

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048467.D
 Acq On : 03 Nov 2025 18:46
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

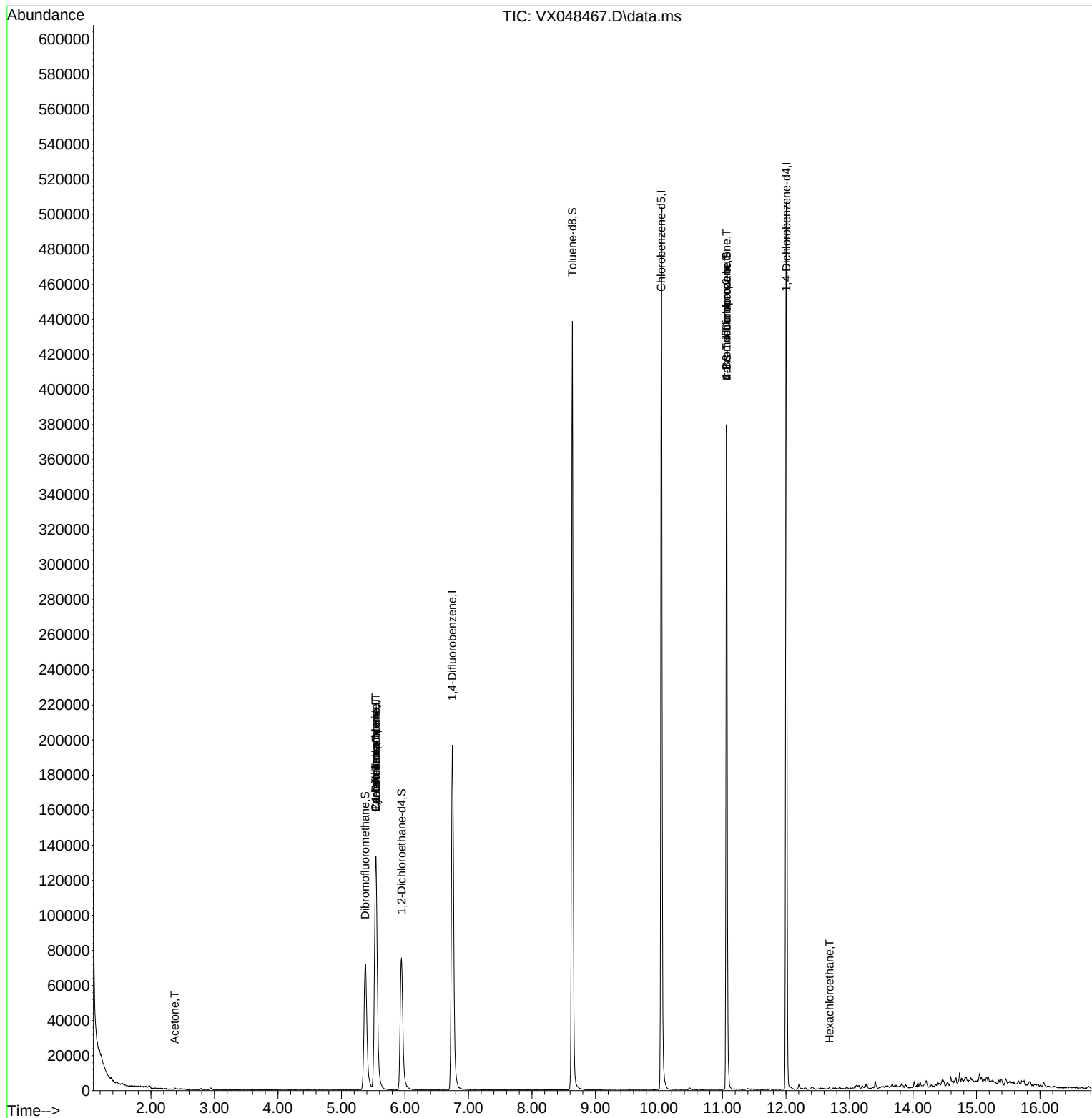
Internal Standards						
1) Pentafluorobenzene	5.544	168	144993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	227379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85660	41.080	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.160%
35) Dibromofluoromethane	5.373	113	72821	56.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.340%
50) Toluene-d8	8.635	98	275341	48.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.061	95	110675	51.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.400%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1348	2.852	ug/l	99
31) Cyclohexane	5.544	56	2522	0.875	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	9852	4.525	ug/l #	49
38) Carbon Tetrachloride	5.538	117	14501	5.769	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	60532	38.308	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	60532	132.569	ug/l #	10
90) Hexachloroethane	12.683	117	258	0.206	ug/l #	16

