

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048809.D
 Acq On : 10 Dec 2025 14:30
 Operator : JC/MD
 Sample : Q3787-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-120425RE

Quant Time: Dec 11 00:23:27 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)

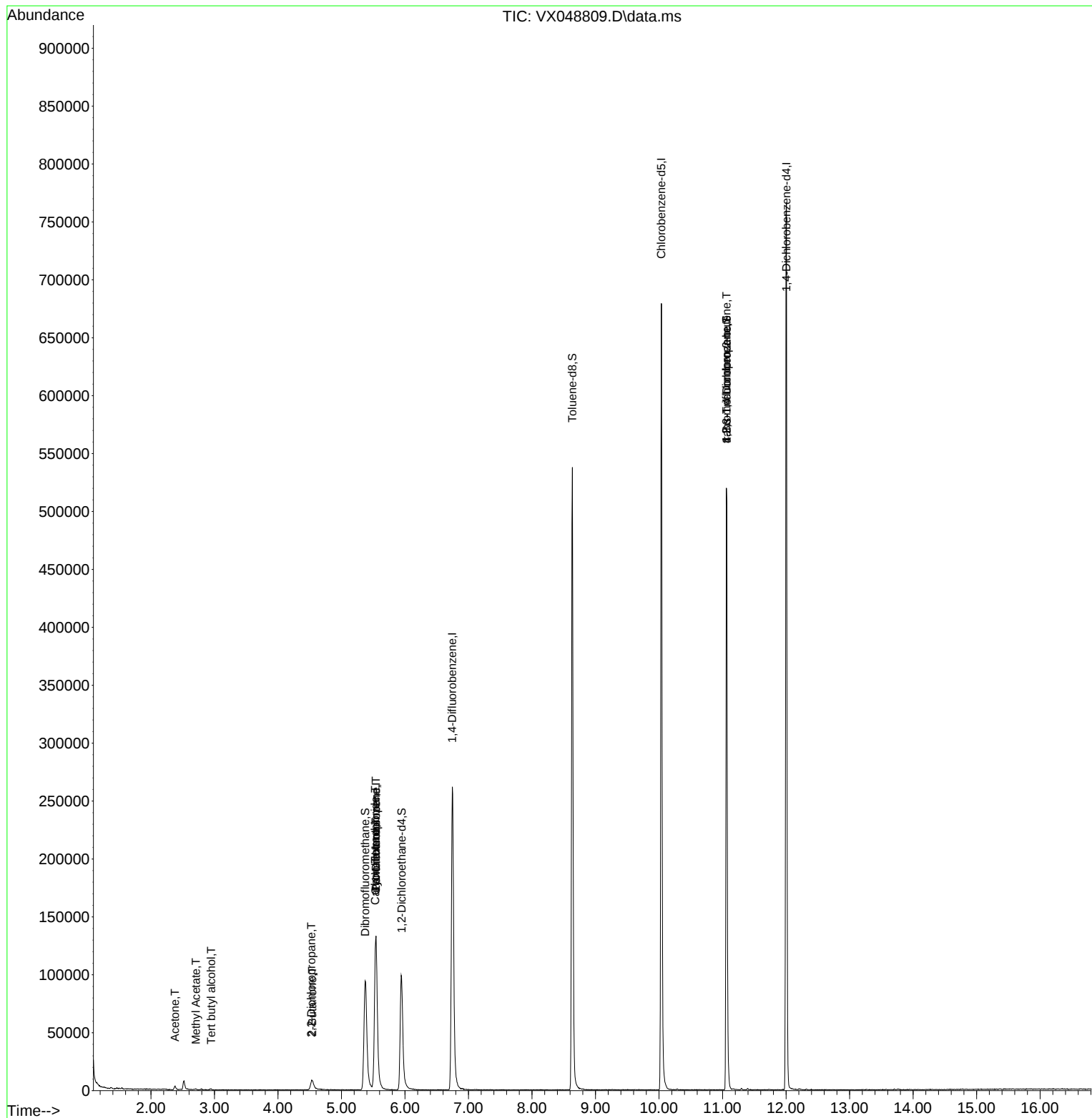
Internal Standards						
1) Pentafluorobenzene	5.544	168	142606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	172615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109808	57.370	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.740%		
35) Dibromofluoromethane	5.373	113	98607	47.864	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.720%		
50) Toluene-d8	8.635	98	342378	47.412	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.820%		
62) 4-Bromofluorobenzene	11.061	95	151770	60.948	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 121.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	180	0.582	ug/l #	73
16) Acetone	2.380	43	4565	6.230	ug/l	100
18) Methyl Acetate	2.709	43	926	0.449	ug/l #	73
25) 2-Butanone	4.538	43	518	0.479	ug/l #	46
26) 2,2-Dichloropropane	4.526	77	703	0.274	ug/l #	52
31) Cyclohexane	5.538	56	2816	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11129	3.944	ug/l #	48
38) Carbon Tetrachloride	5.532	117	14703	4.600	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	76400	23.764	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	76400	56.448	ug/l #	3
95) Naphthalene	13.768	128	873	Below Cal	#	77

