

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048853.D
 Acq On : 12 Dec 2025 14:36
 Operator : JC/MD
 Sample : Q3835-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-170-121025

Quant Time: Dec 12 22:13:28 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)

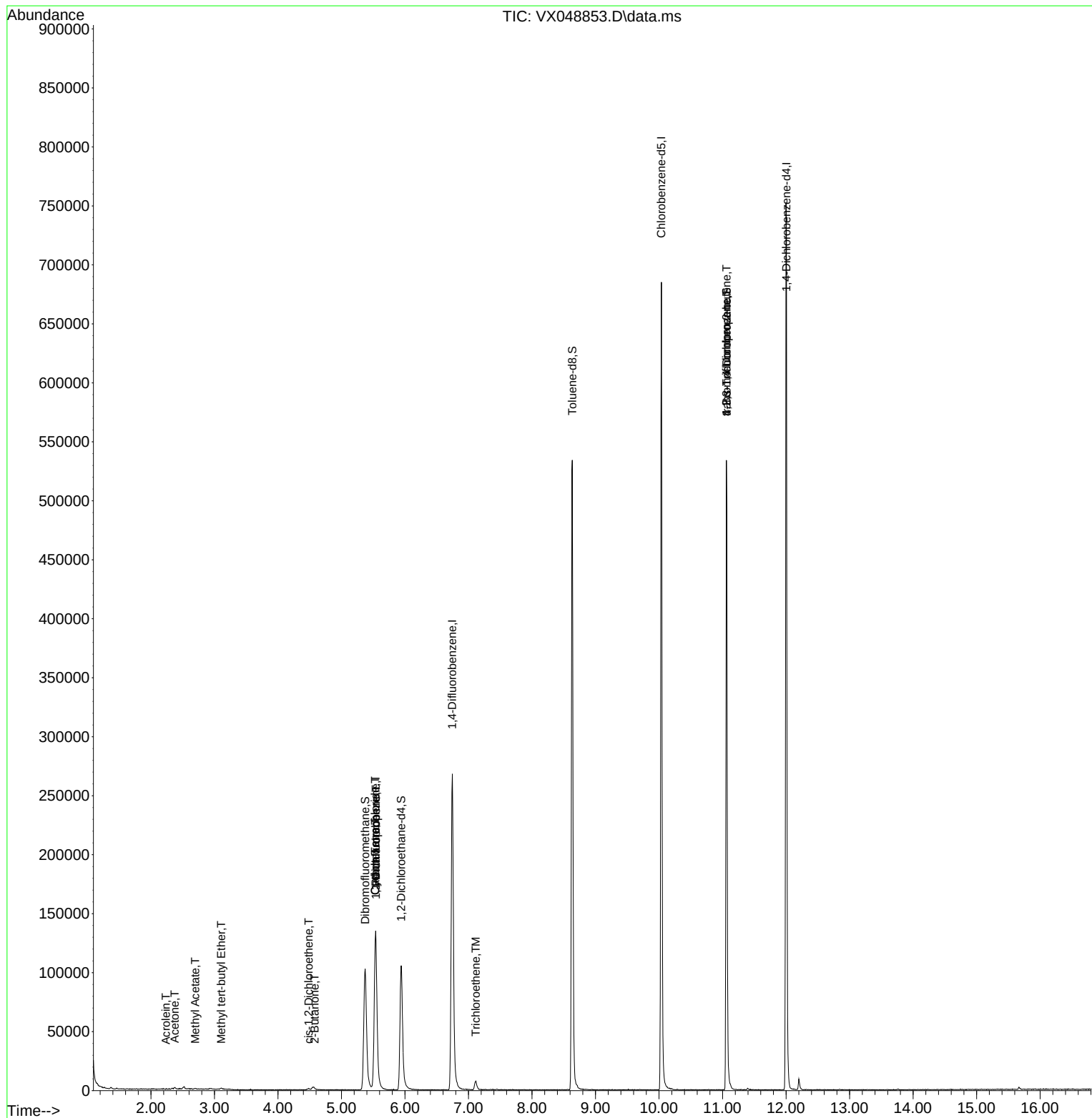
Internal Standards						
1) Pentafluorobenzene	5.538	168	137404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	292602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	323774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116026	62.914	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 125.820%#		
35) Dibromofluoromethane	5.373	113	100467	49.867	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.740%		
50) Toluene-d8	8.635	98	341625	48.375	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.740%		
62) 4-Bromofluorobenzene	11.061	95	148928	61.156	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 122.320%		
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	40	40.294	ug/l	94
16) Acetone	2.374	43	2076	2.940	ug/l #	86
18) Methyl Acetate	2.697	43	751	0.378	ug/l #	75
19) Methyl tert-butyl Ether	3.105	73	1086	0.209	ug/l #	82
25) 2-Butanone	4.574	43	319	0.306	ug/l #	46
27) cis-1,2-Dichloroethene	4.483	96	556	0.303	ug/l	98
31) Cyclohexane	5.532	56	2752	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11070	4.012	ug/l #	48
38) Carbon Tetrachloride	5.532	117	13665	4.372	ug/l #	14
44) Trichloroethene	7.117	130	3482	1.631	ug/l	82
76) 1,2,3-Trichloropropane	11.061	75	76954	24.139	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	76954	57.339	ug/l #	3
95) Naphthalene	13.762	128	703	Below Cal	#	69

