

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048808.D
 Acq On : 10 Dec 2025 14:10
 Operator : JC/MD
 Sample : Q3787-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425-FDRE

Quant Time: Dec 11 00:22:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

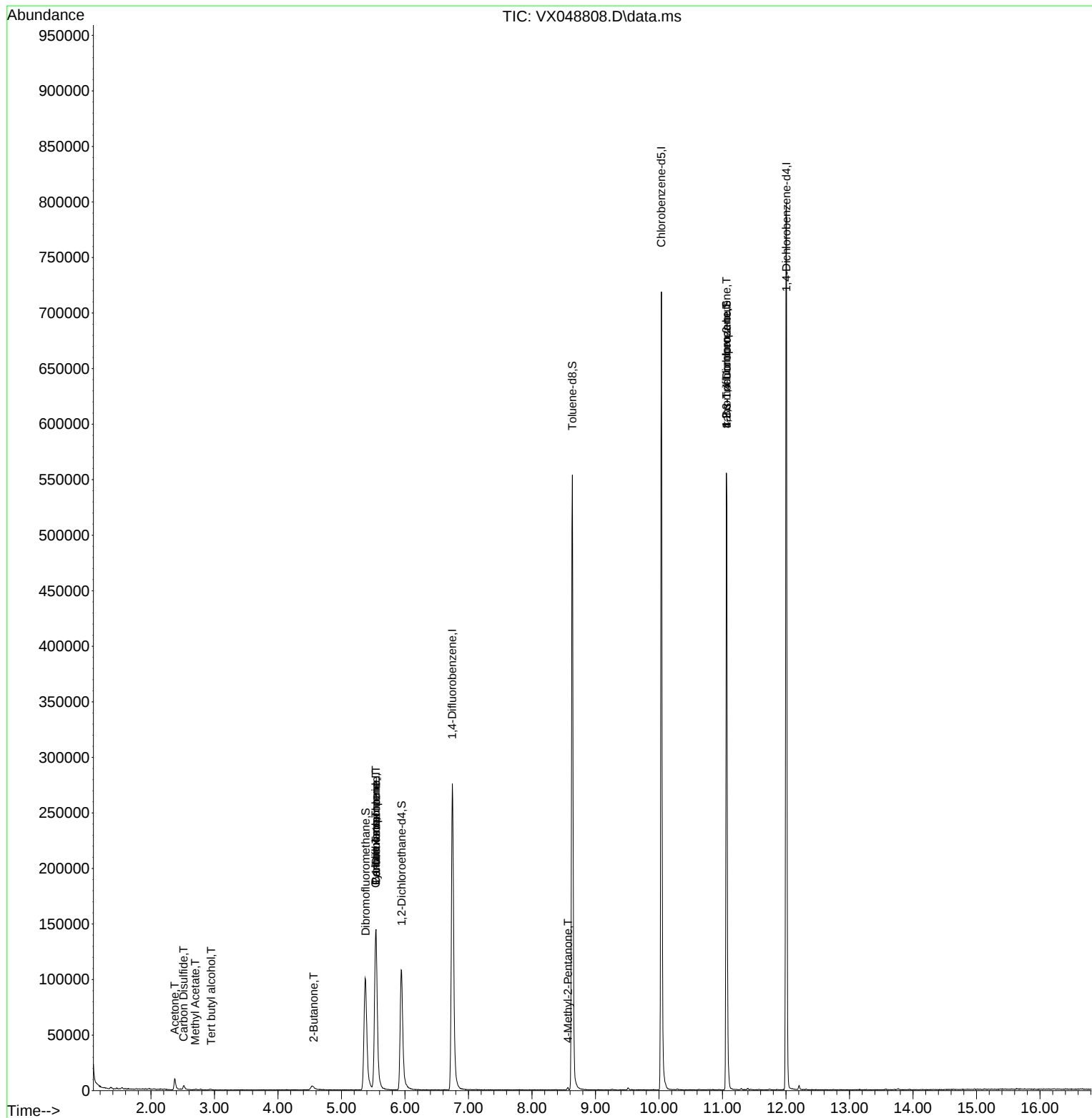
Internal Standards						
1) Pentafluorobenzene	5.544	168	150728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	313869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	341495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	184829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120292	59.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.920%#			
35) Dibromofluoromethane	5.379	113	102752	47.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.100%			
50) Toluene-d8	8.635	98	359487	47.455	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.900%			
62) 4-Bromofluorobenzene	11.061	95	159804	61.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.360%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	160	0.490	ug/l #	73
16) Acetone	2.374	43	13514	17.450	ug/l	92
17) Carbon Disulfide	2.514	76	1121	0.221	ug/l #	74
18) Methyl Acetate	2.697	43	1017	0.467	ug/l #	77
25) 2-Butanone	4.562	43	2042	1.786	ug/l	96
31) Cyclohexane	5.538	56	2841	1.039	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	12093	4.086	ug/l #	49
38) Carbon Tetrachloride	5.544	117	15155	4.520	ug/l #	15
51) 4-Methyl-2-Pentanone	8.568	43	1476	0.444	ug/l #	79
76) 1,2,3-Trichloropropane	11.061	75	79470	23.085	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	79470	54.836	ug/l #	3
95) Naphthalene	13.762	128	1160	Below Cal		98

