

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047955.D
 Acq On : 02 Oct 2025 10:09
 Operator : JC/MD
 Sample : VX1002WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBL01

Quant Time: Oct 03 03:25:42 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)

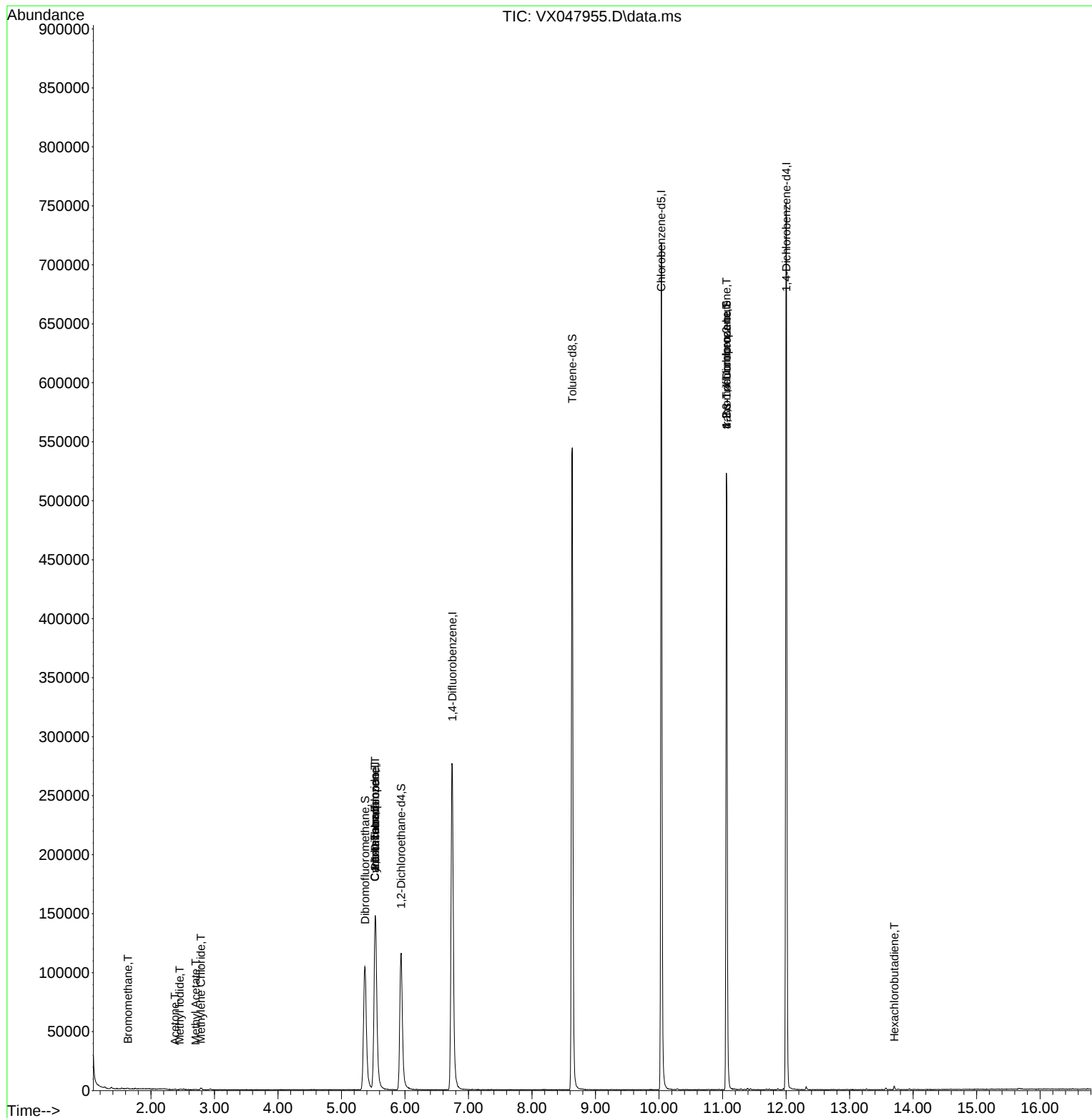
Internal Standards						
1) Pentafluorobenzene	5.531	168	148697	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	307294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	316597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127664	53.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.373	113	104262	50.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	8.634	98	347884	48.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.061	95	153557	56.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	280	0.223	ug/l #	58
10) Methyl Iodide	2.453	142	781	0.291	ug/l #	87
16) Acetone	2.379	43	340	0.330	ug/l #	45
18) Methyl Acetate	2.703	43	486	0.212	ug/l #	54
20) Methylene Chloride	2.788	84	785	0.360	ug/l #	82
31) Cyclohexane	5.525	56	3179	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.531	75	12888	4.280	ug/l #	52
38) Carbon Tetrachloride	5.525	117	16307	4.984	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	80760	24.899	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	80760	63.497	ug/l #	8
94) Hexachlorobutadiene	13.707	225	466	0.398	ug/l	92

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

Quant Time: Oct 03 03:25:42 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

