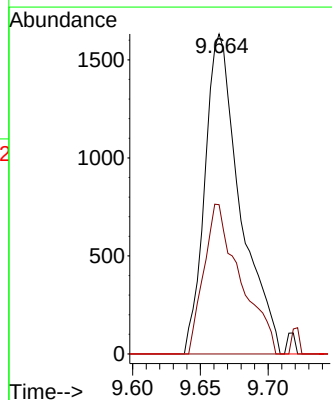
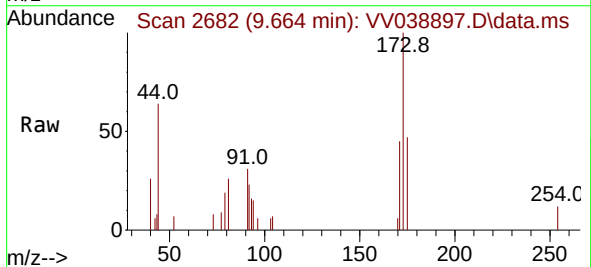
Instrument :
MSVOA_V
ClientSampleId :
MDL01

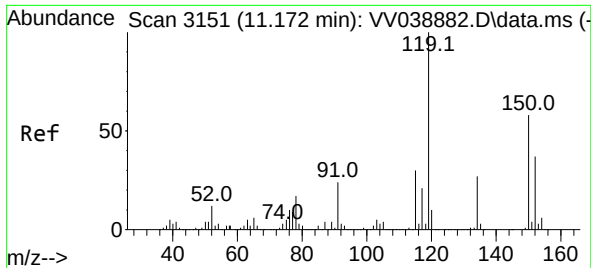
Tgt Ion:106 Resp: 3886
Ion Ratio Lower Upper
106 100
91 215.1 108.9 326.6



#71
Bromoform
Concen: 0.467 ug/l
RT: 9.664 min Scan# 2682
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:173 Resp: 2948
Ion Ratio Lower Upper
173 100
175 48.5 23.5 70.6
254 0.0 0.1 0.1#

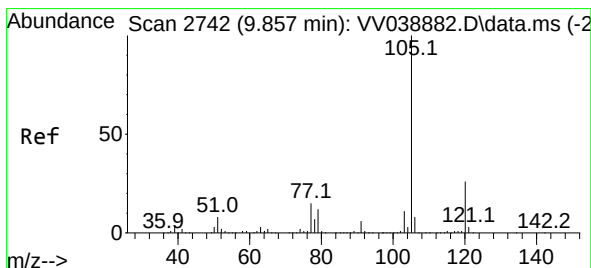
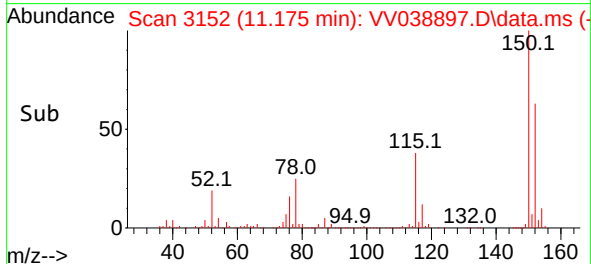
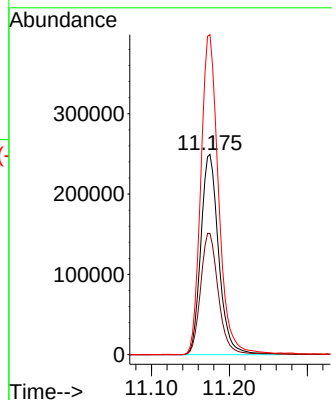
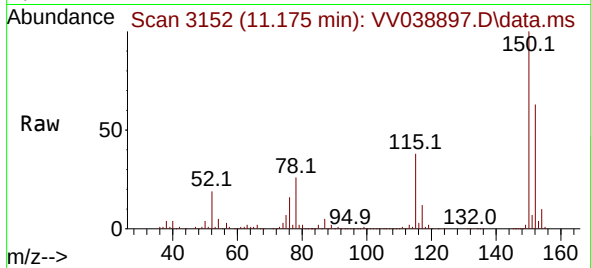




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

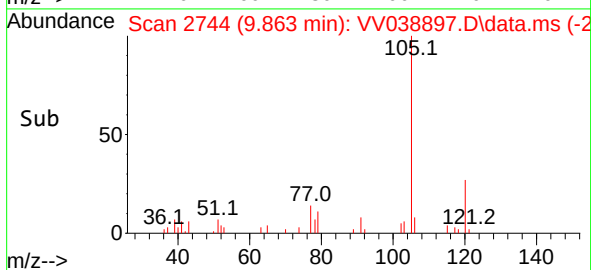
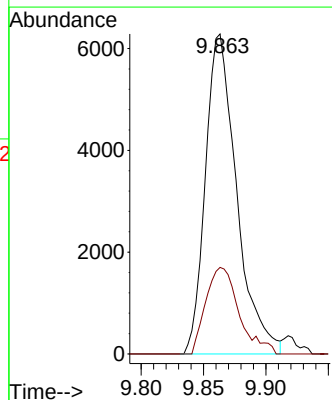
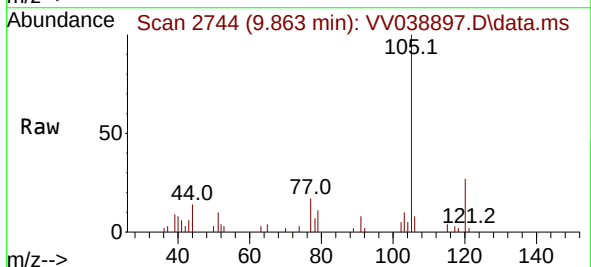
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

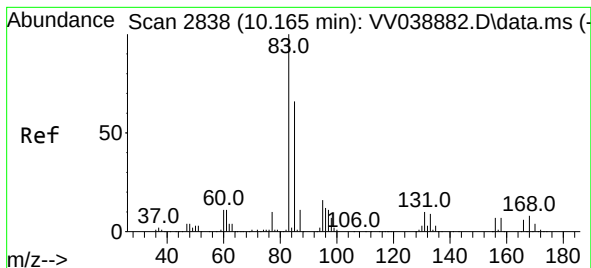
Tgt Ion:152 Resp: 397166
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.8 125.4
 150 158.5 0.0 342.4



#73
 Isopropylbenzene
 Concen: 0.462 ug/l
 RT: 9.863 min Scan# 2744
 Delta R.T. 0.007 min
 Lab File: VV038897.D
 Acq: 15 Jul 2025 12:55

