

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048807.D
 Acq On : 10 Dec 2025 13:49
 Operator : JC/MD
 Sample : Q3787-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 11 00:21:56 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)

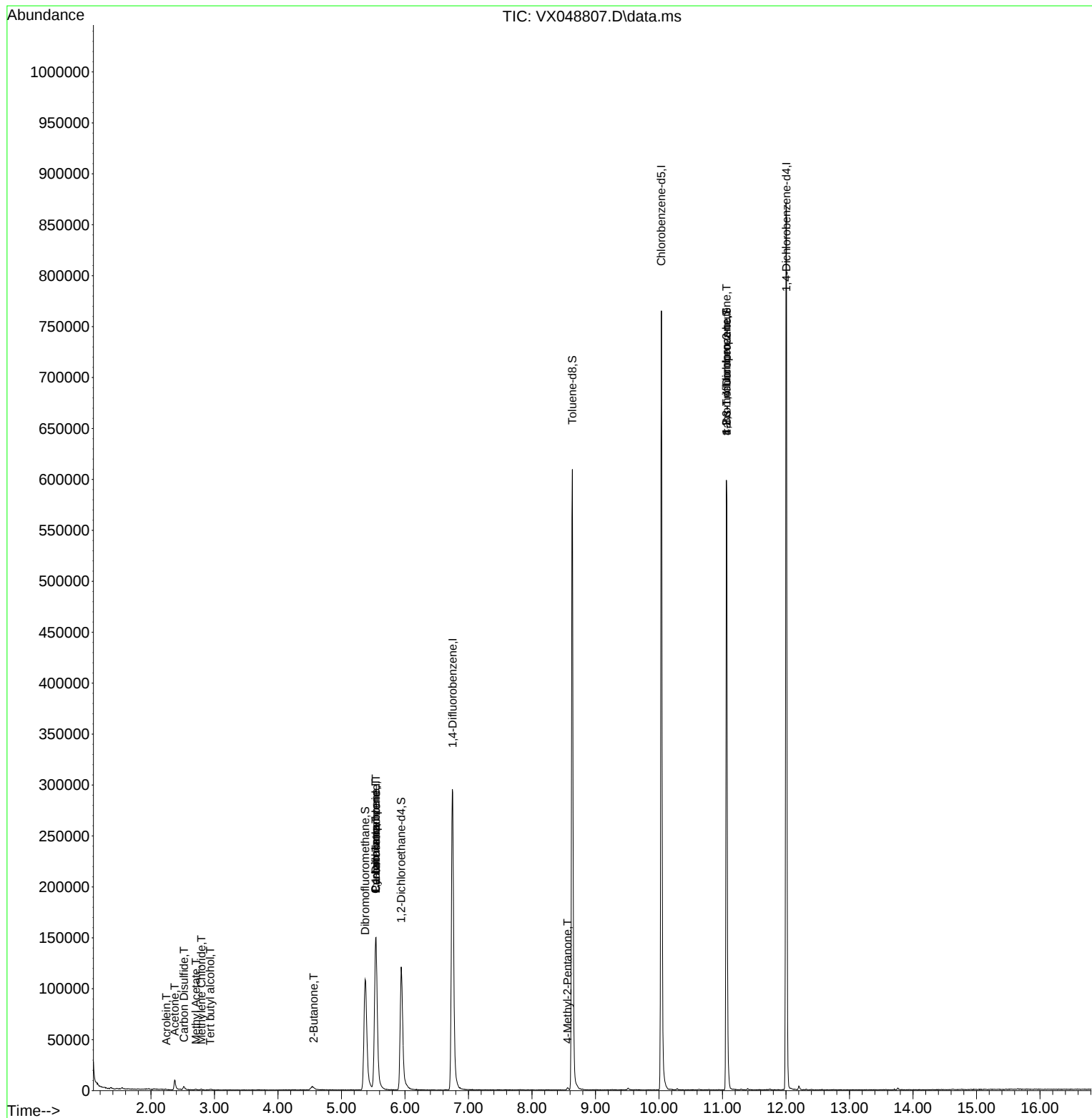
Internal Standards						
1) Pentafluorobenzene	5.544	168	160525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	337243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	371573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	199241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129478	60.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	120.200%#
35) Dibromofluoromethane	5.373	113	110759	47.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.635	98	387316	47.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.061	95	175644	62.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.160%#
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.935	59	295	0.848	ug/l #	73
13) Acrolein	2.240	56	19	40.225	ug/l #	1
16) Acetone	2.374	43	12860	15.592	ug/l	96
17) Carbon Disulfide	2.520	76	1189	0.220	ug/l #	74
18) Methyl Acetate	2.709	43	1387	0.598	ug/l #	71
20) Methylene Chloride	2.794	84	518	0.251	ug/l #	73
25) 2-Butanone	4.562	43	799	0.656	ug/l #	46
31) Cyclohexane	5.538	56	3095	1.063	ug/l #	21
36) 1,1-Dichloropropene	5.538	75	11925	3.750	ug/l #	45
38) Carbon Tetrachloride	5.544	117	16071	4.461	ug/l #	16
51) 4-Methyl-2-Pentanone	8.562	43	1783	0.499	ug/l	92
76) 1,2,3-Trichloropropane	11.061	75	86857	23.406	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	86857	55.598	ug/l #	3
95) Naphthalene	13.762	128	1866	Below Cal	#	86

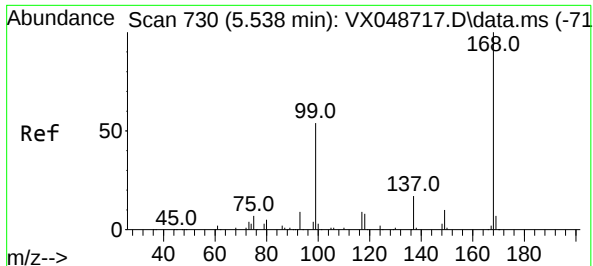
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048807.D
Acq On : 10 Dec 2025 13:49
Operator : JC/MD
Sample : Q3787-07RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 11 00:21:56 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