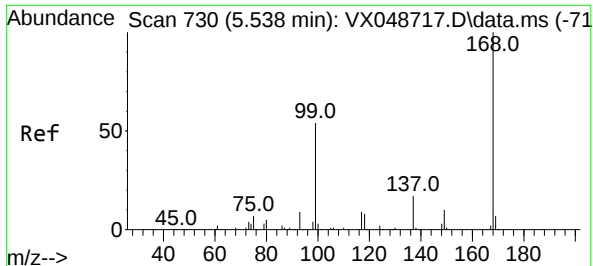
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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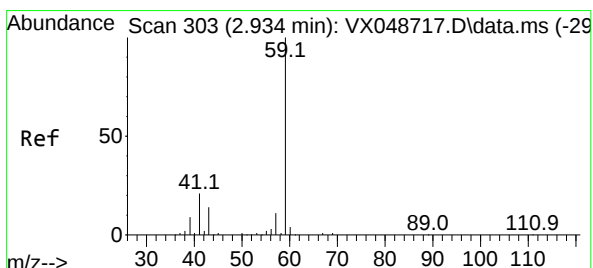
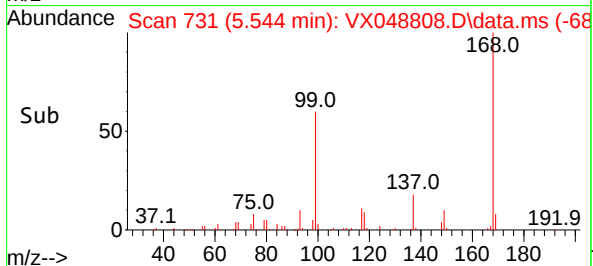
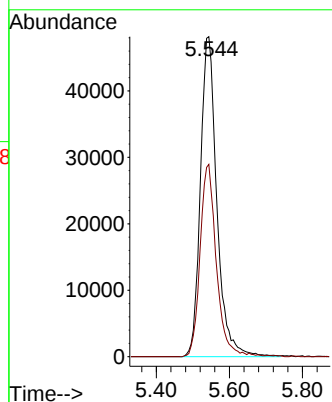
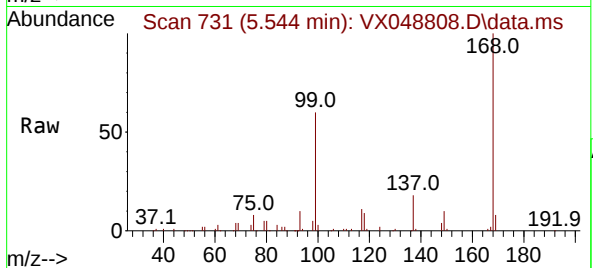




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

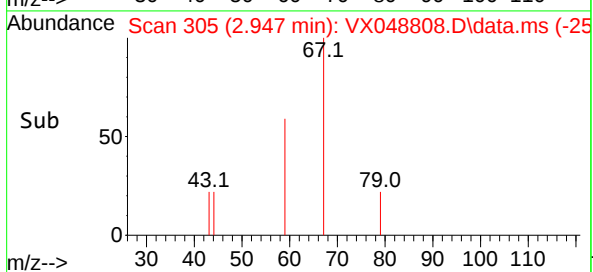
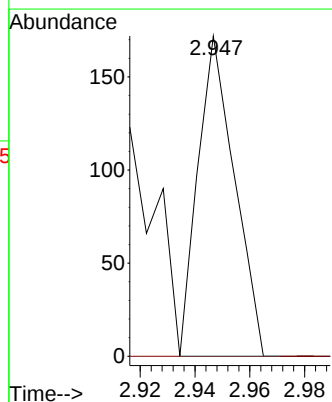
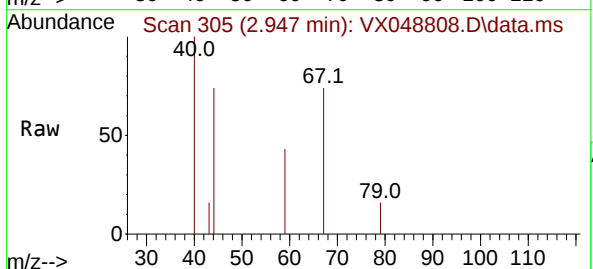
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

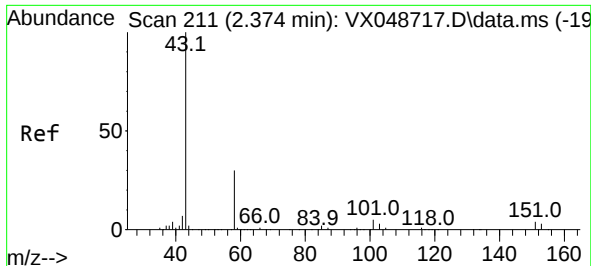
Tgt Ion:168 Resp: 150728
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.490 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.012 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

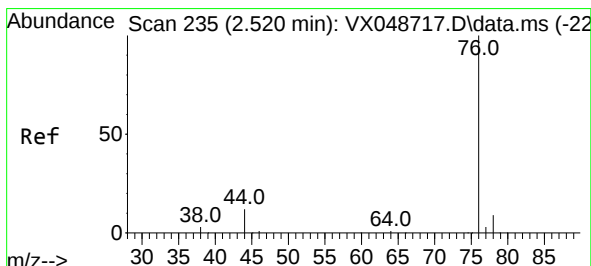
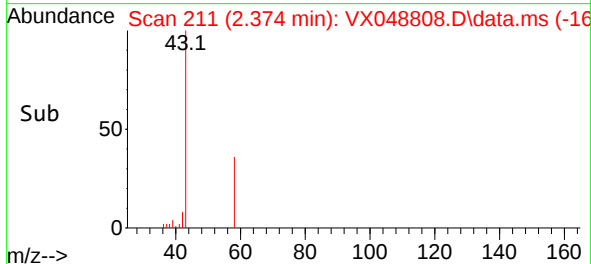
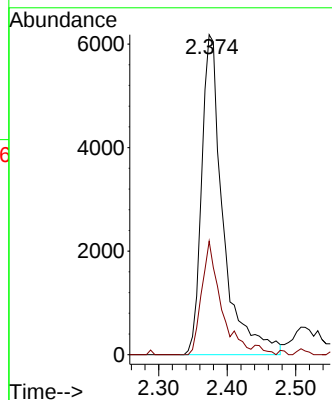
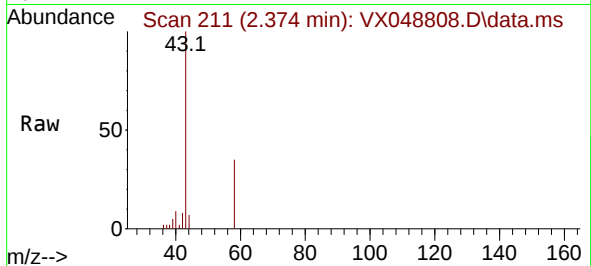




