

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047840.D
 Acq On : 26 Sep 2025 07:22
 Operator : JC/MD
 Sample : Q3128-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250916

Quant Time: Sep 26 08:29:42 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)

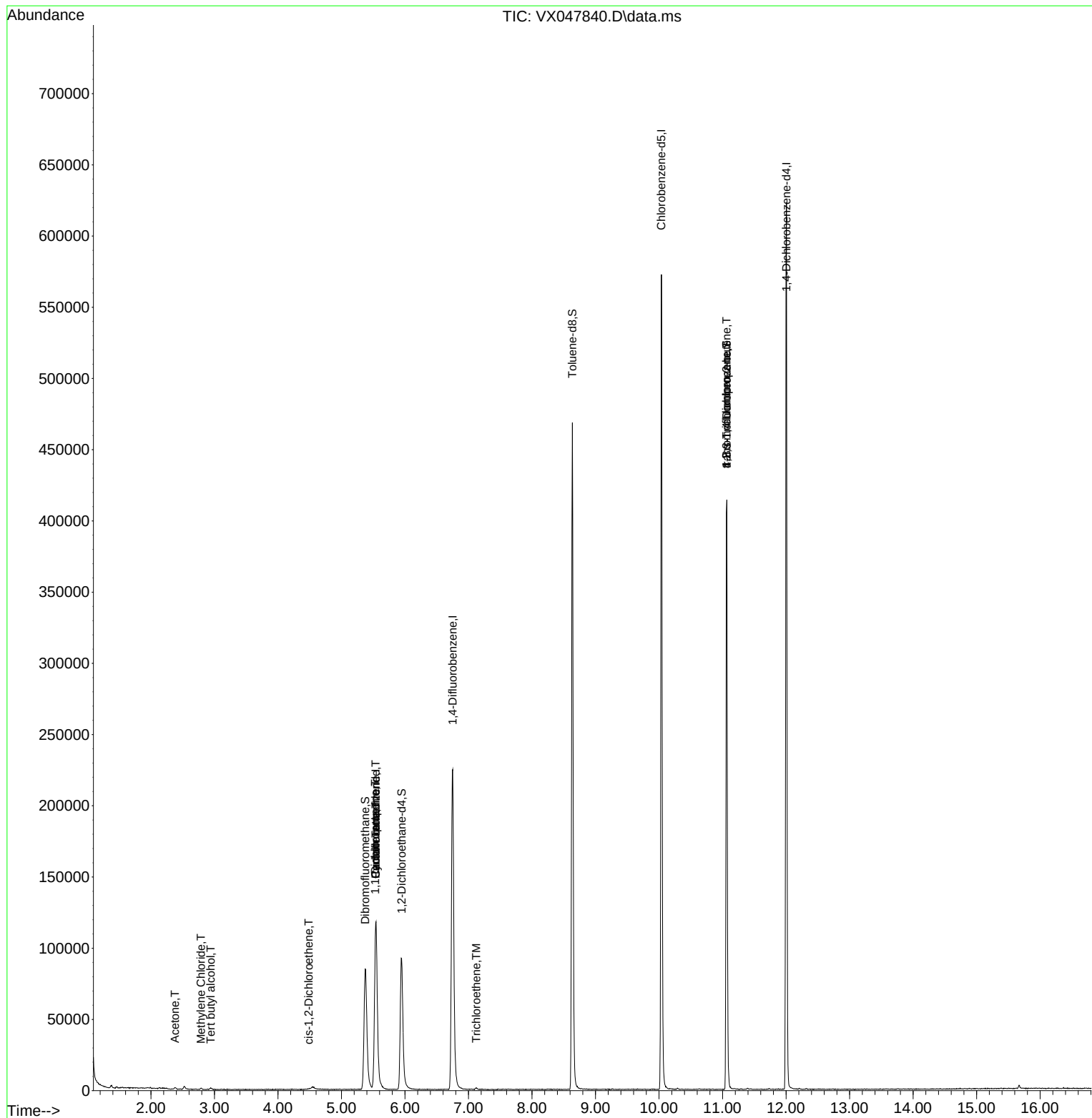
Internal Standards						
1) Pentafluorobenzene	5.538	168	118685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102946	54.493	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.980%			
35) Dibromofluoromethane	5.373	113	84425	50.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.635	98	287625	49.440	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.061	95	122039	55.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.540%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	383	1.820	ug/l #	72
16) Acetone	2.380	43	1615	1.966	ug/l #	87
20) Methylene Chloride	2.788	84	465	0.267	ug/l #	85
27) cis-1,2-Dichloroethene	4.483	96	501	0.269	ug/l	43
31) Cyclohexane	5.538	56	2340	0.937	ug/l #	29
36) 1,1-Dichloropropene	5.532	75	10404	4.235	ug/l #	50
38) Carbon Tetrachloride	5.538	117	12913	4.838	ug/l #	20
44) Trichloroethene	7.123	130	530	0.294	ug/l	60
76) 1,2,3-Trichloropropane	11.061	75	62711	23.260	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	62711	59.317	ug/l #	8

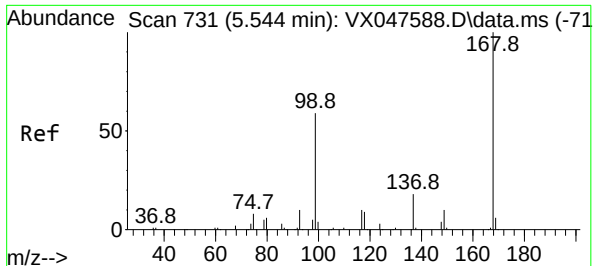
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
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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