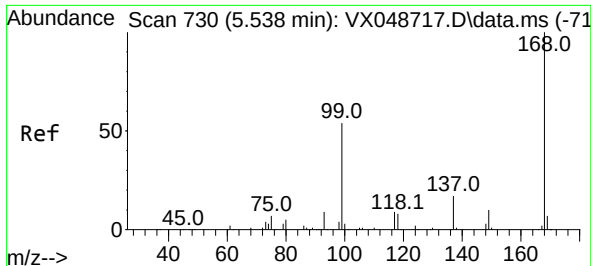
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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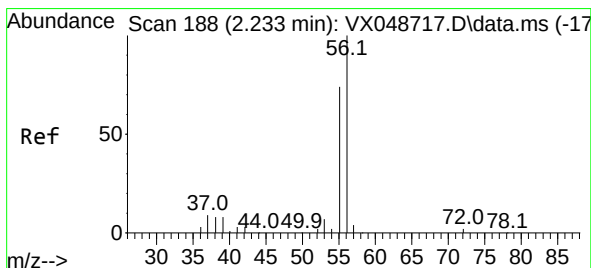
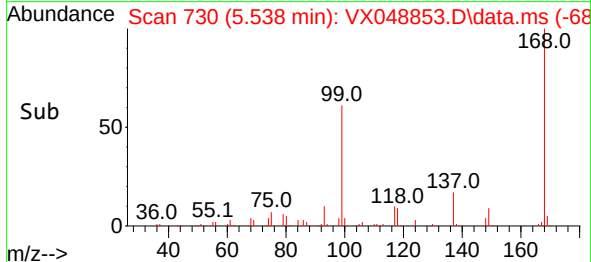
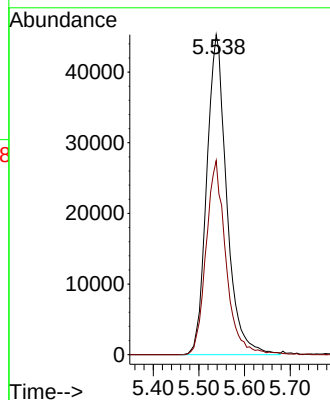
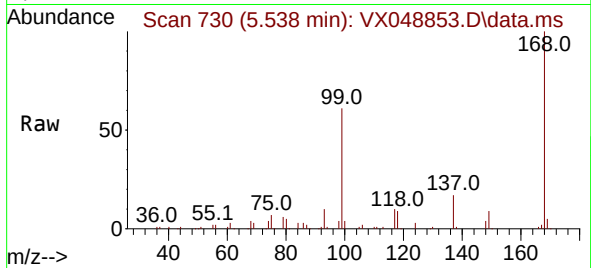




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

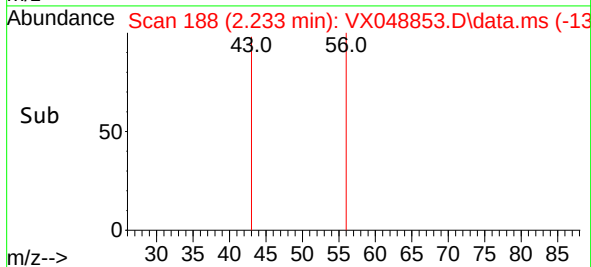
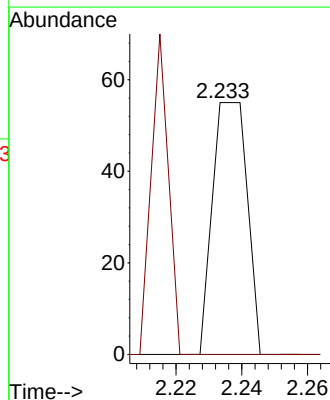
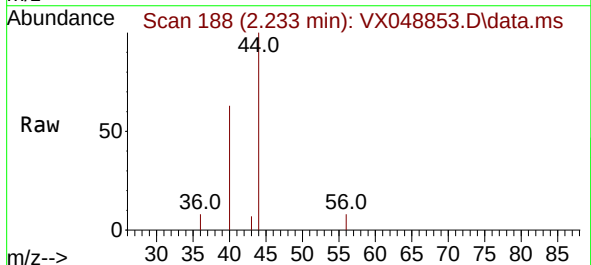
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

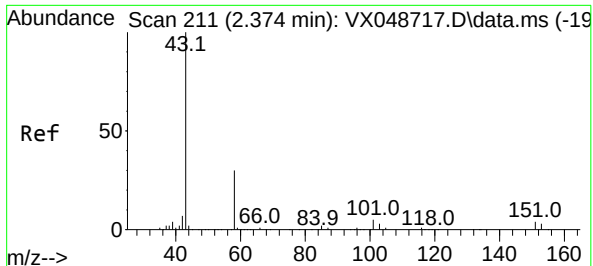
Tgt Ion:168 Resp: 137404
Ion Ratio Lower Upper
168 100
99 60.7 44.2 66.4



#13
Acrolein
Concen: 40.294 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 65.0 55.8 83.6

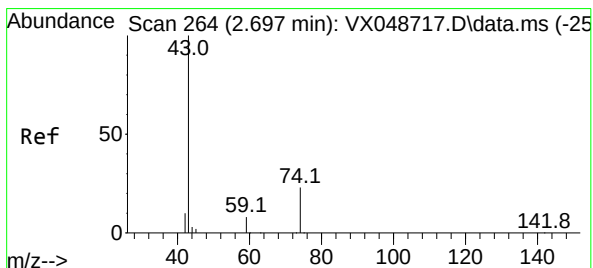
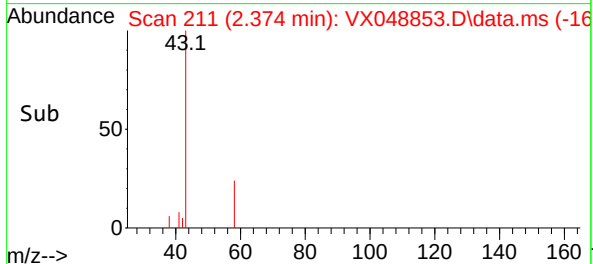
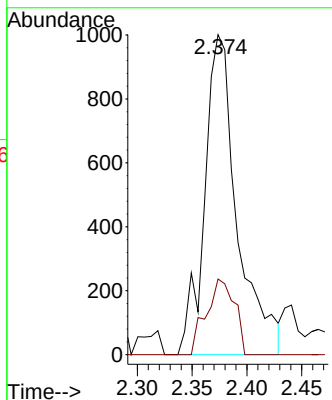
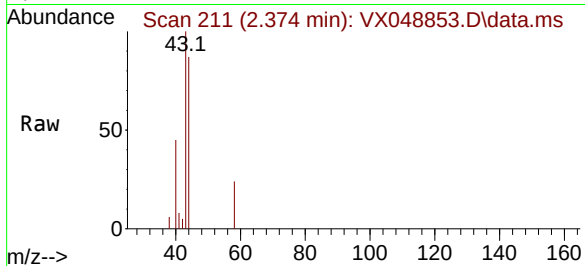




