

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038873.D
 Acq On : 07 Jul 2025 16:30
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 08 02:44:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	419104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	733529	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	689175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	329029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	274071	58.349	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 116.700%	
35) Dibromofluoromethane	4.506	113	245683	52.877	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 105.760%	
50) Toluene-d8	7.239	98	705143	46.907	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 93.820%	
62) 4-Bromofluorobenzene	10.001	95	291563	48.006	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 96.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	2285	0.574	ug/l	77
3) Chloromethane	1.230	50	3606	0.739	ug/l	89
4) Vinyl Chloride	1.297	62	2518	0.555	ug/l #	78
5) Bromomethane	1.497	94	2805	1.013	ug/l	96
6) Chloroethane	1.564	64	1681	0.552	ug/l	92
7) Trichlorofluoromethane	1.728	101	4273	0.532	ug/l	92
8) Diethyl Ether	1.924	74	1431	0.512	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.082	101	2183	0.481	ug/l #	79
10) Methyl Iodide	2.195	142	2783	0.483	ug/l #	95
11) Tert butyl alcohol	2.571	59	1061	1.731	ug/l #	86
12) 1,1-Dichloroethene	2.085	96	1933	0.448	ug/l #	83
13) Acrolein	2.011	56	334	2.182	ug/l #	1
14) Allyl chloride	2.368	41	3019	0.520	ug/l #	77
15) Acrylonitrile	2.722	53	2742	1.279	ug/l #	60
16) Acetone	2.127	43	4611	2.946	ug/l	91
17) Carbon Disulfide	2.252	76	5995	0.600	ug/l	97
18) Methyl Acetate	2.404	43	1236	0.232	ug/l #	64
19) Methyl tert-butyl Ether	2.722	73	6125	0.459	ug/l	99
20) Methylene Chloride	2.461	84	5297	1.024	ug/l #	86
21) trans-1,2-Dichloroethene	2.715	96	2469	0.572	ug/l #	93
22) Diisopropyl ether	3.220	45	4199	0.353	ug/l #	20
24) 1,1-Dichloroethane	3.121	63	1613	0.201	ug/l #	80
26) 2,2-Dichloropropane	3.818	77	3950	0.531	ug/l	98
27) cis-1,2-Dichloroethene	3.860	96	2389	0.475	ug/l	38
31) Cyclohexane	4.593	56	11198	1.763	ug/l #	36
32) 1,1,1-Trichloroethane	4.510	97	2486	0.306	ug/l #	46
36) 1,1-Dichloropropene	4.600	75	32864	5.829	ug/l #	44
38) Carbon Tetrachloride	4.603	117	42604	5.741	ug/l #	17
39) Methylcyclohexane	6.056	83	3436	0.466	ug/l	94
40) Benzene	5.040	78	7980	0.429	ug/l	94
42) 1,2-Dichloroethane	5.075	62	3447	0.523	ug/l	81
44) Trichloroethene	5.866	130	1768	0.364	ug/l	73
46) Dibromomethane	6.252	93	884	0.240	ug/l #	78
47) Bromodichloromethane	6.452	83	3845	0.492	ug/l #	87
49) 1,4-Dioxane	6.342	88	195	3.224	ug/l #	74
51) 4-Methyl-2-Pentanone	7.169	43	8658	1.495	ug/l	95

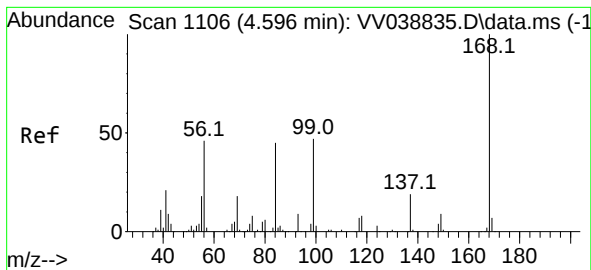
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 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Toluene	7.333	92	5394	0.464	ug/l	96
54) cis-1,3-Dichloropropene	6.982	75	2192	0.287	ug/l #	75
55) 1,1,2-Trichloroethane	7.779	97	2363	0.465	ug/l	92
57) 1,3-Dichloropropane	7.960	76	3605	0.450	ug/l	91
58) 2-Chloroethyl Vinyl ether	6.866	63	4901	1.613	ug/l #	58
59) 2-Hexanone	8.130	43	2179	0.533	ug/l #	39
60) Dibromochloromethane	8.178	129	3431	0.536	ug/l	79
61) 1,2-Dibromoethane	8.304	107	2033	0.386	ug/l	93
64) Tetrachloroethene	7.911	164	2189	0.494	ug/l #	87
65) Chlorobenzene	8.812	112	6816	0.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.908	131	2815	0.519	ug/l #	66
67) Ethyl Benzene	8.956	91	9411	0.414	ug/l	98
68) m/p-Xylenes	9.078	106	6693	0.768	ug/l	90
69) o-Xylene	9.487	106	3610	0.434	ug/l	95
70) Styrene	9.519	104	4060	0.279	ug/l #	68
71) Bromoform	9.664	173	2414	0.548	ug/l #	93
73) Isopropylbenzene	9.863	105	7965	0.412	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.178	83	3413	0.488	ug/l	83
76) 1,2,3-Trichloropropane	10.001	75	148732	29.216	ug/l #	55
77) Bromobenzene	10.156	156	1264	0.254	ug/l #	60
78) n-propylbenzene	10.294	91	11590	0.504	ug/l	93
79) 2-Chlorotoluene	10.365	91	6289	0.451	ug/l	97
80) 1,3,5-Trimethylbenzene	10.474	105	7013	0.425	ug/l	91
81) trans-1,4-Dichloro-2-b...	10.001	75	148732	62.189	ug/l #	12
82) 4-Chlorotoluene	10.484	91	5856	0.364	ug/l	95
83) tert-Butylbenzene	10.792	119	7722	0.451	ug/l	98
84) 1,2,4-Trimethylbenzene	10.853	105	6268	0.387	ug/l	98
85) sec-Butylbenzene	11.017	105	9219	0.423	ug/l	93
86) p-Isopropyltoluene	11.175	119	8166	0.437	ug/l	85
87) 1,3-Dichlorobenzene	11.123	146	4913	0.485	ug/l	89
88) 1,4-Dichlorobenzene	11.123	146	4913	0.460	ug/l	91
89) n-Butylbenzene	11.593	91	7120	0.411	ug/l	92
90) Hexachloroethane	11.824	117	2229	0.549	ug/l	87
91) 1,2-Dichlorobenzene	11.583	146	4924	0.516	ug/l	92
93) 1,2,4-Trichlorobenzene	13.201	180	2453	0.396	ug/l	84
94) Hexachlorobutadiene	13.371	225	1671	0.560	ug/l	95
95) Naphthalene	13.445	128	7035	0.357	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.676	180	2792	0.437	ug/l	96

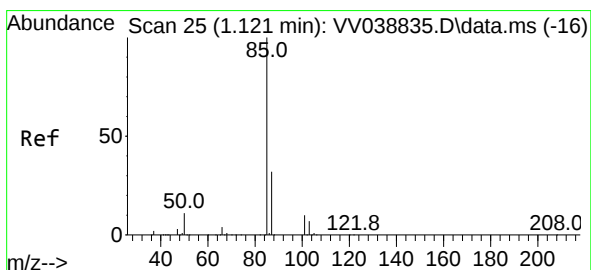
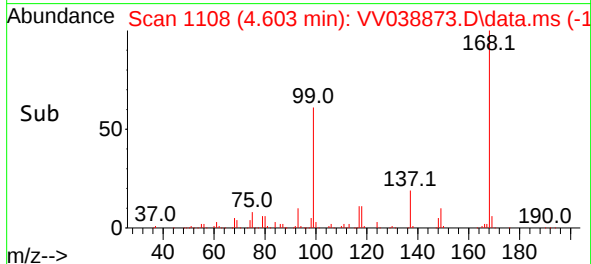
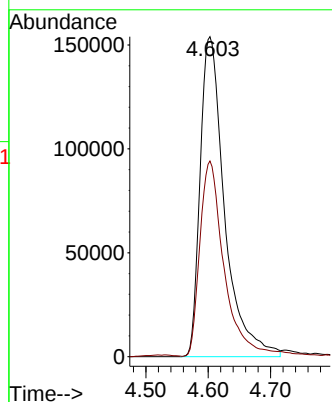
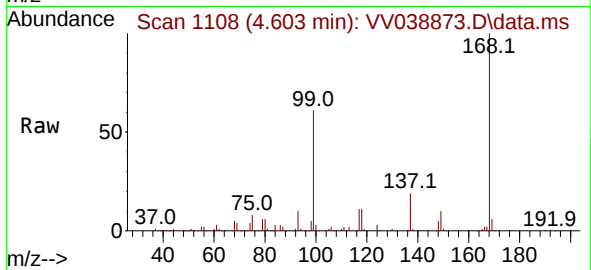
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV038873.D
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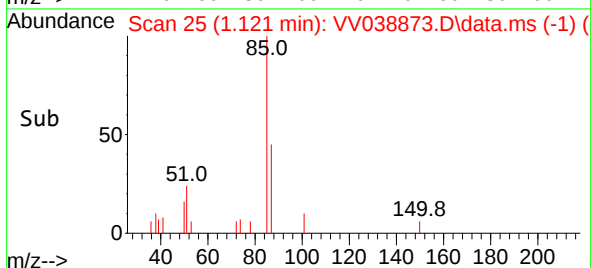
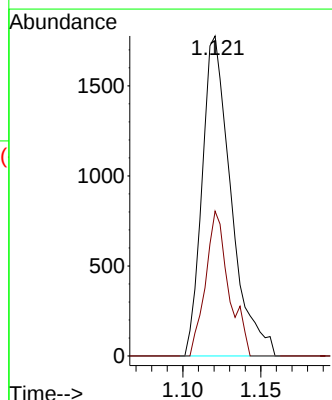
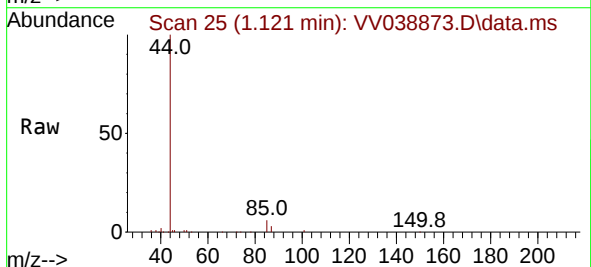
Instrument :
MSVOA_V
ClientSampleId :
MDL03

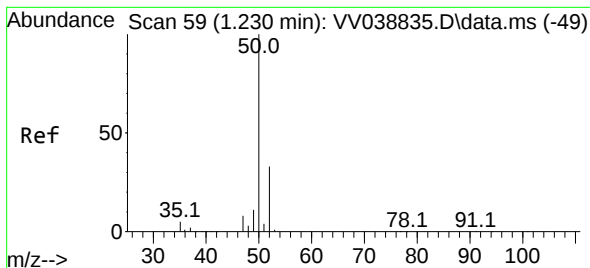
Tgt Ion:168 Resp: 419104
Ion Ratio Lower Upper
168 100
99 60.9 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 0.574 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 85 Resp: 2285
Ion Ratio Lower Upper
85 100
87 45.2 16.1 48.3





#3

Chloromethane

Concen: 0.739 ug/l

RT: 1.230 min Scan# 59

Delta R.T. -0.000 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

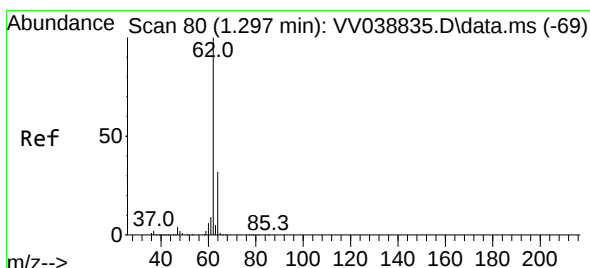
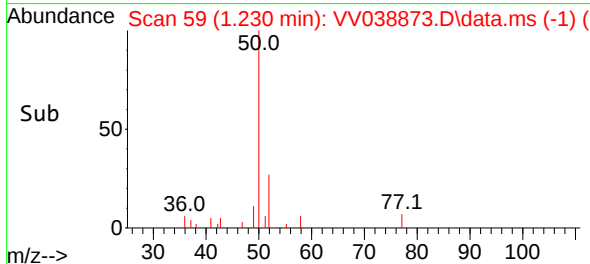
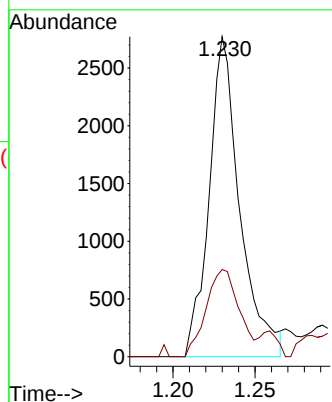
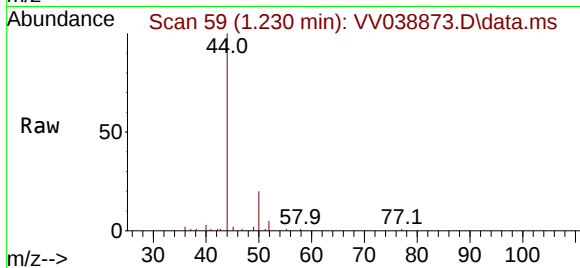
MDL03

Tgt Ion: 50 Resp: 3606

Ion Ratio Lower Upper

50 100

52 27.2 26.7 40.1



#4

Vinyl Chloride

Concen: 0.555 ug/l

RT: 1.297 min Scan# 80

Delta R.T. -0.000 min

Lab File: VV038873.D

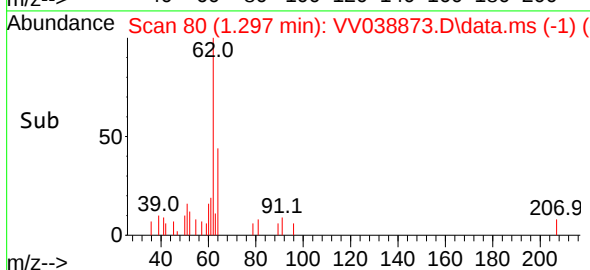
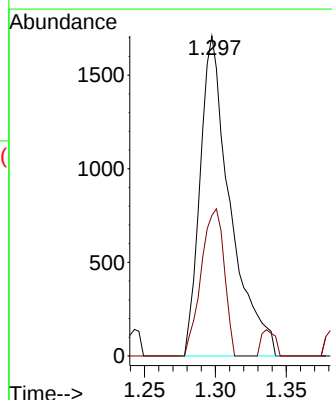
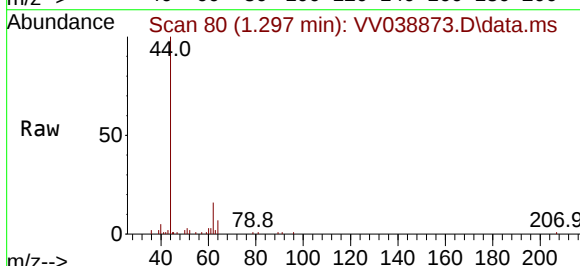
Acq: 07 Jul 2025 16:30

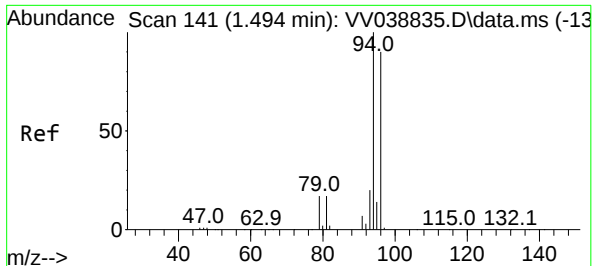
Tgt Ion: 62 Resp: 2518

Ion Ratio Lower Upper

62 100

64 43.9 25.5 38.3#

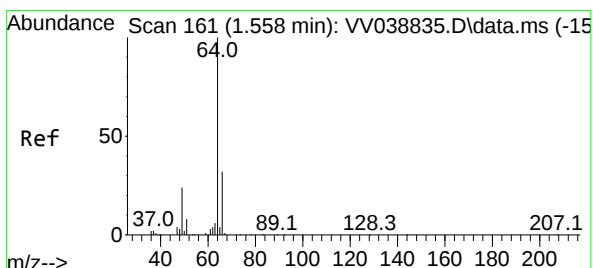
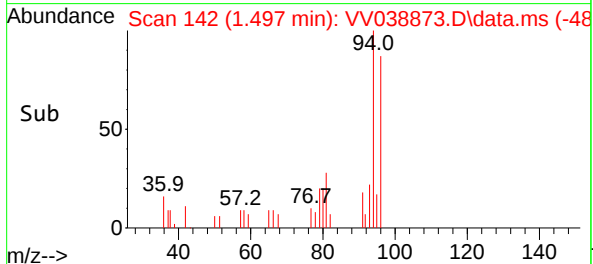
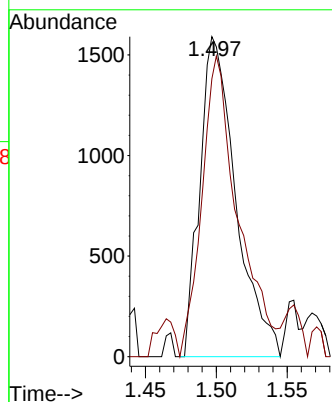
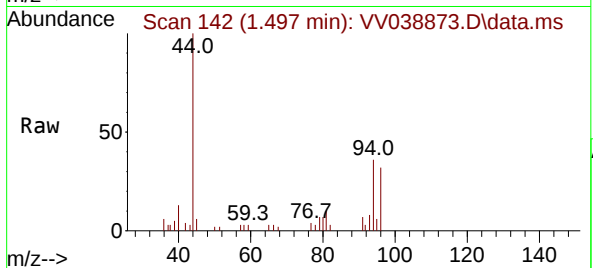




#5
Bromomethane
Concen: 1.013 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

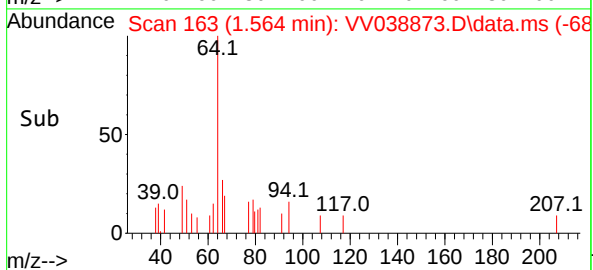
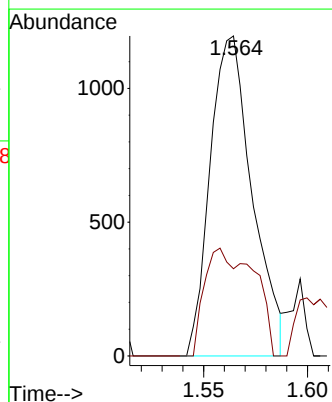
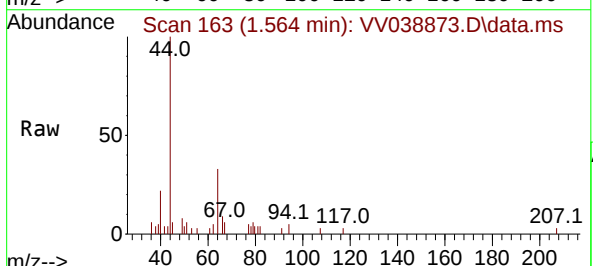
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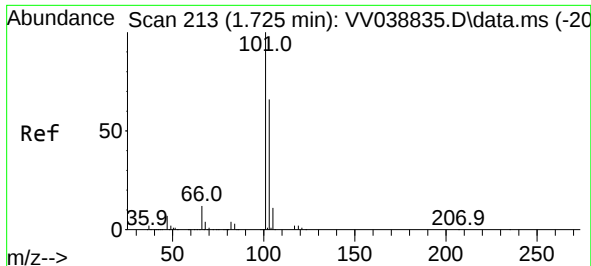
Tgt Ion: 94 Resp: 2805
Ion Ratio Lower Upper
94 100
96 86.9 72.2 108.4



#6
Chloroethane
Concen: 0.552 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 64 Resp: 1681
Ion Ratio Lower Upper
64 100
66 27.3 25.4 38.0

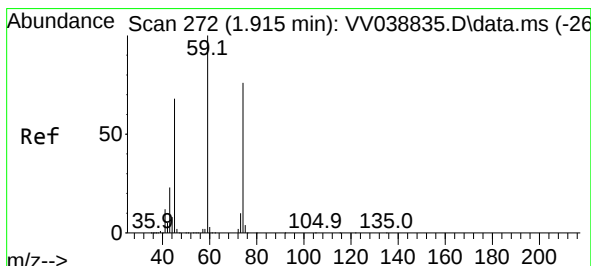
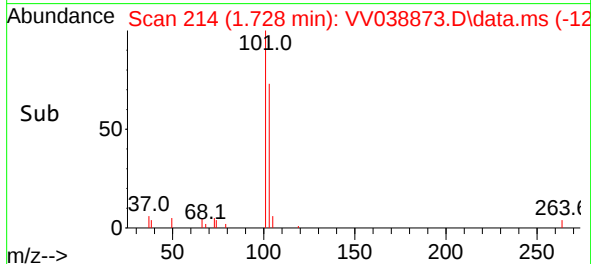
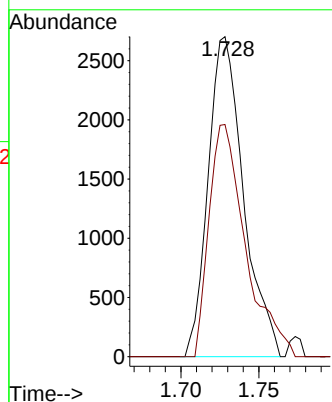
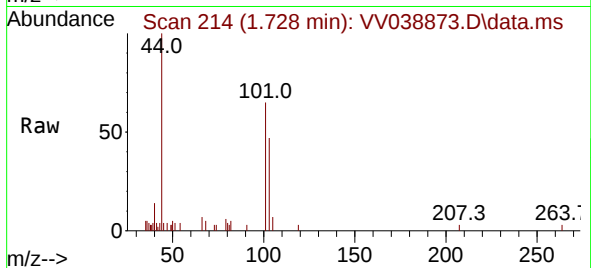




#7
 Trichlorofluoromethane
 Concen: 0.532 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

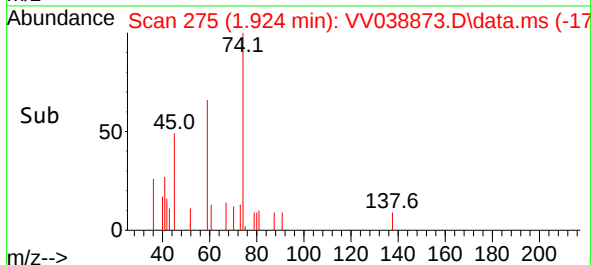
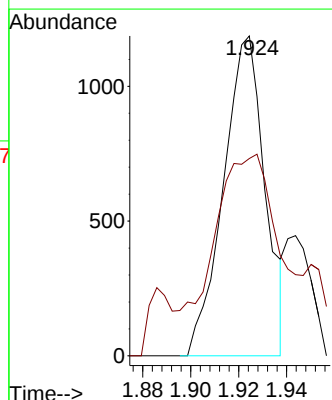
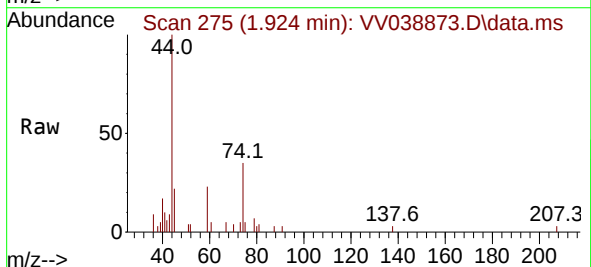
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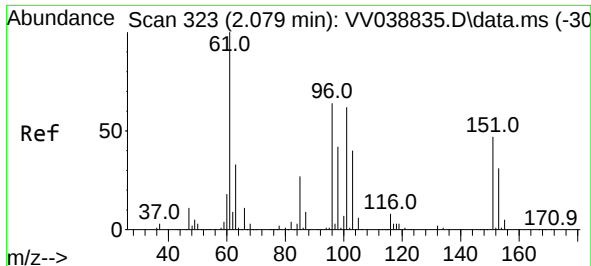
Tgt Ion:101 Resp: 4273
 Ion Ratio Lower Upper
 101 100
 103 72.5 52.8 79.2