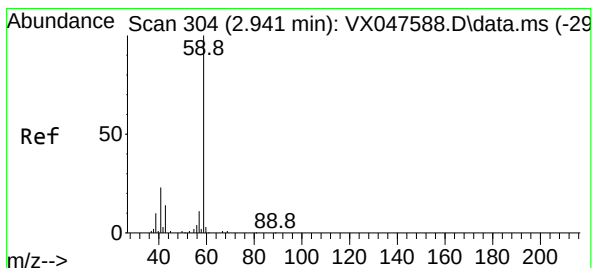
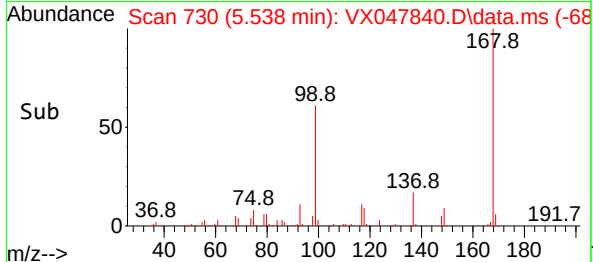
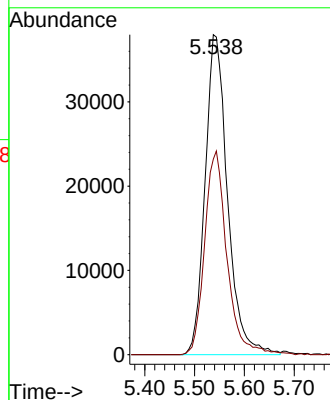
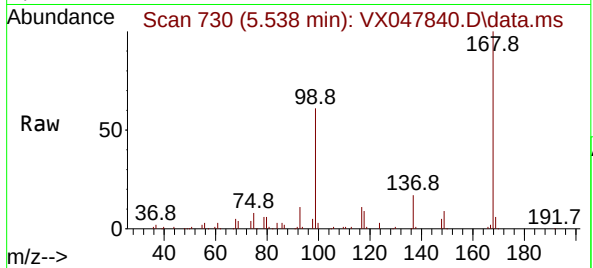




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

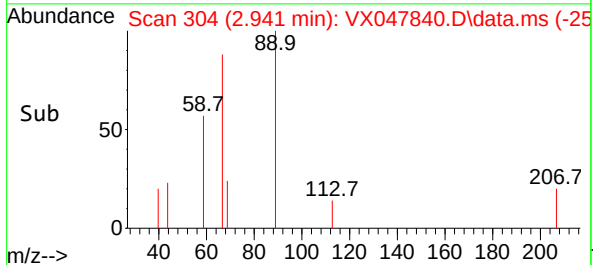
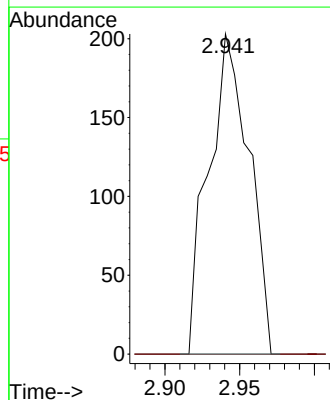
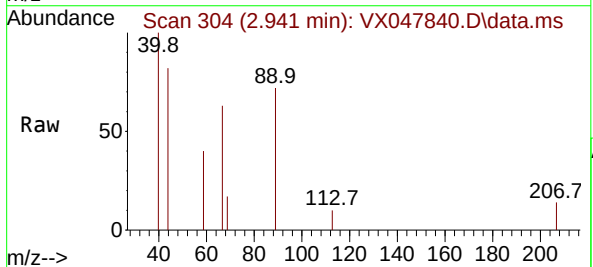
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

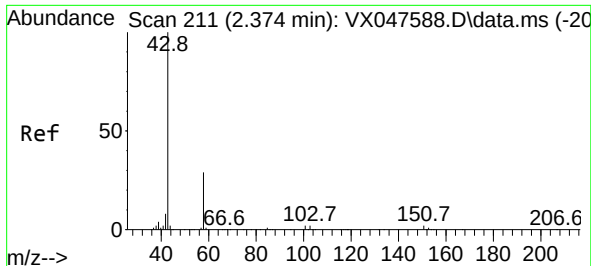
Tgt Ion:168 Resp: 118685
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.820 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

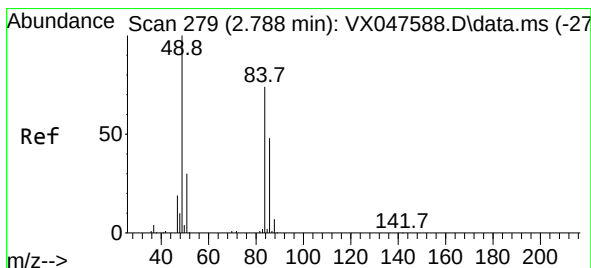
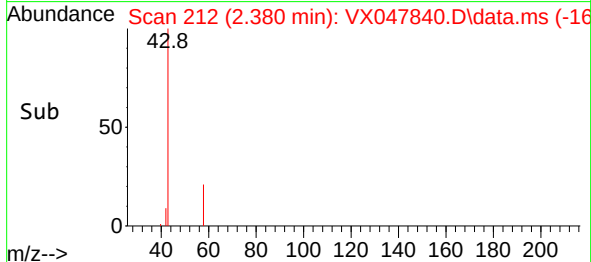
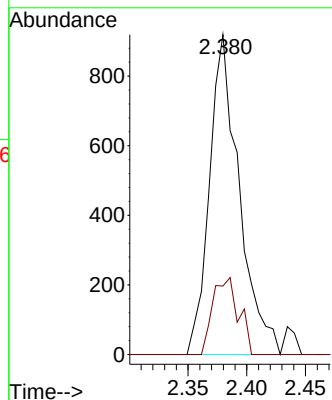
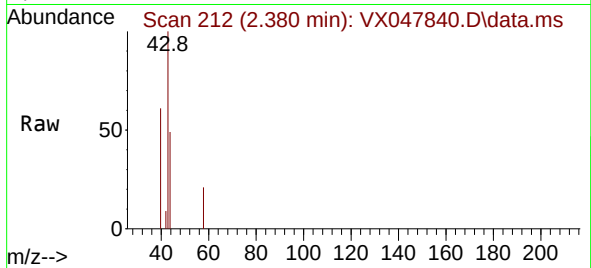