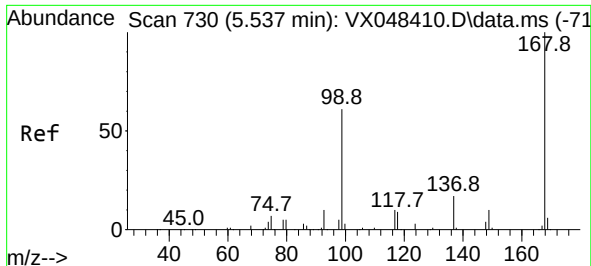
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
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Instrument :
MSVOA_X
ClientSampleId :

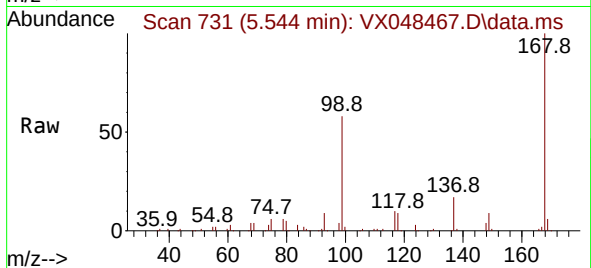
Quant Time: Nov 04 00:19:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



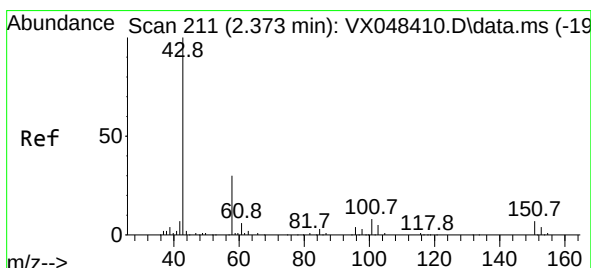
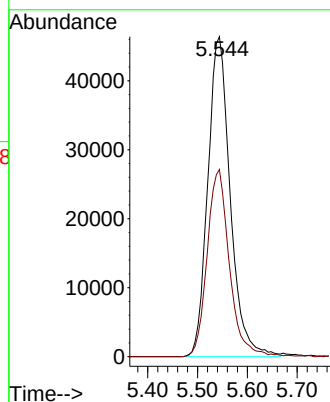
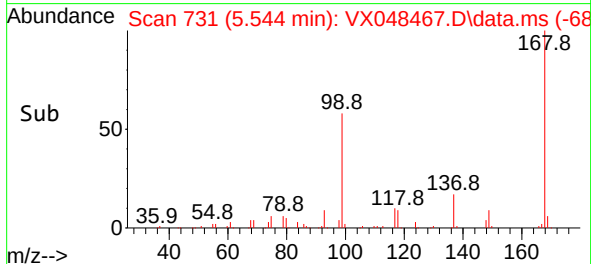


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Instrument :
MSVOA_X
ClientSampleId :

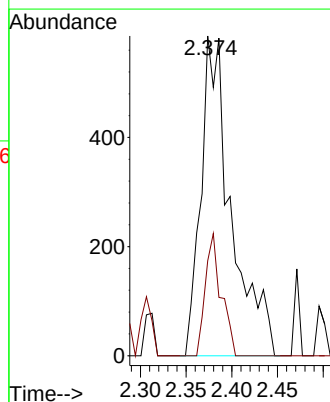
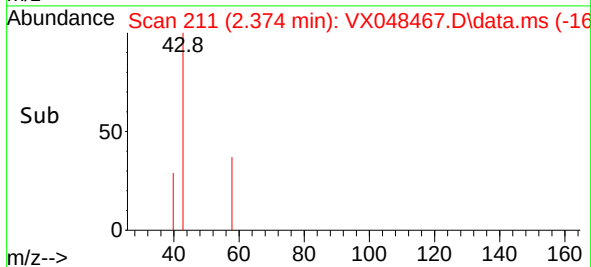
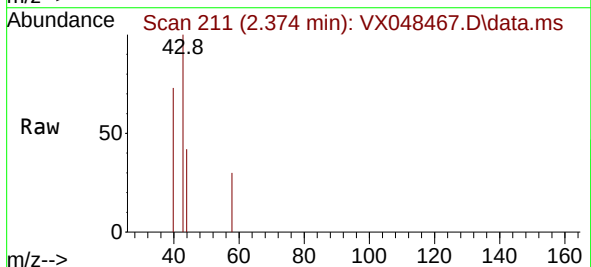


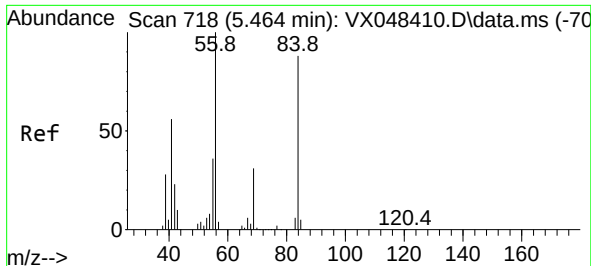
Tgt Ion:168 Resp: 144993
Ion Ratio Lower Upper
168 100
99 58.5 46.4 69.6



