

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047927.D
 Acq On : 01 Oct 2025 10:03
 Operator : JC/MD
 Sample : VX1001WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBL01

Quant Time: Oct 03 01:15:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	138593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	281738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119484	54.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.320%
35) Dibromofluoromethane	5.373	113	96410	51.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	8.634	98	321714	49.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.061	95	138483	55.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.620%

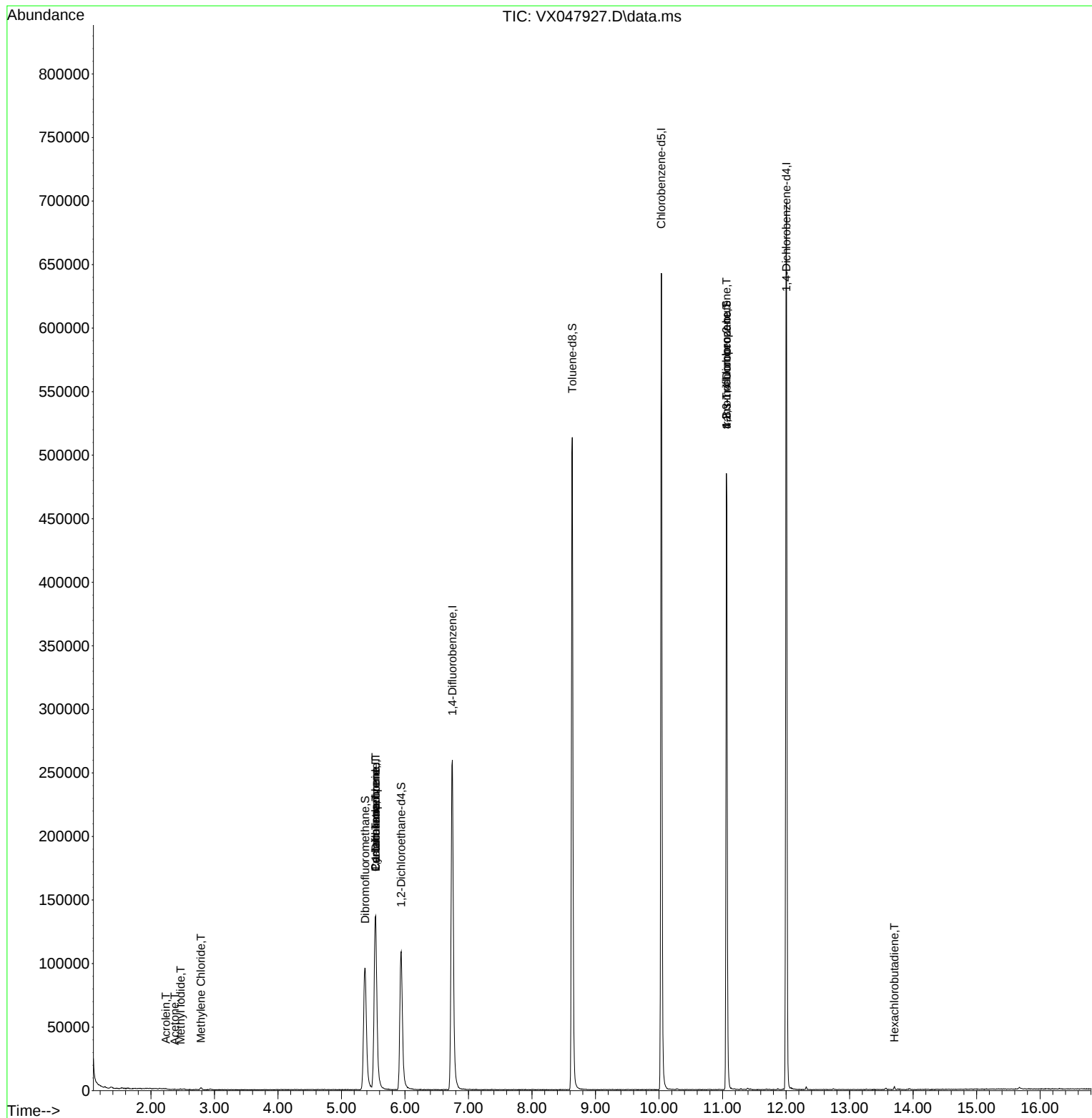
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	701	0.280	ug/l #	84
13) Acrolein	2.233	56	74	0.327	ug/l #	51
16) Acetone	2.373	43	460	0.480	ug/l #	45
20) Methylene Chloride	2.788	84	665	0.328	ug/l #	89
31) Cyclohexane	5.537	56	3167	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	11809	4.277	ug/l #	53
38) Carbon Tetrachloride	5.537	117	15480	5.160	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	72864	24.152	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	72864	61.590	ug/l #	8
94) Hexachlorobutadiene	13.707	225	431	0.395	ug/l	82

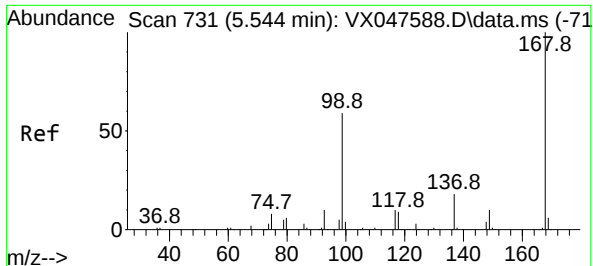
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
Data File : VX047927.D
Acq On : 01 Oct 2025 10:03
Operator : JC/MD
Sample : VX1001WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