#16
Acetone
Concen: 2.940 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

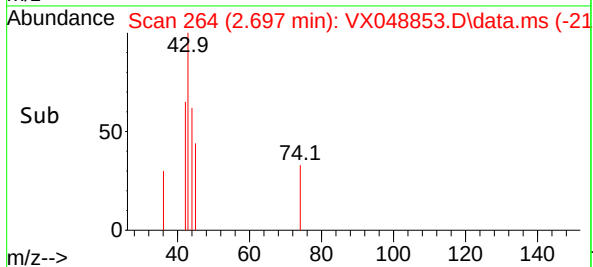
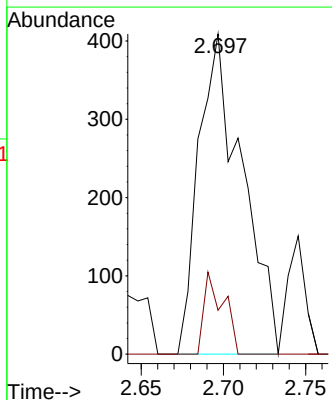
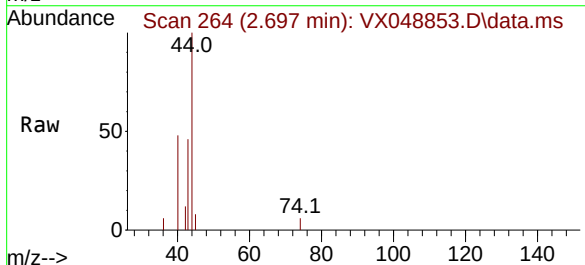
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

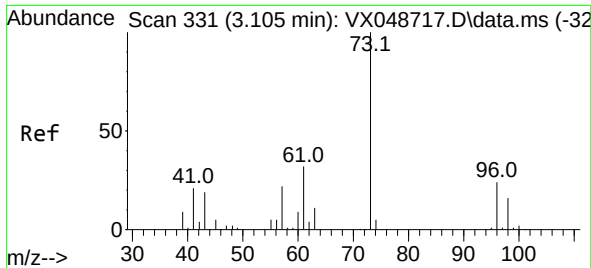
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
58 23.7 25.0 37.4#



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
74 11.5 19.2 28.8#

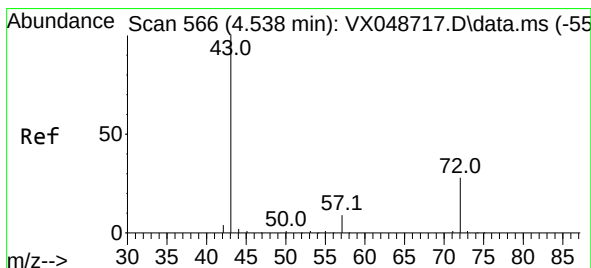
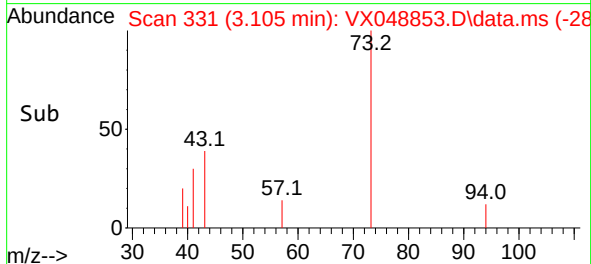
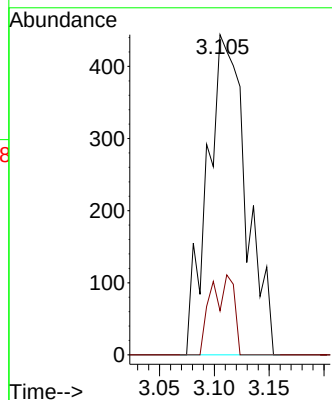
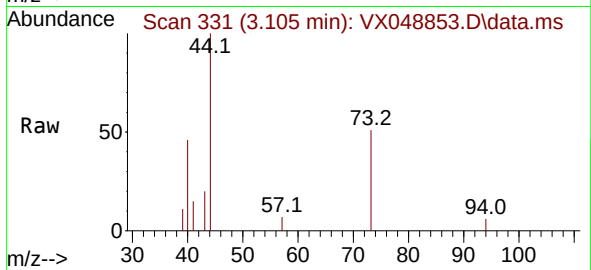




#19
Methyl tert-butyl Ether
Concen: 0.209 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

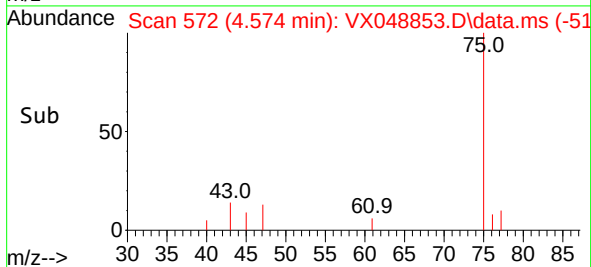
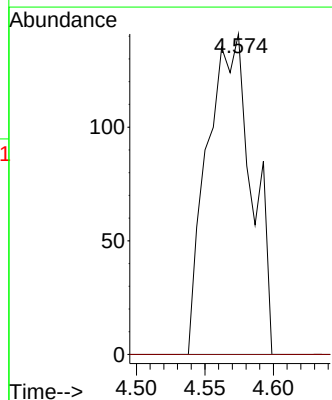
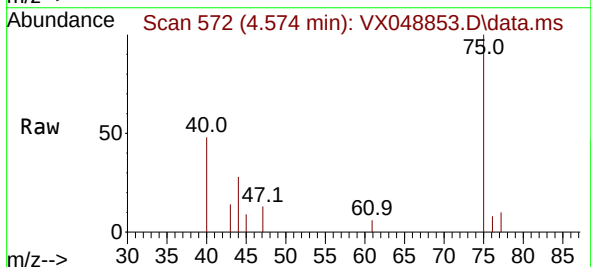
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

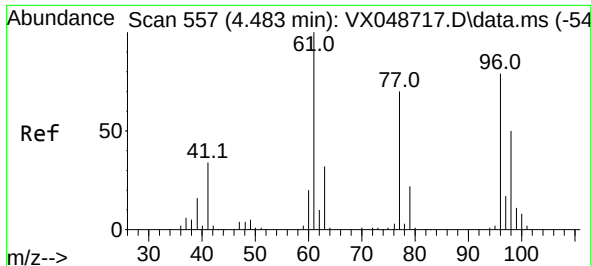
Tgt Ion: 73 Resp: 1086
Ion Ratio Lower Upper
73 100
57 13.7 17.8 26.6#



#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.037 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#