#16
Acetone
Concen: 17.450 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

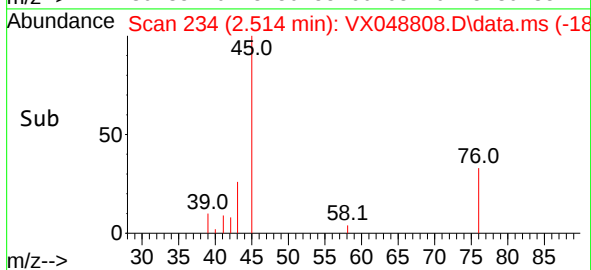
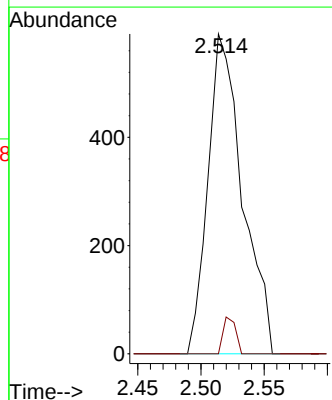
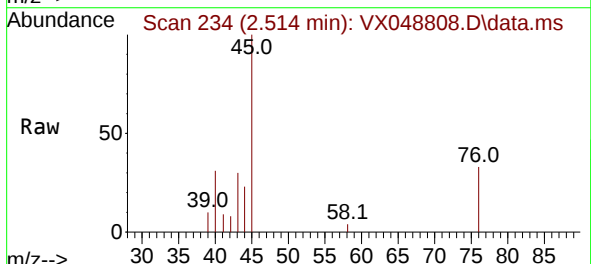
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

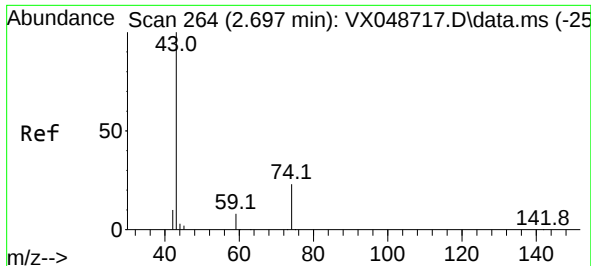
Tgt Ion: 43 Resp: 13514
Ion Ratio Lower Upper
43 100
58 35.4 25.0 37.4



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 76 Resp: 1121
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

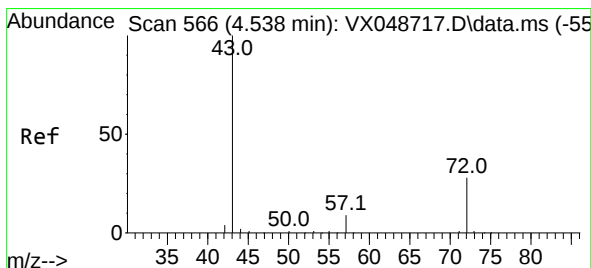
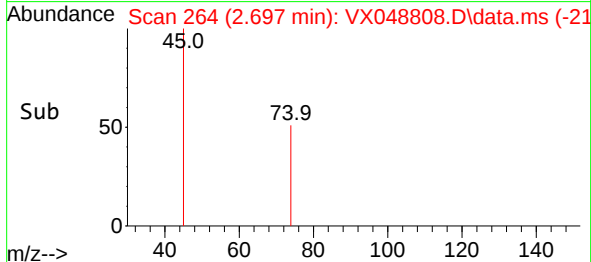
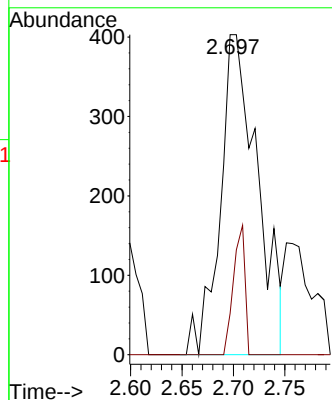
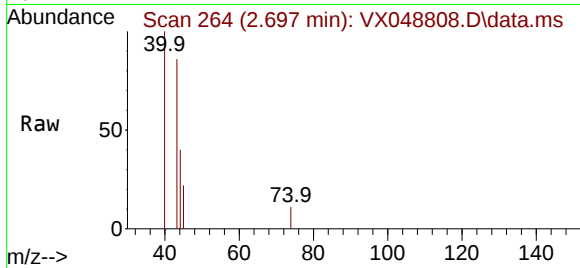




#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 2.697 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

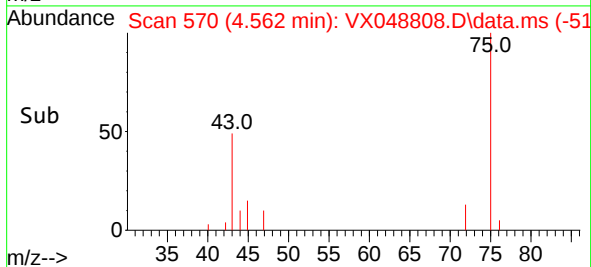
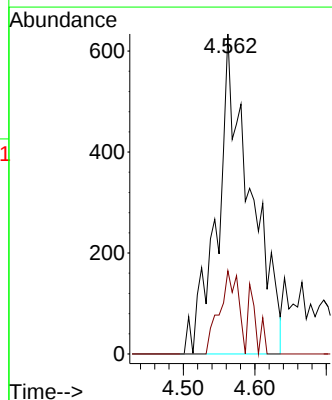
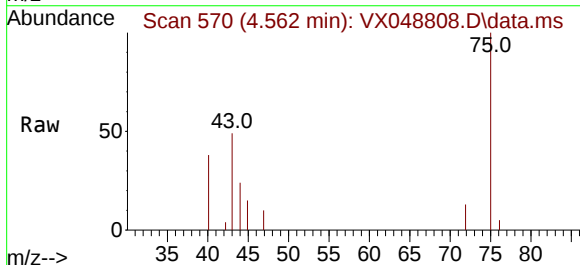
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

