

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047904.D
 Acq On : 30 Sep 2025 12:51
 Operator : JC/MD
 Sample : Q3156-18RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20250918

Quant Time: Oct 01 01:08:28 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)

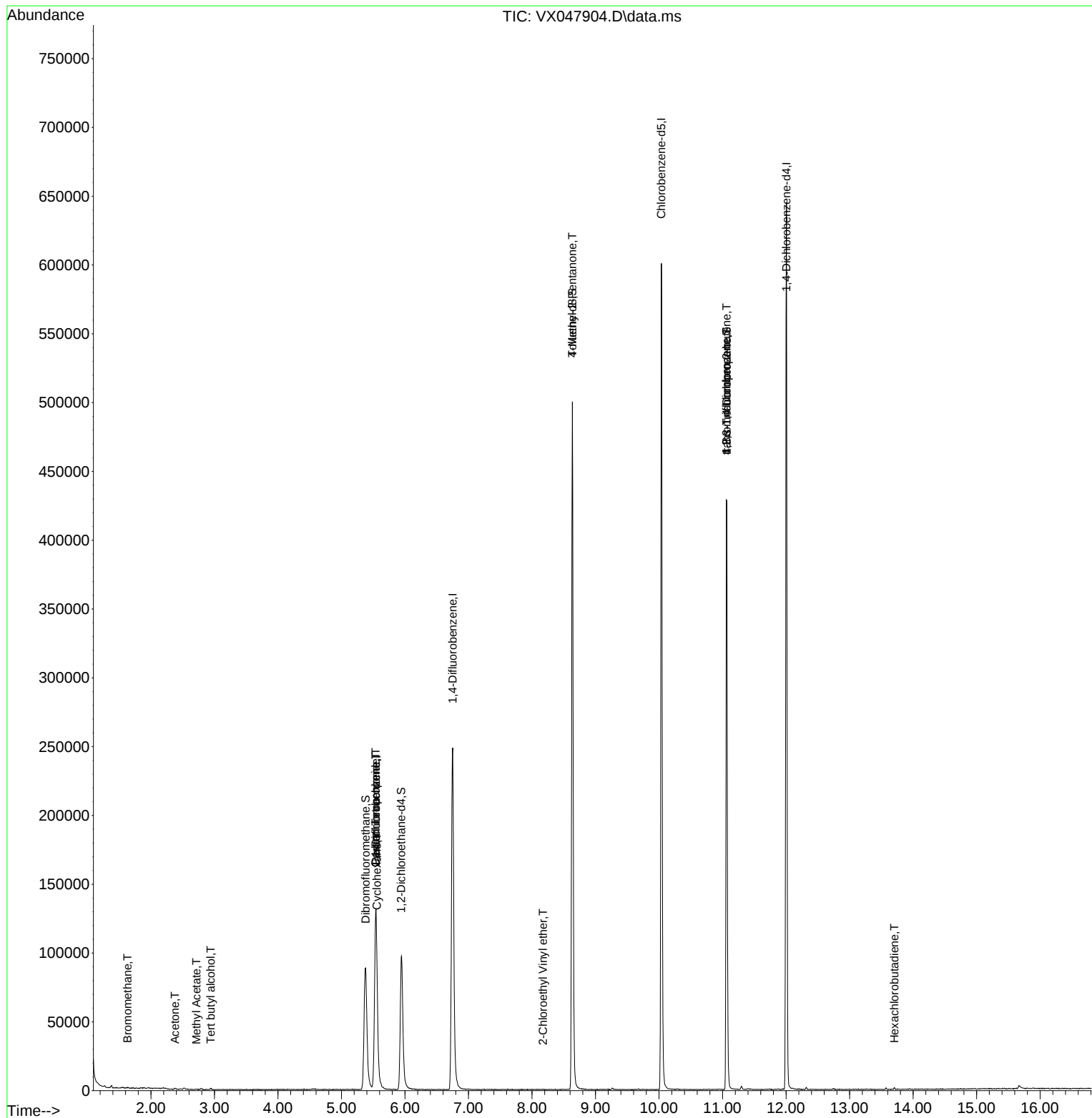
Internal Standards						
1) Pentafluorobenzene	5.544	168	131219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107179	51.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.620%			
35) Dibromofluoromethane	5.379	113	89364	48.825	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.660%			
50) Toluene-d8	8.635	98	306430	48.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.061	95	127297	52.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	234	0.211	ug/l	82
11) Tert butyl alcohol	2.941	59	116	0.499	ug/l #	72
16) Acetone	2.380	43	1143	1.259	ug/l	95
18) Methyl Acetate	2.715	43	407	0.201	ug/l #	54
31) Cyclohexane	5.556	56	2856	1.035	ug/l #	30
36) 1,1-Dichloropropene	5.538	75	10964	4.100	ug/l #	52
38) Carbon Tetrachloride	5.538	117	13853	4.767	ug/l #	17
51) 4-Methyl-2-Pentanone	8.635	43	1472	0.565	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.171	63	168	8.009	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	66303	24.406	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	66303	62.238	ug/l #	8
94) Hexachlorobutadiene	13.707	225	294	0.300	ug/l	90