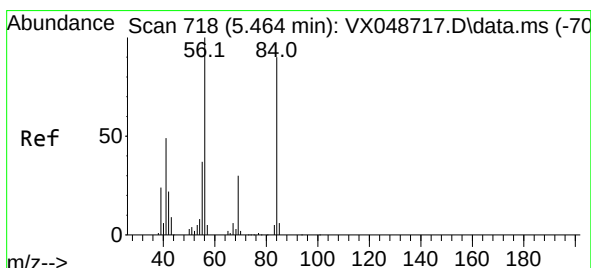
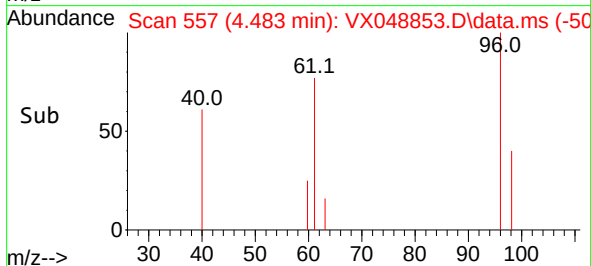
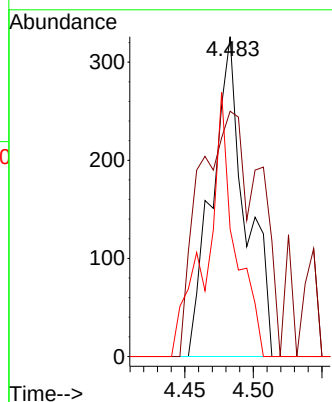
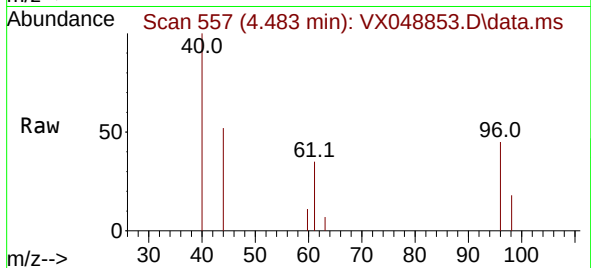




#27
 cis-1,2-Dichloroethene
 Concen: 0.303 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX048853.D
 Acq: 12 Dec 2025 14:36

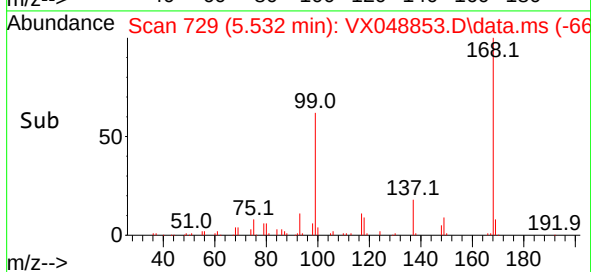
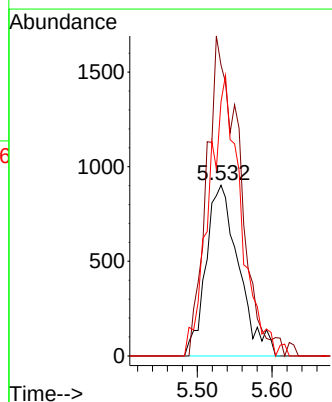
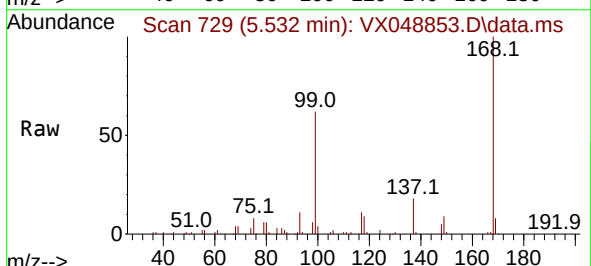
Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-170-121025

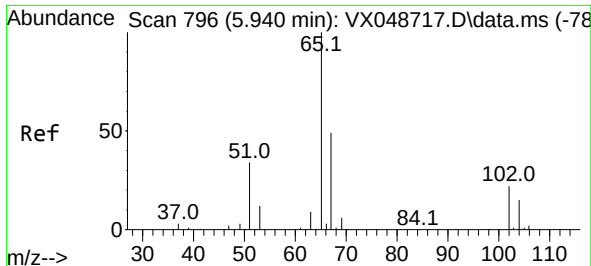
Tgt Ion:	96	Resp:	556
Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	271.0
98	69.2	0.0	130.2



#31
 Cyclohexane
 Concen: 1.104 ug/l
 RT: 5.532 min Scan# 729
 Delta R.T. 0.067 min
 Lab File: VX048853.D
 Acq: 12 Dec 2025 14:36

Tgt Ion:	56	Resp:	2752
Ion	Ratio	Lower	Upper
56	100		
69	170.4	24.2	36.2#
84	148.9	72.1	108.1#





#33

1,2-Dichloroethane-d4

Concen: 62.914 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048853.D

Acq: 12 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

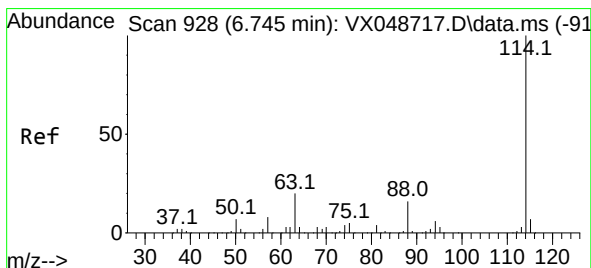
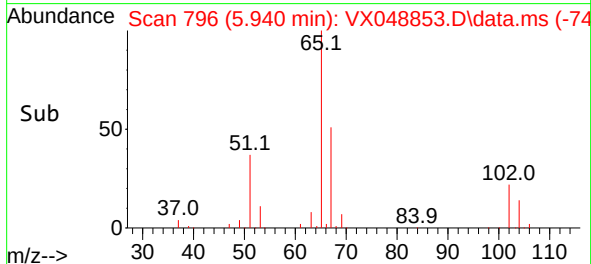
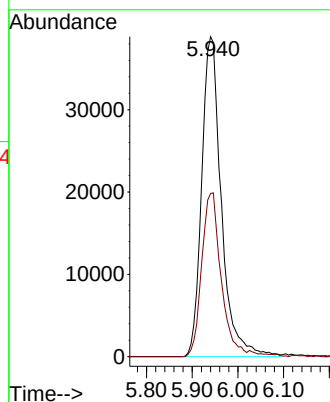
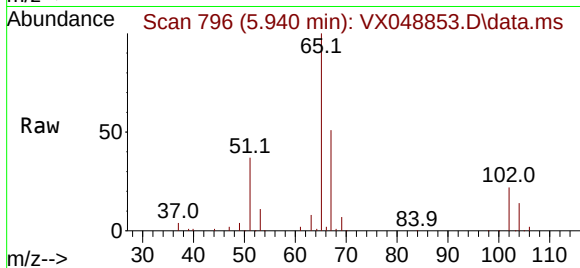
OWBR-01-170-121025