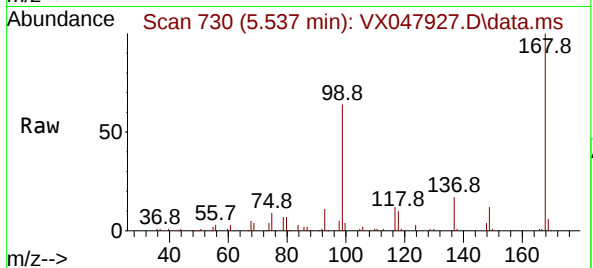
Quant Time: Oct 03 01:15:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



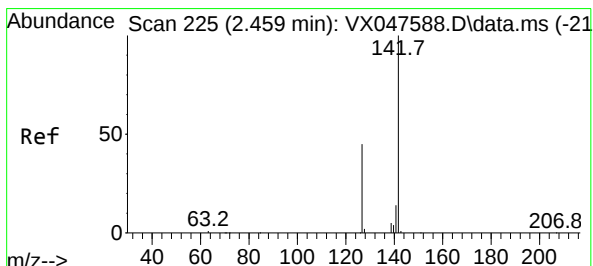
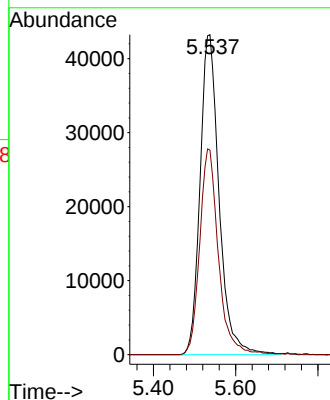
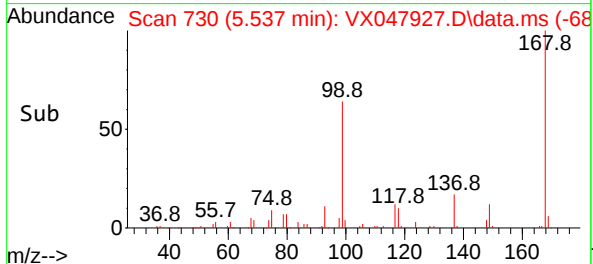


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

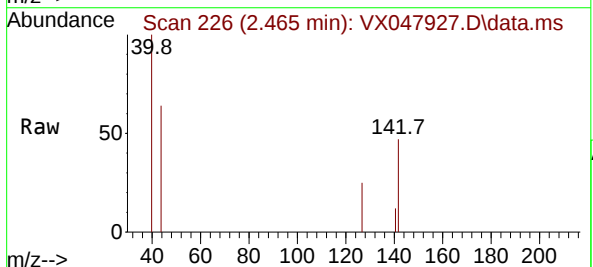
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01



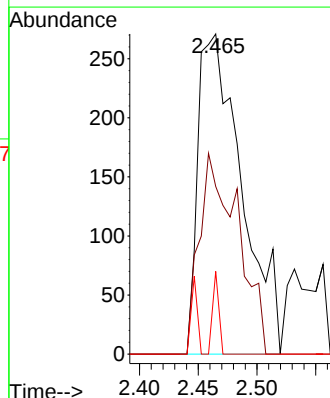
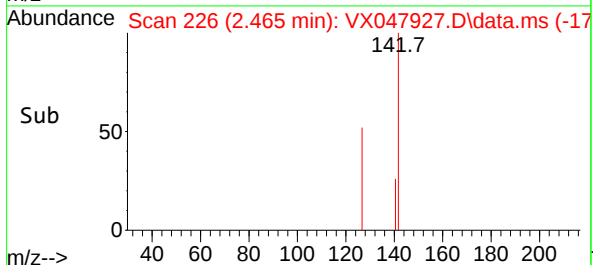
Tgt Ion:168 Resp: 138593
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2

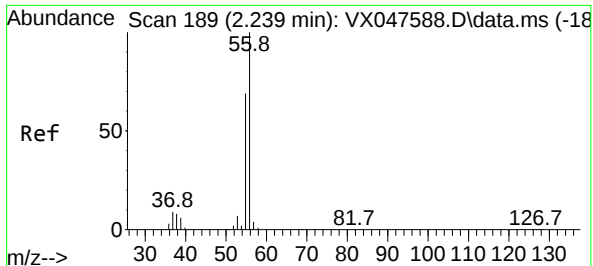


#10
Methyl Iodide
Concen: 0.280 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03



Tgt Ion:142 Resp: 701
Ion Ratio Lower Upper
142 100
127 55.3 37.2 55.8
141 3.7 11.4 17.0#

