

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048043.D
 Acq On : 07 Oct 2025 11:38
 Operator : JC/MD
 Sample : Q3278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 01:25:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	190887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	376118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	377293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	186931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	143407	47.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.373	113	119064	47.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.634	98	421940	48.342	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.061	95	184344	55.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.300%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	1117	3.301	ug/l #	72
13) Acrolein	2.343	56	11628	37.288	ug/l #	79
14) Allyl chloride	2.782	41	78032	16.674	ug/l #	68
15) Acrylonitrile	3.099	53	10714	8.548	ug/l #	42
16) Acetone	2.343	43	33928	25.681	ug/l #	56
17) Carbon Disulfide	2.520	76	3037	0.489	ug/l #	76
18) Methyl Acetate	2.782	43	179439	61.031	ug/l #	54
19) Methyl tert-butyl Ether	3.117	73	8875	1.072	ug/l #	1
20) Methylene Chloride	2.782	84	2453	0.877	ug/l #	1
25) 2-Butanone	4.434	43	4720	2.864	ug/l #	50
30) Chloroform	5.153	83	14062	2.887	ug/l #	37
31) Cyclohexane	5.464	56	44440	11.068	ug/l #	89
36) 1,1-Dichloropropene	5.537	75	16554	4.491	ug/l #	53
38) Carbon Tetrachloride	5.537	117	20655	5.158	ug/l #	19
39) Methylcyclohexane	7.366	83	42344	10.120	ug/l	88
40) Benzene	6.031	78	8330	0.744	ug/l	96
43) Isopropyl Acetate	6.348	43	6212	0.960	ug/l #	64
45) 1,2-Dichloropropane	7.354	63	929	0.324	ug/l #	1
46) Dibromomethane	7.543	93	824	0.395	ug/l #	1
47) Bromodichloromethane	7.757	83	3305	0.768	ug/l #	88
48) Methyl methacrylate	7.647	41	9648	2.992	ug/l #	53
51) 4-Methyl-2-Pentanone	8.598	43	2875	0.801	ug/l #	37
52) Toluene	8.702	92	2463	0.357	ug/l	92
55) 1,1,2-Trichloroethane	9.086	97	17941	6.746	ug/l #	18
56) Ethyl methacrylate	9.086	69	5345	1.280	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.244	63	19	7.902	ug/l #	47
59) 2-Hexanone	9.226	43	896	0.348	ug/l	84
65) Chlorobenzene	10.061	112	19904	2.322	ug/l	99
67) Ethyl Benzene	10.177	91	96123	6.500	ug/l	99
68) m/p-Xylenes	10.287	106	4182	0.760	ug/l	80
73) Isopropylbenzene	10.945	105	67480	4.748	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	95074	25.120	ug/l #	40
78) n-propylbenzene	11.286	91	144810	8.620	ug/l	100
79) 2-Chlorotoluene	11.286	91	144810	14.073	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.384	105	6311	0.541	ug/l	74
81) trans-1,4-Dichloro-2-b...	11.061	75	95074	64.060	ug/l #	8

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

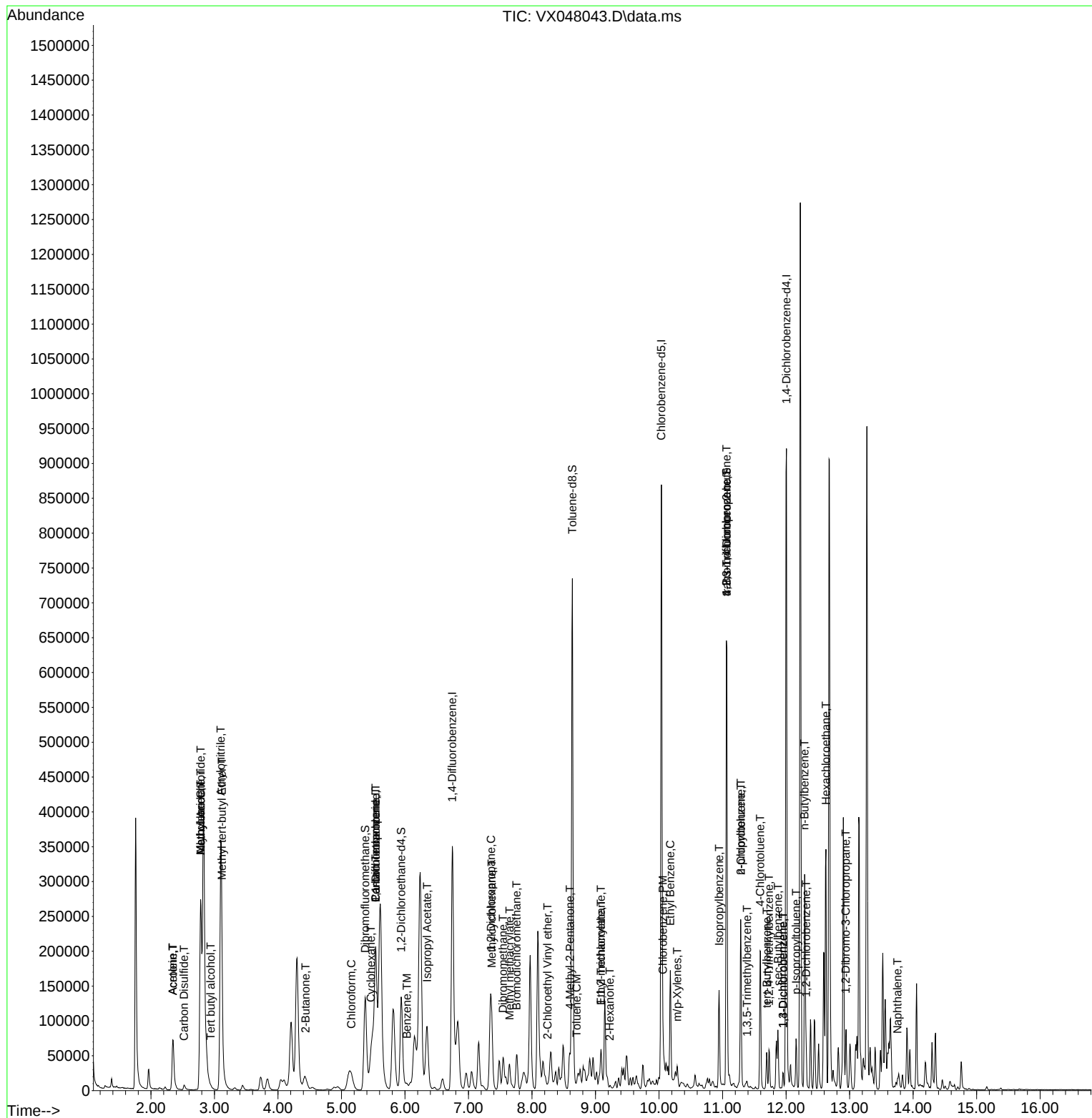
82) 4-Chlorotoluene	11.591	91	12444	1.024	ug/l #	46
83) tert-Butylbenzene	11.695	119	18424	1.541	ug/l	88
84) 1,2,4-Trimethylbenzene	11.731	105	24964	2.109	ug/l	100
85) sec-Butylbenzene	11.872	105	40701	2.867	ug/l	95
86) p-Isopropyltoluene	12.158	119	29619	2.464	ug/l	96
87) 1,3-Dichlorobenzene	11.951	146	1479	0.227	ug/l	93
88) 1,4-Dichlorobenzene	11.951	146	1479	0.222	ug/l	93
89) n-Butylbenzene	12.292	91	49527	4.453	ug/l #	43
90) Hexachloroethane	12.628	117	125586	59.512	ug/l #	16
91) 1,2-Dichlorobenzene	12.317	146	2247	0.363	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	357	0.410	ug/l #	5
95) Naphthalene	13.756	128	9974	0.814	ug/l #	86

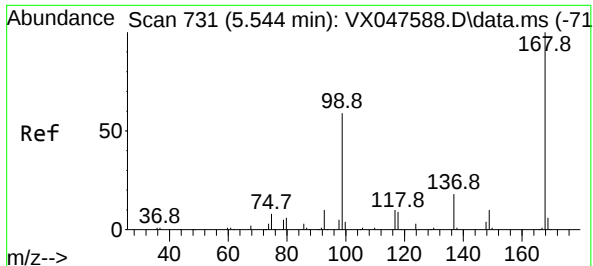
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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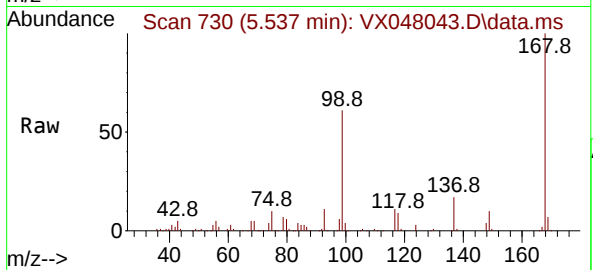
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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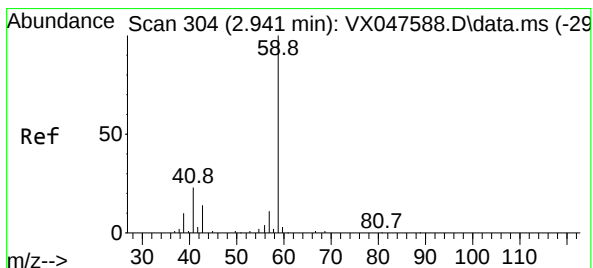
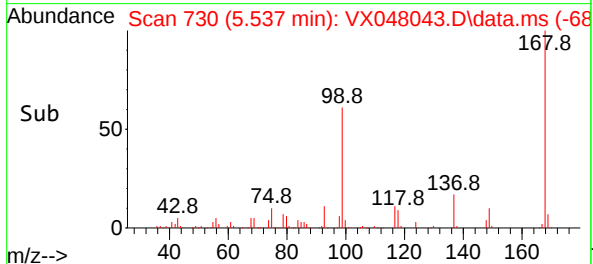
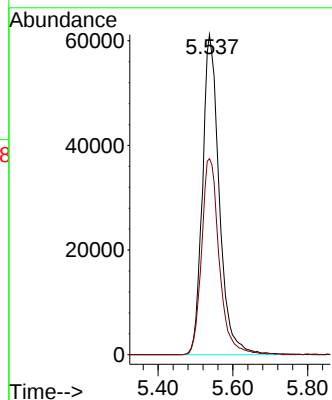


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

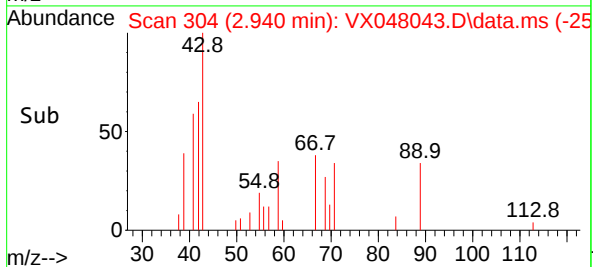
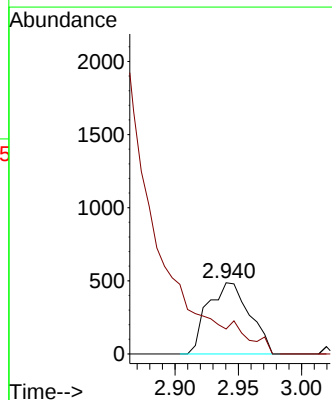
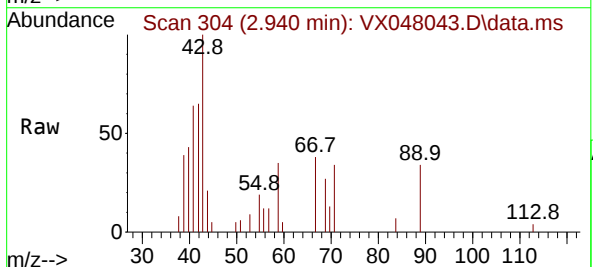


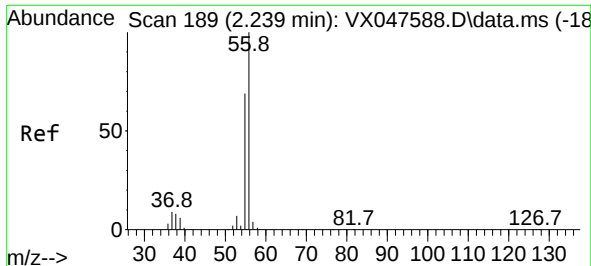
Tgt Ion:168 Resp: 190887
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.301 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 59 Resp: 1117
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

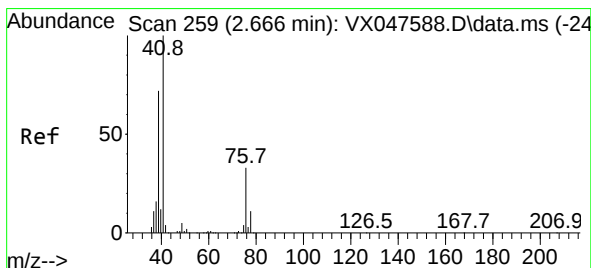
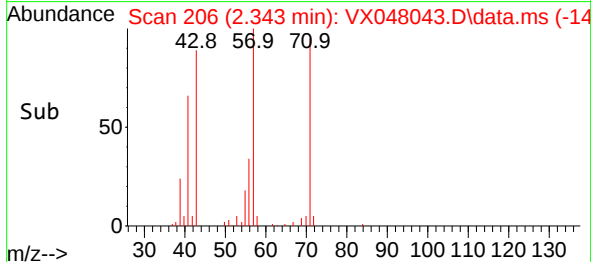
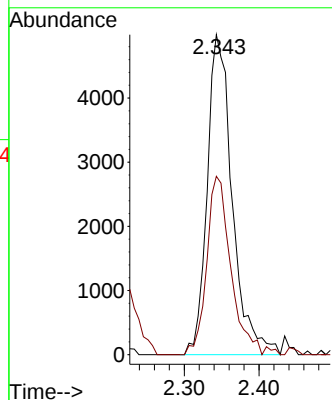
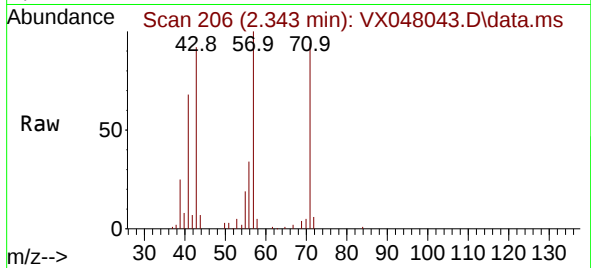




#13
Acrolein
Concen: 37.288 ug/l
RT: 2.343 min Scan# 20
Delta R.T. 0.103 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

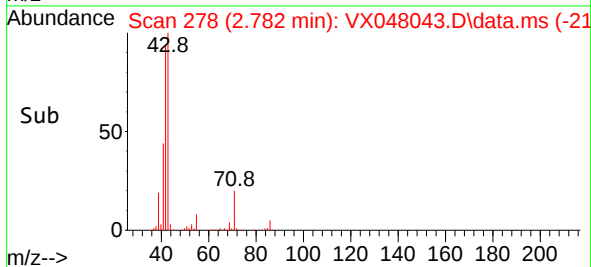
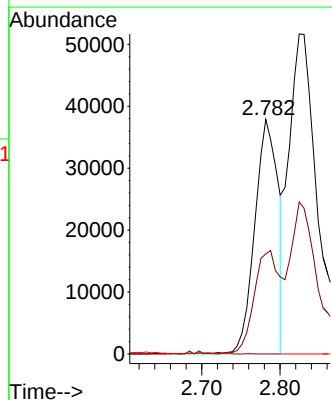
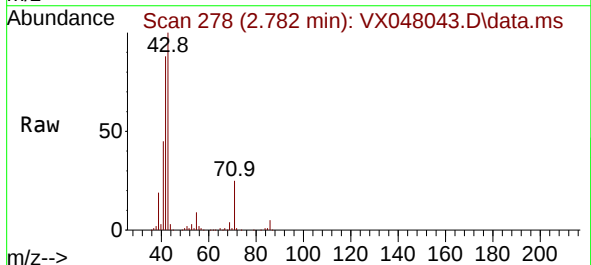
Instrument :
MSVOA_X
ClientSampleId :

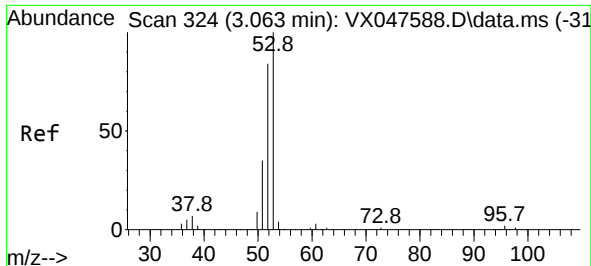
Tgt Ion: 56 Resp: 11628
Ion Ratio Lower Upper
56 100
55 54.0 57.2 85.8#