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

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OW-03B-51.5-120425RE

Quant Time: Dec 11 00:23:27 2025
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Quant Title : SW846 8260
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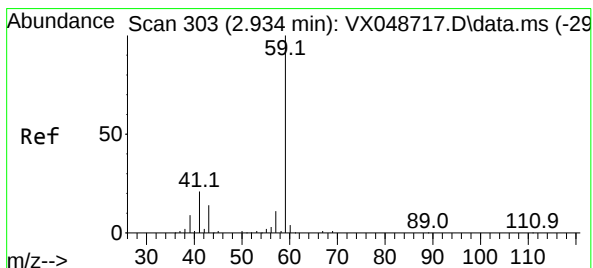
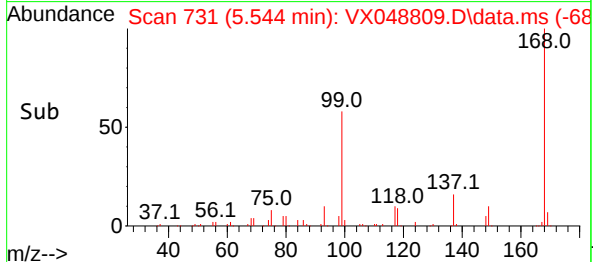
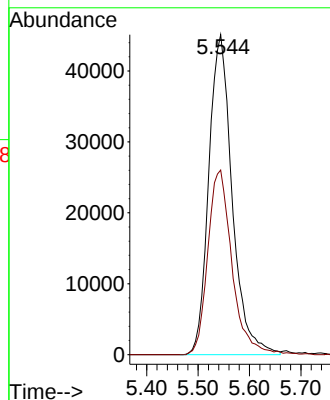
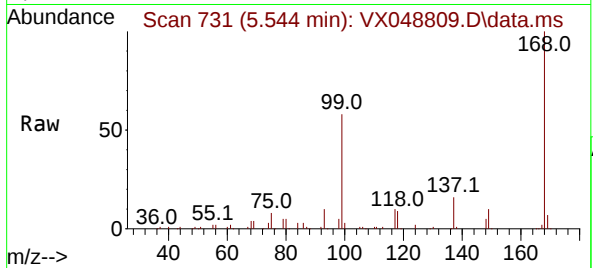




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

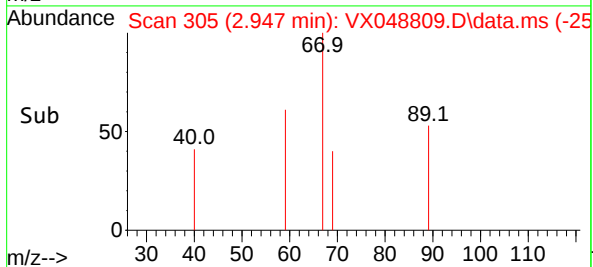
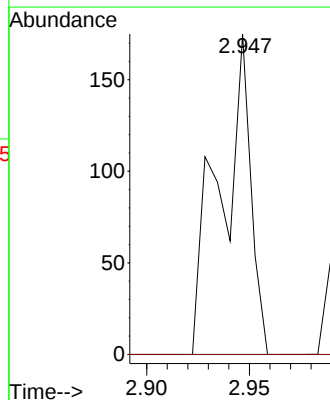
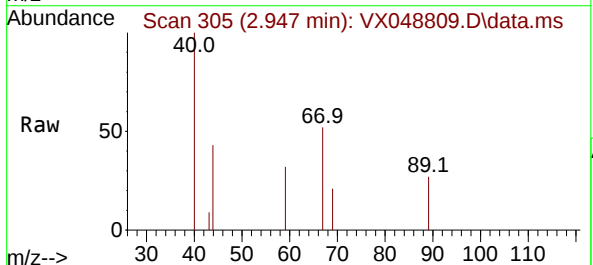
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

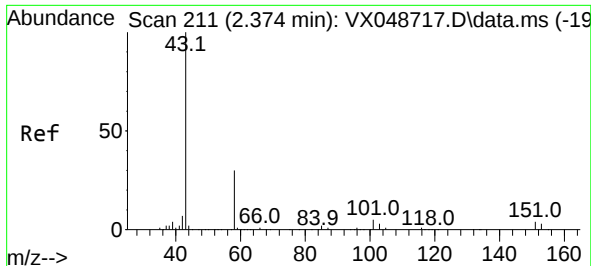
Tgt Ion:168 Resp: 142606
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.582 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.012 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

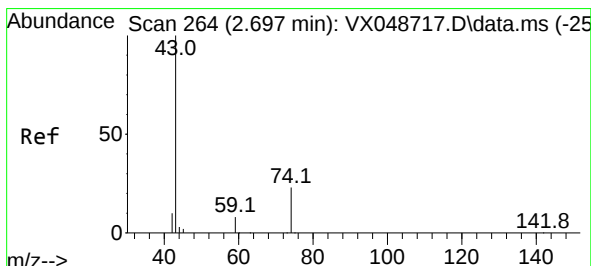
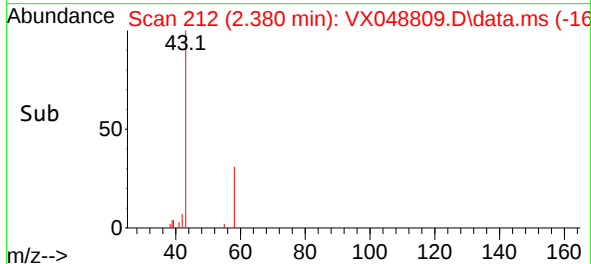
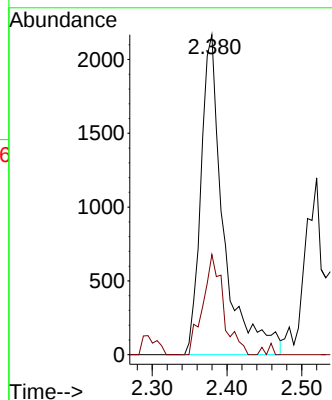
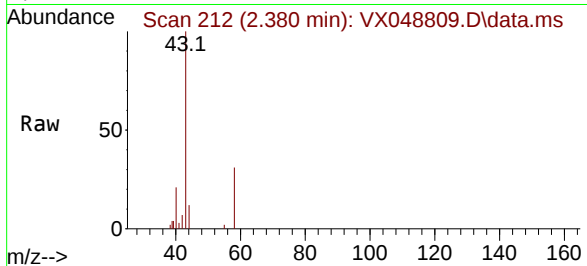