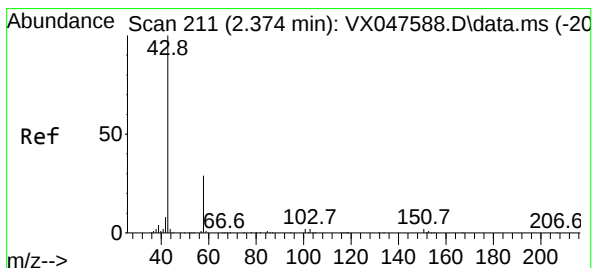
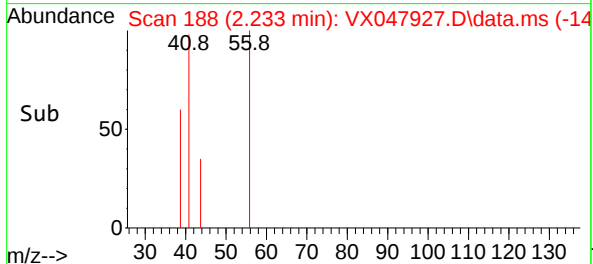
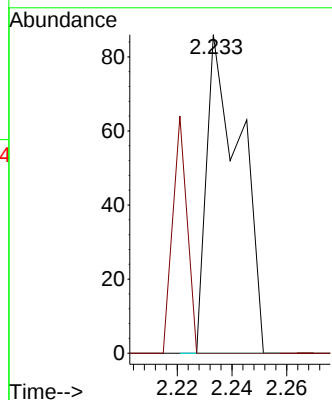
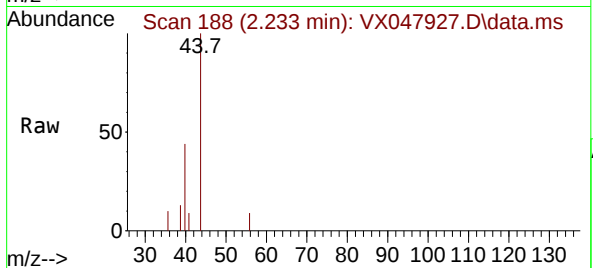




#13
Acrolein
Concen: 0.327 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

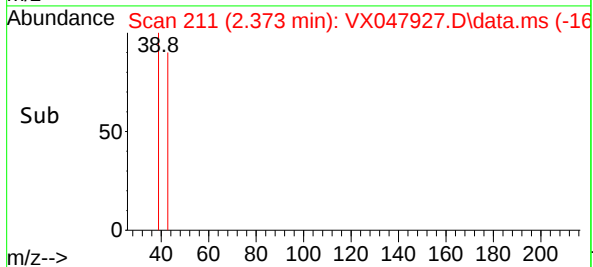
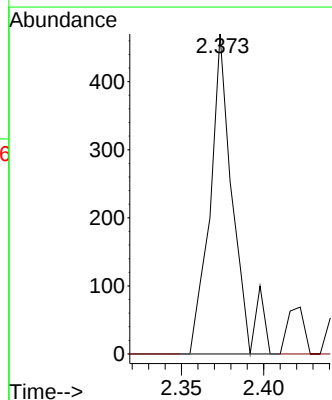
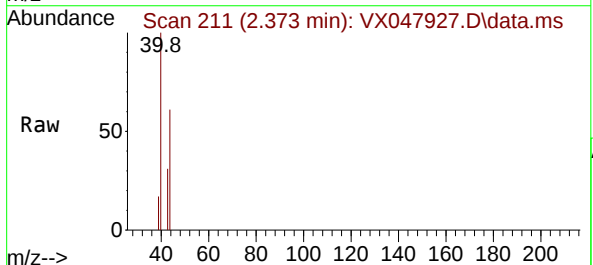
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

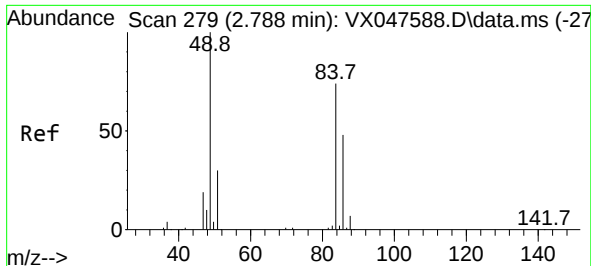
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 31.1 57.2 85.8#



#16
Acetone
Concen: 0.480 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#

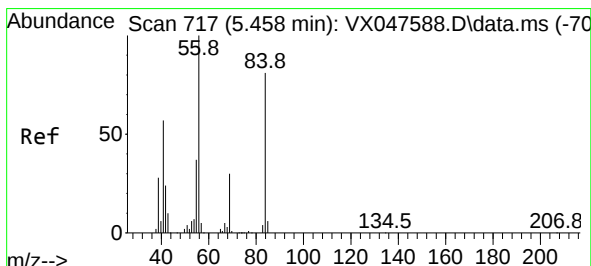
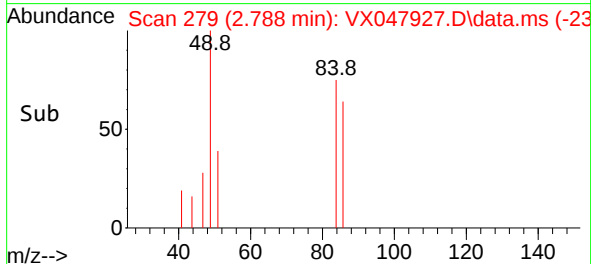
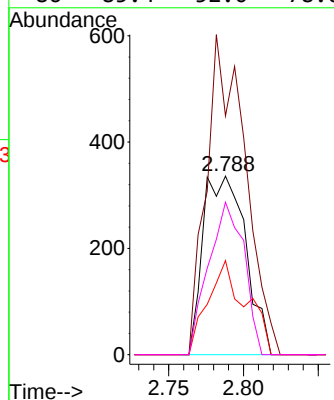
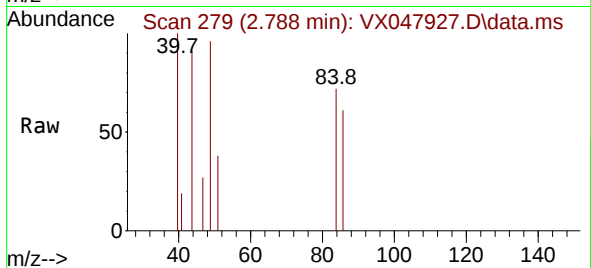