#14
Allyl chloride
Concen: 16.674 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.116 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 41 Resp: 78032
Ion Ratio Lower Upper
41 100
39 52.0 54.7 82.1#
76 0.0 25.7 38.5#





#15

Acrylonitrile

Concen: 8.548 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.036 min

Lab File: VX048043.D

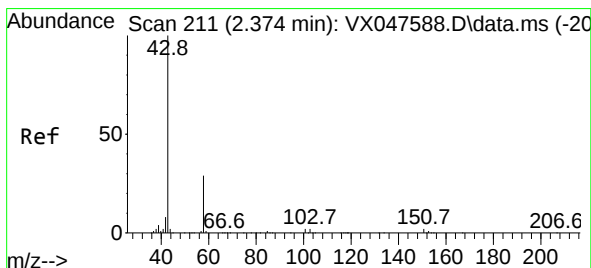
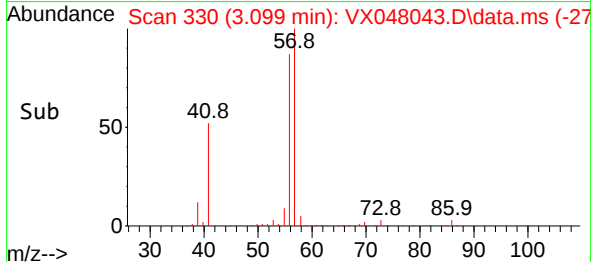
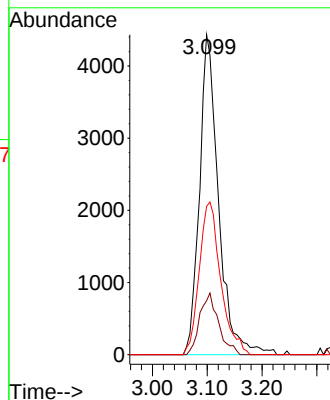
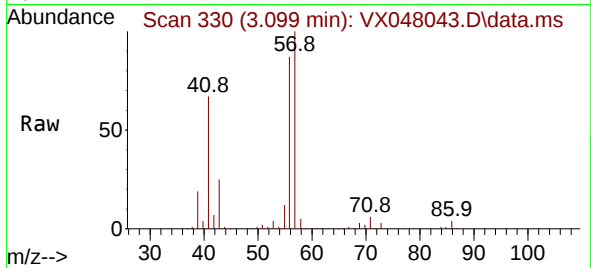
Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 53	Resp: 10714
Ion Ratio	Lower Upper
53 100	
52 19.0	66.4 99.6#
51 53.7	29.5 44.3#



#16

Acetone

Concen: 25.681 ug/l

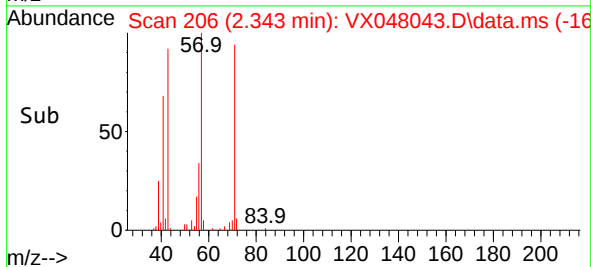
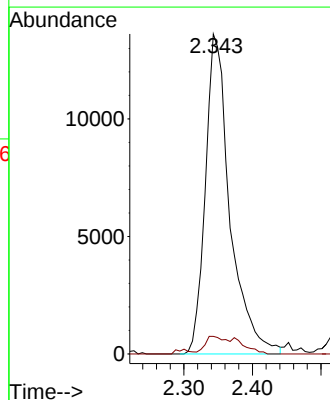
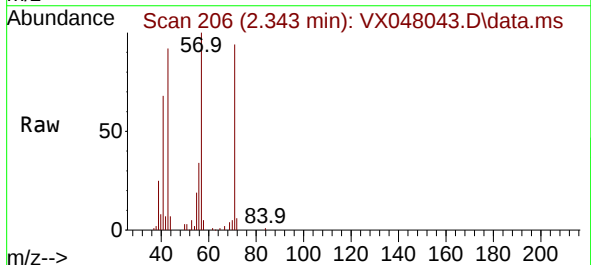
RT: 2.343 min Scan# 206

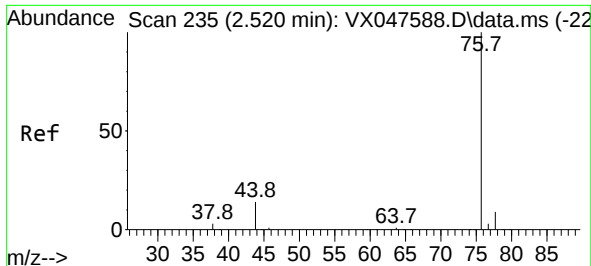
Delta R.T. -0.031 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

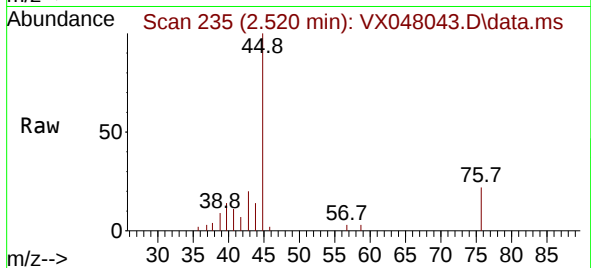
Tgt Ion: 43	Resp: 33928
Ion Ratio	Lower Upper
43 100	
58 5.5	23.4 35.0#



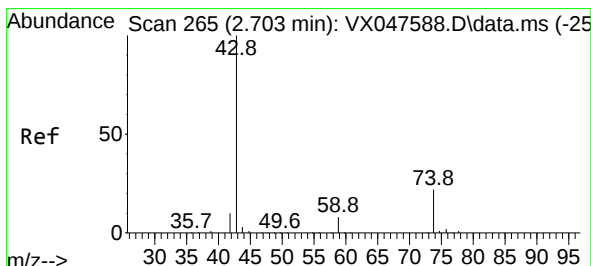
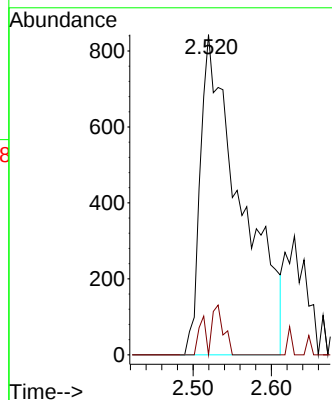
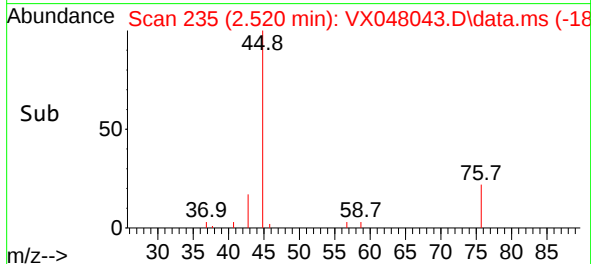


#17
Carbon Disulfide
Concen: 0.489 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

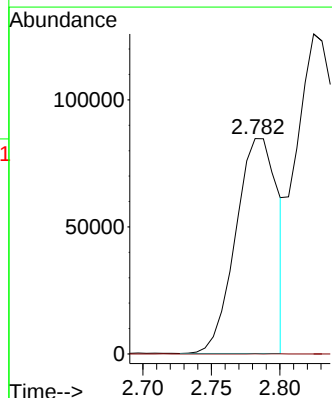
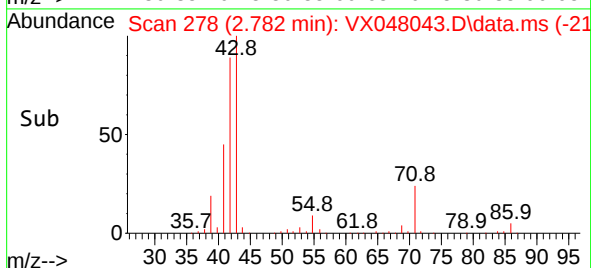
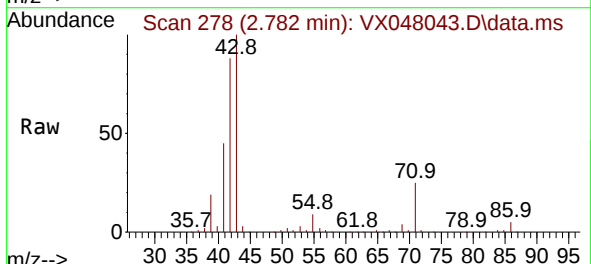


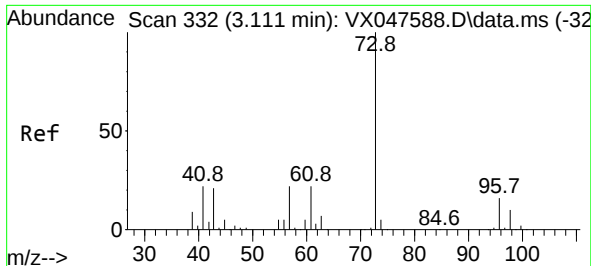
Tgt Ion: 76 Resp: 3037
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#18
Methyl Acetate
Concen: 61.031 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.079 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 43 Resp: 179439
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#19

Methyl tert-butyl Ether

Concen: 1.072 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

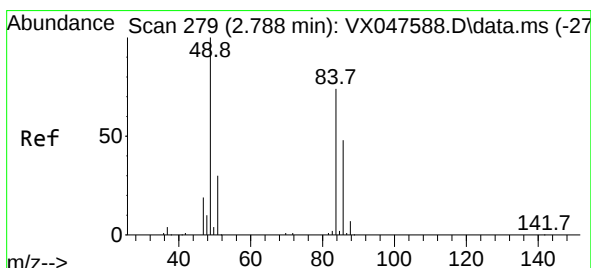
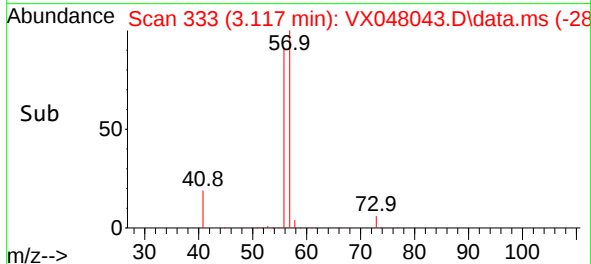
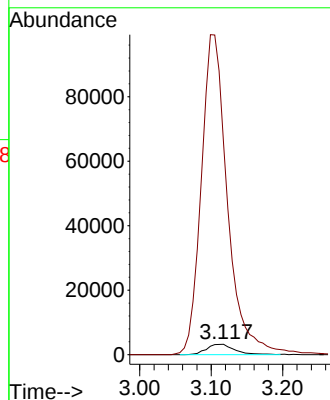
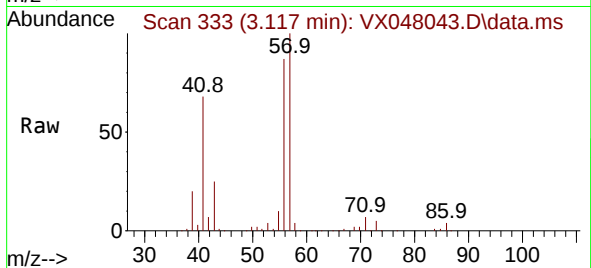
ClientSampleId :

Tgt Ion: 73 Resp: 8875

Ion Ratio Lower Upper

73 100

57 1994.6 17.4 26.2#



#20

Methylene Chloride

Concen: 0.877 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Tgt Ion: 84 Resp: 2453

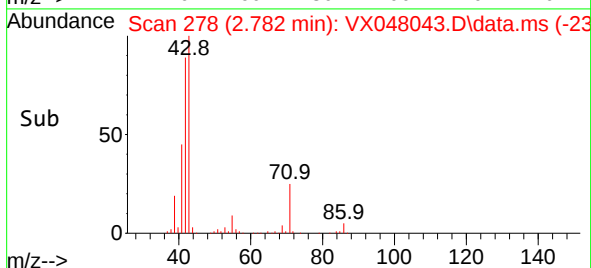
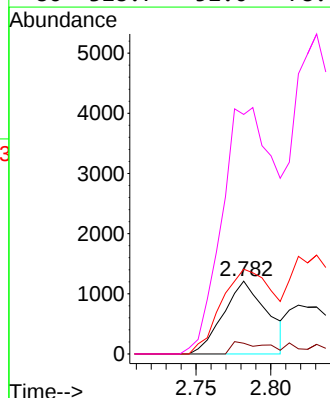
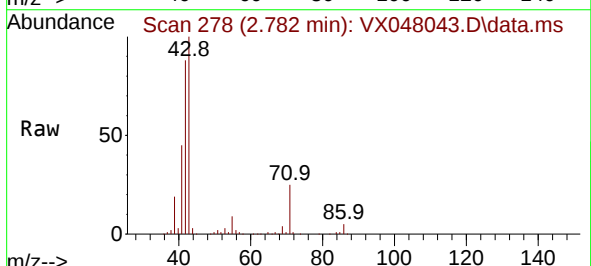
Ion Ratio Lower Upper

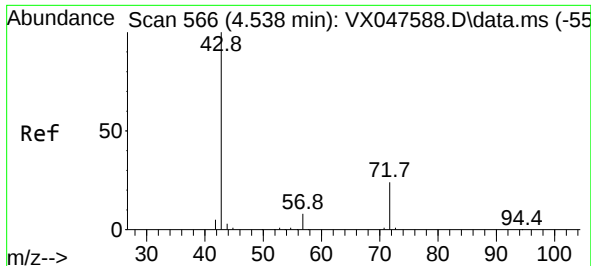
84 100

49 14.7 108.6 162.8#

51 116.3 32.6 48.8#

86 328.7 52.0 78.0#

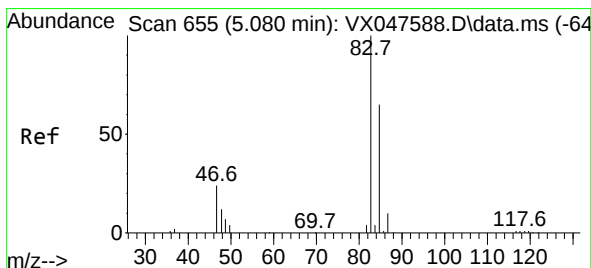
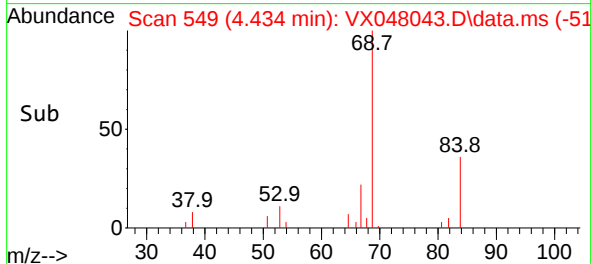
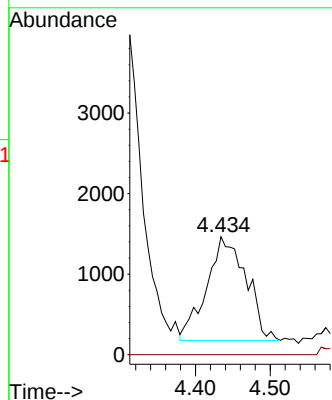
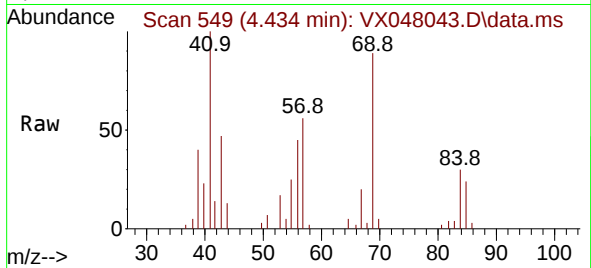




#25
2-Butanone
Concen: 2.864 ug/l
RT: 4.434 min Scan# 54
Delta R.T. -0.104 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

