

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048455.D
 Acq On : 03 Nov 2025 14:39
 Operator : JC/MD
 Sample : Q3511-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 00:13:58 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)

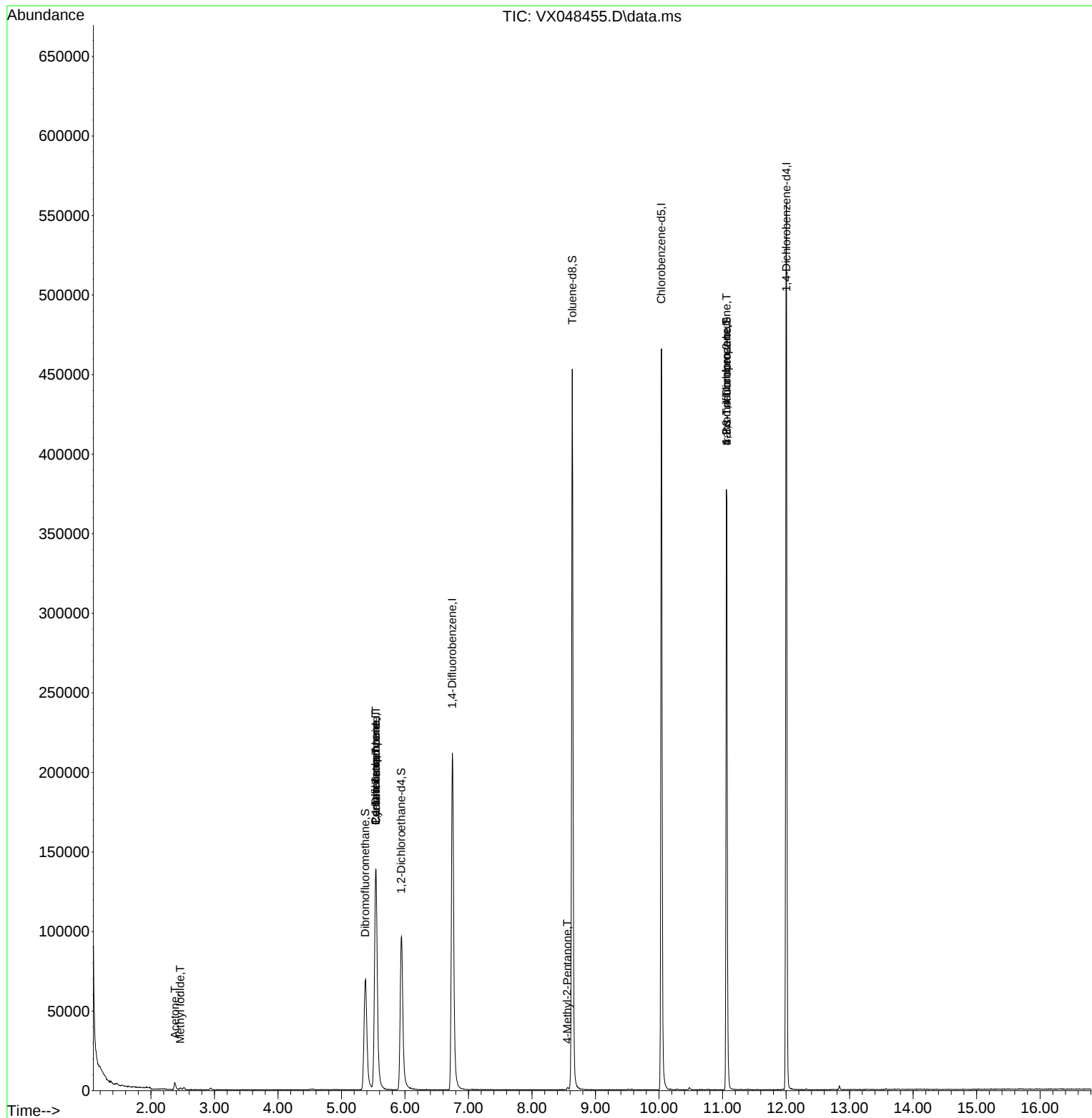
Internal Standards						
1) Pentafluorobenzene	5.537	168	151059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	227617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	210441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108164	49.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.580%	
35) Dibromofluoromethane	5.373	113	71016	54.723	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.440%	
50) Toluene-d8	8.634	98	267143	46.634	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.260%	
62) 4-Bromofluorobenzene	11.061	95	106355	49.631	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	1494	0.215	ug/l #	92
16) Acetone	2.379	43	5697	11.570	ug/l	95
31) Cyclohexane	5.543	56	2622	0.873	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	10683	4.902	ug/l #	45
38) Carbon Tetrachloride	5.543	117	14852	5.903	ug/l #	17
51) 4-Methyl-2-Pentanone	8.555	43	1256	0.736	ug/l #	71
76) 1,2,3-Trichloropropane	11.061	75	59167	33.461	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	59167	115.794	ug/l #	10