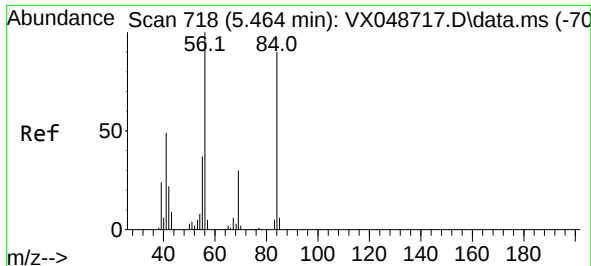
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
74 12.5 19.2 28.8#



#25
2-Butanone
Concen: 1.786 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

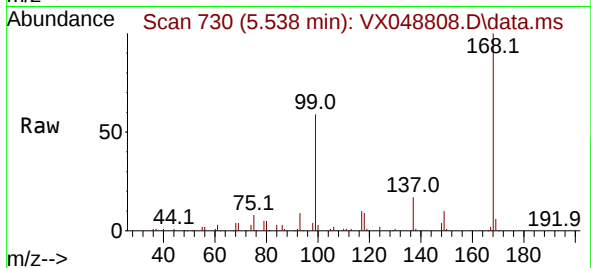
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
72 26.0 22.6 34.0



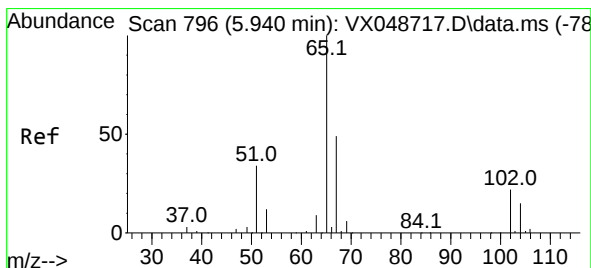
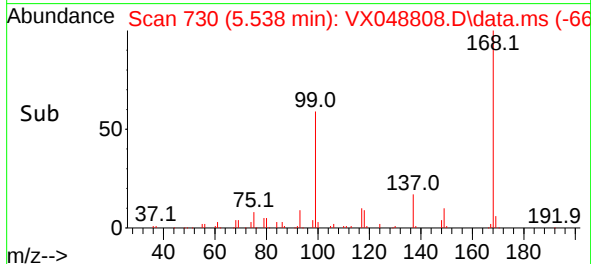
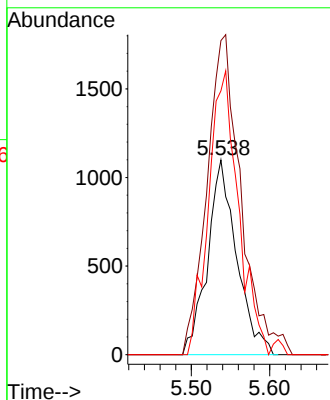


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

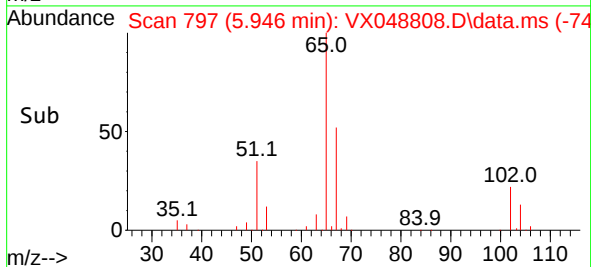
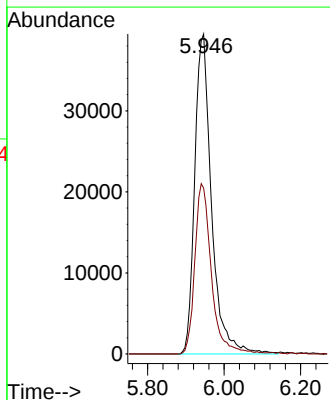
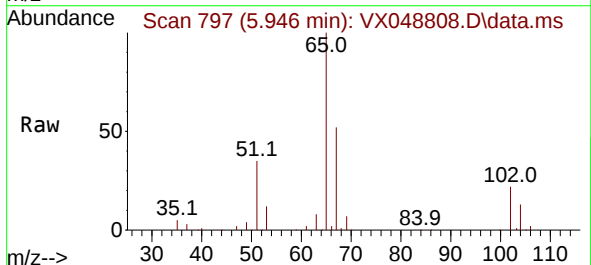


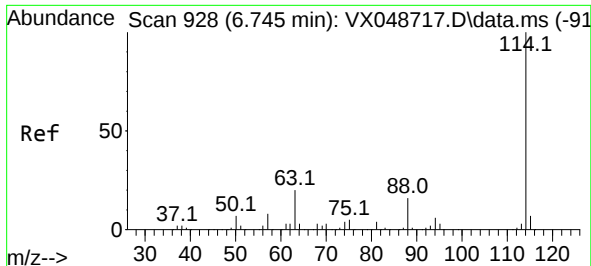
Tgt Ion: 56 Resp: 2841
Ion Ratio Lower Upper
56 100
69 161.3 24.2 36.2#
84 135.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 59.461 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 65 Resp: 120292
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