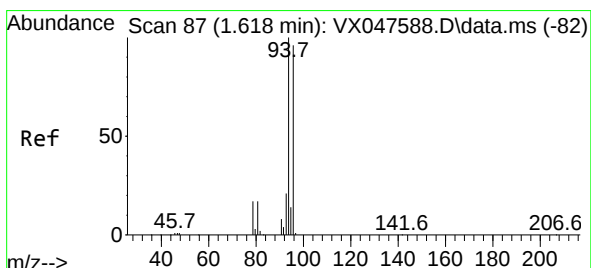
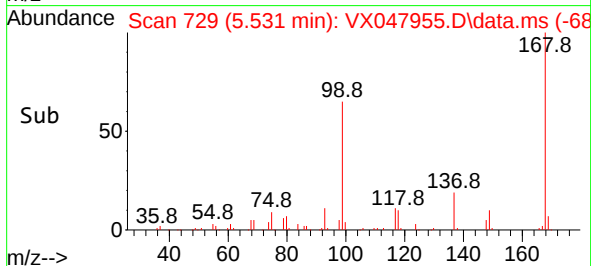
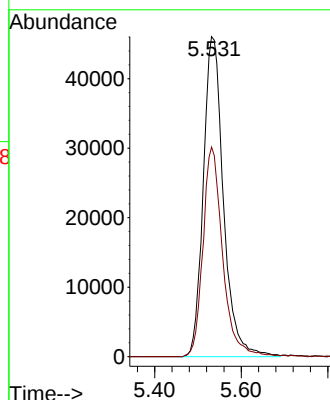
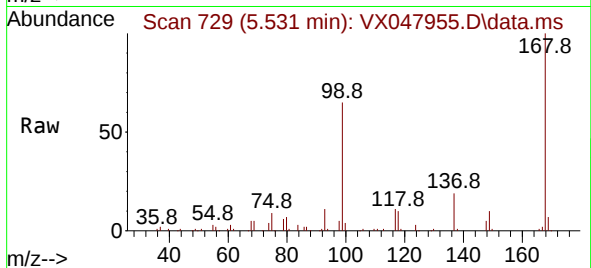




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

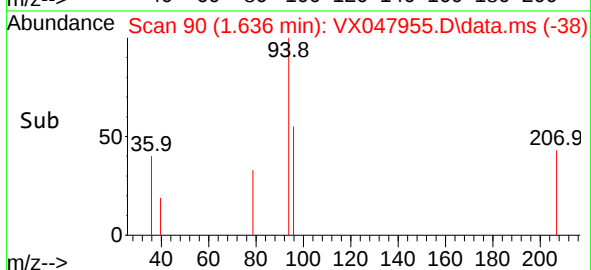
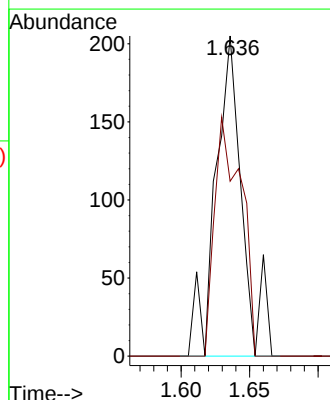
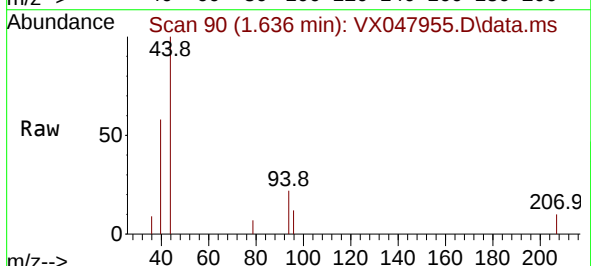
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

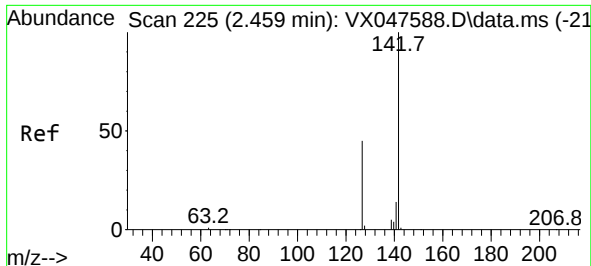
Tgt Ion:168 Resp: 148697
Ion Ratio Lower Upper
168 100
99 65.5 48.8 73.2



#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 94 Resp: 280
Ion Ratio Lower Upper
94 100
96 54.6 76.6 115.0#

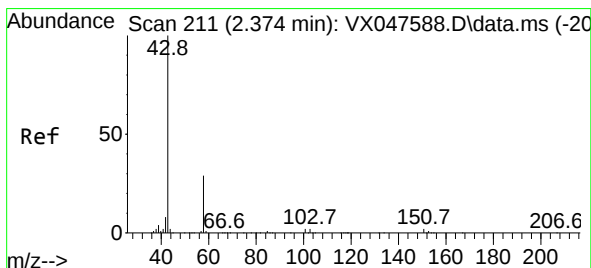
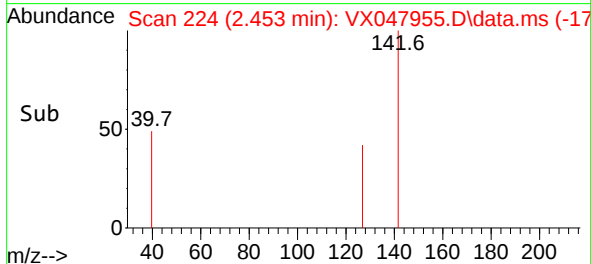
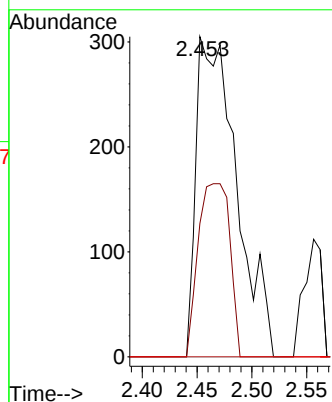
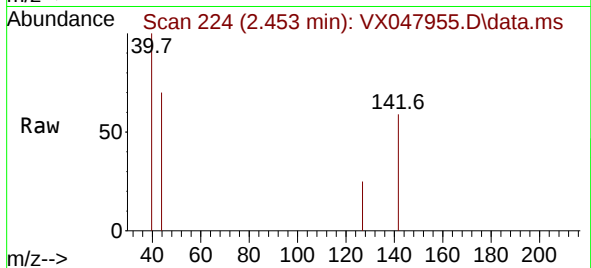