#16
Acetone
Concen: 1.966 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

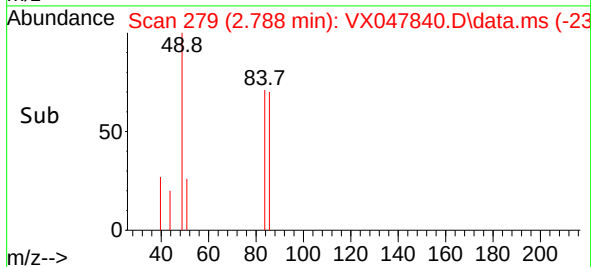
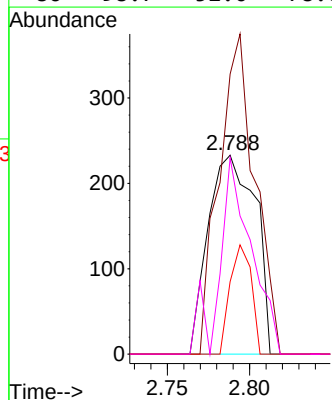
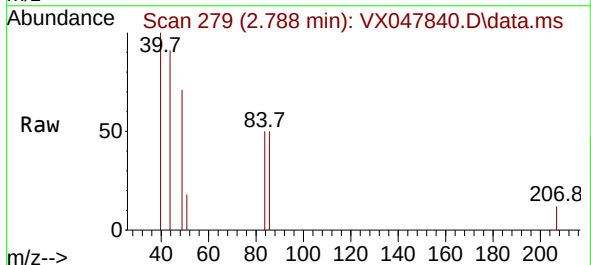
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

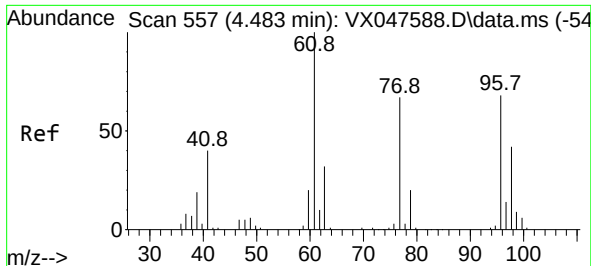
Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
58 22.2 23.4 35.0#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 84 Resp: 465
Ion Ratio Lower Upper
84 100
49 140.8 108.6 162.8
51 36.5 32.6 48.8
86 98.7 52.0 78.0#

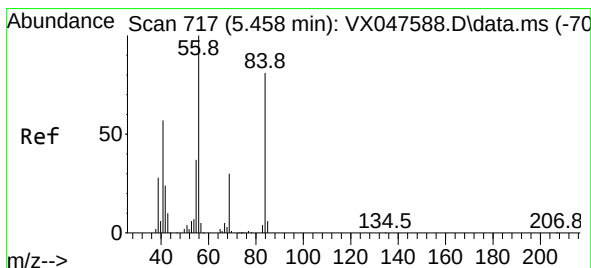
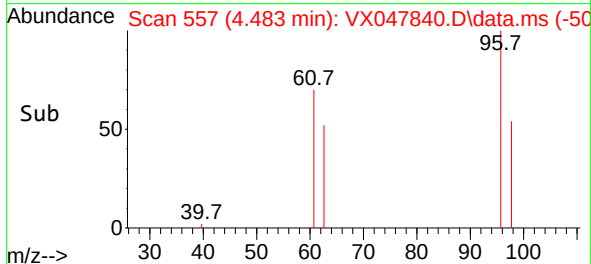
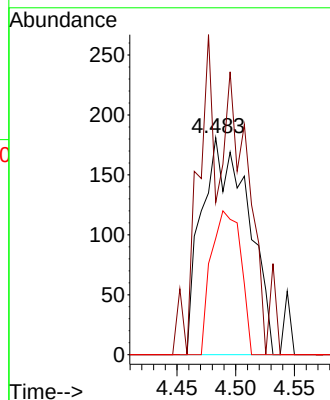
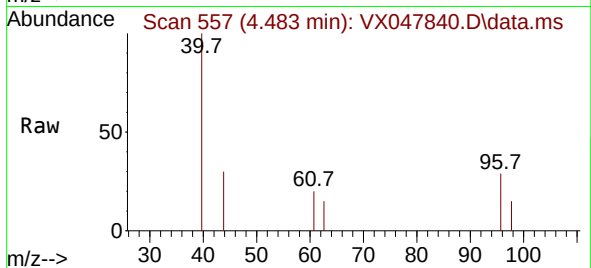