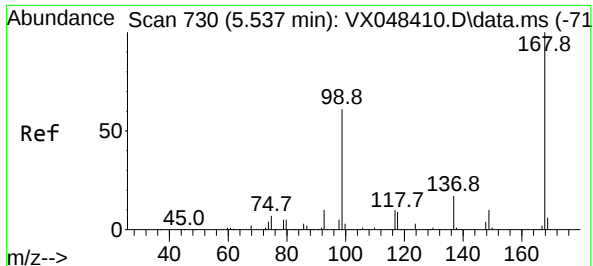
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

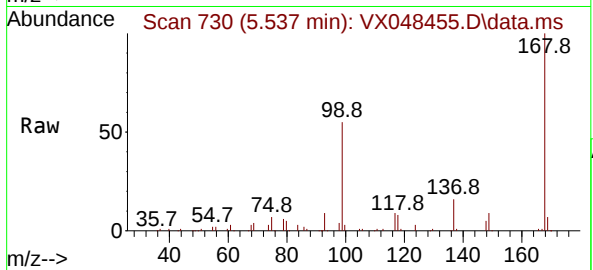
Quant Time: Nov 04 00:13:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



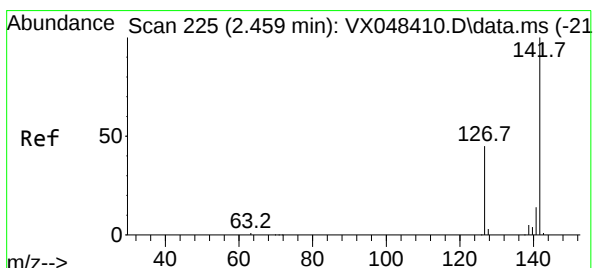
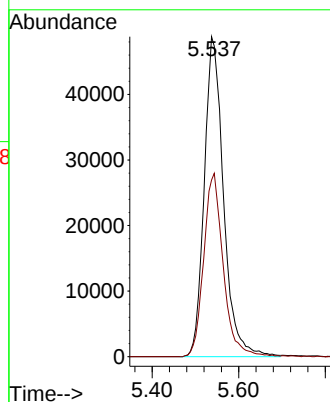
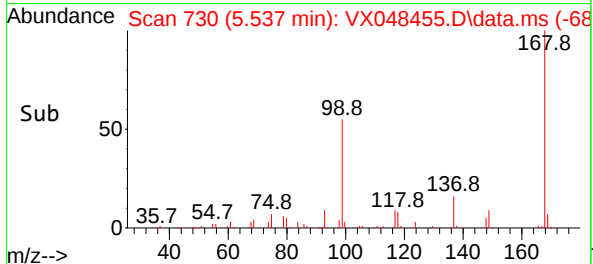


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :

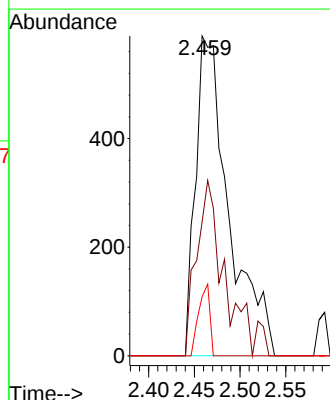
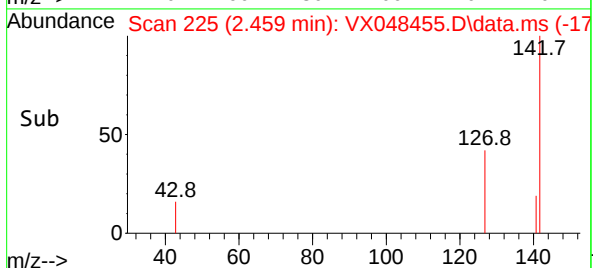
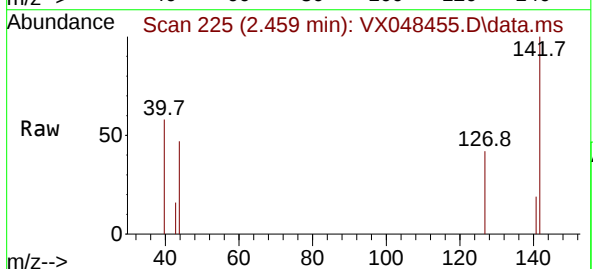


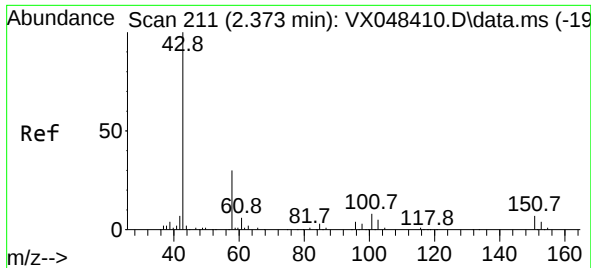
Tgt Ion:168 Resp: 151059
Ion Ratio Lower Upper
168 100
99 55.2 46.4 69.6