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

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

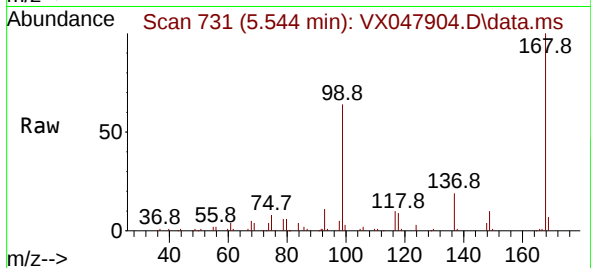
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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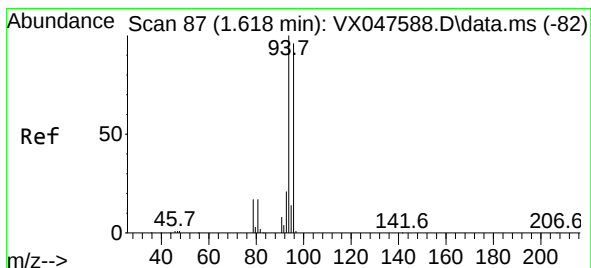
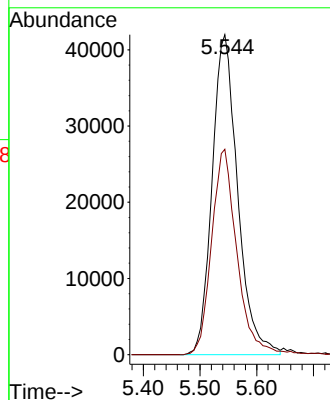
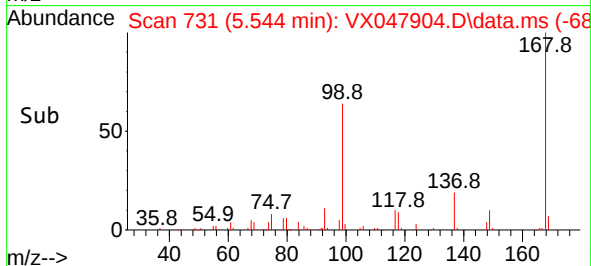


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

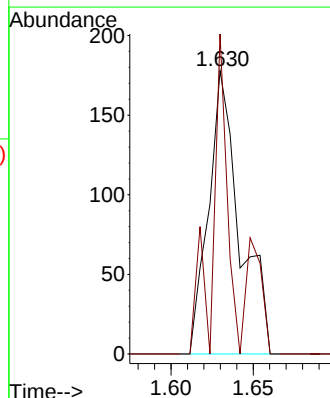
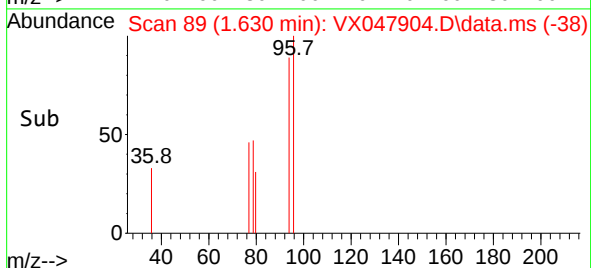
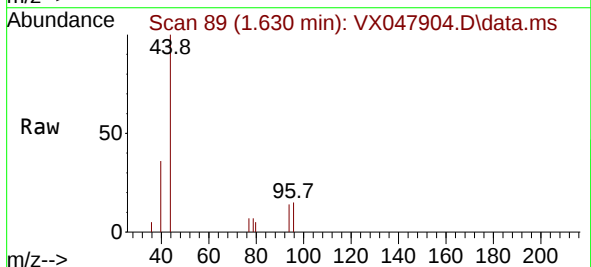


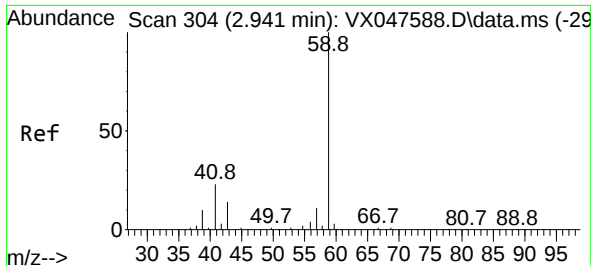
Tgt Ion:168 Resp: 131219
Ion Ratio Lower Upper
168 100
99 64.2 48.8 73.2



#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 112.9 76.6 115.0

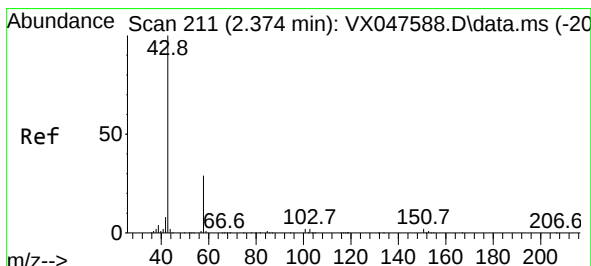
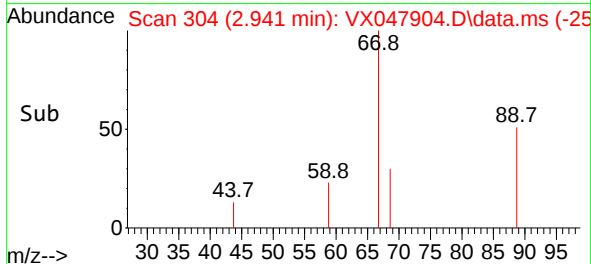
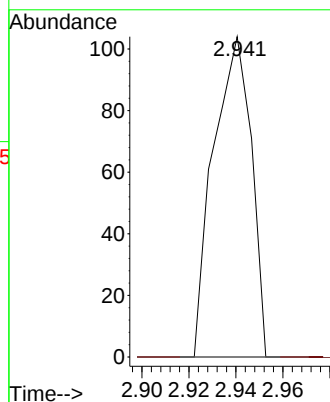
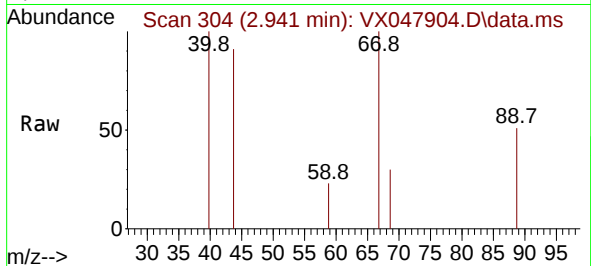