#16
Acetone
Concen: 2.852 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

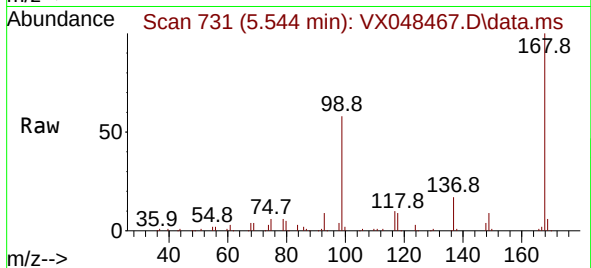
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 29.7 23.4 35.2



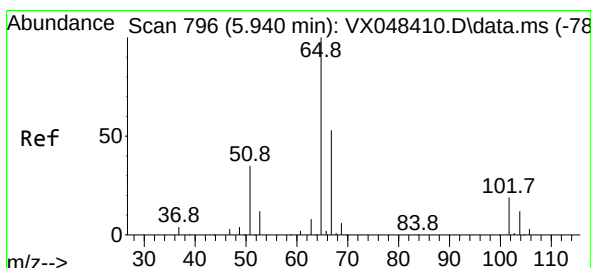
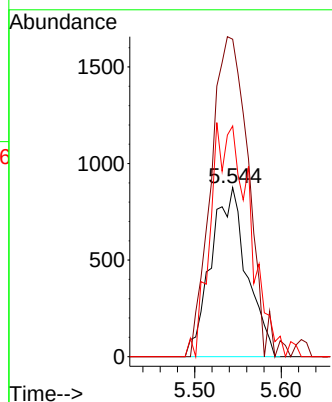
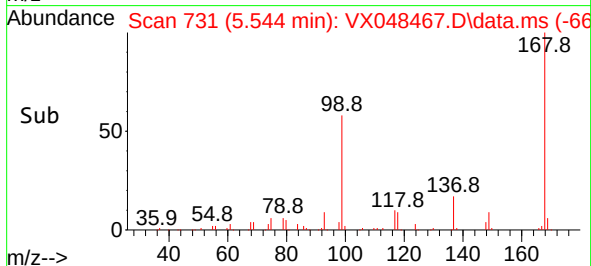


#31
Cyclohexane
Concen: 0.875 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

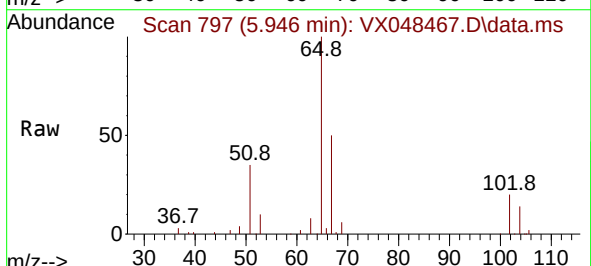
Instrument :
MSVOA_X
ClientSampleId :



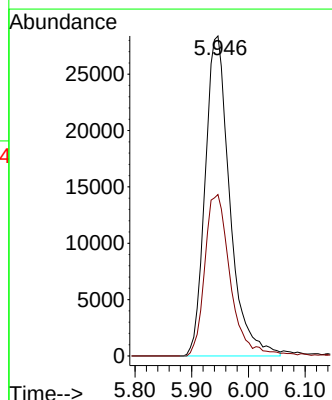
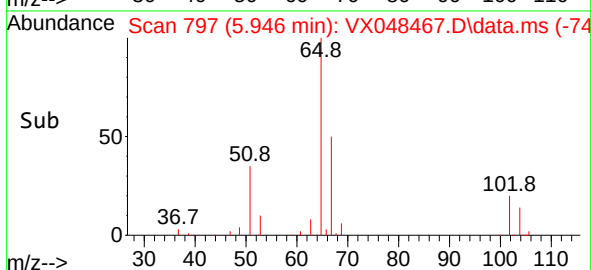
Tgt Ion: 56 Resp: 2522
Ion Ratio Lower Upper
56 100
69 187.7 23.0 34.6#
84 136.4 64.6 97.0#

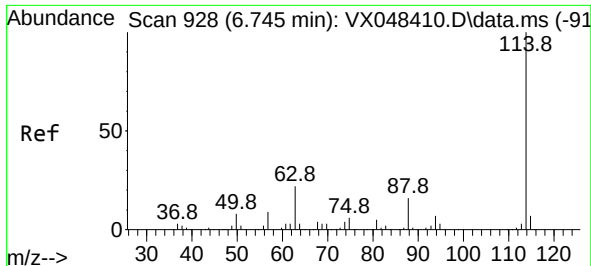


#33
1,2-Dichloroethane-d4
Concen: 41.080 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46