#10
Methyl Iodide
Concen: 0.215 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

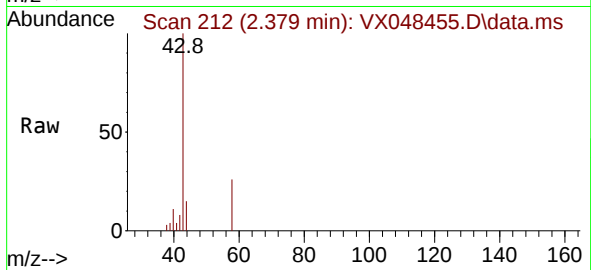
Tgt Ion:142 Resp: 1494
Ion Ratio Lower Upper
142 100
127 44.5 38.5 57.7
141 7.4 11.6 17.4#



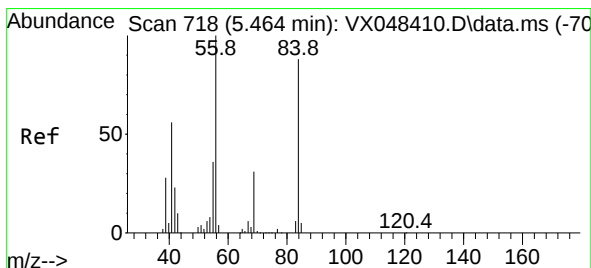
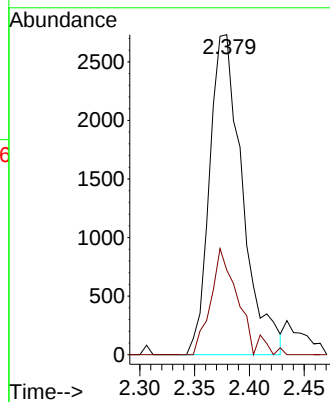
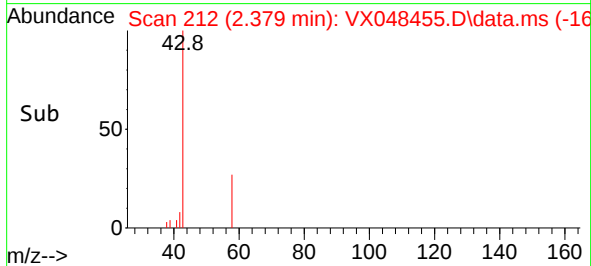


#16
Acetone
Concen: 11.570 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

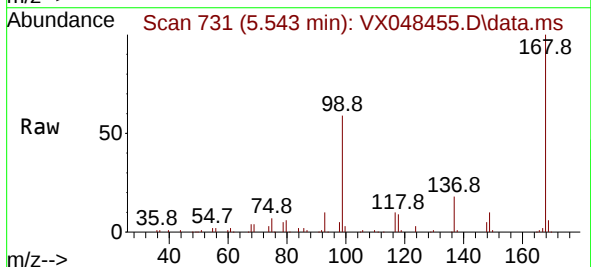
Instrument :
MSVOA_X
ClientSampleId :



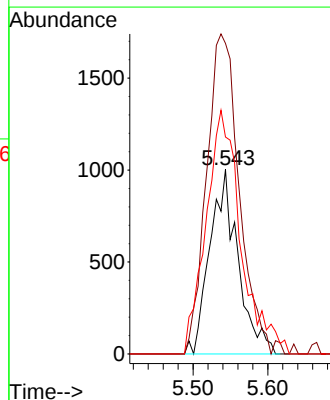
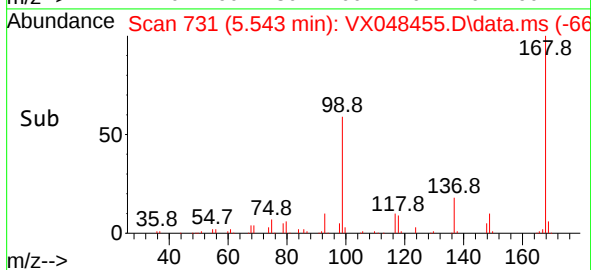
Tgt Ion: 43 Resp: 5697
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.2

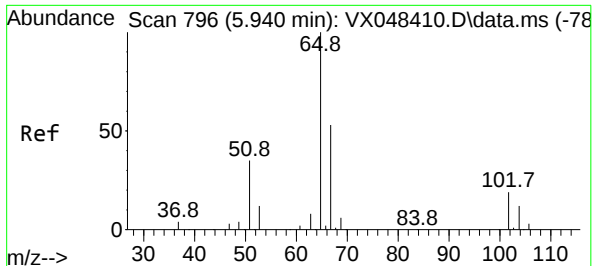


#31
Cyclohexane
Concen: 0.873 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39



Tgt Ion: 56 Resp: 2622
Ion Ratio Lower Upper
56 100
69 168.4 23.0 34.6#
84 117.6 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048455.D

Acq: 03 Nov 2025 14:39

Instrument :