#11
Tert butyl alcohol
Concen: 0.499 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

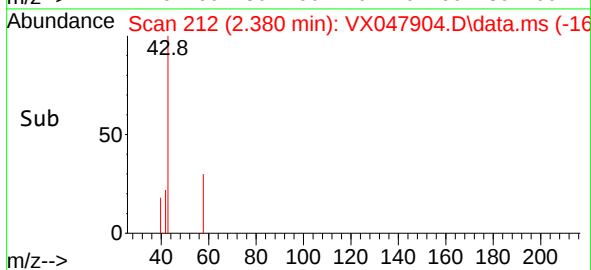
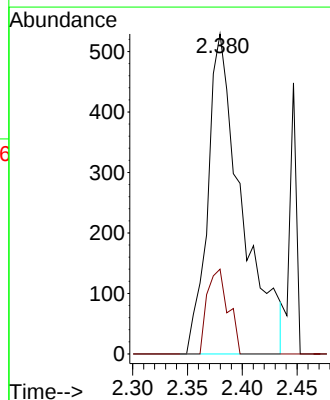
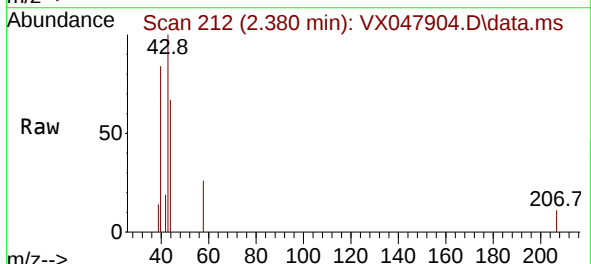
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

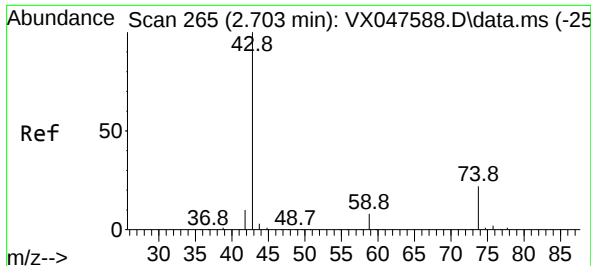
Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.259 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.0

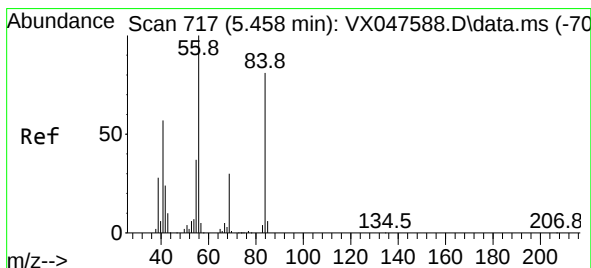
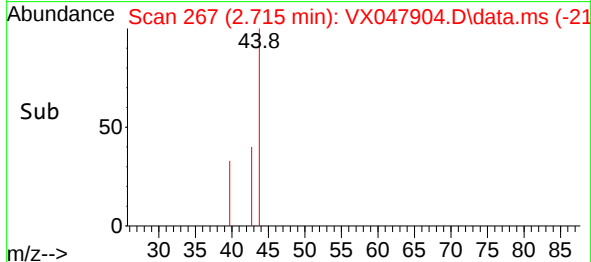
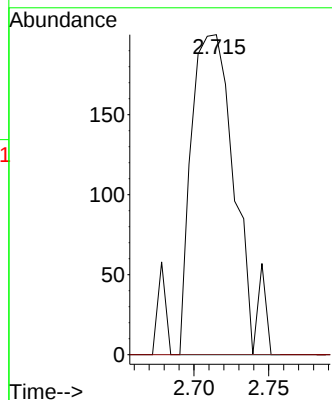
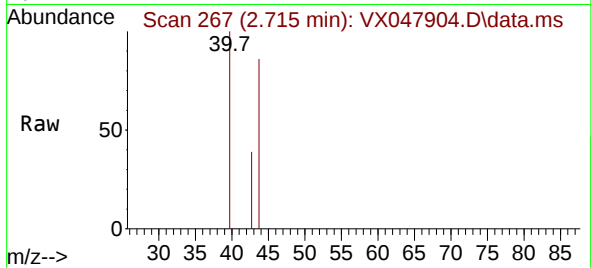




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.715 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

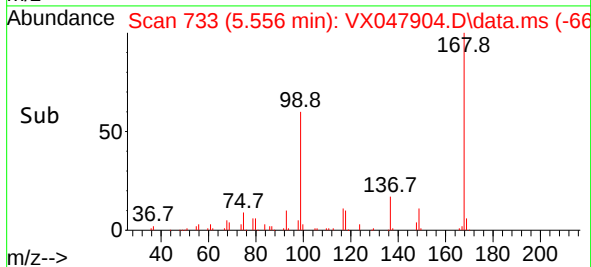
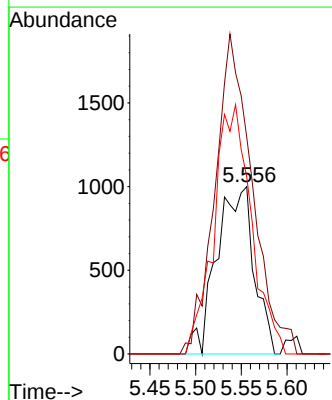
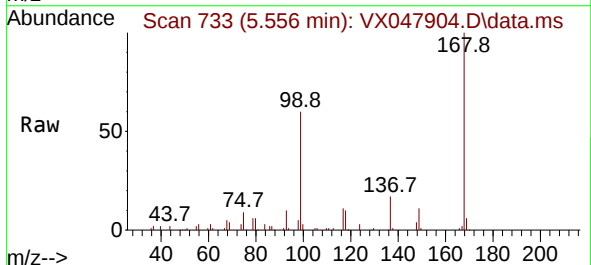
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.097 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 129.5 23.8 35.8#
84 105.8 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.314 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047904.D