#20
Methylene Chloride
Concen: 0.328 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

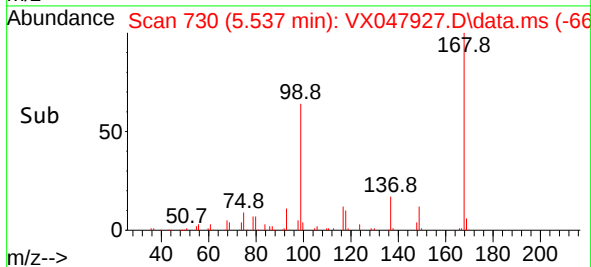
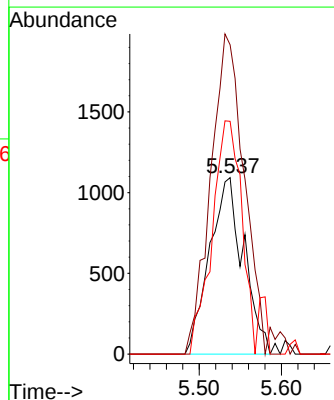
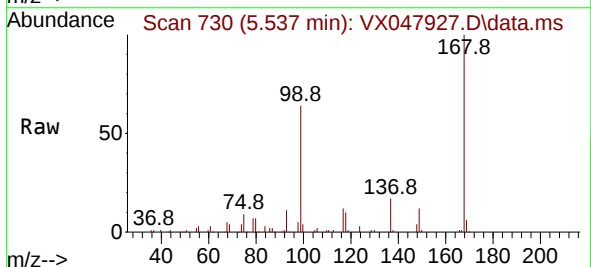
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

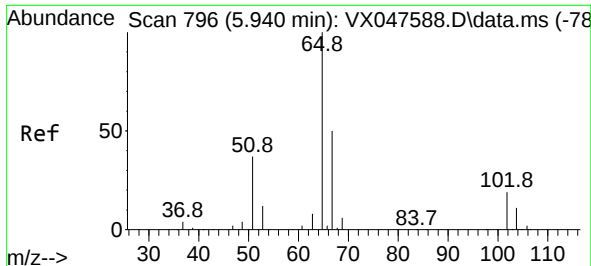
Tgt Ion:	84	Resp:	665
Ion	Ratio	Lower	Upper
84	100		
49	133.6	108.6	162.8
51	52.7	32.6	48.8#
86	85.4	52.0	78.0#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion:	56	Resp:	3167
Ion	Ratio	Lower	Upper
56	100		
69	175.3	23.8	35.8#
84	131.9	64.6	97.0#

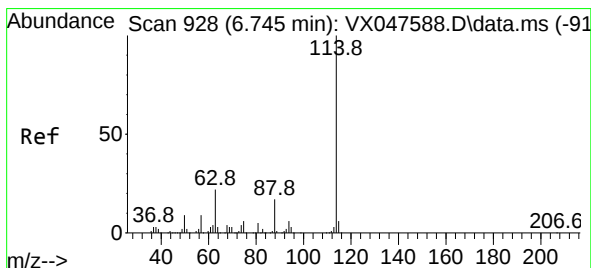
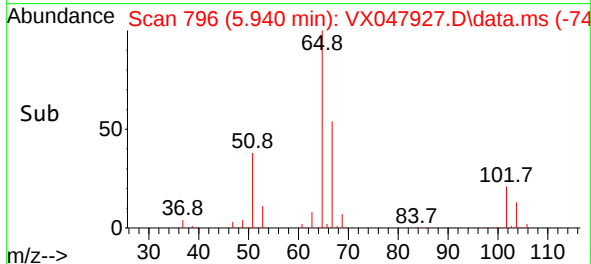
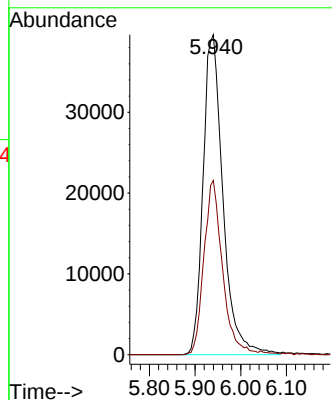
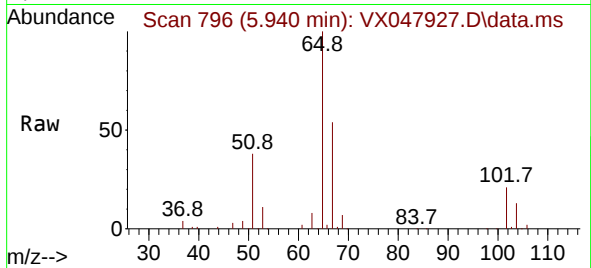




#33
 1,2-Dichloroethane-d4
 Concen: 54.162 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047927.D
 Acq: 01 Oct 2025 10:03

