

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048456.D
 Acq On : 03 Nov 2025 14:59
 Operator : JC/MD
 Sample : Q3495-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:14:17 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)

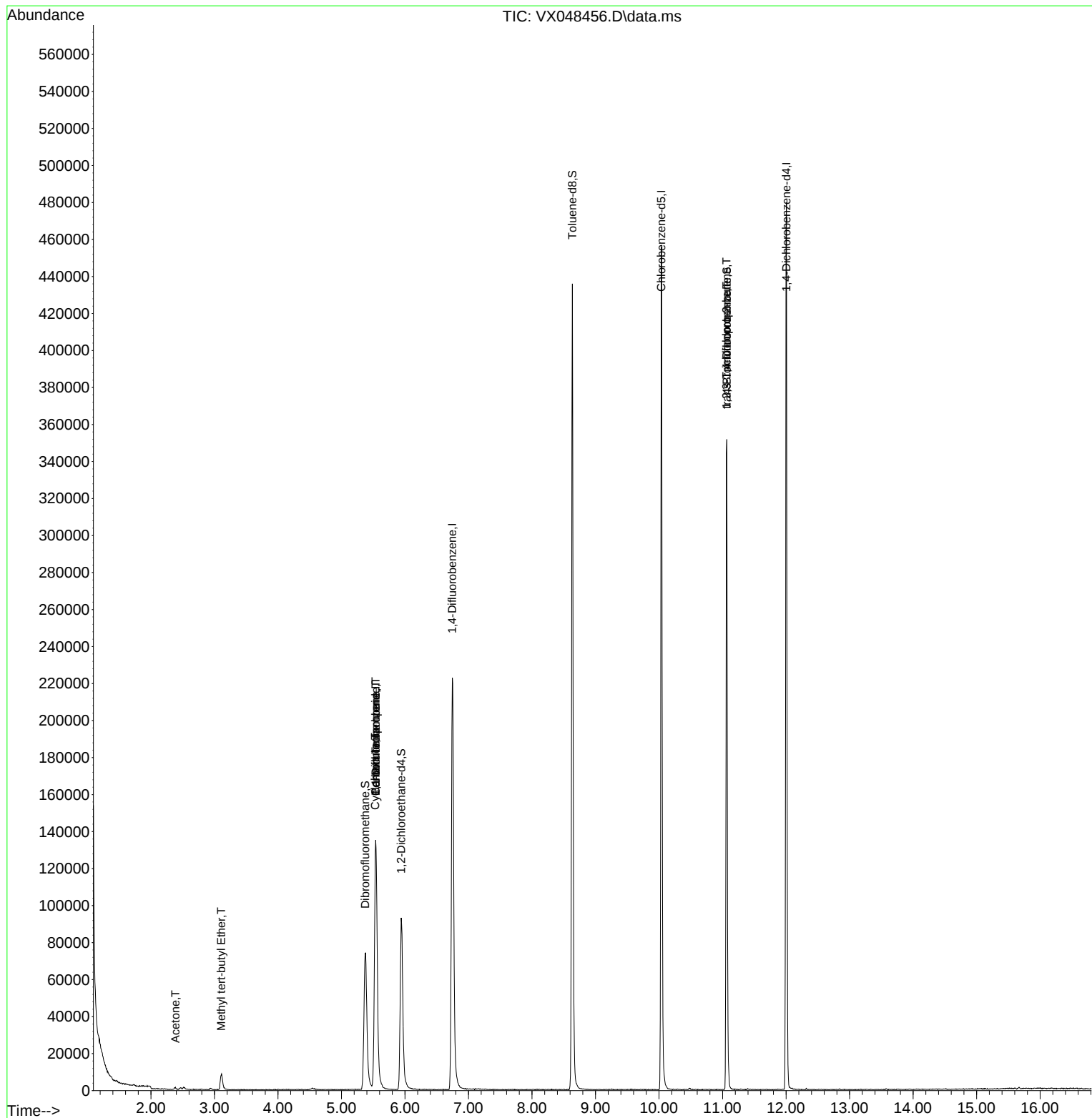
Internal Standards						
1) Pentafluorobenzene	5.537	168	146009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	263069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100460	47.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.373	113	76564	51.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	8.634	98	256435	38.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	77.460%#
62) 4-Bromofluorobenzene	11.067	95	97496	39.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.740%#
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1438	3.022	ug/l #	78
19) Methyl tert-butyl Ether	3.105	73	10356	1.903	ug/l	100
31) Cyclohexane	5.531	56	2633	0.907	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	10793	4.285	ug/l #	49
38) Carbon Tetrachloride	5.537	117	14248	4.899	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	54540	37.394	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	54540	129.406	ug/l #	10