#8
 Diethyl Ether
 Concen: 0.512 ug/l
 RT: 1.924 min Scan# 275
 Delta R.T. 0.010 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

Tgt Ion: 74 Resp: 1431
 Ion Ratio Lower Upper
 74 100
 45 75.6 43.9 131.7

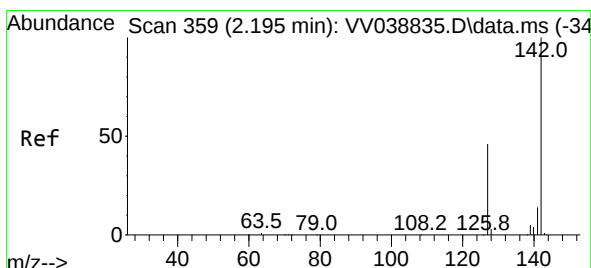
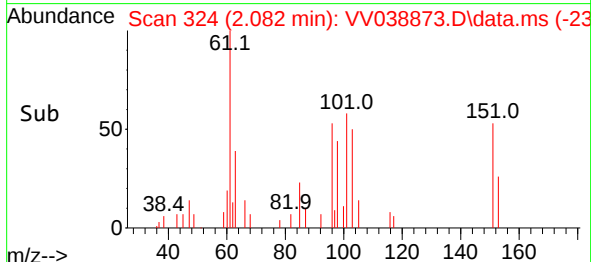
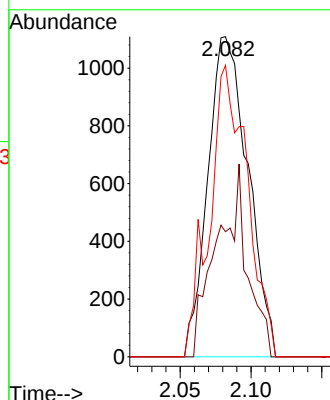
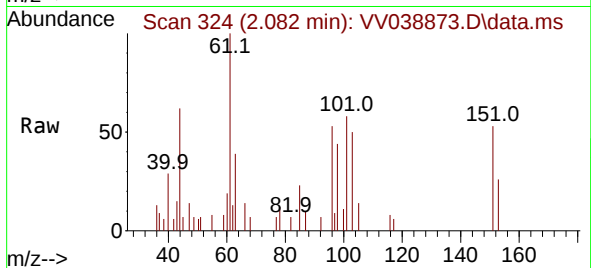




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

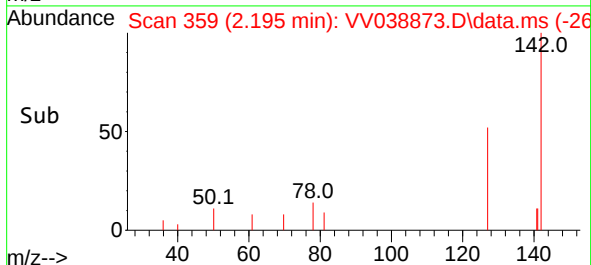
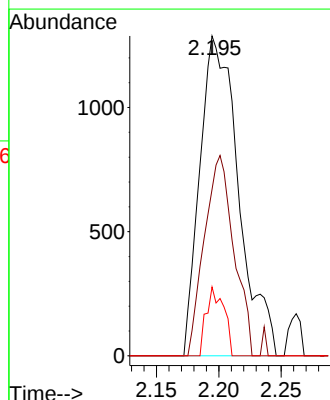
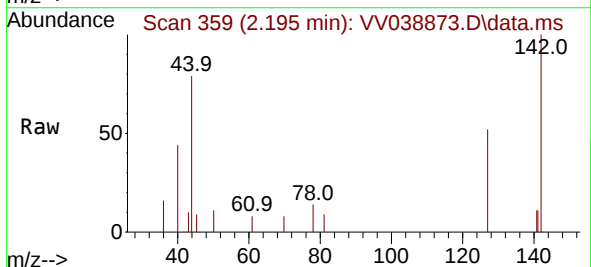
Instrument :
MSVOA_V
ClientSampleId :
MDL03

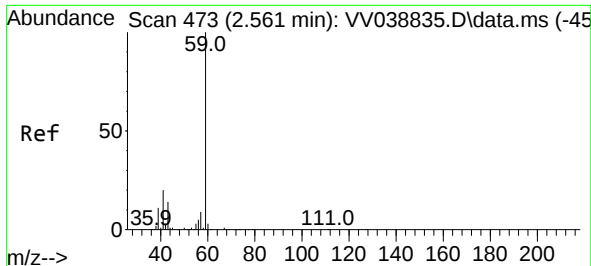
Tgt Ion:101 Resp: 2183
Ion Ratio Lower Upper
101 100
85 20.7 34.6 52.0#
151 85.9 60.4 90.6



#10
Methyl Iodide
Concen: 0.483 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
127 47.8 36.9 55.3
141 9.8 11.8 17.8#

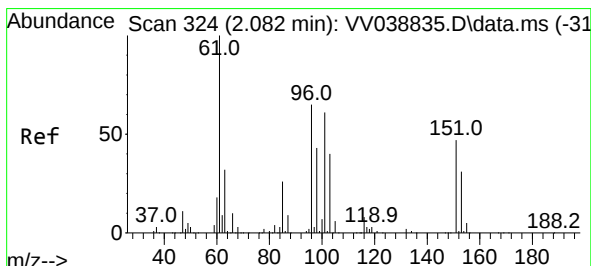
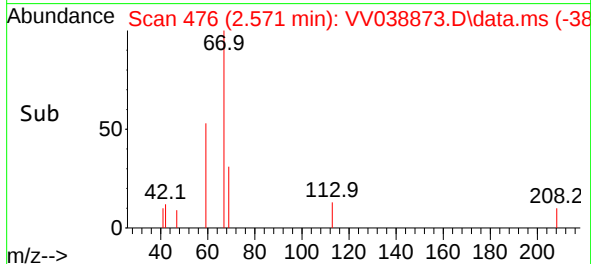
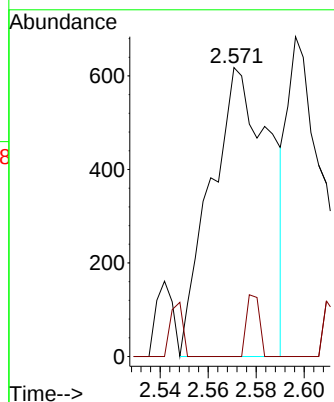
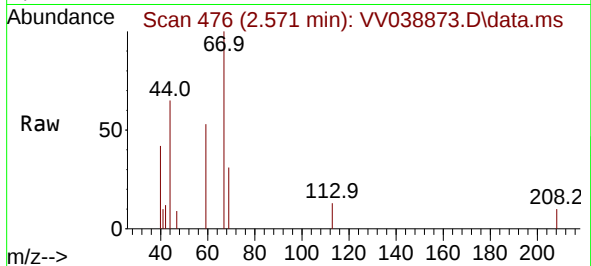




#11
Tert butyl alcohol
Concen: 1.731 ug/l
RT: 2.571 min Scan# 411
Delta R.T. 0.010 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

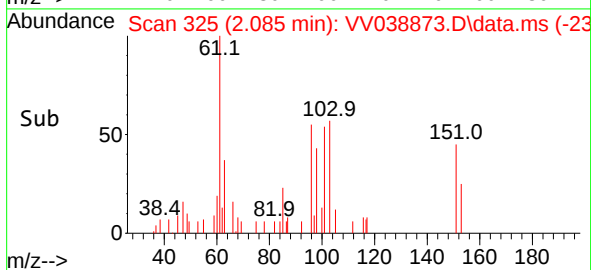
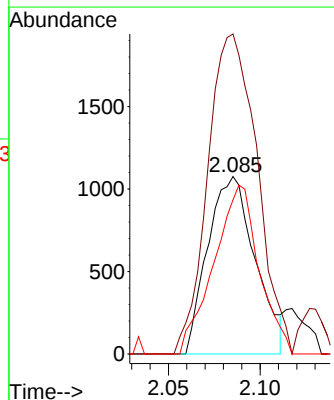
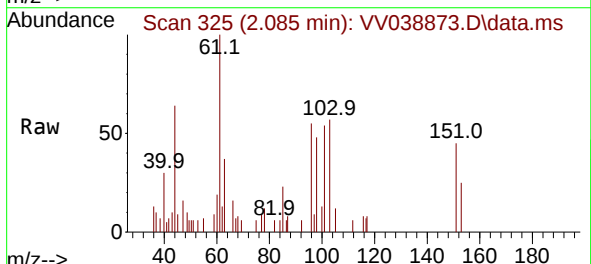
Instrument :
MSVOA_V
ClientSampleId :
MDL03

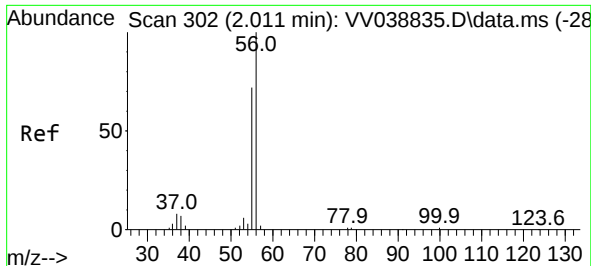
Tgt Ion: 59 Resp: 1061
Ion Ratio Lower Upper
59 100
57 4.7 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.448 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 96 Resp: 1933
Ion Ratio Lower Upper
96 100
61 170.5 123.5 185.3
98 86.8 52.5 78.7#





#13

Acrolein

Concen: 2.182 ug/l

RT: 2.011 min Scan# 302

Delta R.T. -0.000 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

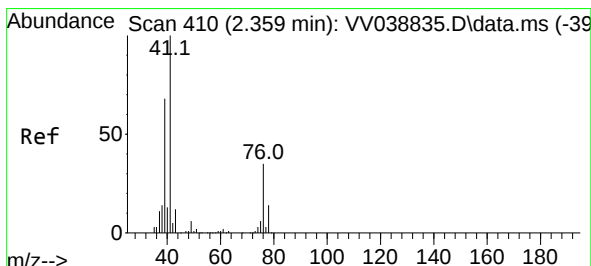
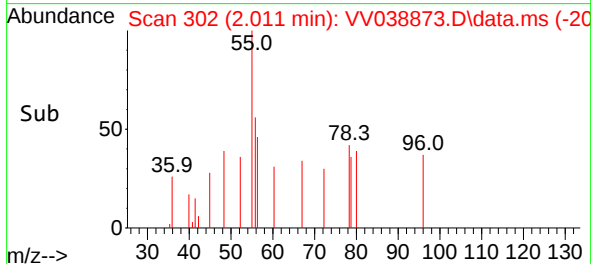
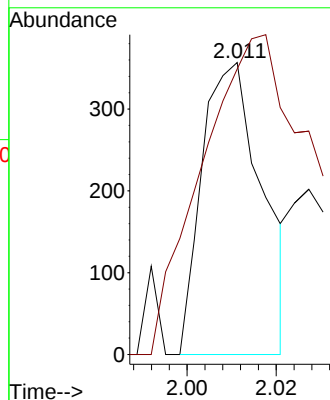
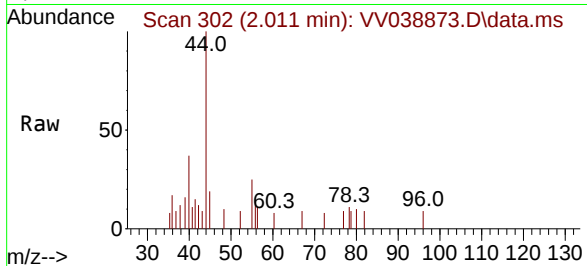
MDL03

Tgt Ion: 56 Resp: 334

Ion Ratio Lower Upper

56 100

55 204.8 53.4 80.2#



#14

Allyl chloride

Concen: 0.520 ug/l

RT: 2.368 min Scan# 413

Delta R.T. 0.010 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

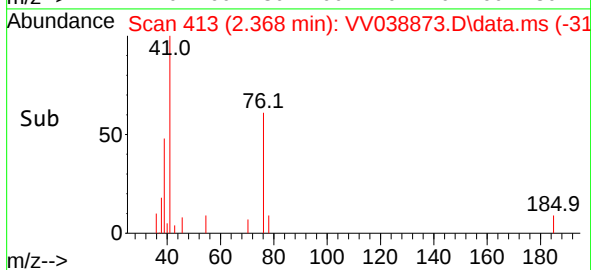
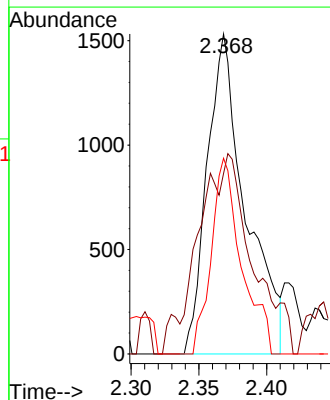
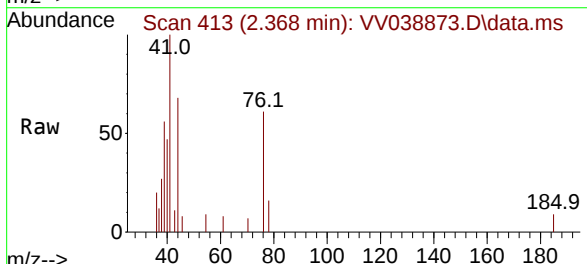
Tgt Ion: 41 Resp: 3019

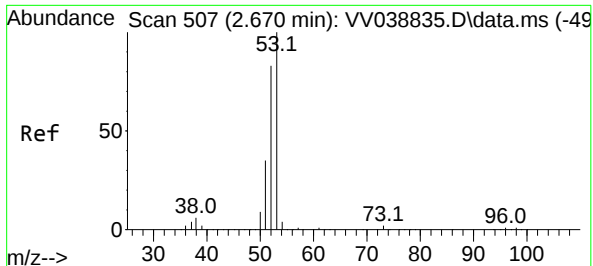
Ion Ratio Lower Upper

41 100

39 38.7 51.0 76.4#

76 48.0 33.6 50.4

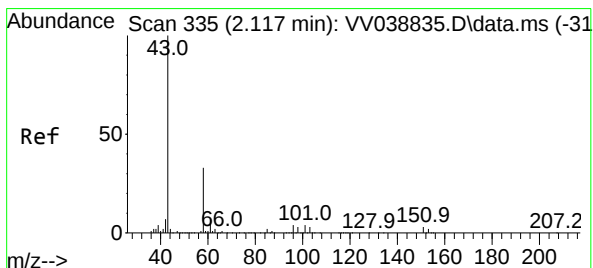
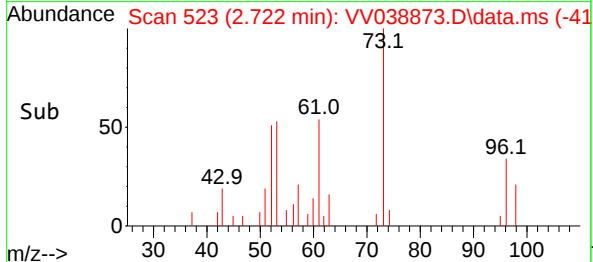
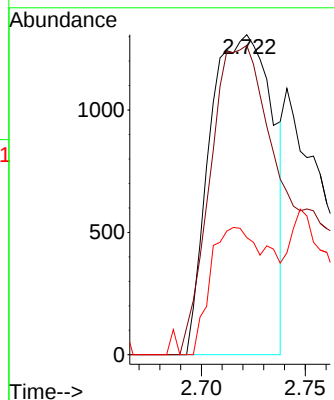
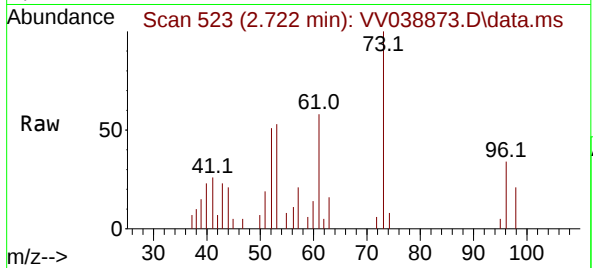




#15
Acrylonitrile
Concen: 1.279 ug/l
RT: 2.722 min Scan# 51
Delta R.T. 0.051 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

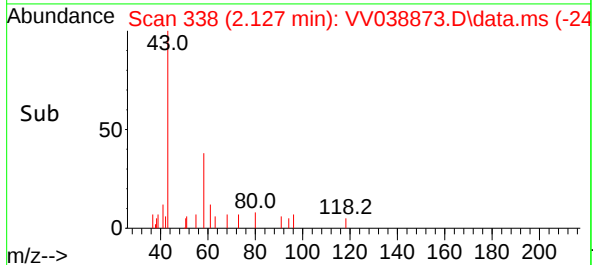
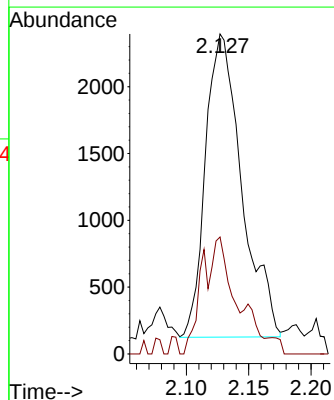
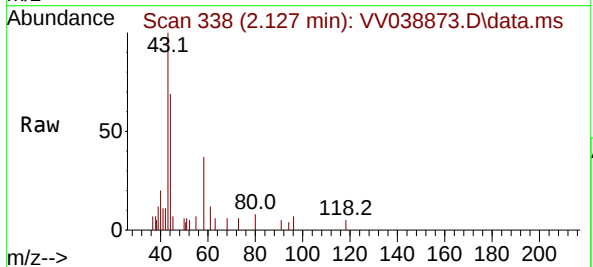
Instrument :
MSVOA_V
ClientSampleId :
MDL03

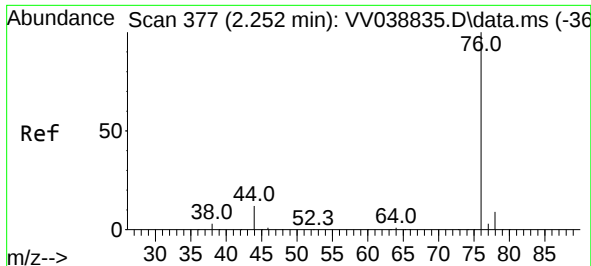
Tgt Ion: 53 Resp: 2742
Ion Ratio Lower Upper
53 100
52 131.8 65.8 98.6#
51 38.0 28.5 42.7



#16
Acetone
Concen: 2.946 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
58 38.6 27.0 40.4

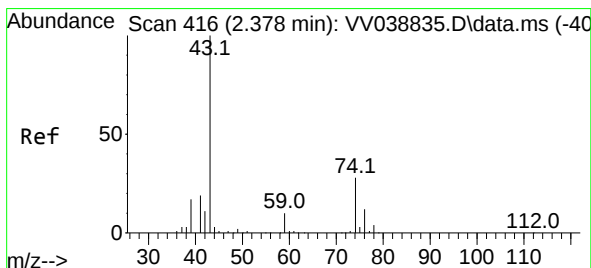
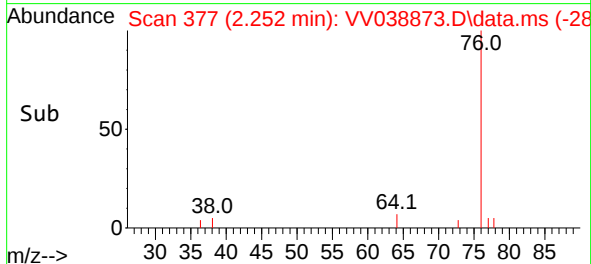
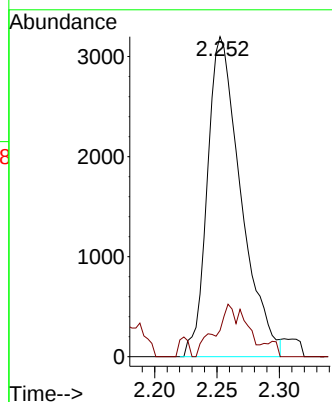
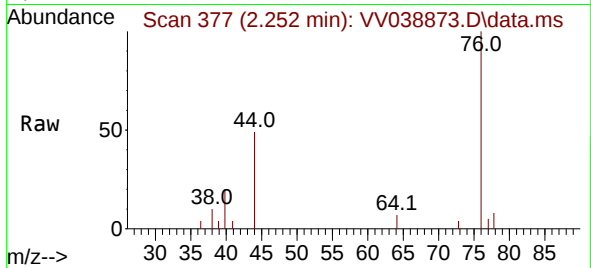




#17
Carbon Disulfide
Concen: 0.600 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

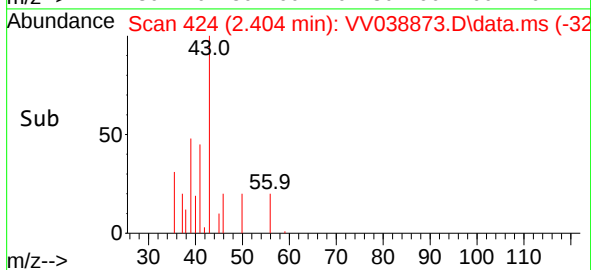
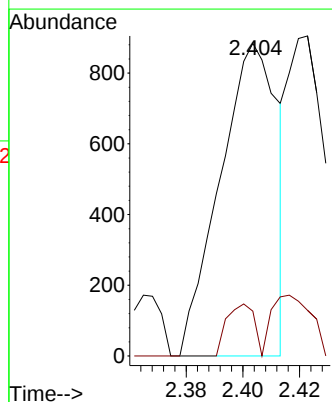
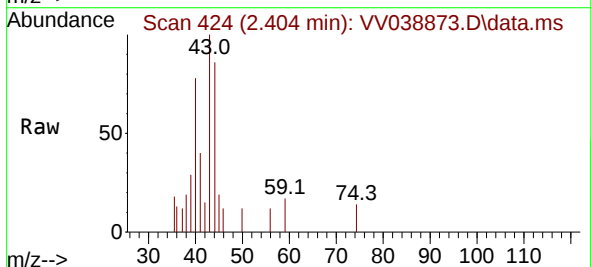
Instrument :
MSVOA_V
ClientSampleId :
MDL03

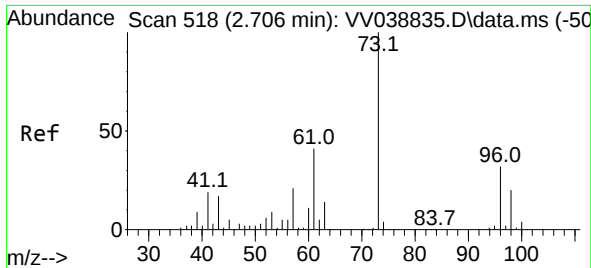
Tgt Ion: 76 Resp: 5995
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.404 min Scan# 424
Delta R.T. 0.026 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
74 7.9 21.4 32.0#