#10
Methyl Iodide
Concen: 0.291 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

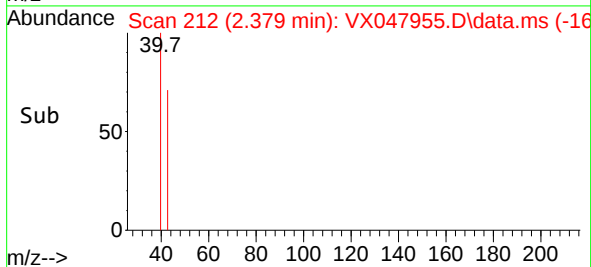
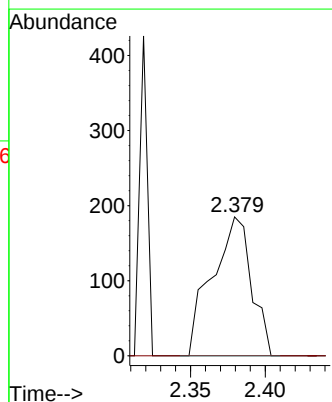
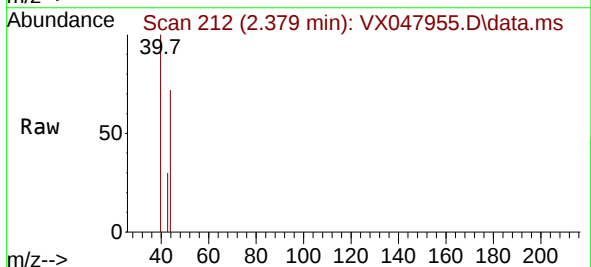
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

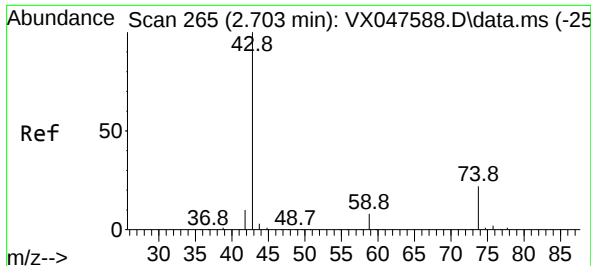
Tgt Ion:142 Resp: 781
Ion Ratio Lower Upper
142 100
127 42.3 37.2 55.8
141 0.0 11.4 17.0#



#16
Acetone
Concen: 0.330 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#

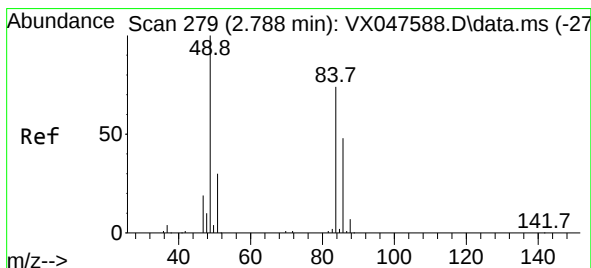
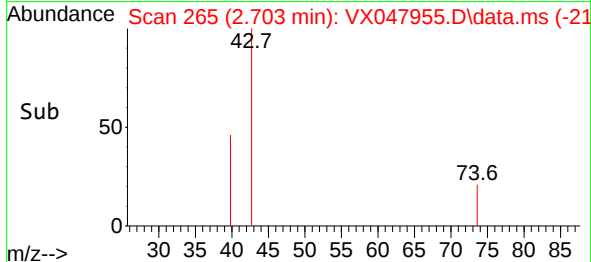
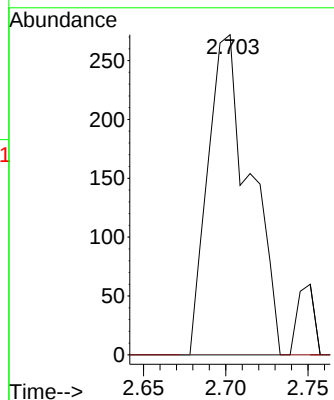
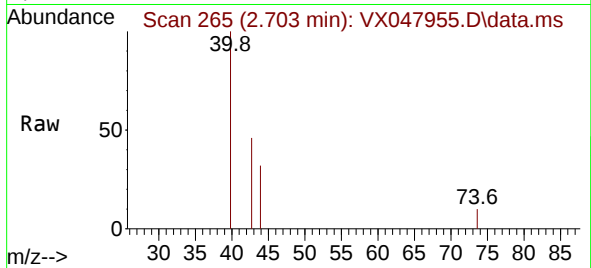




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

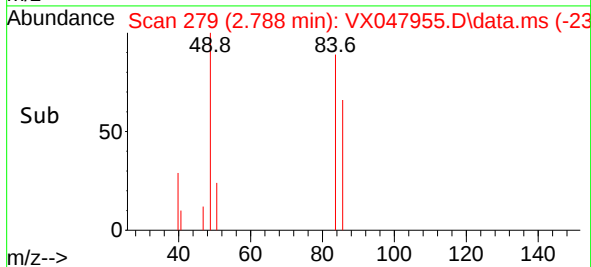
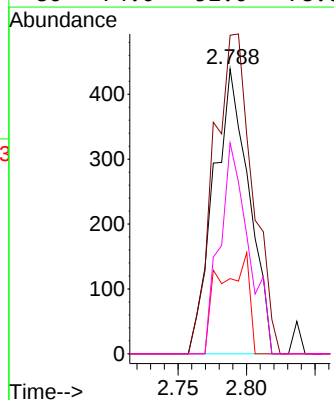
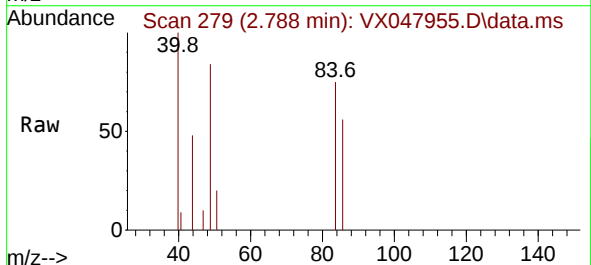
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