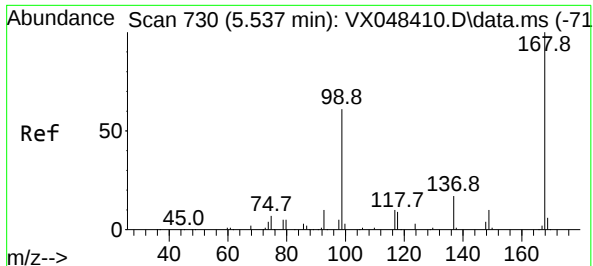
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

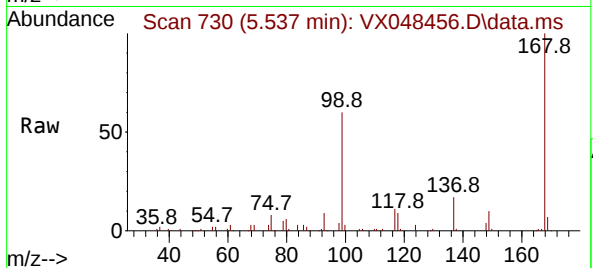
Quant Time: Nov 04 00:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



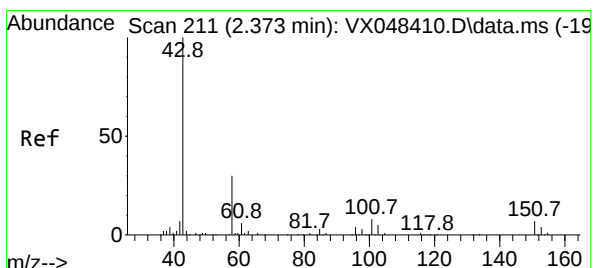
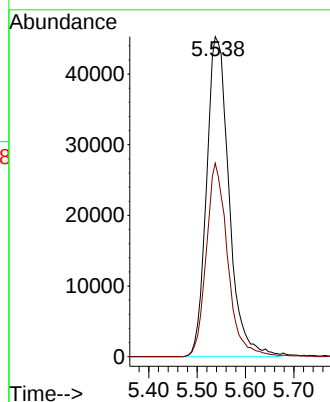
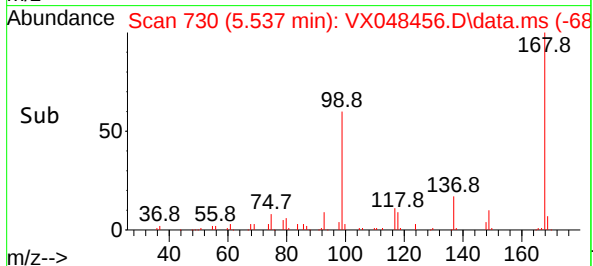


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

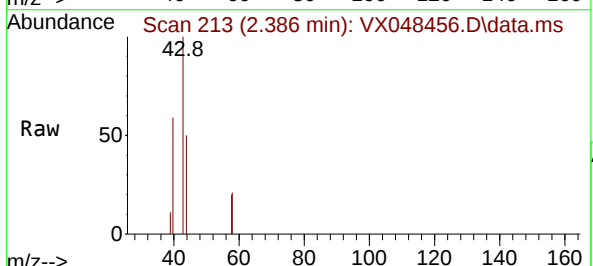
Instrument :
MSVOA_X
ClientSampleId :



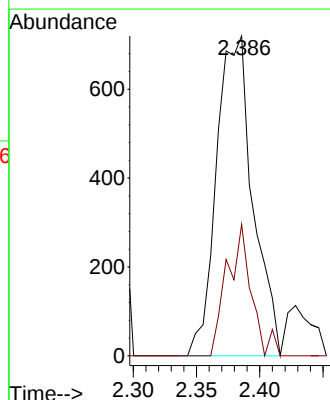
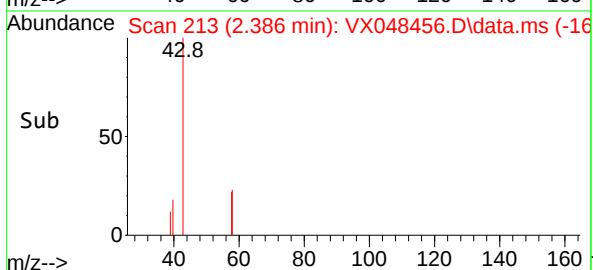
Tgt Ion:168 Resp: 146009
Ion Ratio Lower Upper
168 100
99 60.4 46.4 69.6