#16
Acetone
Concen: 6.230 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

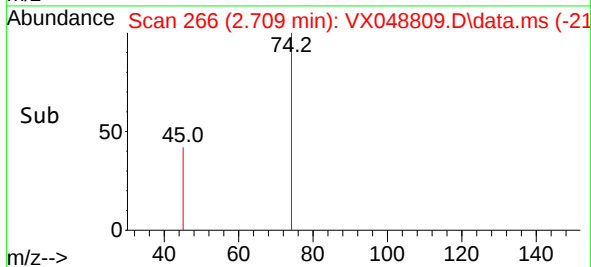
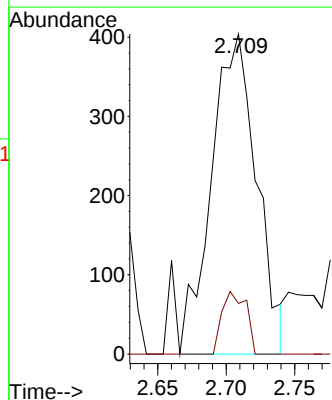
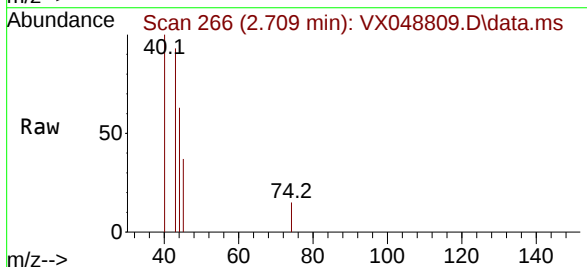
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

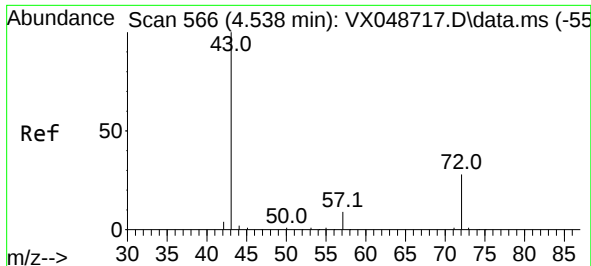
Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
58 31.3 25.0 37.4



#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
74 10.5 19.2 28.8#

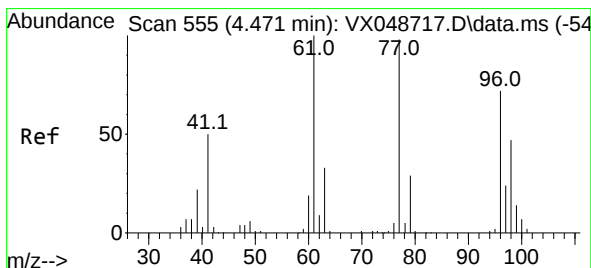
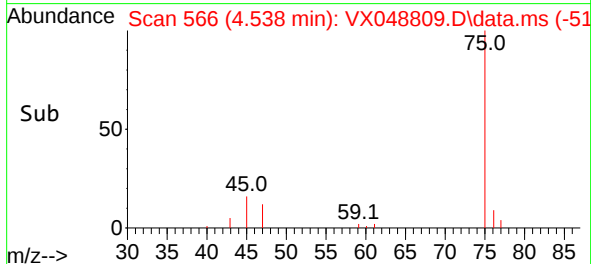
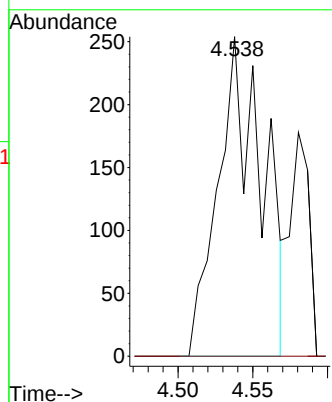
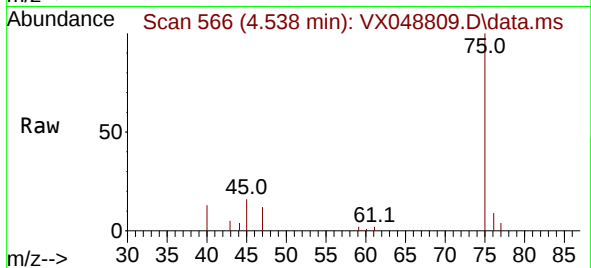




#25
2-Butanone
Concen: 0.479 ug/l
RT: 4.538 min Scan# 518
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

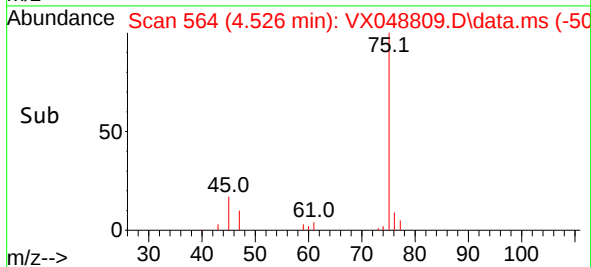
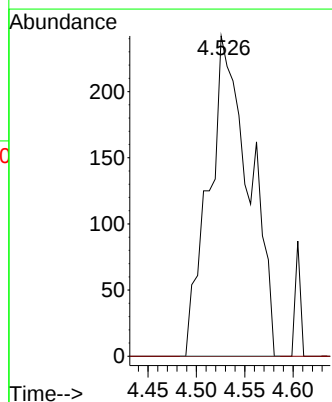
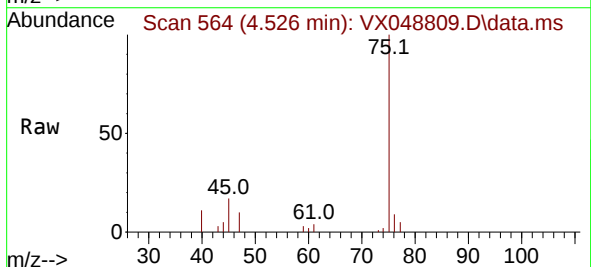
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