MSVOA_X

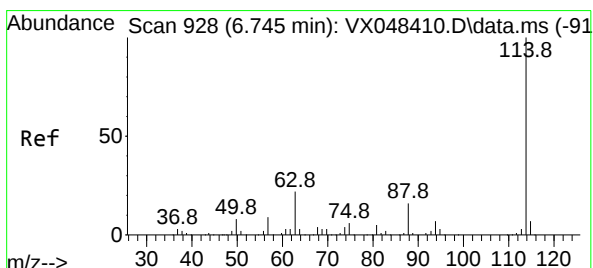
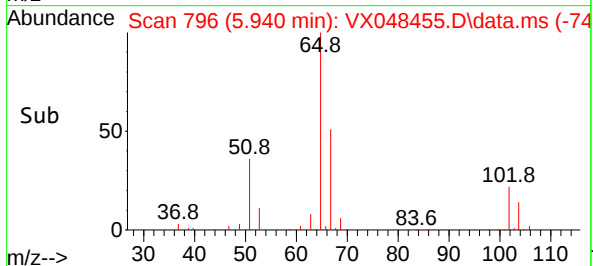
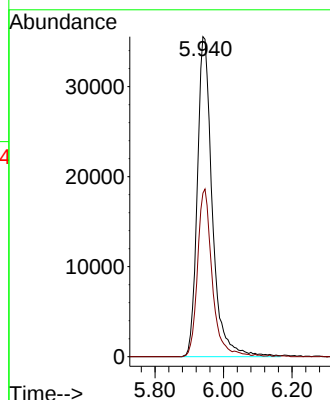
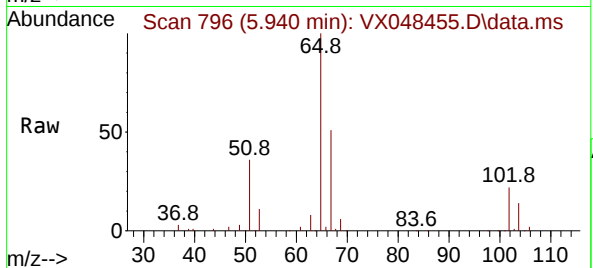
ClientSampleId :

Tgt Ion: 65 Resp: 108164

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048455.D

Acq: 03 Nov 2025 14:39

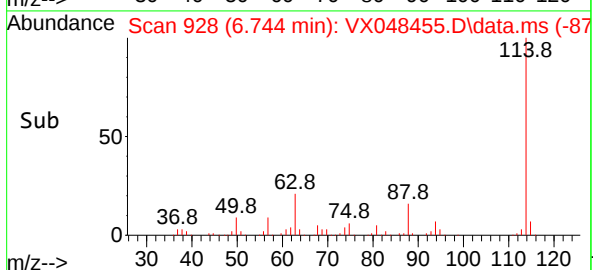
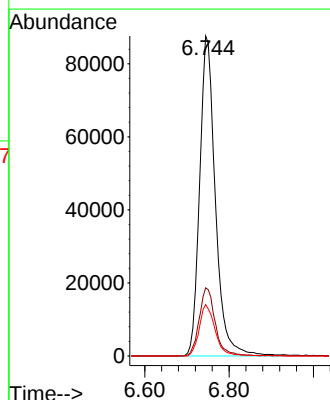
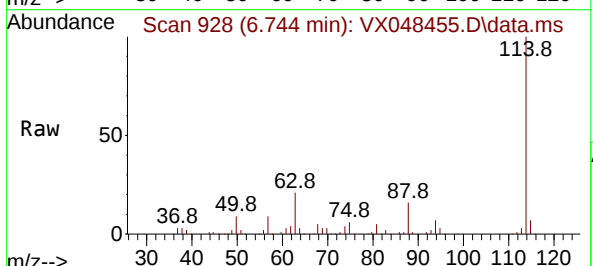
Tgt Ion: 114 Resp: 227617

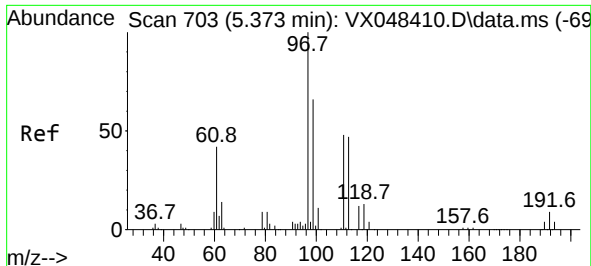
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