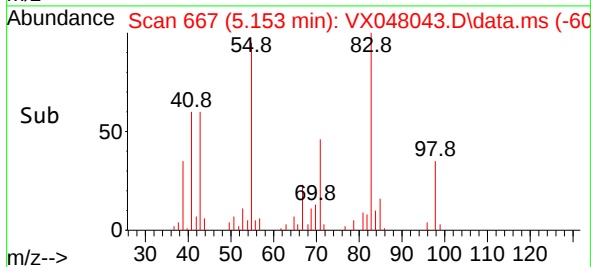
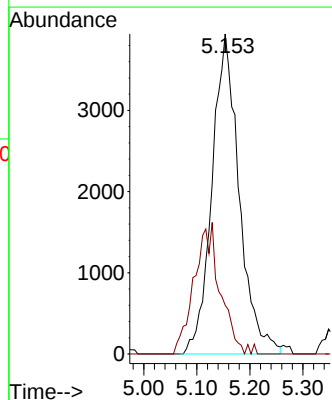
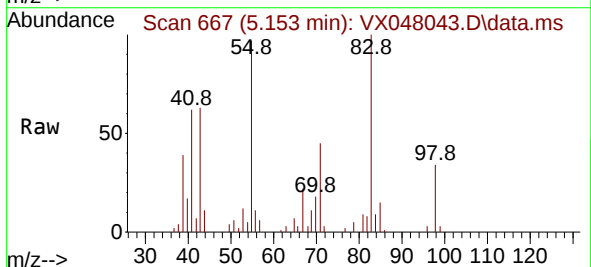
Instrument :
MSVOA_X
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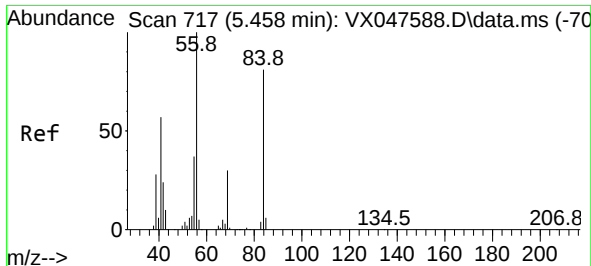
Tgt Ion: 43 Resp: 4720
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#



#30
Chloroform
Concen: 2.887 ug/l
RT: 5.153 min Scan# 667
Delta R.T. 0.073 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

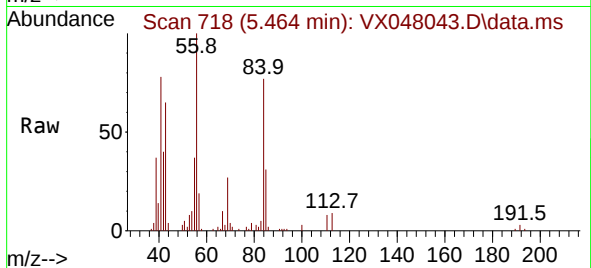
Tgt Ion: 83 Resp: 14062
Ion Ratio Lower Upper
83 100
85 15.2 51.8 77.6#



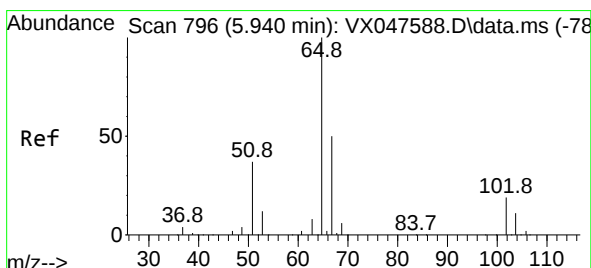
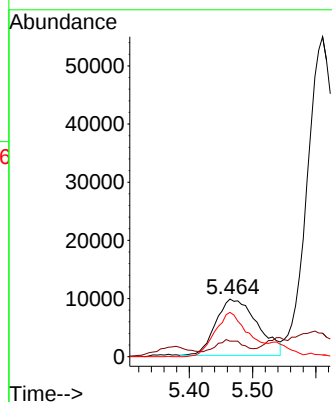
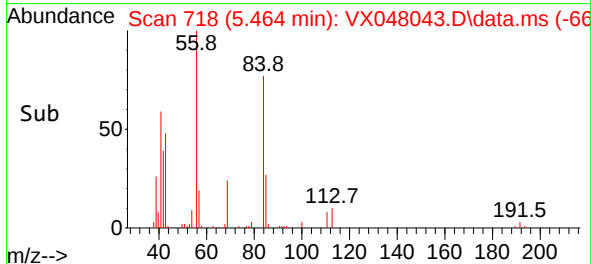


#31
Cyclohexane
Concen: 11.068 ug/l
RT: 5.464 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

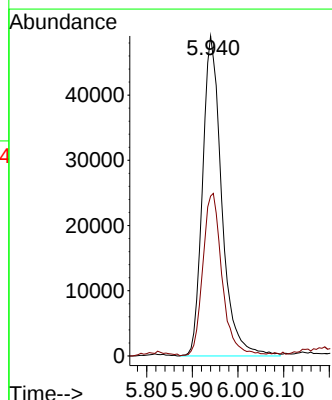
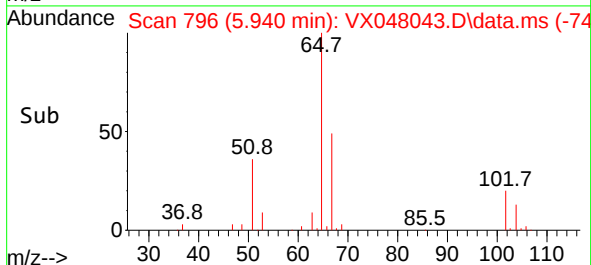
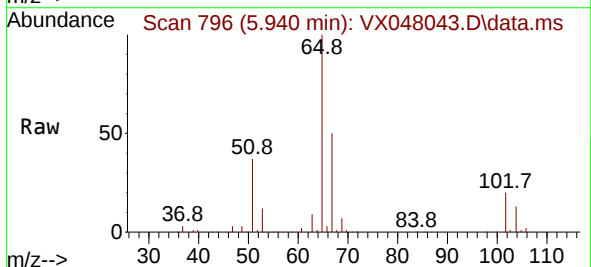


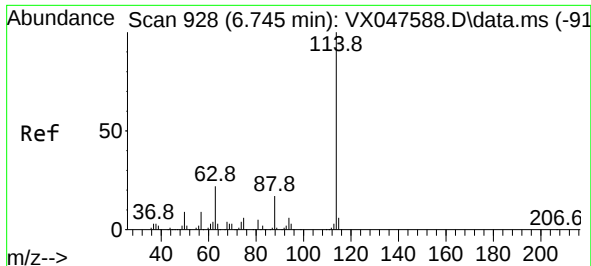
Tgt Ion: 56 Resp: 44440
Ion Ratio Lower Upper
56 100
69 10.9 23.8 35.8#
84 78.6 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 47.198 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

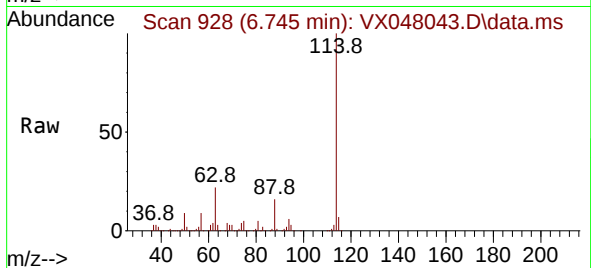
Tgt Ion: 65 Resp: 143407
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0



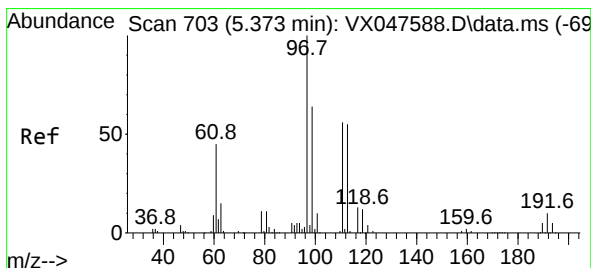
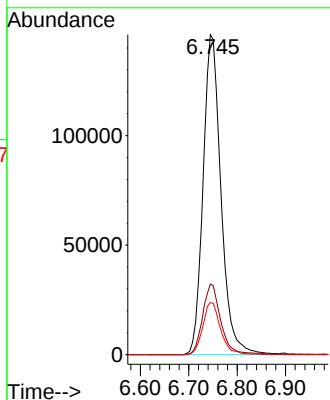
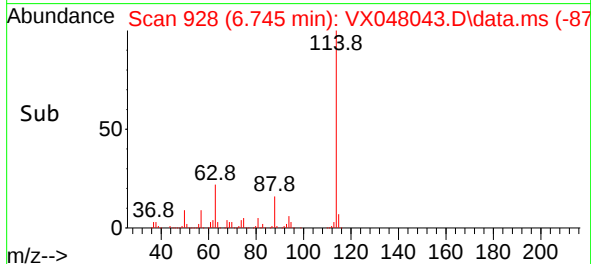


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

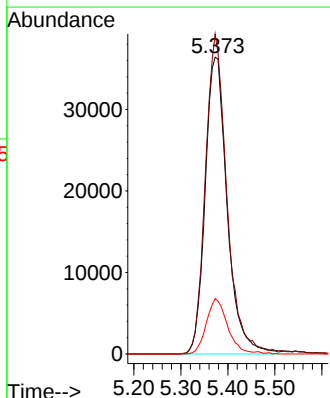
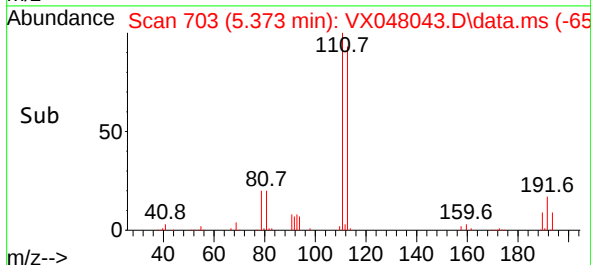
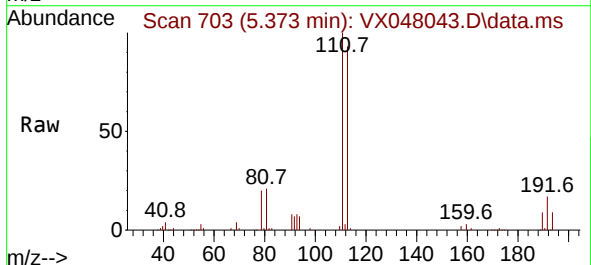


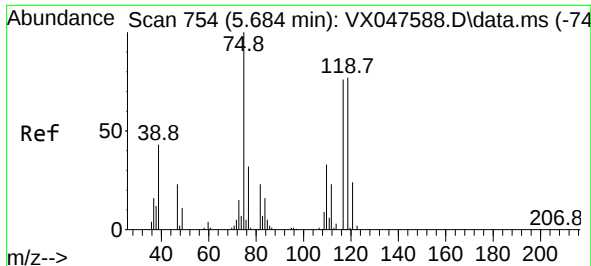
Tgt Ion:114 Resp: 376118
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

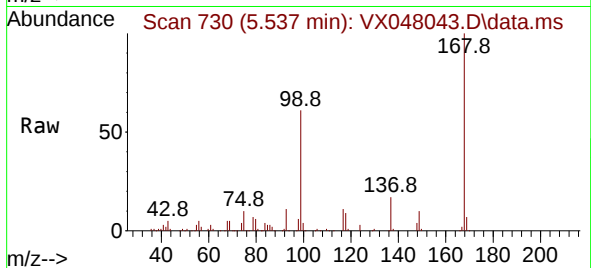
Tgt Ion:113 Resp: 119064
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.1 14.2 21.4



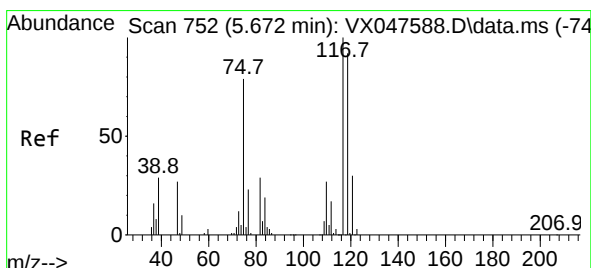
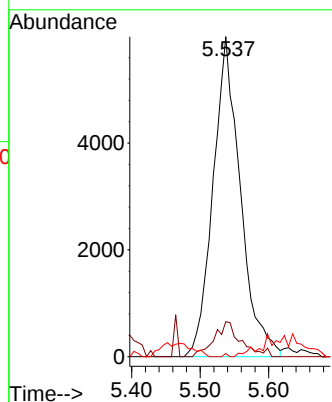
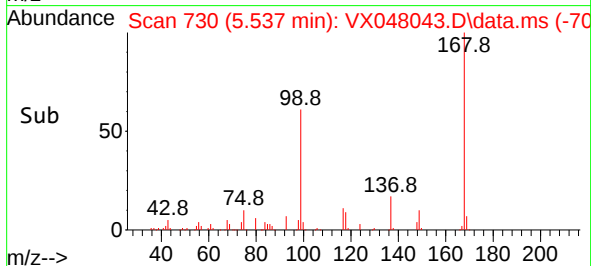


#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

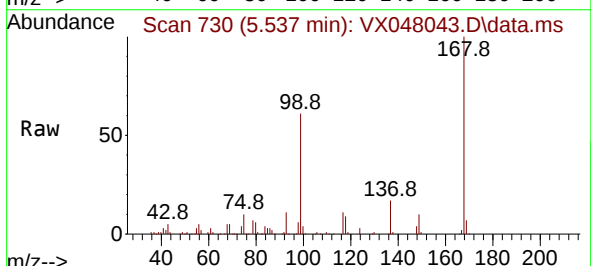
Instrument :
MSVOA_X
ClientSampleId :



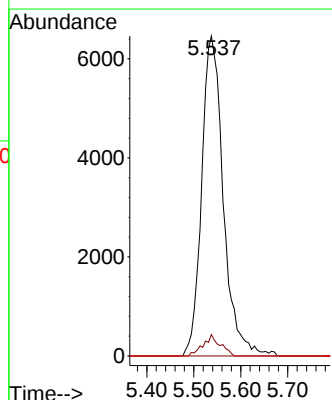
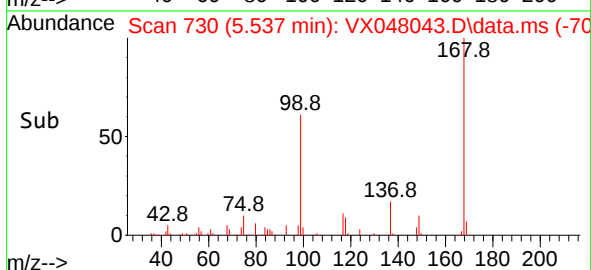
Tgt Ion: 75 Resp: 16554
Ion Ratio Lower Upper
75 100
110 10.6 16.7 50.1#
77 0.1 24.3 36.5#

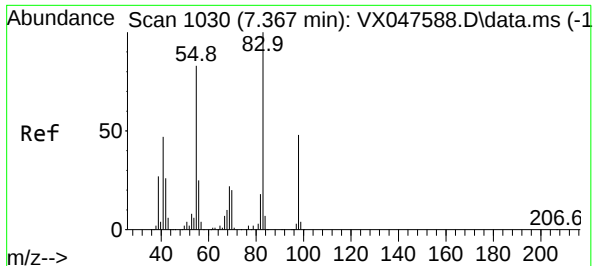


#38
Carbon Tetrachloride
Concen: 5.158 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38



Tgt Ion: 117 Resp: 20655
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 10.120 ug/l

RT: 7.366 min Scan# 1

Delta R.T. -0.000 min

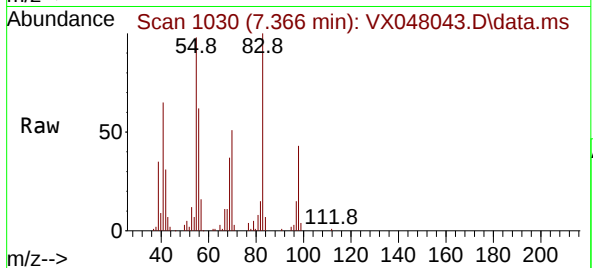
Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :



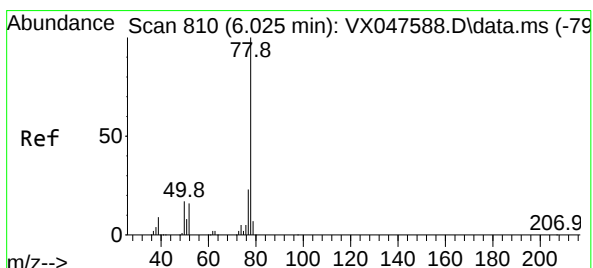
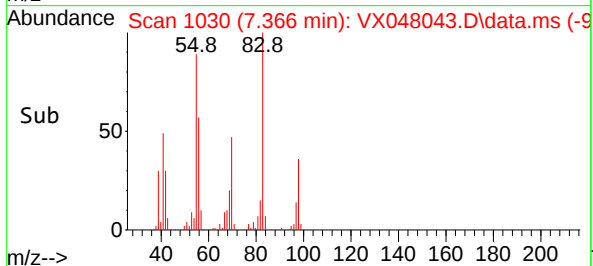
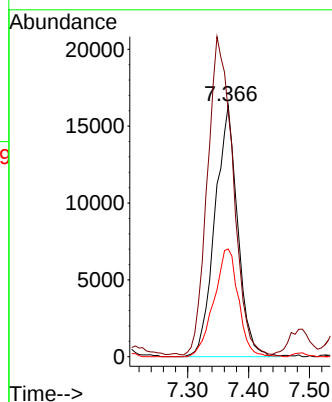
Tgt Ion: 83 Resp: 42344

Ion Ratio Lower Upper

83 100

55 96.7 66.4 99.6

98 42.9 38.1 57.1



#40

Benzene

Concen: 0.744 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX048043.D

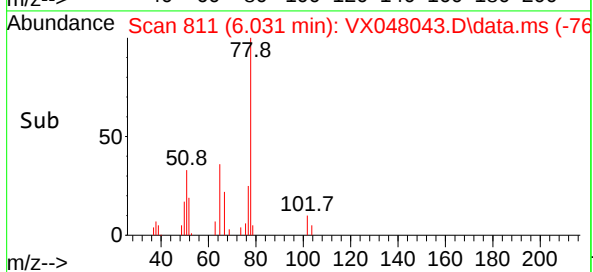
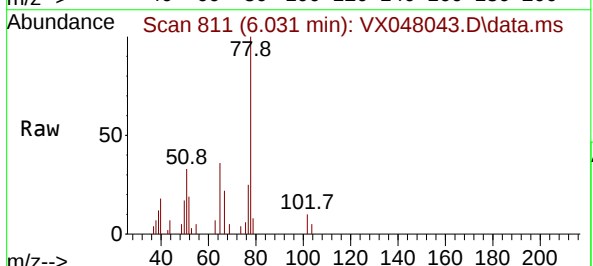
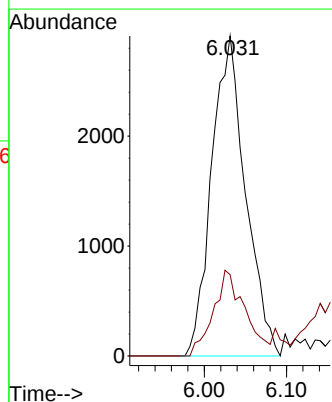
Acq: 07 Oct 2025 11:38

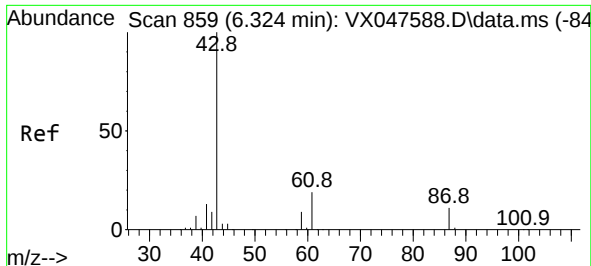
Tgt Ion: 78 Resp: 8330

Ion Ratio Lower Upper

78 100

77 25.4 18.8 28.2

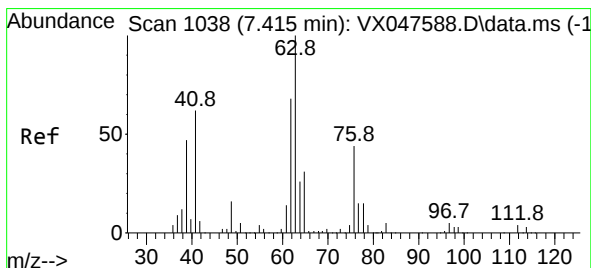
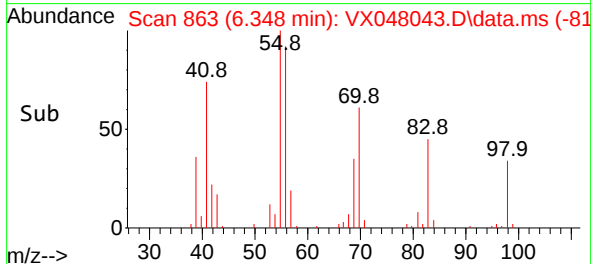
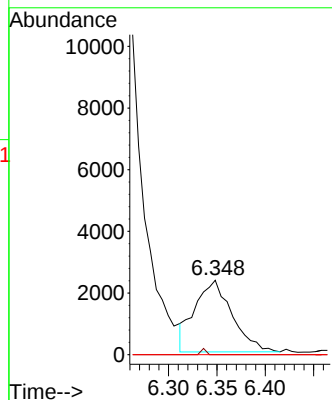
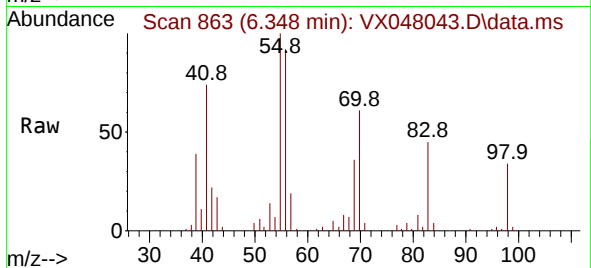




#43
Isopropyl Acetate
Concen: 0.960 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.024 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

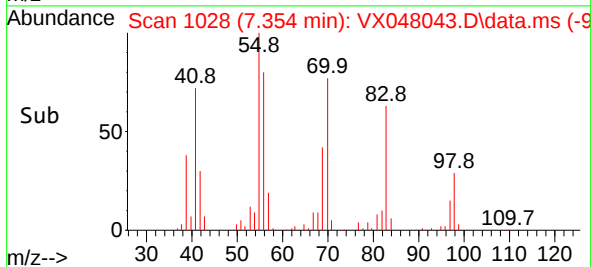
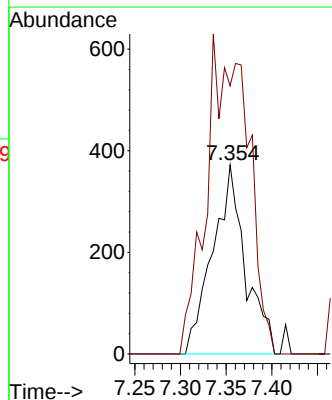
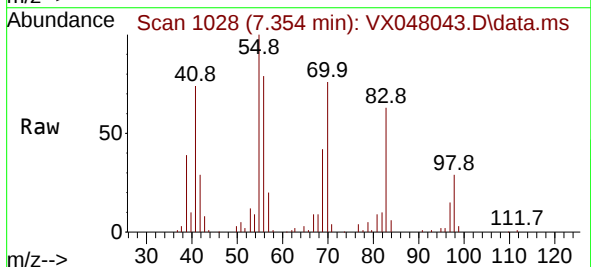
Instrument :
MSVOA_X
ClientSampleId :

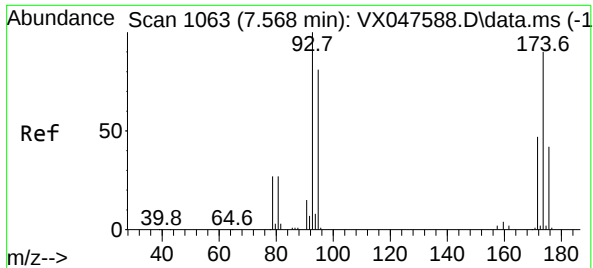
Tgt Ion: 43 Resp: 6212
Ion Ratio Lower Upper
43 100
61 1.2 15.2 22.8#
87 0.0 9.6 14.4#



#45
1,2-Dichloropropane
Concen: 0.324 ug/l
RT: 7.354 min Scan# 1028
Delta R.T. -0.061 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 63 Resp: 929
Ion Ratio Lower Upper
63 100
65 141.9 24.7 37.1#

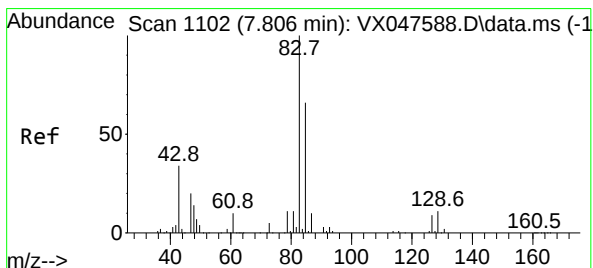
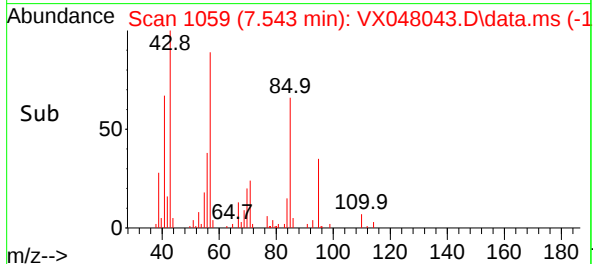
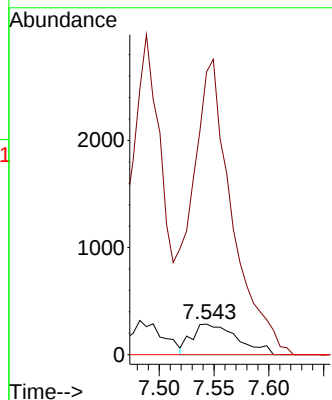
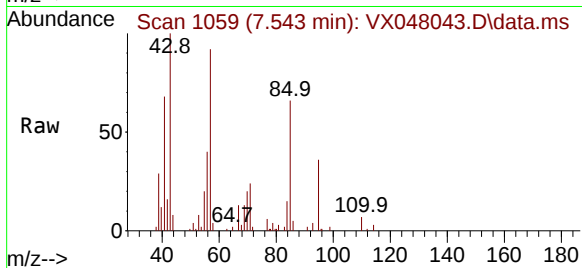




#46
Dibromomethane
Concen: 0.395 ug/l
RT: 7.543 min Scan# 1059
Delta R.T. -0.025 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

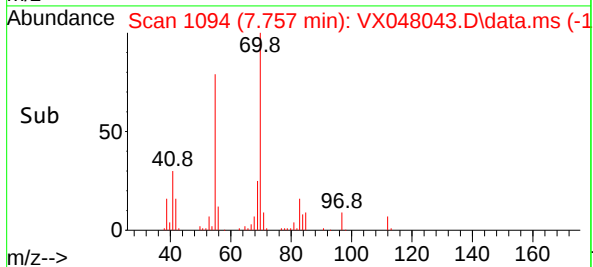
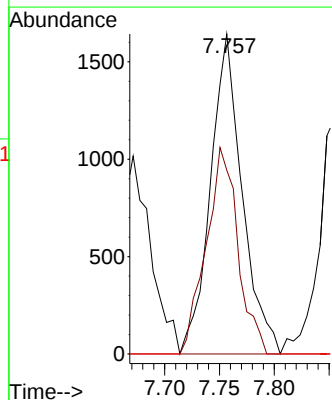
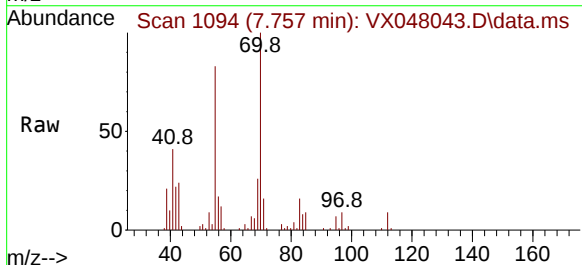
Instrument :
MSVOA_X
ClientSampleId :

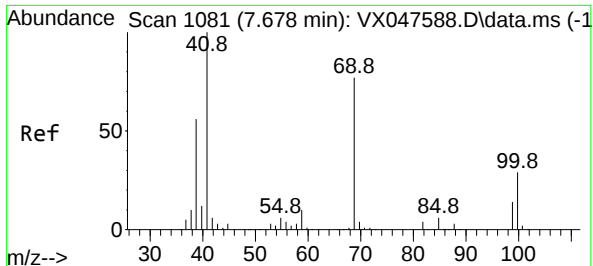
Tgt Ion: 93 Resp: 824
Ion Ratio Lower Upper
93 100
95 853.4 65.0 97.6#
174 0.0 71.6 107.4#



#47
Bromodichloromethane
Concen: 0.768 ug/l
RT: 7.757 min Scan# 1094
Delta R.T. -0.049 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 83 Resp: 3305
Ion Ratio Lower Upper
83 100
85 57.5 52.5 78.7
127 0.0 6.9 10.3#

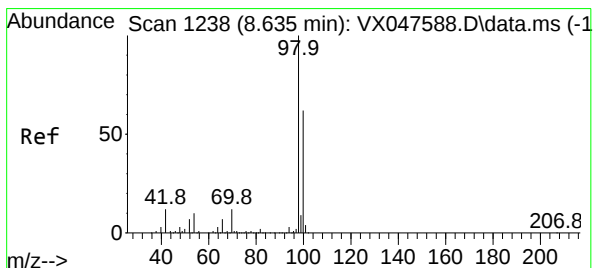
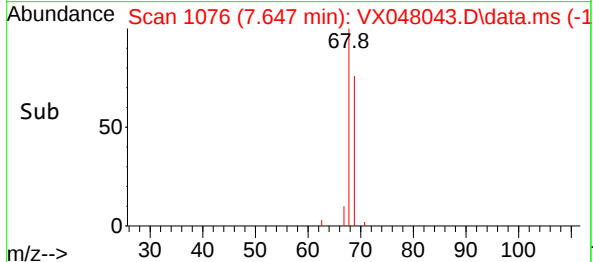
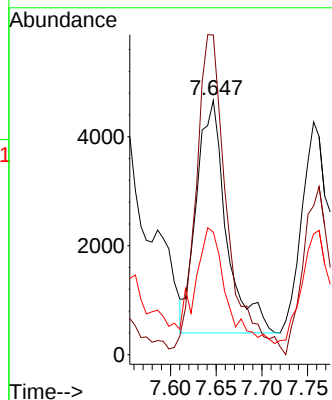
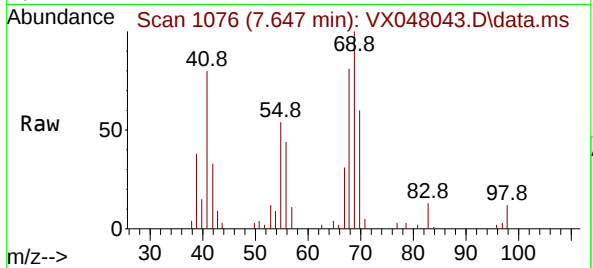




#48
Methyl methacrylate
Concen: 2.992 ug/l
RT: 7.647 min Scan# 1081
Delta R.T. -0.031 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

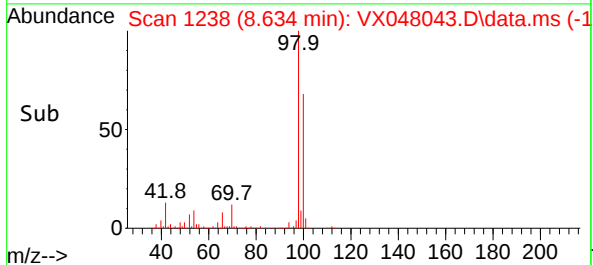
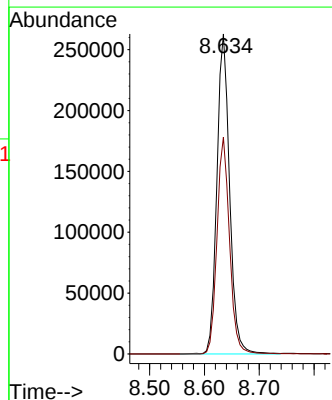
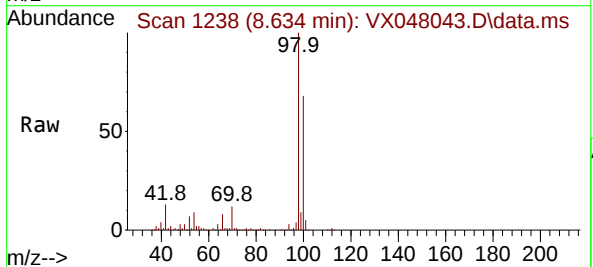
Instrument :
MSVOA_X
ClientSampleId :