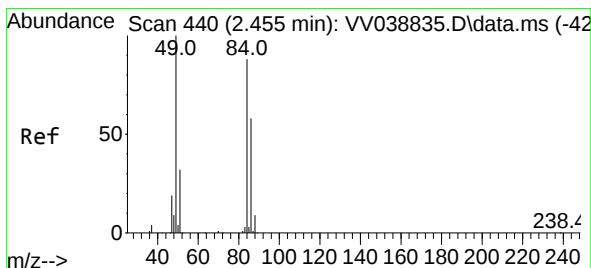
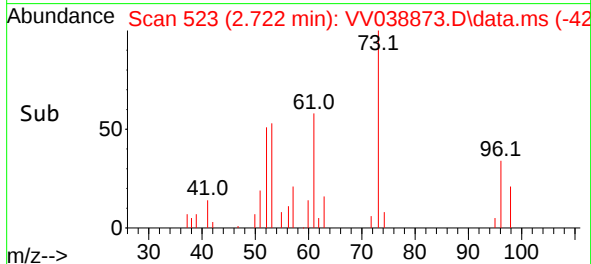
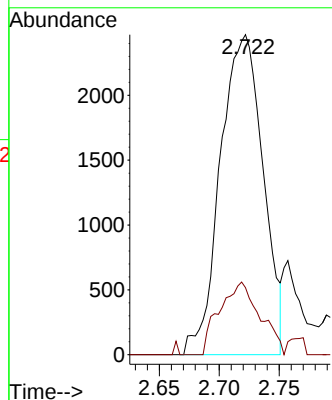
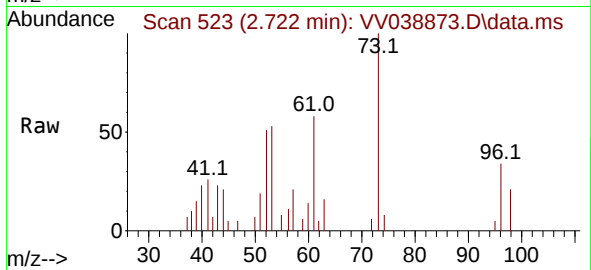




#19
Methyl tert-butyl Ether
Concen: 0.459 ug/l
RT: 2.722 min Scan# 518
Delta R.T. 0.016 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

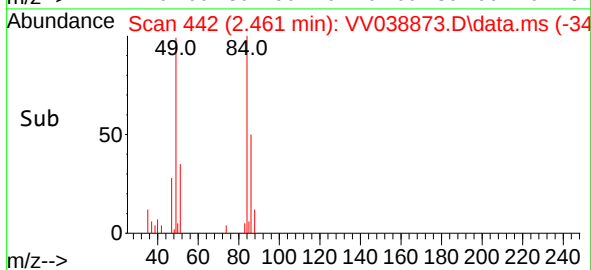
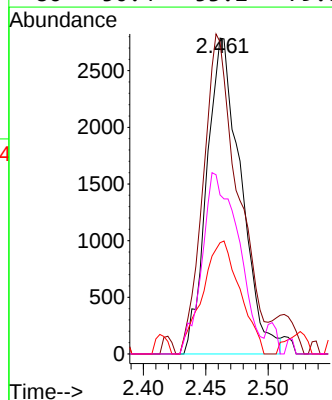
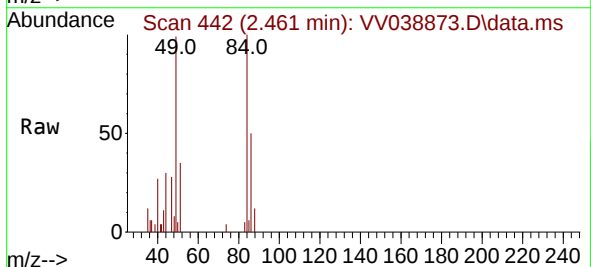
Instrument :
MSVOA_V
ClientSampleId :
MDL03

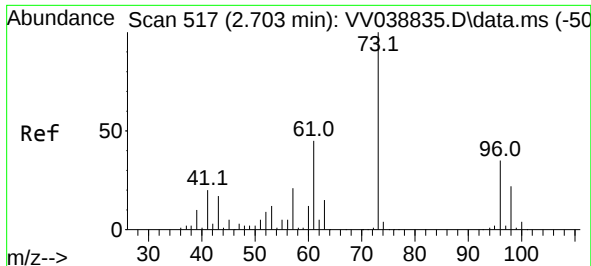
Tgt Ion: 73 Resp: 6125
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 84 Resp: 5297
Ion Ratio Lower Upper
84 100
49 98.8 91.0 136.4
51 35.2 29.4 44.2
86 50.4 53.2 79.8#

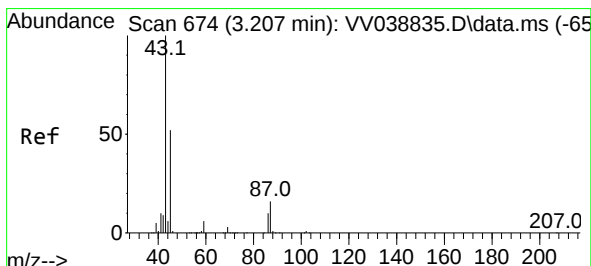
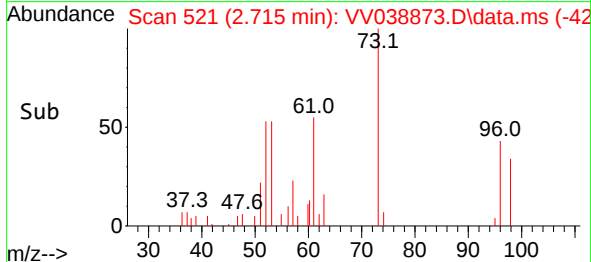
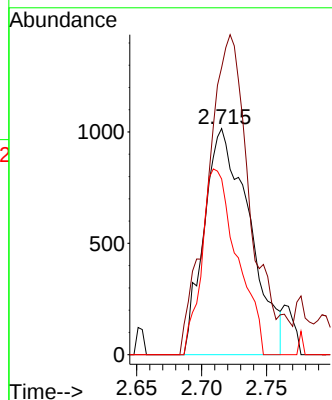
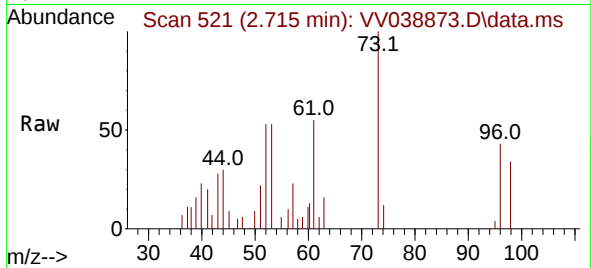




#21
trans-1,2-Dichloroethene
Concen: 0.572 ug/l
RT: 2.715 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

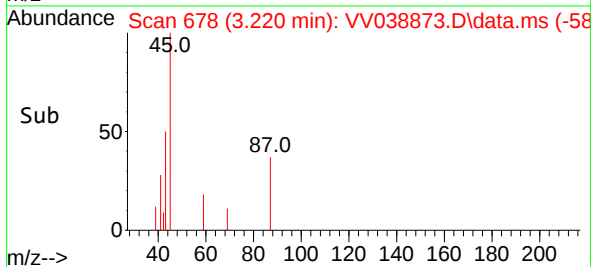
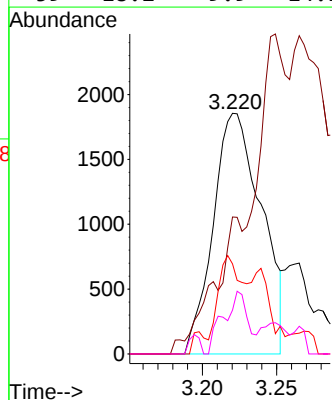
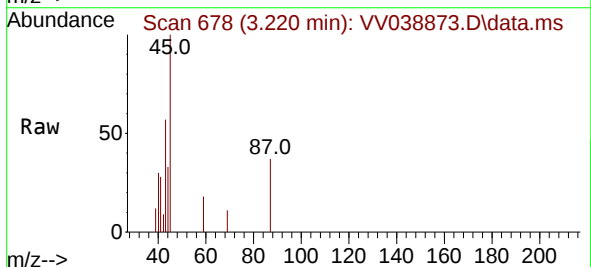
Instrument :
MSVOA_V
ClientSampleId :
MDL03

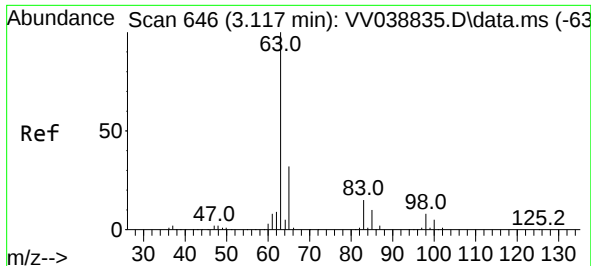
Tgt Ion: 96 Resp: 2469
Ion Ratio Lower Upper
96 100
61 127.1 102.8 154.2
98 77.7 50.9 76.3#



#22
Diisopropyl ether
Concen: 0.353 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.013 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 45 Resp: 4199
Ion Ratio Lower Upper
45 100
43 51.1 153.1 229.7#
87 37.5 25.2 37.8
59 18.2 9.9 14.9#

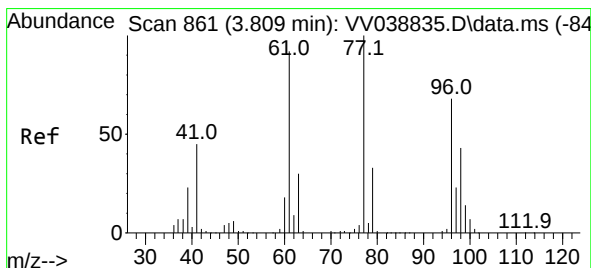
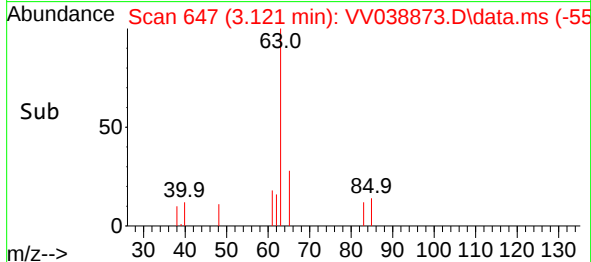
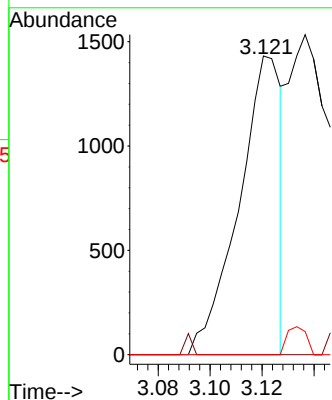
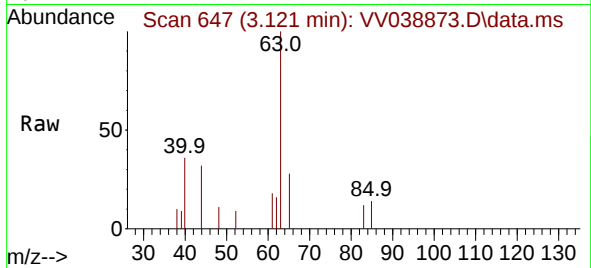




#24
1,1-Dichloroethane
Concen: 0.201 ug/l
RT: 3.121 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

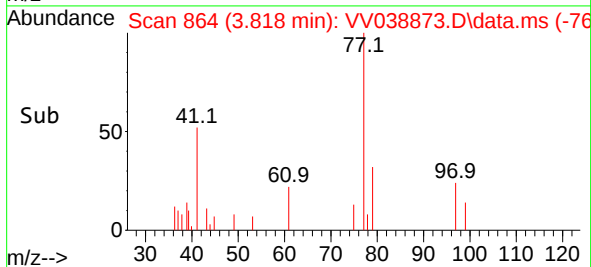
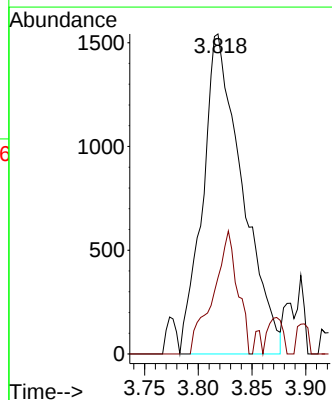
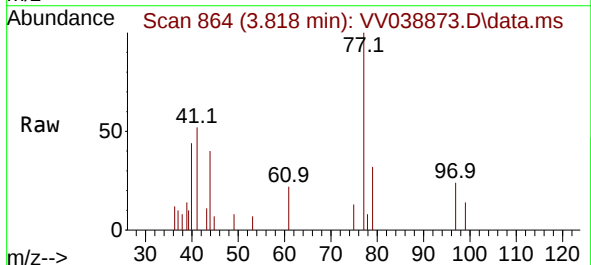
Instrument :
MSVOA_V
ClientSampleId :
MDL03

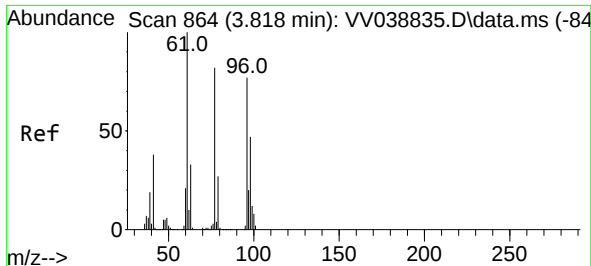
Tgt Ion: 63 Resp: 1613
Ion Ratio Lower Upper
63 100
98 0.0 4.1 12.3#
100 0.0 2.4 7.2#



#26
2,2-Dichloropropane
Concen: 0.531 ug/l
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 77 Resp: 3950
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.4

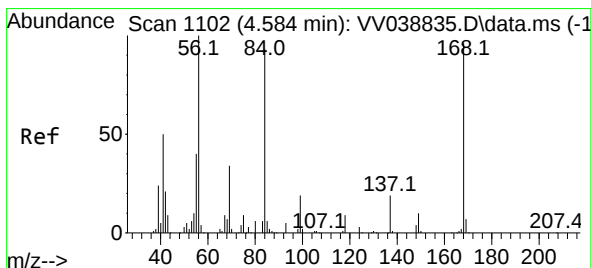
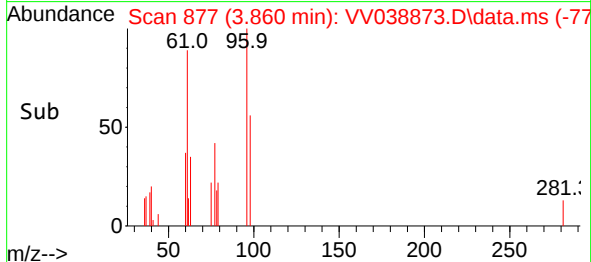
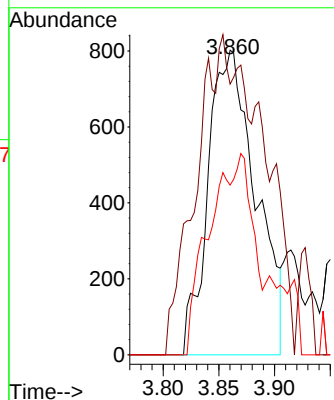
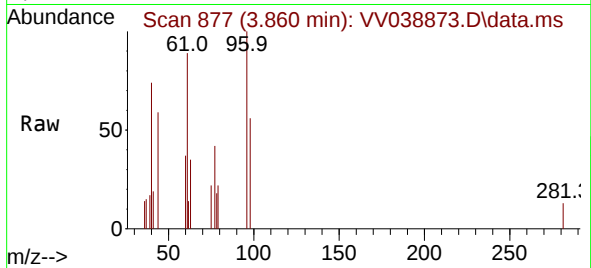




#27
 cis-1,2-Dichloroethene
 Concen: 0.475 ug/l
 RT: 3.860 min Scan# 81
 Delta R.T. 0.042 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

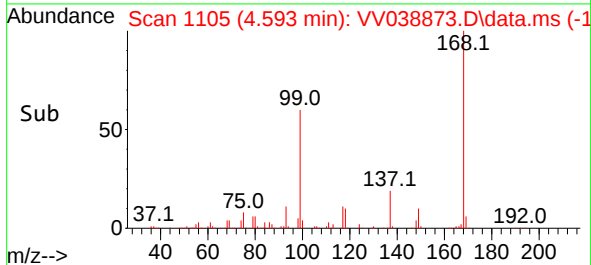
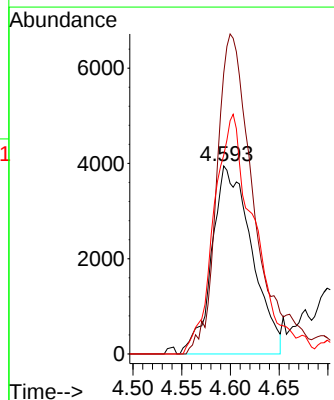
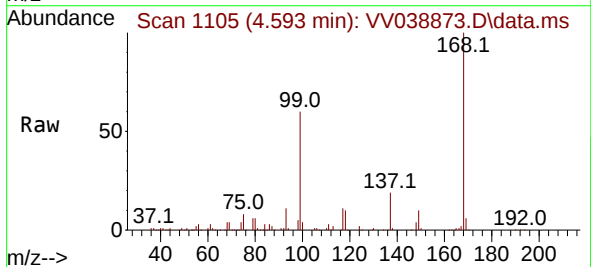
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

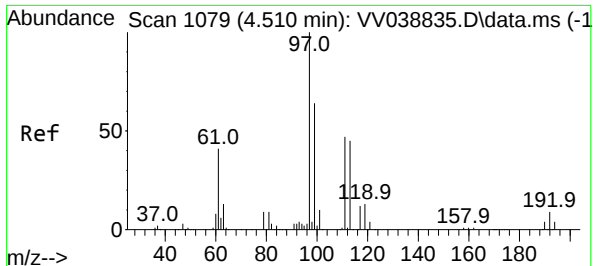
Tgt Ion: 96	Resp: 2389
Ion Ratio	Lower Upper
96 100	
61 48.6	0.0 268.4
98 32.7	0.0 128.0



#31
 Cyclohexane
 Concen: 1.763 ug/l
 RT: 4.593 min Scan# 1105
 Delta R.T. 0.010 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

Tgt Ion: 56	Resp: 11198
Ion Ratio	Lower Upper
56 100	
69 149.3	27.0 40.4#
84 105.7	74.4 111.6

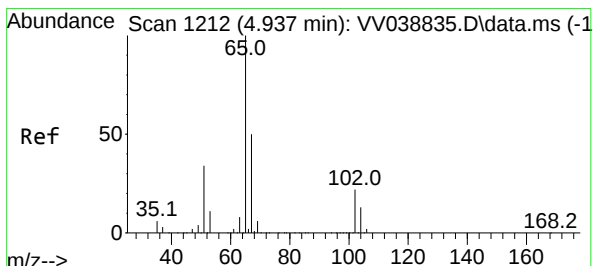
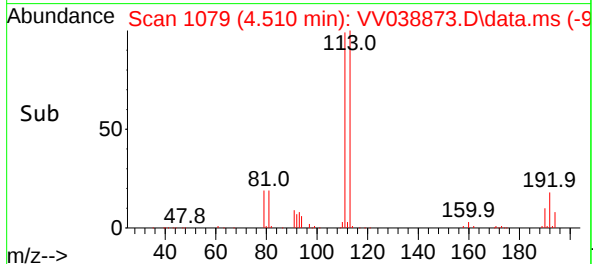
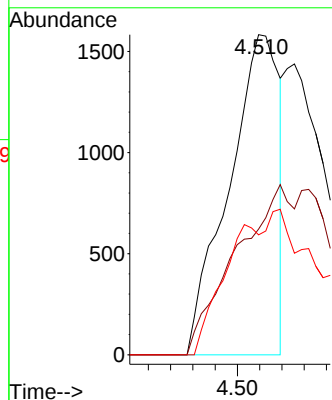
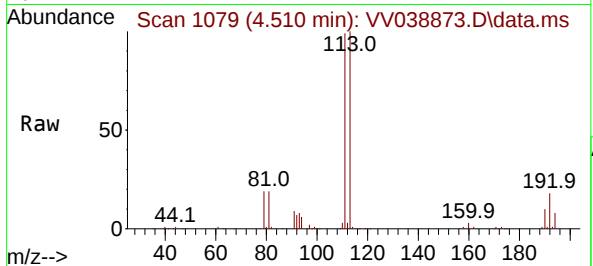




#32
1,1,1-Trichloroethane
Concen: 0.306 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

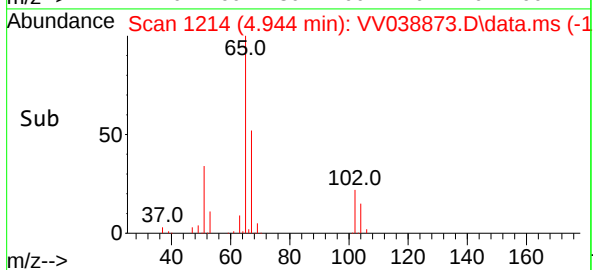
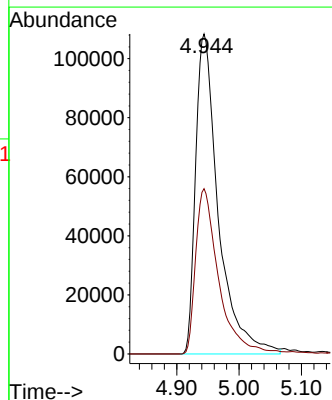
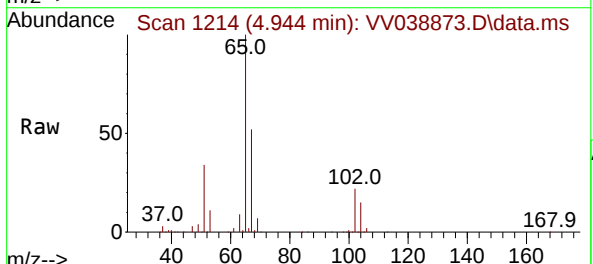
Instrument :
MSVOA_V
ClientSampleId :
MDL03

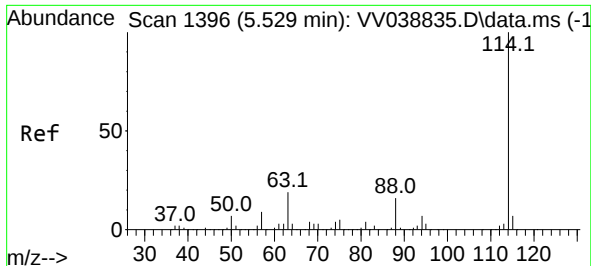
Tgt Ion: 97 Resp: 2486
Ion Ratio Lower Upper
97 100
99 0.0 48.8 73.2#
61 30.5 31.8 47.8#



#33
1,2-Dichloroethane-d4
Concen: 58.349 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 65 Resp: 274071
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

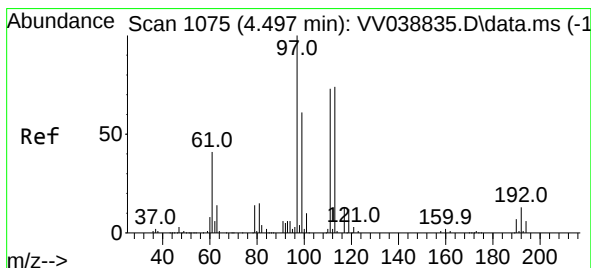
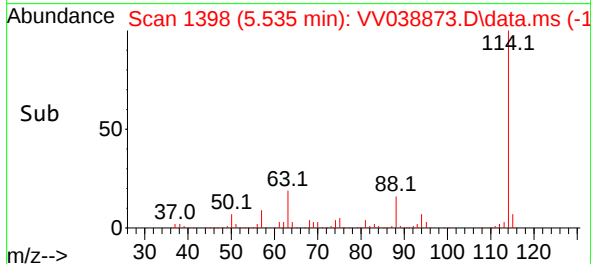
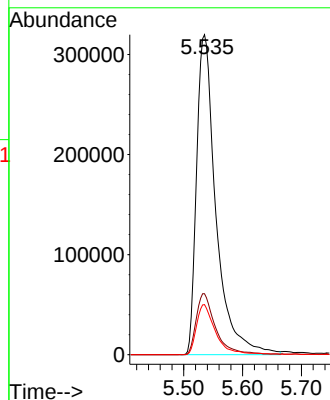
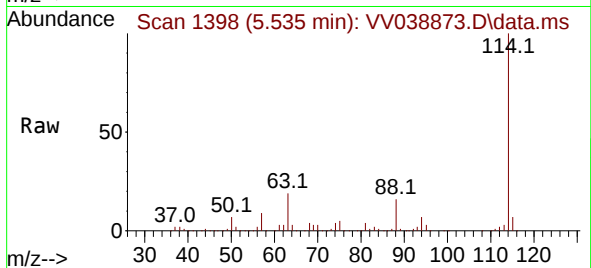
Tgt Ion:114 Resp: 733529