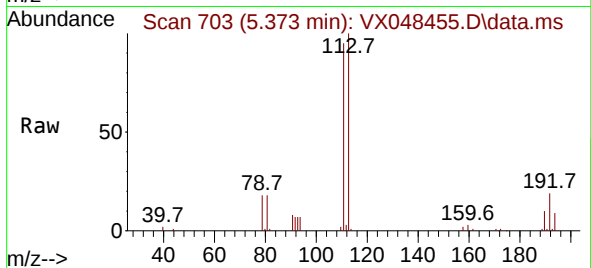
88 16.0 0.0 33.6



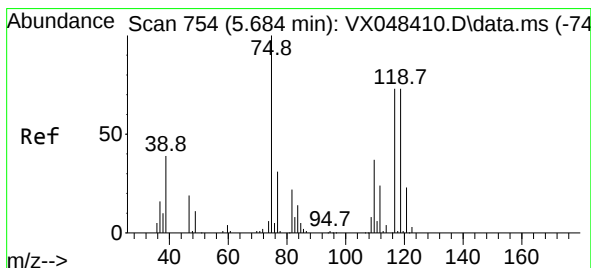
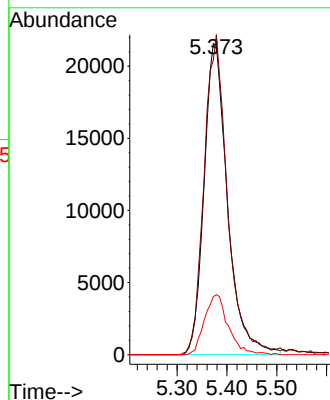
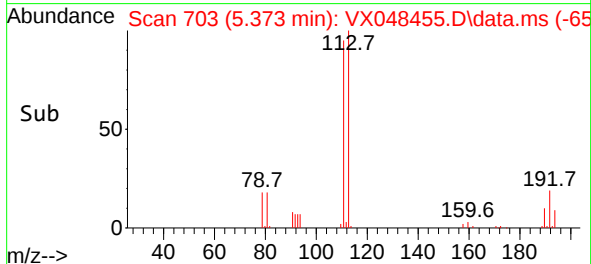


#35
Dibromofluoromethane
Concen: 54.723 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

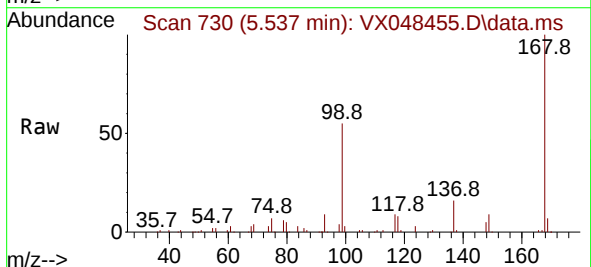
Instrument :
MSVOA_X
ClientSampleId :



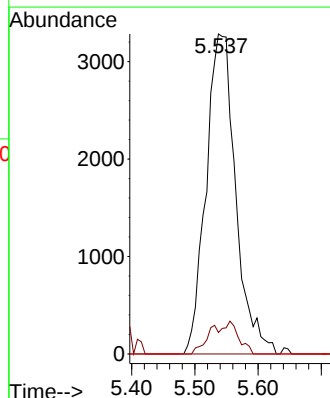
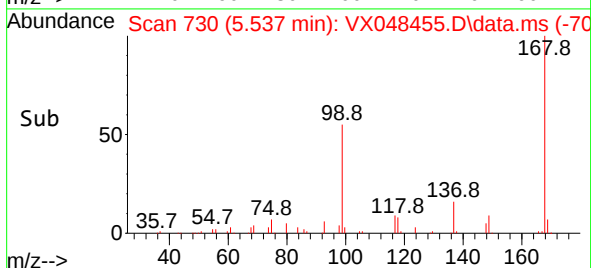
Tgt Ion:113 Resp: 71016
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.4 15.1 22.7

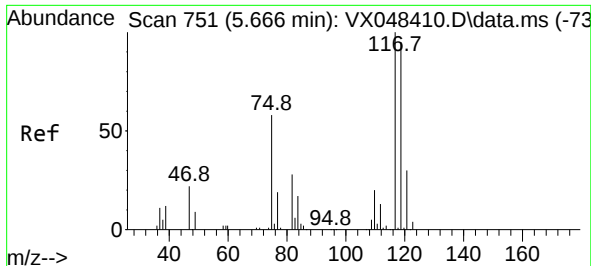


#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39



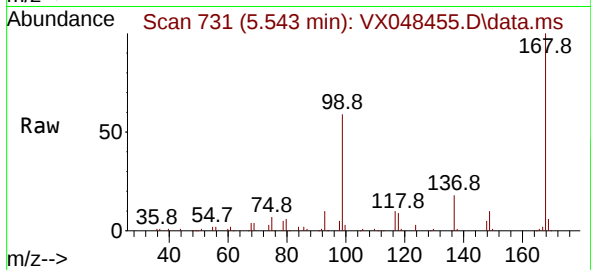
Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
110 4.0 17.7 53.1#
77 0.0 24.3 36.5#