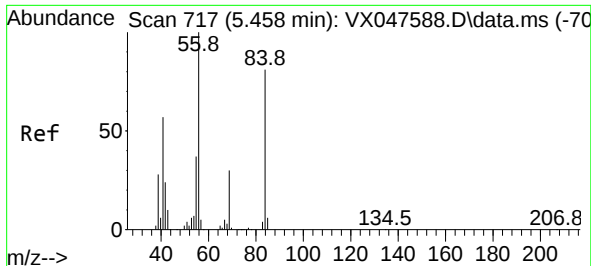
Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 84 Resp: 785
Ion Ratio Lower Upper
84 100
49 111.8 108.6 162.8
51 26.4 32.6 48.8#
86 74.0 52.0 78.0

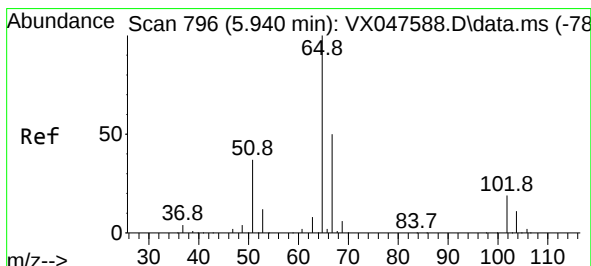
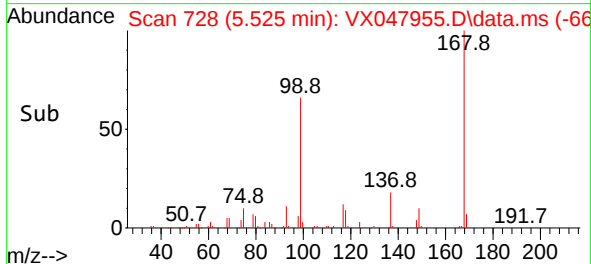
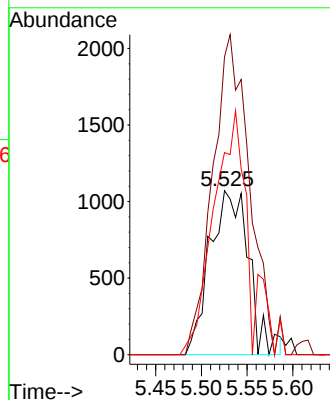
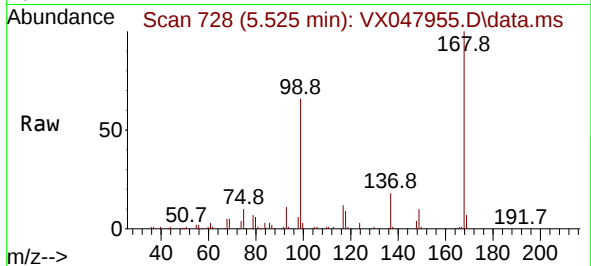




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.525 min Scan# 717
Delta R.T. 0.067 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

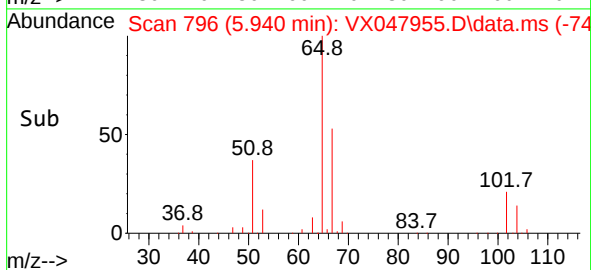
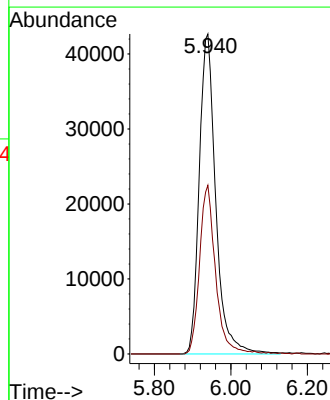
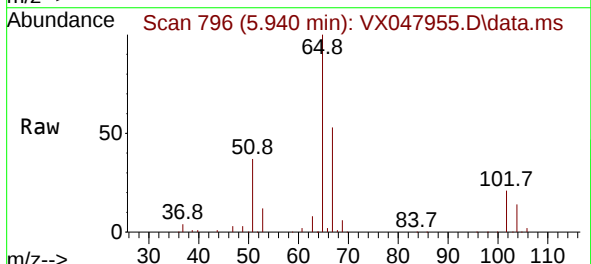
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

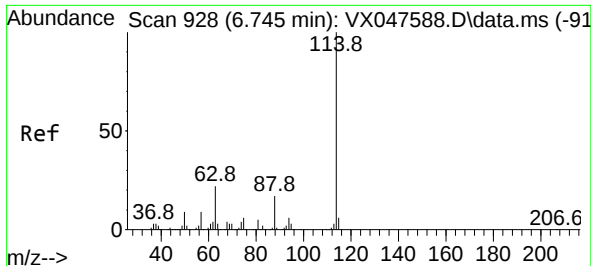
Tgt Ion: 56 Resp: 3179
Ion Ratio Lower Upper
56 100
69 181.7 23.8 35.8#
84 123.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.938 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 65 Resp: 127664
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