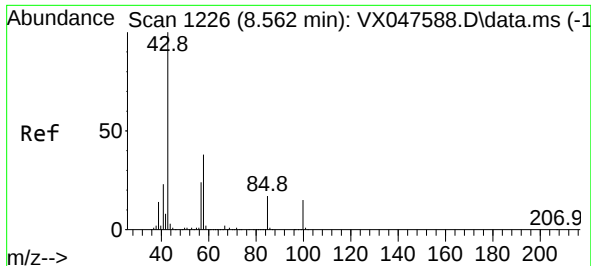
Tgt Ion: 41 Resp: 9648
Ion Ratio Lower Upper
41 100
69 143.6 61.4 92.2#
39 53.2 45.8 68.6



#50
Toluene-d8
Concen: 48.342 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 98 Resp: 421940
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

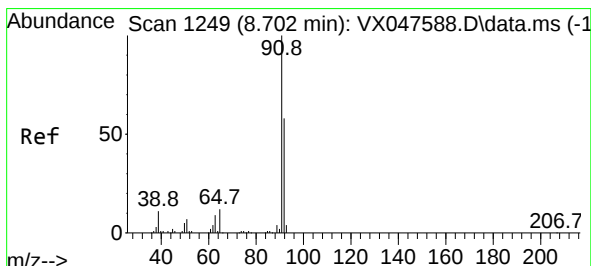
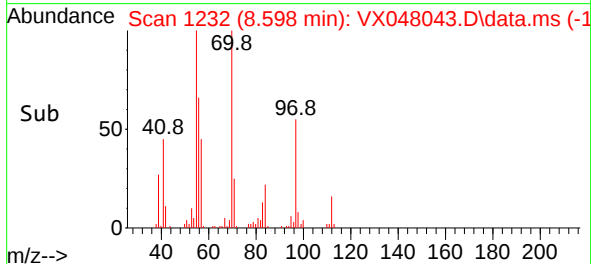
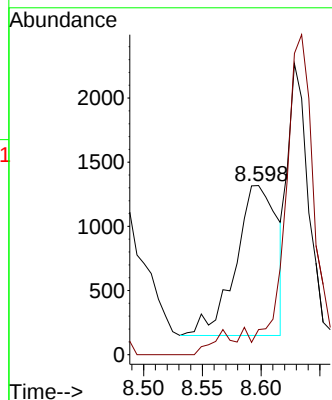
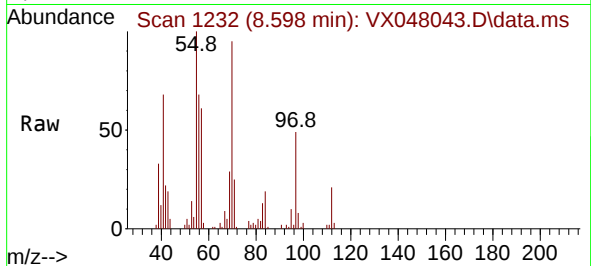




#51
4-Methyl-2-Pentanone
Concen: 0.801 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

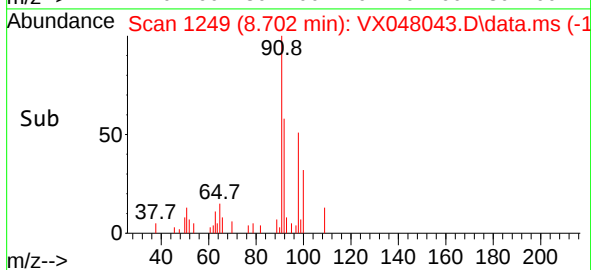
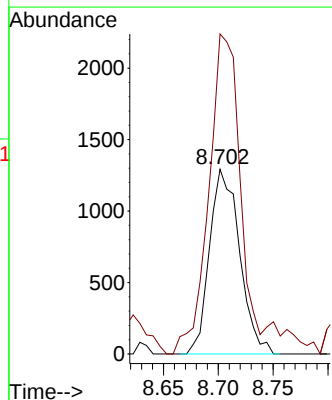
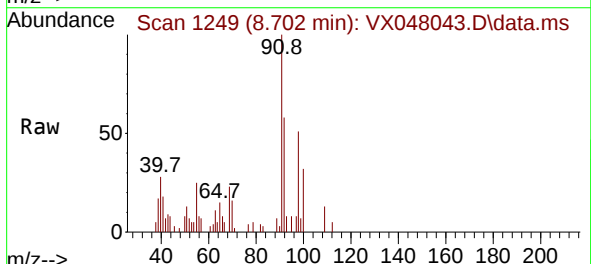
Instrument :
MSVOA_X
ClientSampleId :

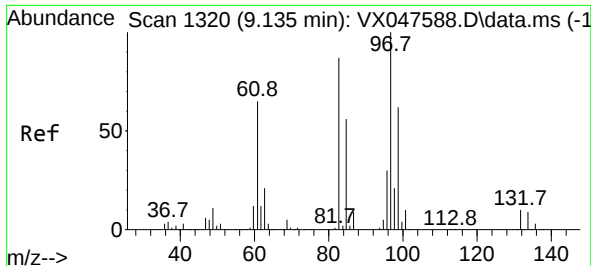
Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#



#52
Toluene
Concen: 0.357 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 92 Resp: 2463
Ion Ratio Lower Upper
92 100
91 182.1 137.1 205.7





#55

1,1,2-Trichloroethane

Concen: 6.746 ug/l

RT: 9.086 min Scan# 1312

Delta R.T. -0.049 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 17941

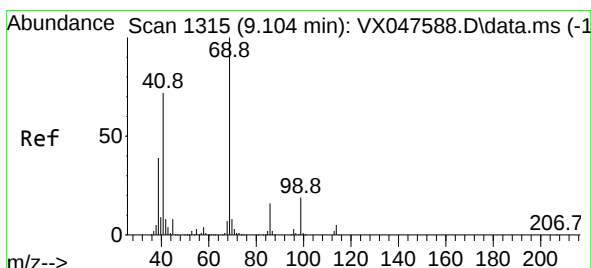
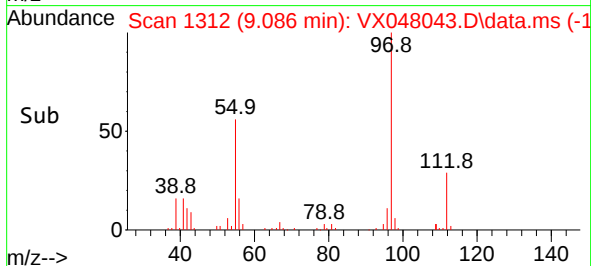
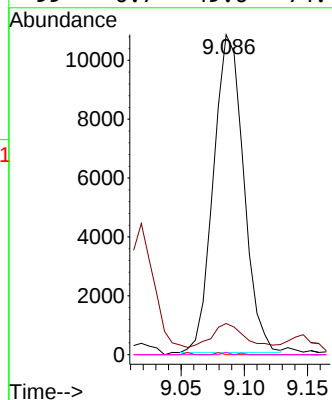
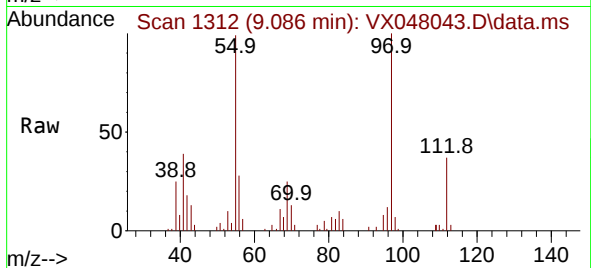
Ion Ratio Lower Upper

97 100

83 6.7 69.6 104.4#

85 0.0 45.0 67.6#

99 0.7 49.6 74.4#



#56

Ethyl methacrylate

Concen: 1.280 ug/l

RT: 9.086 min Scan# 1312

Delta R.T. -0.019 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

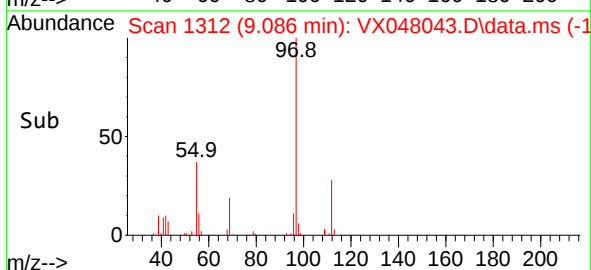
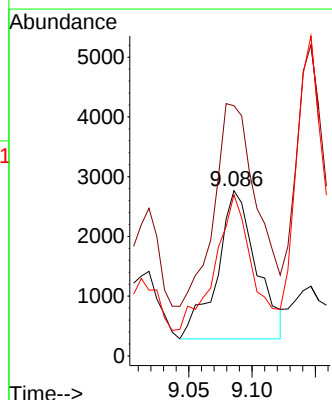
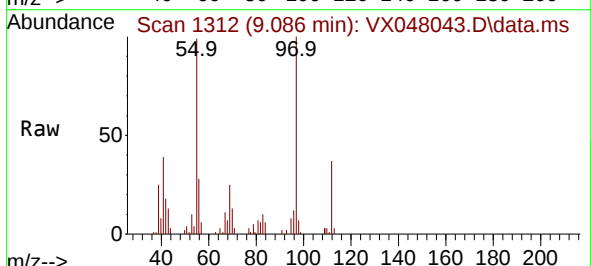
Tgt Ion: 69 Resp: 5345

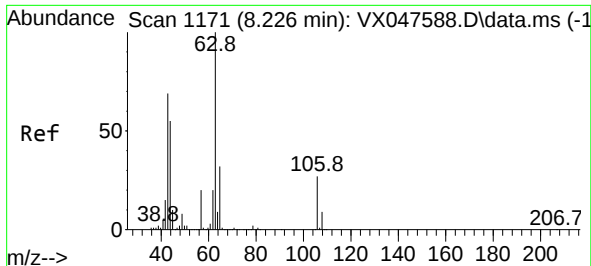
Ion Ratio Lower Upper

69 100

41 146.4 58.6 87.8#

39 85.6 31.5 47.3#

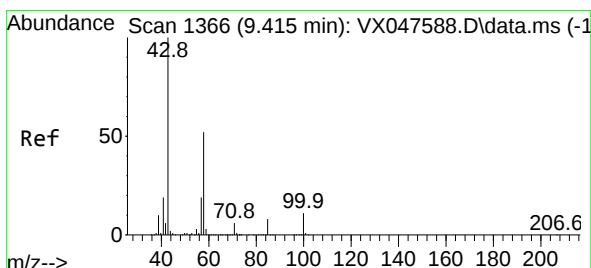
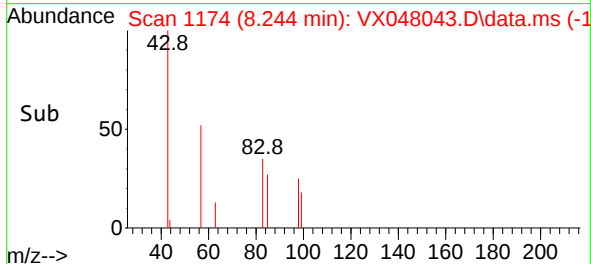
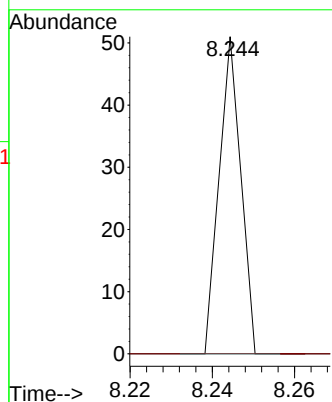
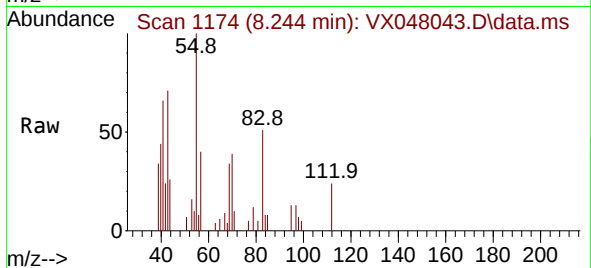




#58
2-Chloroethyl Vinyl ether
Concen: 7.902 ug/l
RT: 8.244 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

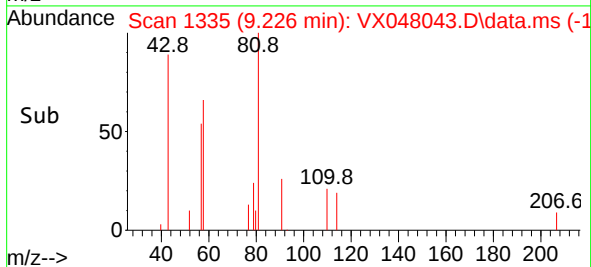
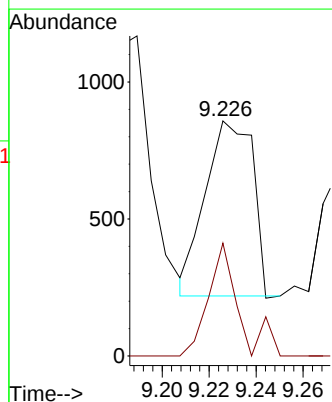
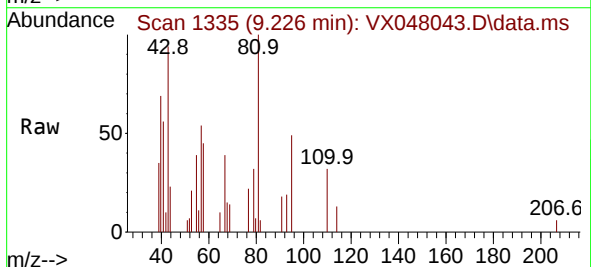
Instrument :
MSVOA_X
ClientSampleId :

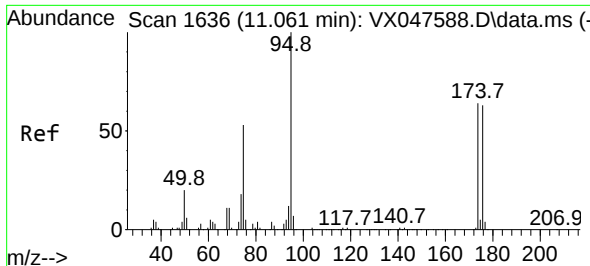
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 0.348 ug/l
RT: 9.226 min Scan# 1335
Delta R.T. -0.189 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 41.0 26.1 78.2

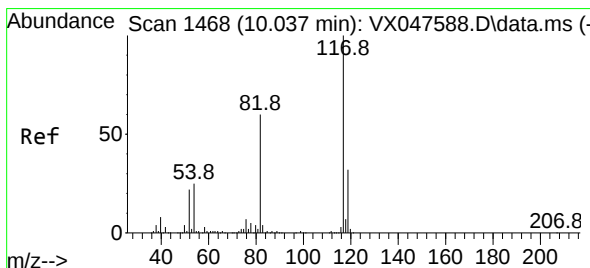
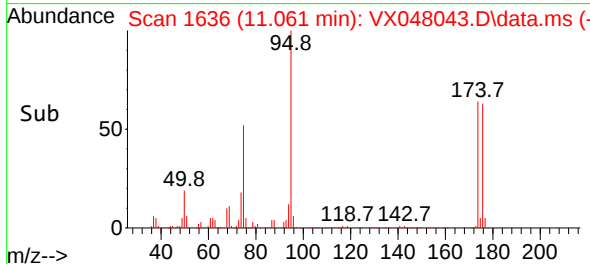
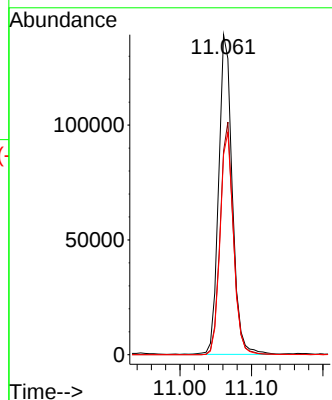
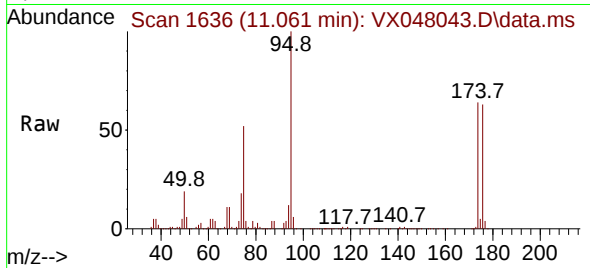




#62
4-Bromofluorobenzene
Concen: 55.651 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