Tgt Ion:105 Resp: 10969
 Ion Ratio Lower Upper
 105 100
 120 28.7 12.9 38.7





#75

1,1,2,2-Tetrachloroethane

Concen: 0.597 ug/l

RT: 10.175 min Scan# 2841

Delta R.T. 0.010 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

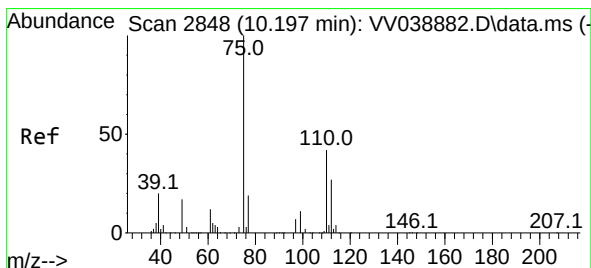
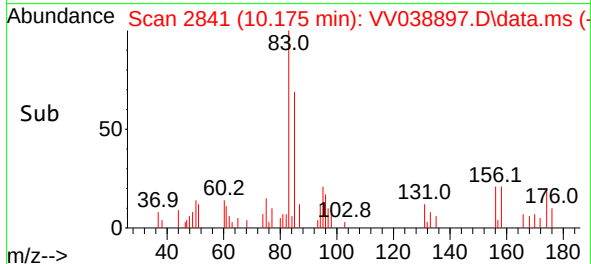
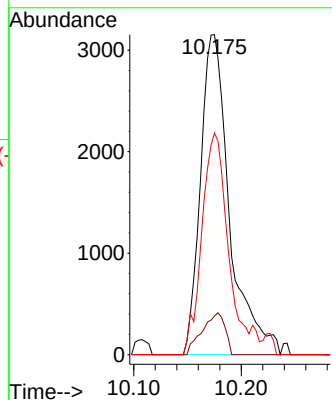
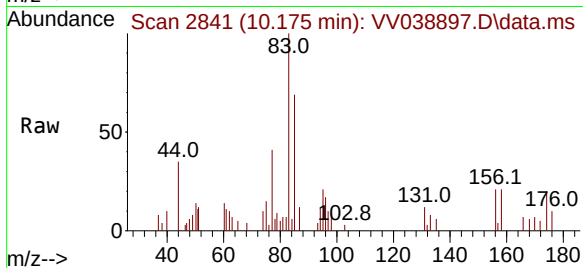
Tgt Ion: 83 Resp: 5932

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 63.5 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 26.509 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.196 min

Lab File: VV038897.D

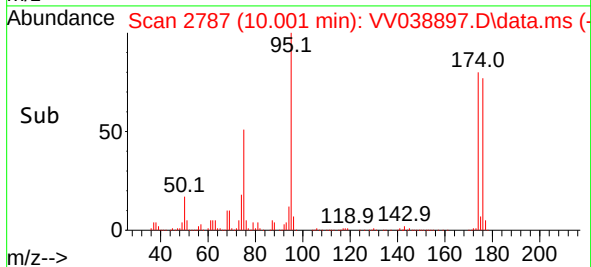
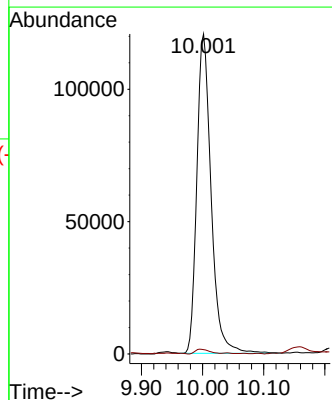
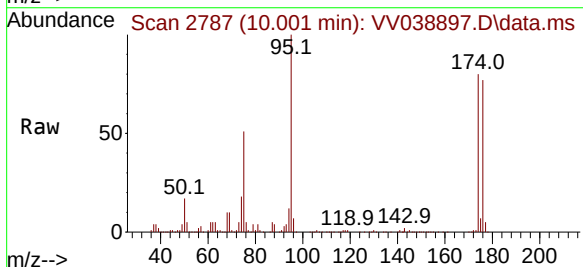
Acq: 15 Jul 2025 12:55

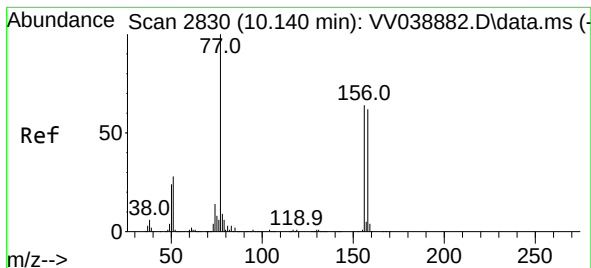
Tgt Ion: 75 Resp: 195752

Ion Ratio Lower Upper

75 100

77 1.5 17.4 52.3#





#77

Bromobenzene

Concen: 0.576 ug/l

RT: 10.156 min Scan# 2835

Delta R.T. 0.016 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

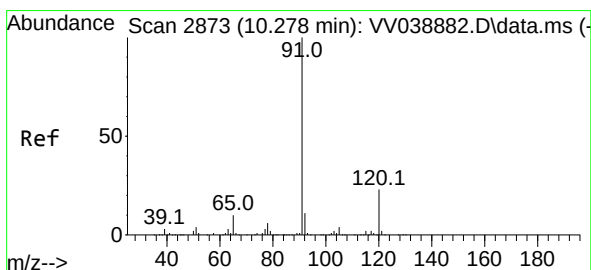
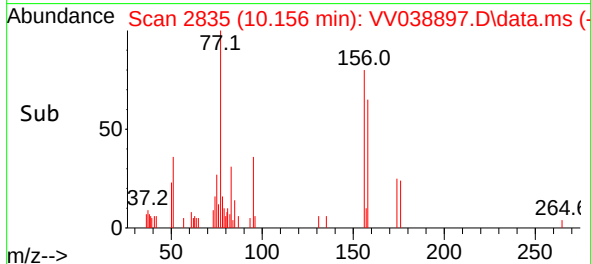
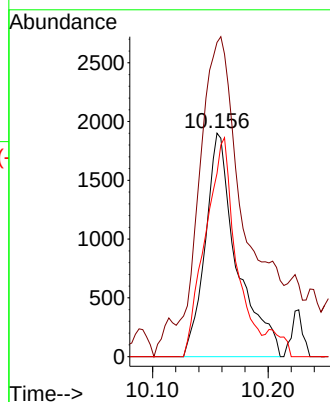
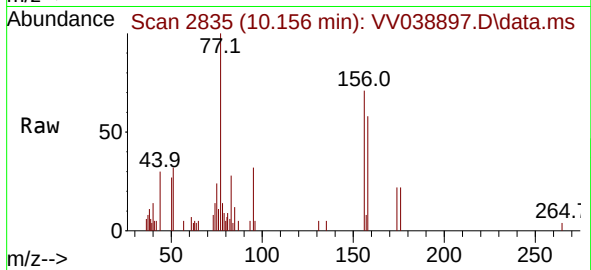
Tgt Ion:156 Resp: 3584