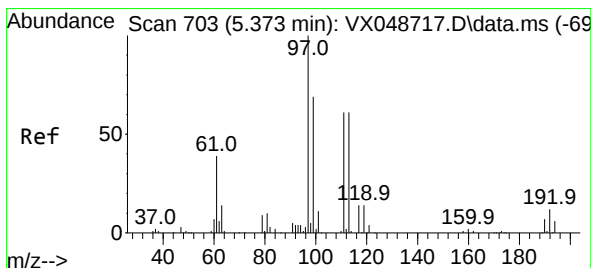
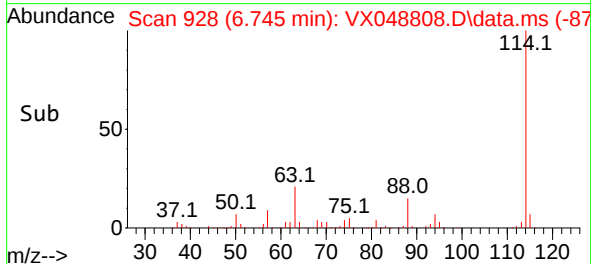
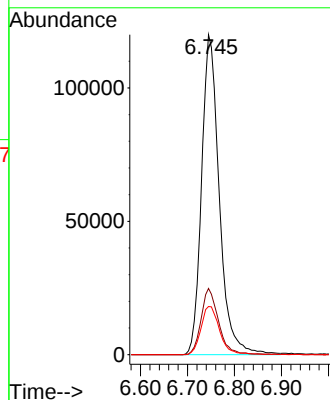
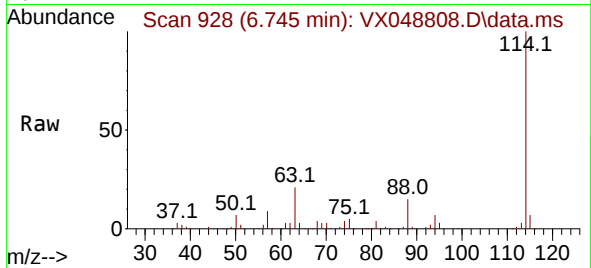




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

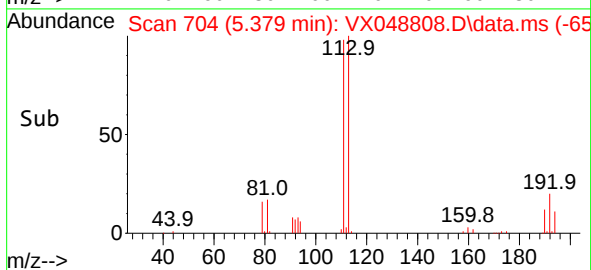
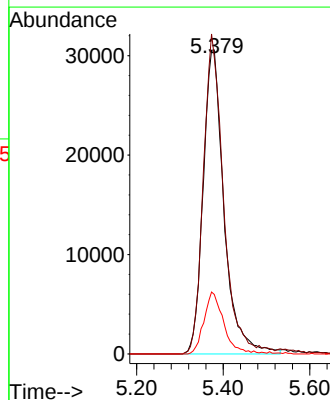
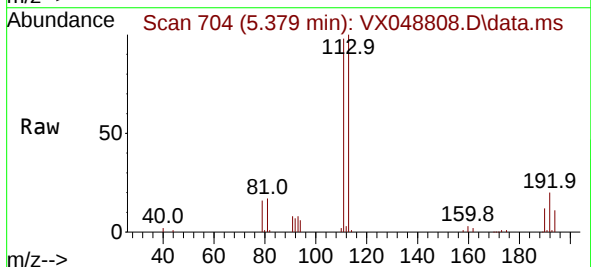
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

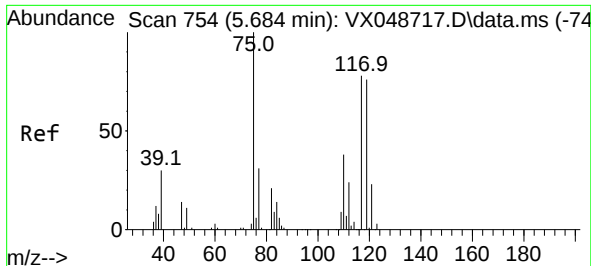
Tgt Ion:114 Resp: 313869
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.0
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.546 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion:113 Resp: 102752
Ion Ratio Lower Upper
113 100
111 101.3 79.5 119.3
192 19.3 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.086 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

OWBR-02-170-120425-FDRE

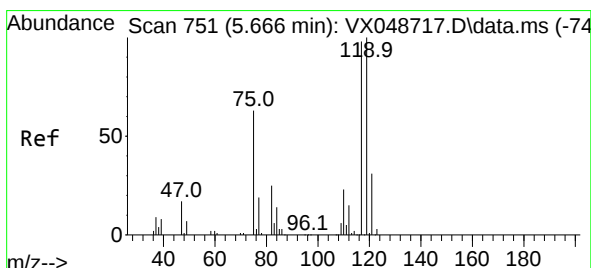
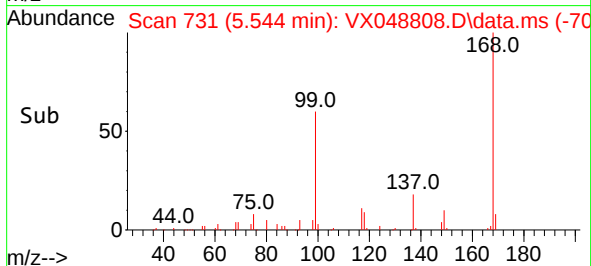
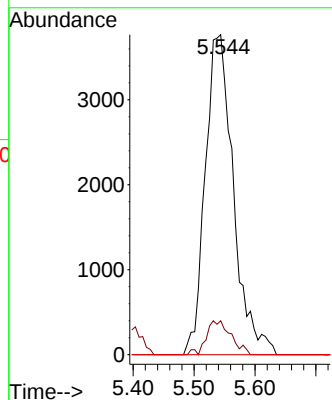
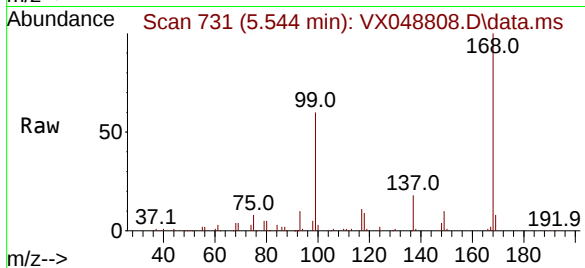
Tgt Ion: 75 Resp: 12093

Ion Ratio Lower Upper

75 100

110 9.3 18.6 55.8#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.520 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048808.D