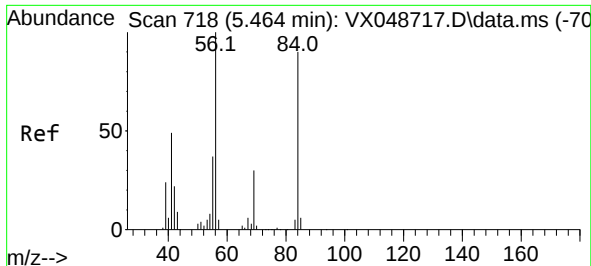
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#26
2,2-Dichloropropane
Concen: 0.274 ug/l
RT: 4.526 min Scan# 564
Delta R.T. 0.055 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

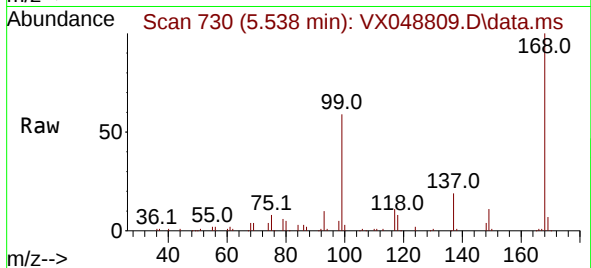
Tgt Ion: 77 Resp: 703
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.8#



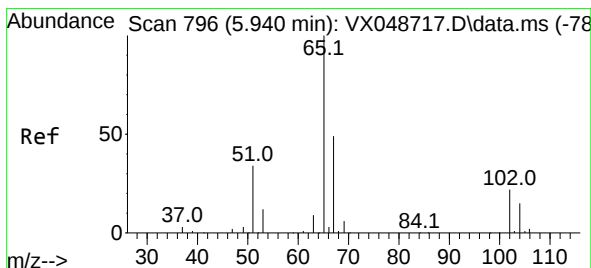
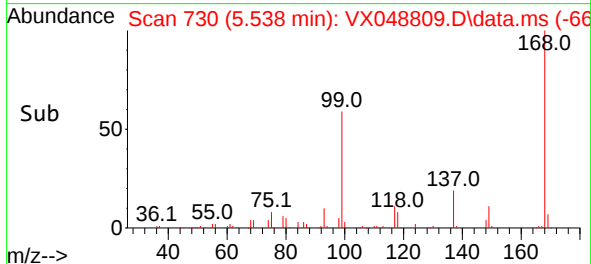
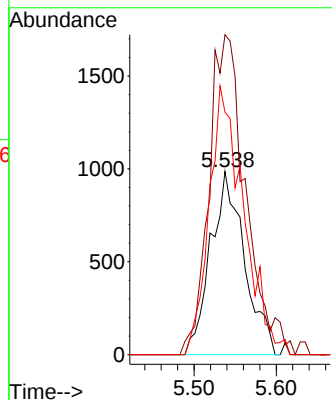


#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

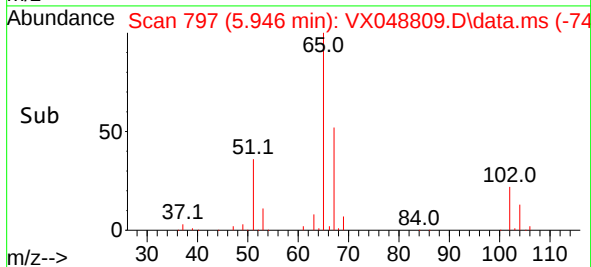
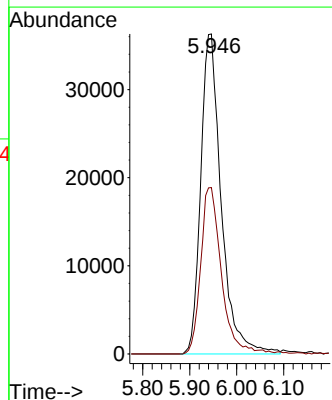
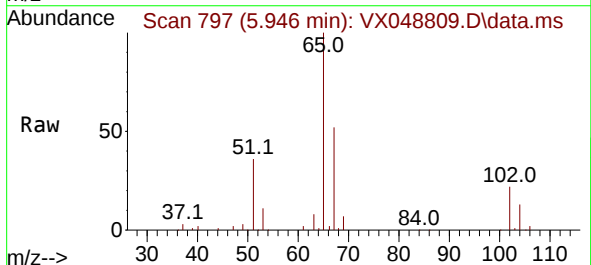


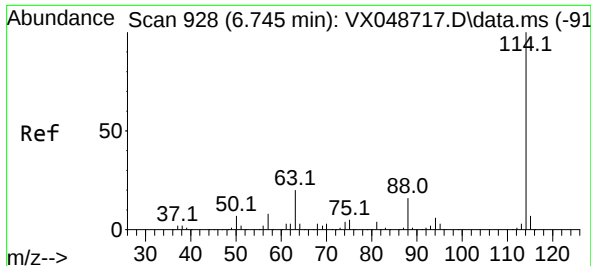
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 174.7 24.2 36.2#
84 132.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 57.370 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 65 Resp: 109808
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