Ion Ratio Lower Upper

156 100

77 171.6 77.2 231.6

158 94.8 48.4 145.3



#78

n-propylbenzene

Concen: 0.551 ug/l

RT: 10.291 min Scan# 2877

Delta R.T. 0.013 min

Lab File: VV038897.D

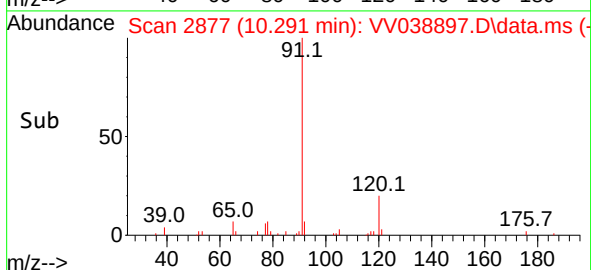
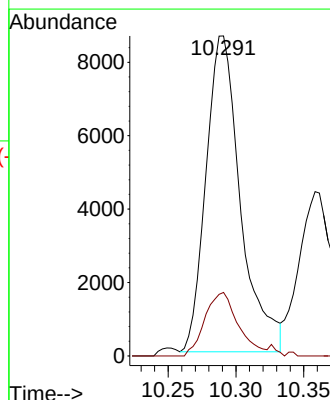
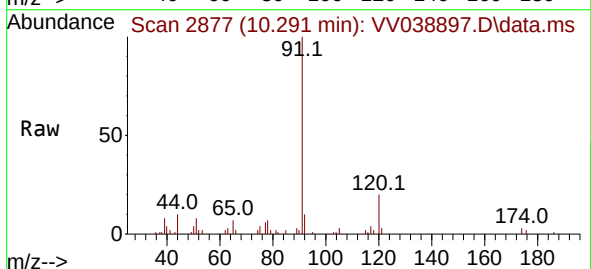
Acq: 15 Jul 2025 12:55

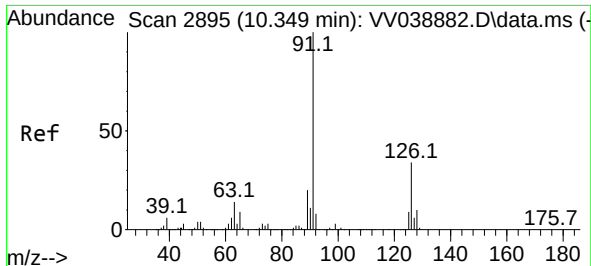
Tgt Ion: 91 Resp: 15271

Ion Ratio Lower Upper

91 100

120 19.4 11.6 34.8

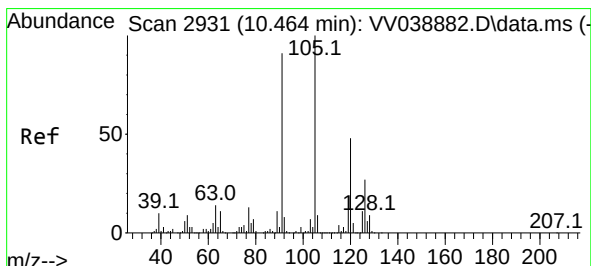
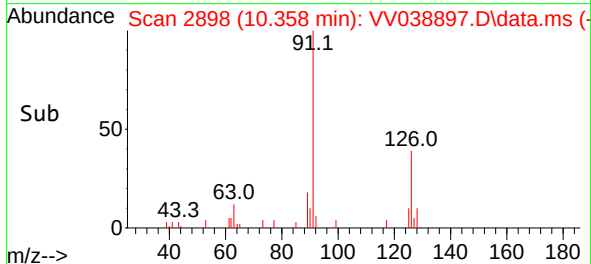
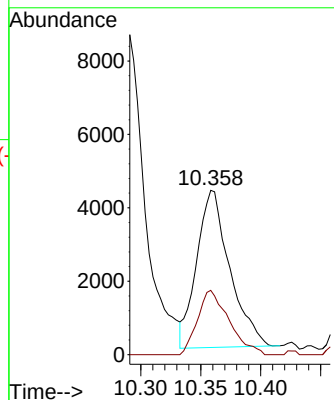
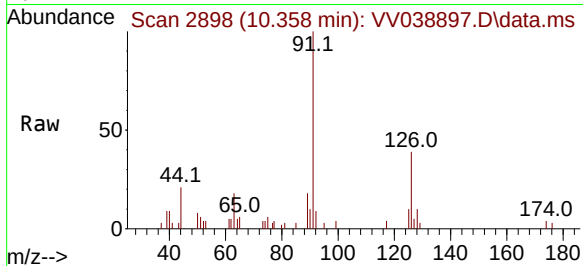




#79
2-Chlorotoluene
Concen: 0.465 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

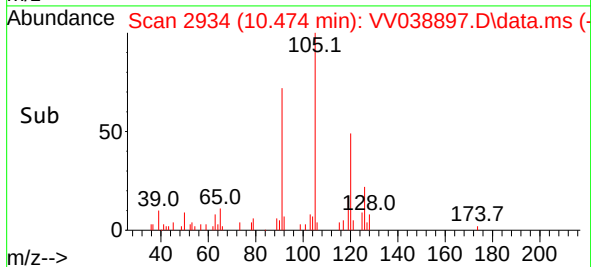
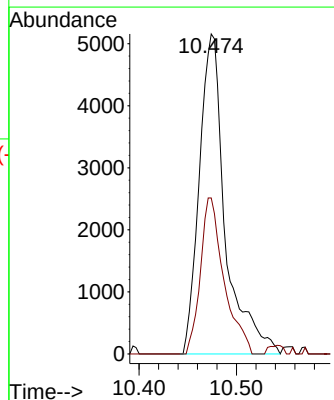
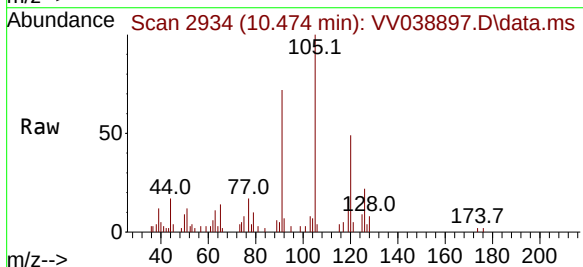
Instrument :
MSVOA_V
ClientSampleId :
MDL01

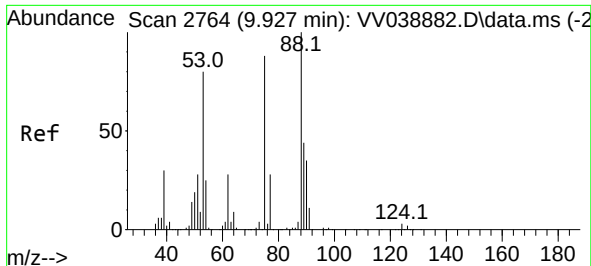
Tgt Ion: 91 Resp: 8204
Ion Ratio Lower Upper
91 100
126 39.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.477 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 105 Resp: 9550
Ion Ratio Lower Upper
105 100
120 44.2 24.0 72.0