Acq: 10 Dec 2025 14:10

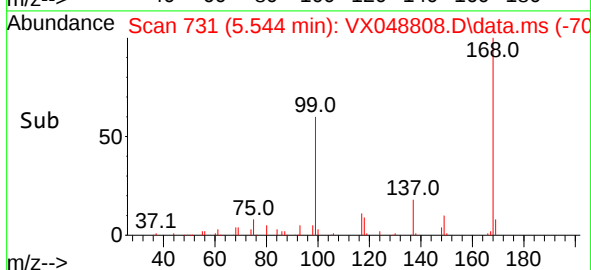
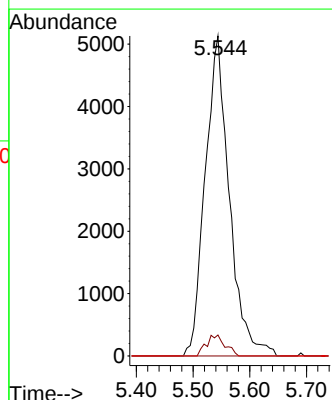
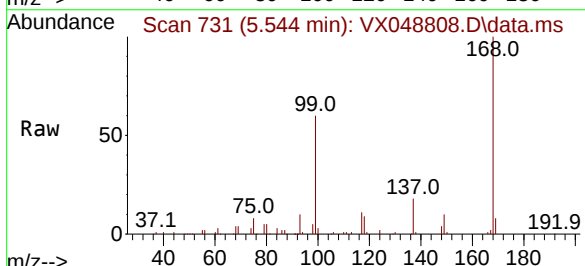
Tgt Ion: 117 Resp: 15155

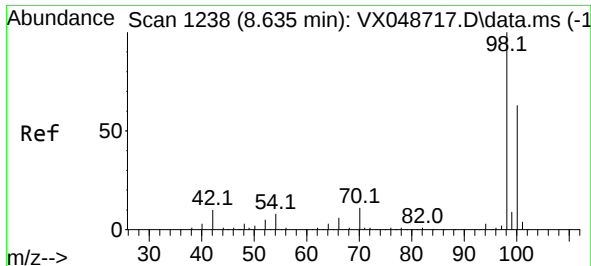
Ion Ratio Lower Upper

117 100

119 6.6 80.5 120.7#

121 0.0 25.4 38.0#

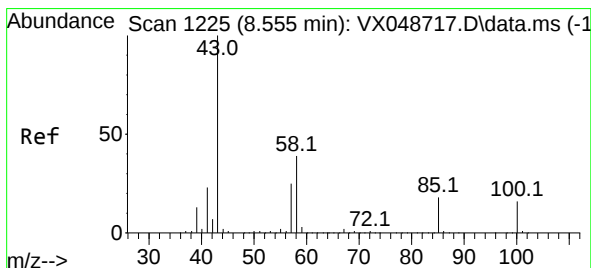
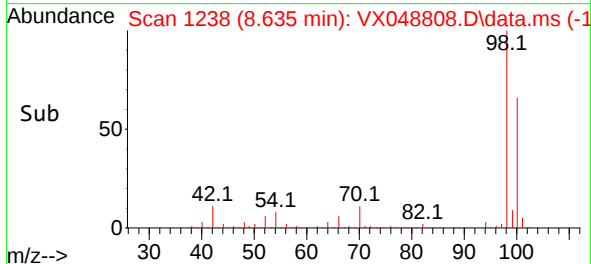
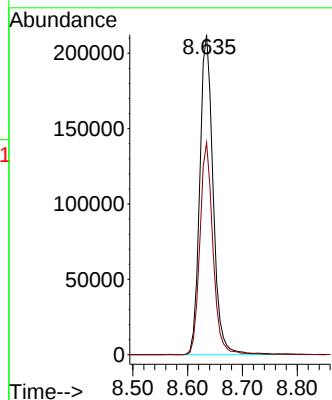
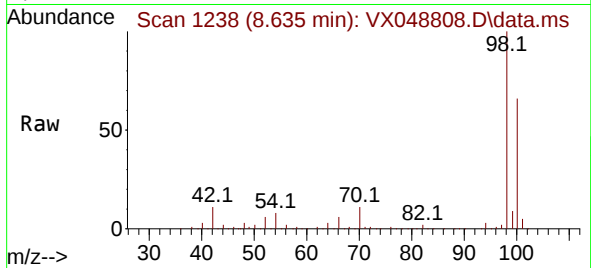




#50
Toluene-d8
Concen: 47.455 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

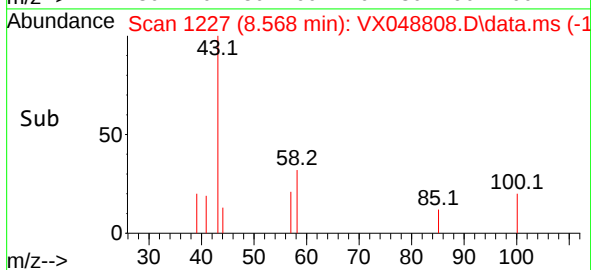
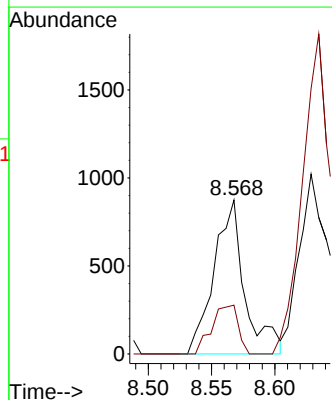
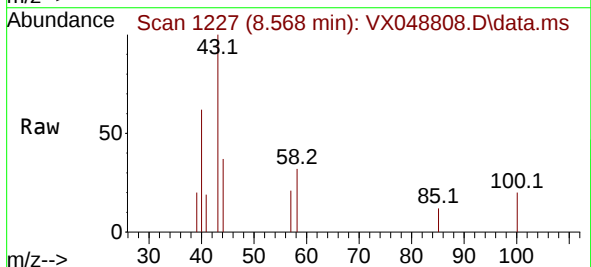
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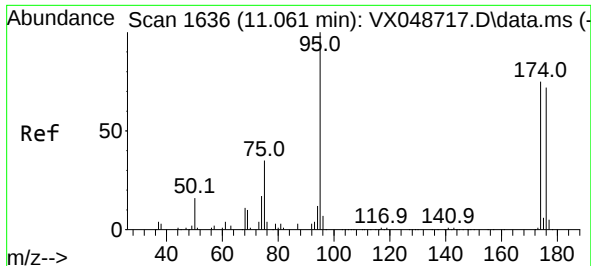
Tgt Ion: 98 Resp: 359487
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 27.1 32.2 48.4#