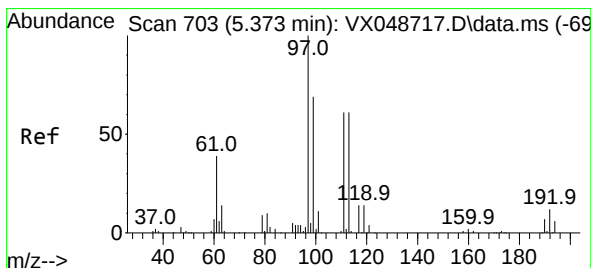
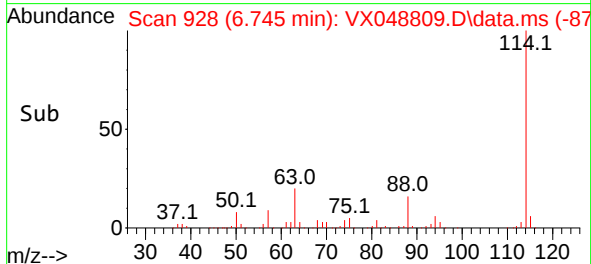
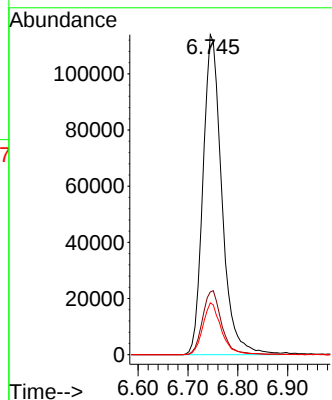
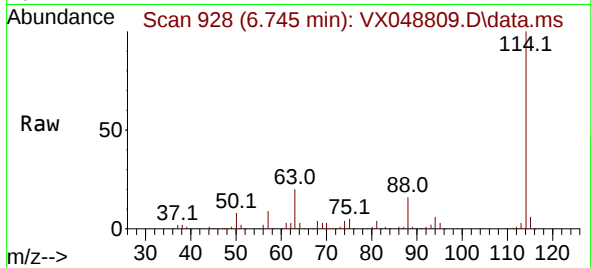




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

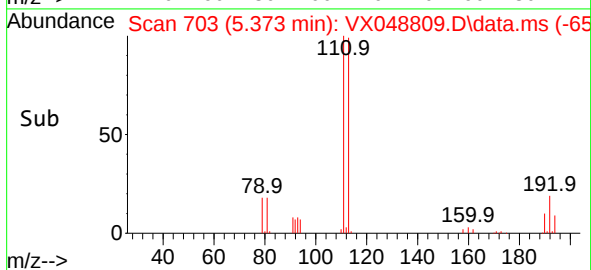
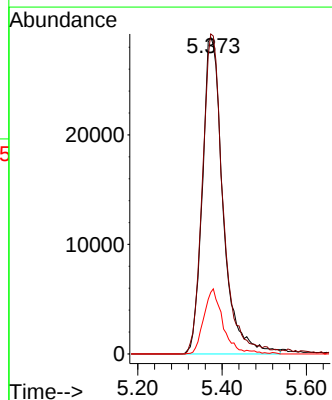
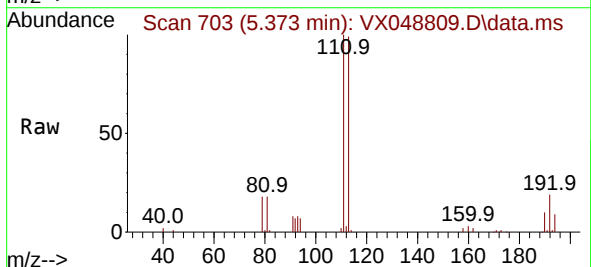
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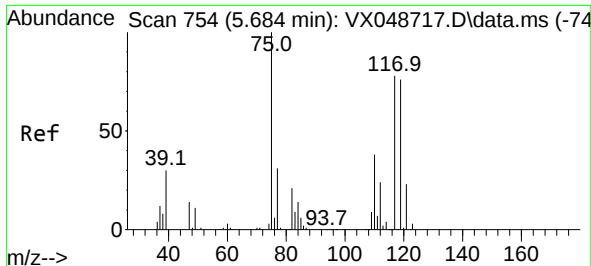
Tgt Ion:114 Resp: 299203
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.0
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion:113 Resp: 98607
Ion Ratio Lower Upper
113 100
111 100.8 79.5 119.3
192 18.6 16.1 24.1

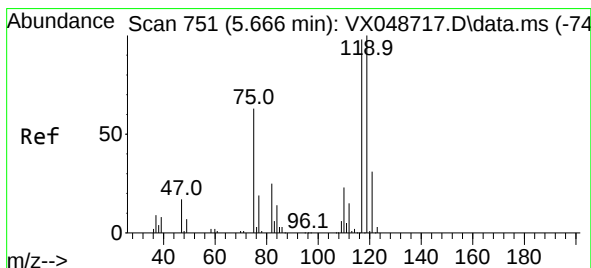
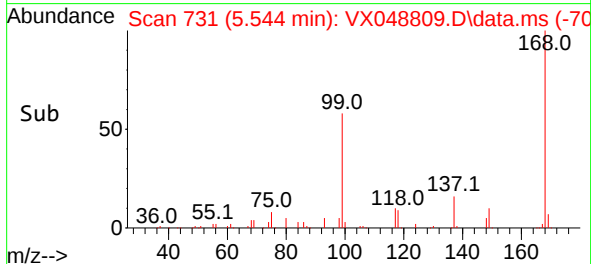
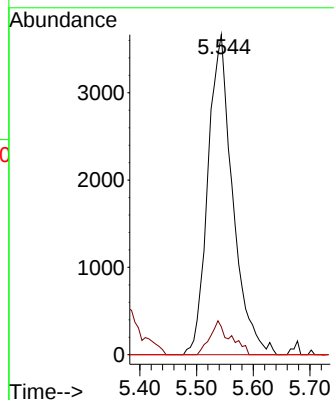
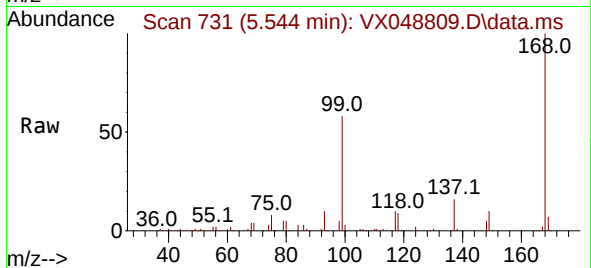