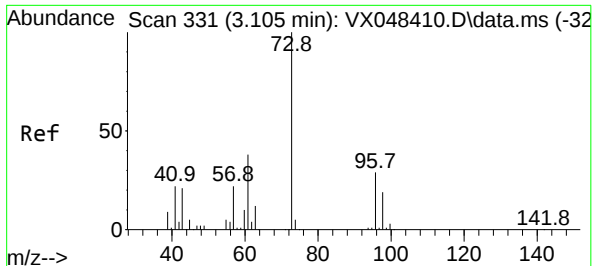


#16
Acetone
Concen: 3.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59



Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
58 41.1 23.4 35.2#

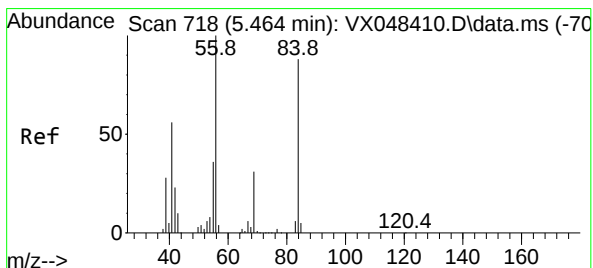
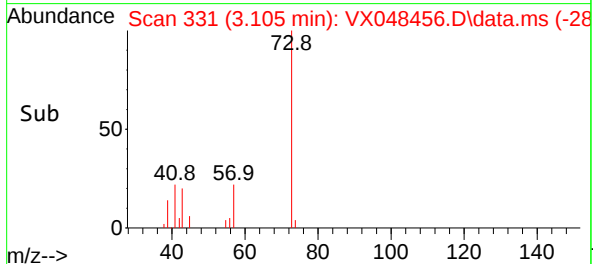
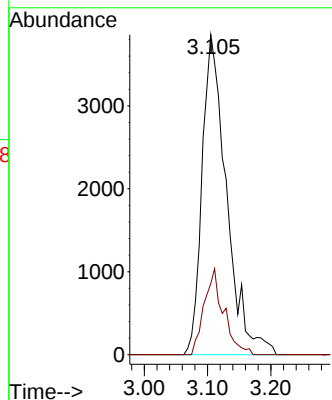
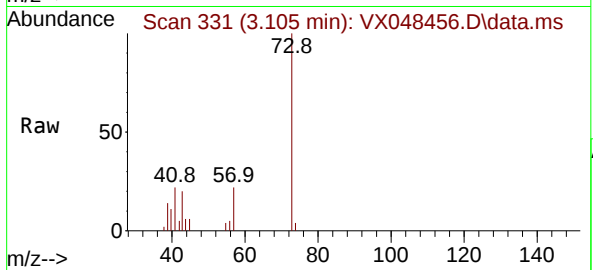




#19
Methyl tert-butyl Ether
Concen: 1.903 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

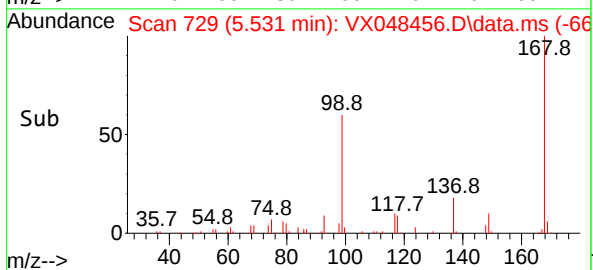
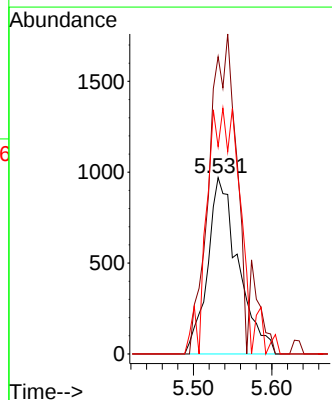
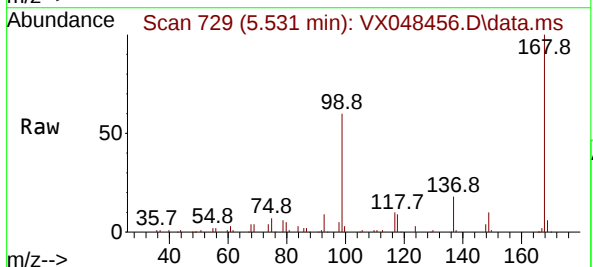
Instrument :
MSVOA_X
ClientSampleId :

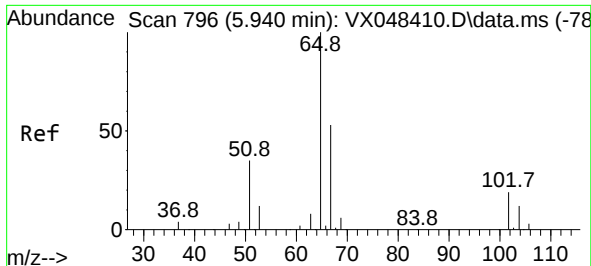
Tgt Ion: 73 Resp: 10356
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#31
Cyclohexane
Concen: 0.907 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.067 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 168.7 23.0 34.6#
84 117.6 64.6 97.0#