Tgt Ion: 65 Resp: 85660
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

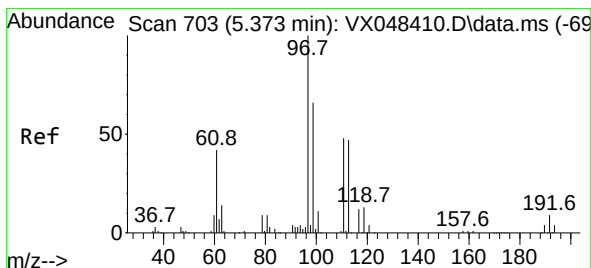
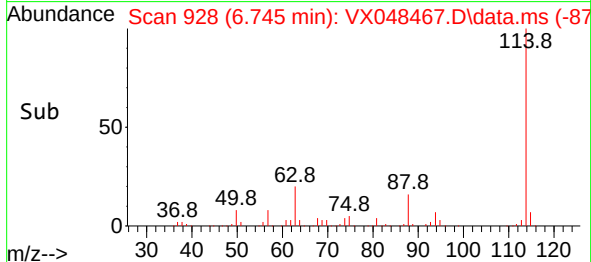
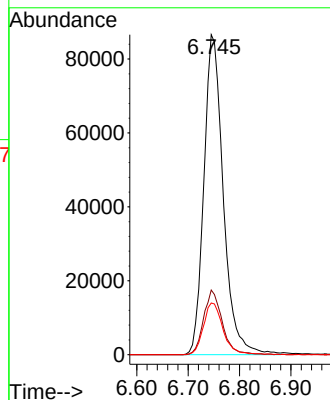
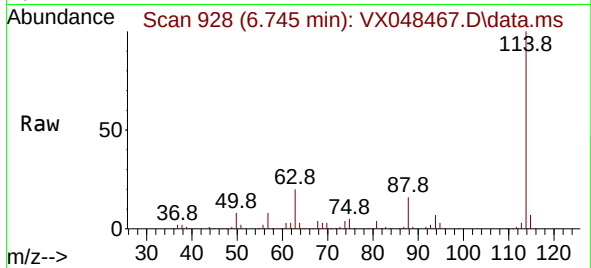




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

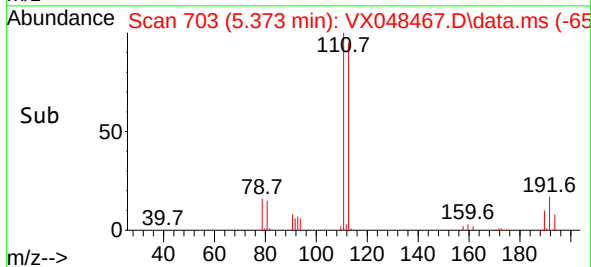
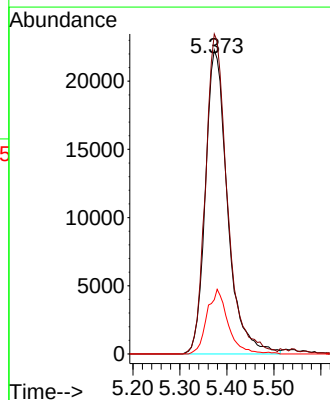
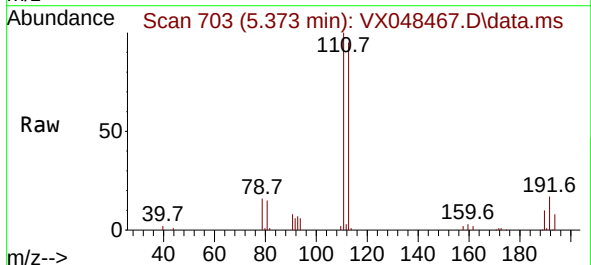
Instrument :
MSVOA_X
ClientSampleId :

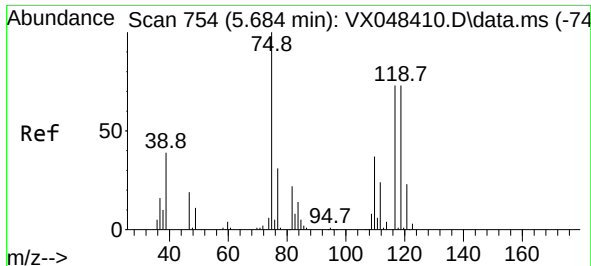
Tgt Ion:114 Resp: 227379
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 56.173 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