Tgt Ion: 65 Resp: 116026

Ion Ratio Lower Upper

65 100

67 50.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048853.D

Acq: 12 Dec 2025 14:36

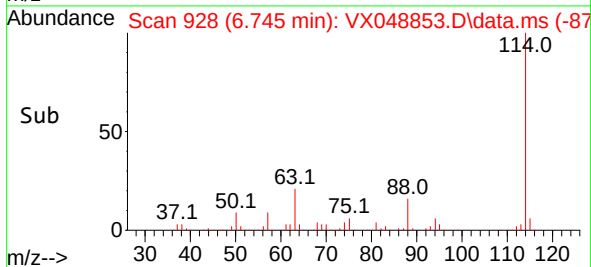
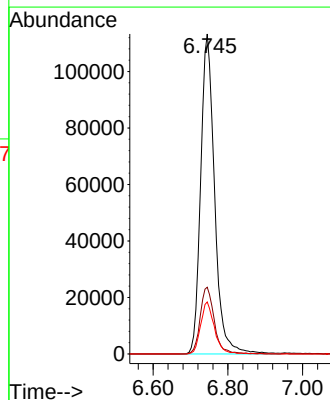
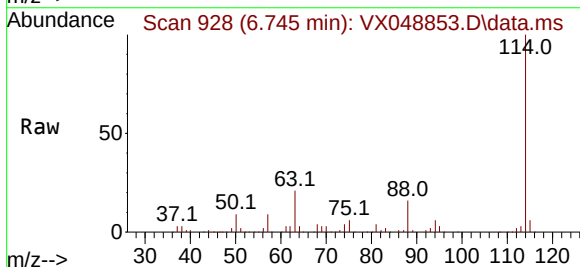
Tgt Ion: 114 Resp: 292602

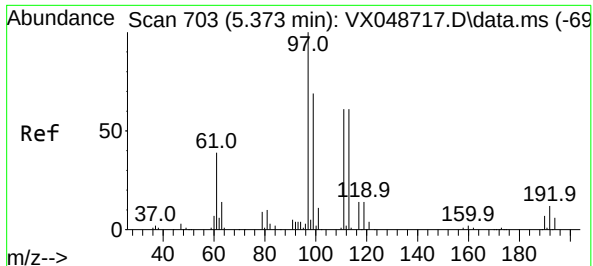
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

88 16.2 0.0 31.8

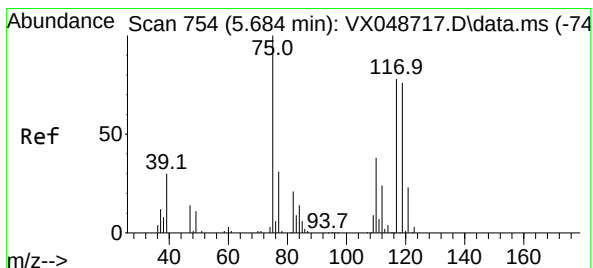
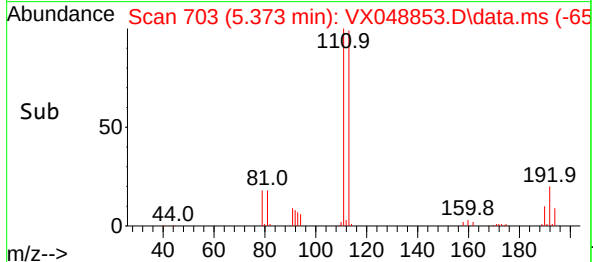
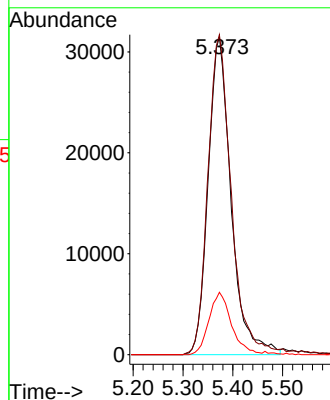
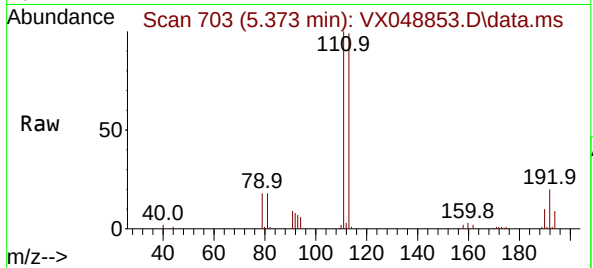




#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

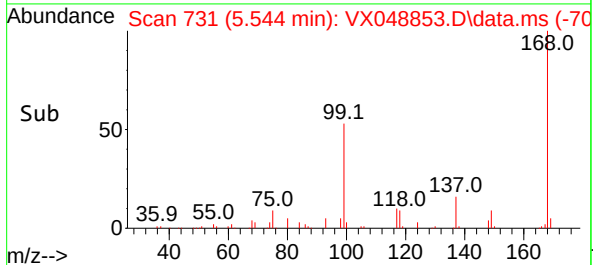
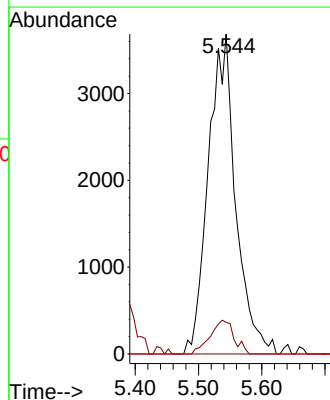
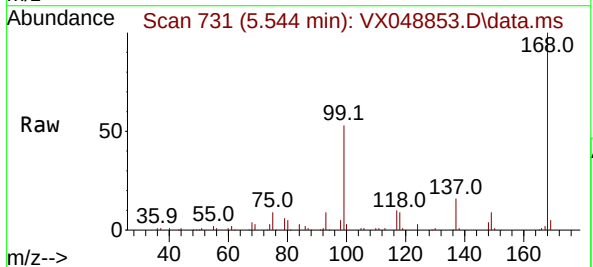
Instrument :
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OWBR-01-170-121025