Acq: 30 Sep 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

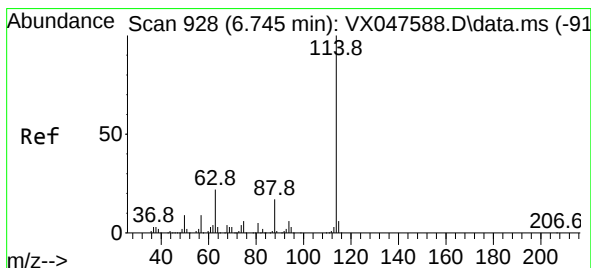
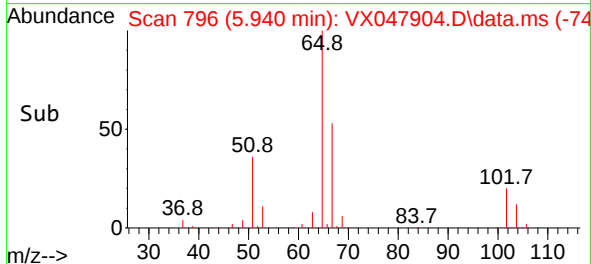
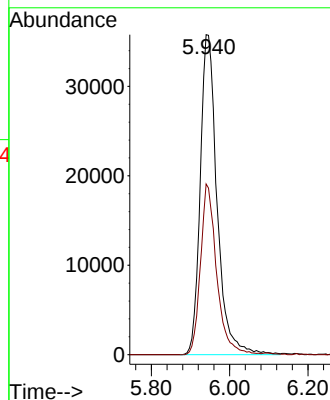
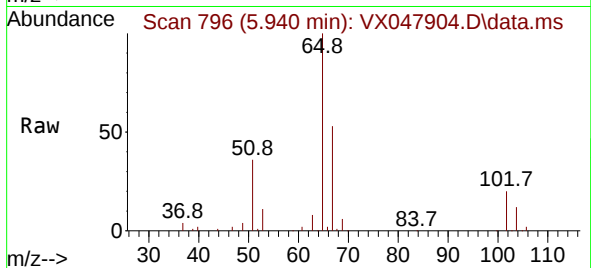
RW9-MW01S-20250918

Tgt Ion: 65 Resp: 107179

Ion Ratio Lower Upper

65 100

67 51.1 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: VX047904.D

Acq: 30 Sep 2025 12:51

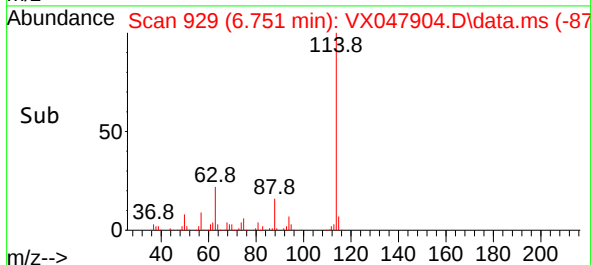
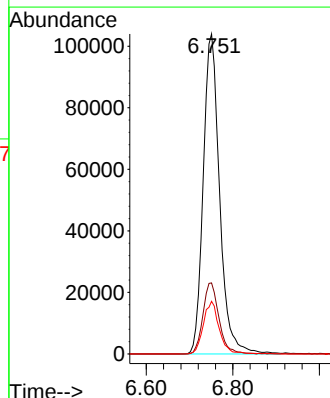
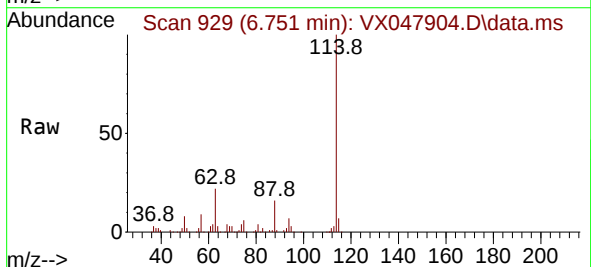
Tgt Ion: 114 Resp: 272909

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.5 0.0 34.2

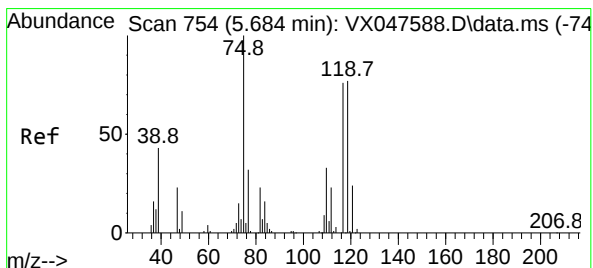
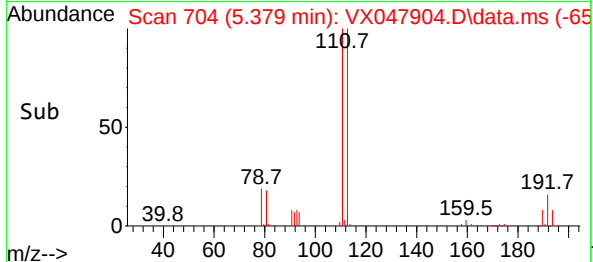
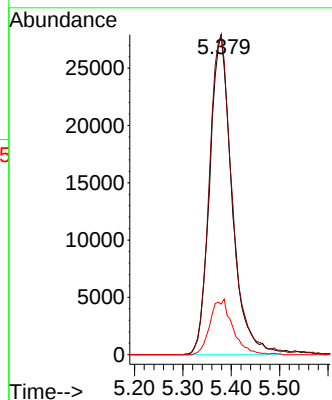
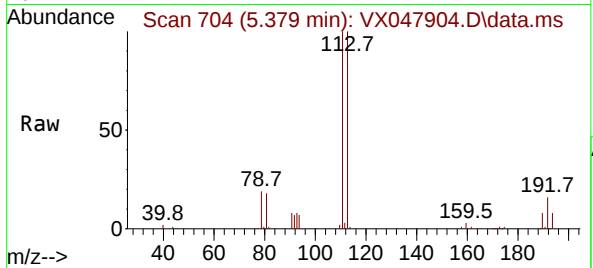