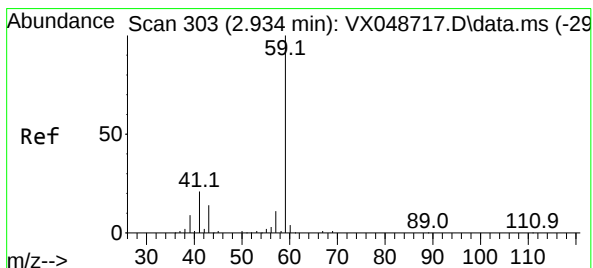
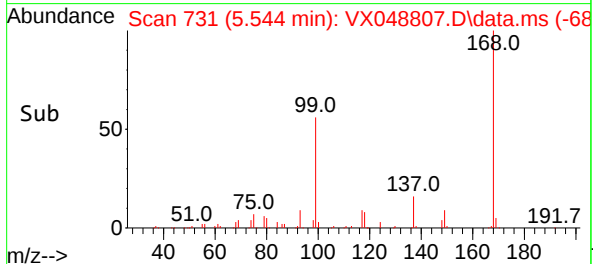
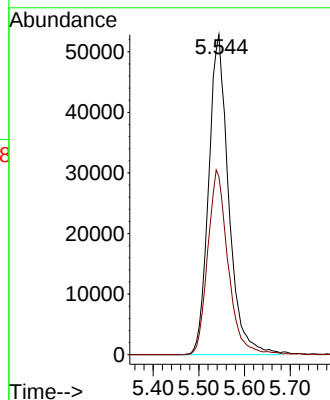
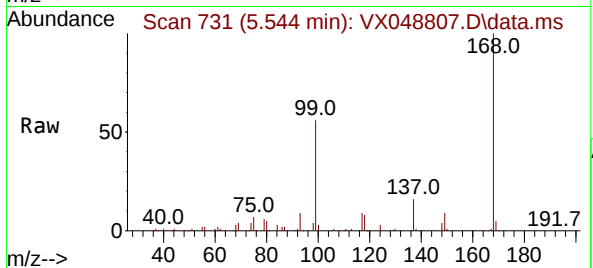




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

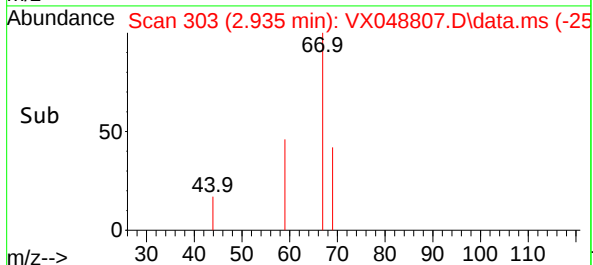
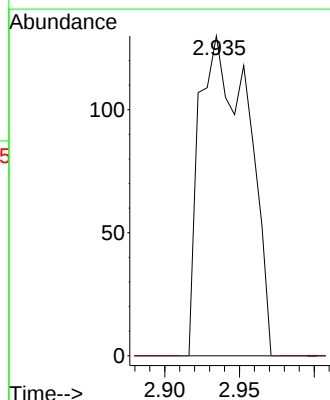
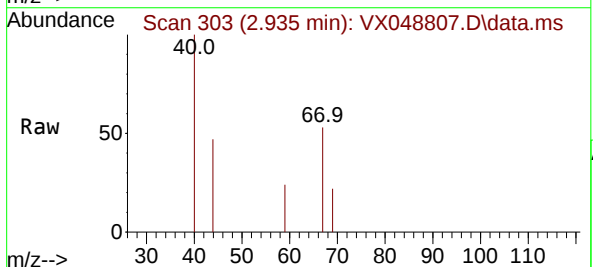
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

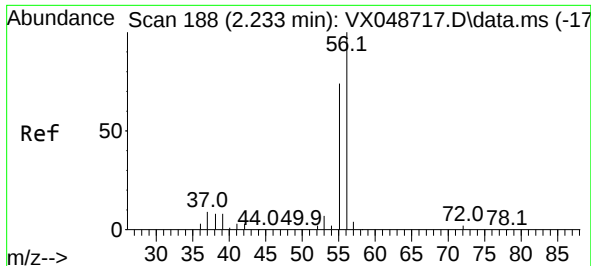
Tgt Ion:168 Resp: 160525
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.848 ug/l
RT: 2.935 min Scan# 303
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

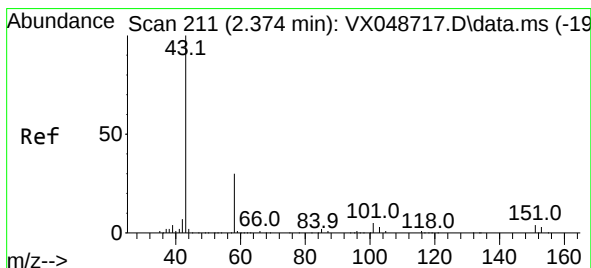
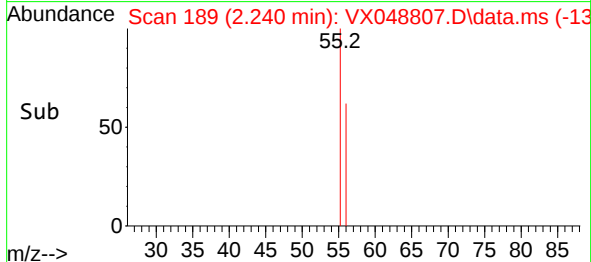
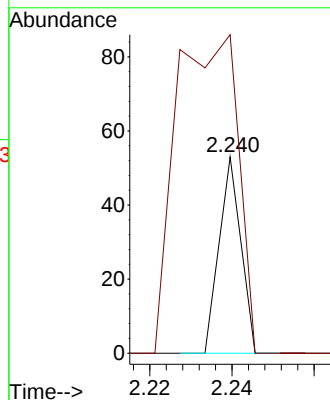
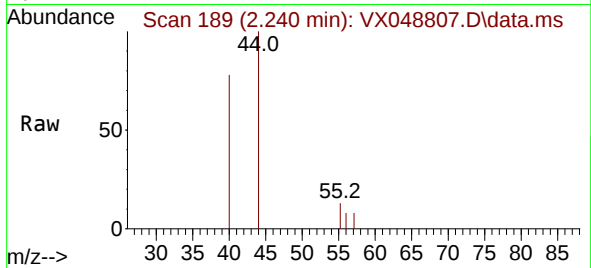




#13
Acrolein
Concen: 40.225 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

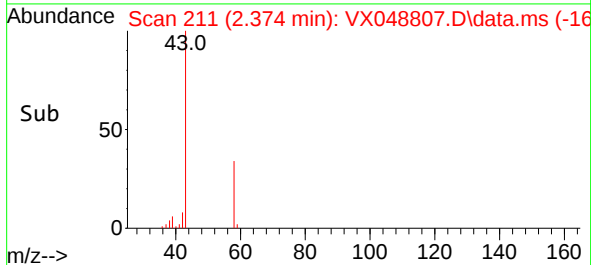
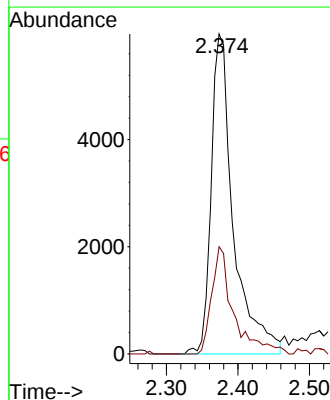
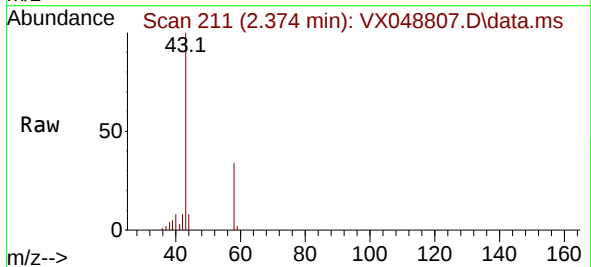
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