#27
 cis-1,2-Dichloroethene
 Concen: 0.269 ug/l
 RT: 4.483 min Scan# 501
 Delta R.T. -0.000 min
 Lab File: VX047840.D
 Acq: 26 Sep 2025 07:22

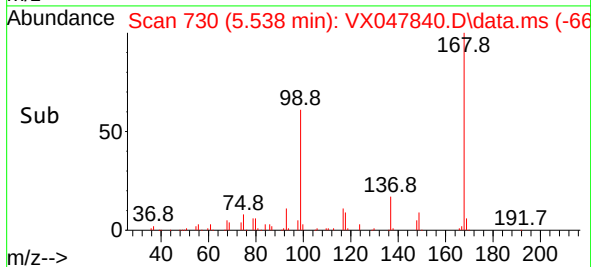
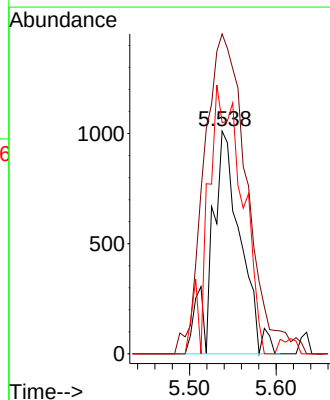
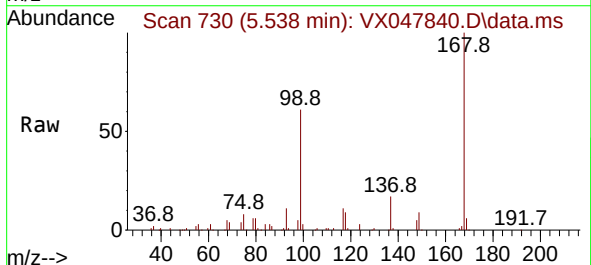
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-9-20250916

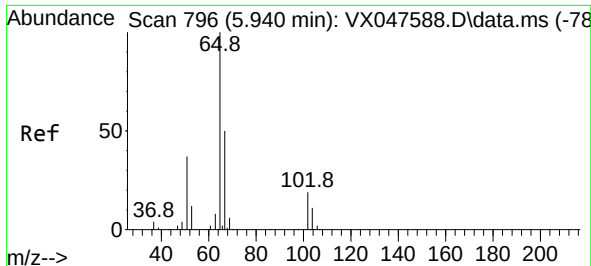
Tgt Ion:	96	Resp:	501
Ion	Ratio	Lower	Upper
96	100		
61	63.9	0.0	303.2
98	41.9	0.0	127.8



#31
 Cyclohexane
 Concen: 0.937 ug/l
 RT: 5.538 min Scan# 730
 Delta R.T. 0.079 min
 Lab File: VX047840.D
 Acq: 26 Sep 2025 07:22

Tgt Ion:	56	Resp:	2340
Ion	Ratio	Lower	Upper
56	100		
69	134.2	23.8	35.8#
84	103.8	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 54.493 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047840.D

Acq: 26 Sep 2025 07:22

Instrument :

MSVOA_X

ClientSampleId :

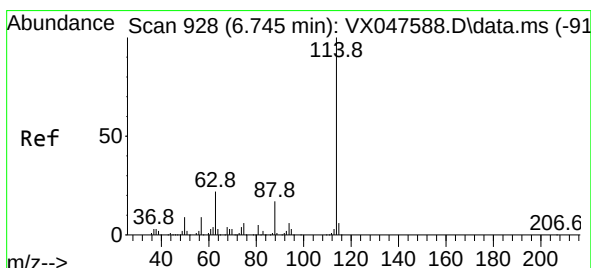
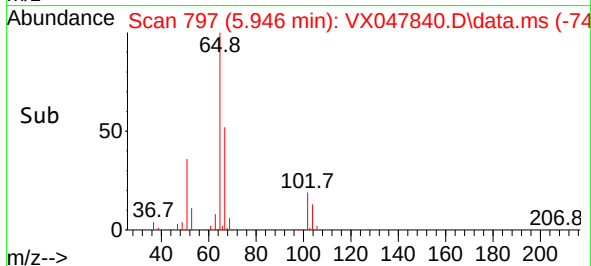
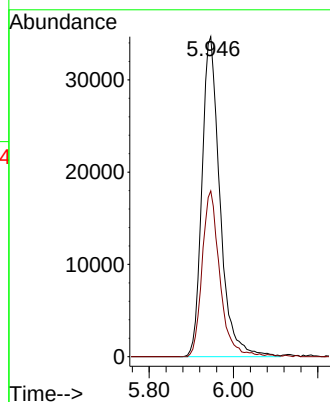
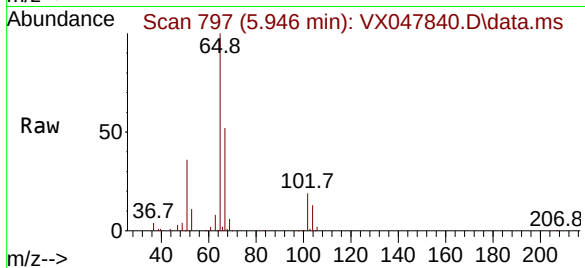
BPOW6-9-20250916