#36
1,1-Dichloropropene
Concen: 3.944 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

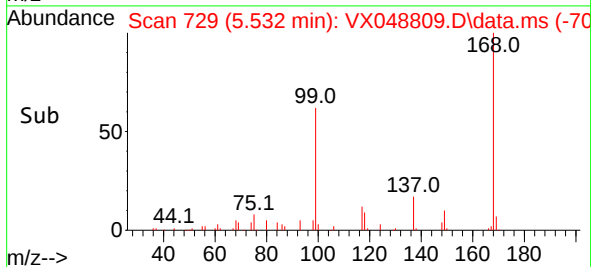
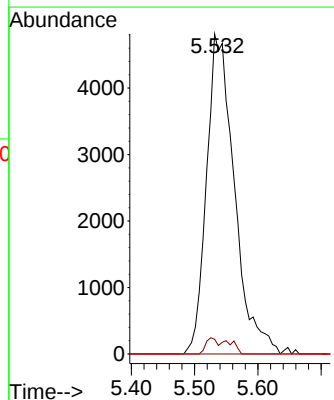
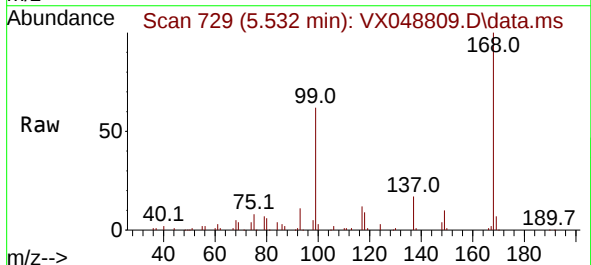
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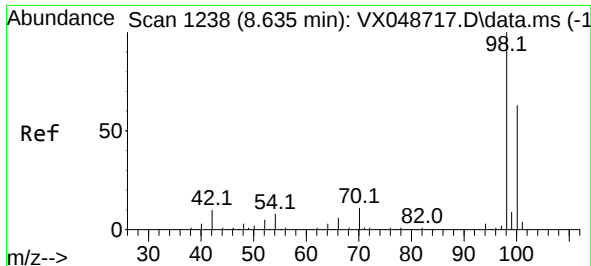
Tgt Ion: 75 Resp: 11129
Ion Ratio Lower Upper
75 100
110 8.7 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.600 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.134 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 117 Resp: 14703
Ion Ratio Lower Upper
117 100
119 4.6 80.5 120.7#
121 0.0 25.4 38.0#

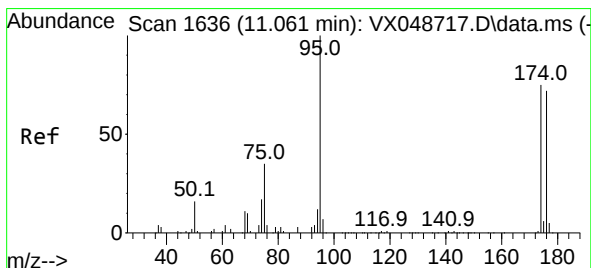
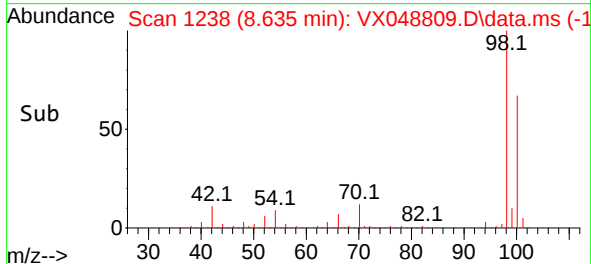
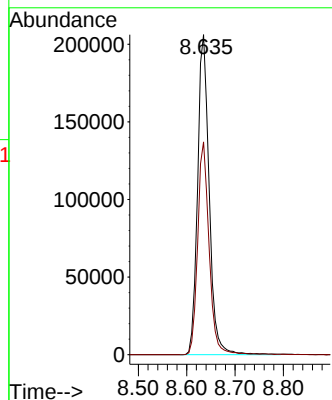
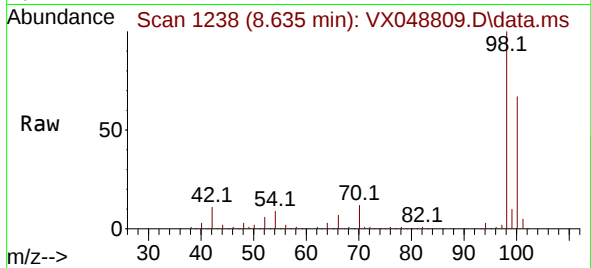




#50
Toluene-d8
Concen: 47.412 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