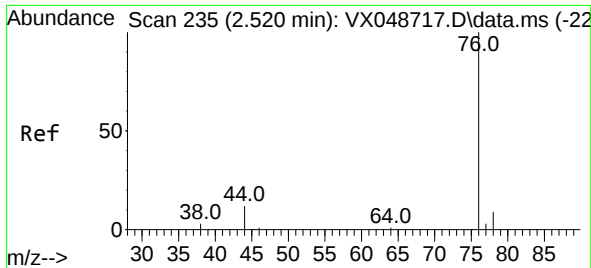
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 473.7 55.8 83.6#



#16
Acetone
Concen: 15.592 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 43 Resp: 12860
Ion Ratio Lower Upper
43 100
58 33.5 25.0 37.4

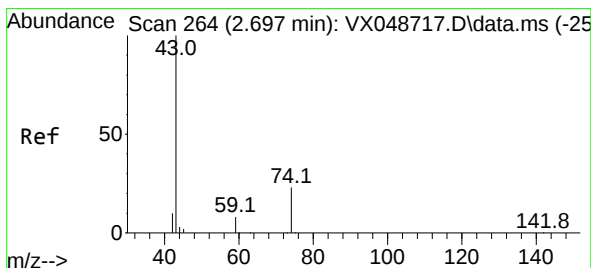
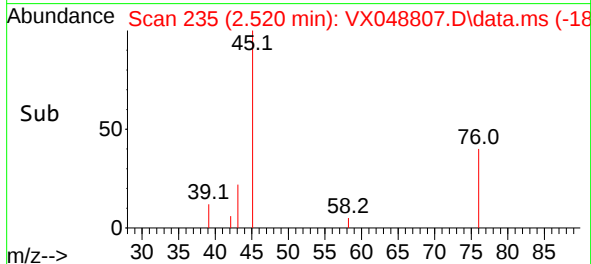
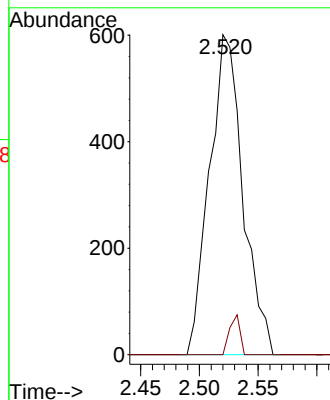
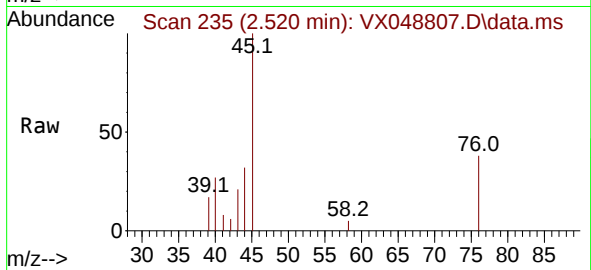




#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

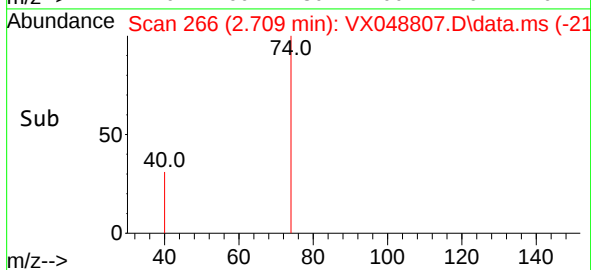
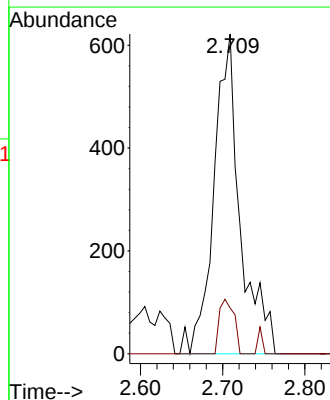
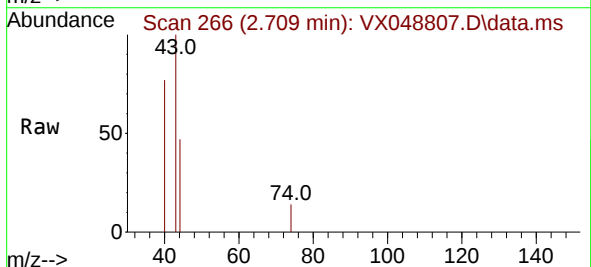
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

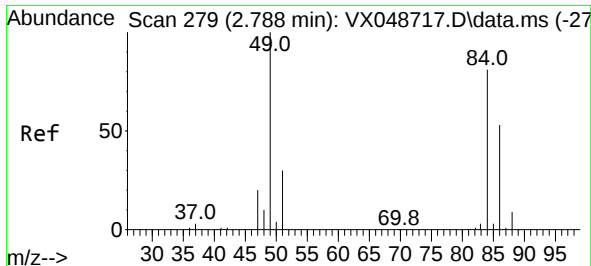
Tgt Ion: 76 Resp: 1189
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.598 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
74 9.5 19.2 28.8#