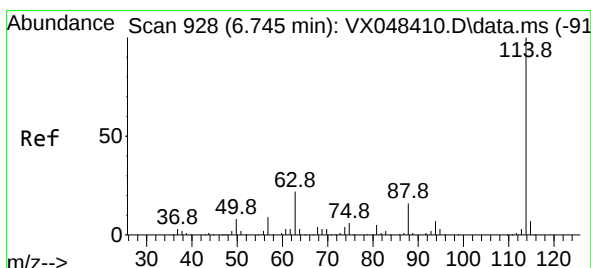
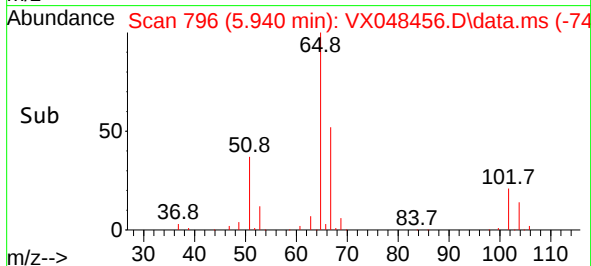
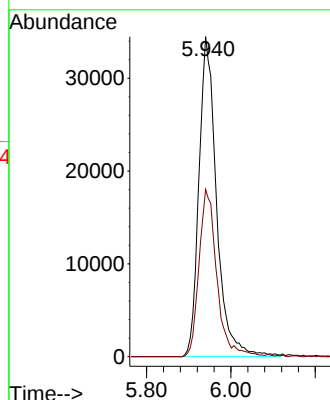
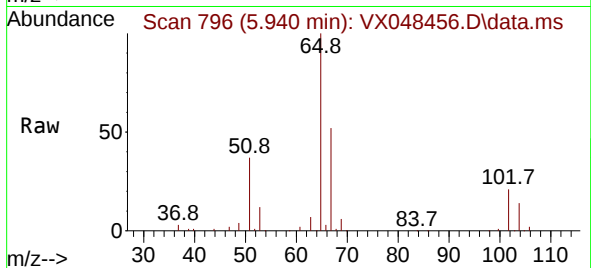




#33
 1,2-Dichloroethane-d4
 Concen: 47.842 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048456.D
 Acq: 03 Nov 2025 14:59

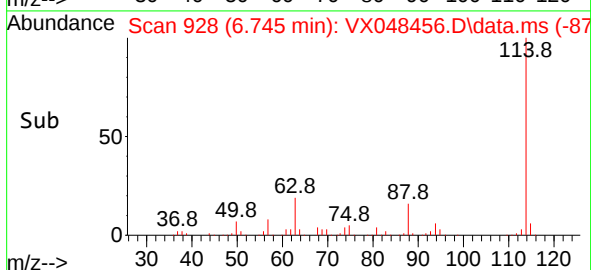
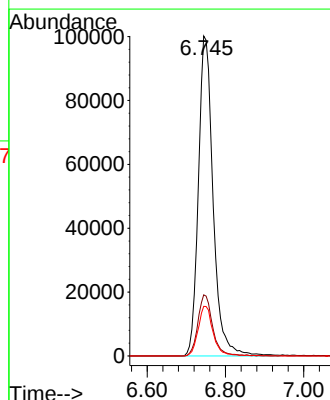
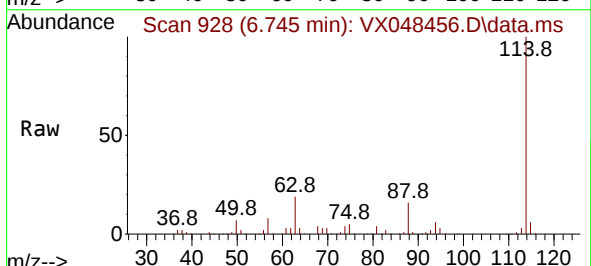
Instrument :
 MSVOA_X
 ClientSampleId :

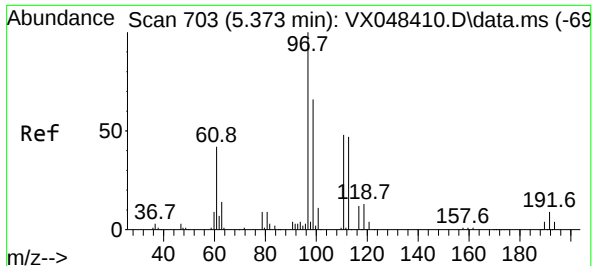
Tgt Ion: 65 Resp: 100460
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. 0.000 min
 Lab File: VX048456.D
 Acq: 03 Nov 2025 14:59