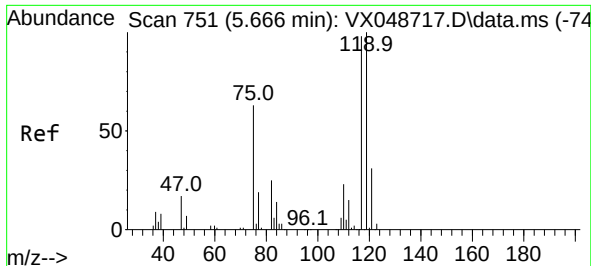
Tgt Ion:113 Resp: 100467
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 19.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.012 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 75 Resp: 11070
Ion Ratio Lower Upper
75 100
110 9.2 18.6 55.8#
77 0.0 25.3 37.9#

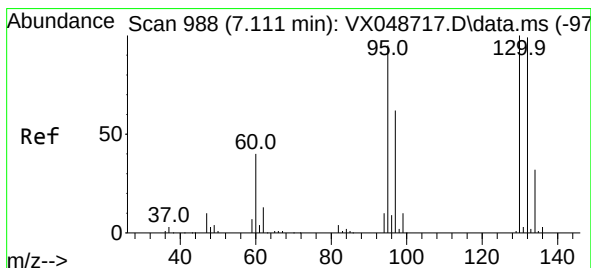
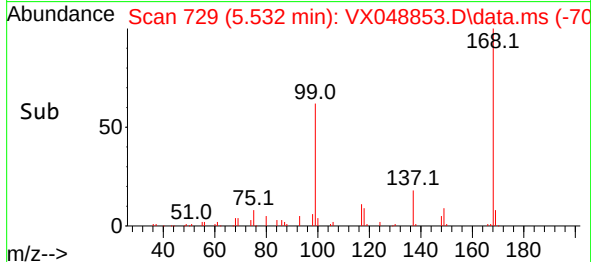
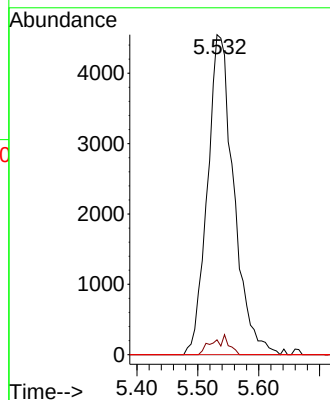
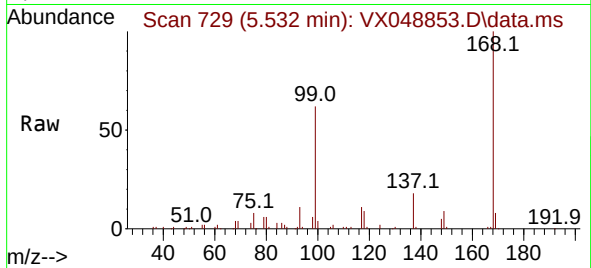




#38
Carbon Tetrachloride
Concen: 4.372 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

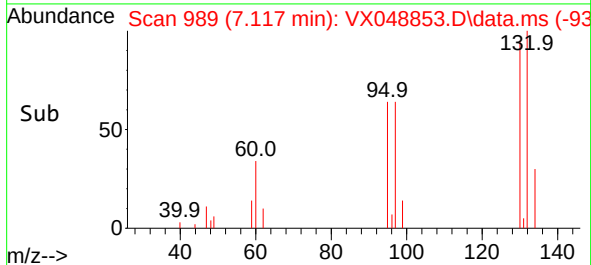
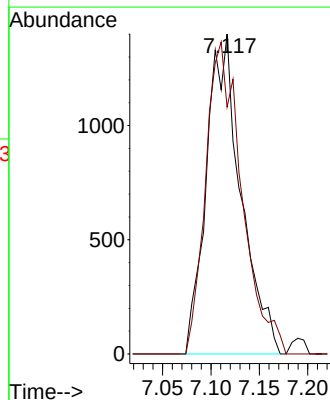
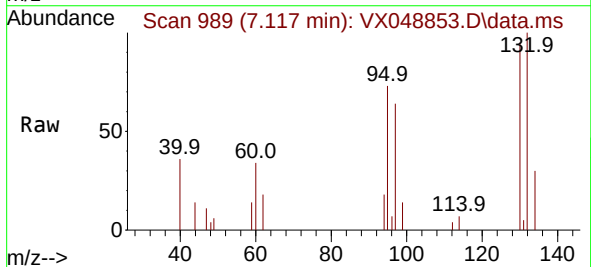
Instrument :
MSVOA_X
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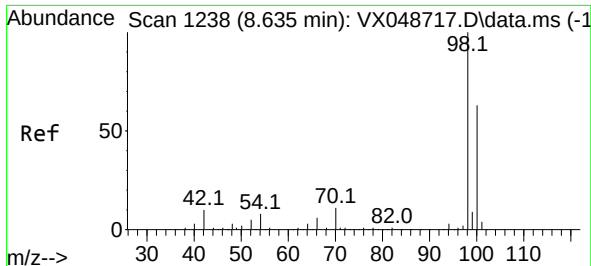
Tgt Ion:117 Resp: 13665
Ion Ratio Lower Upper
117 100
119 4.7 80.5 120.7#
121 0.0 25.4 38.0#



#44
Trichloroethene
Concen: 1.631 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion:130 Resp: 3482
Ion Ratio Lower Upper
130 100
95 77.2 0.0 189.6

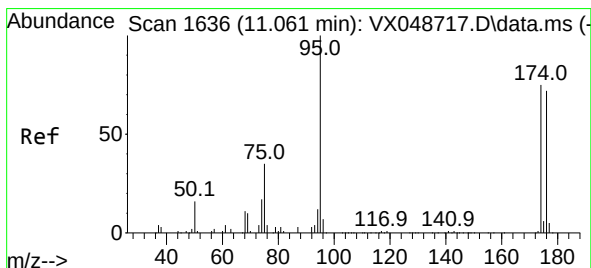
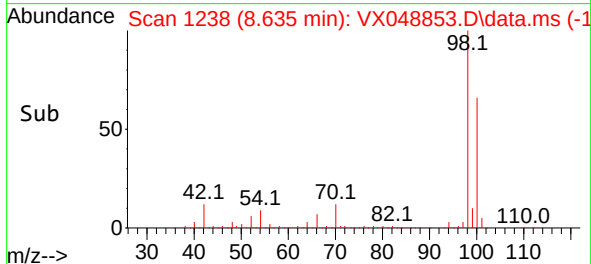
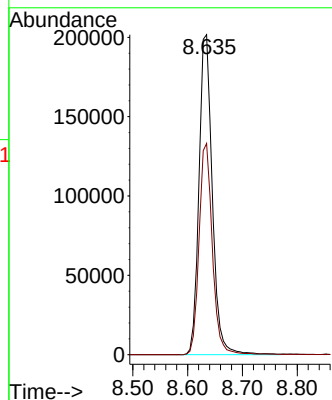
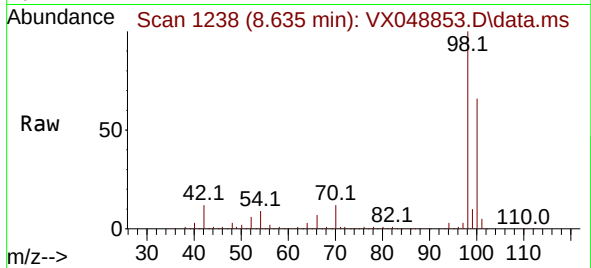