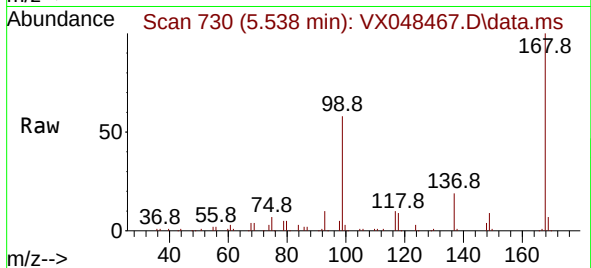
Tgt Ion:113 Resp: 72821
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 20.1 15.1 22.7



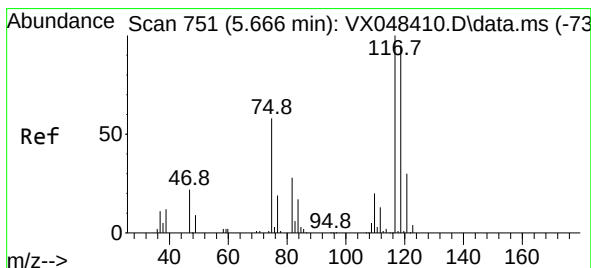
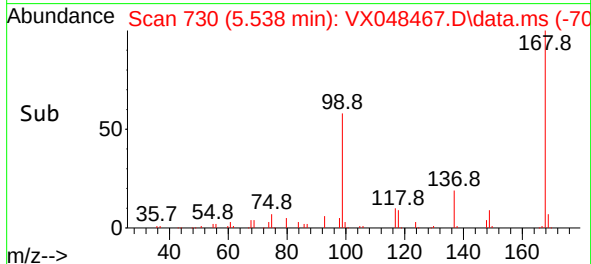
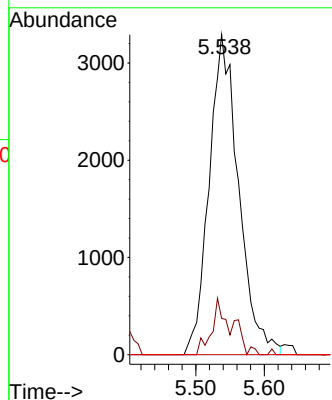


#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Instrument :
MSVOA_X
ClientSampleId :

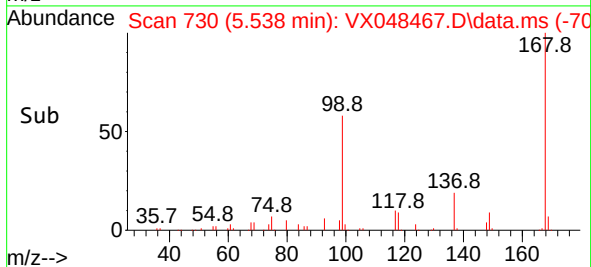
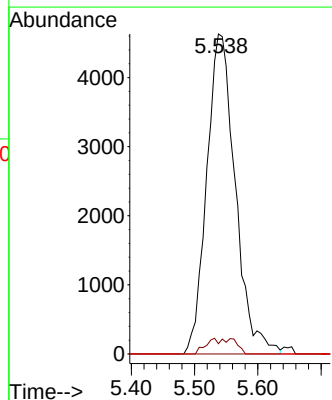
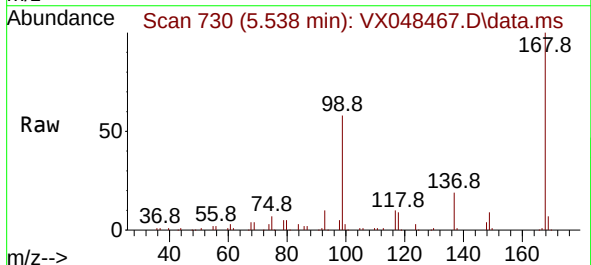


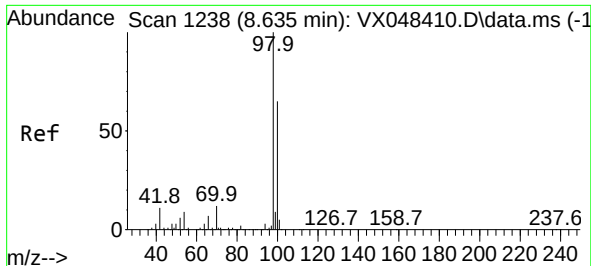
Tgt Ion: 75 Resp: 9852
Ion Ratio Lower Upper
75 100
110 8.2 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.769 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

Tgt Ion: 117 Resp: 14501
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 24.8 37.2#