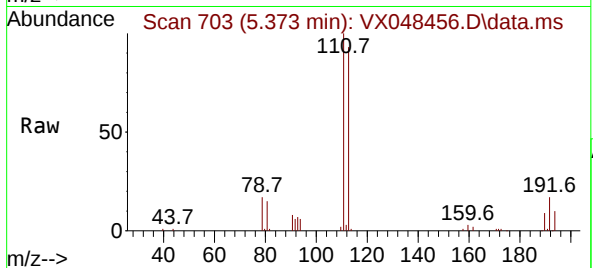
Tgt Ion: 114 Resp: 263069
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.2
 88 15.5 0.0 33.6



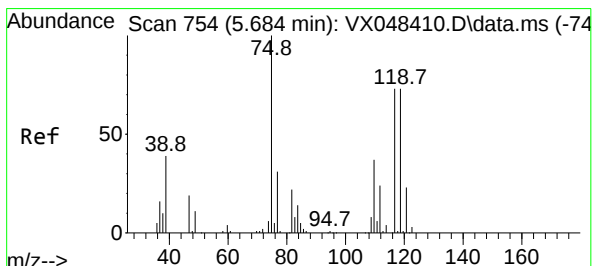
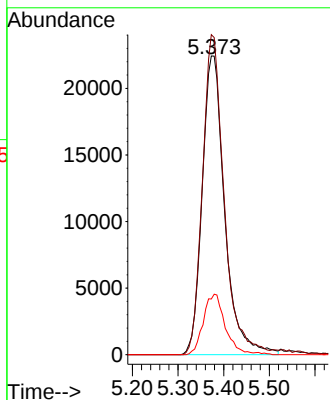
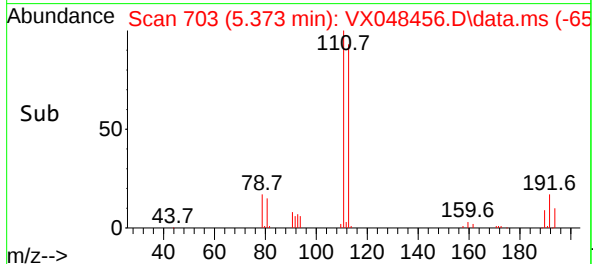


#35
Dibromofluoromethane
Concen: 51.048 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

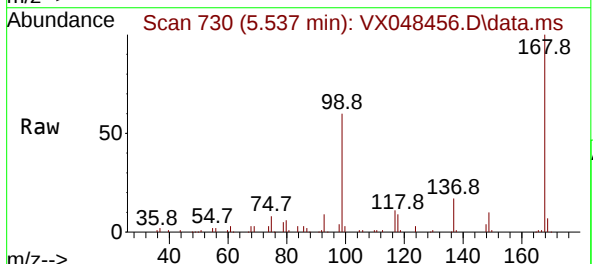
Instrument :
MSVOA_X
ClientSampleId :



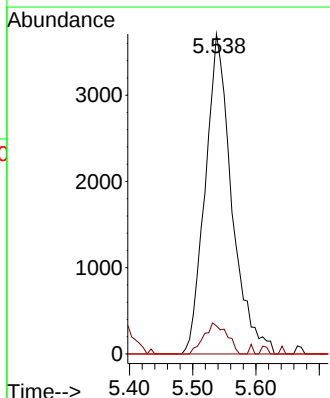
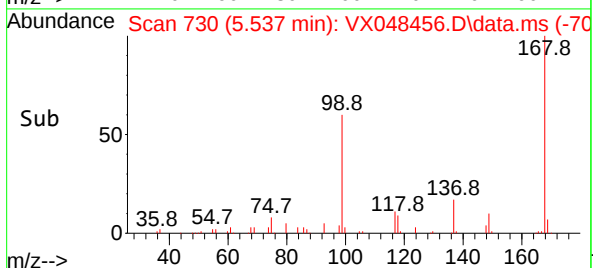
Tgt Ion:113 Resp: 76564
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.5 15.1 22.7

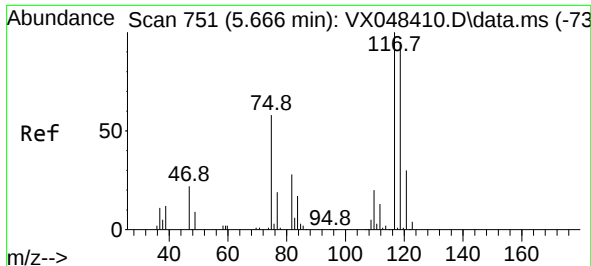


#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59



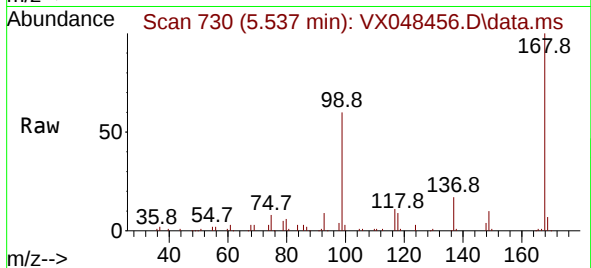
Tgt Ion: 75 Resp: 10793
Ion Ratio Lower Upper
75 100
110 8.4 17.7 53.1#
77 0.0 24.3 36.5#