Tgt Ion: 65 Resp: 102946

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047840.D

Acq: 26 Sep 2025 07:22

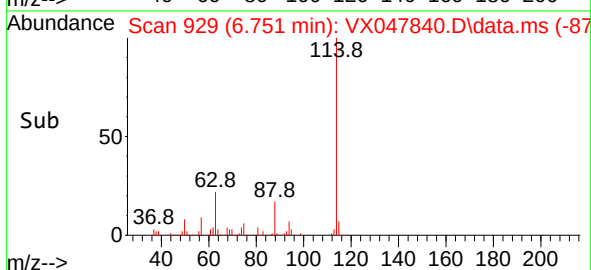
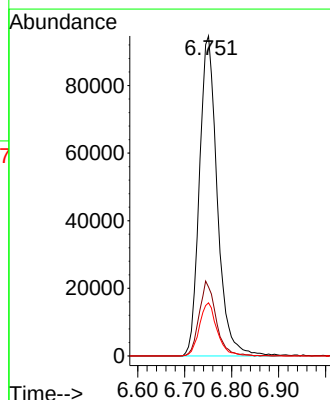
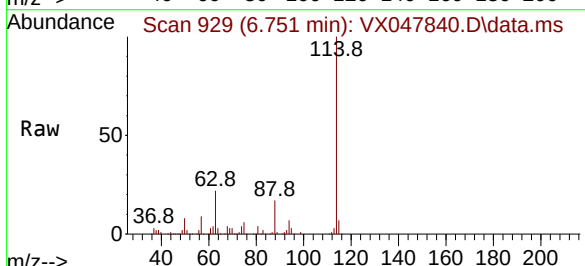
Tgt Ion: 114 Resp: 250694

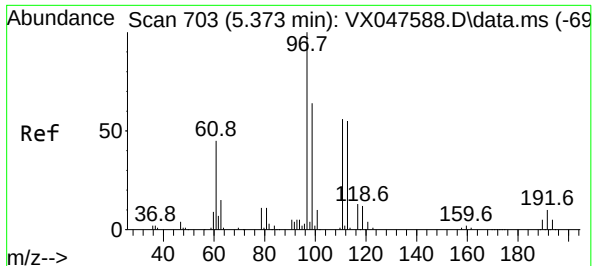
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.6 0.0 34.2

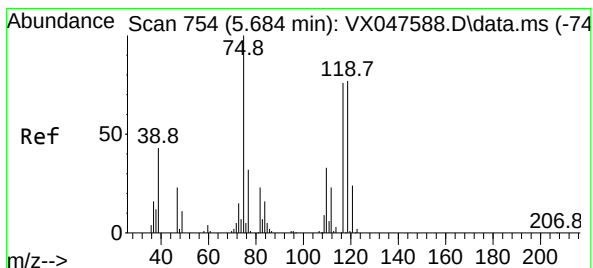
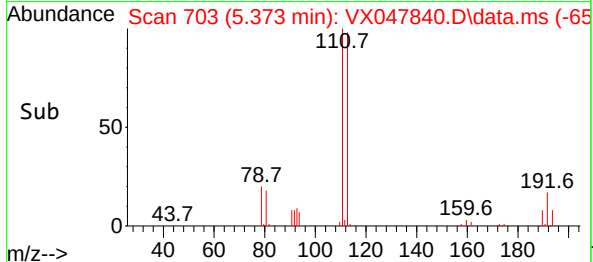
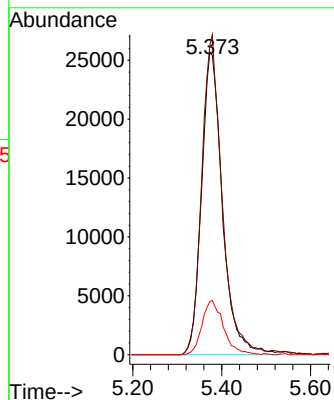
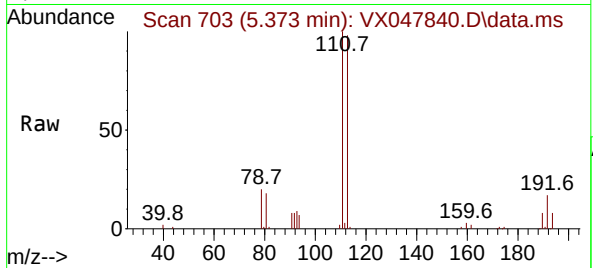




#35
Dibromofluoromethane
Concen: 50.214 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

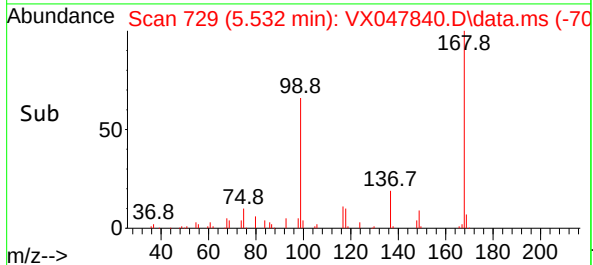
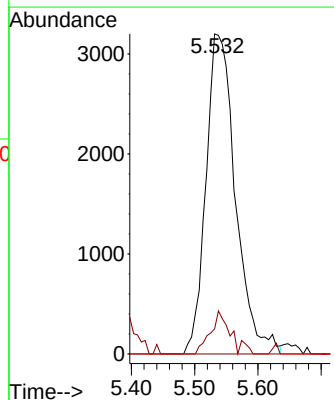
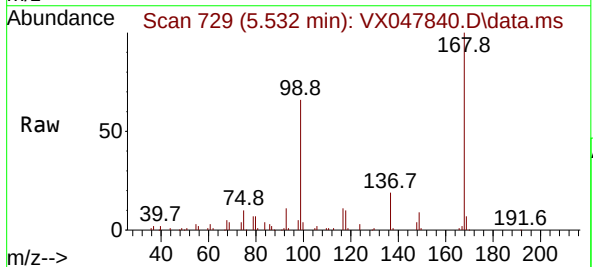
Instrument :
MSVOA_X
ClientSampleId :
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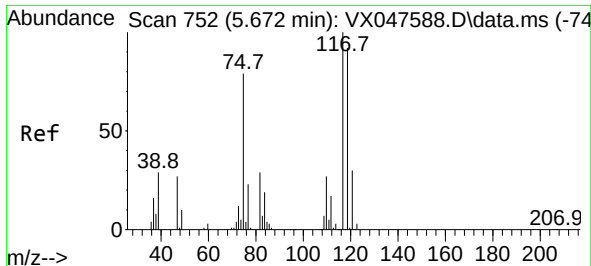
Tgt Ion:113 Resp: 84425
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 5.532 min Scan# 729
Delta R.T. -0.152 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