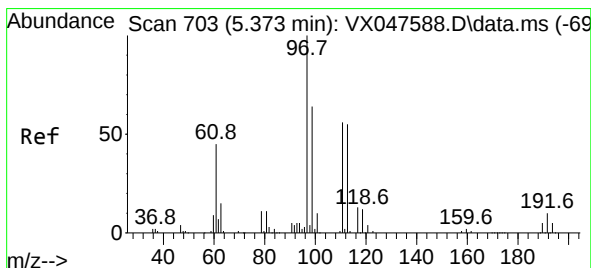
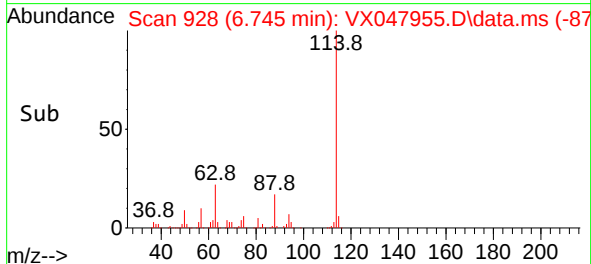
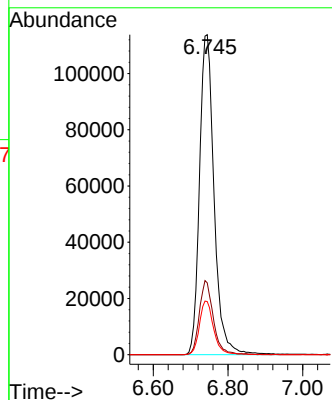
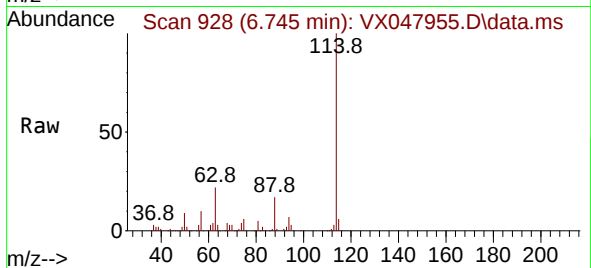




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

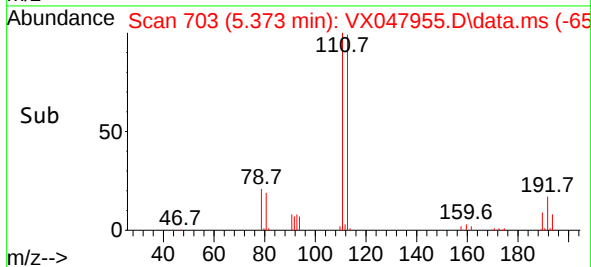
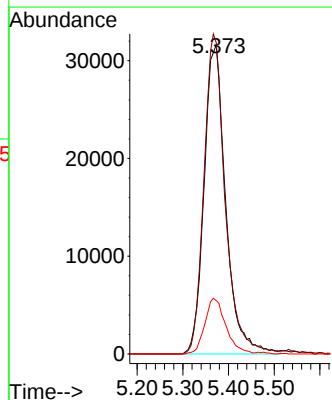
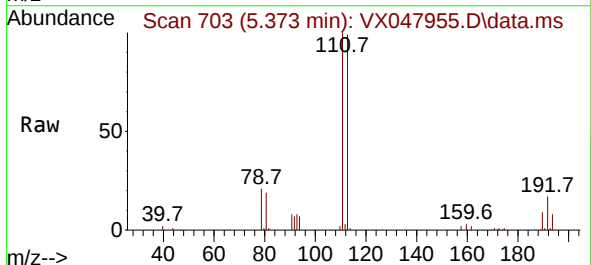
Instrument :
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ClientSampleId :
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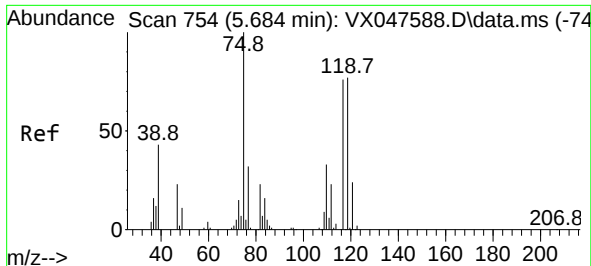
Tgt Ion:114 Resp: 307294
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.591 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion:113 Resp: 104262
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 17.4 14.2 21.4

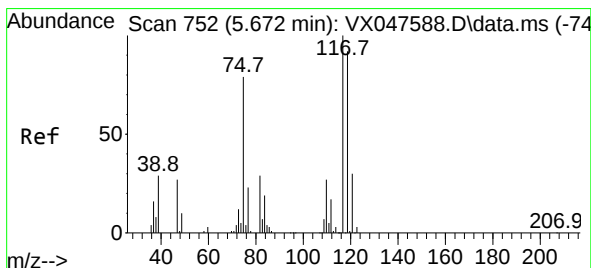
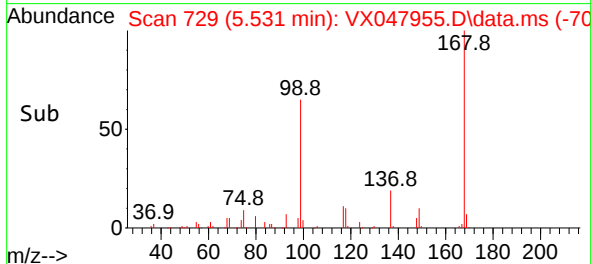
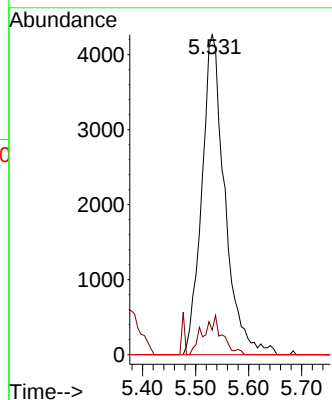
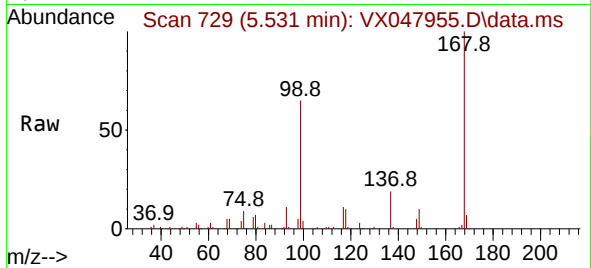