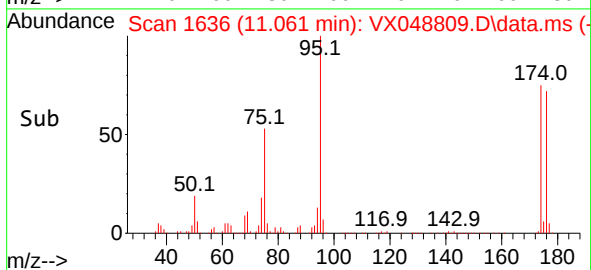
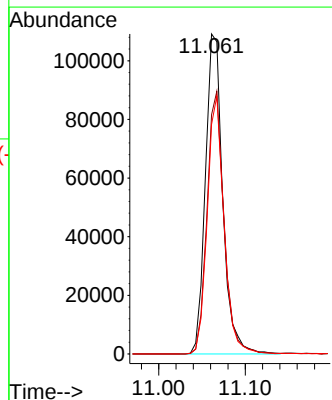
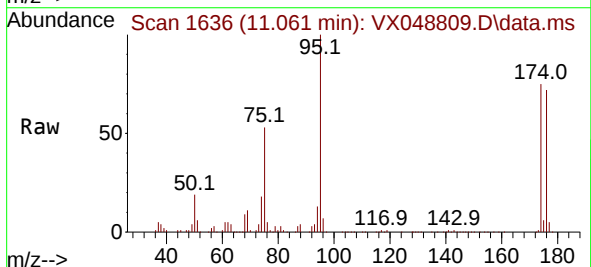
Instrument :
MSVOA_X
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OW-03B-51.5-120425RE

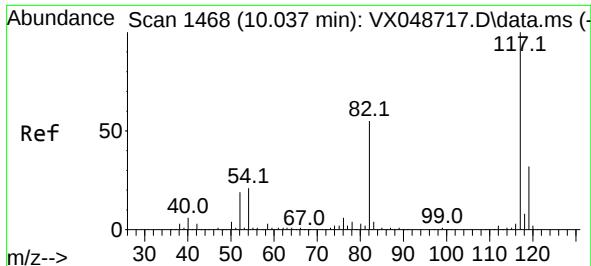
Tgt Ion: 98 Resp: 342378
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 60.948 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 95 Resp: 151770
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 77.9 0.0 154.0

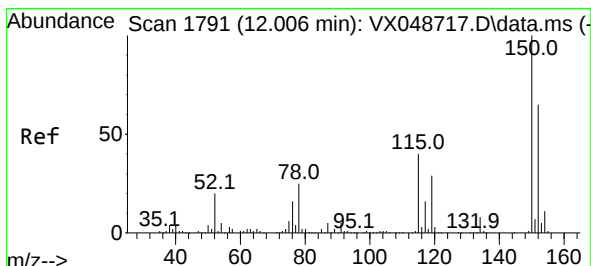
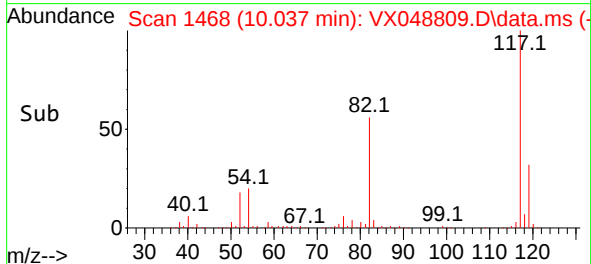
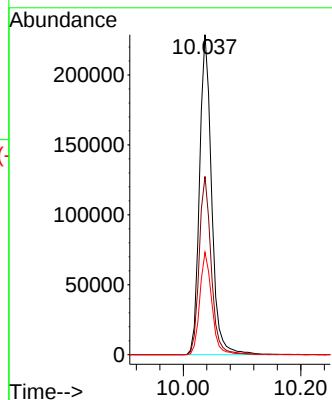
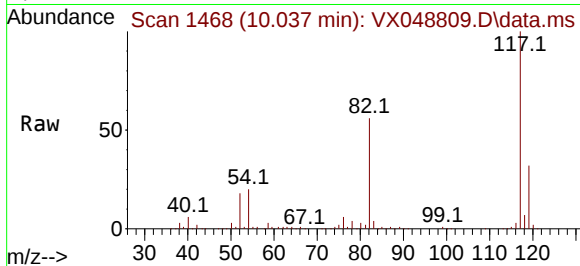




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

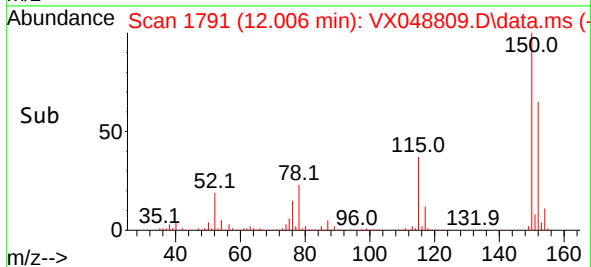
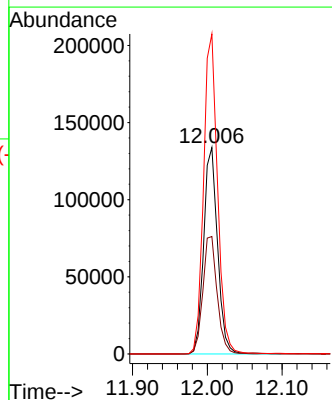
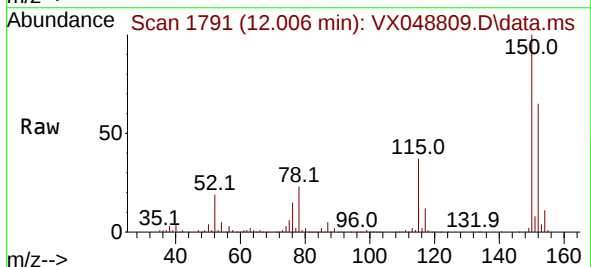
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