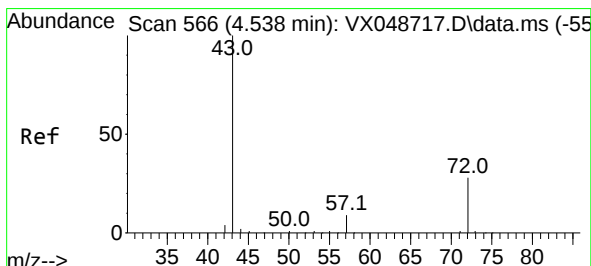
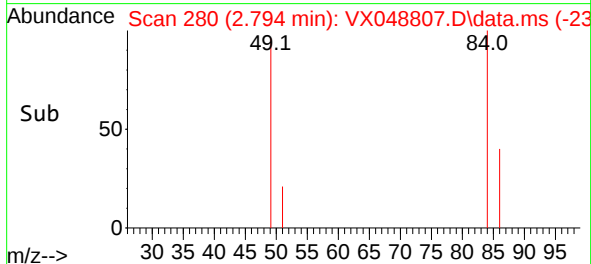
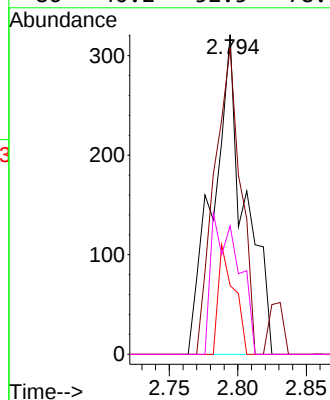
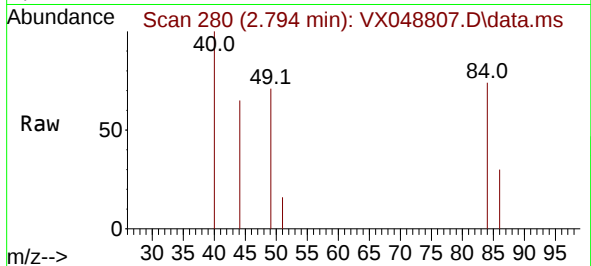




#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

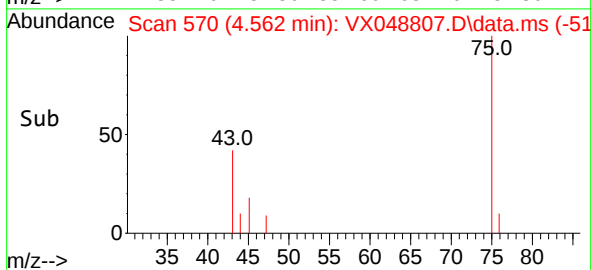
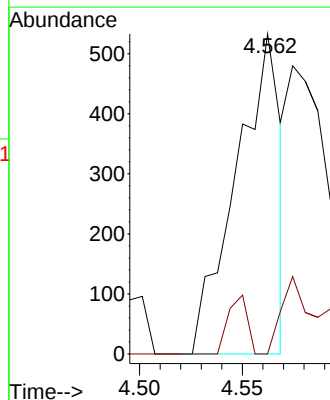
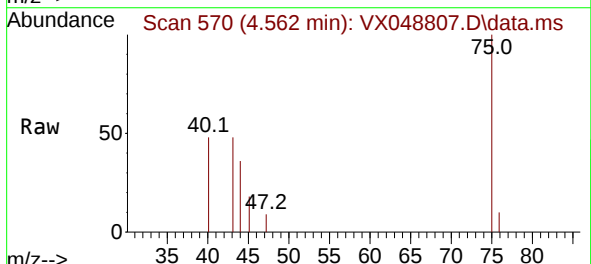
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

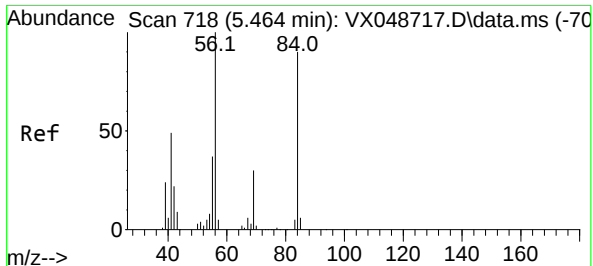
Tgt Ion:	84	Resp:	518
Ion	Ratio	Lower	Upper
84	100		
49	96.0	98.7	148.1#
51	21.5	29.4	44.2#
86	40.2	52.5	78.7#



#25
2-Butanone
Concen: 0.656 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

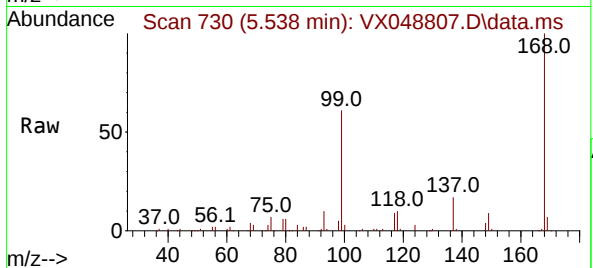
Tgt Ion:	43	Resp:	799
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.6	34.0#



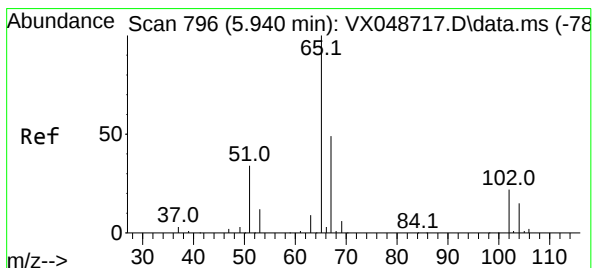
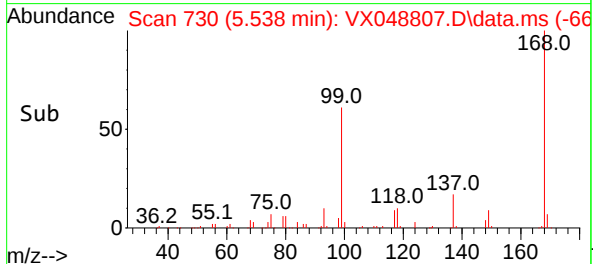
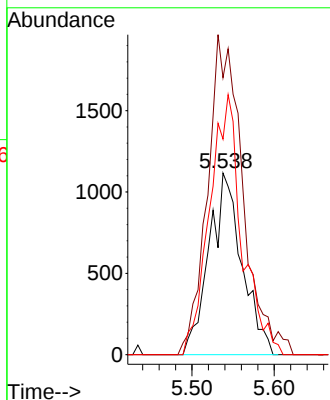


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

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

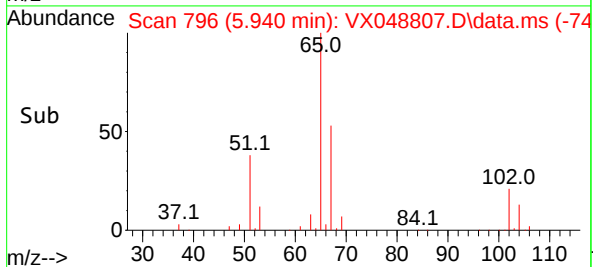
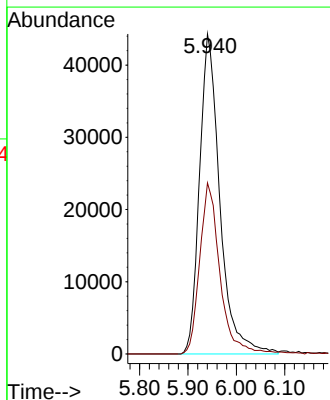
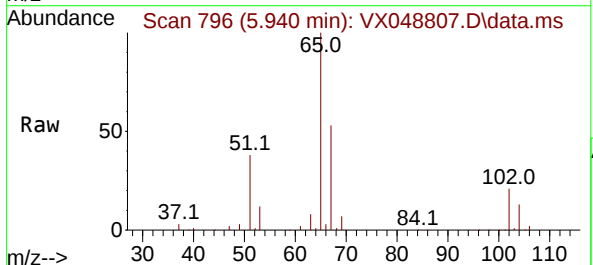