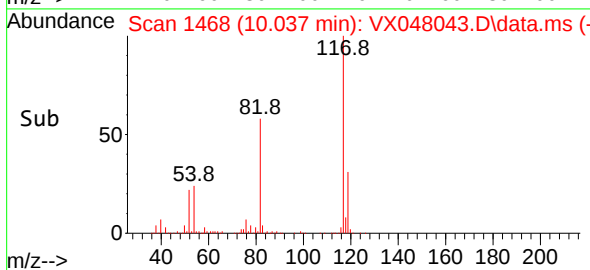
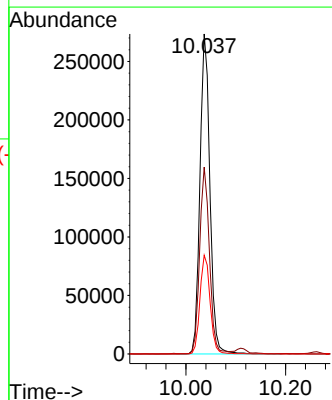
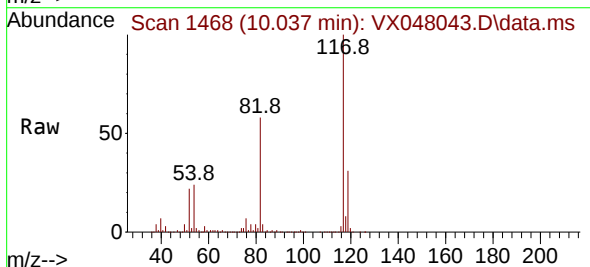
Instrument :
MSVOA_X
ClientSampleId :

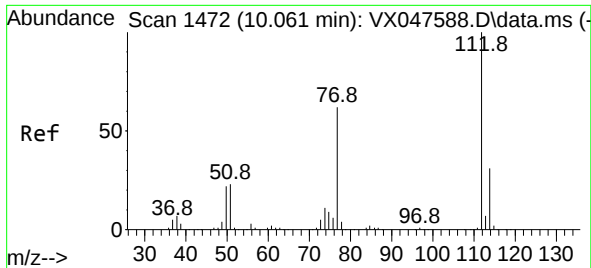
Tgt Ion: 95 Resp: 184344
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.6
176 68.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 117 Resp: 377293
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 30.9 25.2 37.8

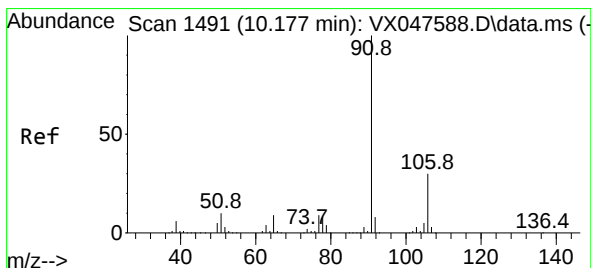
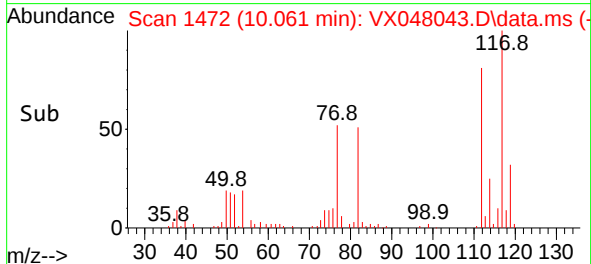
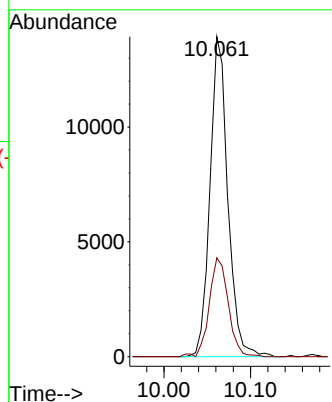
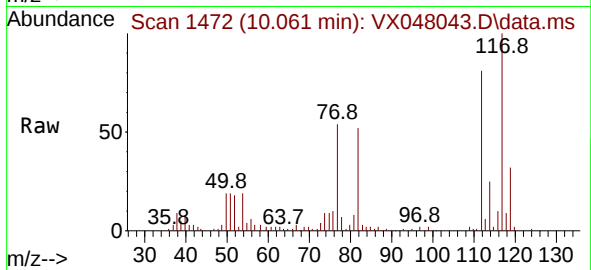




#65
Chlorobenzene
Concen: 2.322 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

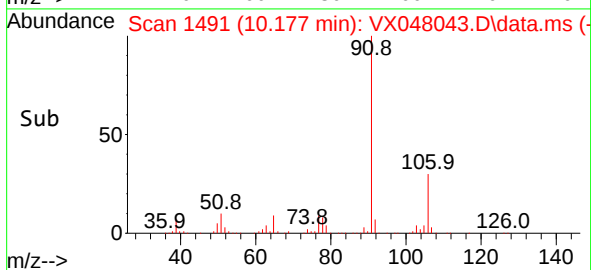
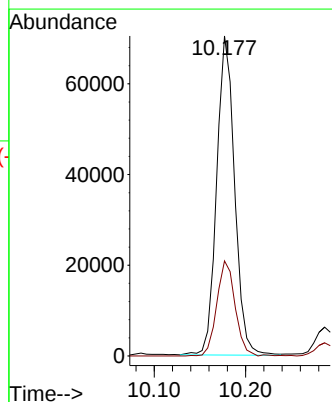
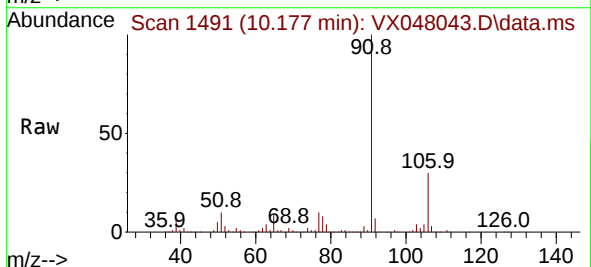
Instrument :
MSVOA_X
ClientSampleId :

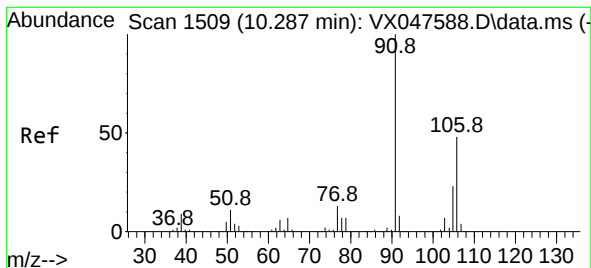
Tgt Ion:112 Resp: 19904
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#67
Ethyl Benzene
Concen: 6.500 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 91 Resp: 96123
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

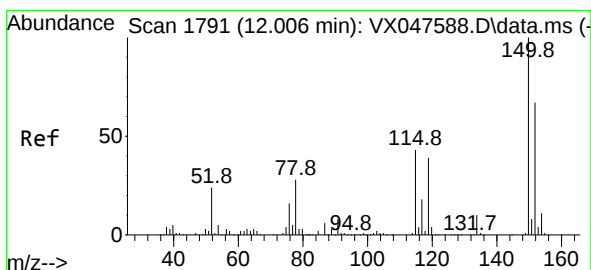
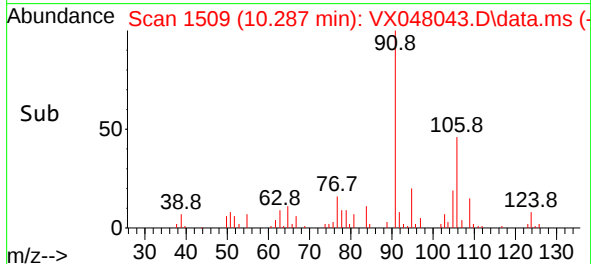
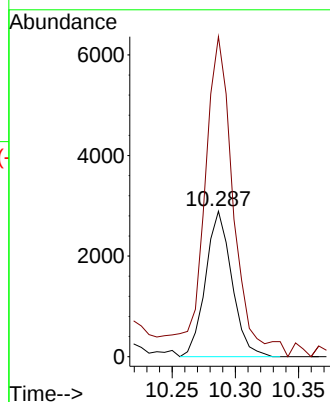
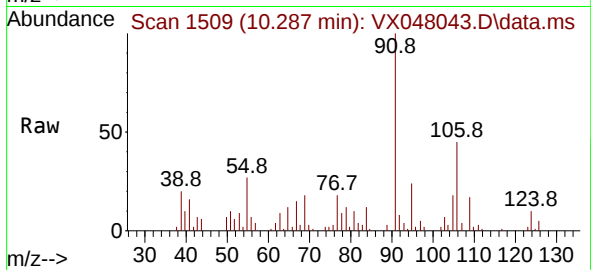




#68
m/p-Xylenes
Concen: 0.760 ug/l
RT: 10.287 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

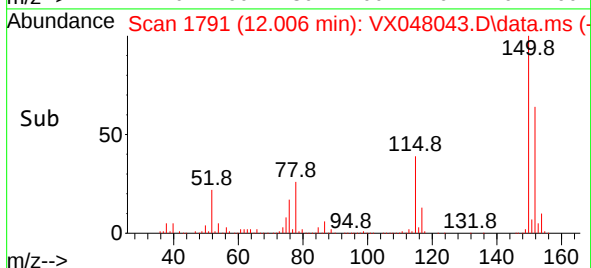
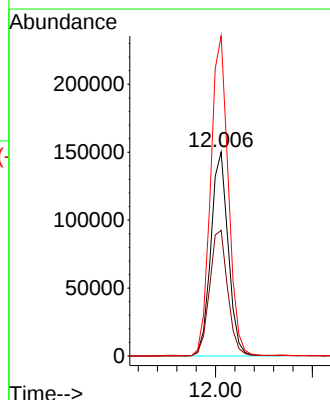
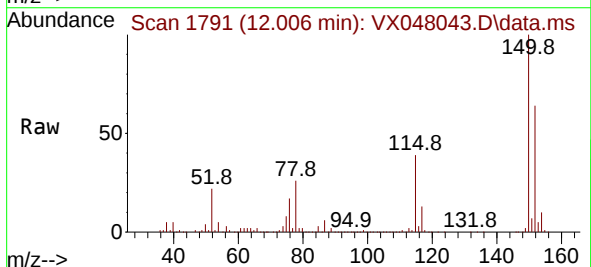
Instrument :
MSVOA_X
ClientSampleId :

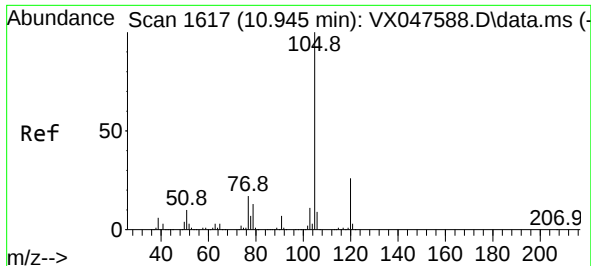
Tgt Ion:106 Resp: 4182
Ion Ratio Lower Upper
106 100
91 241.0 167.8 251.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion:152 Resp: 186931
Ion Ratio Lower Upper
152 100
115 64.0 44.9 134.5
150 160.0 0.0 352.0

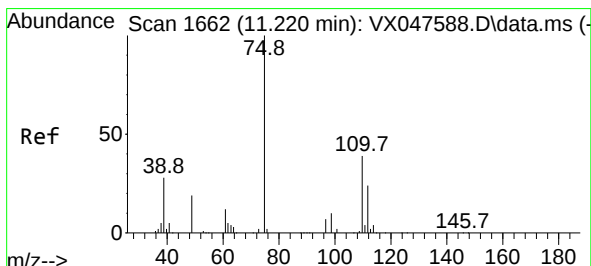
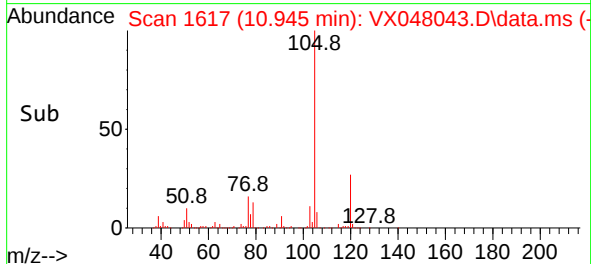
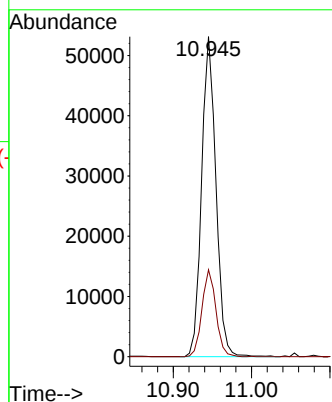
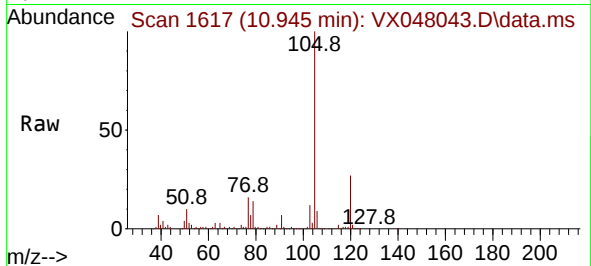




#73
Isopropylbenzene
Concen: 4.748 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

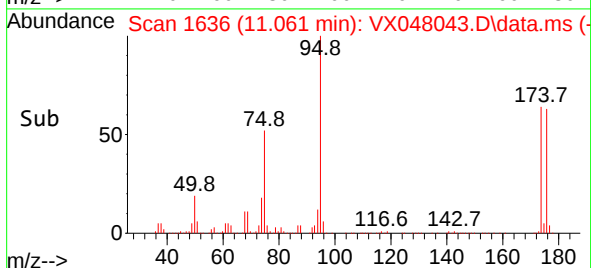
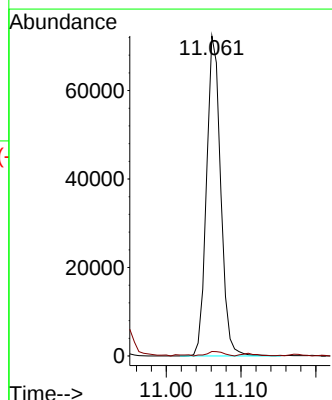
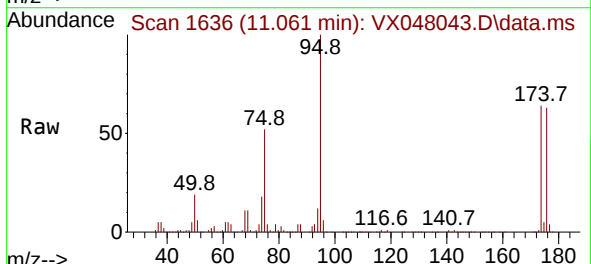
Instrument :
MSVOA_X
ClientSampleId :

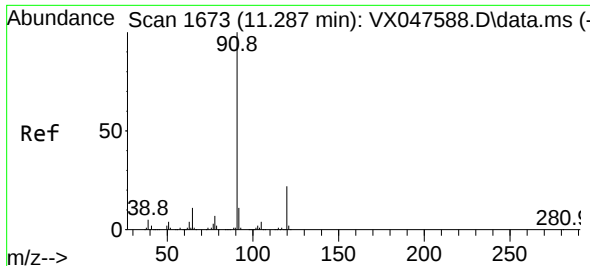
Tgt Ion:105 Resp: 67480
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.4



#76
1,2,3-Trichloropropane
Concen: 25.120 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 75 Resp: 95074
Ion Ratio Lower Upper
75 100
77 1.7 18.8 56.4#

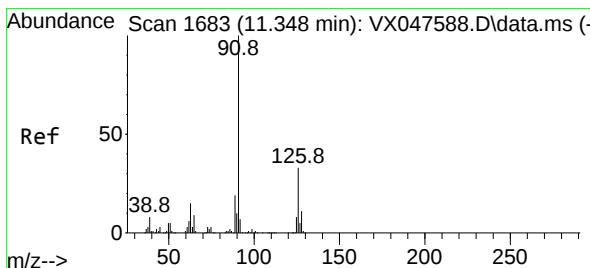
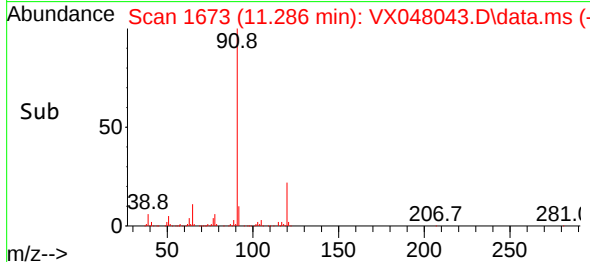
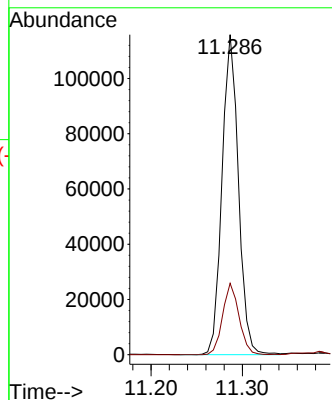
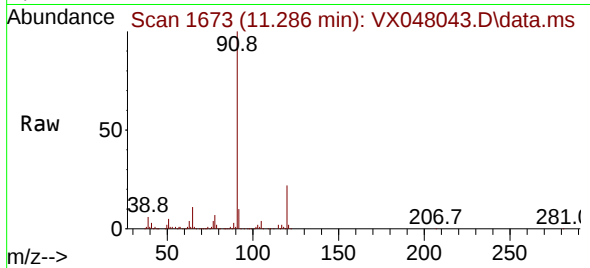