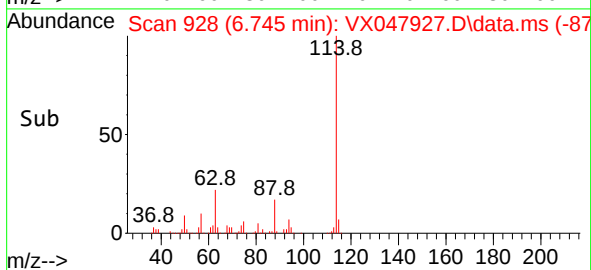
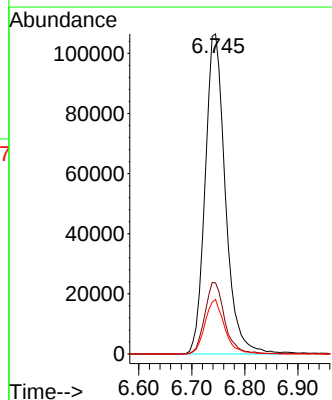
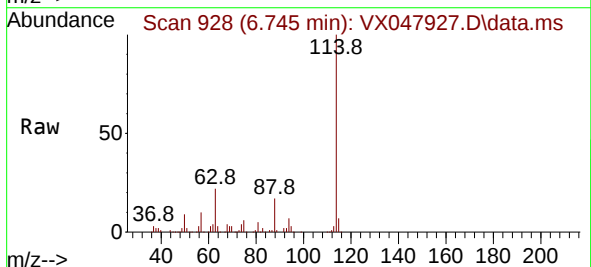
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBL01

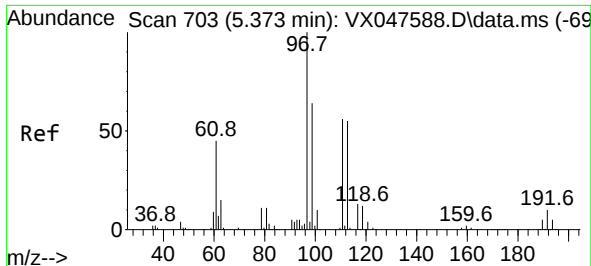
Tgt Ion: 65 Resp: 119484
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX047927.D
 Acq: 01 Oct 2025 10:03

Tgt Ion: 114 Resp: 281738
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.0
 88 17.1 0.0 34.2

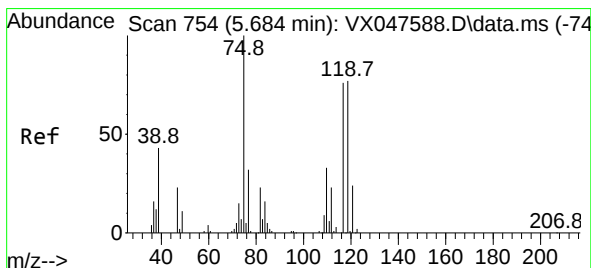
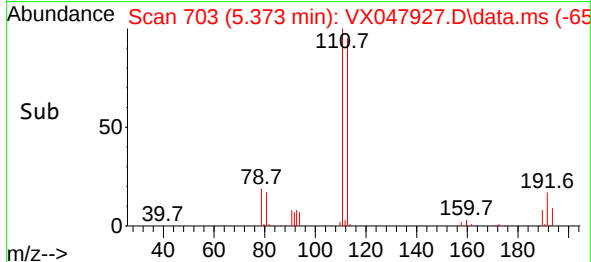
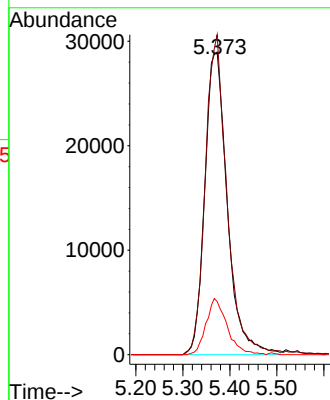
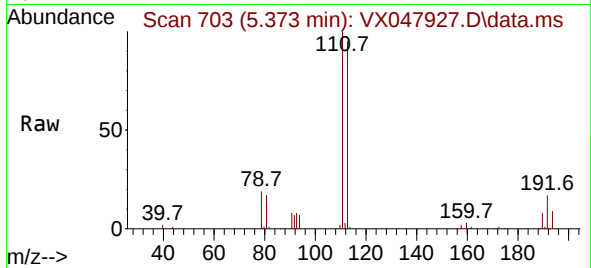




#35
Dibromofluoromethane
Concen: 51.024 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

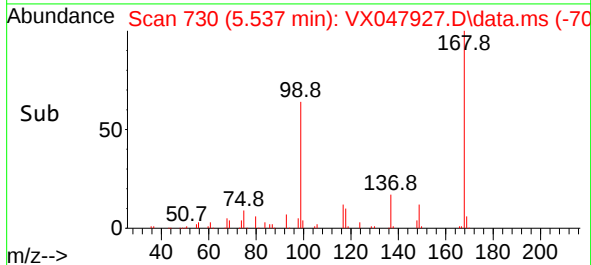
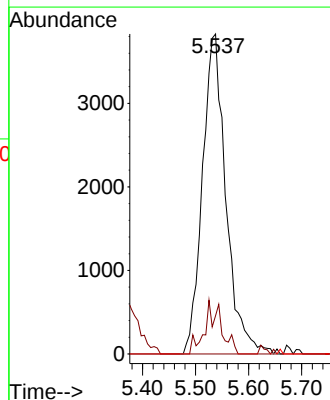
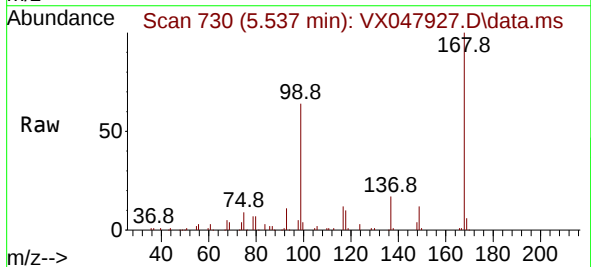
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