#50
Toluene-d8
Concen: 48.375 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

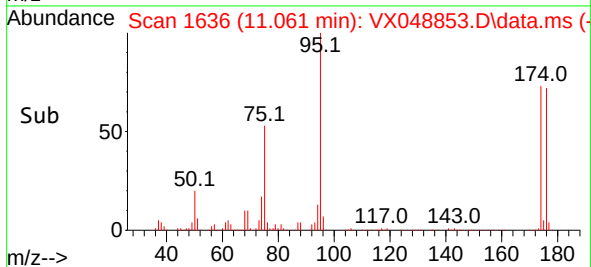
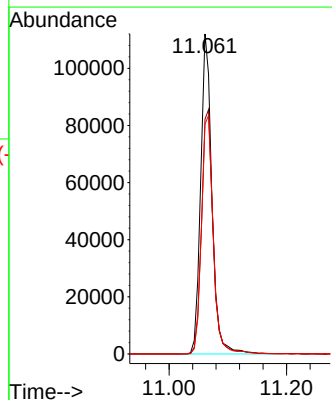
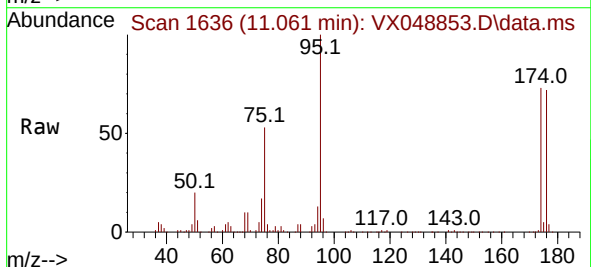
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

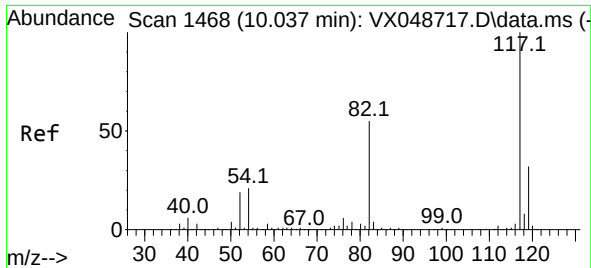
Tgt Ion: 98 Resp: 341625
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 61.156 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 95 Resp: 148928
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.8
176 77.5 0.0 154.0

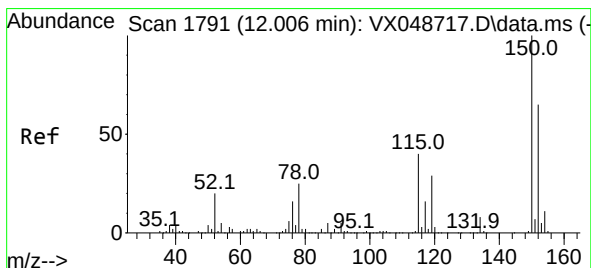
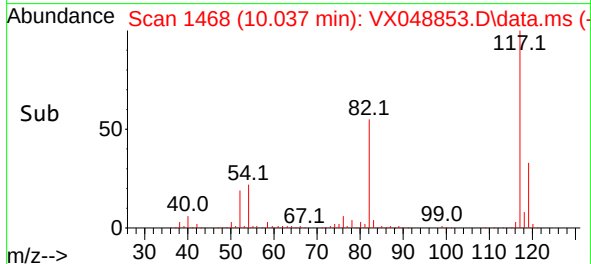
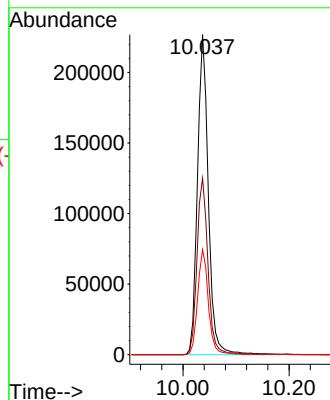
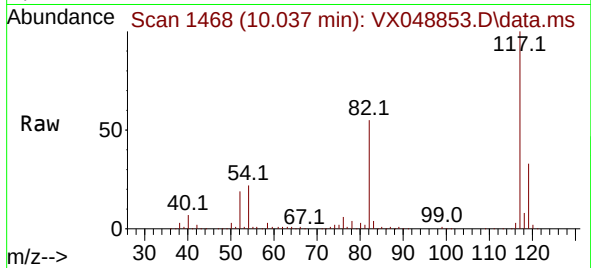




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

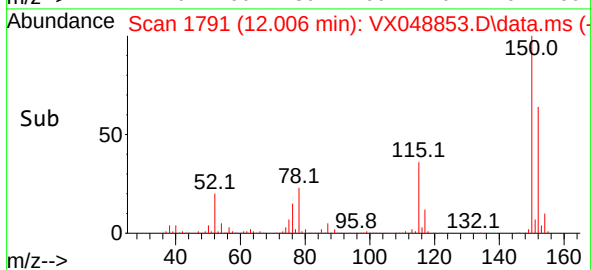
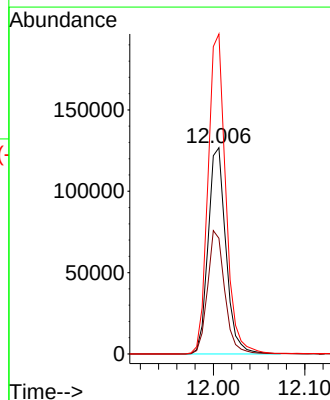
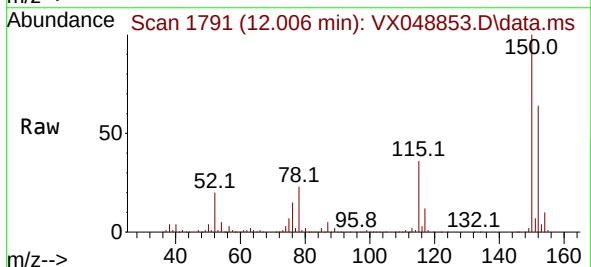
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