#78
n-propylbenzene
Concen: 8.620 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

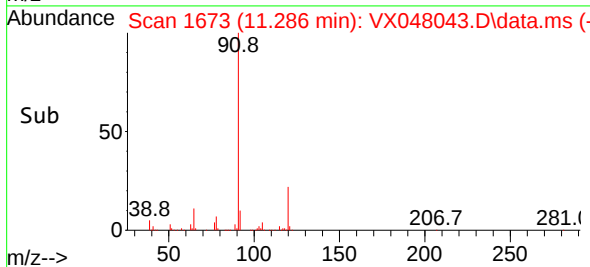
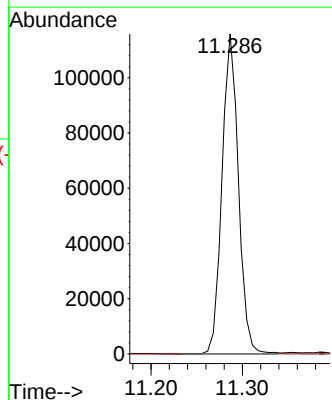
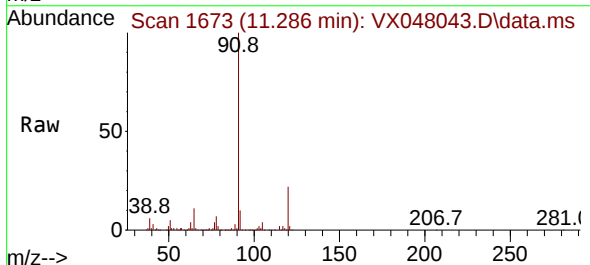
Instrument :
MSVOA_X
ClientSampleId :

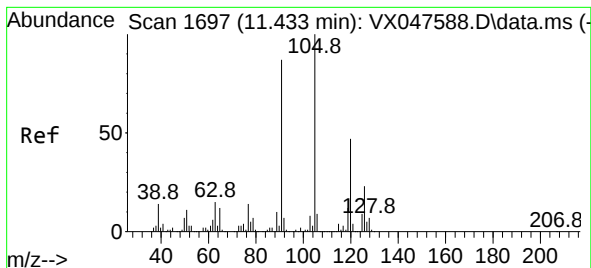
Tgt Ion: 91 Resp: 144810
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1



#79
2-Chlorotoluene
Concen: 14.073 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.061 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 91 Resp: 144810
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 0.541 ug/l

RT: 11.384 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

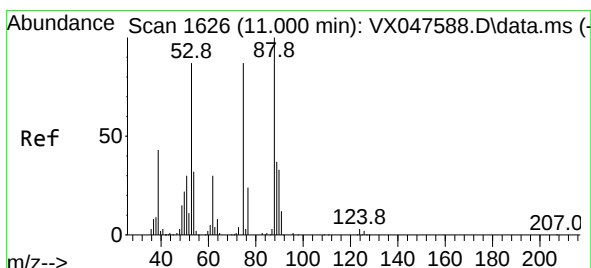
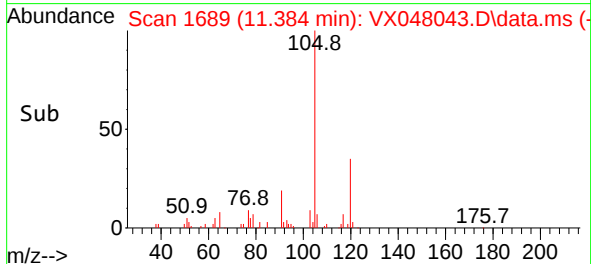
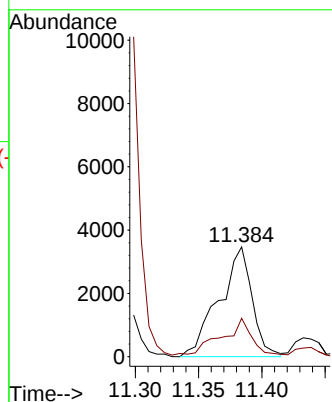
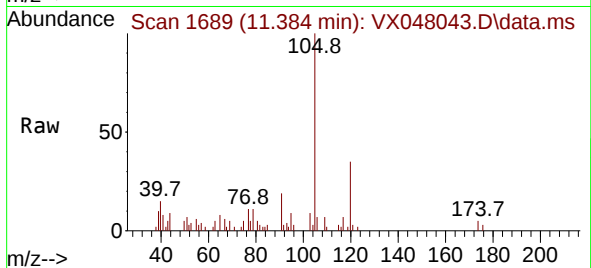
ClientSampleId :

Tgt Ion:105 Resp: 6311

Ion Ratio Lower Upper

105 100

120 29.6 23.6 70.8



#81

trans-1,4-Dichloro-2-butene

Concen: 64.060 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

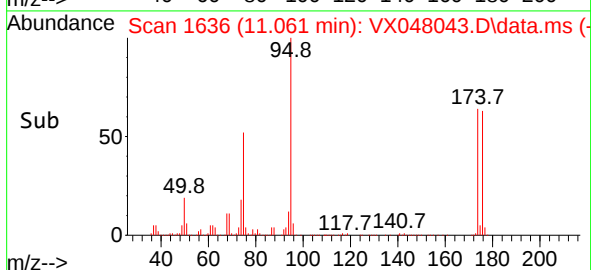
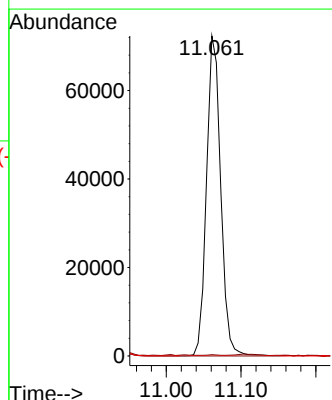
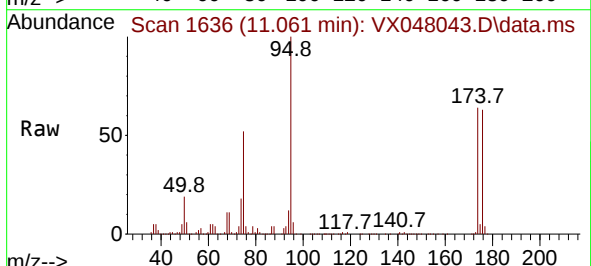
Tgt Ion: 75 Resp: 95074

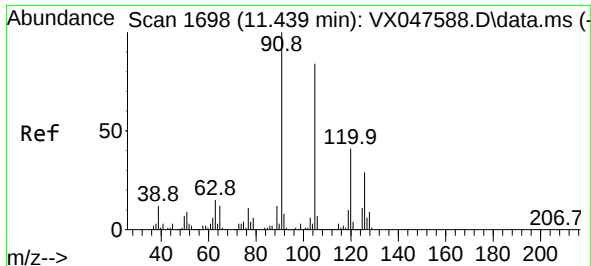
Ion Ratio Lower Upper

75 100

53 0.3 83.4 125.2#

89 0.0 36.3 54.5#

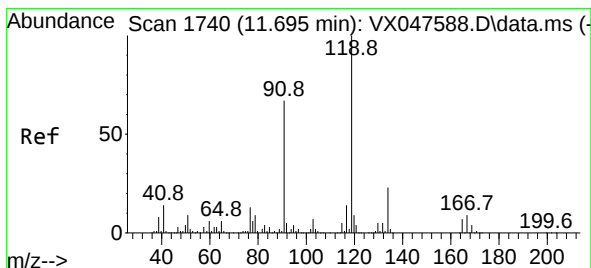
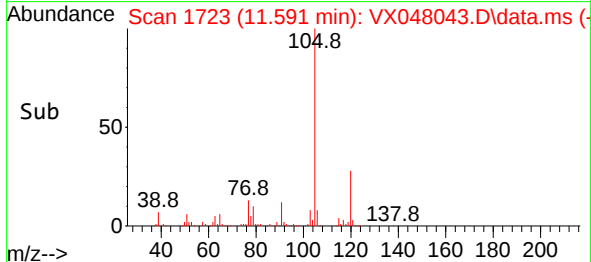
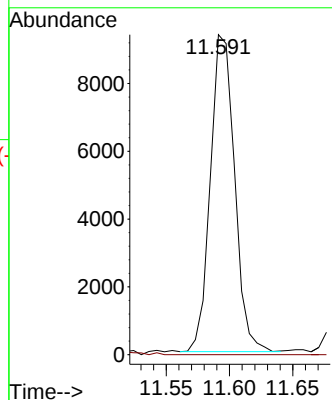
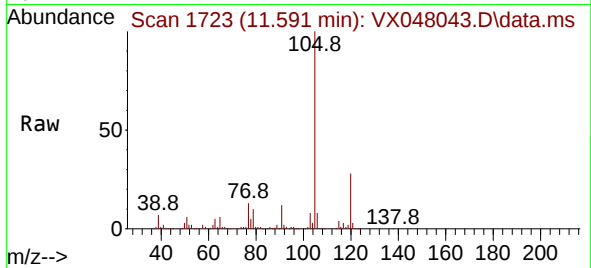




#82
4-Chlorotoluene
Concen: 1.024 ug/l
RT: 11.591 min Scan# 11
Delta R.T. 0.152 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

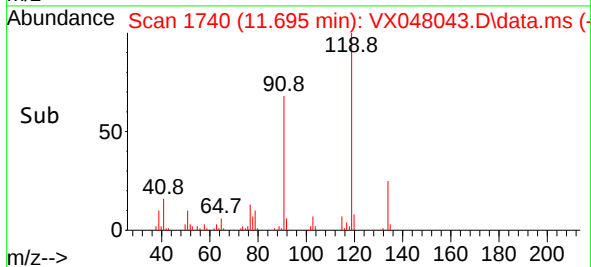
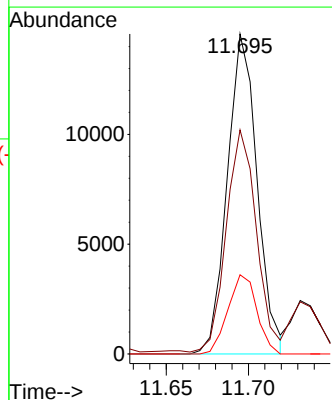
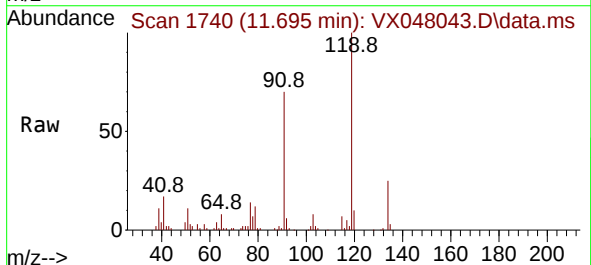
Instrument :
MSVOA_X
ClientSampleId :

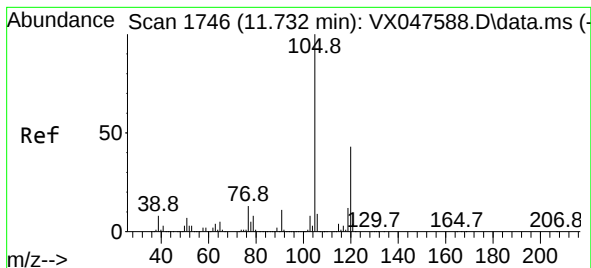
Tgt Ion: 91 Resp: 12444
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#83
tert-Butylbenzene
Concen: 1.541 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 119 Resp: 18424
Ion Ratio Lower Upper
119 100
91 70.0 29.6 88.8
134 23.9 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 2.109 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

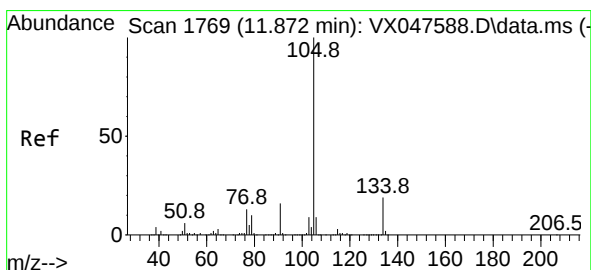
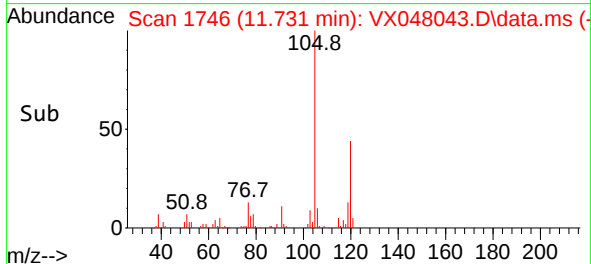
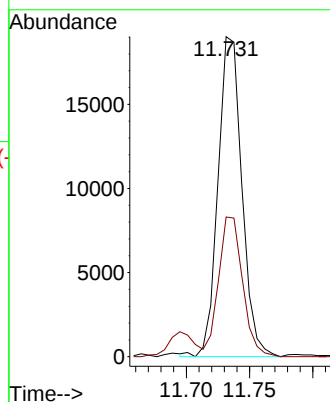
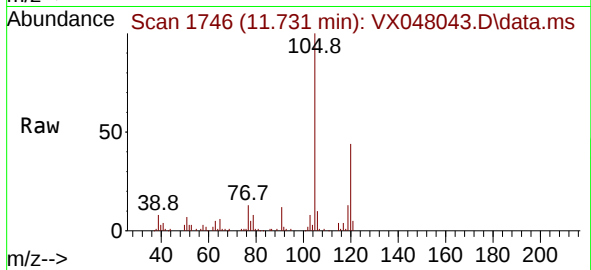
ClientSampleId :

Tgt Ion:105 Resp: 24964

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.1



#85

sec-Butylbenzene

Concen: 2.867 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX048043.D

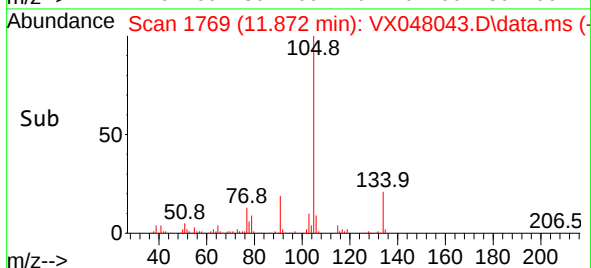
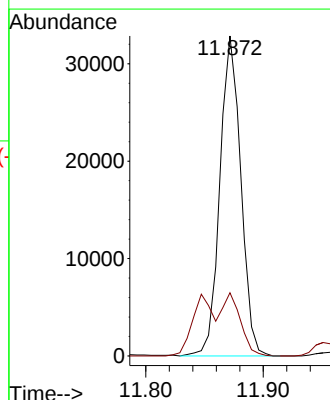
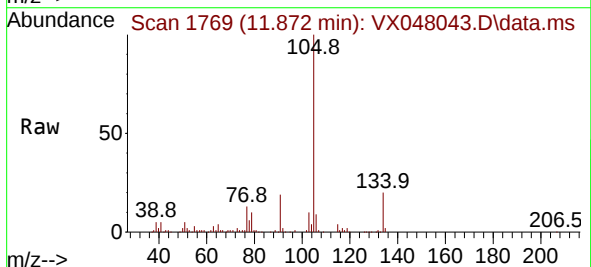
Acq: 07 Oct 2025 11:38