#35
Dibromofluoromethane
Concen: 48.825 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

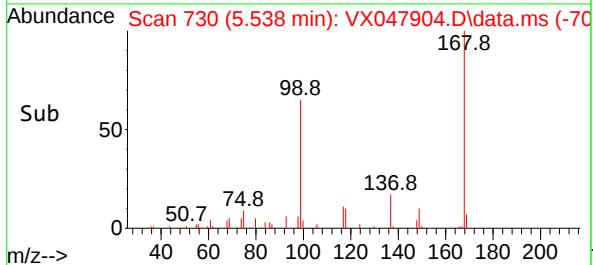
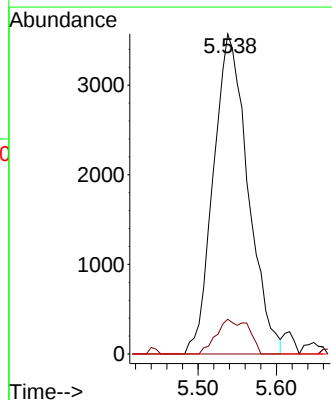
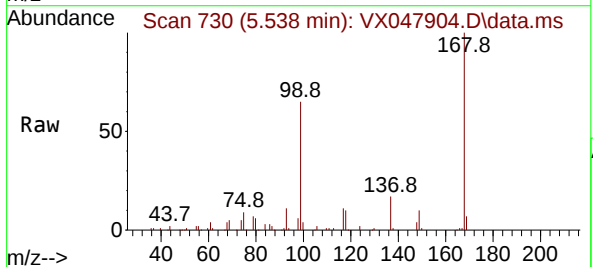
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

Tgt Ion:113 Resp: 89364
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.100 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

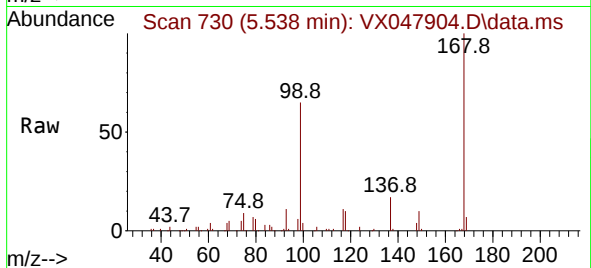
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
110 10.0 16.7 50.1#
77 0.0 24.3 36.5#



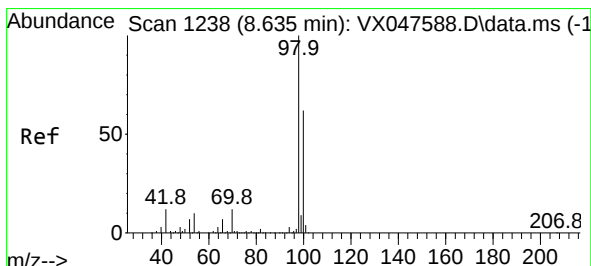
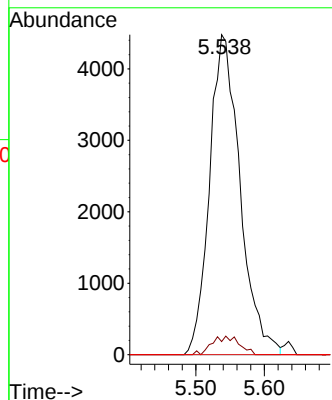
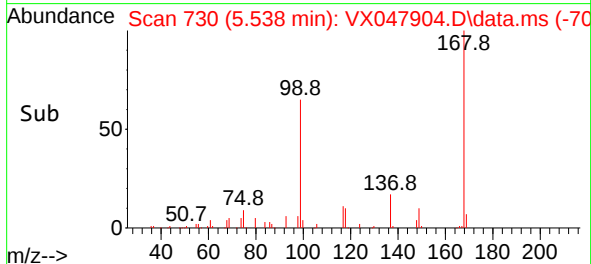


#38
Carbon Tetrachloride
Concen: 4.767 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

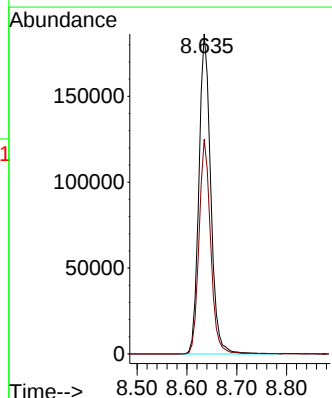
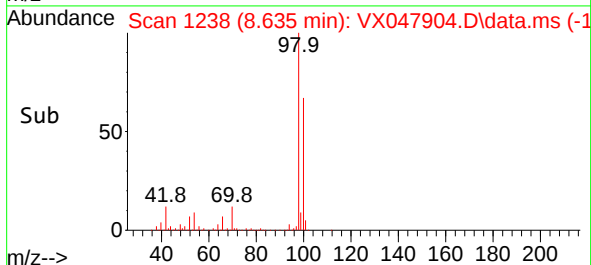
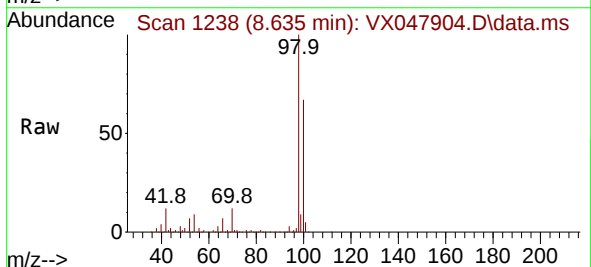