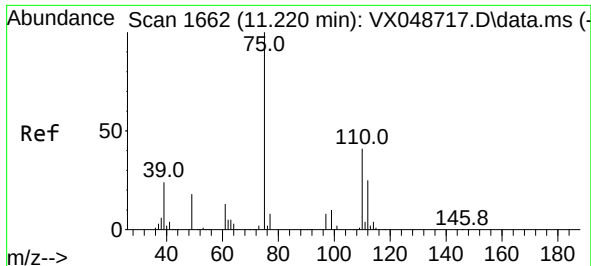
Tgt Ion:117 Resp: 323774
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion:152 Resp: 171165
Ion Ratio Lower Upper
152 100
115 58.0 42.1 126.4
150 155.3 0.0 347.8

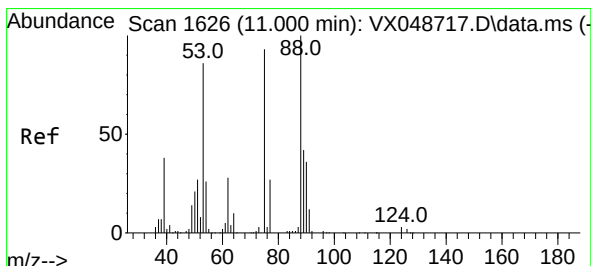
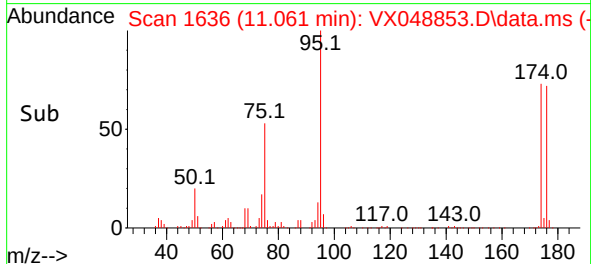
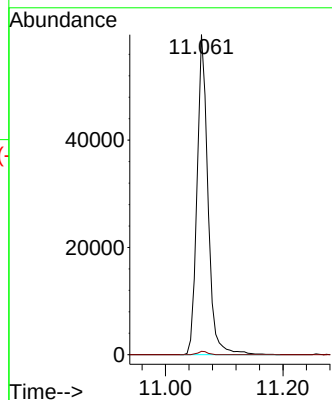
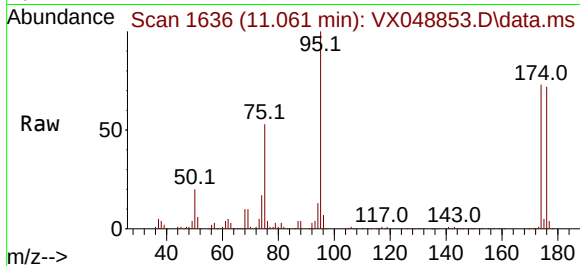




#76
1,2,3-Trichloropropane
Concen: 24.139 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.158 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

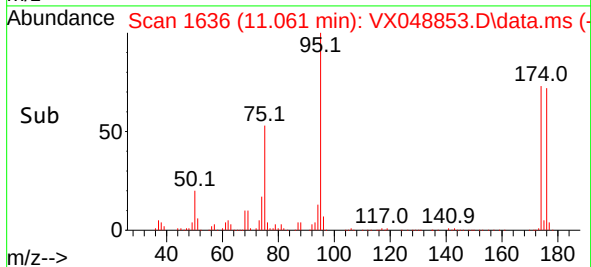
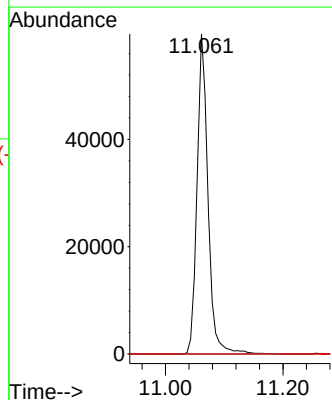
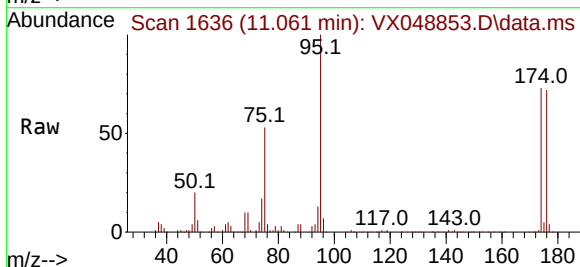
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-170-121025

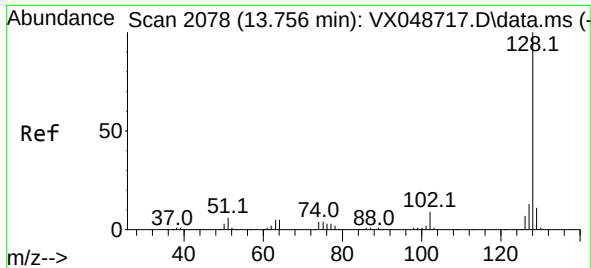
Tgt Ion: 75 Resp: 76954
Ion Ratio Lower Upper
75 100
77 1.0 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.339 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048853.D
Acq: 12 Dec 2025 14:36

Tgt Ion: 75 Resp: 76954
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# 20

Delta R.T. 0.006 min

Lab File: VX048853.D

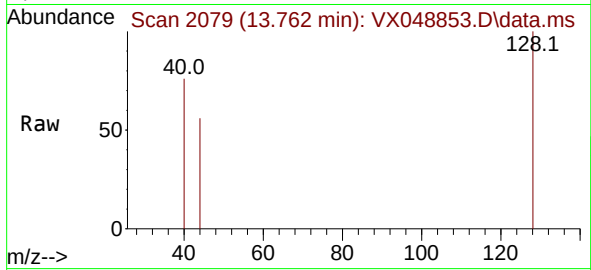
Acq: 12 Dec 2025 14:36

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-170-121025



Tgt Ion:128 Resp: 703

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 13.0#