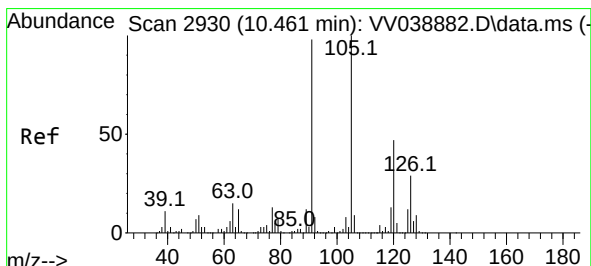
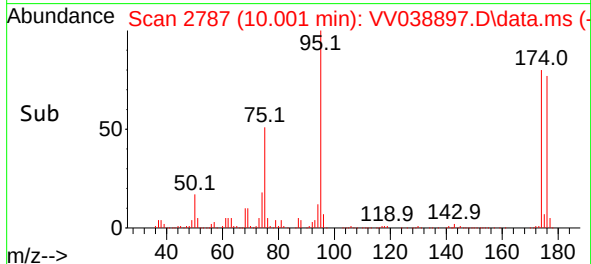
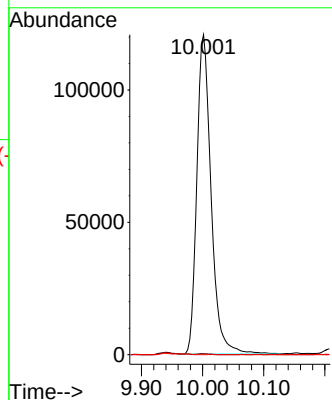
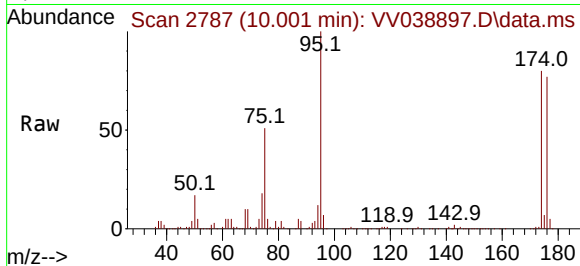




#81
trans-1,4-Dichloro-2-butene
Concen: 64.690 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

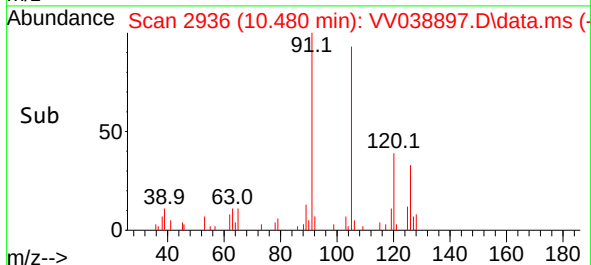
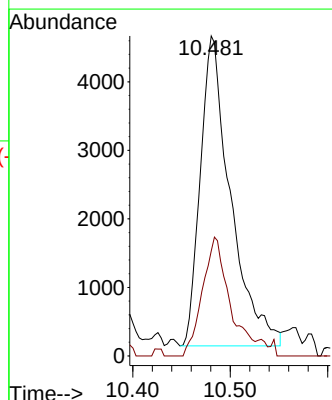
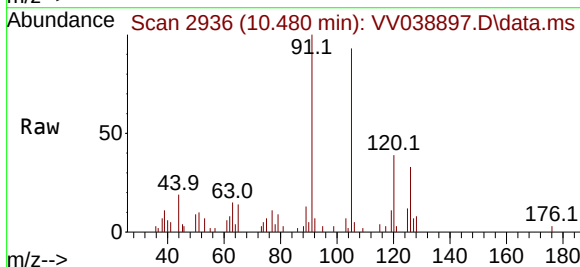
Instrument :
MSVOA_V
ClientSampleId :
MDL01

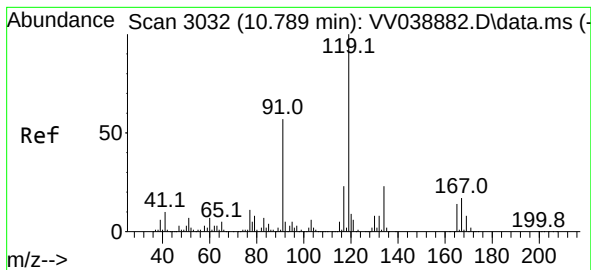
Tgt Ion: 75 Resp: 195752
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.1 42.2 63.2#



#82
4-Chlorotoluene
Concen: 0.493 ug/l
RT: 10.480 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 91 Resp: 9724
Ion Ratio Lower Upper
91 100
126 34.4 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.500 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

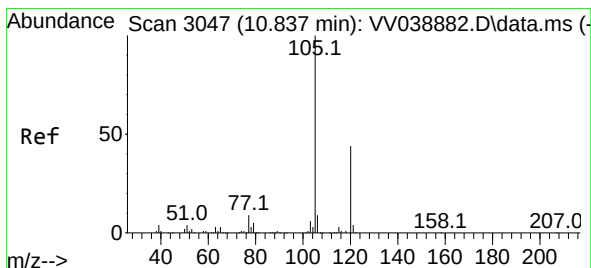
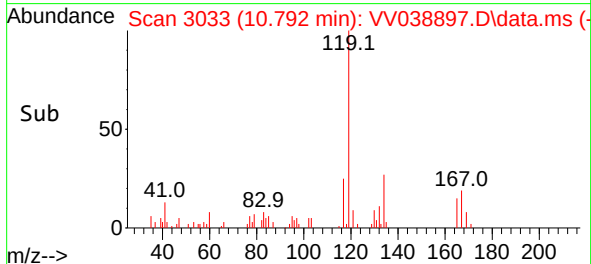
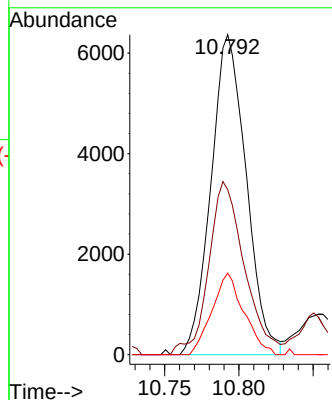
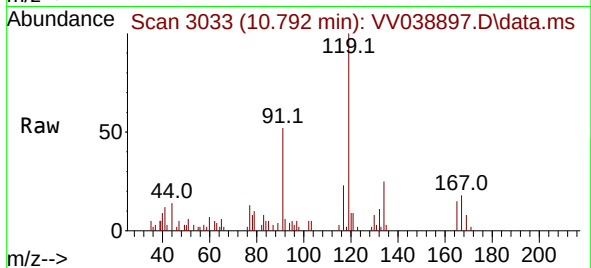
Tgt Ion:119 Resp: 10494