#36
1,1-Dichloropropene
Concen: 4.280 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

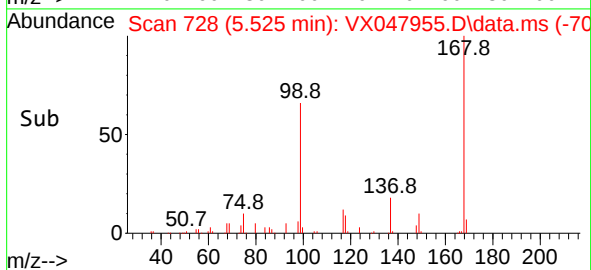
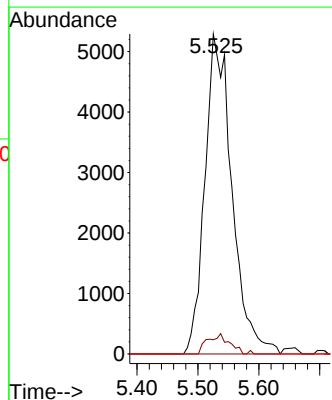
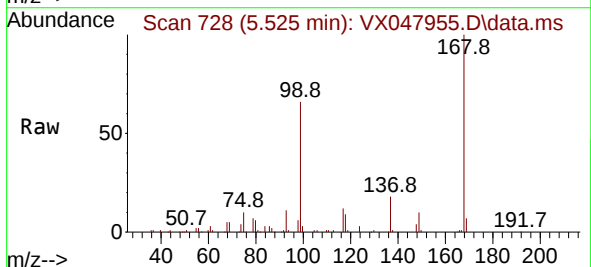
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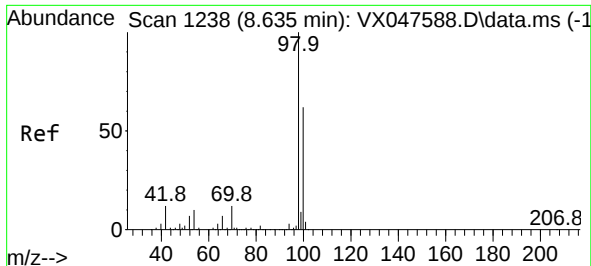
Tgt Ion: 75 Resp: 12888
Ion Ratio Lower Upper
75 100
110 9.9 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.984 ug/l
RT: 5.525 min Scan# 728
Delta R.T. -0.147 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 117 Resp: 16307
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.2#
121 0.0 23.8 35.6#

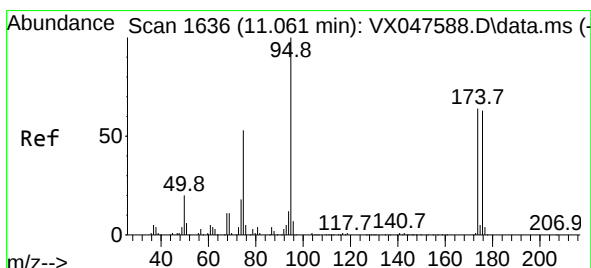
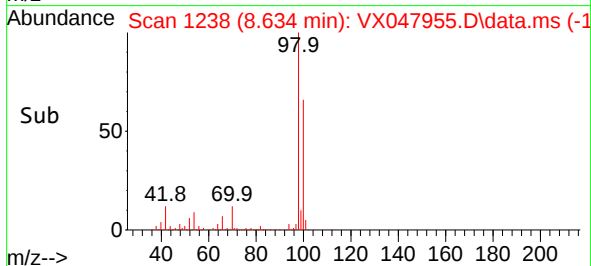
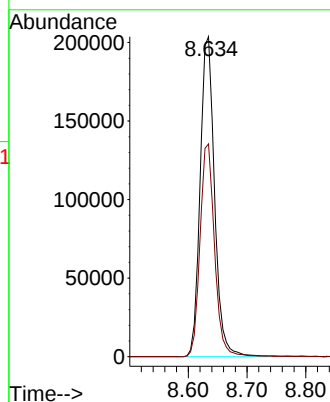
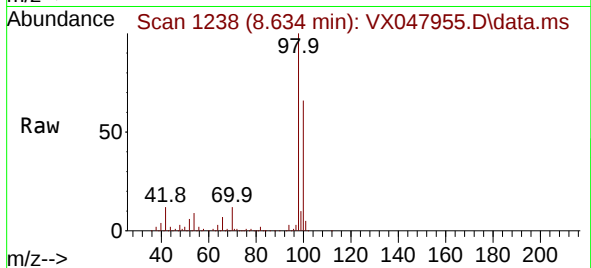




#50
Toluene-d8
Concen: 48.784 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