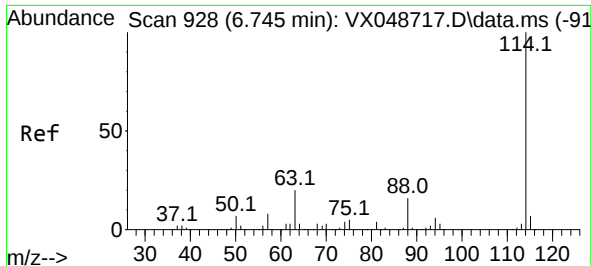
Tgt Ion: 56 Resp: 3095
Ion Ratio Lower Upper
56 100
69 152.5 24.2 36.2#
84 118.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 60.095 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 65 Resp: 129478
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4

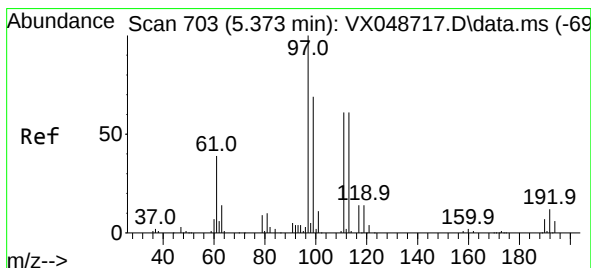
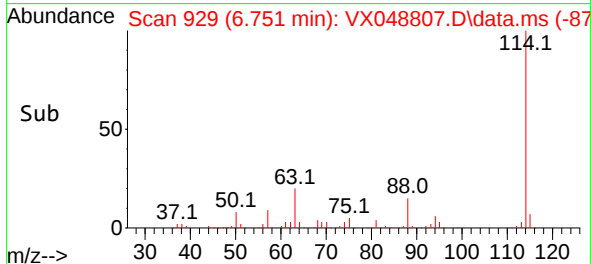
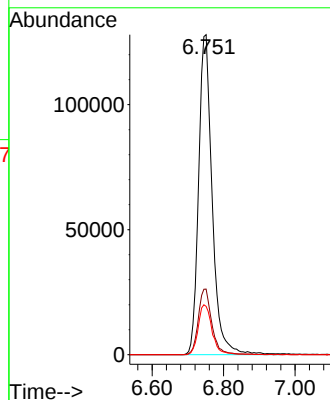
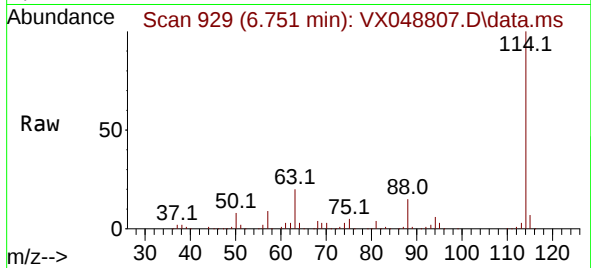




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

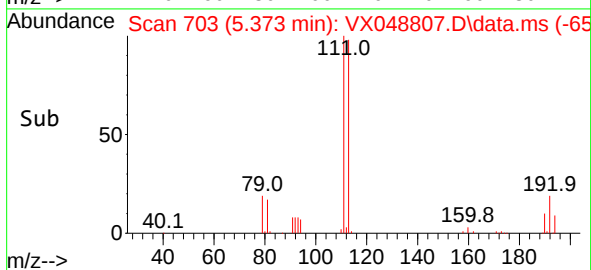
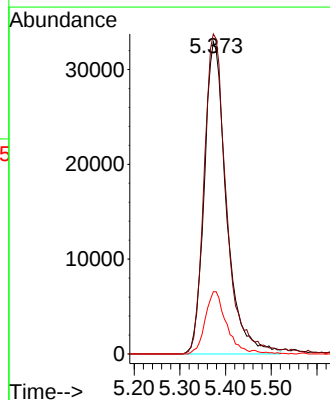
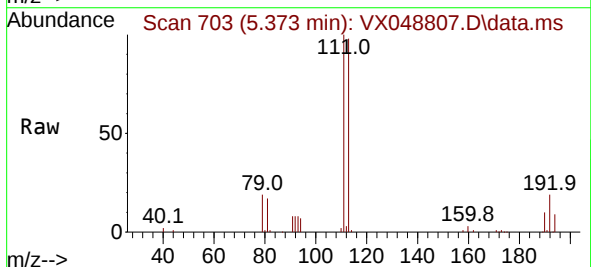
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

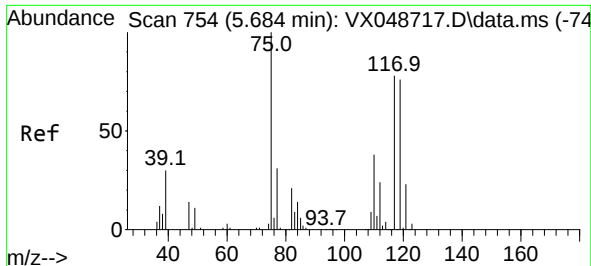
Tgt Ion:114 Resp: 337243
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.0
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.699 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion:113 Resp: 110759
Ion Ratio Lower Upper
113 100
111 103.0 79.5 119.3
192 18.8 16.1 24.1