Ion Ratio Lower Upper

119 100

91 54.7 28.1 84.2

134 23.1 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 0.457 ug/l

RT: 10.850 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VV038897.D

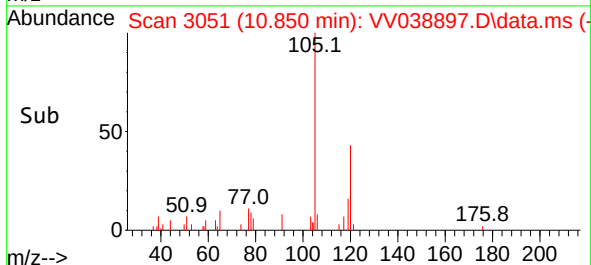
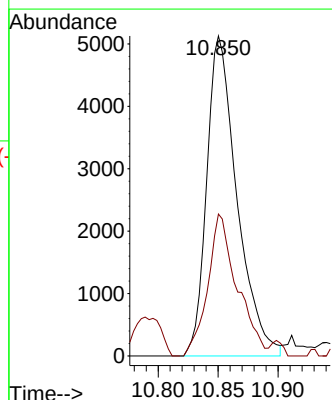
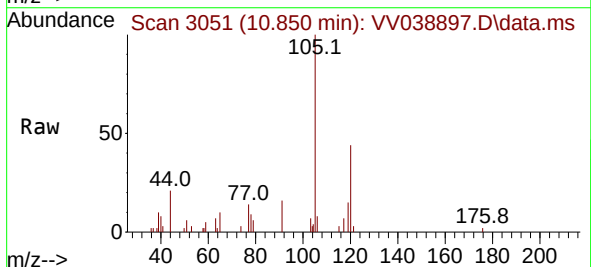
Acq: 15 Jul 2025 12:55

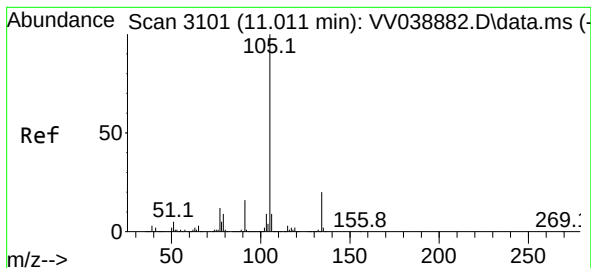
Tgt Ion:105 Resp: 9008

Ion Ratio Lower Upper

105 100

120 42.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 0.461 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

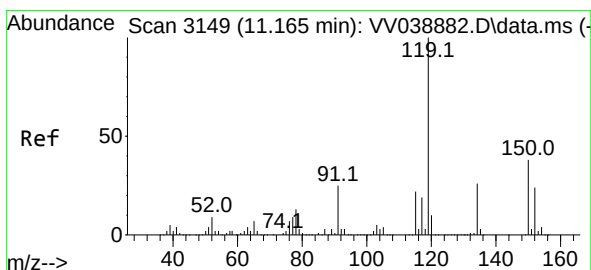
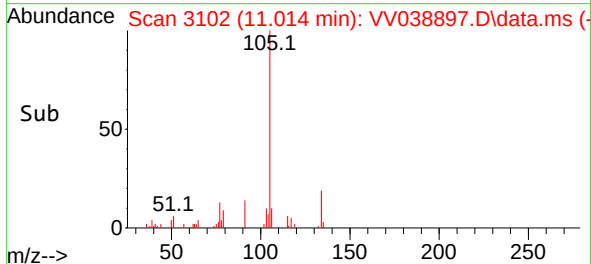
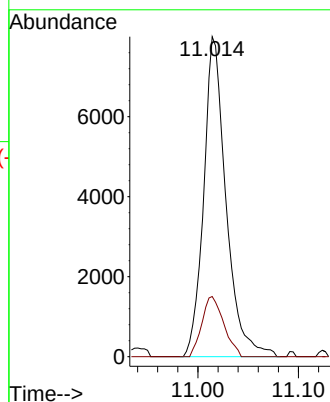
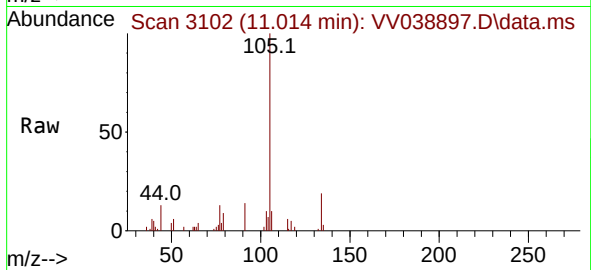
MDL01

Tgt Ion:105 Resp: 12356

Ion Ratio Lower Upper

105 100

134 18.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.491 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.010 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

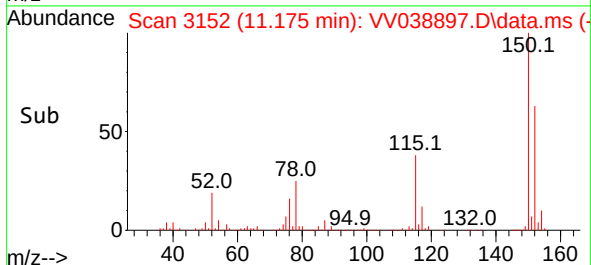
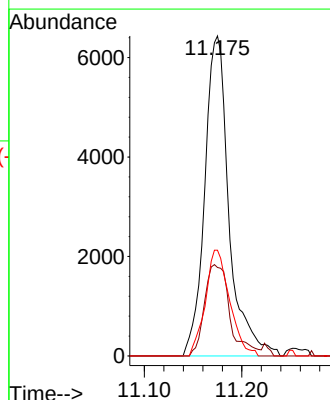
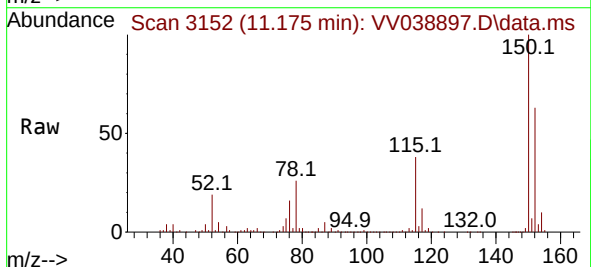
Tgt Ion:119 Resp: 11160