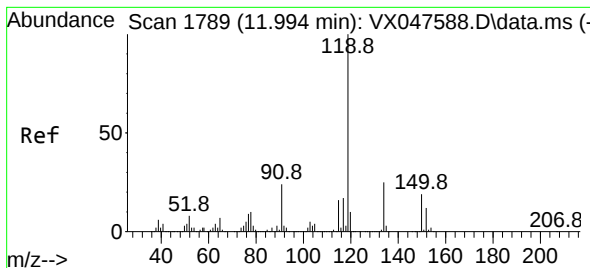
Tgt Ion:105 Resp: 40701

Ion Ratio Lower Upper

105 100

134 17.6 9.8 29.5





#86

p-Isopropyltoluene

Concen: 2.464 ug/l

RT: 12.158 min Scan# 119

Delta R.T. 0.164 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

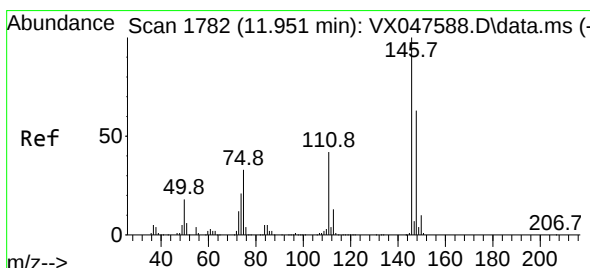
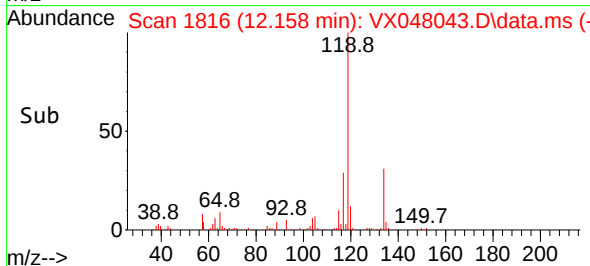
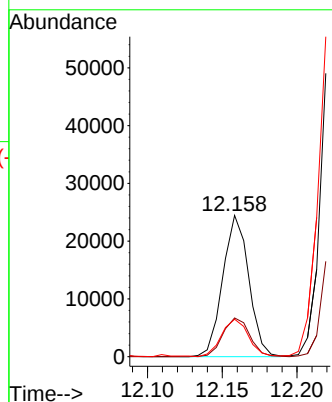
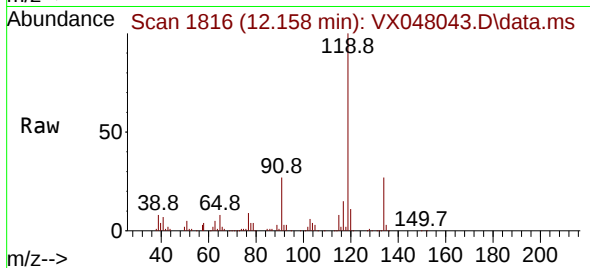
Tgt Ion:119 Resp: 29619

Ion Ratio Lower Upper

119 100

134 28.3 12.6 37.8

91 26.2 12.6 37.6



#87

1,3-Dichlorobenzene

Concen: 0.227 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

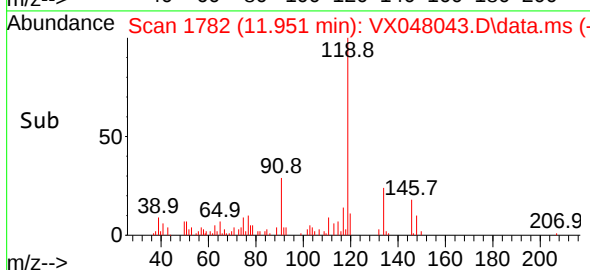
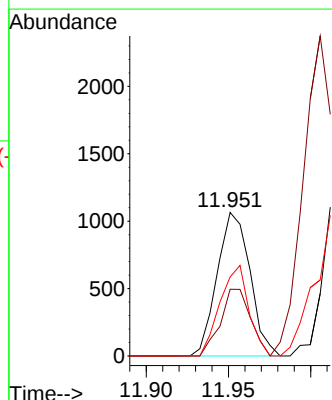
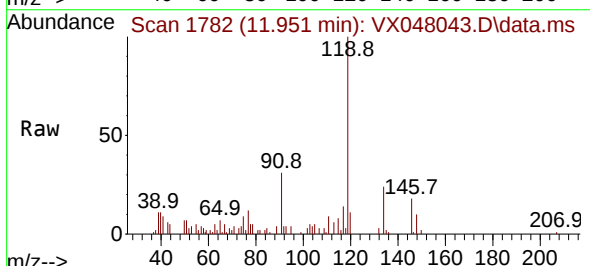
Tgt Ion:146 Resp: 1479

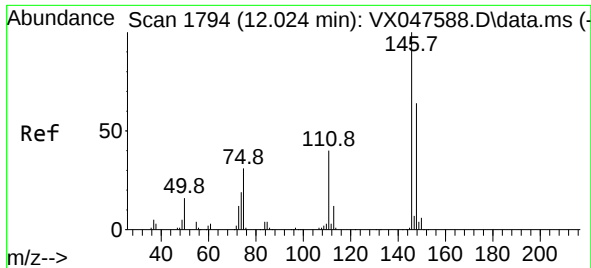
Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 55.0 32.0 96.0

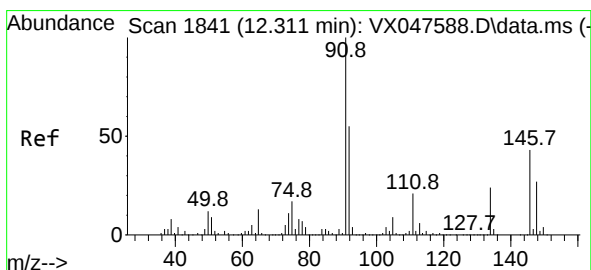
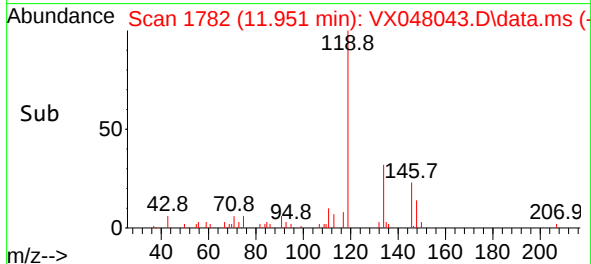
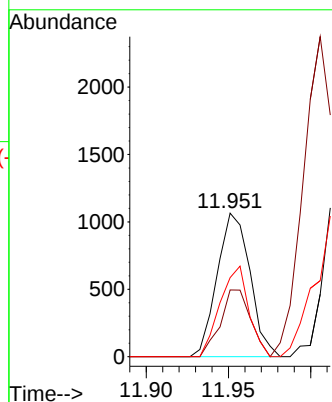
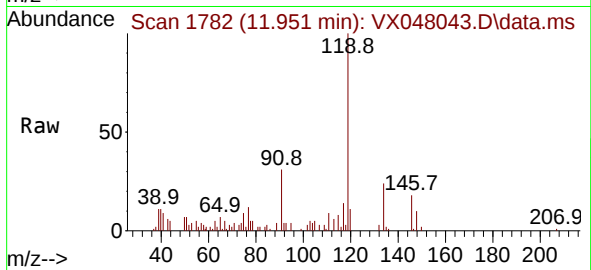




#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

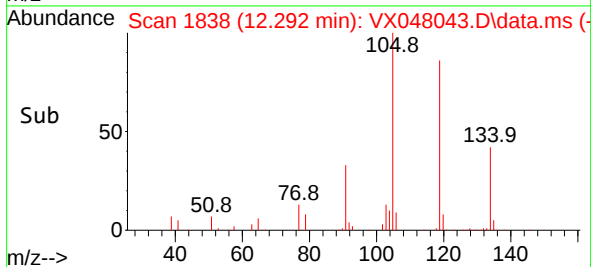
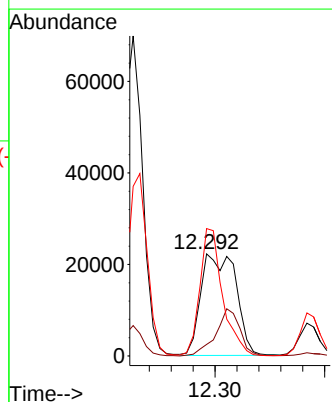
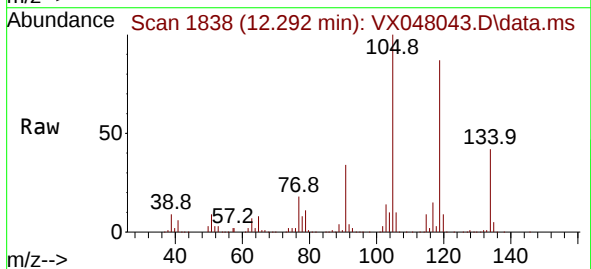
Instrument :
MSVOA_X
ClientSampleId :

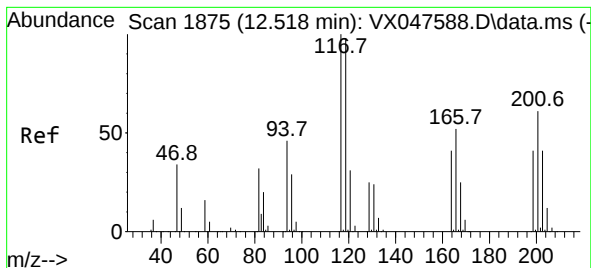
Tgt Ion:146 Resp: 1479
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.4
148 55.0 31.7 95.1



#89
n-Butylbenzene
Concen: 4.453 ug/l
RT: 12.292 min Scan# 1838
Delta R.T. -0.018 min
Lab File: VX048043.D
Acq: 07 Oct 2025 11:38

Tgt Ion: 91 Resp: 49527
Ion Ratio Lower Upper
91 100
92 31.9 27.6 82.7
134 81.6 12.6 37.8#





#90

Hexachloroethane

Concen: 59.512 ug/l

RT: 12.628 min Scan# 1893

Delta R.T. 0.110 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

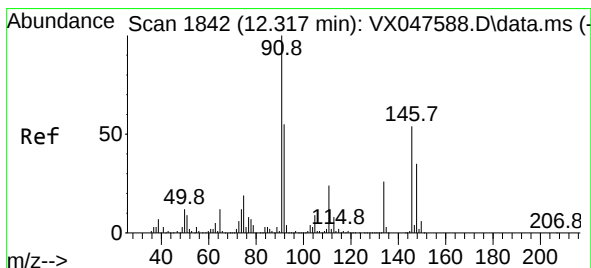
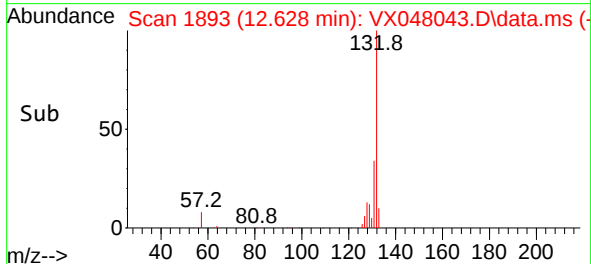
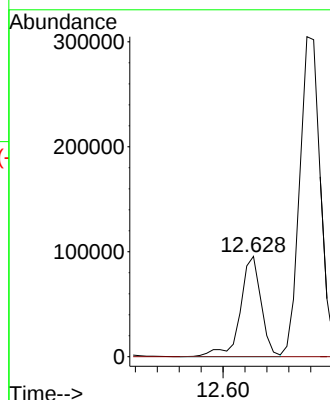
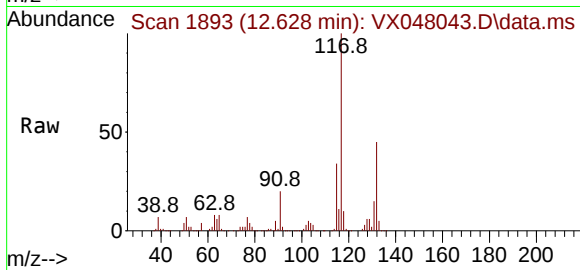
ClientSampleId :

Tgt Ion:117 Resp: 125586

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#91

1,2-Dichlorobenzene

Concen: 0.363 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

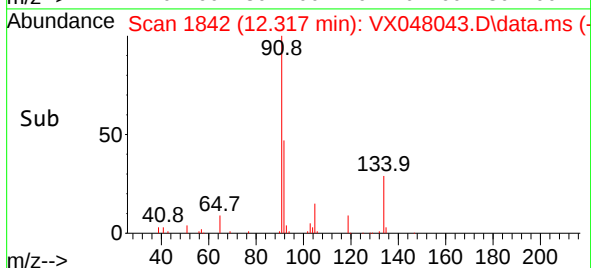
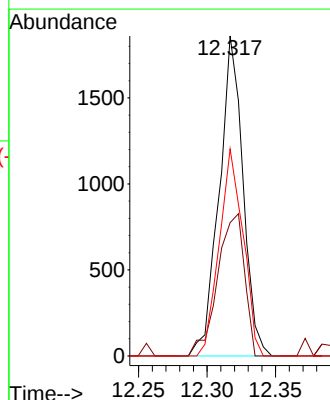
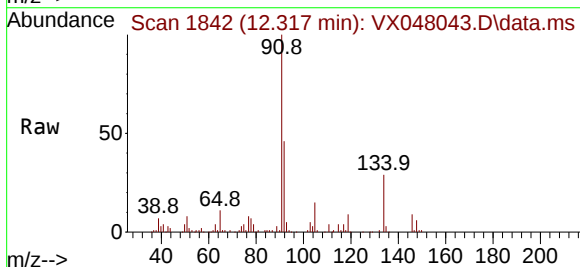
Tgt Ion:146 Resp: 2247

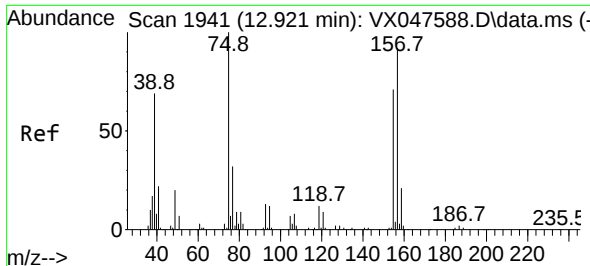
Ion Ratio Lower Upper

146 100

111 50.1 22.2 66.6

148 64.8 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.410 ug/l

RT: 12.939 min Scan# 1941

Delta R.T. 0.018 min

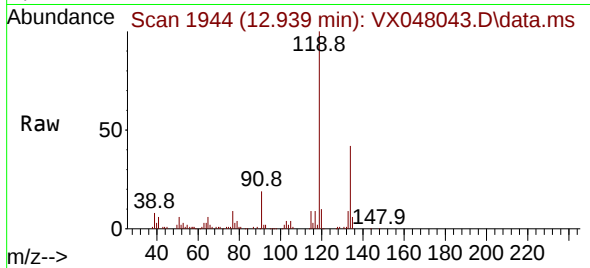
Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :



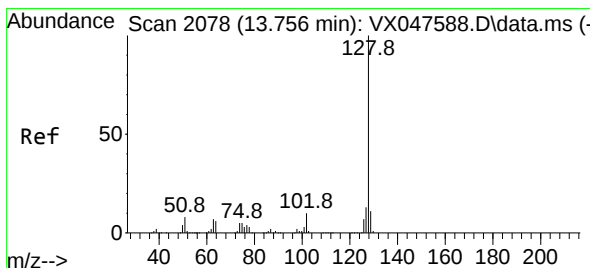
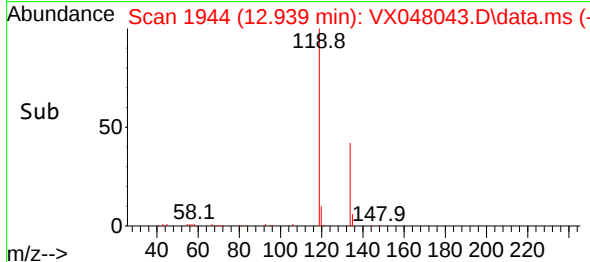
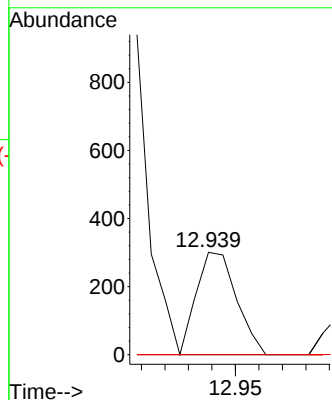
Tgt Ion: 75 Resp: 357

Ion Ratio Lower Upper

75 100

155 0.0 37.7 113.1#

157 0.0 49.8 149.4#



#95

Napthalene

Concen: 0.814 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048043.D

Acq: 07 Oct 2025 11:38

Tgt Ion: 128 Resp: 9974

Ion Ratio Lower Upper

128 100

127 16.8 10.2 15.2#

129 18.3 8.8 13.2#