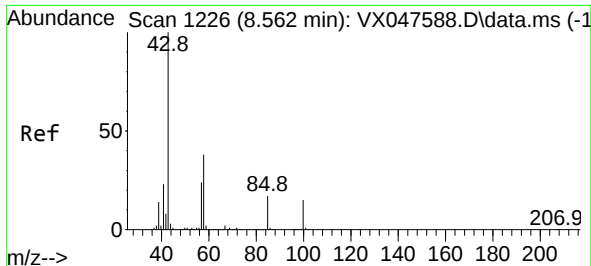
Tgt Ion:117 Resp: 13853
Ion Ratio Lower Upper
117 100
119 4.1 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.385 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 98 Resp: 306430
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.565 ug/l

RT: 8.635 min Scan# 1162

Delta R.T. 0.073 min

Lab File: VX047904.D

Acq: 30 Sep 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

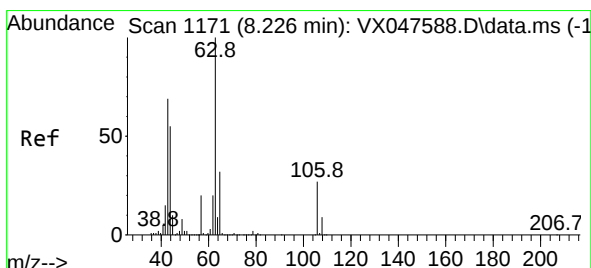
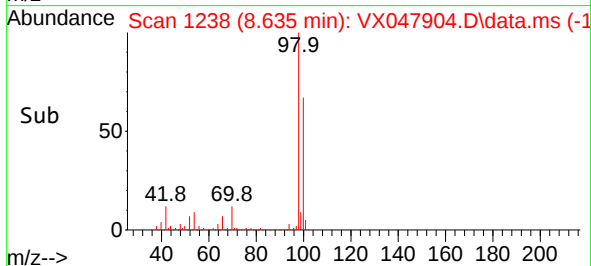
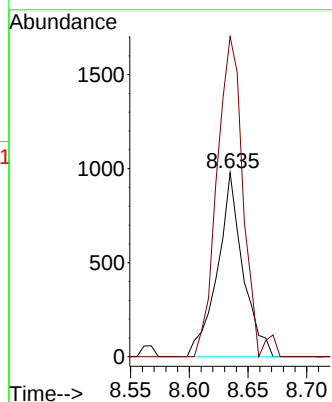
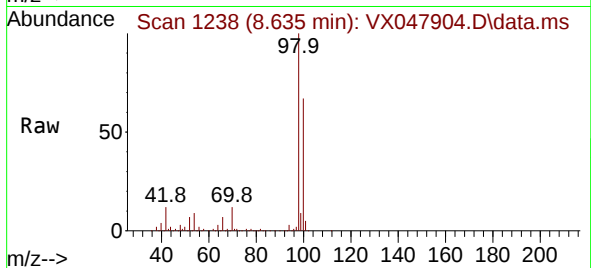
RW9-MW01S-20250918

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 180.0 30.3 45.5#



#58

2-Chloroethyl Vinyl ether

Concen: 8.009 ug/l

RT: 8.171 min Scan# 1162

Delta R.T. -0.055 min

Lab File: VX047904.D

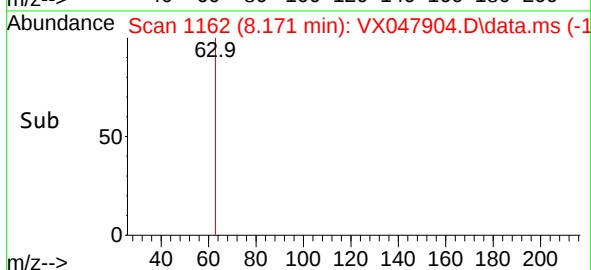
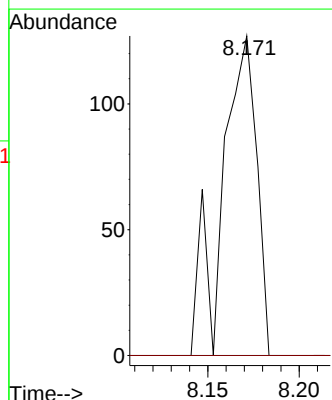
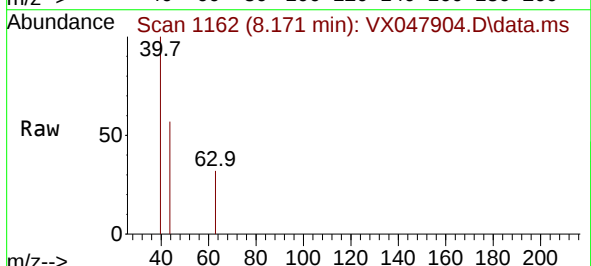
Acq: 30 Sep 2025 12:51