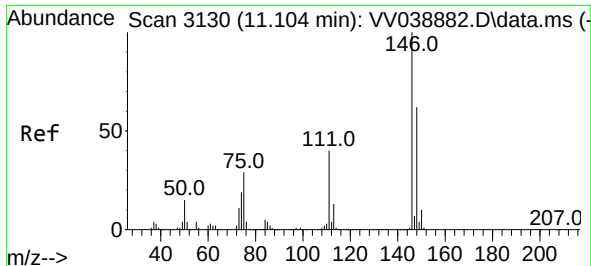
Ion Ratio Lower Upper

119 100

134 29.9 13.1 39.3

91 33.0 12.3 36.8

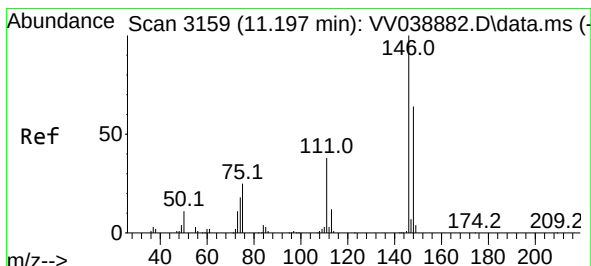
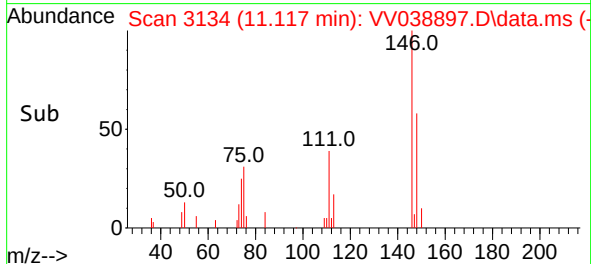
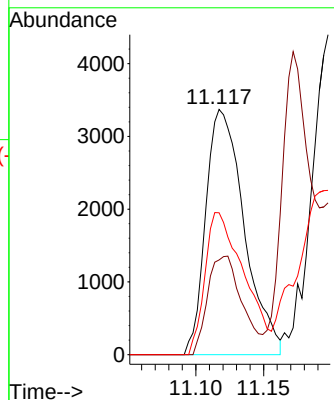
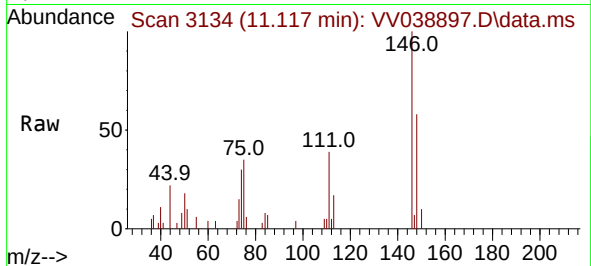




#87
1,3-Dichlorobenzene
Concen: 0.524 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

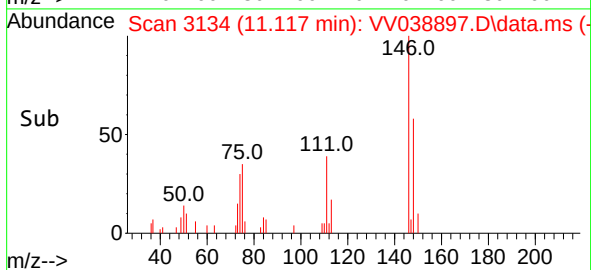
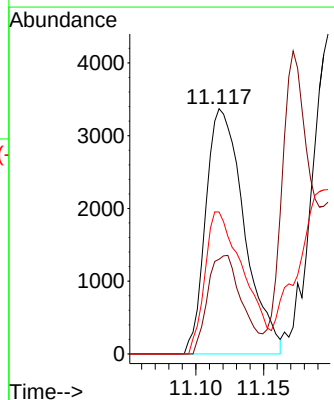
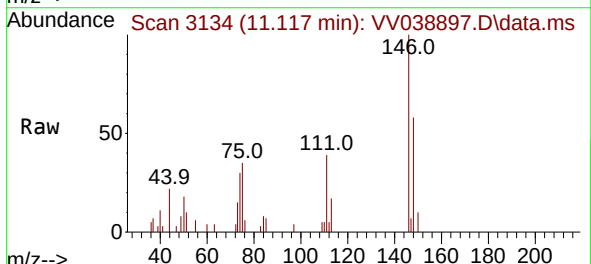
Instrument :
MSVOA_V
ClientSampleId :
MDL01

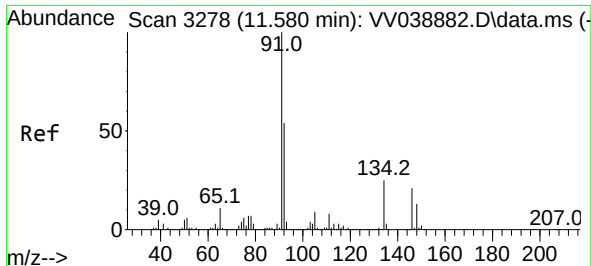
Tgt Ion:146 Resp: 6654
Ion Ratio Lower Upper
146 100
111 36.2 20.2 60.5
148 59.2 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 0.481 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. -0.080 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:146 Resp: 6654
Ion Ratio Lower Upper
146 100
111 36.2 19.8 59.3
148 59.2 32.1 96.5

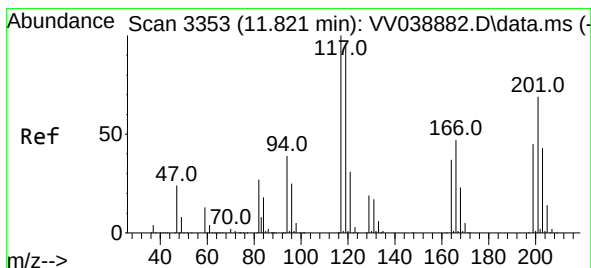
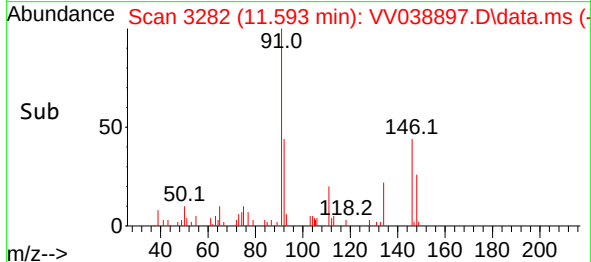
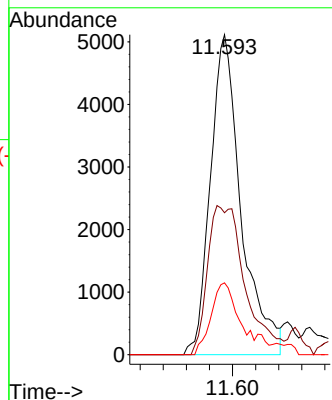
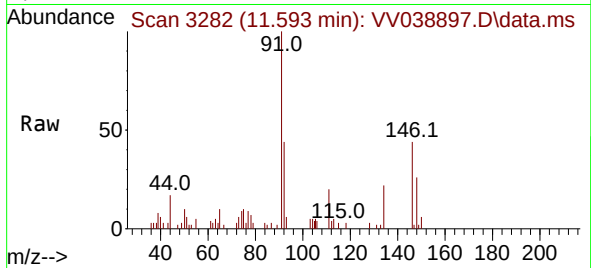




#89
n-Butylbenzene
Concen: 0.455 ug/l
RT: 11.593 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