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.6 0.0 31.2



#35

Dibromofluoromethane

Concen: 52.877 ug/l

RT: 4.506 min Scan# 1078

Delta R.T. 0.010 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

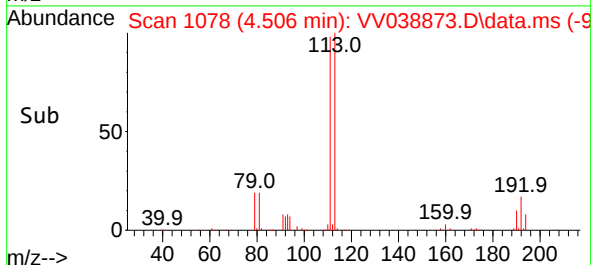
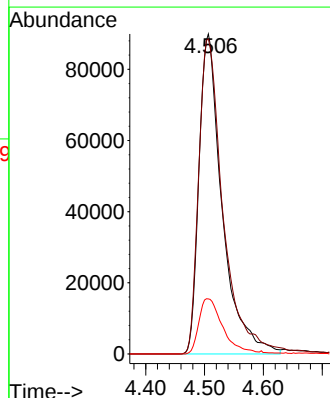
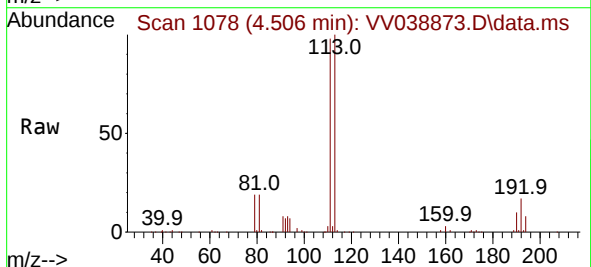
Tgt Ion:113 Resp: 245683

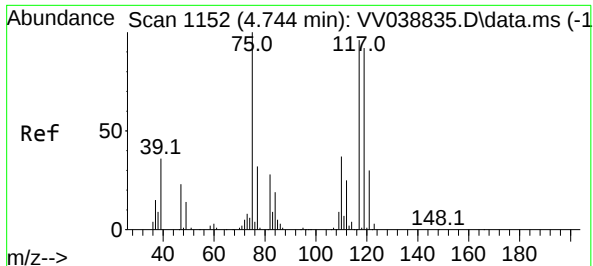
Ion Ratio Lower Upper

113 100

111 104.9 81.5 122.3

192 17.9 14.7 22.1





#36

1,1-Dichloropropene

Concen: 5.829 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.145 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

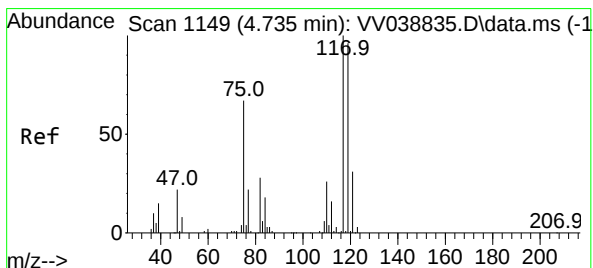
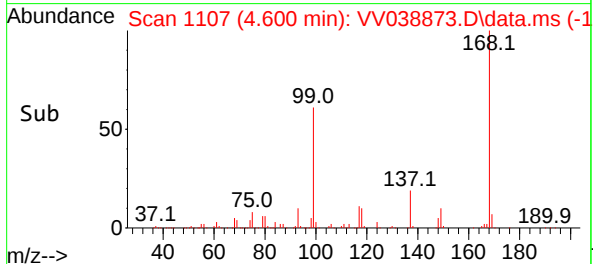
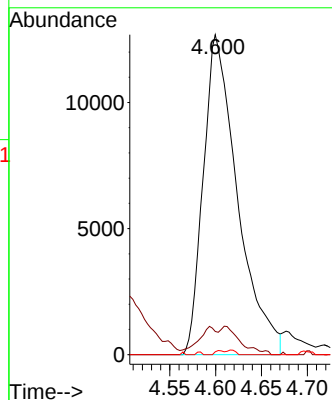
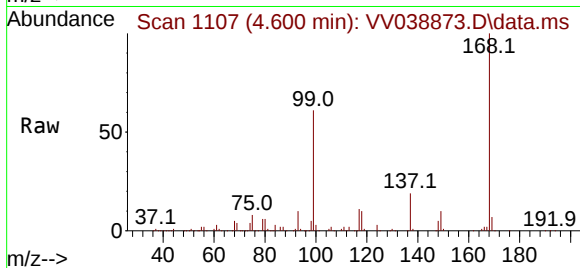
Tgt Ion: 75 Resp: 32864

Ion Ratio Lower Upper

75 100

110 5.0 19.3 57.9#

77 0.3 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. -0.132 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

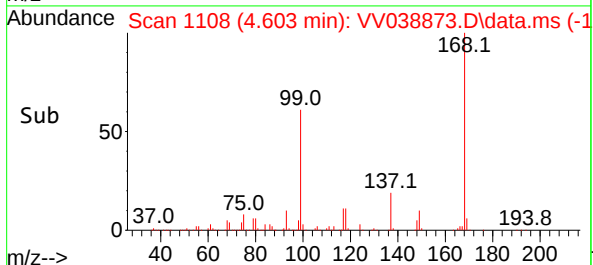
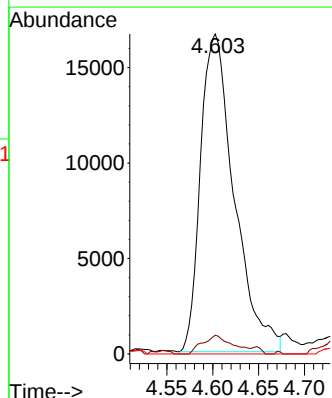
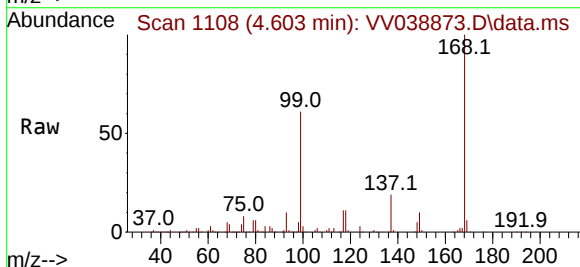
Tgt Ion: 117 Resp: 42604

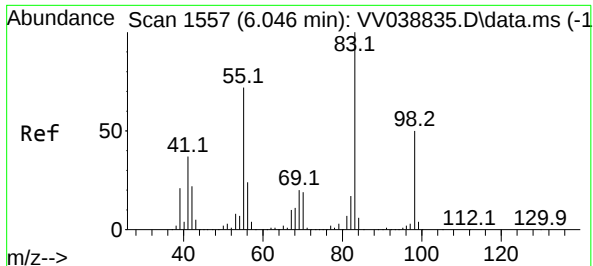
Ion Ratio Lower Upper

117 100

119 5.9 76.5 114.7#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.466 ug/l

RT: 6.056 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

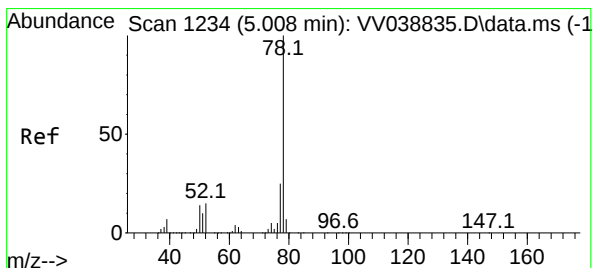
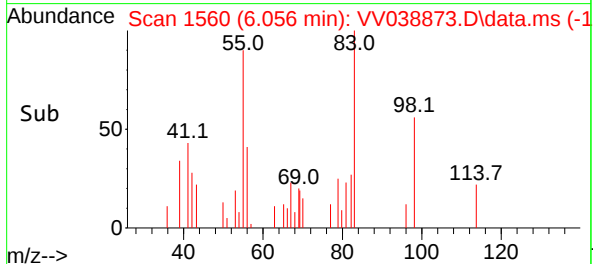
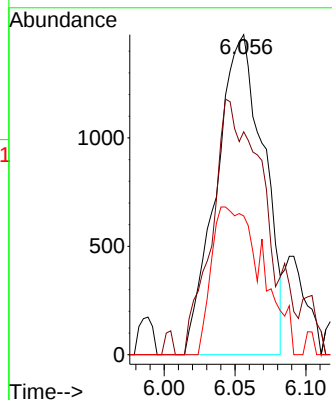
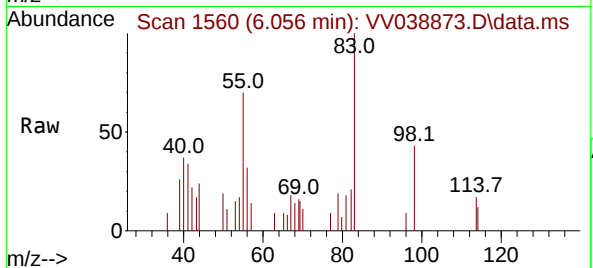
Tgt Ion: 83 Resp: 3436

Ion Ratio Lower Upper

83 100

55 69.6 57.7 86.5

98 43.4 40.2 60.2



#40

Benzene

Concen: 0.429 ug/l

RT: 5.040 min Scan# 1244

Delta R.T. 0.032 min

Lab File: VV038873.D

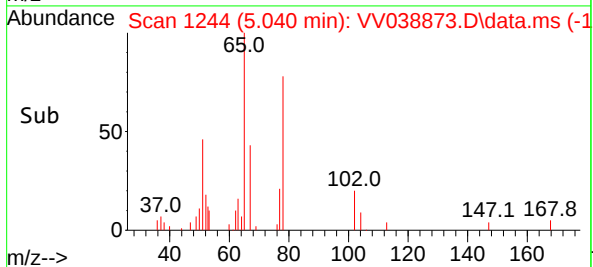
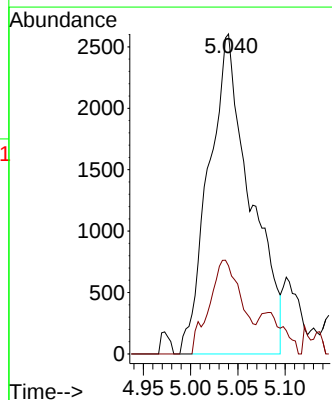
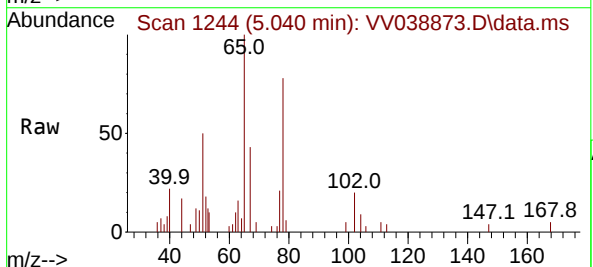
Acq: 07 Jul 2025 16:30

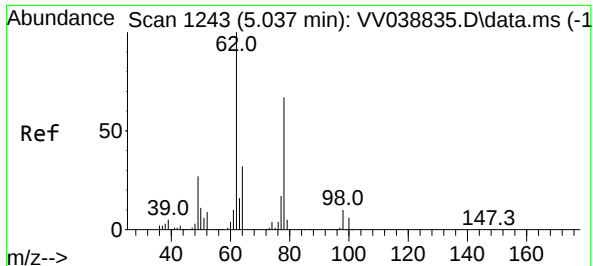
Tgt Ion: 78 Resp: 7980

Ion Ratio Lower Upper

78 100

77 27.6 19.6 29.4





#42

1,2-Dichloroethane

Concen: 0.523 ug/l

RT: 5.075 min Scan# 1

Delta R.T. 0.039 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

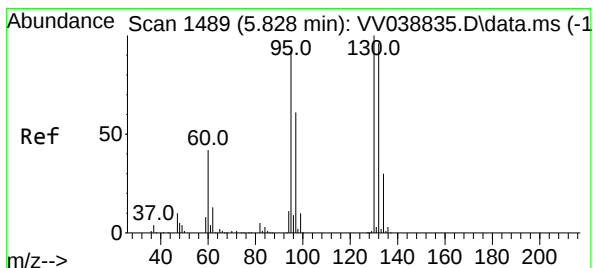
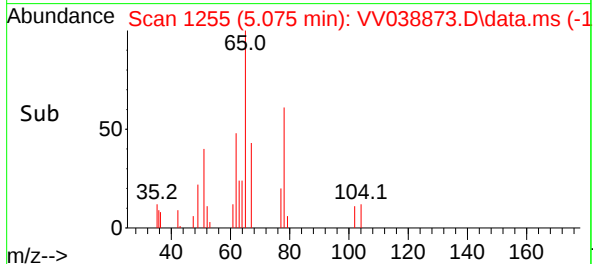
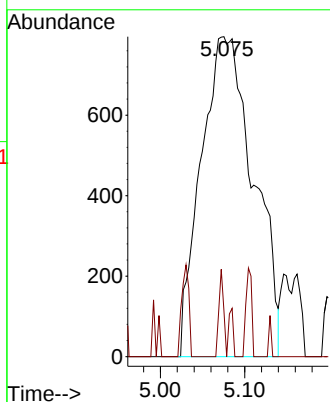
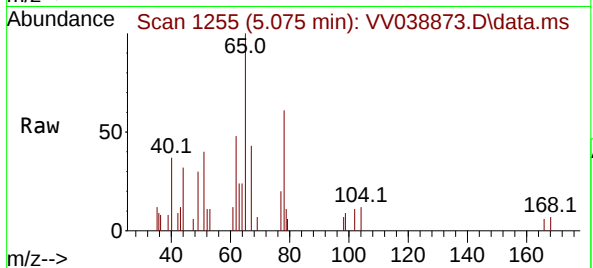
MDL03

Tgt Ion: 62 Resp: 3447

Ion Ratio Lower Upper

62 100

98 2.4 0.0 19.0



#44

Trichloroethene

Concen: 0.364 ug/l

RT: 5.866 min Scan# 1501

Delta R.T. 0.039 min

Lab File: VV038873.D

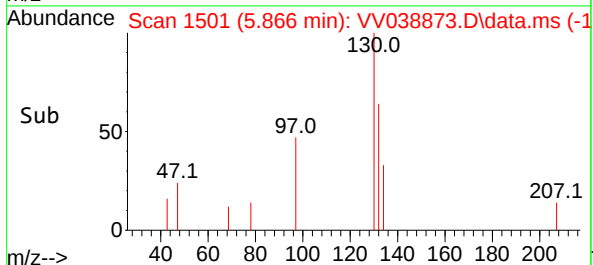
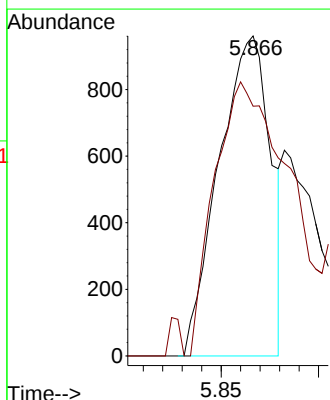
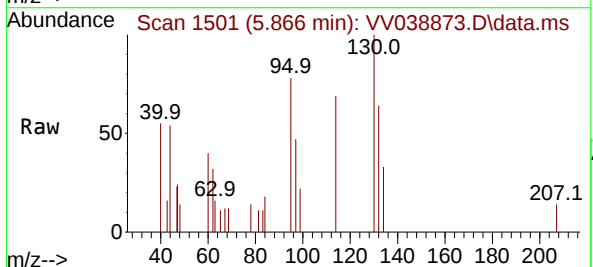
Acq: 07 Jul 2025 16:30

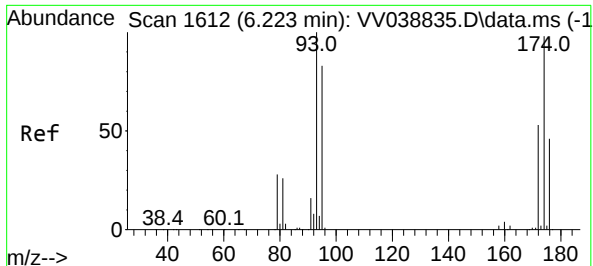
Tgt Ion:130 Resp: 1768

Ion Ratio Lower Upper

130 100

95 66.6 0.0 184.4

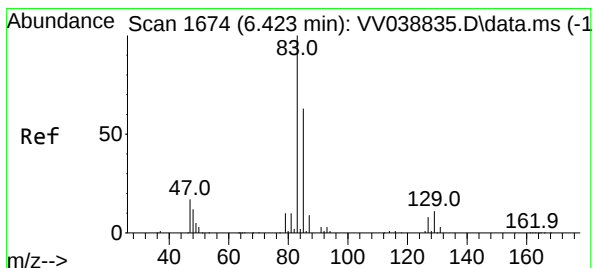
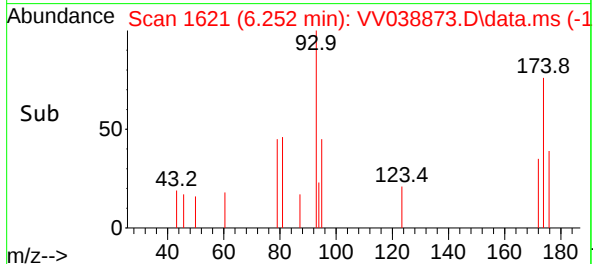
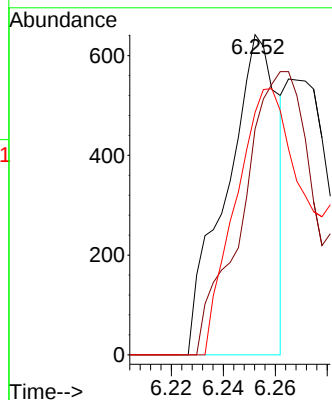
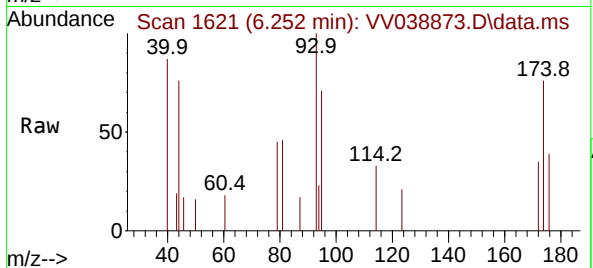




#46
Dibromomethane
Concen: 0.240 ug/l
RT: 6.252 min Scan# 1621
Delta R.T. 0.029 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

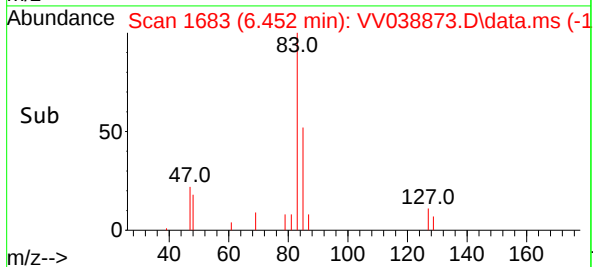
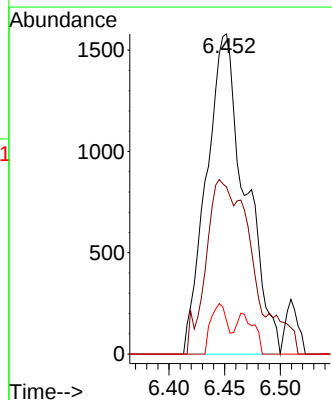
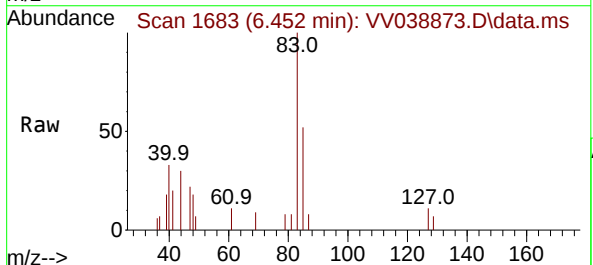
Instrument :
MSVOA_V
ClientSampleId :
MDL03

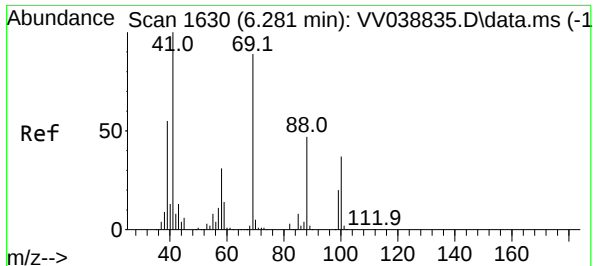
Tgt Ion: 93 Resp: 884
Ion Ratio Lower Upper
93 100
95 114.8 66.7 100.1#
174 109.0 78.7 118.1



#47
Bromodichloromethane
Concen: 0.492 ug/l
RT: 6.452 min Scan# 1683
Delta R.T. 0.029 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 83 Resp: 3845
Ion Ratio Lower Upper
83 100
85 52.2 50.1 75.1
127 10.5 6.6 10.0#





#49

1,4-Dioxane

Concen: 3.224 ug/l

RT: 6.342 min Scan# 1

Delta R.T. 0.061 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

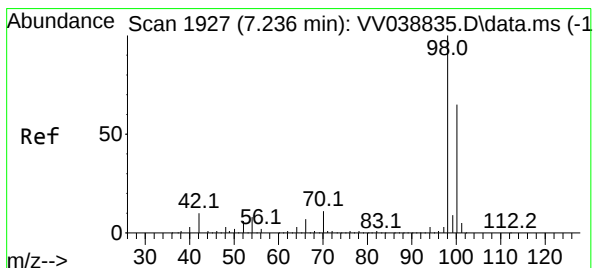
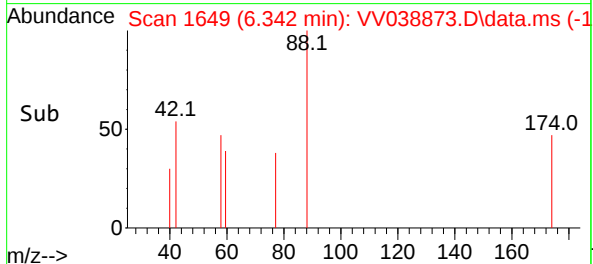
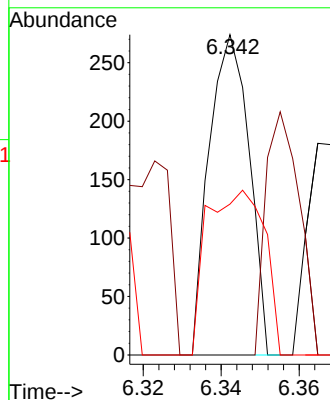
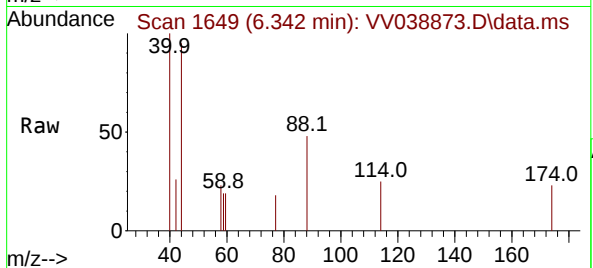
Tgt Ion: 88 Resp: 195