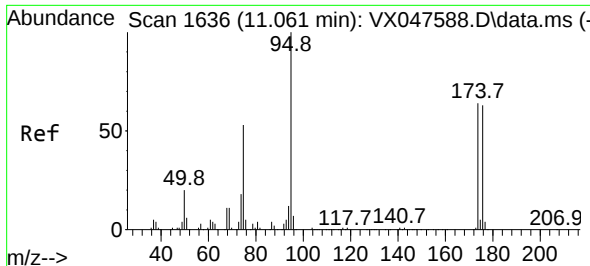
Tgt Ion: 63 Resp: 168

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#

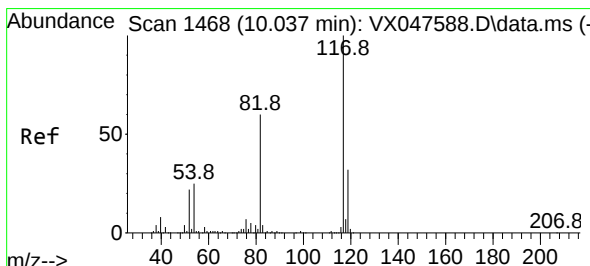
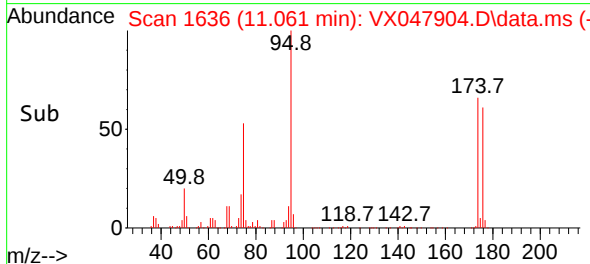
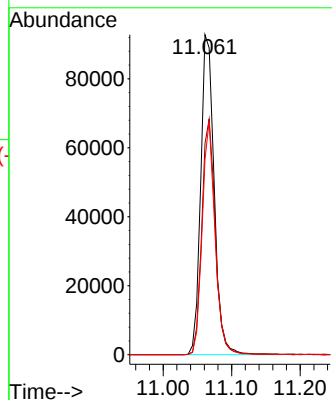
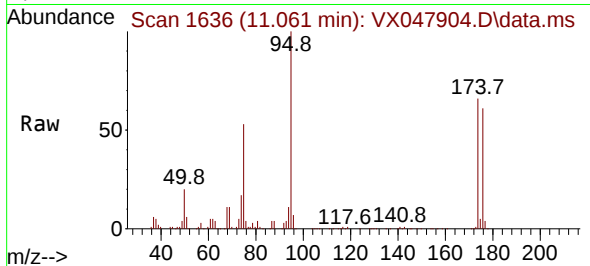




#62
4-Bromofluorobenzene
Concen: 52.962 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

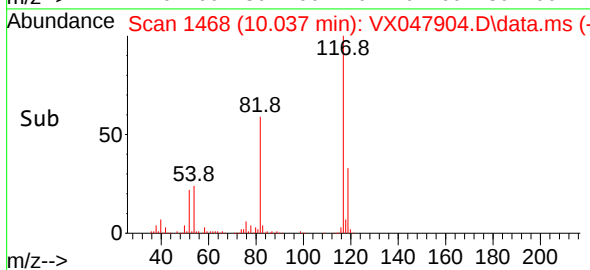
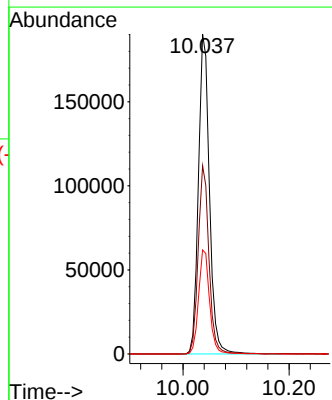
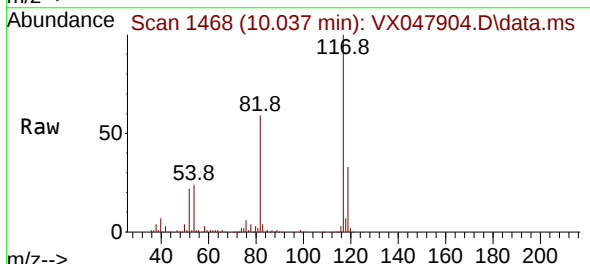
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

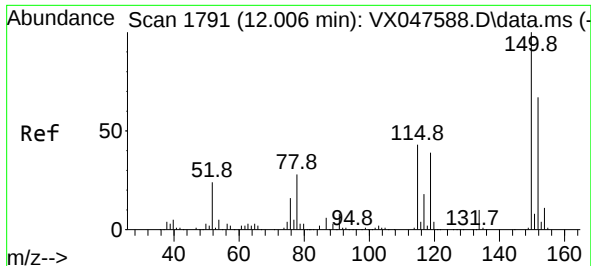
Tgt Ion: 95 Resp: 127297
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 117 Resp: 274678
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 32.5 25.2 37.8