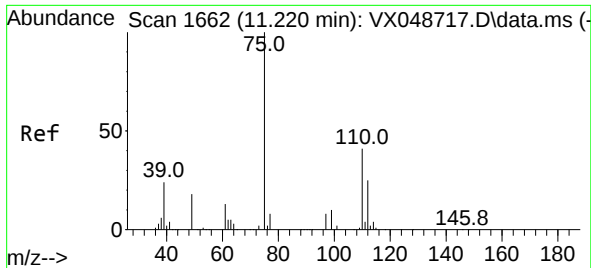
Tgt Ion:117 Resp: 326420
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion:152 Resp: 172615
Ion Ratio Lower Upper
152 100
115 58.6 42.1 126.4
150 155.9 0.0 347.8

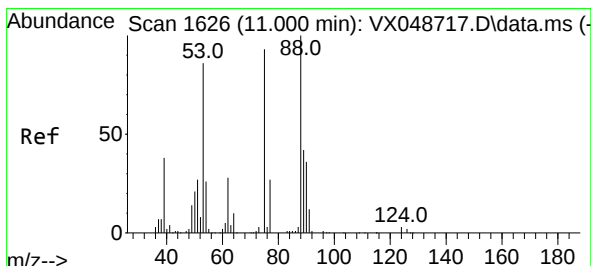
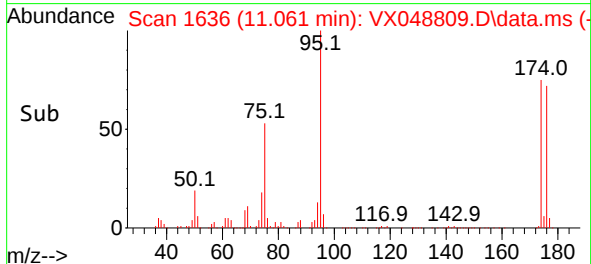
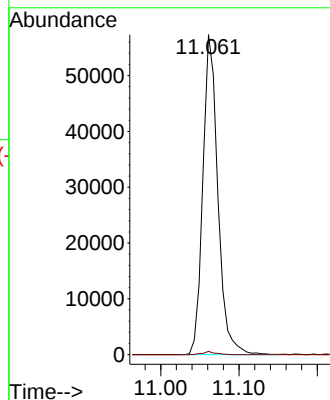
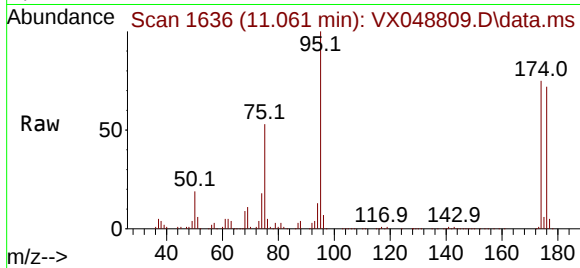




#76
1,2,3-Trichloropropane
Concen: 23.764 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

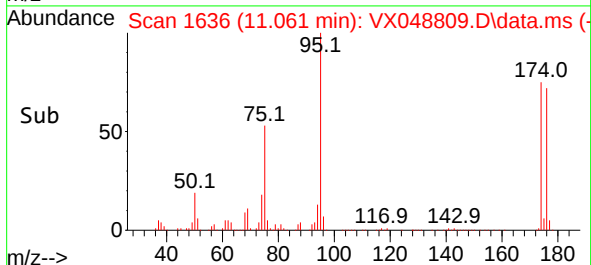
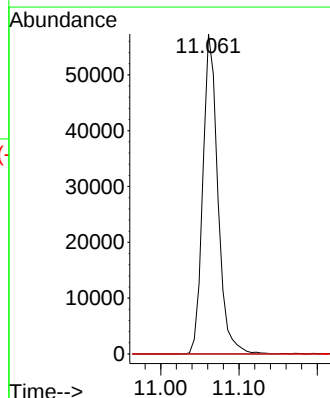
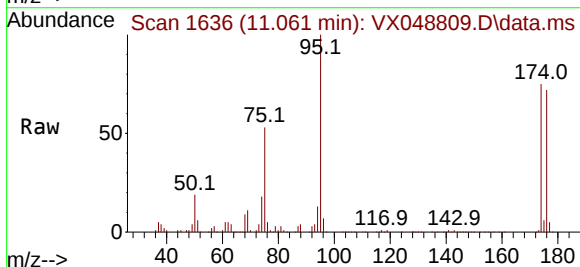
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-120425RE

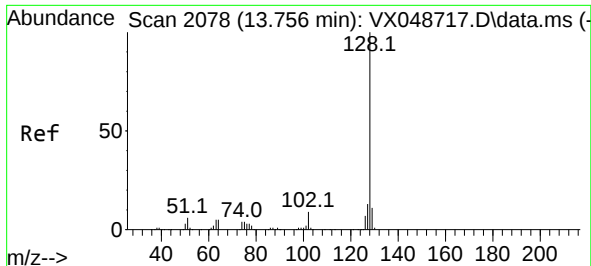
Tgt Ion: 75 Resp: 76400
Ion Ratio Lower Upper
75 100
77 0.9 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.448 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048809.D
Acq: 10 Dec 2025 14:30

Tgt Ion: 75 Resp: 76400
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: 13.768 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX048809.D

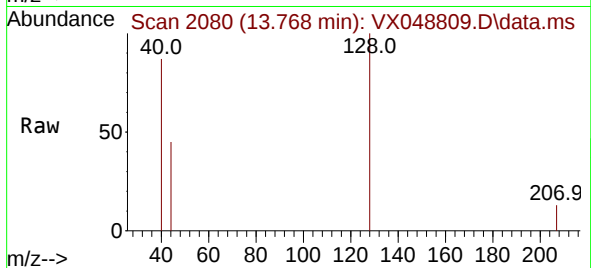
Acq: 10 Dec 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-120425RE



Tgt Ion:128 Resp: 873

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 6.4 8.6 13.0#