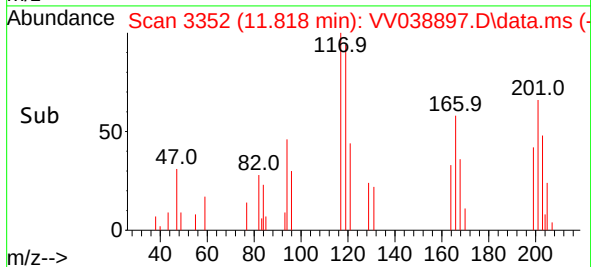
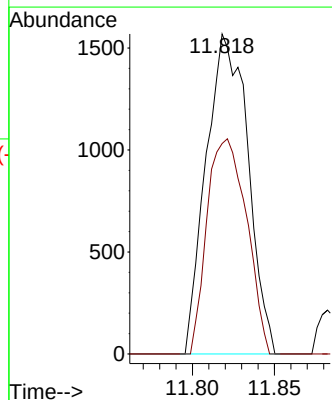
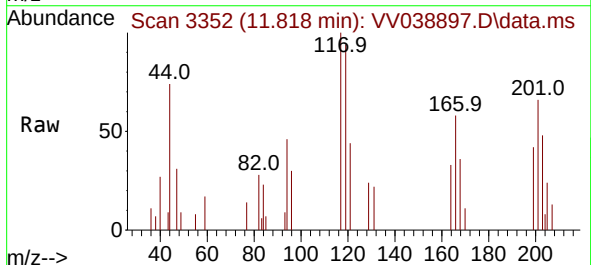
Instrument :
MSVOA_V
ClientSampleId :
MDL01

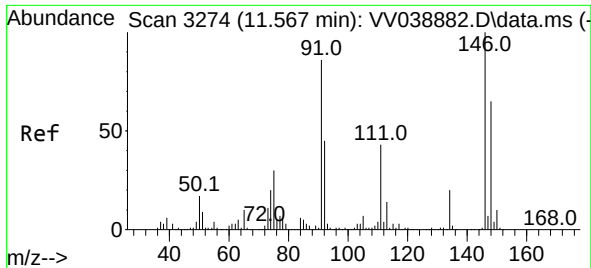
Tgt Ion: 91 Resp: 9449
Ion Ratio Lower Upper
91 100
92 57.0 26.7 80.1
134 20.1 12.7 38.1



#90
Hexachloroethane
Concen: 0.513 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 117 Resp: 2773
Ion Ratio Lower Upper
117 100
201 63.6 34.0 102.0

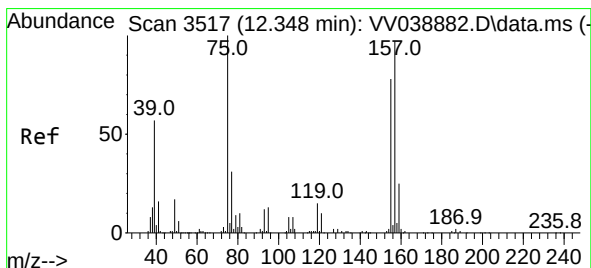
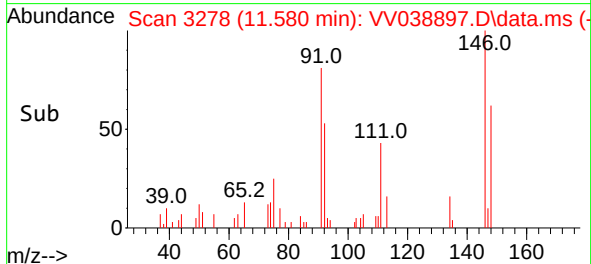
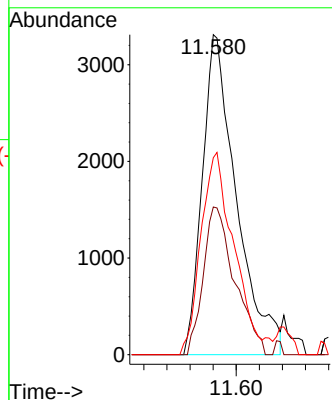
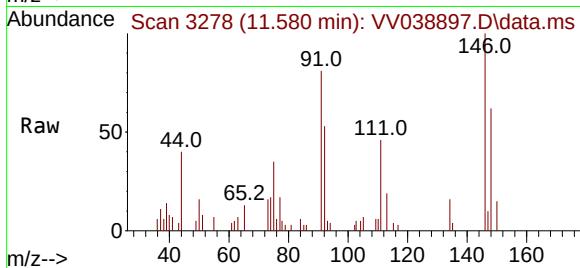




#91
1,2-Dichlorobenzene
Concen: 0.550 ug/l
RT: 11.580 min Scan# 3111
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

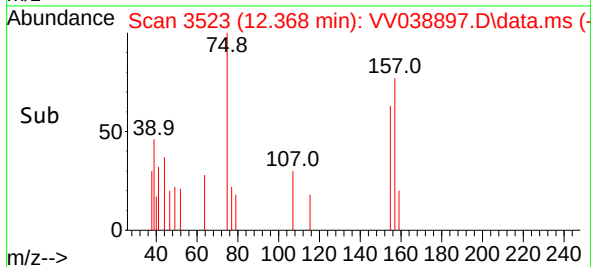
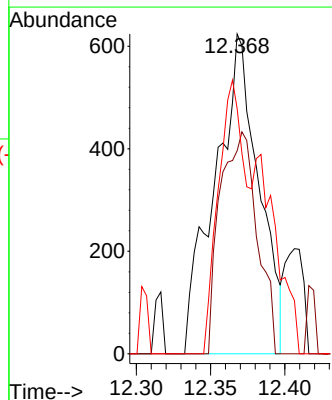
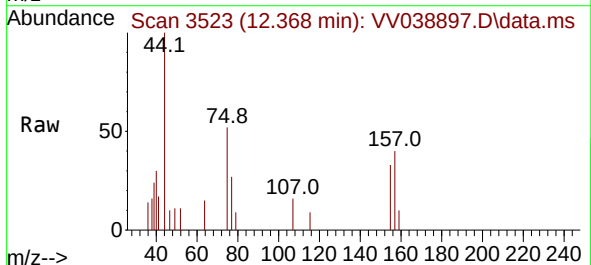
Instrument :
MSVOA_V
ClientSampleId :
MDL01

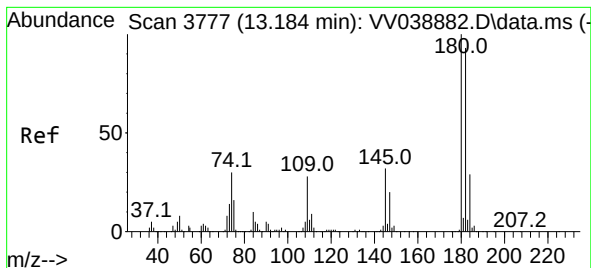
Tgt Ion:146 Resp: 6789
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 62.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.569 ug/l
RT: 12.368 min Scan# 3523
Delta R.T. 0.019 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
155 58.7 40.2 120.6
157 54.3 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 0.450 ug/l

RT: 13.201 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

Instrument :

MSVOA_V

ClientSampleId :