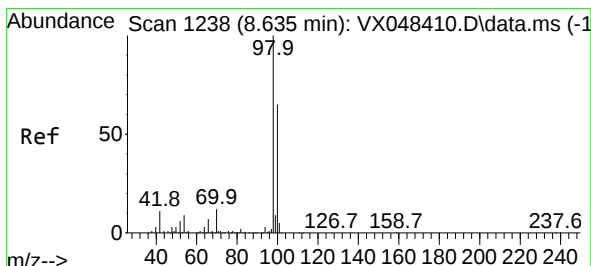
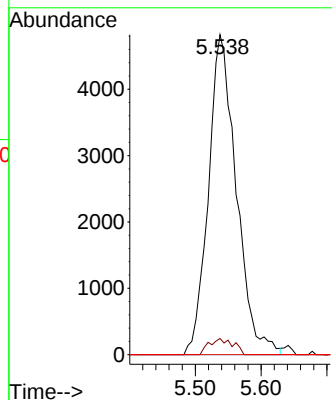
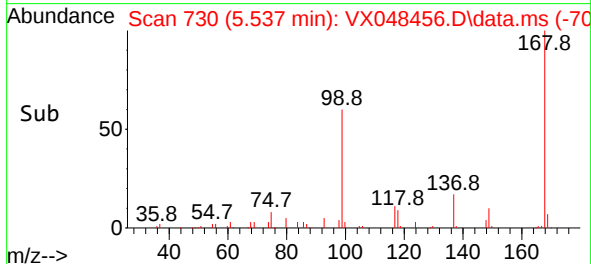


#38
Carbon Tetrachloride
Concen: 4.899 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :

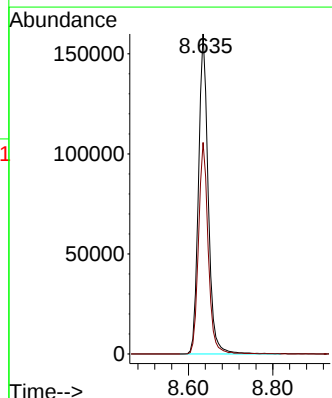
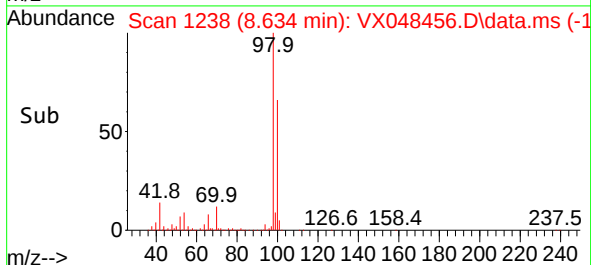
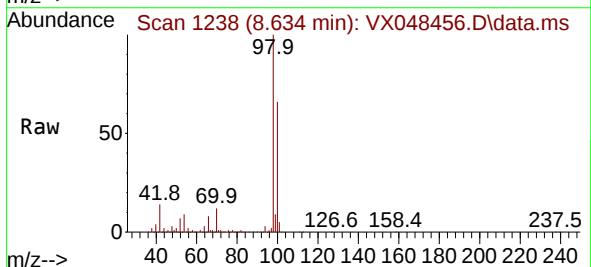


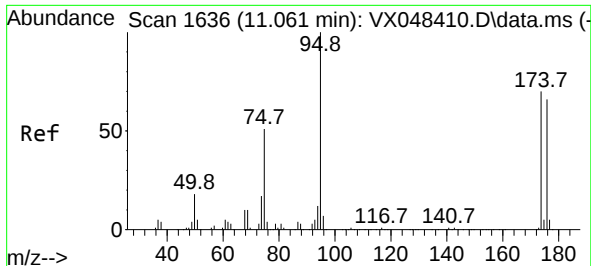
Tgt Ion:117 Resp: 14248
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.732 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 98 Resp: 256435
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