Ion Ratio Lower Upper

88 100

43 0.0 25.2 37.8#

58 74.4 52.1 78.1



#50

Toluene-d8

Concen: 46.907 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038873.D

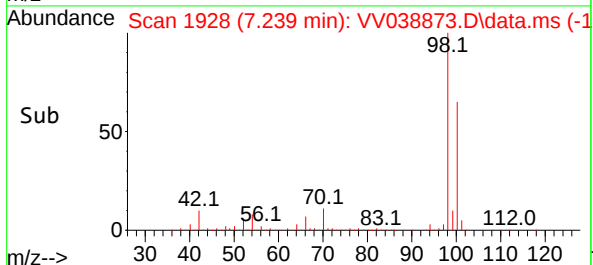
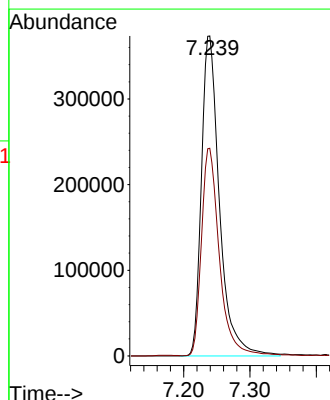
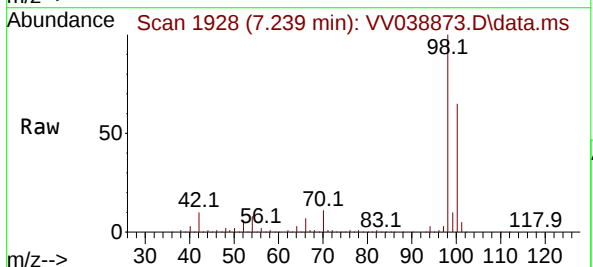
Acq: 07 Jul 2025 16:30

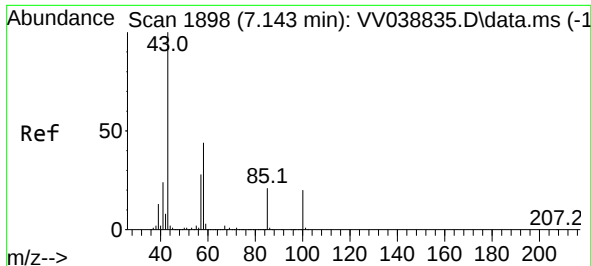
Tgt Ion: 98 Resp: 705143

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4

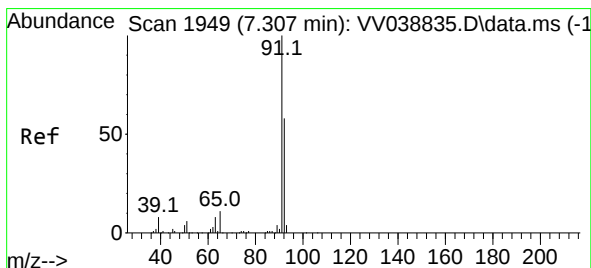
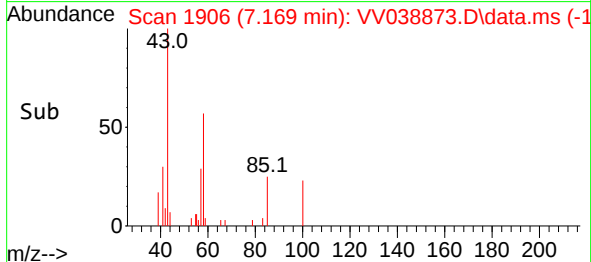
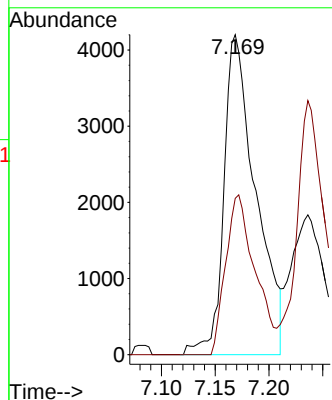
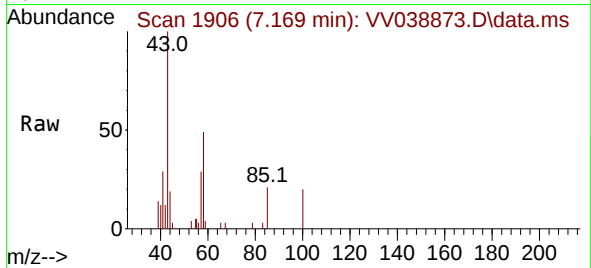




#51
4-Methyl-2-Pentanone
Concen: 1.495 ug/l
RT: 7.169 min Scan# 1906
Delta R.T. 0.026 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

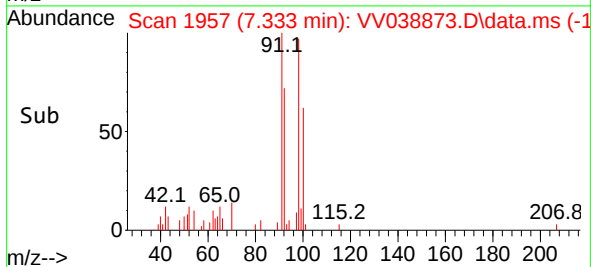
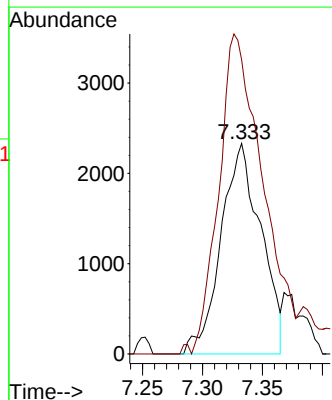
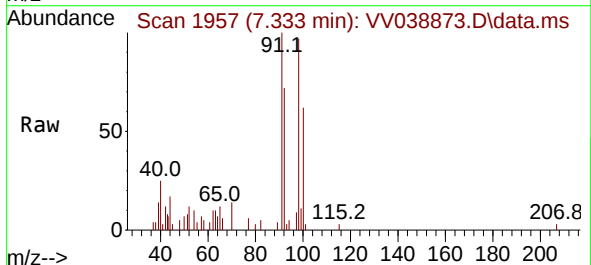
Instrument :
MSVOA_V
ClientSampleId :
MDL03

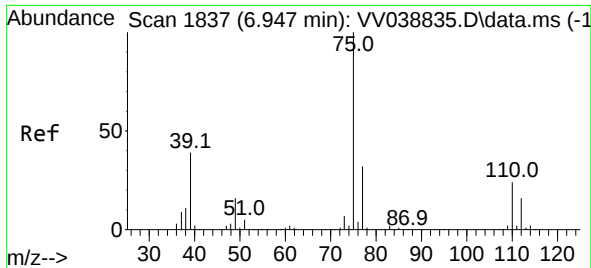
Tgt Ion: 43 Resp: 8658
Ion Ratio Lower Upper
43 100
58 46.4 34.4 51.6



#52
Toluene
Concen: 0.464 ug/l
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 92 Resp: 5394
Ion Ratio Lower Upper
92 100
91 167.7 138.5 207.7

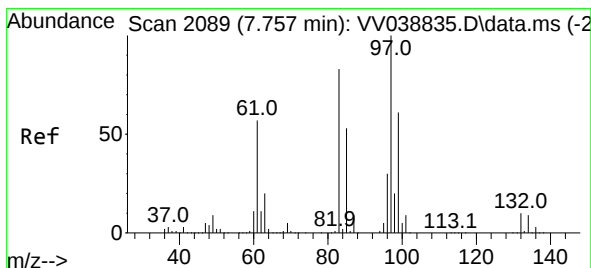
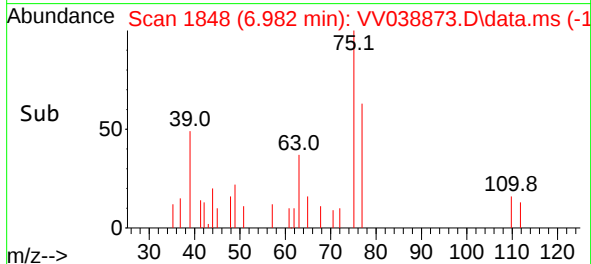
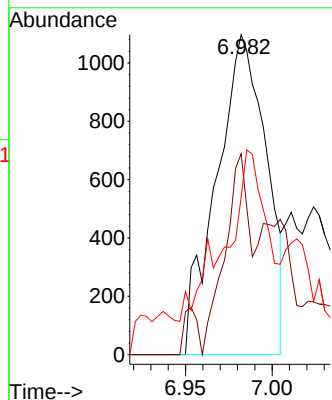
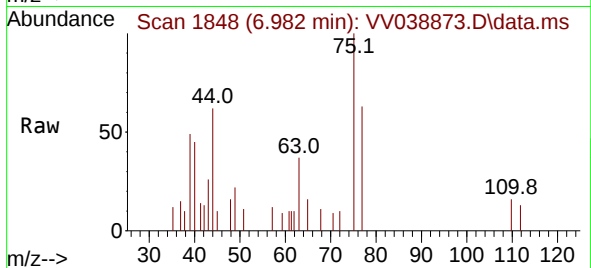




#54
 cis-1,3-Dichloropropene
 Concen: 0.287 ug/l
 RT: 6.982 min Scan# 11
 Delta R.T. 0.035 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

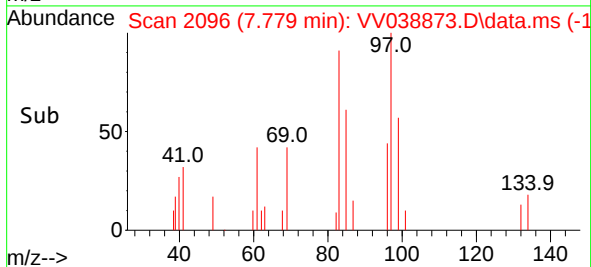
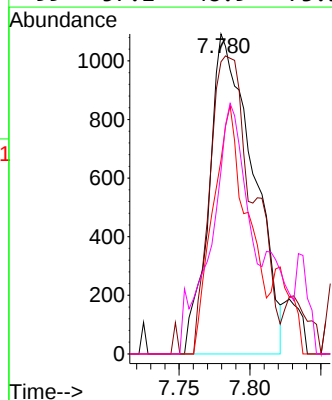
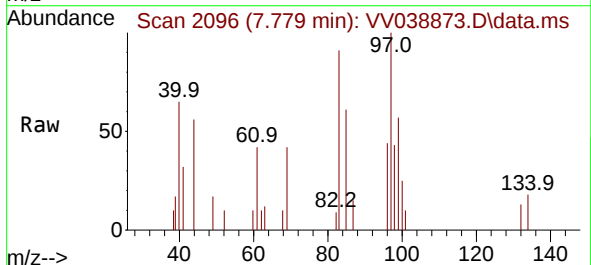
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

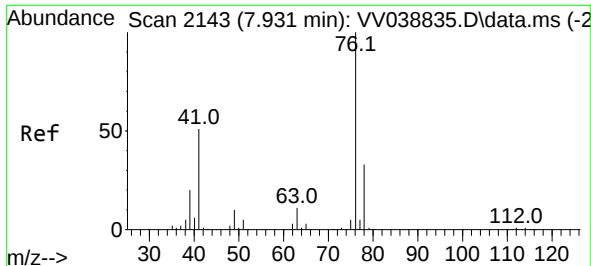
Tgt Ion: 75 Resp: 2192
 Ion Ratio Lower Upper
 75 100
 77 62.8 25.8 38.8#
 39 38.8 31.3 46.9



#55
 1,1,2-Trichloroethane
 Concen: 0.465 ug/l
 RT: 7.779 min Scan# 2096
 Delta R.T. 0.022 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

Tgt Ion: 97 Resp: 2363
 Ion Ratio Lower Upper
 97 100
 83 91.3 66.2 99.4
 85 60.5 42.2 63.4
 99 57.2 48.9 73.3





#57

1,3-Dichloropropane

Concen: 0.450 ug/l

RT: 7.960 min Scan# 2143

Delta R.T. 0.029 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

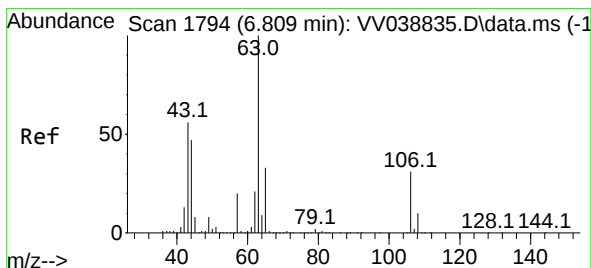
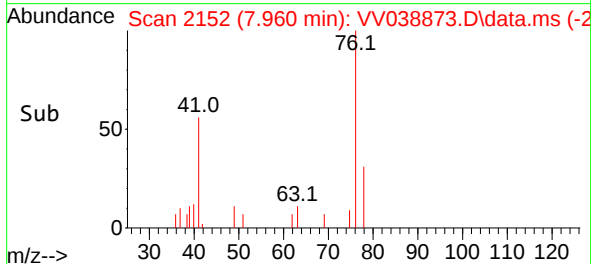
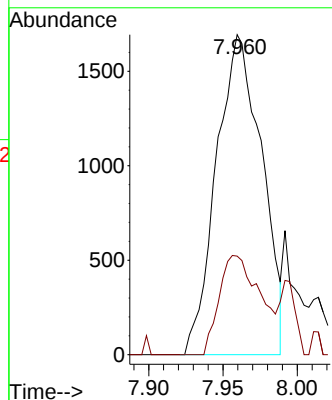
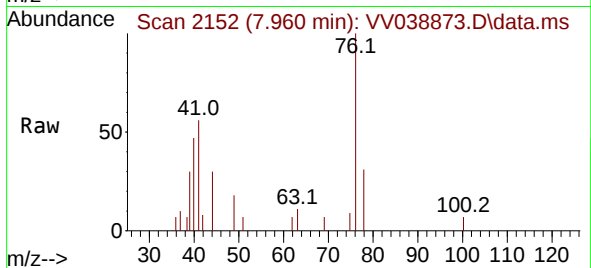
MDL03

Tgt Ion: 76 Resp: 3605

Ion Ratio Lower Upper

76 100

78 27.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 1.613 ug/l

RT: 6.866 min Scan# 1812

Delta R.T. 0.058 min

Lab File: VV038873.D

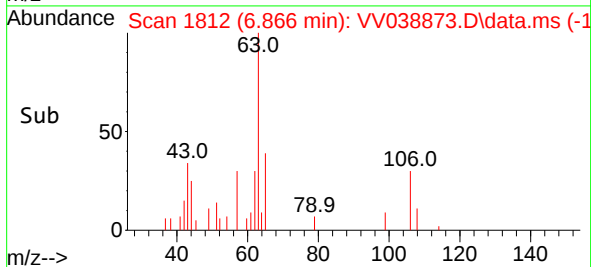
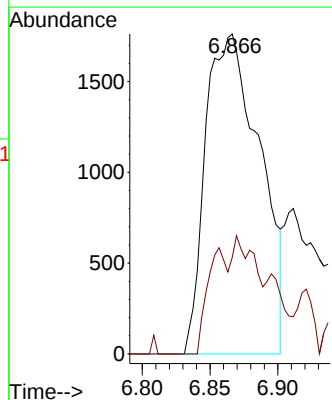
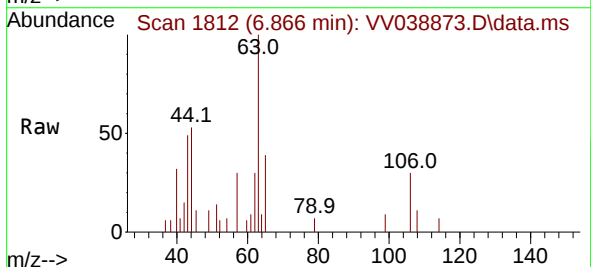
Acq: 07 Jul 2025 16:30

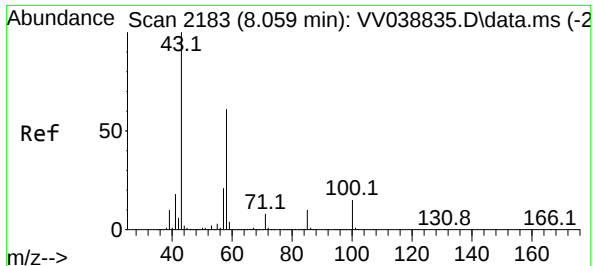
Tgt Ion: 63 Resp: 4901

Ion Ratio Lower Upper

63 100

106 7.9 24.6 37.0#





#59

2-Hexanone

Concen: 0.533 ug/l

RT: 8.130 min Scan# 2183

Delta R.T. 0.071 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

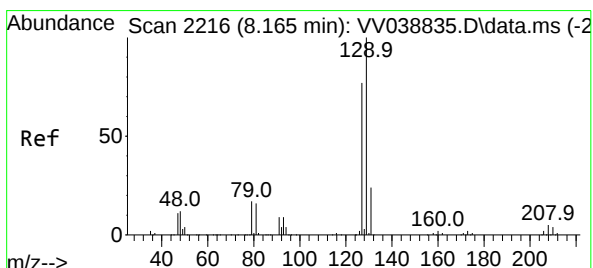
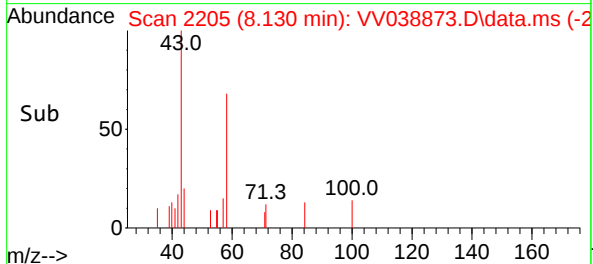
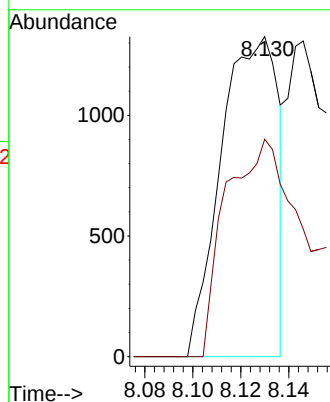
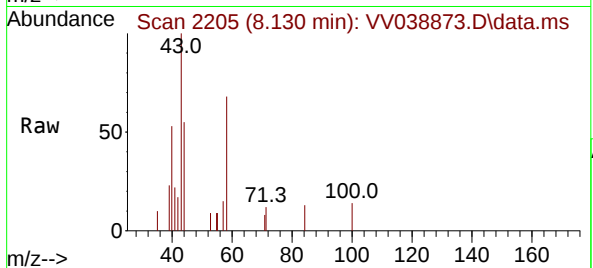
MDL03

Tgt Ion: 43 Resp: 2179

Ion Ratio Lower Upper

43 100

58 106.8 30.3 91.0#



#60

Dibromochloromethane

Concen: 0.536 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VV038873.D

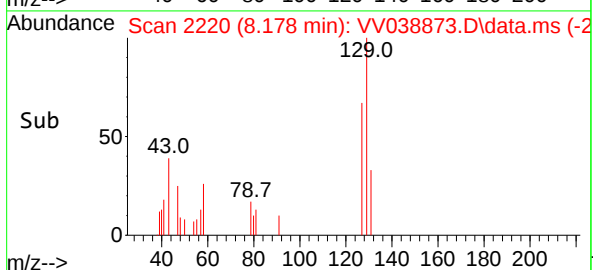
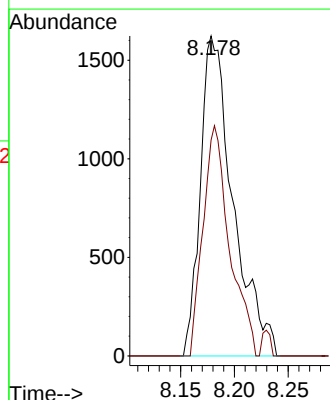
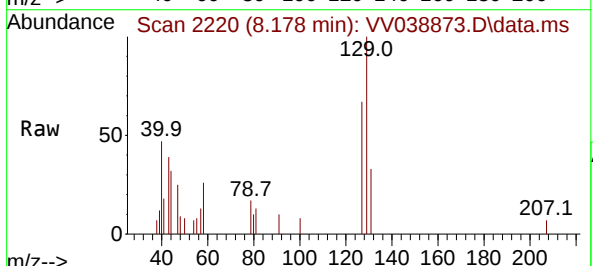
Acq: 07 Jul 2025 16:30

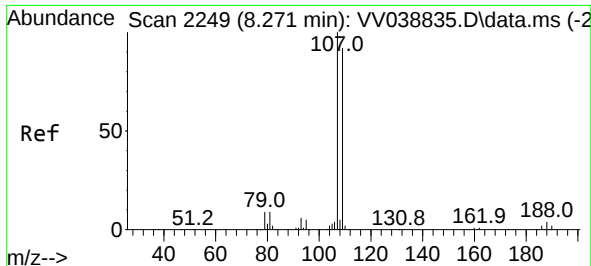
Tgt Ion: 129 Resp: 3431

Ion Ratio Lower Upper

129 100

127 58.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.386 ug/l

RT: 8.304 min Scan# 2249

Delta R.T. 0.032 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

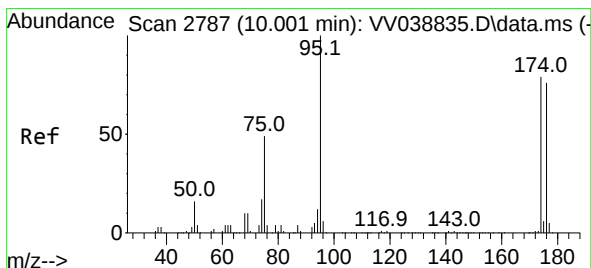
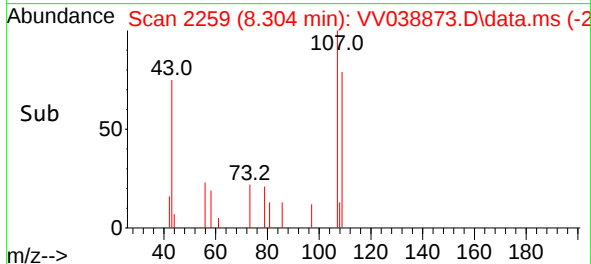
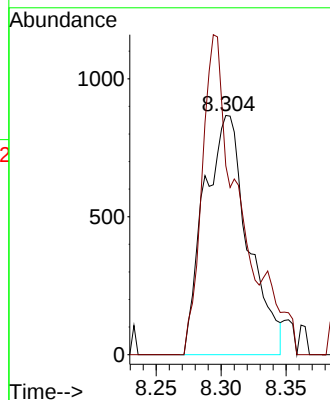
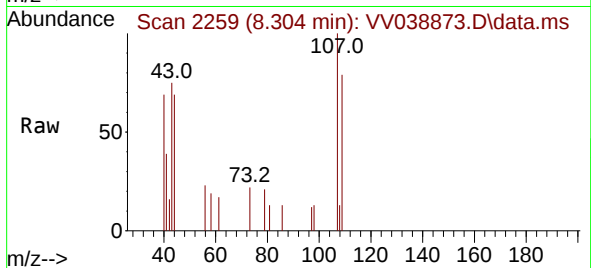
MDL03

Tgt Ion:107 Resp: 2033

Ion Ratio Lower Upper

107 100

109 100.7 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 48.006 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.000 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

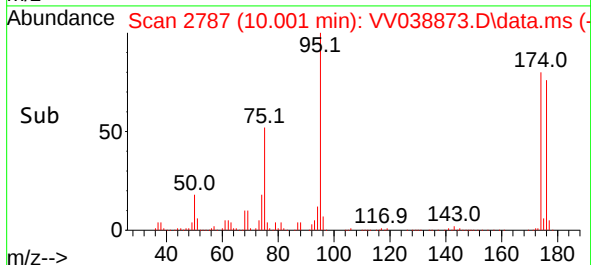
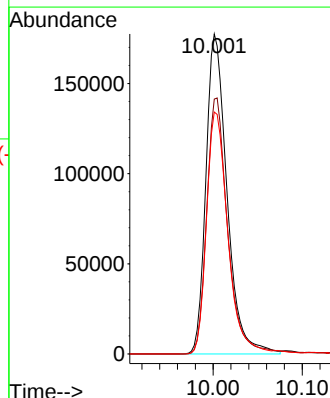
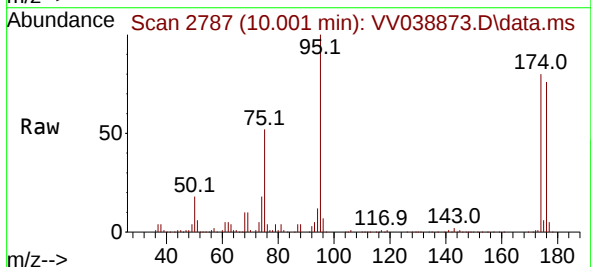
Tgt Ion: 95 Resp: 291563