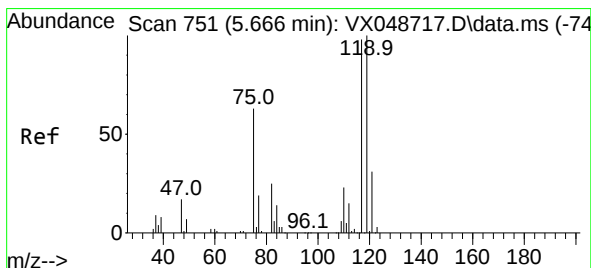
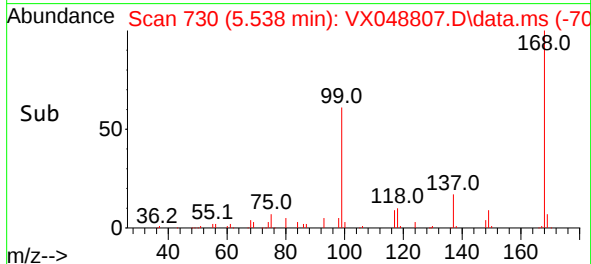
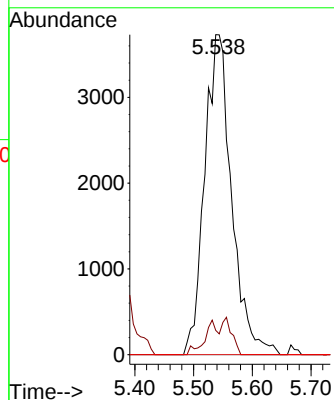
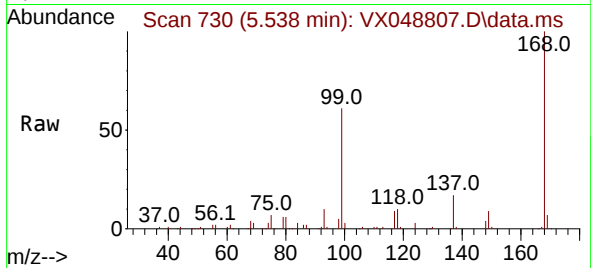




#36
1,1-Dichloropropene
Concen: 3.750 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

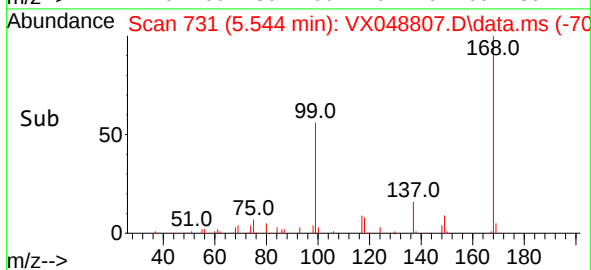
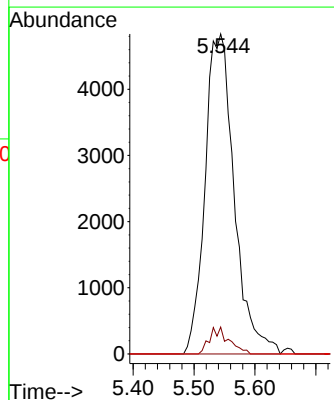
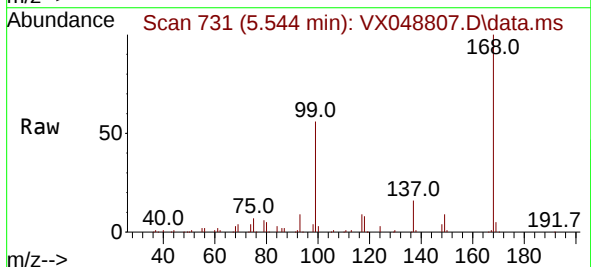
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

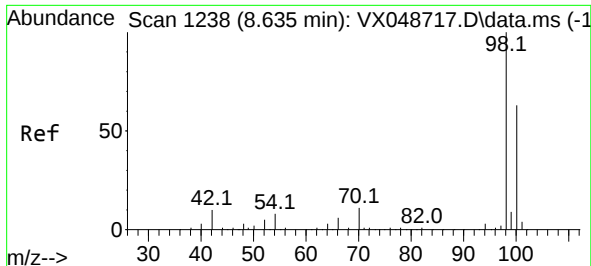
Tgt Ion: 75 Resp: 11925
Ion Ratio Lower Upper
75 100
110 5.4 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.461 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 117 Resp: 16071
Ion Ratio Lower Upper
117 100
119 8.4 80.5 120.7#
121 0.0 25.4 38.0#

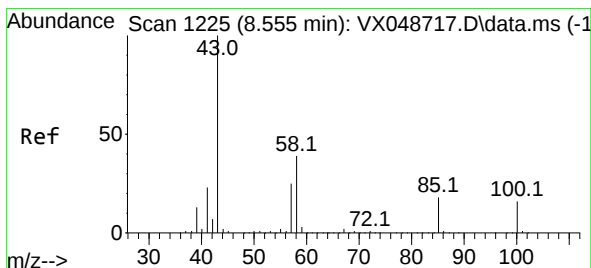
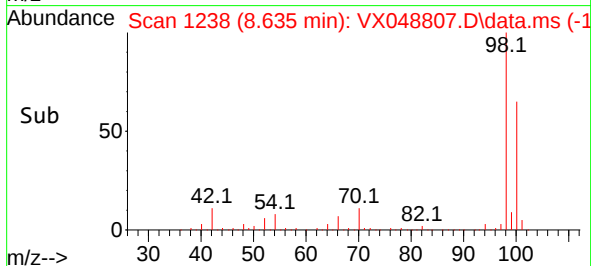
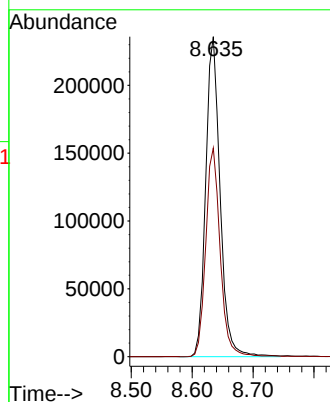
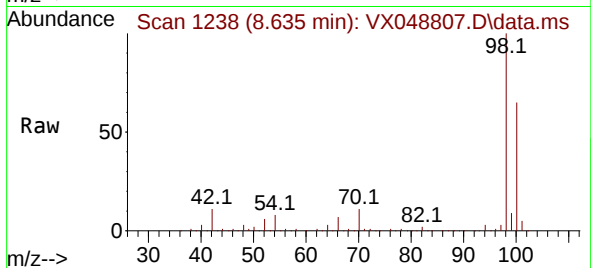




#50
Toluene-d8
Concen: 47.585 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