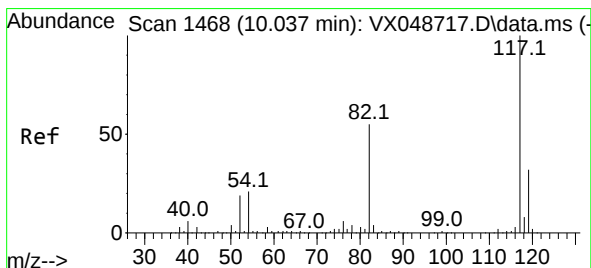
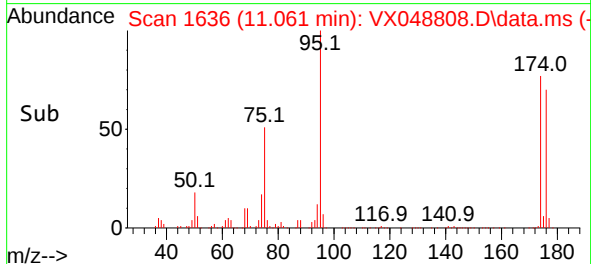
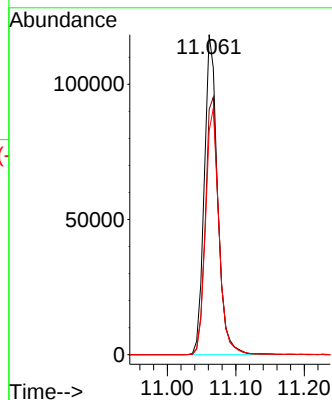
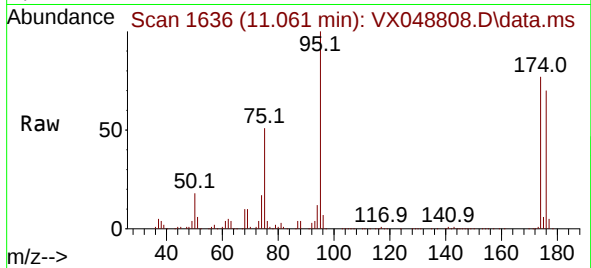




#62
4-Bromofluorobenzene
Concen: 61.175 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

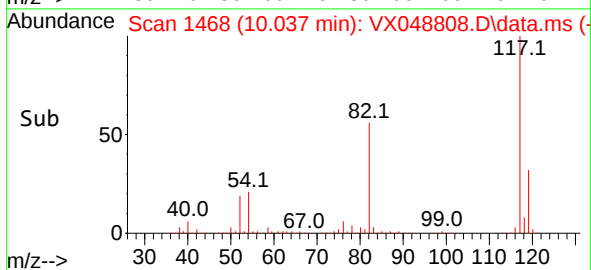
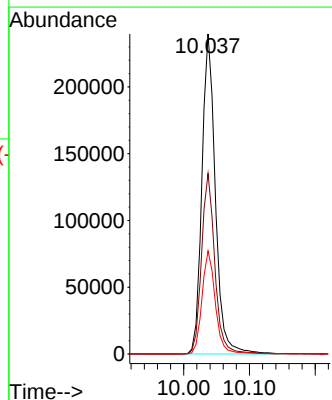
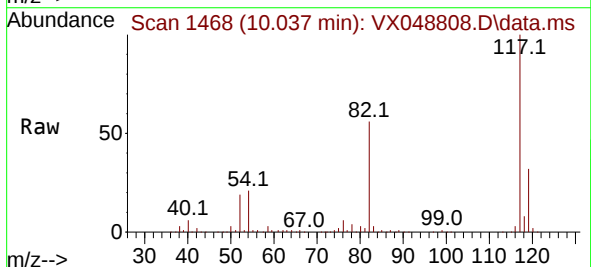
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

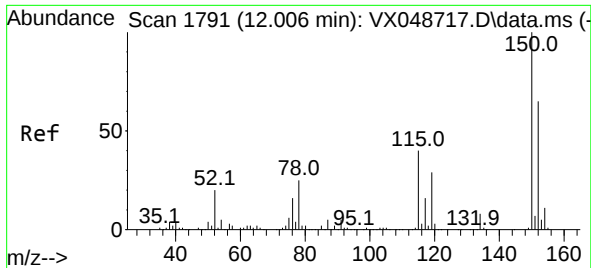
Tgt Ion: 95 Resp: 159804
Ion Ratio Lower Upper
95 100
174 81.7 0.0 157.8
176 78.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion: 117 Resp: 341495
Ion Ratio Lower Upper
117 100
82 56.4 44.1 66.1
119 32.2 25.2 37.8