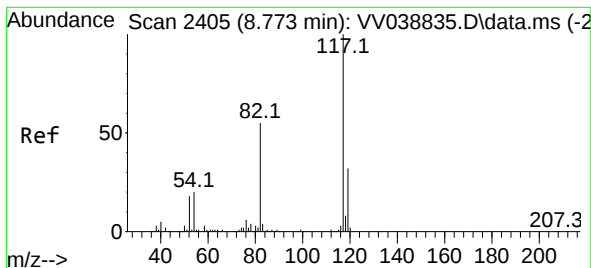
Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.2

176 76.1 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

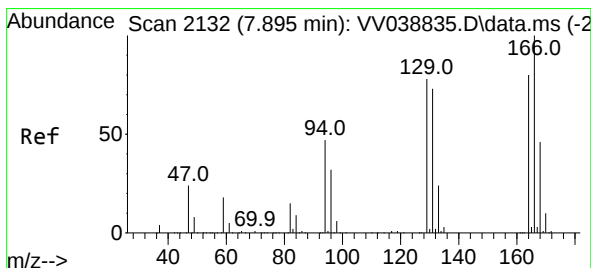
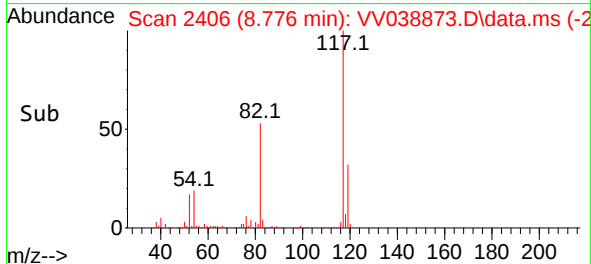
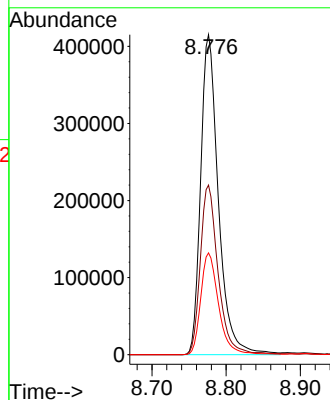
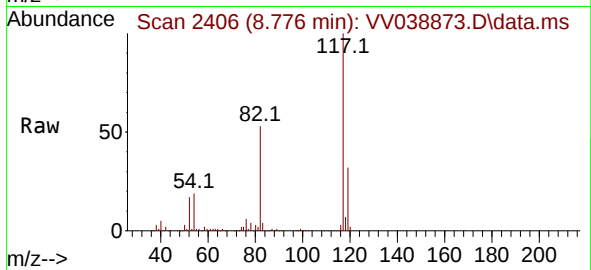
Tgt Ion:117 Resp: 689175

Ion Ratio Lower Upper

117 100

82 53.0 44.2 66.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.494 ug/l

RT: 7.911 min Scan# 2137

Delta R.T. 0.016 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Tgt Ion:164 Resp: 2189

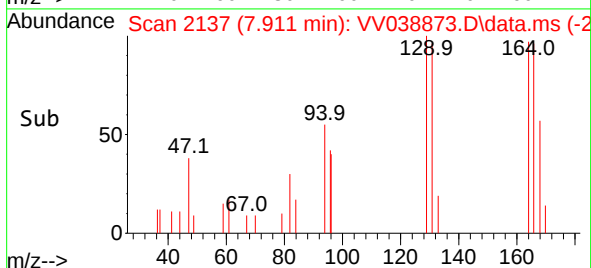
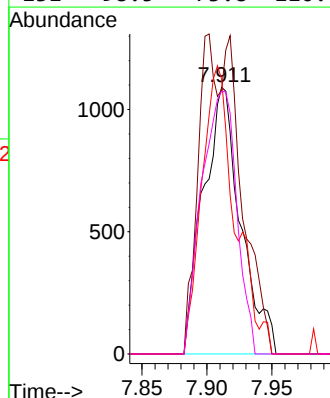
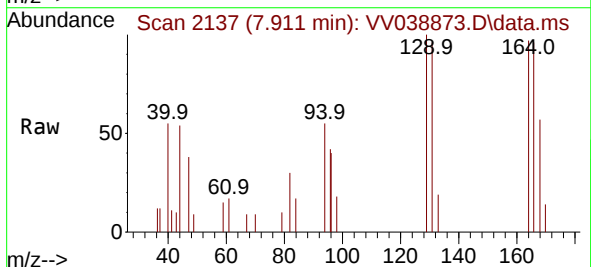
Ion Ratio Lower Upper

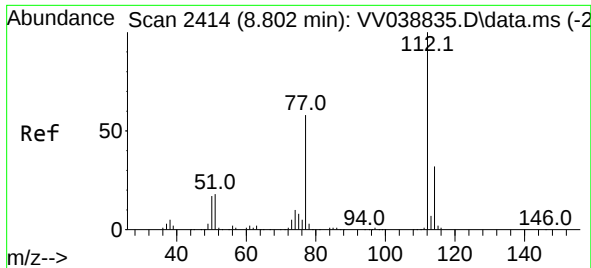
164 100

166 99.0 100.6 151.0#

129 103.0 78.4 117.6

131 98.5 73.8 110.6

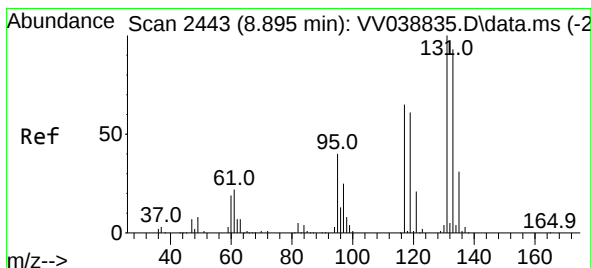
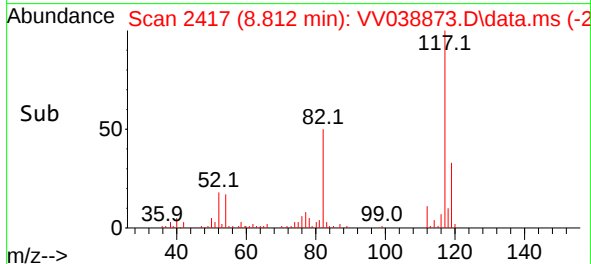
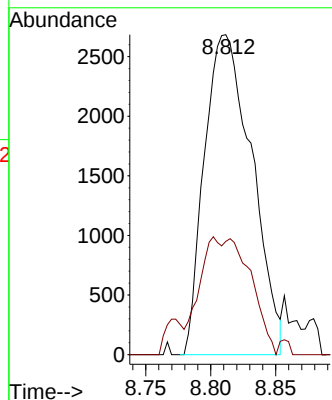
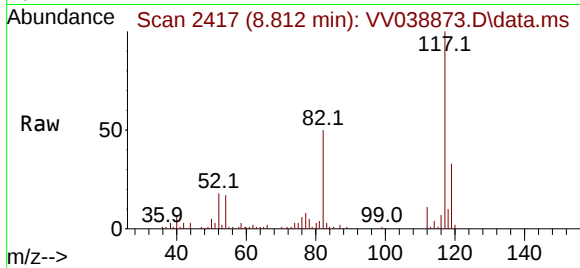




#65
Chlorobenzene
Concen: 0.469 ug/l
RT: 8.812 min Scan# 2417
Delta R.T. 0.010 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

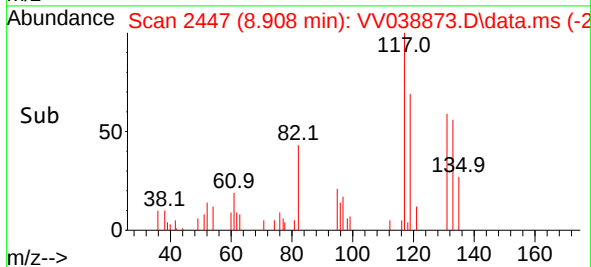
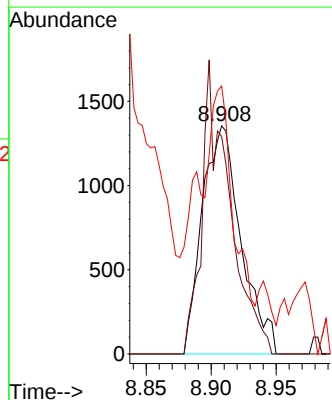
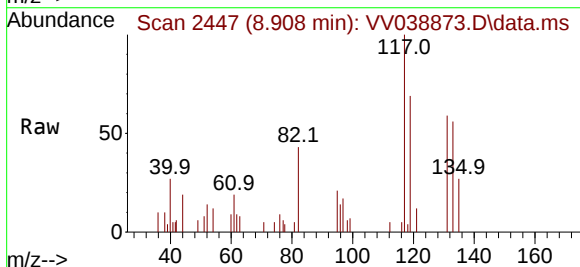
Instrument :
MSVOA_V
ClientSampleId :
MDL03

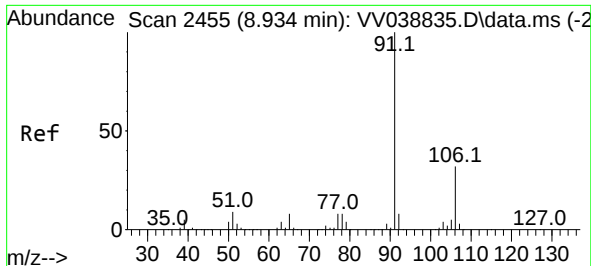
Tgt Ion:112 Resp: 6816
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.519 ug/l
RT: 8.908 min Scan# 2447
Delta R.T. 0.013 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:131 Resp: 2815
Ion Ratio Lower Upper
131 100
133 90.9 47.3 142.0
119 0.0 31.0 93.0#

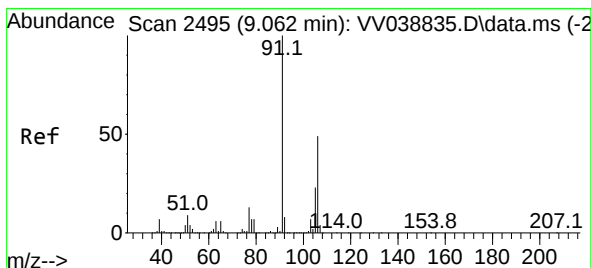
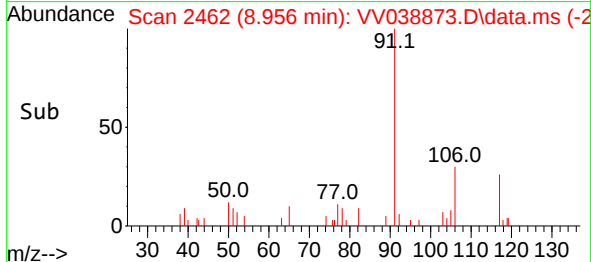
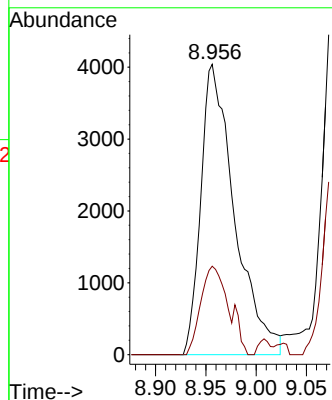
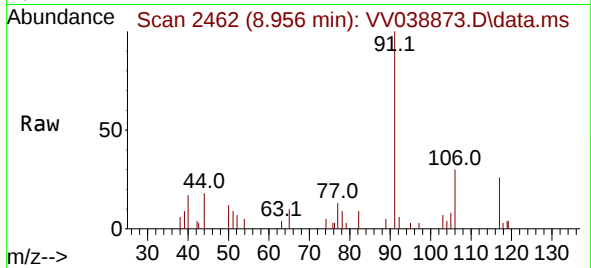




#67
Ethyl Benzene
Concen: 0.414 ug/l
RT: 8.956 min Scan# 2455
Delta R.T. 0.022 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

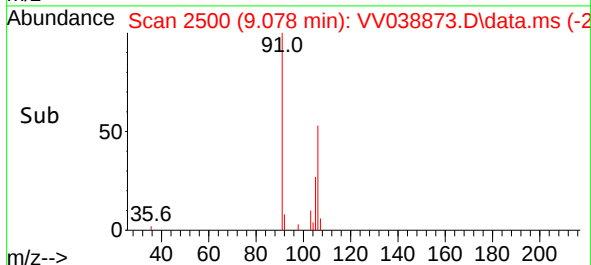
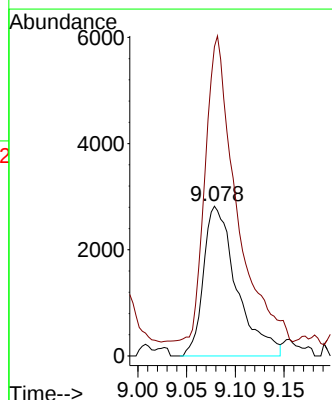
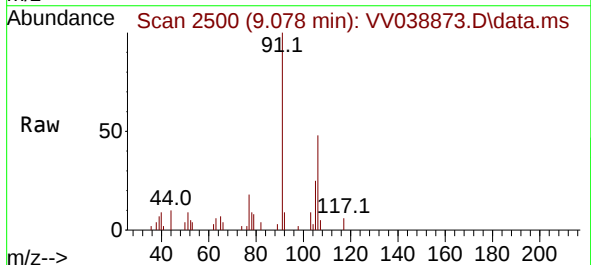
Instrument :
MSVOA_V
ClientSampleId :
MDL03

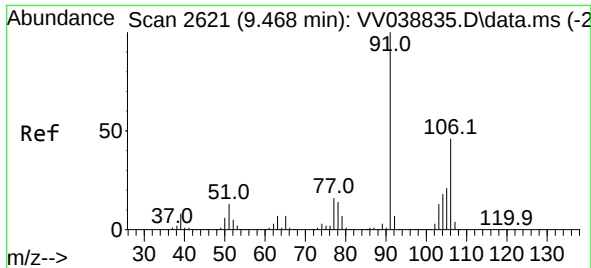
Tgt Ion: 91 Resp: 9411
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 0.768 ug/l
RT: 9.078 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 106 Resp: 6693
Ion Ratio Lower Upper
106 100
91 189.0 162.9 244.3

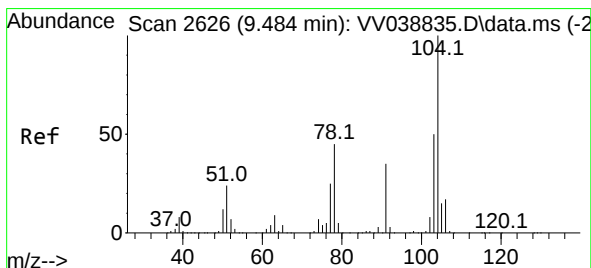
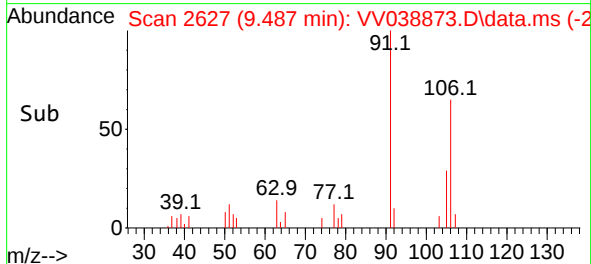
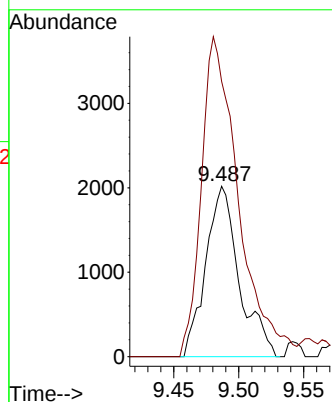
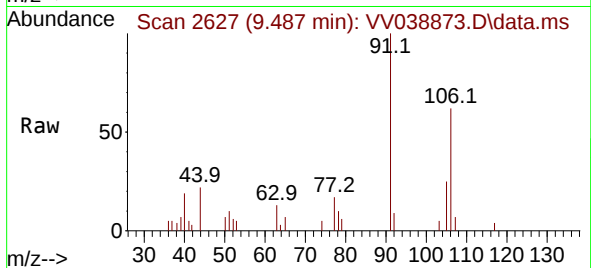




#69
o-Xylene
Concen: 0.434 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.019 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

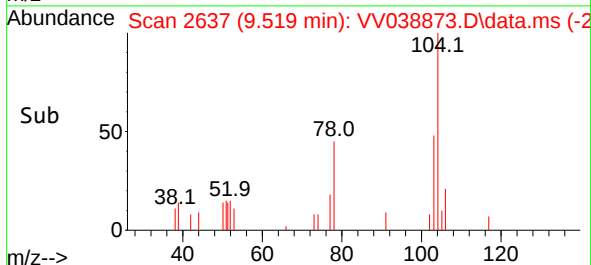
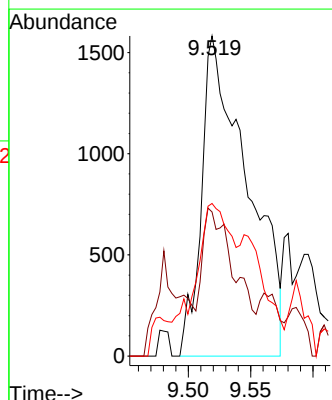
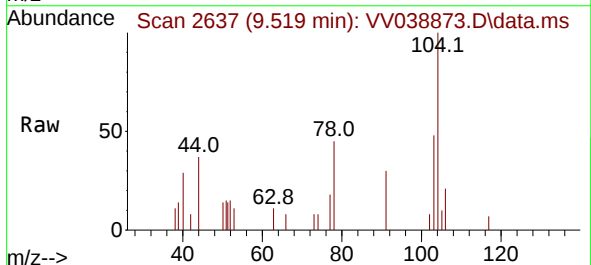
Instrument :
MSVOA_V
ClientSampleId :
MDL03

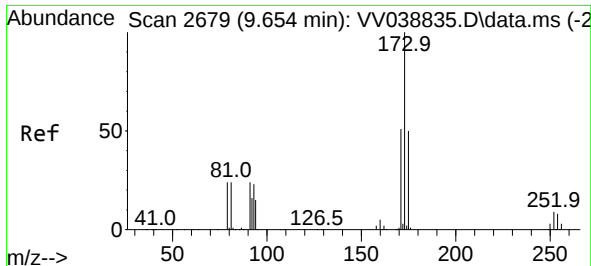
Tgt Ion:106 Resp: 3610
Ion Ratio Lower Upper
106 100
91 207.6 107.6 322.8



#70
Styrene
Concen: 0.279 ug/l
RT: 9.519 min Scan# 2637
Delta R.T. 0.035 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:104 Resp: 4060
Ion Ratio Lower Upper
104 100
78 33.9 39.9 59.9#
103 25.3 43.4 65.0#

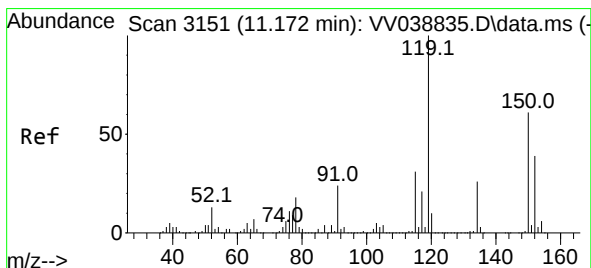
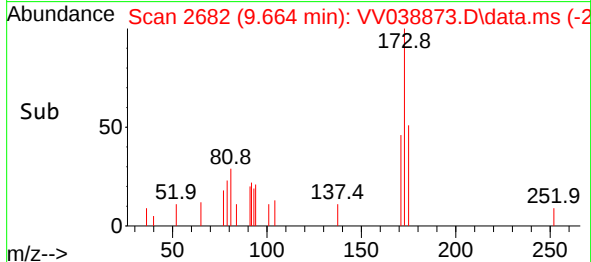
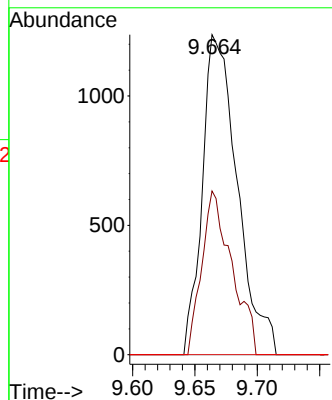
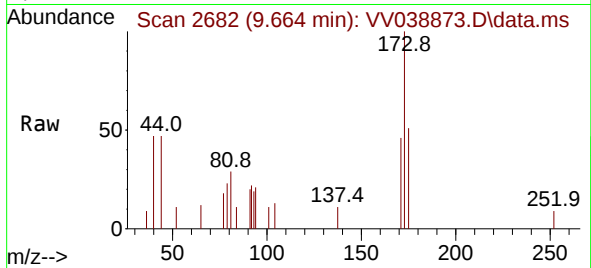




#71
Bromoform
Concen: 0.548 ug/l
RT: 9.664 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

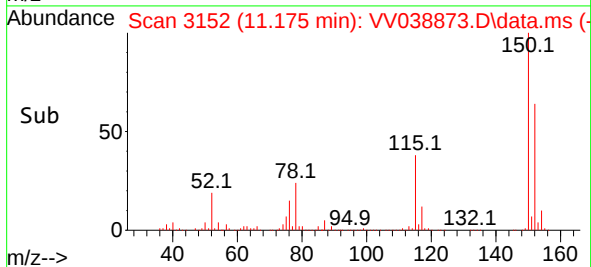
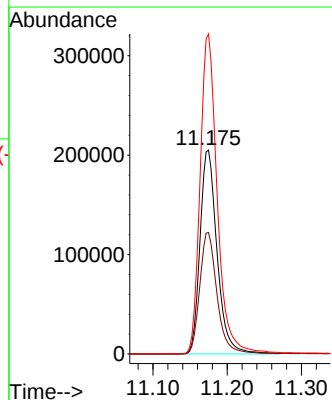
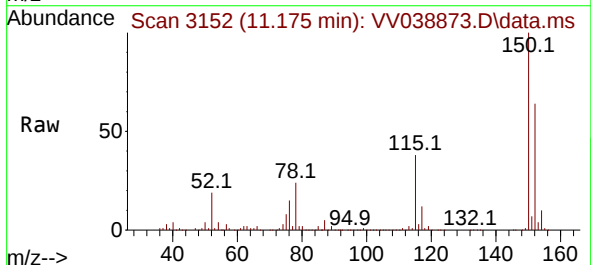
Instrument :
MSVOA_V
ClientSampleId :
MDL03

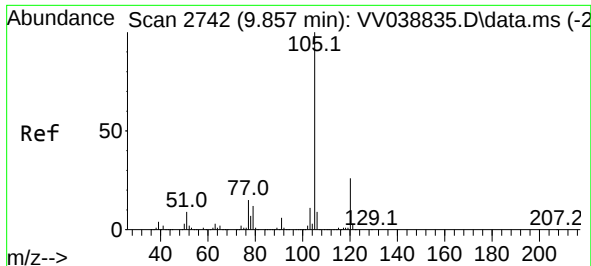
Tgt Ion:173 Resp: 2414
Ion Ratio Lower Upper
173 100
175 44.0 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:152 Resp: 329029
Ion Ratio Lower Upper
152 100
115 60.2 42.0 126.0
150 157.7 0.0 343.6