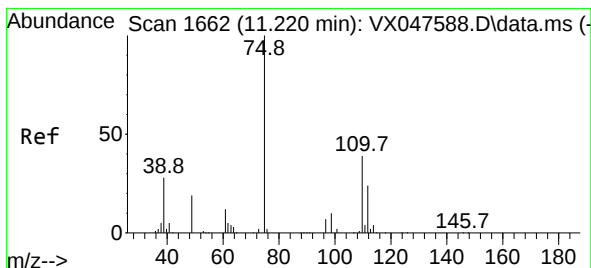
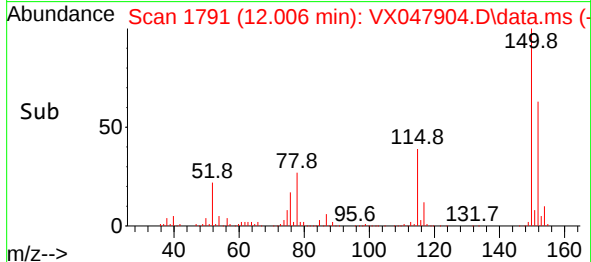
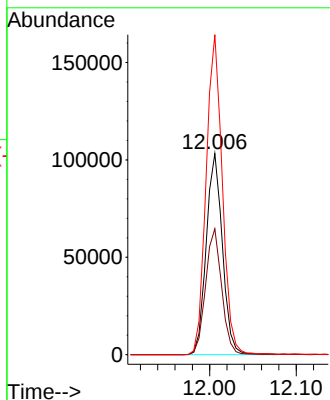
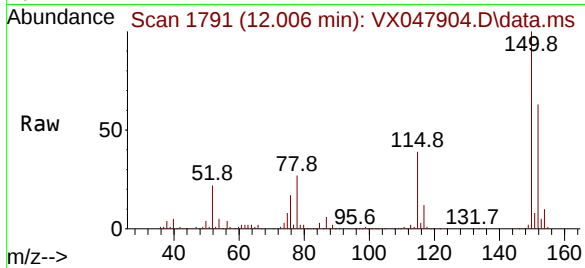




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

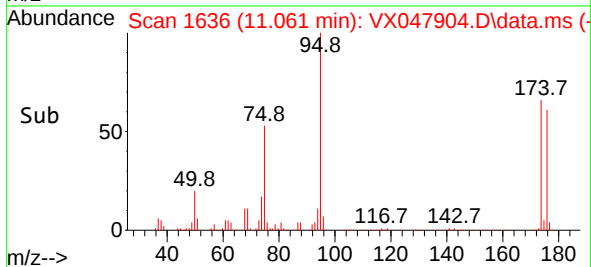
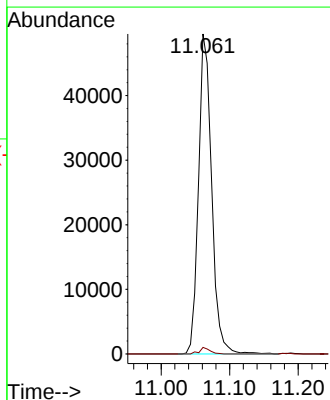
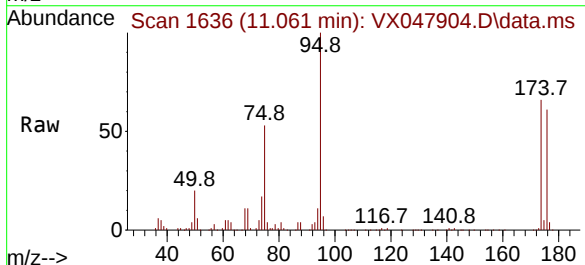
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

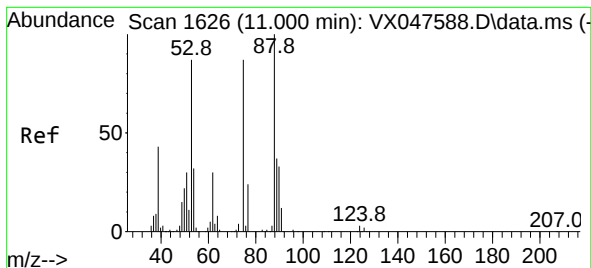
Tgt Ion:152 Resp: 134179
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 159.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.406 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 75 Resp: 66303
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#

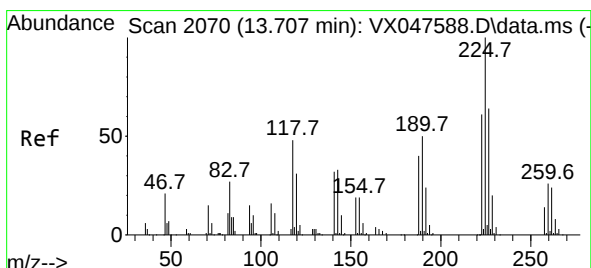
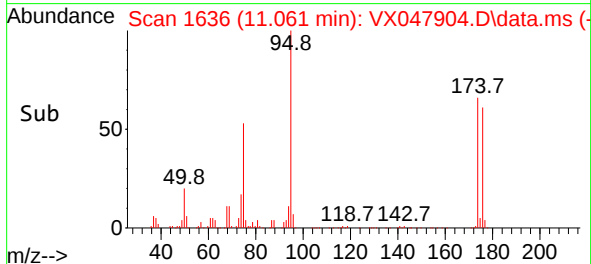
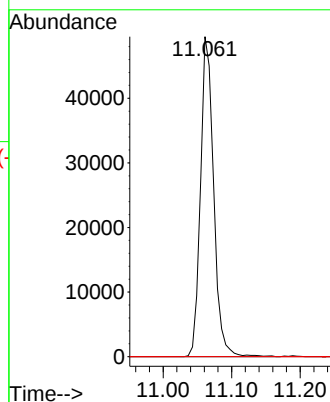
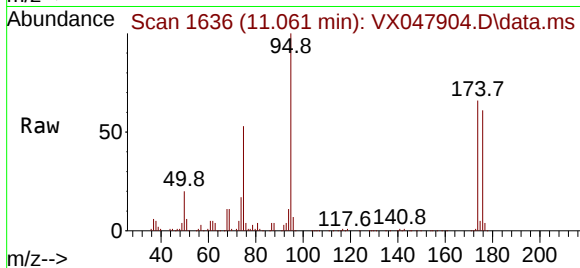




#81
trans-1,4-Dichloro-2-butene
Concen: 62.238 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20250918

Tgt Ion: 75 Resp: 66303
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.300 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047904.D
Acq: 30 Sep 2025 12:51

Tgt Ion: 225 Resp: 294
Ion Ratio Lower Upper
225 100
223 51.4 31.7 95.1
227 67.0 32.0 96.0