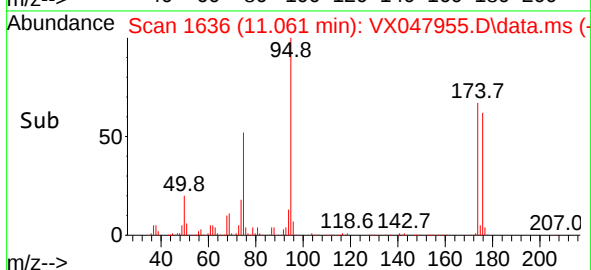
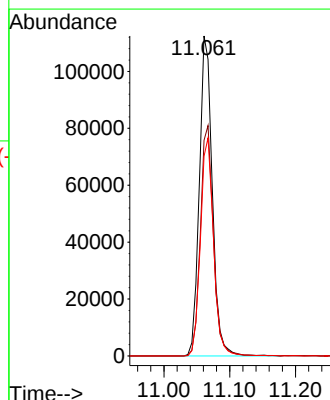
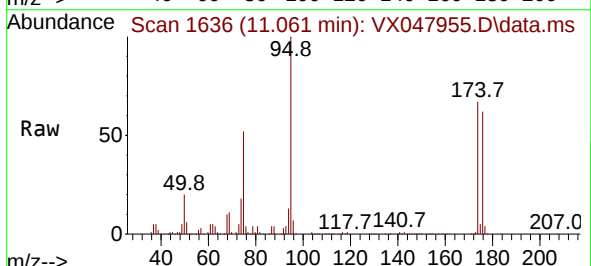
Instrument :
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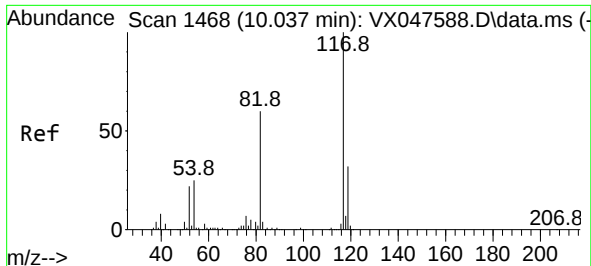
Tgt Ion: 98 Resp: 347884
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.739 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion: 95 Resp: 153557
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.1 0.0 138.4

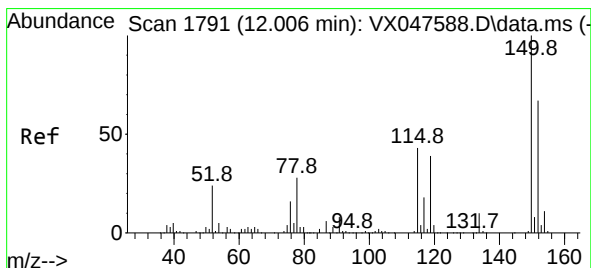
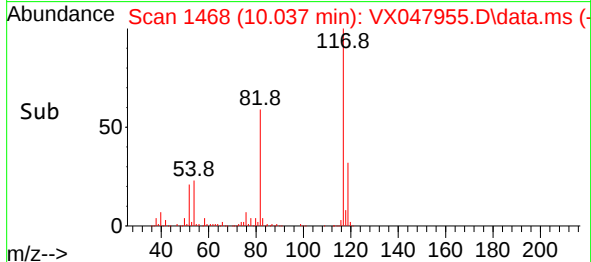
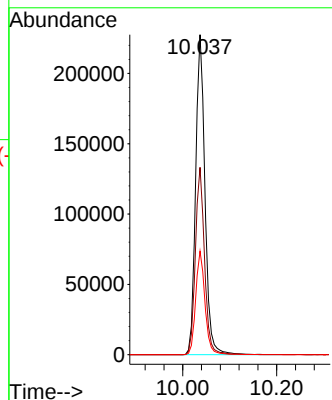
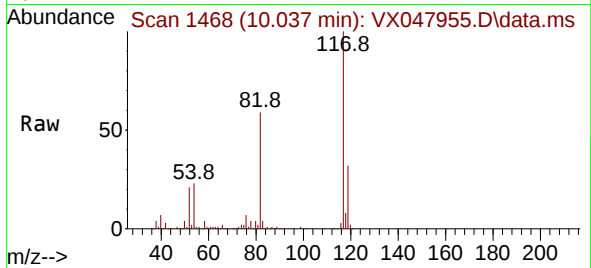




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

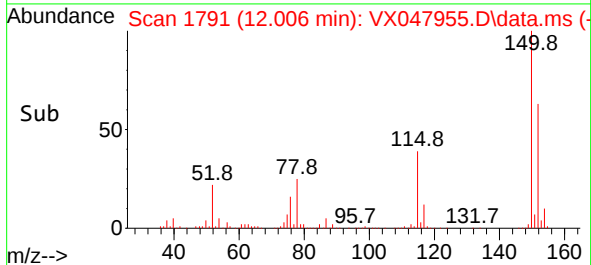
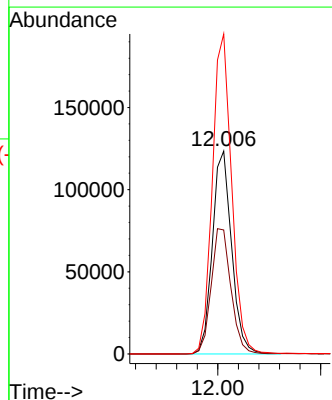
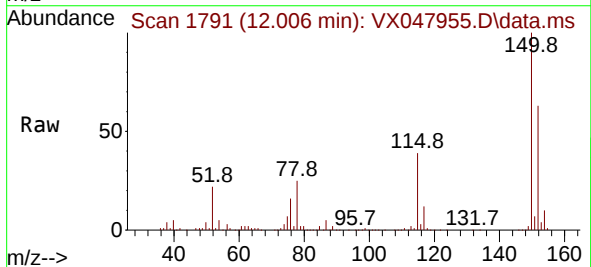
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