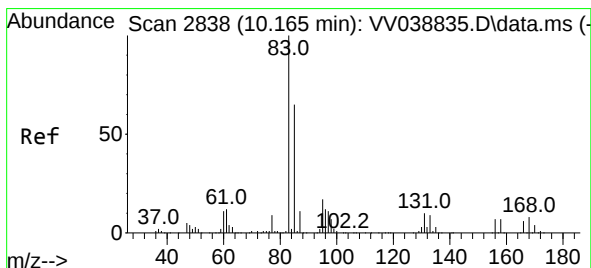
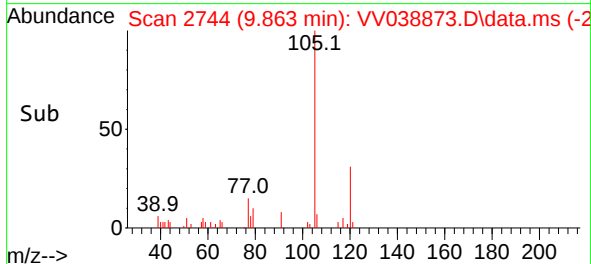
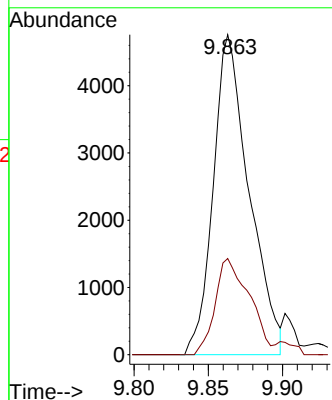
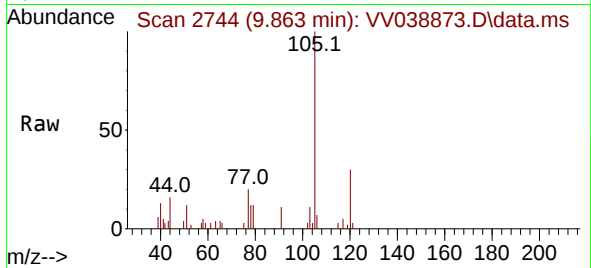




#73
Isopropylbenzene
Concen: 0.412 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

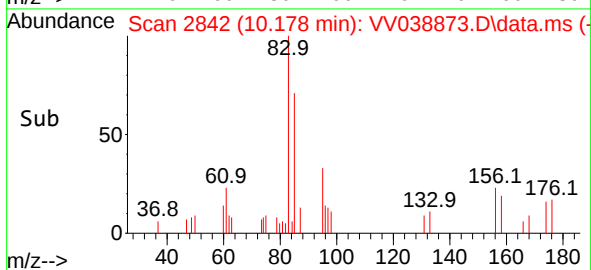
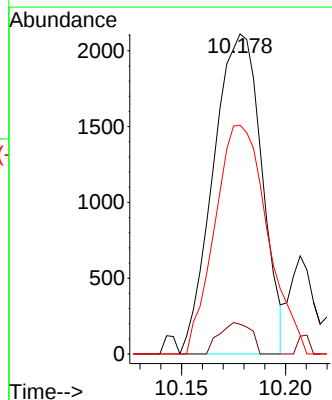
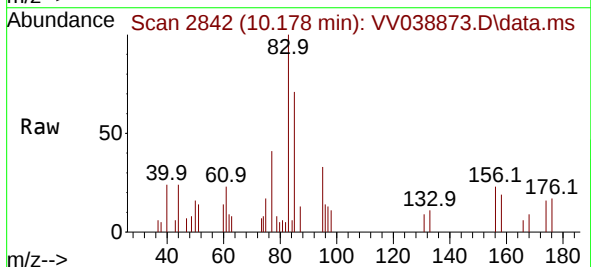
Instrument :
MSVOA_V
ClientSampleId :
MDL03

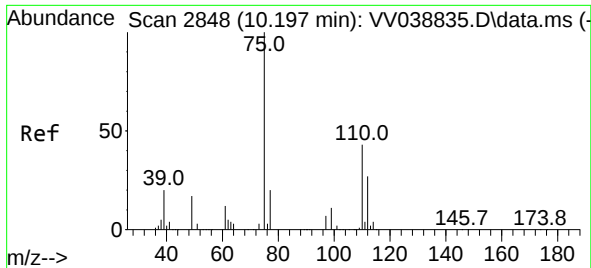
Tgt Ion:105 Resp: 7965
Ion Ratio Lower Upper
105 100
120 29.1 13.1 39.3



#75
1,1,2,2-Tetrachloroethane
Concen: 0.488 ug/l
RT: 10.178 min Scan# 2842
Delta R.T. 0.013 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 83 Resp: 3413
Ion Ratio Lower Upper
83 100
131 6.4 5.1 15.3
85 77.7 31.6 95.0

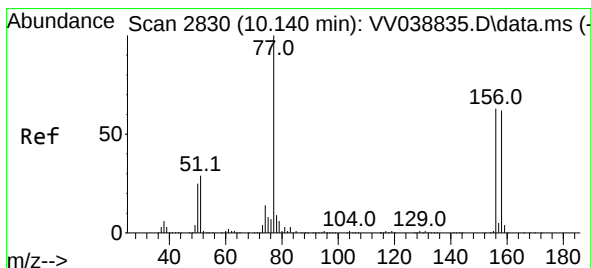
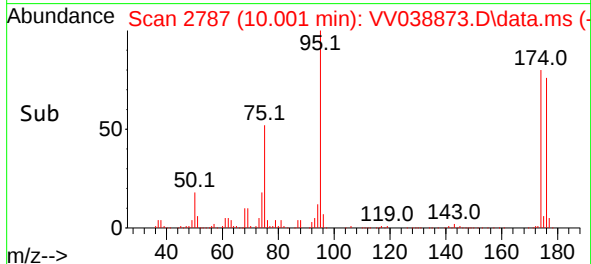
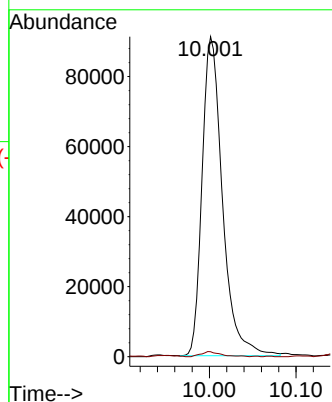
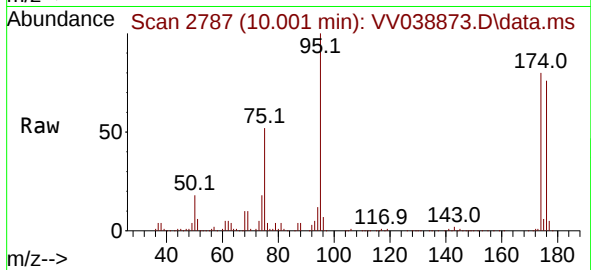




#76
1,2,3-Trichloropropane
Concen: 29.216 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

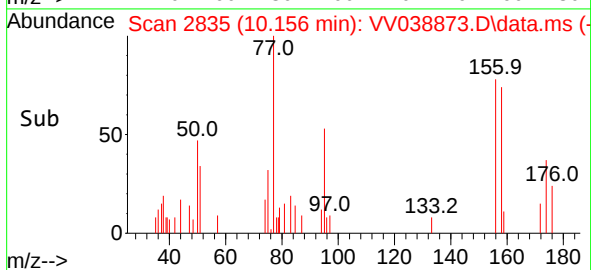
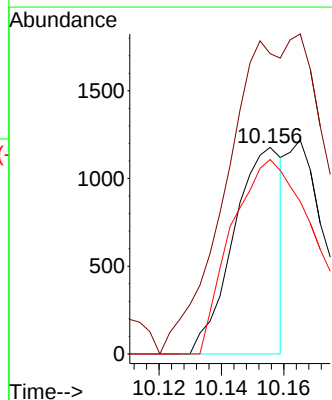
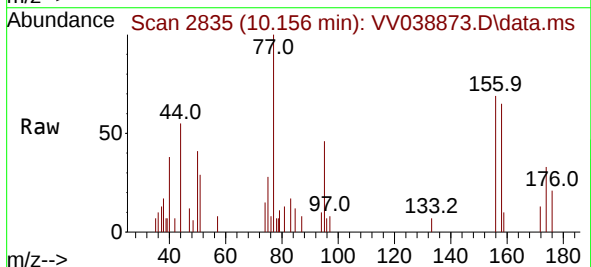
Instrument :
MSVOA_V
ClientSampleId :
MDL03

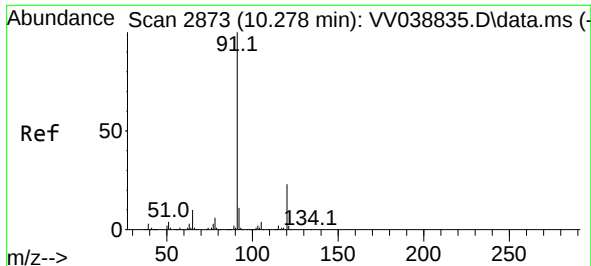
Tgt Ion: 75 Resp: 148732
Ion Ratio Lower Upper
75 100
77 1.5 11.7 35.1#



#77
Bromobenzene
Concen: 0.254 ug/l
RT: 10.156 min Scan# 2835
Delta R.T. 0.016 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:156 Resp: 1264
Ion Ratio Lower Upper
156 100
77 178.2 77.0 230.8
158 169.9 48.8 146.3#

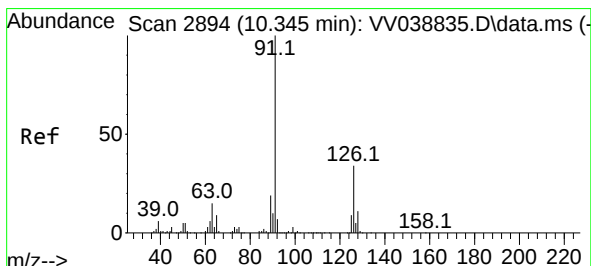
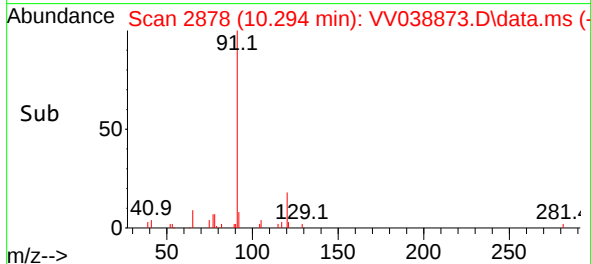
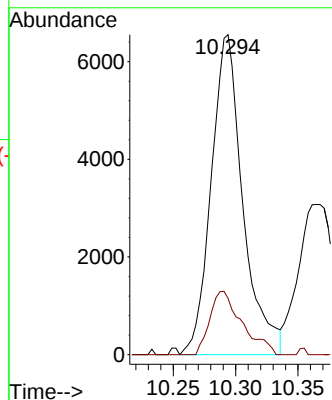
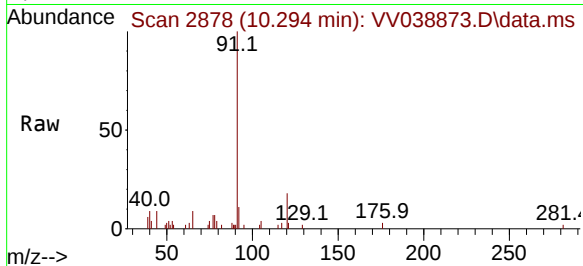




#78
n-propylbenzene
Concen: 0.504 ug/l
RT: 10.294 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

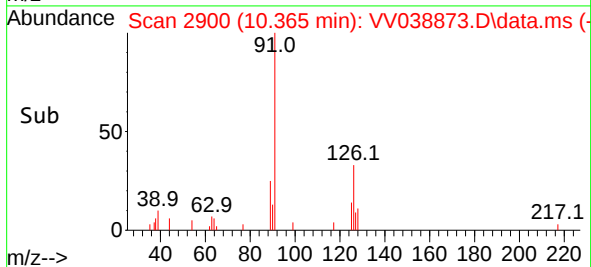
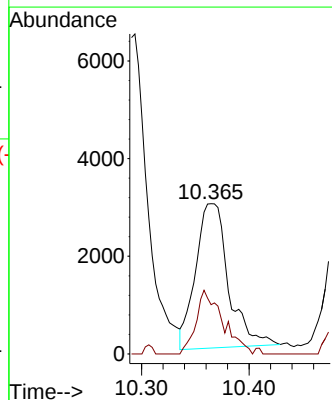
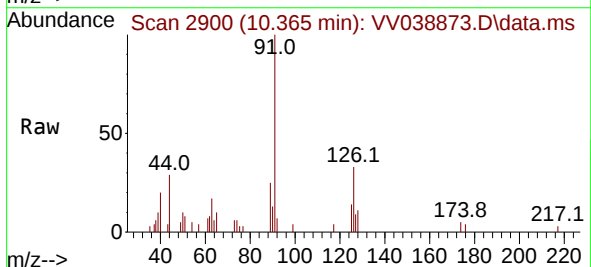
Instrument :
MSVOA_V
ClientSampleId :
MDL03

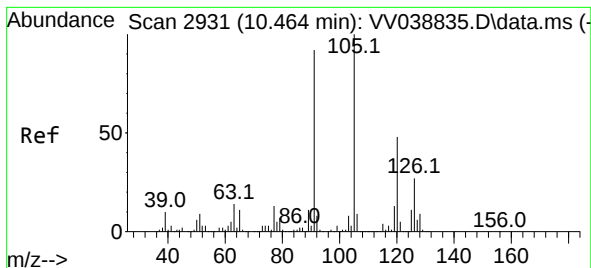
Tgt Ion: 91 Resp: 11590
Ion Ratio Lower Upper
91 100
120 20.1 11.7 35.0



#79
2-Chlorotoluene
Concen: 0.451 ug/l
RT: 10.365 min Scan# 2900
Delta R.T. 0.019 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 91 Resp: 6289
Ion Ratio Lower Upper
91 100
126 35.9 17.1 51.3





#80

1,3,5-Trimethylbenzene

Concen: 0.425 ug/l

RT: 10.474 min Scan# 2931

Delta R.T. 0.010 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

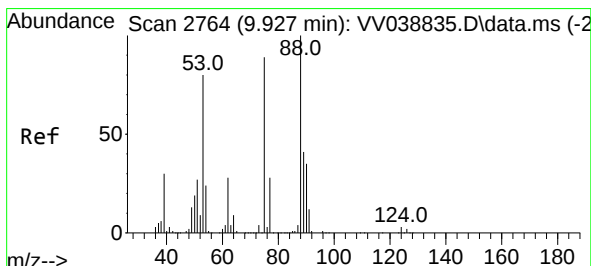
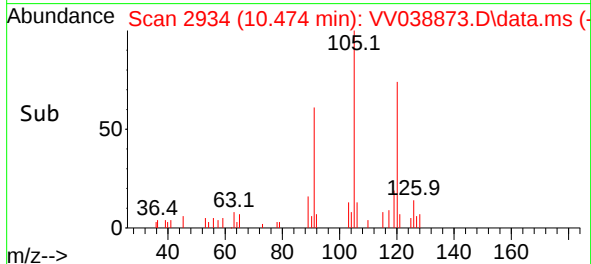
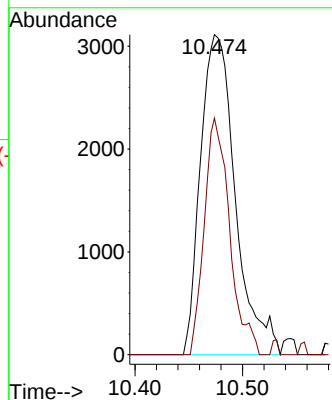
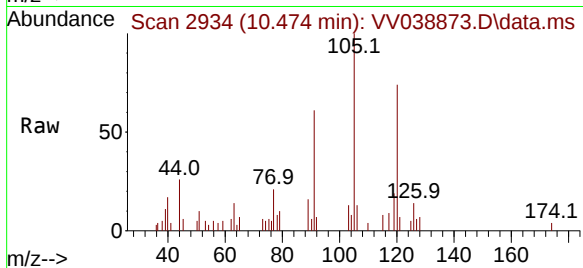
MDL03

Tgt Ion:105 Resp: 7013

Ion Ratio Lower Upper

105 100

120 53.8 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 62.189 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.074 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

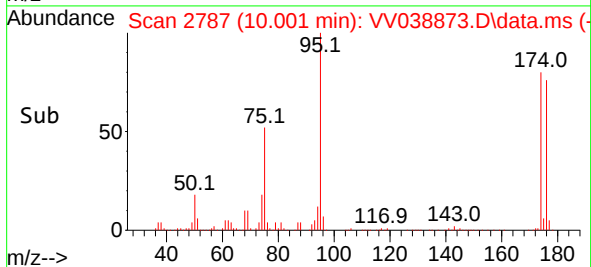
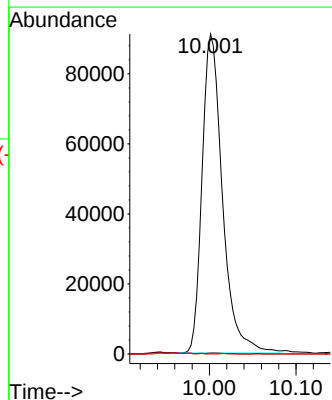
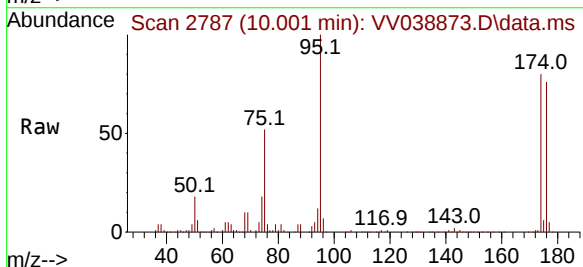
Tgt Ion: 75 Resp: 148732

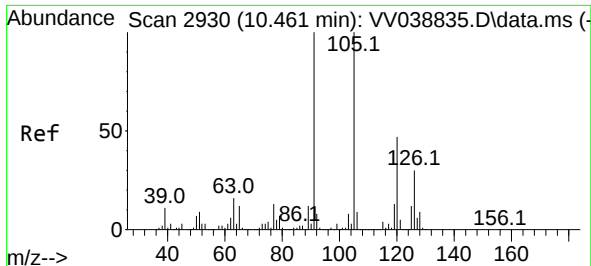
Ion Ratio Lower Upper

75 100

53 0.3 71.2 106.8#

89 0.0 44.6 66.8#

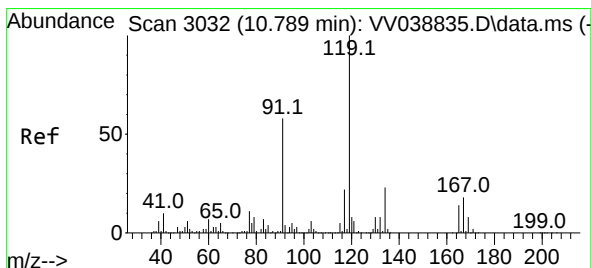
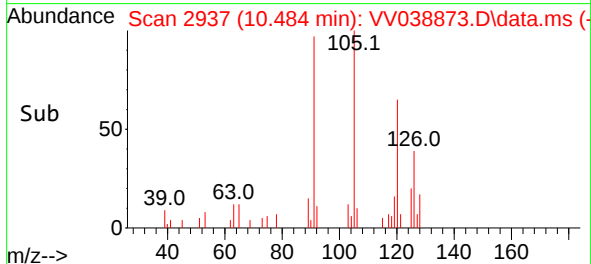
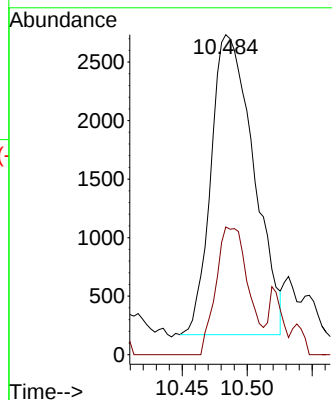
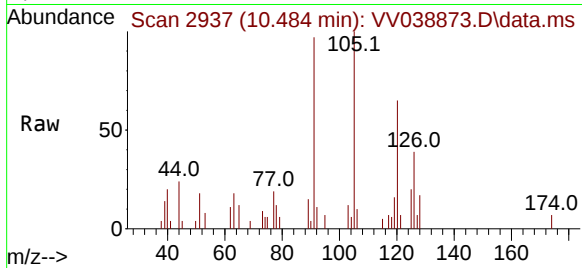




#82
4-Chlorotoluene
Concen: 0.364 ug/l
RT: 10.484 min Scan# 2937
Delta R.T. 0.022 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

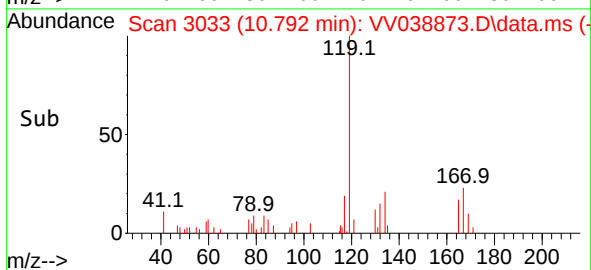
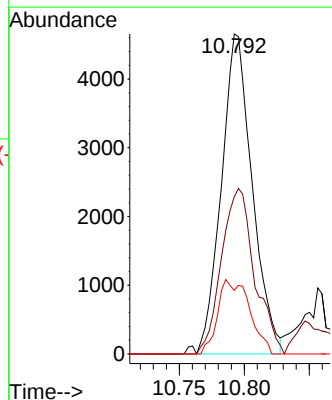
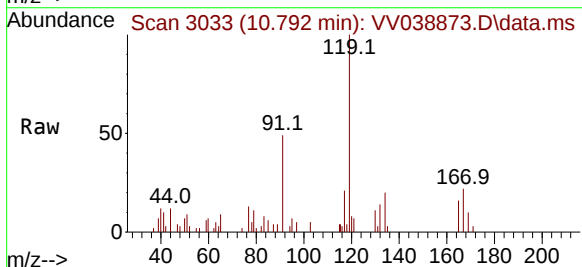
Instrument :
MSVOA_V
ClientSampleId :
MDL03

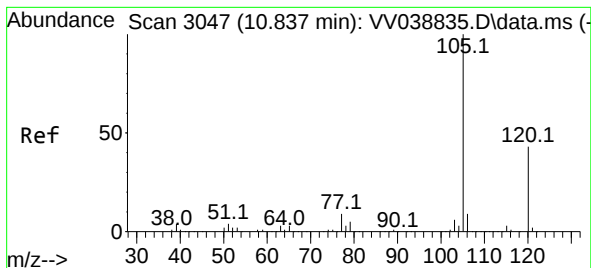
Tgt Ion: 91 Resp: 5856
Ion Ratio Lower Upper
91 100
126 32.1 14.8 44.3



#83
tert-Butylbenzene
Concen: 0.451 ug/l
RT: 10.792 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion: 119 Resp: 7722
Ion Ratio Lower Upper
119 100
91 55.1 28.5 85.5
134 23.9 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 0.387 ug/l

RT: 10.853 min Scan# 3047

Delta R.T. 0.016 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

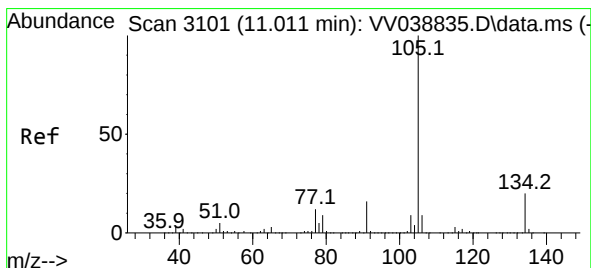
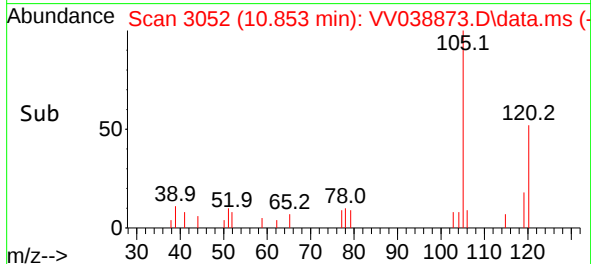
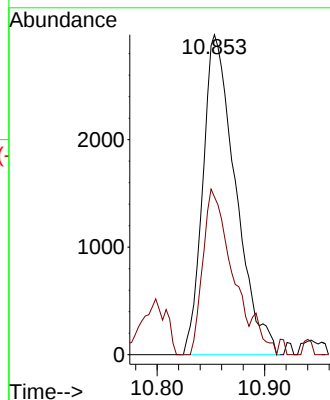
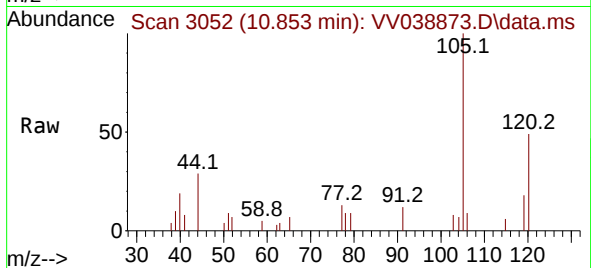
MDL03