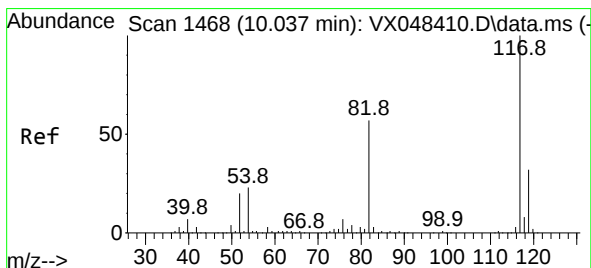
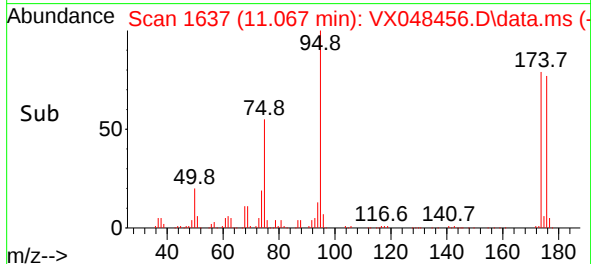
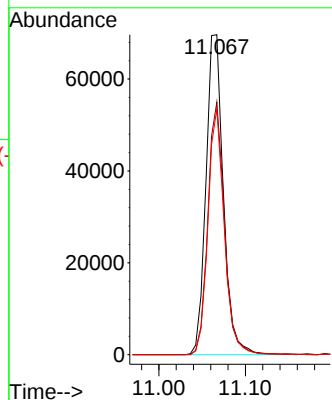
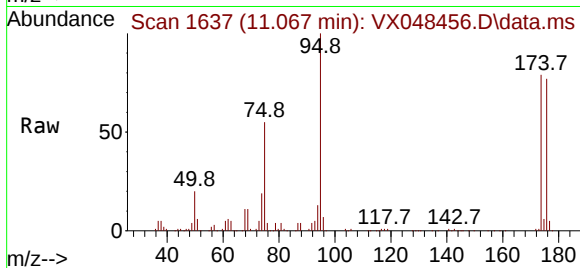




#62
4-Bromofluorobenzene
Concen: 39.365 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

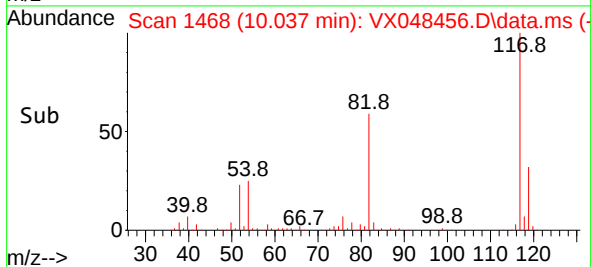
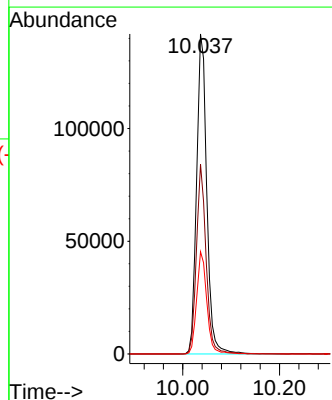
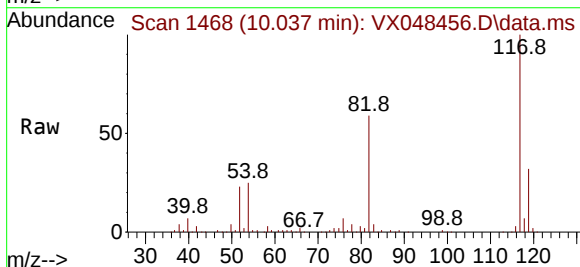
Instrument :
MSVOA_X
ClientSampleId :

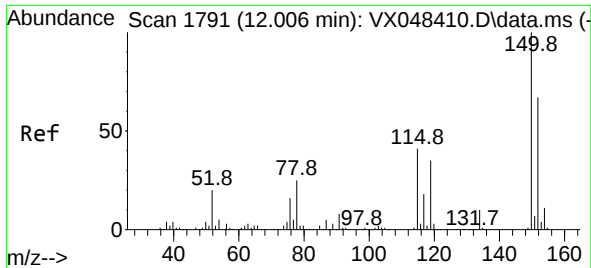
Tgt Ion: 95 Resp: 97496
Ion Ratio Lower Upper
95 100
174 75.3 0.0 147.8
176 71.9 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 117 Resp: 207013
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 31.9 25.9 38.9