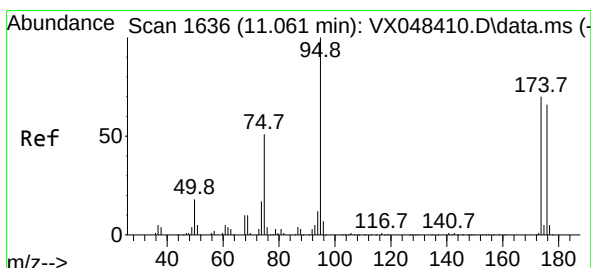
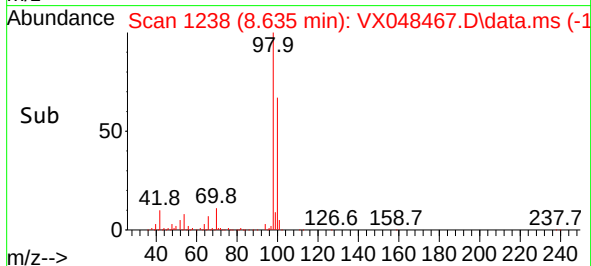
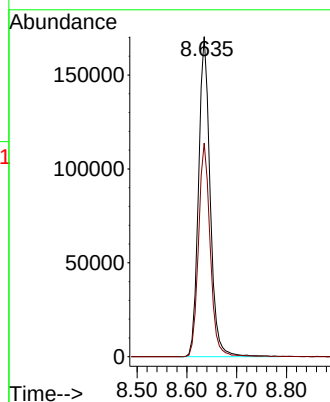
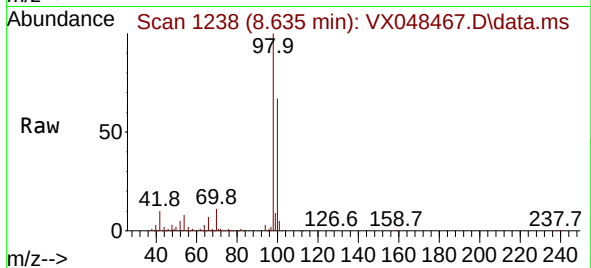




#50
Toluene-d8
Concen: 48.115 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

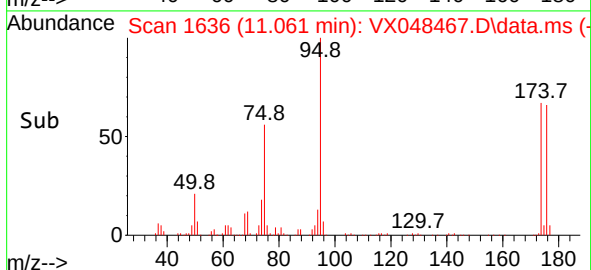
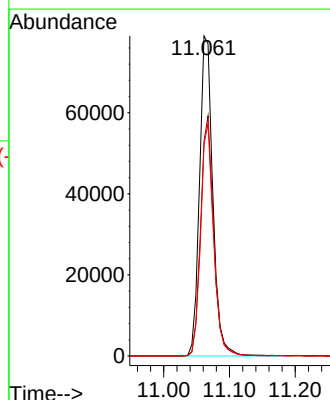
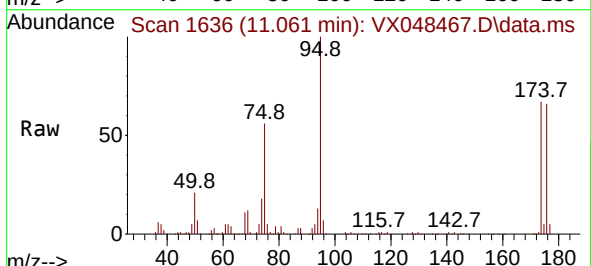
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MSVOA_X
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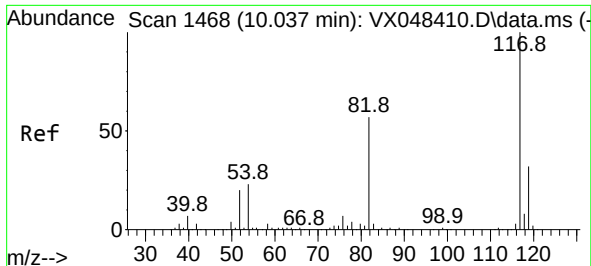
Tgt Ion: 98 Resp: 275341
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.701 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

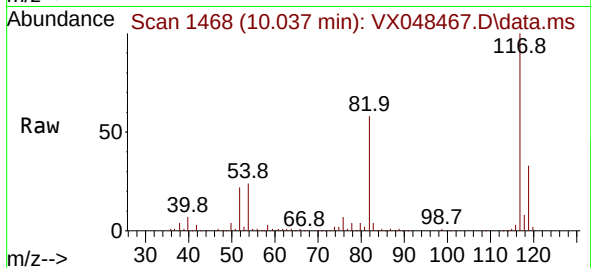
Tgt Ion: 95 Resp: 110675
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.8
176 70.4 0.0 142.8