Tgt Ion:105 Resp: 6268

Ion Ratio Lower Upper

105 100

120 44.3 22.7 68.0



#85

sec-Butylbenzene

Concen: 0.423 ug/l

RT: 11.017 min Scan# 3103

Delta R.T. 0.006 min

Lab File: VV038873.D

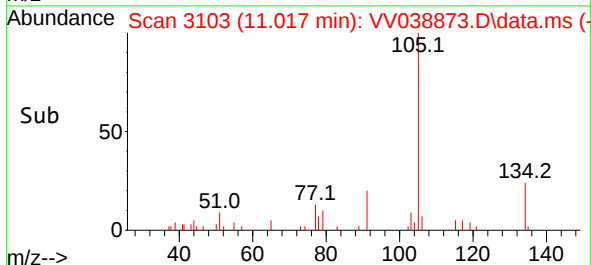
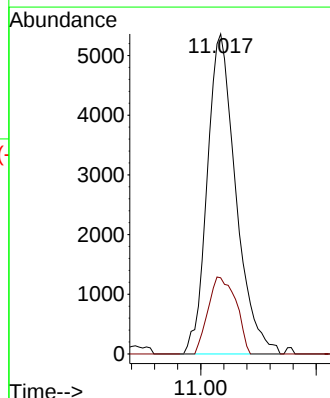
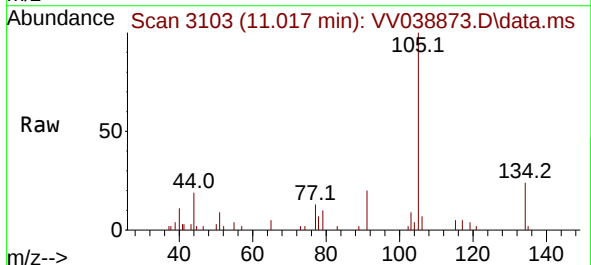
Acq: 07 Jul 2025 16:30

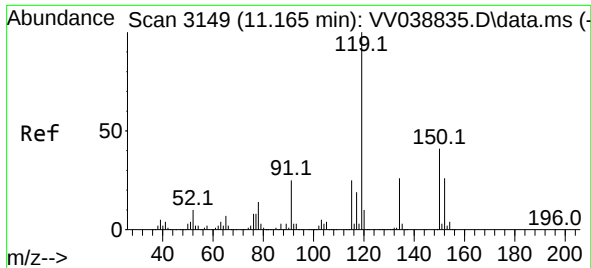
Tgt Ion:105 Resp: 9219

Ion Ratio Lower Upper

105 100

134 23.4 10.0 30.0

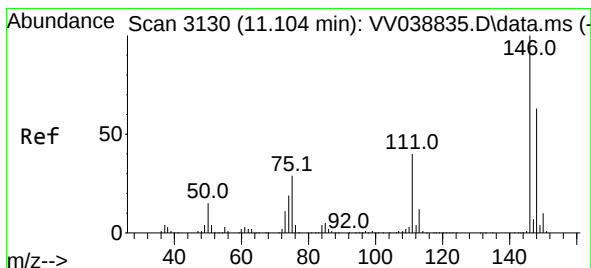
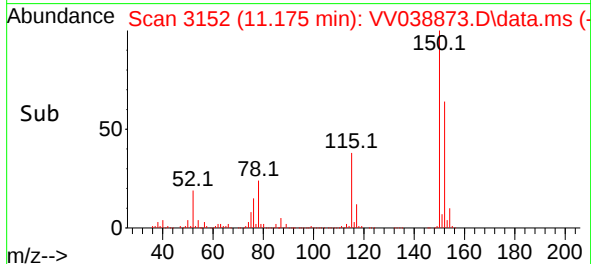
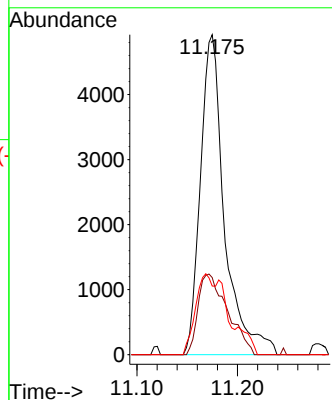
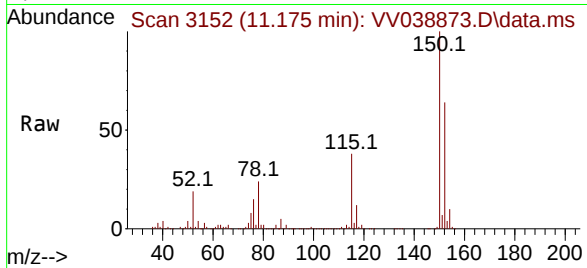




#86
 p-Isopropyltoluene
 Concen: 0.437 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.010 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

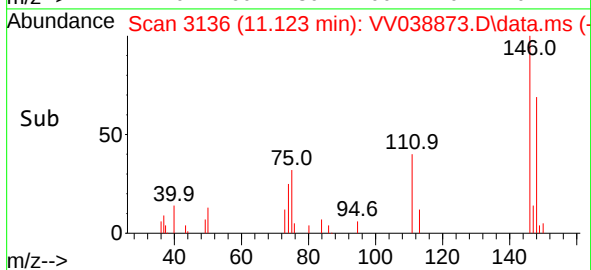
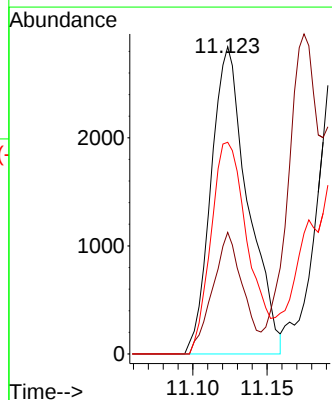
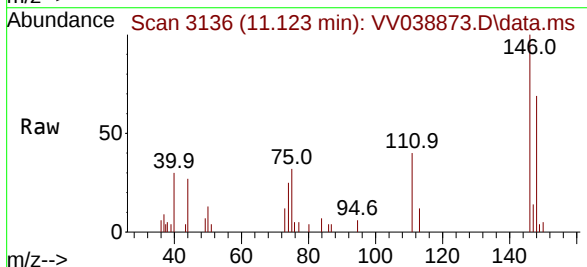
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

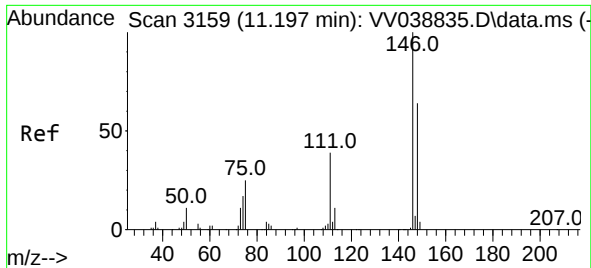
Tgt Ion:119 Resp: 8166
 Ion Ratio Lower Upper
 119 100
 134 30.9 13.0 39.0
 91 34.7 12.4 37.0



#87
 1,3-Dichlorobenzene
 Concen: 0.485 ug/l
 RT: 11.123 min Scan# 3136
 Delta R.T. 0.019 min
 Lab File: VV038873.D
 Acq: 07 Jul 2025 16:30

Tgt Ion:146 Resp: 4913
 Ion Ratio Lower Upper
 146 100
 111 32.7 20.2 60.6
 148 70.4 31.3 93.8

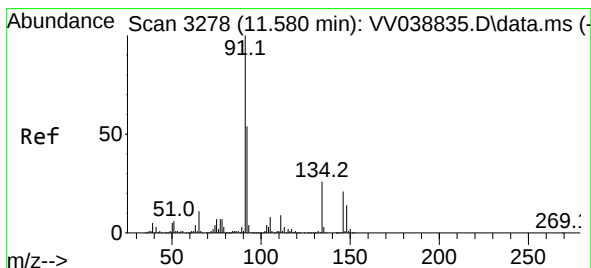
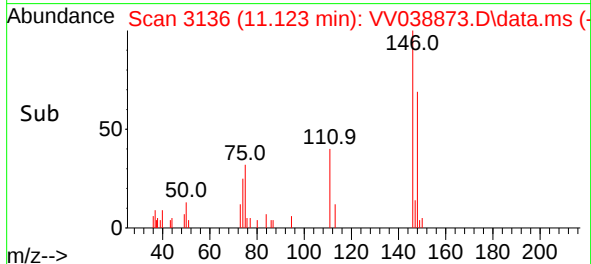
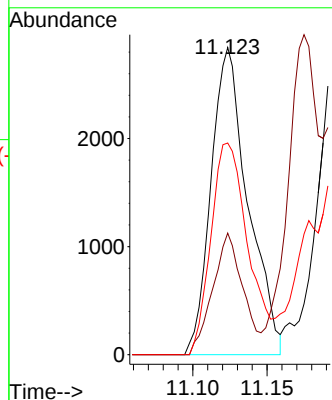
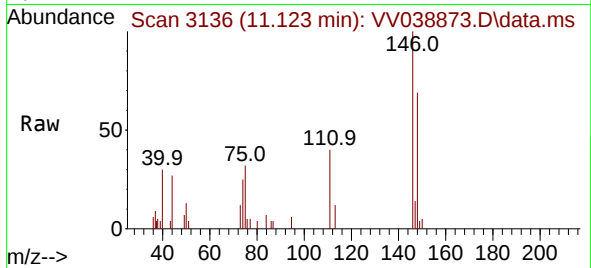




#88
1,4-Dichlorobenzene
Concen: 0.460 ug/l
RT: 11.123 min Scan# 3159
Delta R.T. -0.074 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

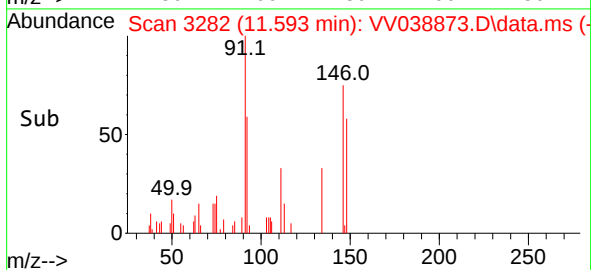
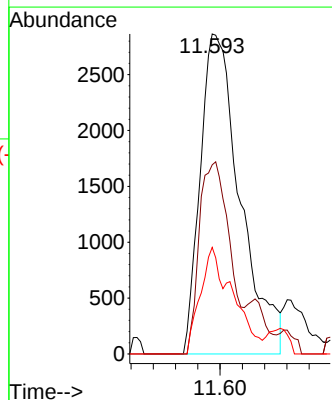
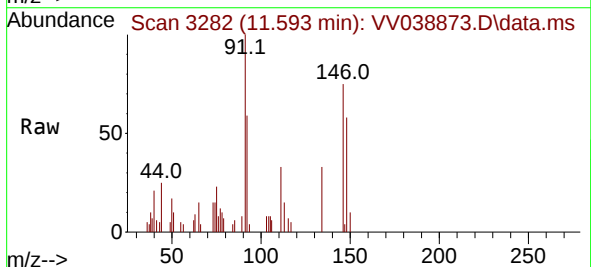
Instrument :
MSVOA_V
ClientSampleId :
MDL03

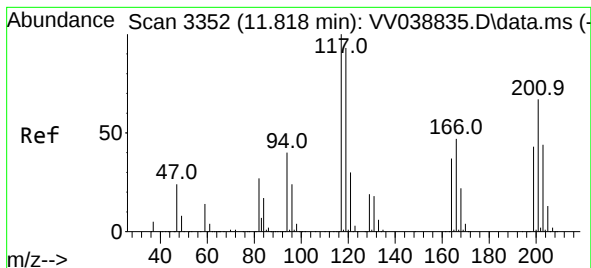
Tgt Ion:	146	Resp:	4913
Ion	Ratio	Lower	Upper
146	100		
111	32.7	19.8	59.3
148	70.4	32.0	96.2



#89
n-Butylbenzene
Concen: 0.411 ug/l
RT: 11.593 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VV038873.D
Acq: 07 Jul 2025 16:30

Tgt Ion:	91	Resp:	7120
Ion	Ratio	Lower	Upper
91	100		
92	45.8	26.7	80.0
134	27.5	12.9	38.7





#90

Hexachloroethane

Concen: 0.549 ug/l

RT: 11.824 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

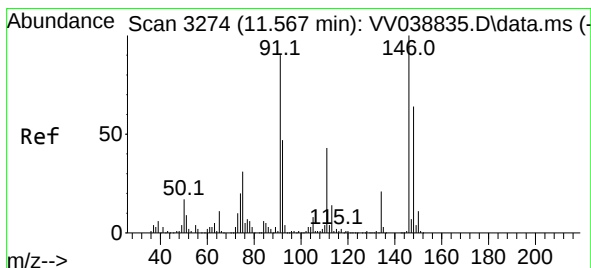
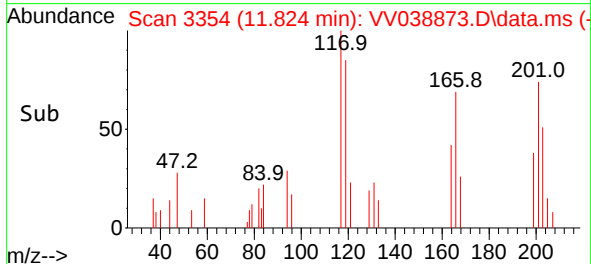
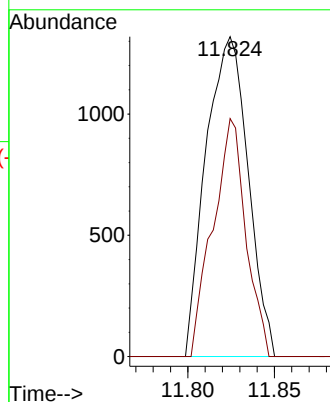
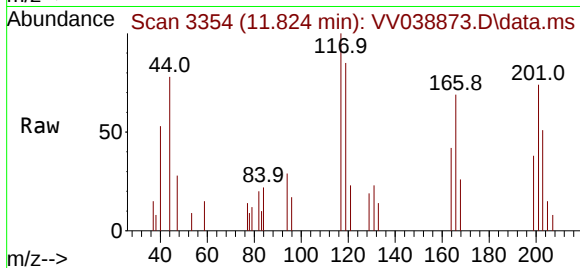
MDL03

Tgt Ion:117 Resp: 2229

Ion Ratio Lower Upper

117 100

201 58.3 34.4 103.1



#91

1,2-Dichlorobenzene

Concen: 0.516 ug/l

RT: 11.583 min Scan# 3279

Delta R.T. 0.016 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

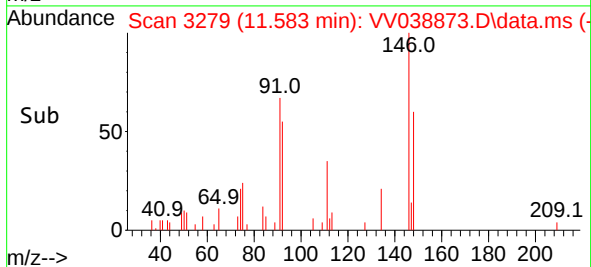
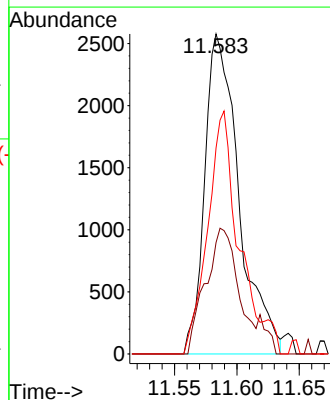
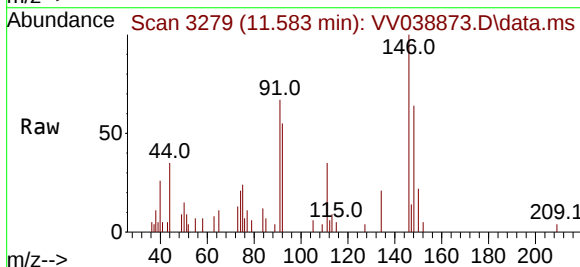
Tgt Ion:146 Resp: 4924

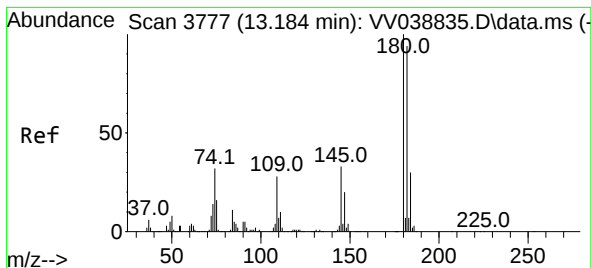
Ion Ratio Lower Upper

146 100

111 37.7 21.3 63.7

148 70.3 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 0.396 ug/l

RT: 13.201 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Instrument :

MSVOA_V

ClientSampleId :

MDL03

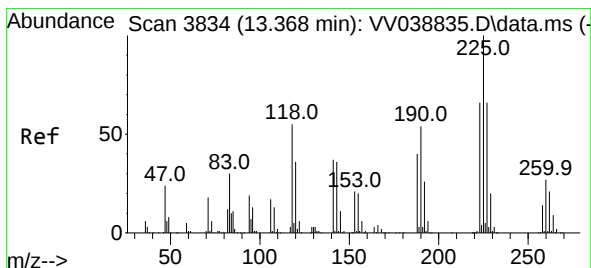
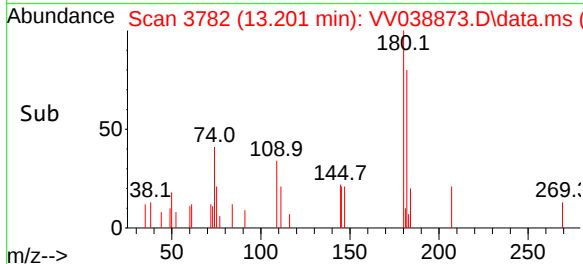
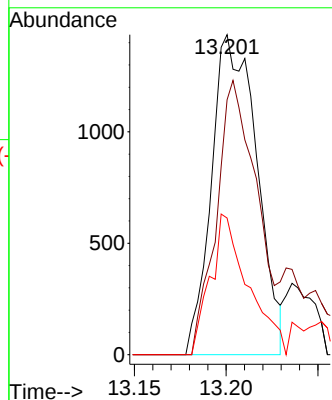
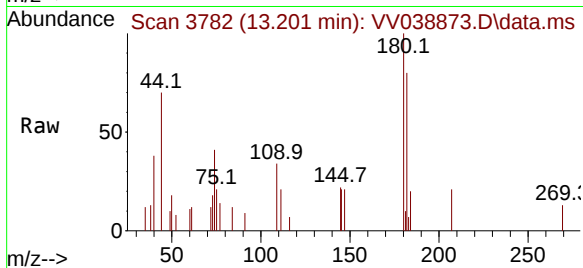
Tgt Ion:180 Resp: 2453

Ion Ratio Lower Upper

180 100

182 76.1 47.6 142.8

145 36.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 0.560 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

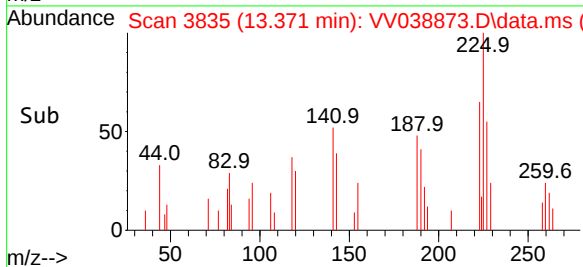
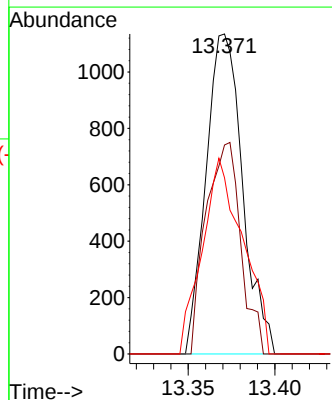
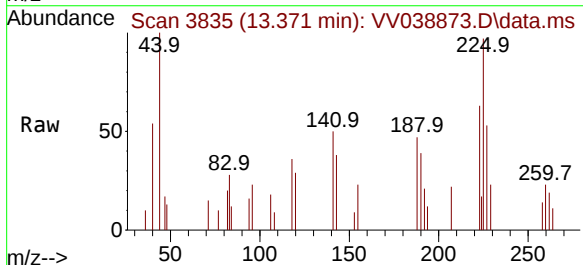
Tgt Ion:225 Resp: 1671

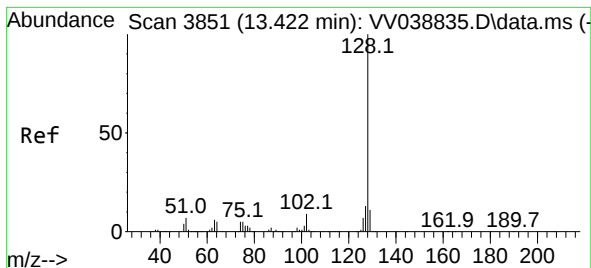
Ion Ratio Lower Upper

225 100

223 62.8 33.2 99.6

227 68.3 32.3 96.8





#95

Naphthalene

Concen: 0.357 ug/l

RT: 13.445 min Scan# 3930

Delta R.T. 0.022 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

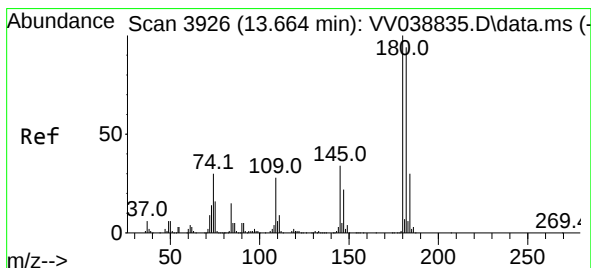
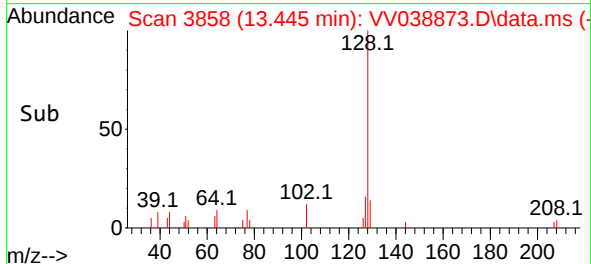
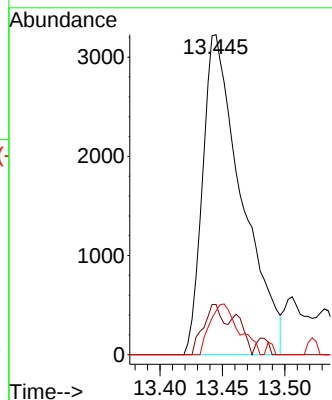
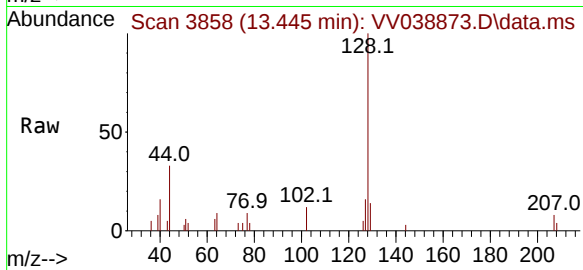
Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	128	Resp:	7035
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.2	15.4#
129	11.7	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.437 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV038873.D

Acq: 07 Jul 2025 16:30

Tgt Ion:	180	Resp:	2792
Ion	Ratio	Lower	Upper
180	100		
182	90.2	47.3	141.9
145	32.6	17.1	51.2