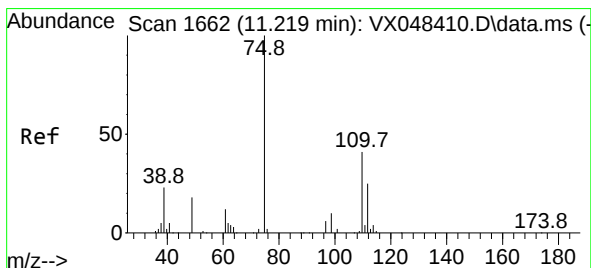
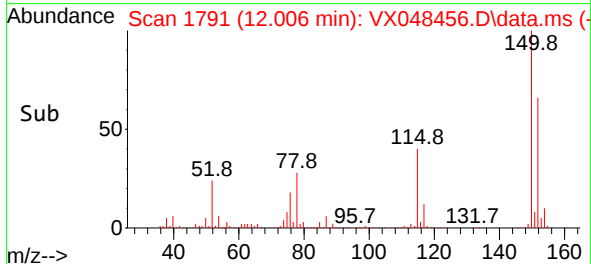
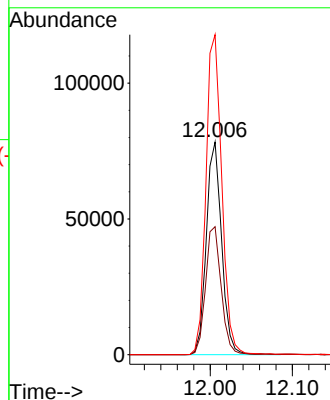
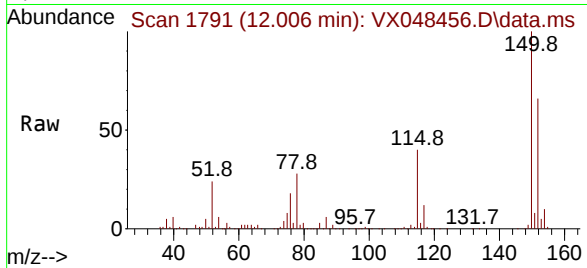




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048456.D
 Acq: 03 Nov 2025 14:59

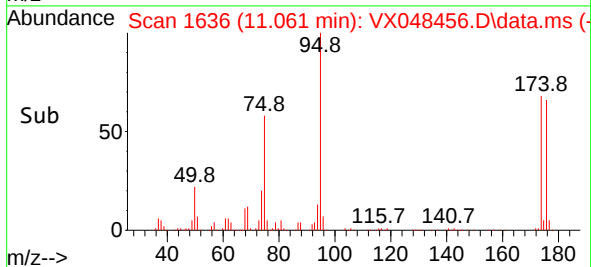
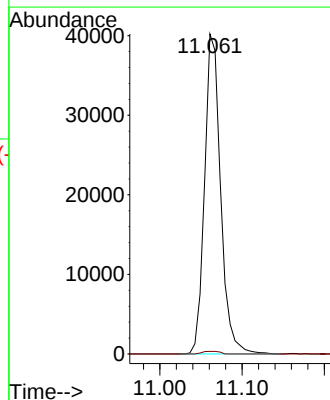
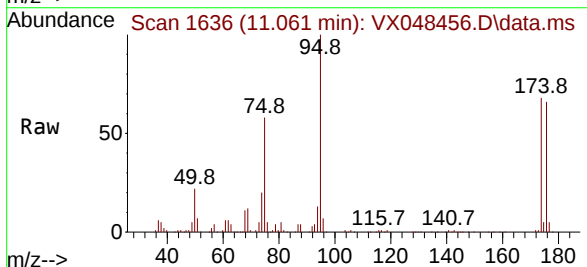
Instrument :
 MSVOA_X
 ClientSampleId :

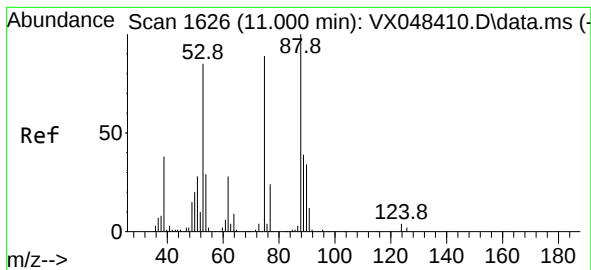
Tgt Ion:152 Resp: 101418
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.1 129.4
 150 155.3 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 37.394 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048456.D
 Acq: 03 Nov 2025 14:59

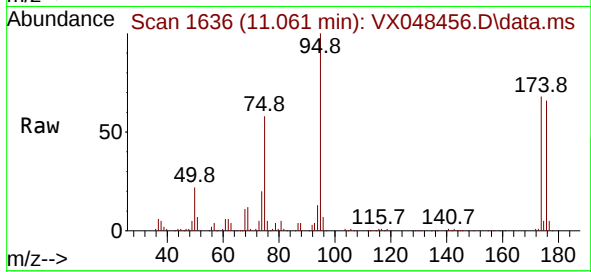
Tgt Ion: 75 Resp: 54540
 Ion Ratio Lower Upper
 75 100
 77 0.9 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.406 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 54540
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