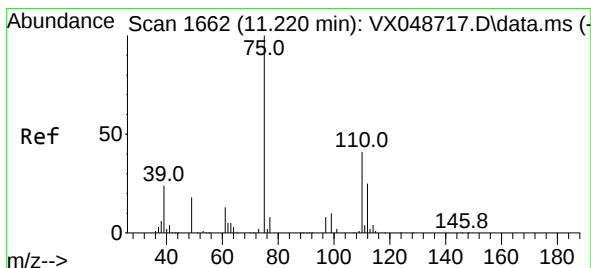
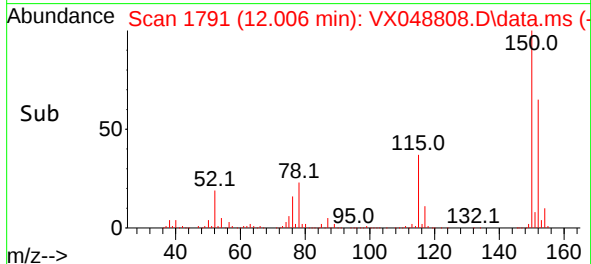
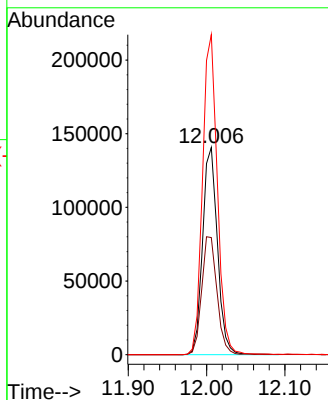
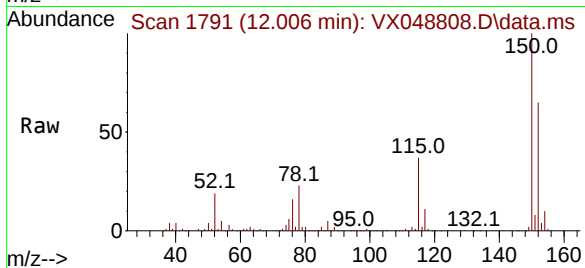




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048808.D
 Acq: 10 Dec 2025 14:10

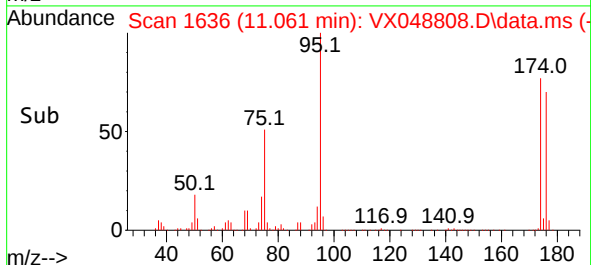
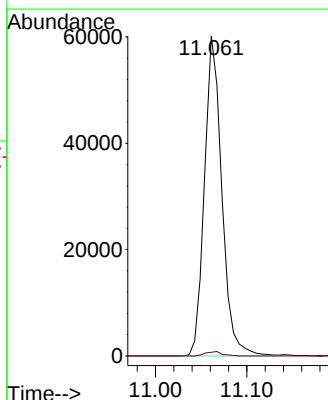
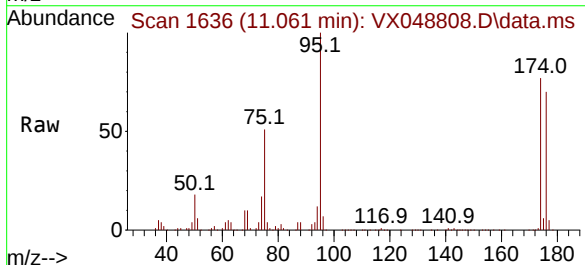
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425-FDRE

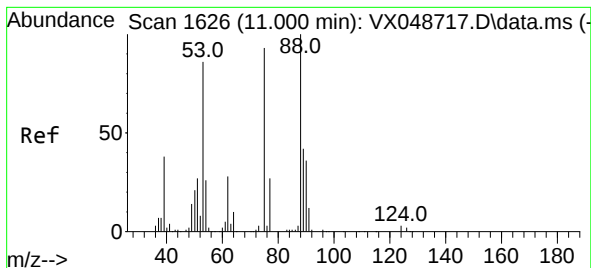
Tgt Ion:152 Resp: 184829
 Ion Ratio Lower Upper
 152 100
 115 58.9 42.1 126.4
 150 153.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.085 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048808.D
 Acq: 10 Dec 2025 14:10

Tgt Ion: 75 Resp: 79470
 Ion Ratio Lower Upper
 75 100
 77 1.3 24.3 73.0#

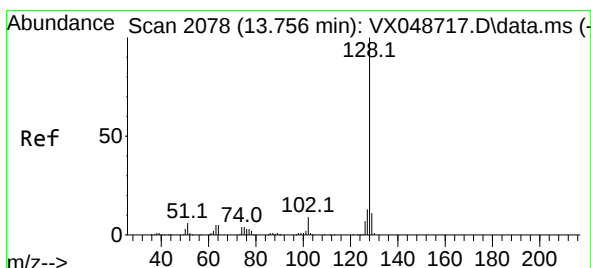
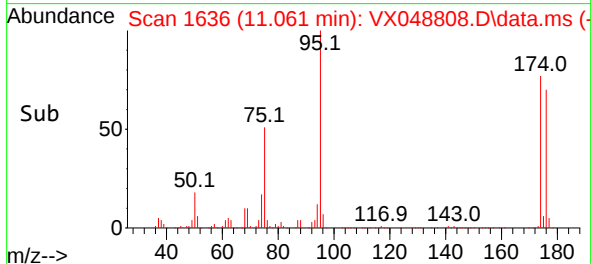
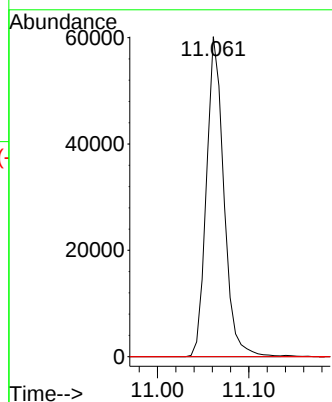
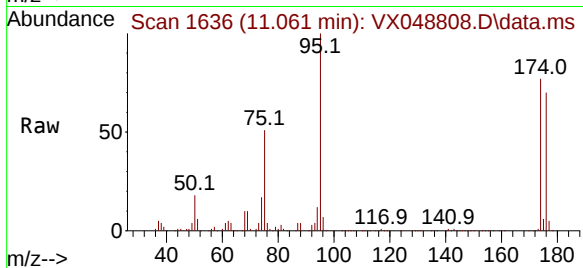




#81
trans-1,4-Dichloro-2-butene
Concen: 54.836 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425-FDRE

Tgt Ion: 75 Resp: 79470
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048808.D
Acq: 10 Dec 2025 14:10

Tgt Ion:128 Resp: 1160
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 11.6 8.6 13.0