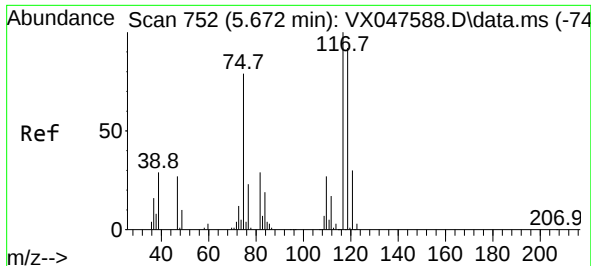
Tgt Ion:113 Resp: 96410
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.277 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion: 75 Resp: 11809
Ion Ratio Lower Upper
75 100
110 11.7 16.7 50.1#
77 0.0 24.3 36.5#

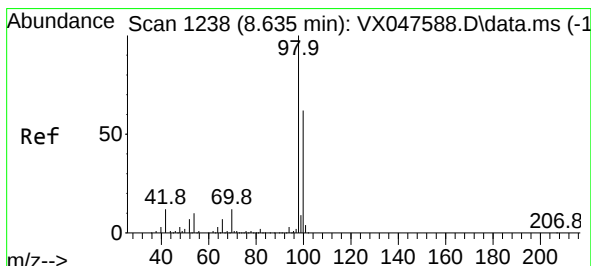
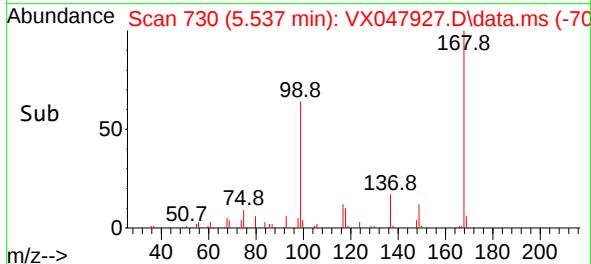
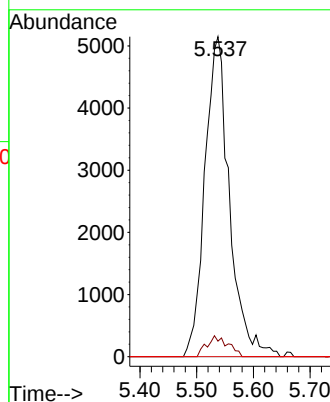
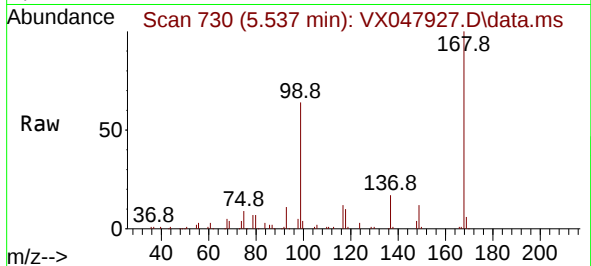




#38
Carbon Tetrachloride
Concen: 5.160 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

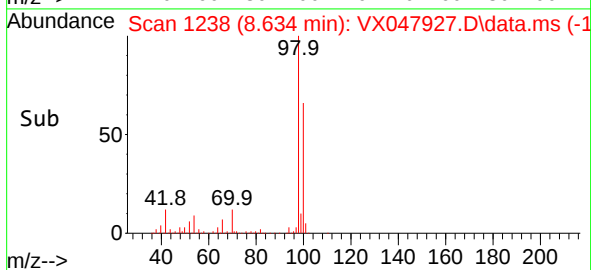
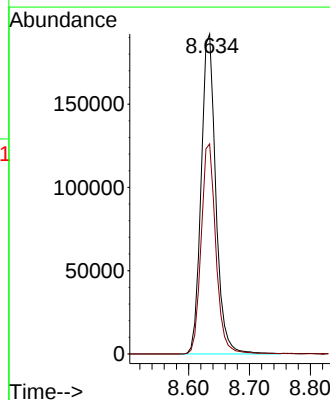
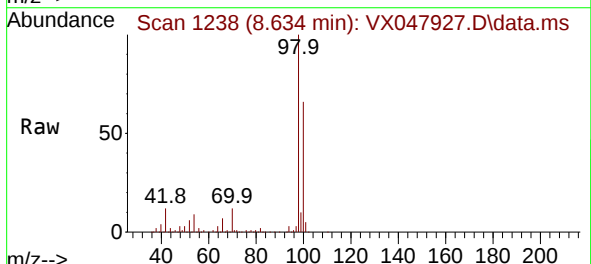
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

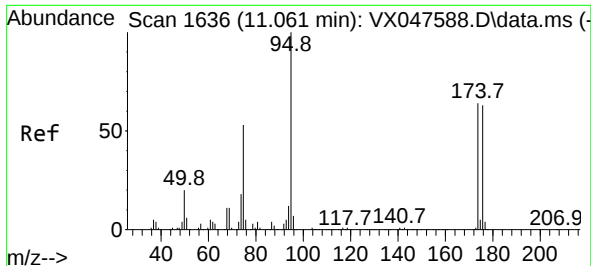
Tgt Ion:117 Resp: 15480
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.207 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion: 98 Resp: 321714
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