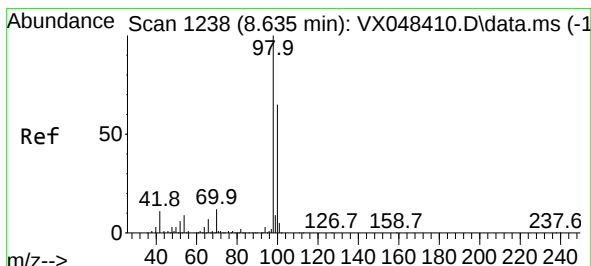
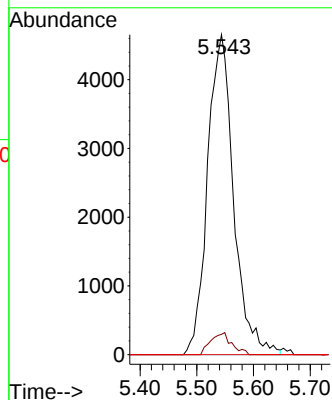
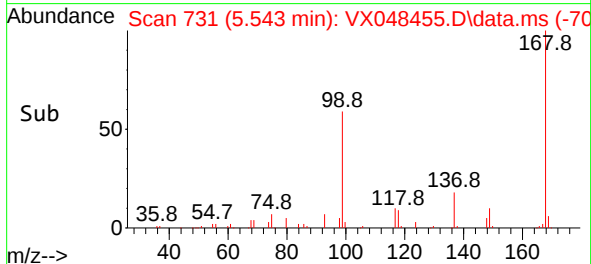


#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :

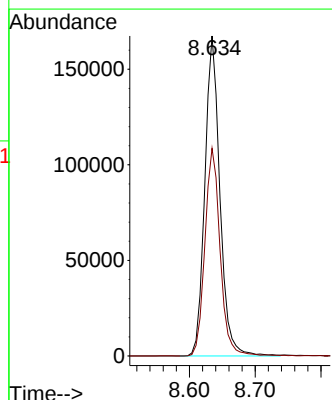
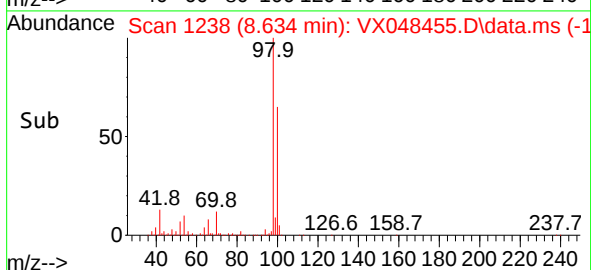
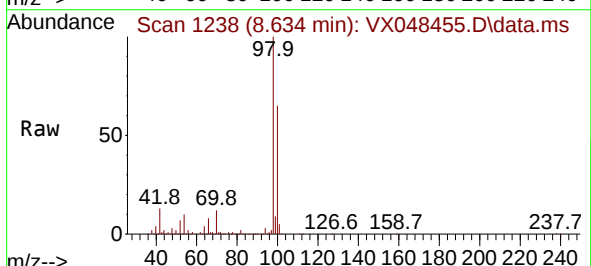


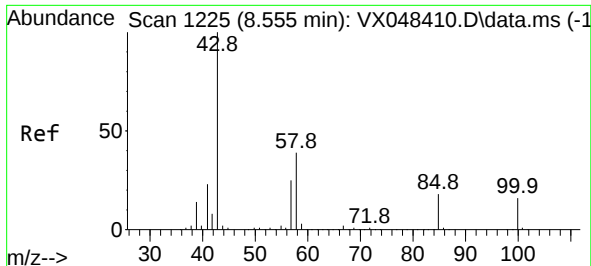
Tgt Ion:117 Resp: 14852
Ion Ratio Lower Upper
117 100
119 6.4 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.634 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Tgt Ion: 98 Resp: 267143
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

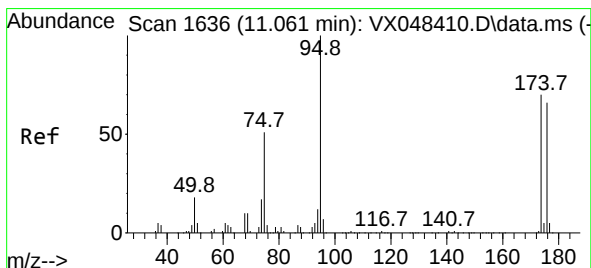
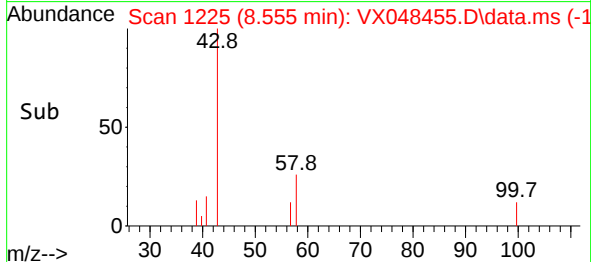
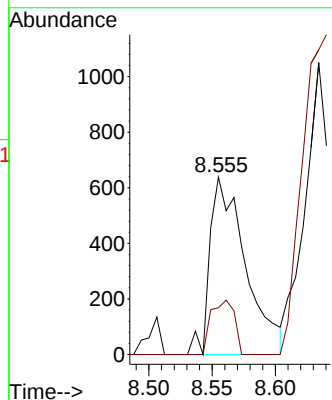
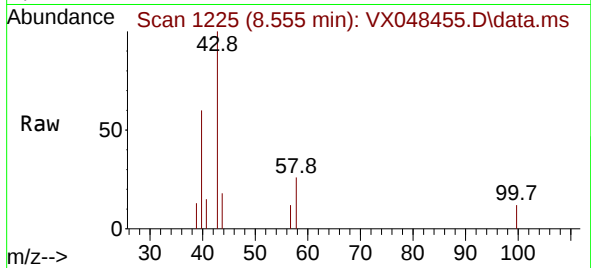