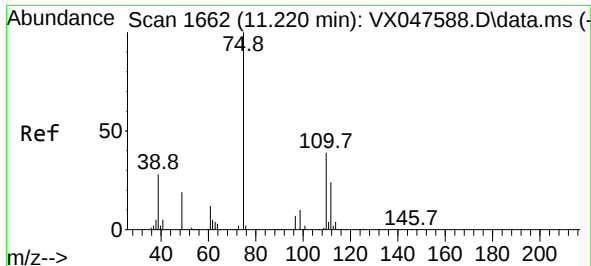
Tgt Ion:117 Resp: 316597
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

Tgt Ion:152 Resp: 160196
Ion Ratio Lower Upper
152 100
115 63.4 44.9 134.5
150 158.4 0.0 352.0

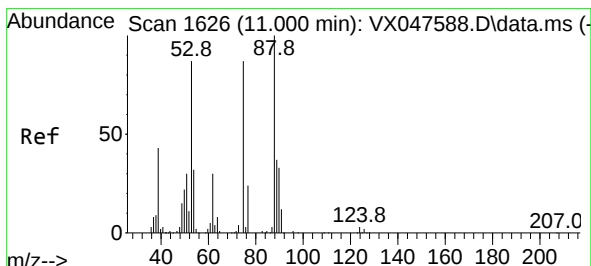
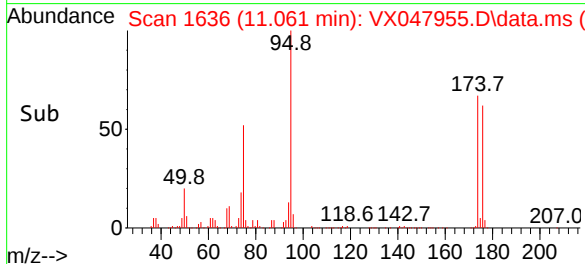
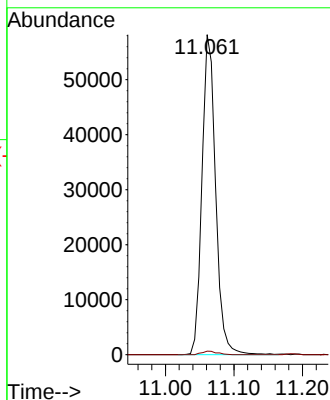
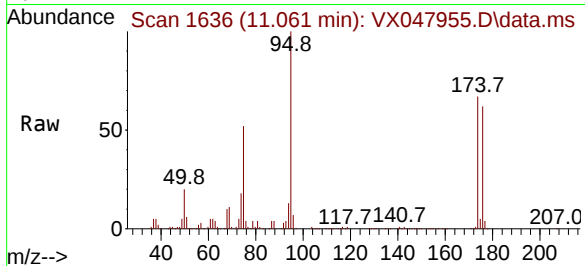




#76
1,2,3-Trichloropropane
Concen: 24.899 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

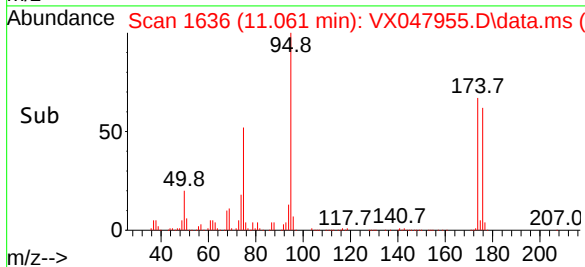
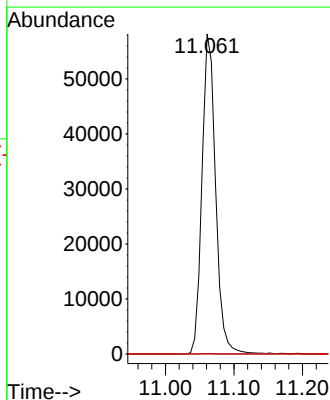
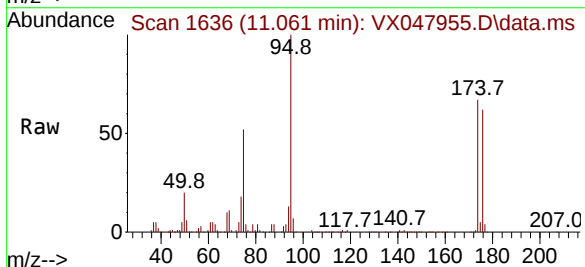
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBL01

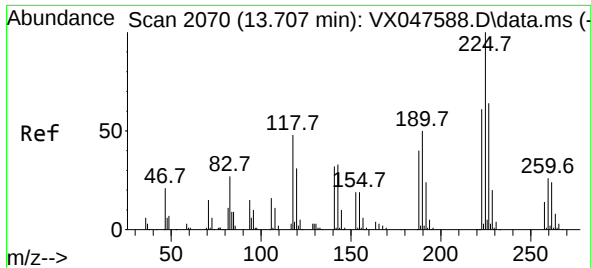
Tgt Ion: 75 Resp: 80760
Ion Ratio Lower Upper
75 100
77 1.2 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.497 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047955.D
Acq: 02 Oct 2025 10:09

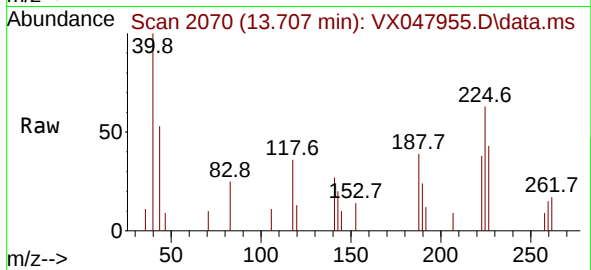
Tgt Ion: 75 Resp: 80760
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#





#94
 Hexachlorobutadiene
 Concen: 0.398 ug/l
 RT: 13.707 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX047955.D
 Acq: 02 Oct 2025 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBL01



Tgt Ion:	225	Resp:	466
Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.7	95.1
227	54.3	32.0	96.0