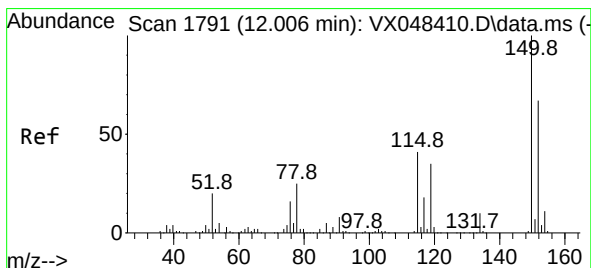
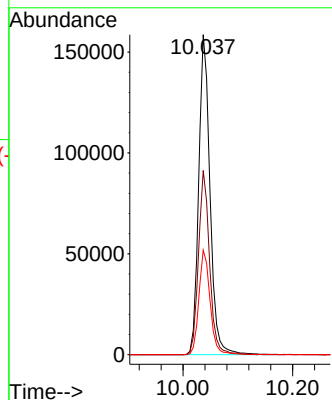
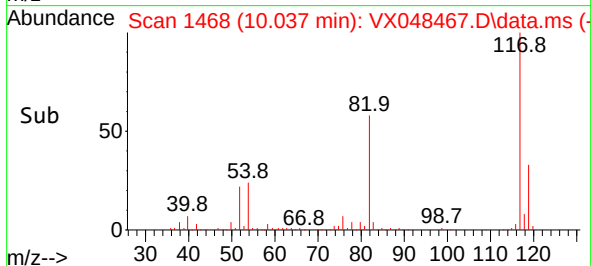


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

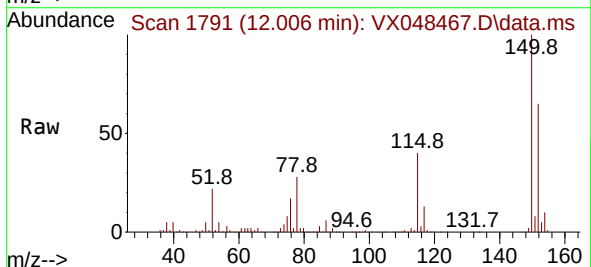
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MSVOA_X
ClientSampleId :



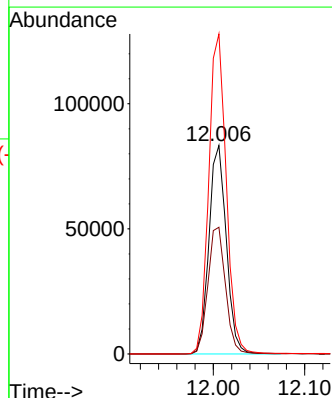
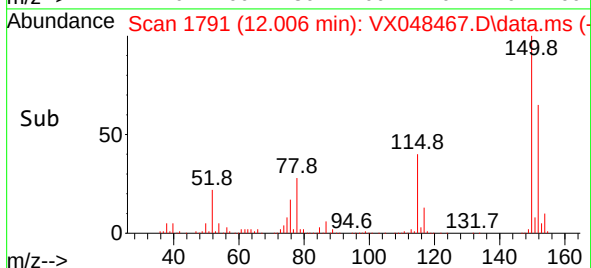
Tgt Ion:117 Resp: 228395
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 32.7 25.9 38.9

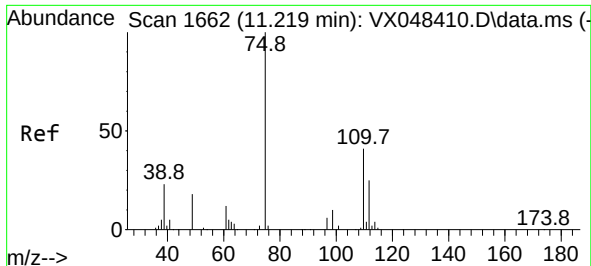


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46



Tgt Ion:152 Resp: 109875
Ion Ratio Lower Upper
152 100
115 61.6 43.1 129.4
150 154.5 0.0 353.0