MDL01

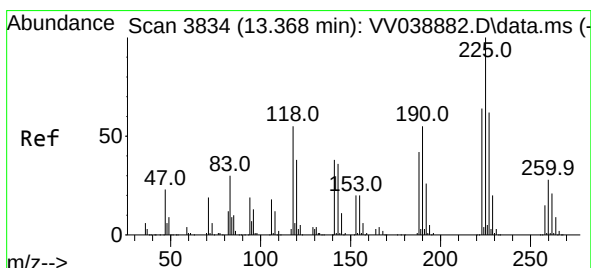
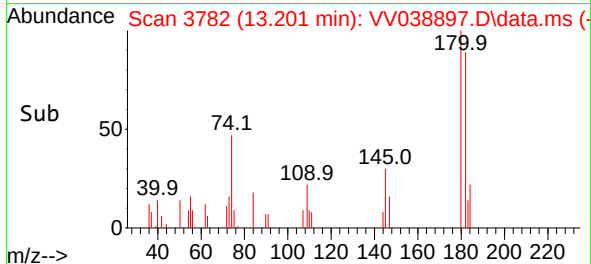
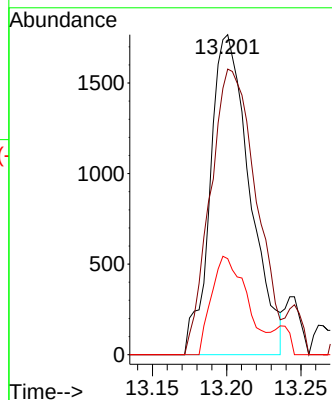
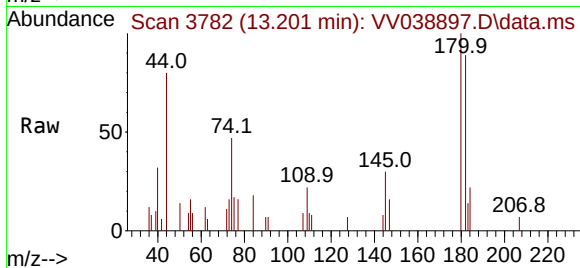
Tgt Ion:180 Resp: 3279

Ion Ratio Lower Upper

180 100

182 103.0 47.4 142.3

145 27.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 0.587 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038897.D

Acq: 15 Jul 2025 12:55

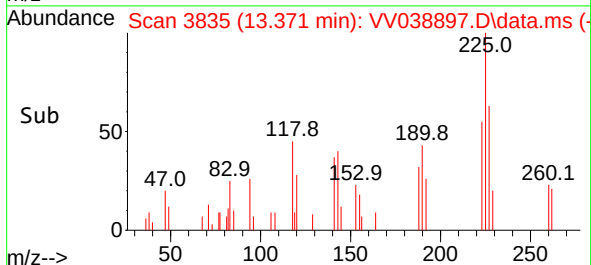
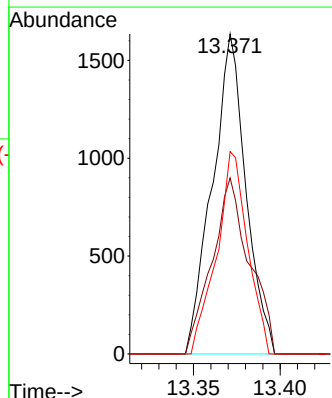
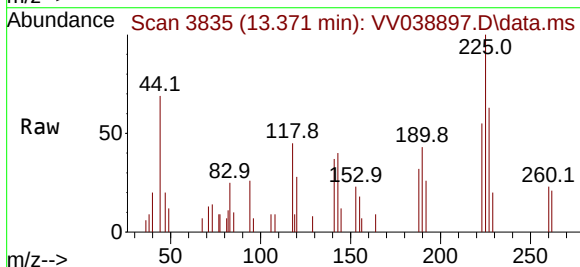
Tgt Ion:225 Resp: 2202

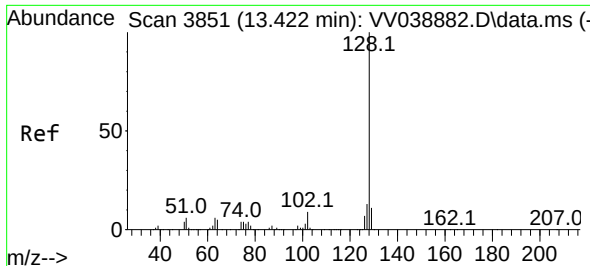
Ion Ratio Lower Upper

225 100

223 61.4 32.4 97.2

227 58.5 31.3 93.9

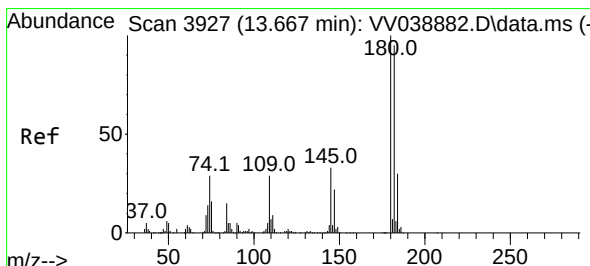
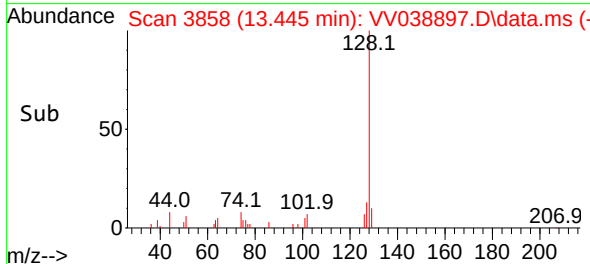
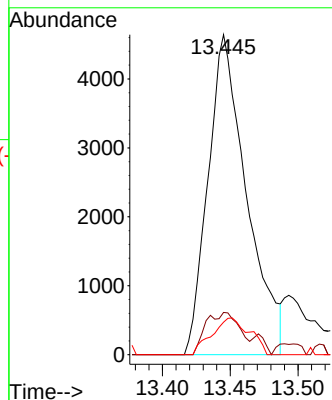
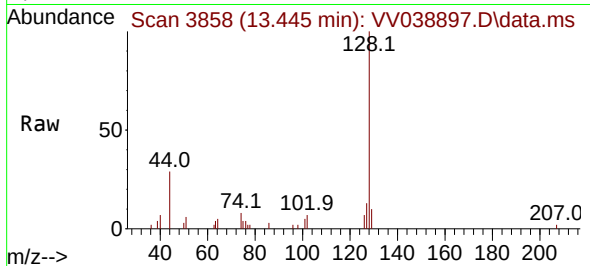




#95
Naphthalene
Concen: 0.384 ug/l
RT: 13.445 min Scan# 3911
Delta R.T. 0.023 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion:128	Resp:	9191
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.5 15.7
129	11.1	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.466 ug/l
RT: 13.680 min Scan# 3931
Delta R.T. 0.013 min
Lab File: VV038897.D
Acq: 15 Jul 2025 12:55

Tgt Ion:180	Resp:	3520
Ion Ratio	Lower	Upper
180	100	
182	112.0	47.0 141.2
145	32.2	17.0 51.0