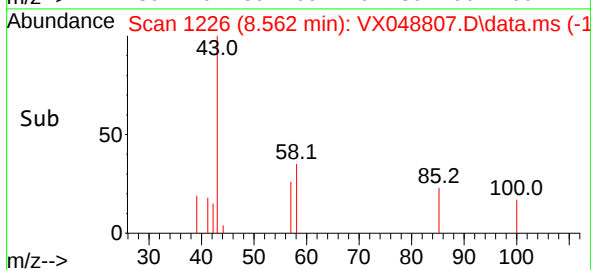
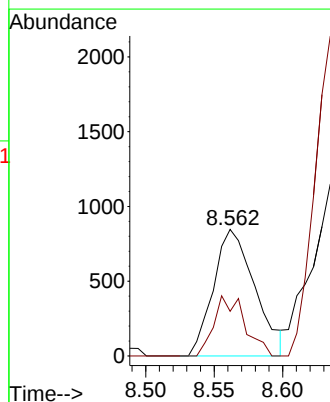
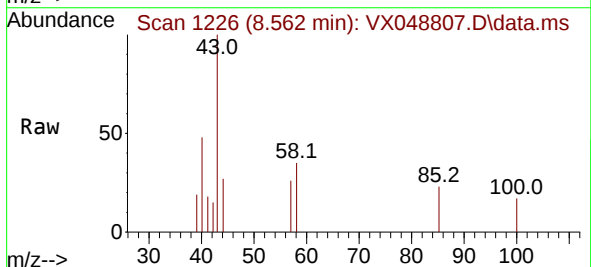
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

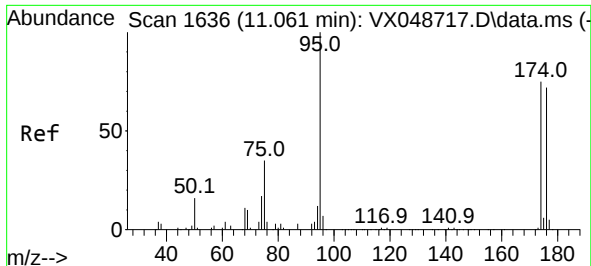
Tgt Ion: 98 Resp: 387316
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 43 Resp: 1783
Ion Ratio Lower Upper
43 100
58 35.2 32.2 48.4

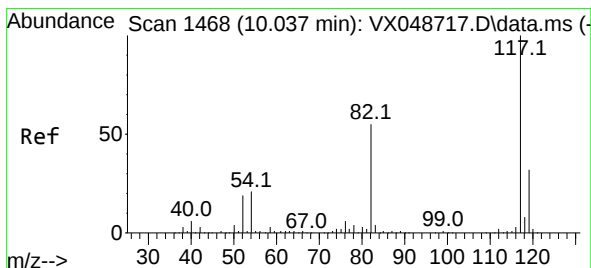
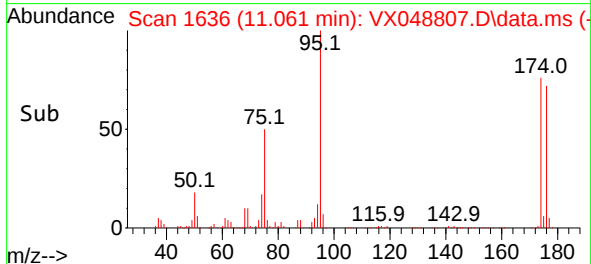
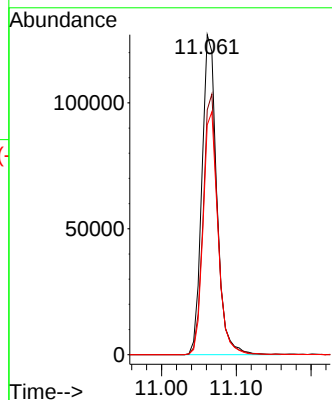
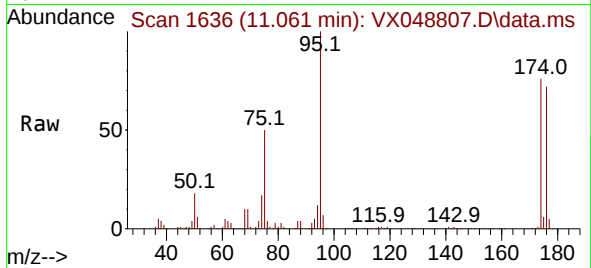




#62
4-Bromofluorobenzene
Concen: 62.579 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

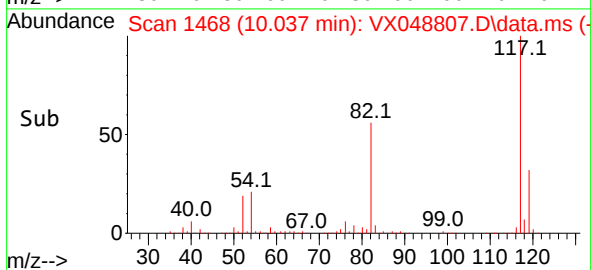
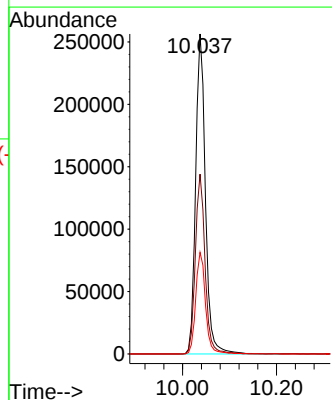
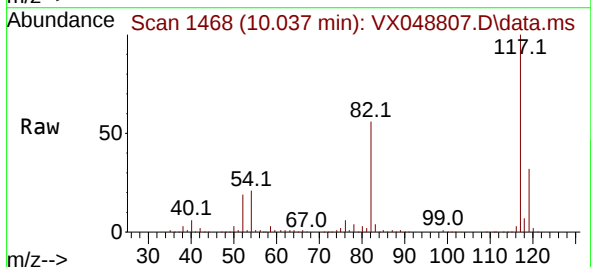
Instrument :
MSVOA_X
ClientSampleId :
OWBR-02-170-120425RE

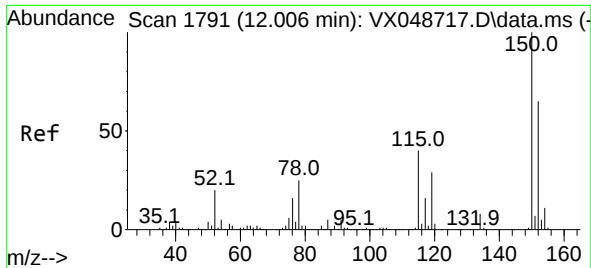
Tgt Ion: 95 Resp: 175644
Ion Ratio Lower Upper
95 100
174 80.6 0.0 157.8
176 76.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 117 Resp: 371573
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 31.8 25.2 37.8