#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

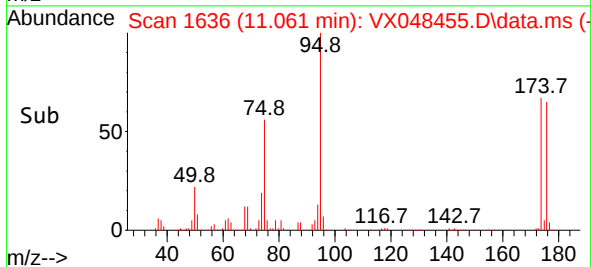
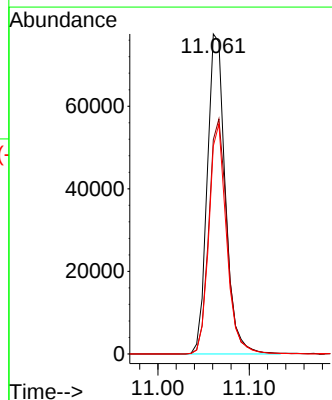
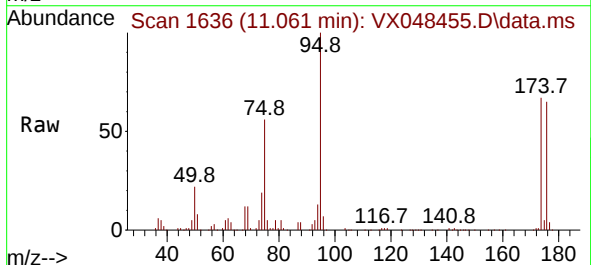
Instrument :
MSVOA_X
ClientSampleId :

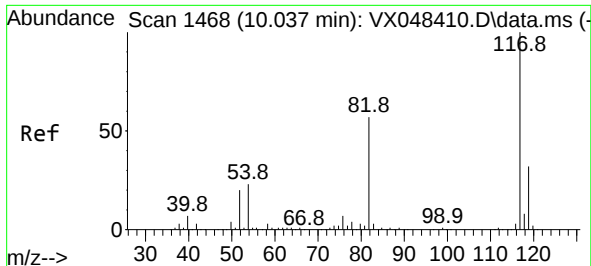
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 19.9 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

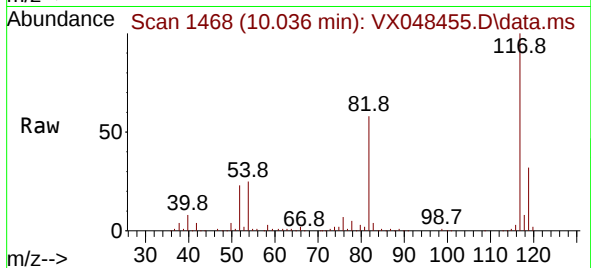
Tgt Ion: 95 Resp: 106355
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 70.1 0.0 142.8



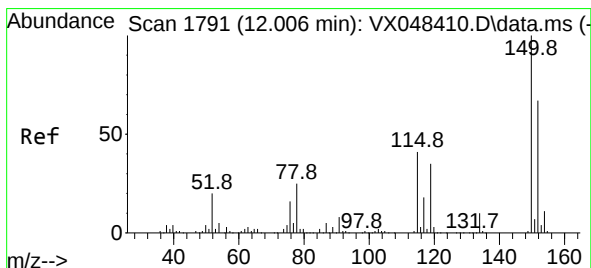
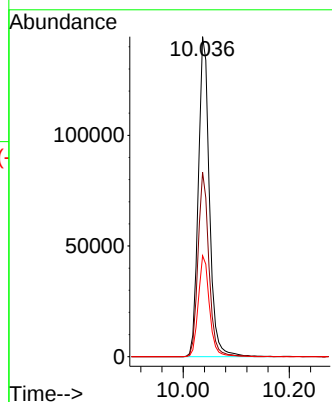
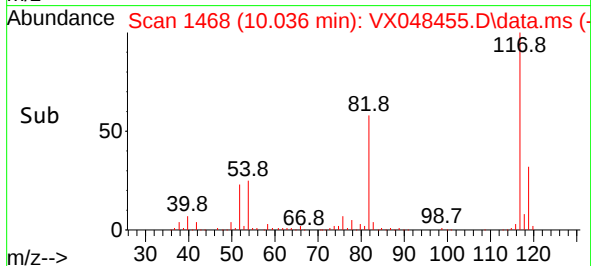