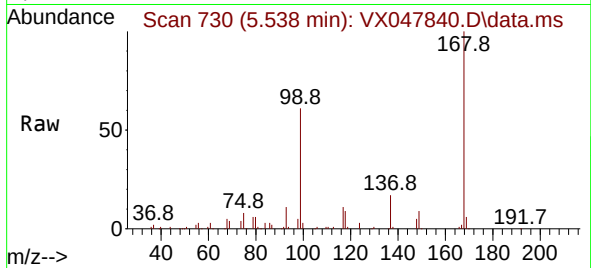
Tgt Ion: 75 Resp: 10404
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.1#
77 0.0 24.3 36.5#



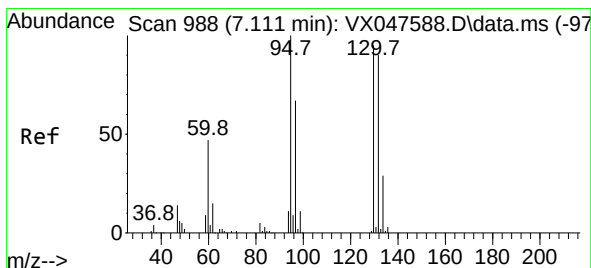
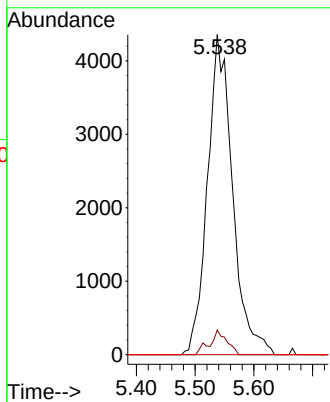
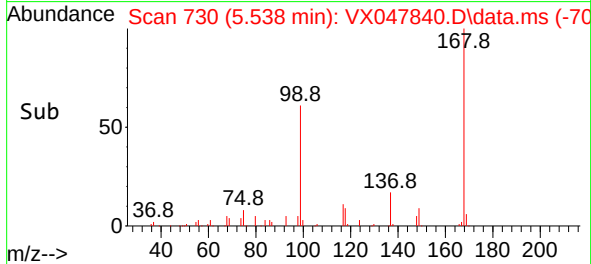


#38
Carbon Tetrachloride
Concen: 4.838 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

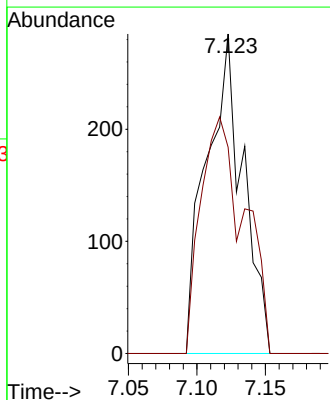
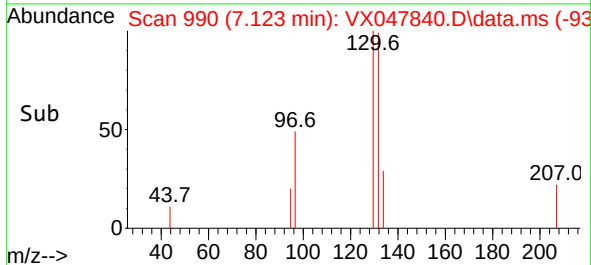
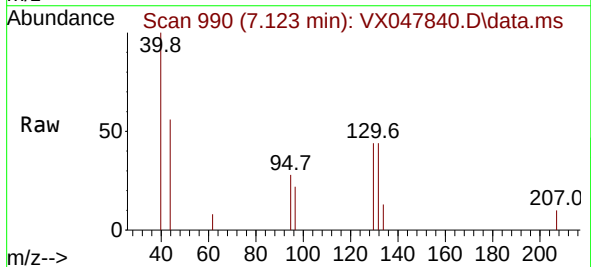


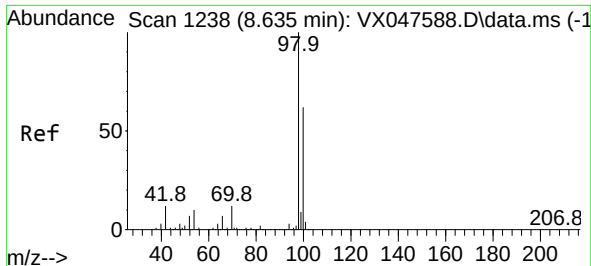
Tgt Ion:117 Resp: 12913
Ion Ratio Lower Upper
117 100
119 7.7 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.294 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion:130 Resp: 530
Ion Ratio Lower Upper
130 100
95 64.6 0.0 210.8