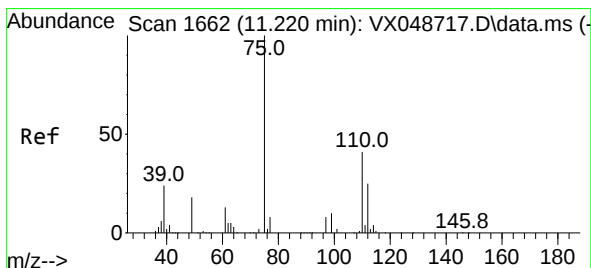
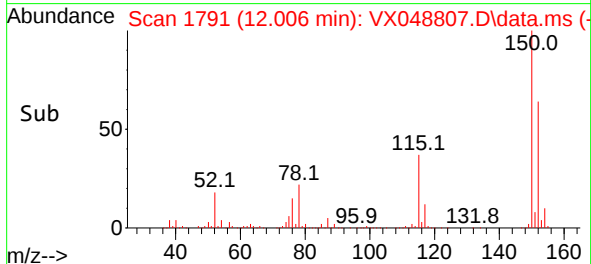
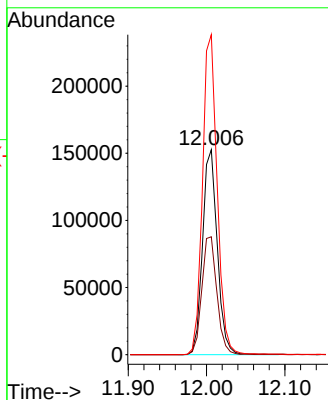
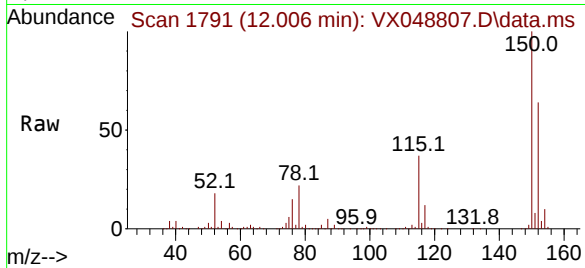




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048807.D
 Acq: 10 Dec 2025 13:49

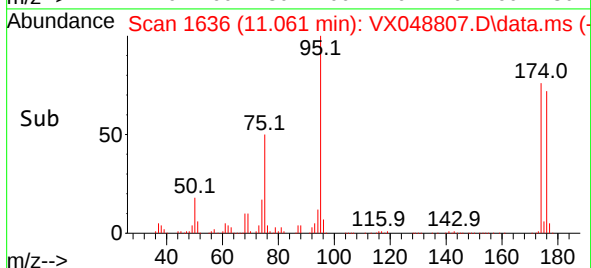
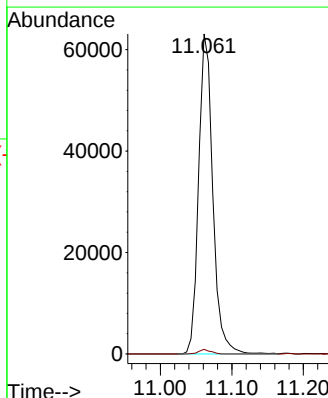
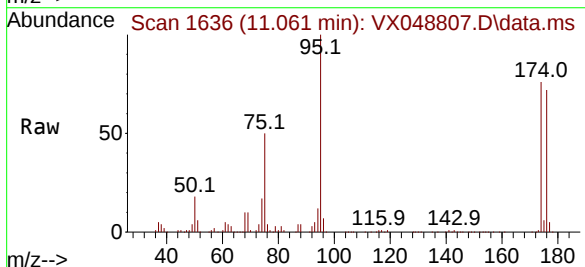
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-02-170-120425RE

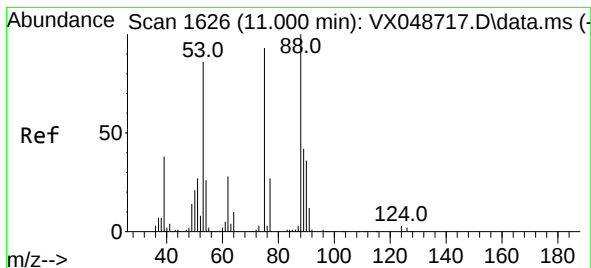
Tgt Ion:152 Resp: 199241
 Ion Ratio Lower Upper
 152 100
 115 58.9 42.1 126.4
 150 155.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.406 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048807.D
 Acq: 10 Dec 2025 13:49

Tgt Ion: 75 Resp: 86857
 Ion Ratio Lower Upper
 75 100
 77 1.2 24.3 73.0#

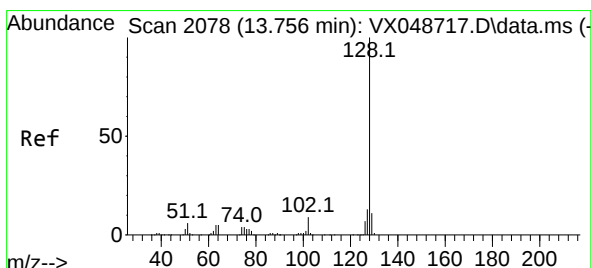
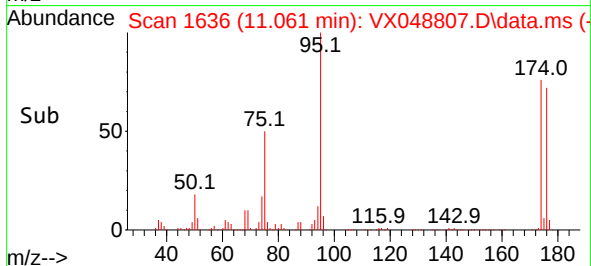
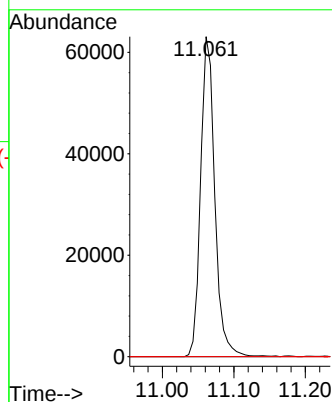
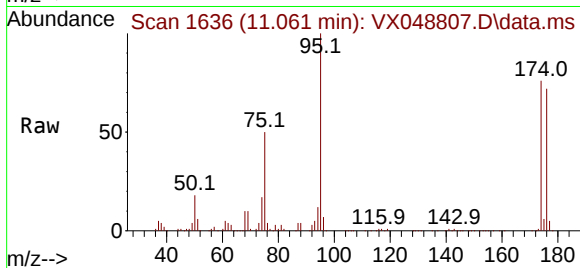




#81
trans-1,4-Dichloro-2-butene
Concen: 55.598 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048807.D
Acq: 10 Dec 2025 13:49

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

Tgt Ion: 75 Resp: 86857
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: VX048807.D
Acq: 10 Dec 2025 13:49

Tgt Ion: 128 Resp: 1866
Ion Ratio Lower Upper
128 100
127 6.1 10.2 15.2#
129 6.7 8.6 13.0#