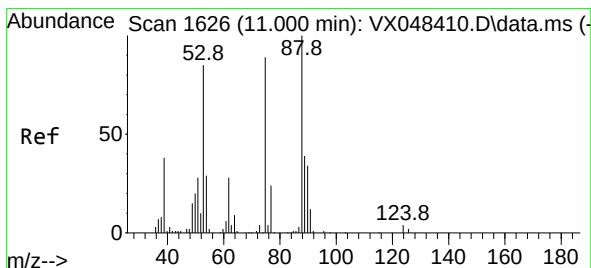
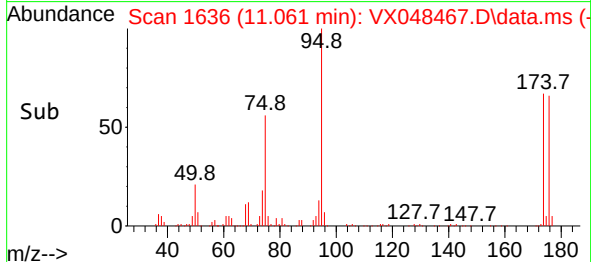
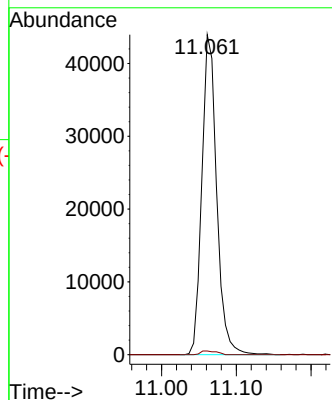
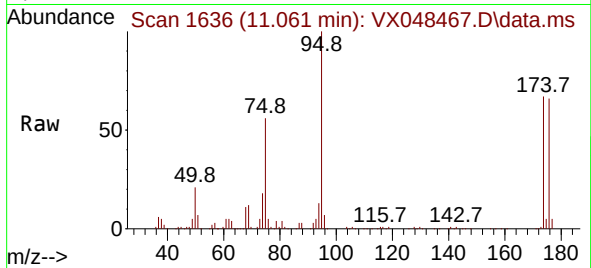




#76
1,2,3-Trichloropropane
Concen: 38.308 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

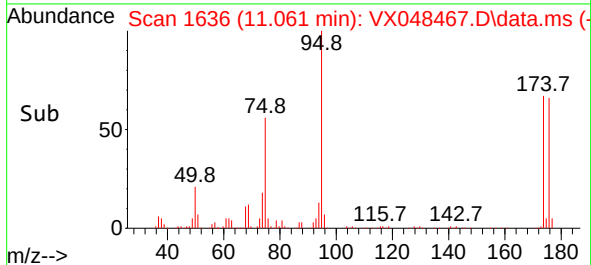
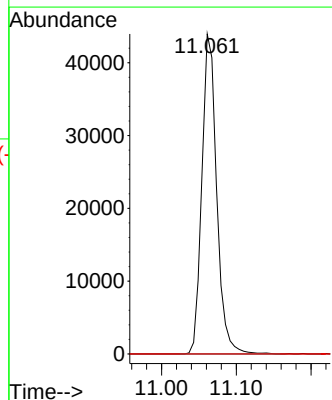
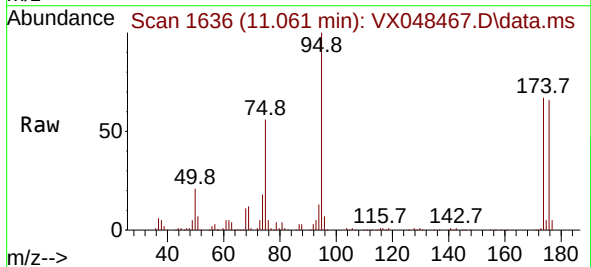
Instrument :
MSVOA_X
ClientSampleId :

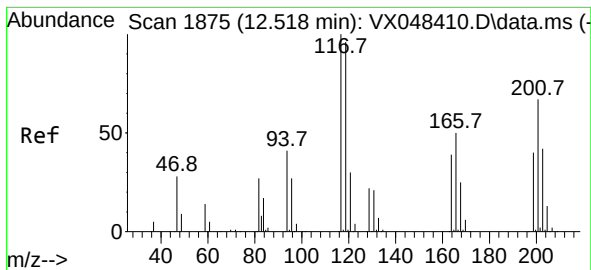
Tgt Ion: 75 Resp: 60532
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.569 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048467.D
Acq: 03 Nov 2025 18:46

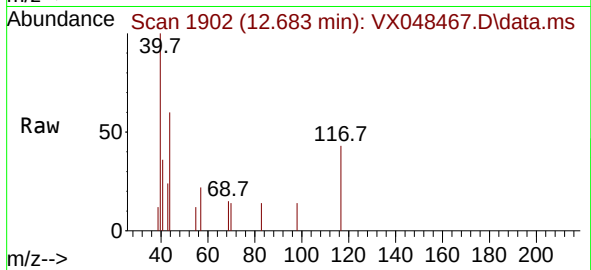
Tgt Ion: 75 Resp: 60532
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#





#90
 Hexachloroethane
 Concen: 0.206 ug/l
 RT: 12.683 min Scan# 1902
 Delta R.T. 0.165 min
 Lab File: VX048467.D
 Acq: 03 Nov 2025 18:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 258
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.1 102.2#