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

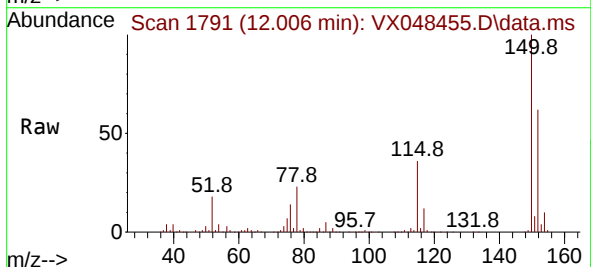
Instrument :
MSVOA_X
ClientSampleId :



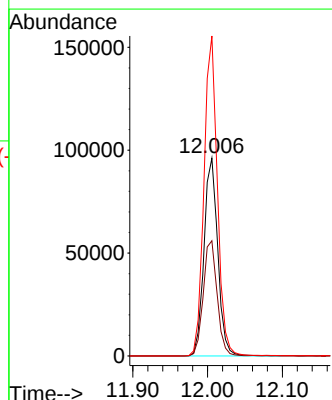
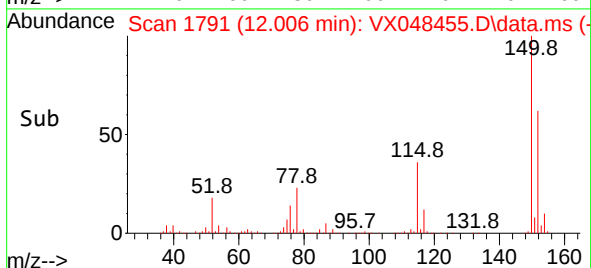
Tgt Ion:117 Resp: 210441
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 31.6 25.9 38.9

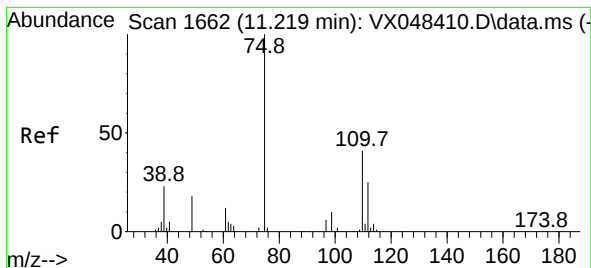


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39



Tgt Ion:152 Resp: 122955
Ion Ratio Lower Upper
152 100
115 58.7 43.1 129.4
150 157.8 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 33.461 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048455.D

Acq: 03 Nov 2025 14:39

Instrument :

MSVOA_X

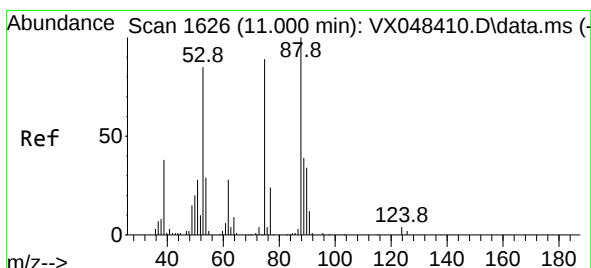
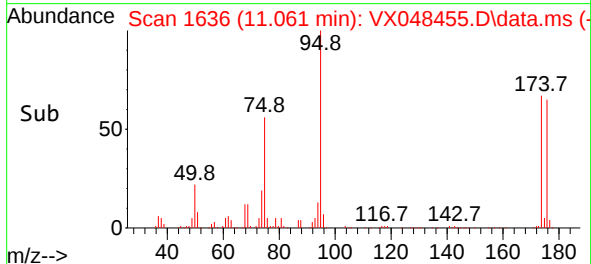
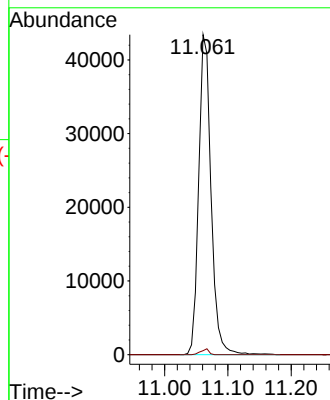
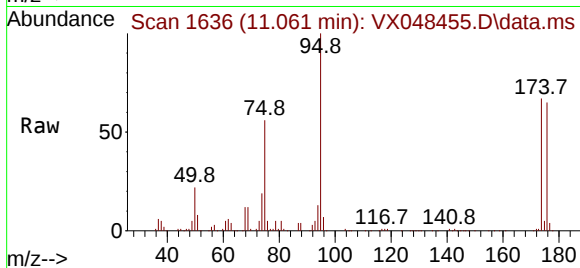
ClientSampleId :

Tgt Ion: 75 Resp: 59167

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.794 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048455.D

Acq: 03 Nov 2025 14:39

Tgt Ion: 75 Resp: 59167

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 36.8 55.2#