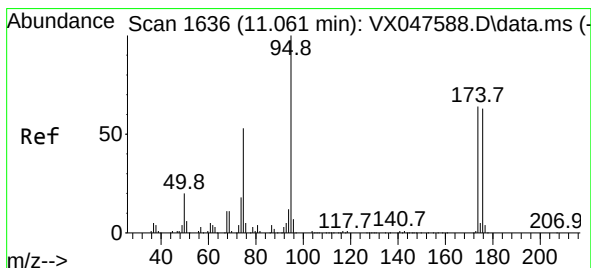
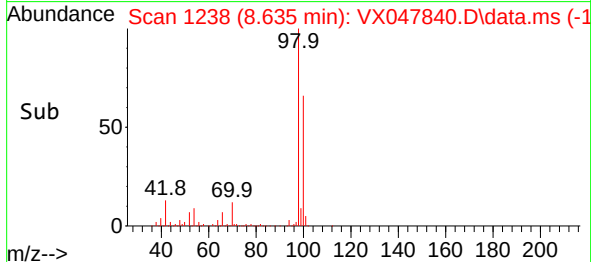
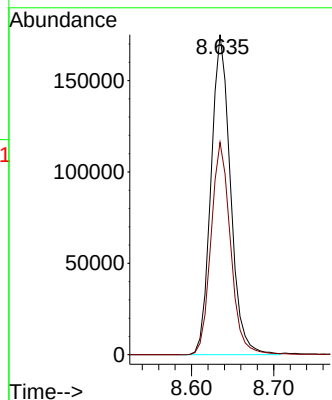
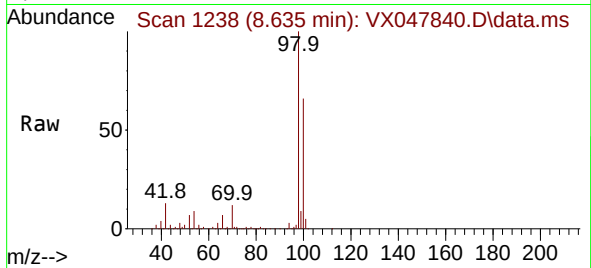




#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

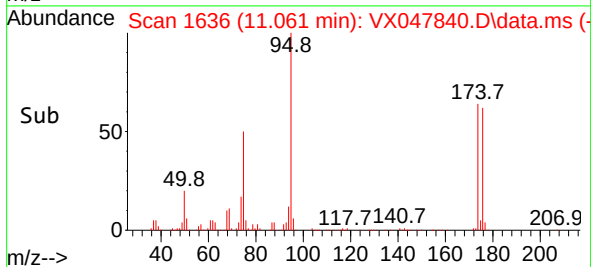
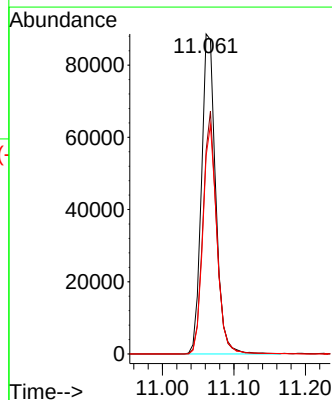
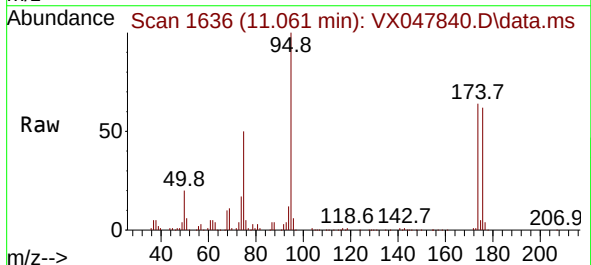
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

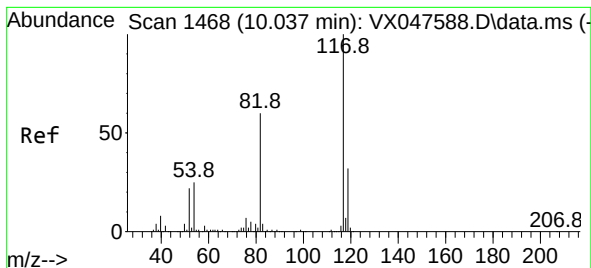
Tgt Ion: 98 Resp: 287625
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 95 Resp: 122039
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.8 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: VX047840.D

Acq: 26 Sep 2025 07:22

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-9-20250916

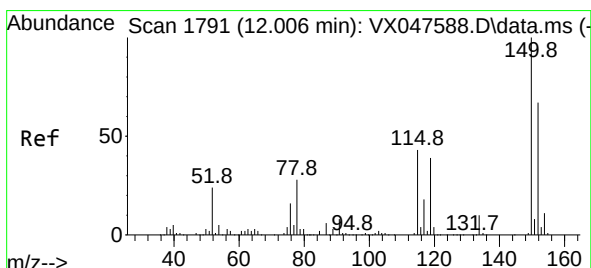
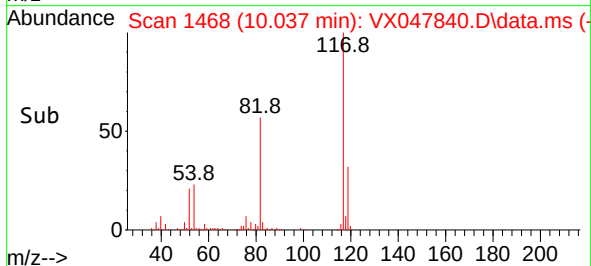
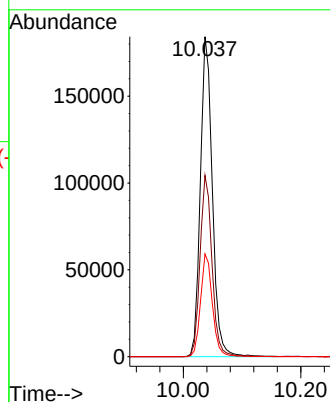
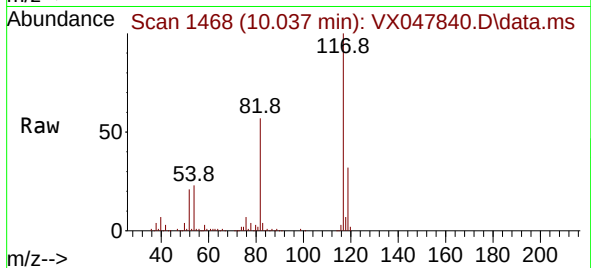
Tgt Ion:117 Resp: 261456