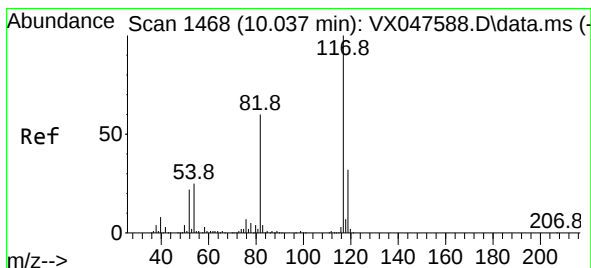
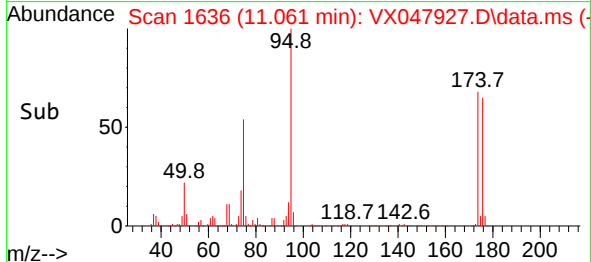
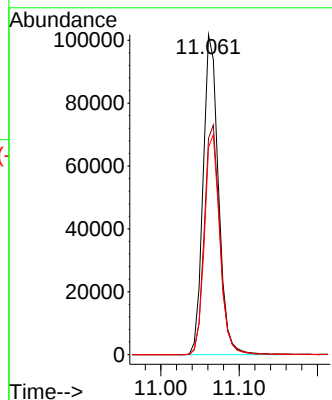
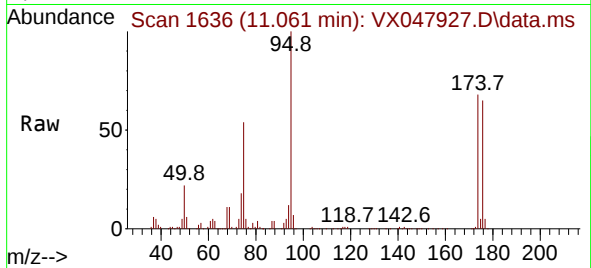




#62
4-Bromofluorobenzene
Concen: 55.811 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

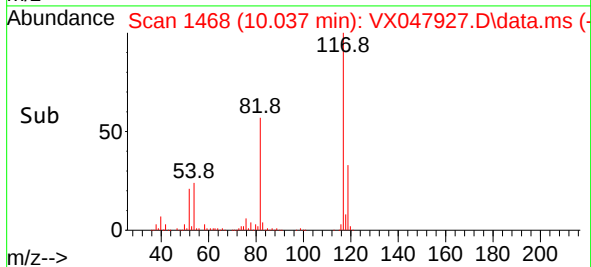
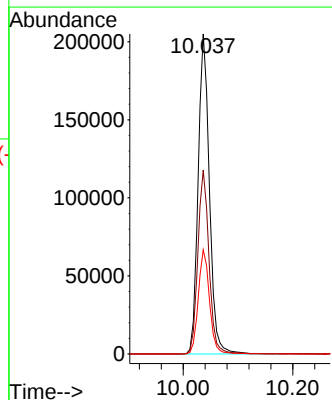
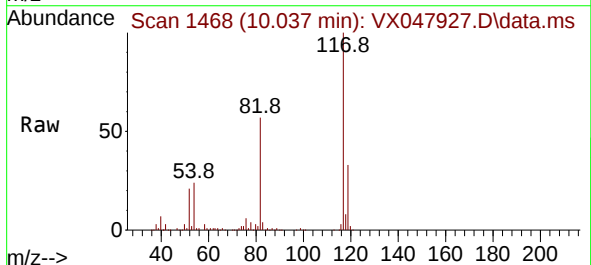
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

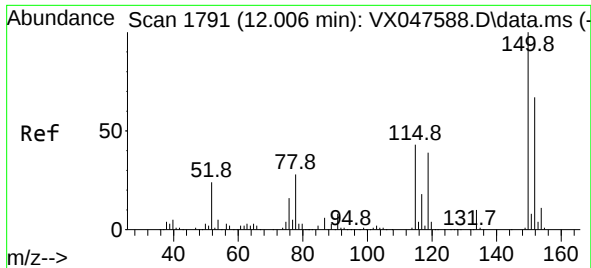
Tgt Ion: 95 Resp: 138483
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion: 117 Resp: 294028
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 32.6 25.2 37.8

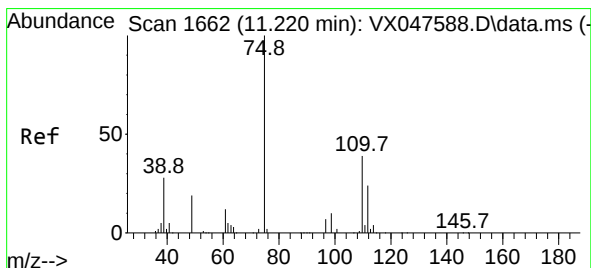
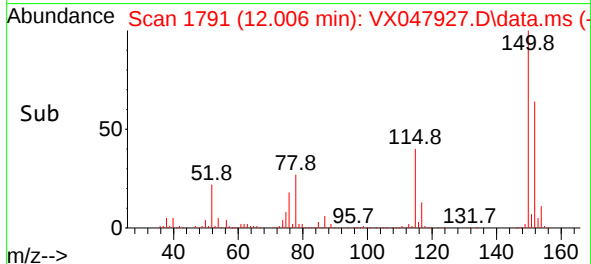
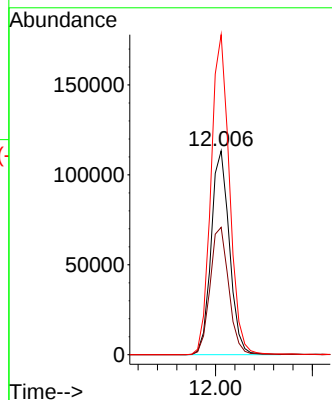
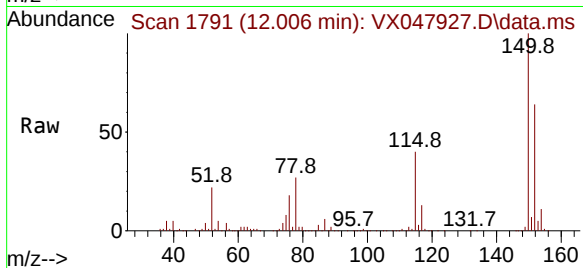




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047927.D
 Acq: 01 Oct 2025 10:03

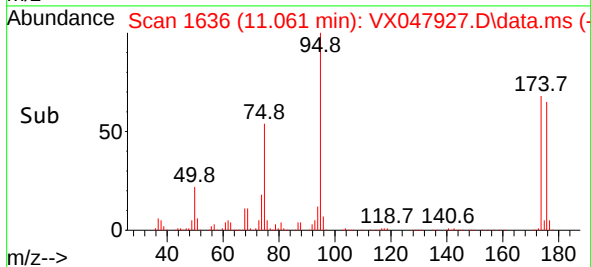
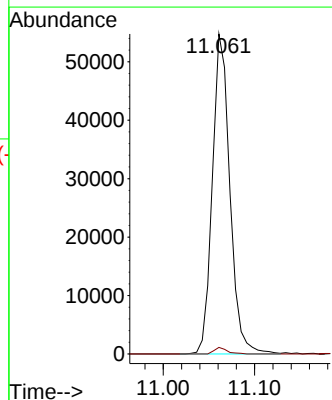
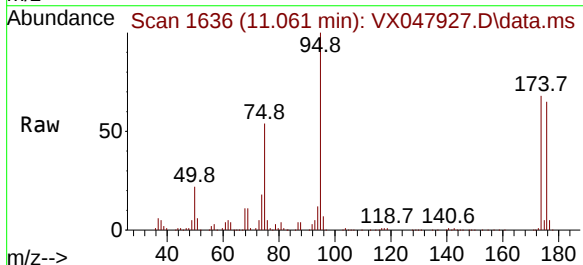
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBL01

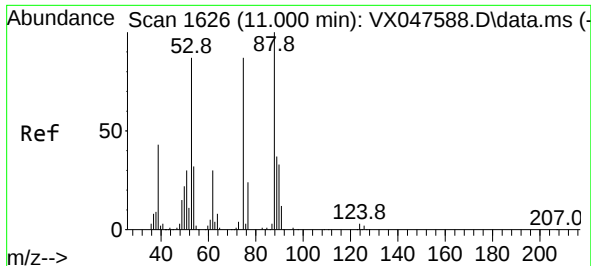
Tgt Ion:152 Resp: 149007
 Ion Ratio Lower Upper
 152 100
 115 63.9 44.9 134.5
 150 158.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.152 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047927.D
 Acq: 01 Oct 2025 10:03

Tgt Ion: 75 Resp: 72864
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.8 56.4#

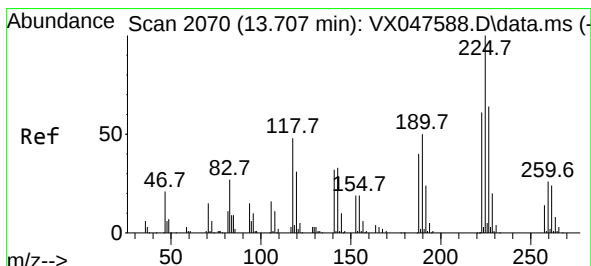
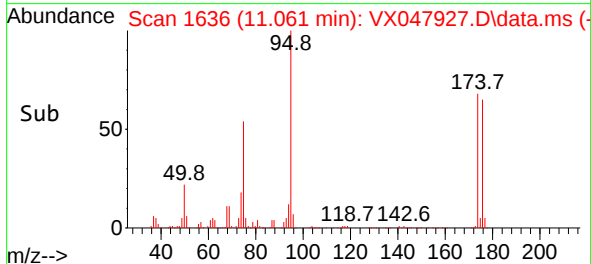
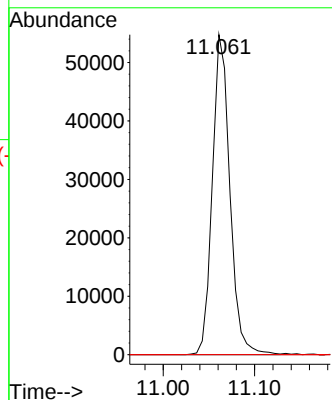
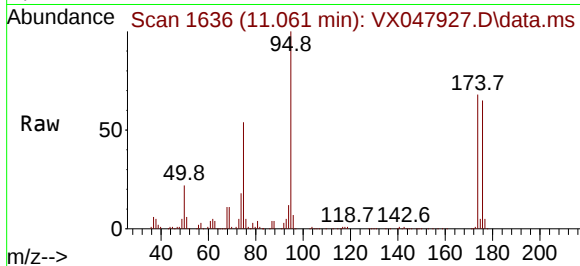




#81
trans-1,4-Dichloro-2-butene
Concen: 61.590 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBL01

Tgt Ion: 75 Resp: 72864
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.395 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047927.D
Acq: 01 Oct 2025 10:03

Tgt Ion: 225 Resp: 431
Ion Ratio Lower Upper
225 100
223 76.1 31.7 95.1
227 48.5 32.0 96.0