Ion Ratio Lower Upper

117 100

82 56.6 47.8 71.6

119 32.1 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: VX047840.D

Acq: 26 Sep 2025 07:22

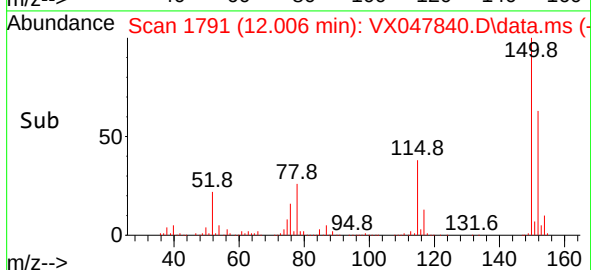
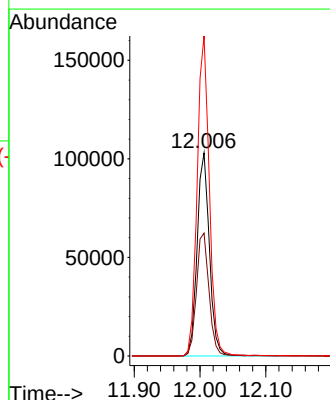
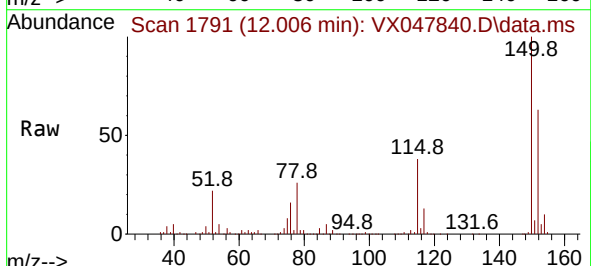
Tgt Ion:152 Resp: 133160

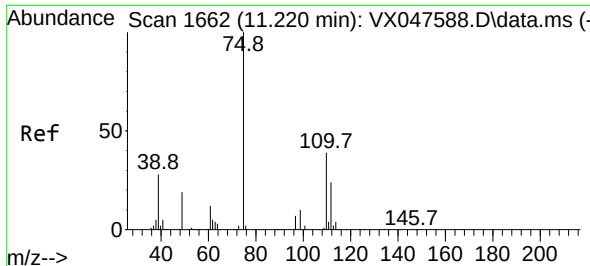
Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 155.8 0.0 352.0

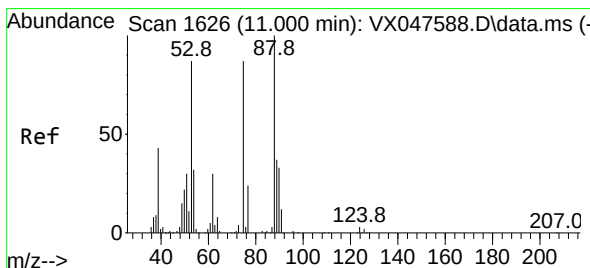
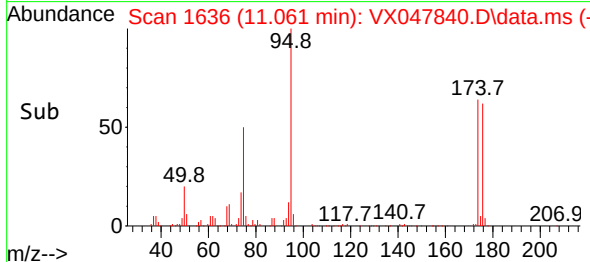
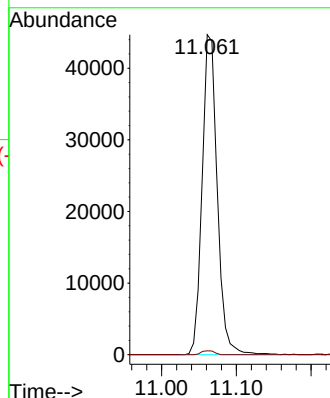
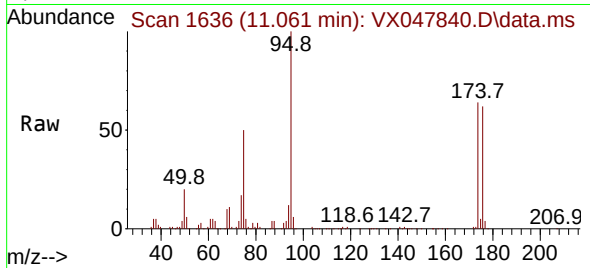




#76
1,2,3-Trichloropropane
Concen: 23.260 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-9-20250916

Tgt Ion: 75 Resp: 62711
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.317 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047840.D
Acq: 26 Sep 2025 07:22

Tgt Ion: 75 Resp: 62711
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

