

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045424.D
 Acq On : 24 Mar 2025 18:46
 Operator : JC/MD
 Sample : Q1608-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20250319

Quant Time: Mar 25 01:39:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

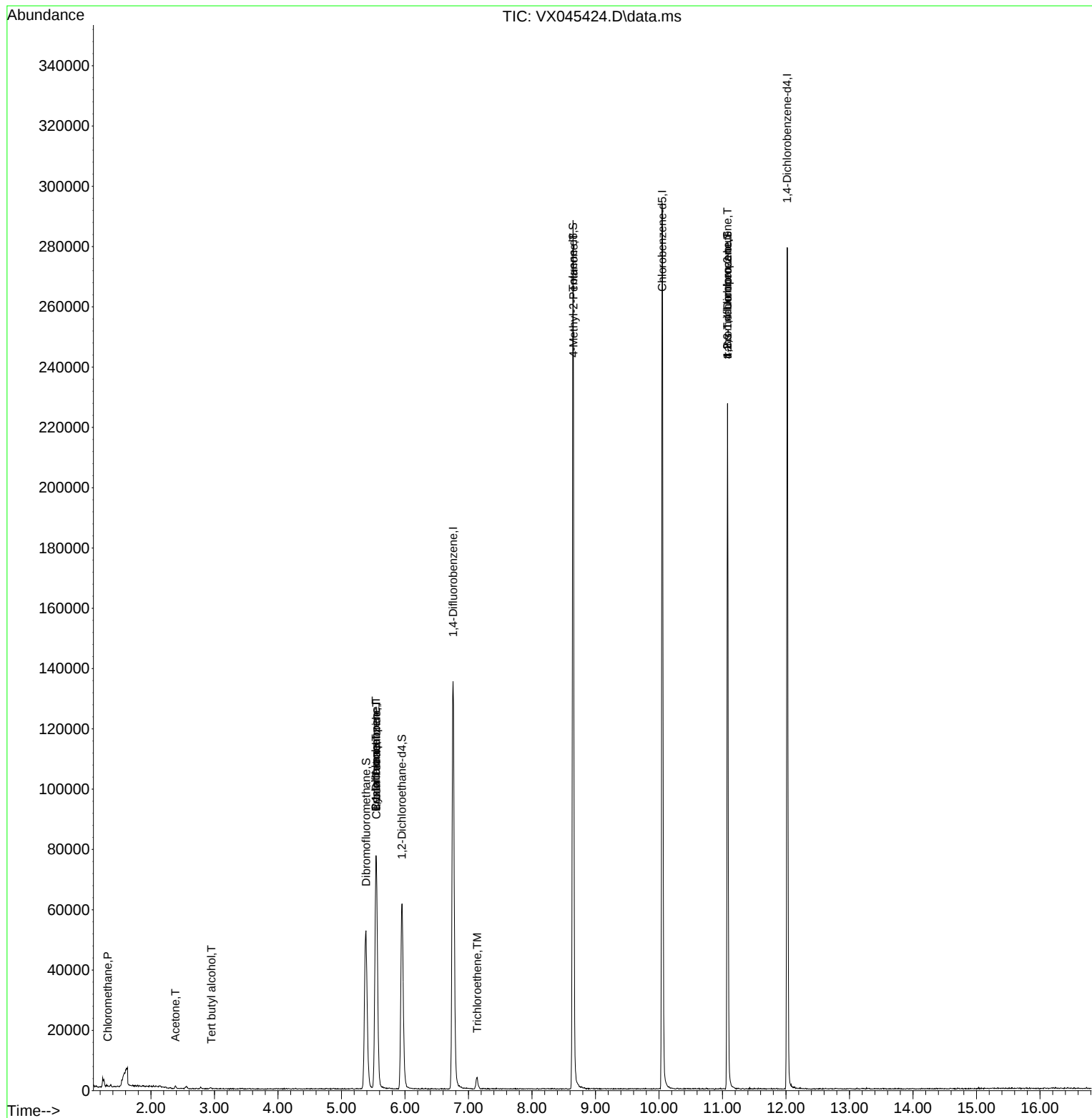
Internal Standards						
1) Pentafluorobenzene	5.544	168	67003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61799	57.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.960%	
35) Dibromofluoromethane	5.385	113	46424	52.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	8.647	98	162777	50.575	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	56684	53.149	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	382	0.370	ug/l #	43
11) Tert butyl alcohol	2.953	59	55	0.272	ug/l #	73
16) Acetone	2.386	43	862	1.743	ug/l	100
31) Cyclohexane	5.544	56	2203	1.519	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	6686	5.492	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7856	6.356	ug/l #	15
44) Trichloroethene	7.135	130	1532	1.697	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	944	0.606	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33008	27.948	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33008	95.643	ug/l #	6

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

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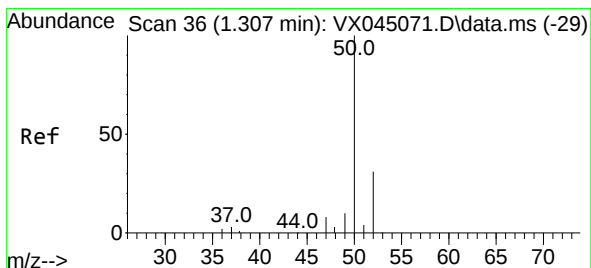
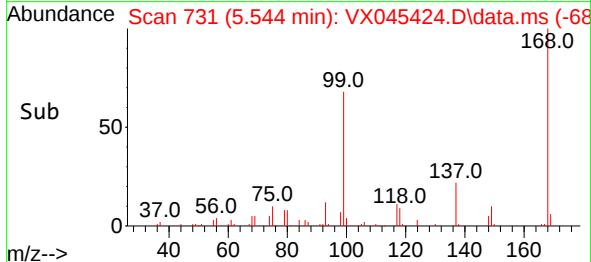
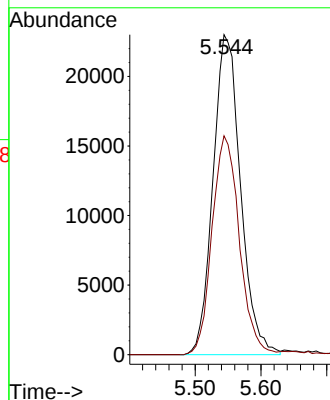
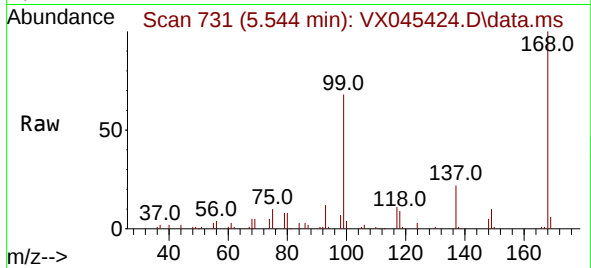




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

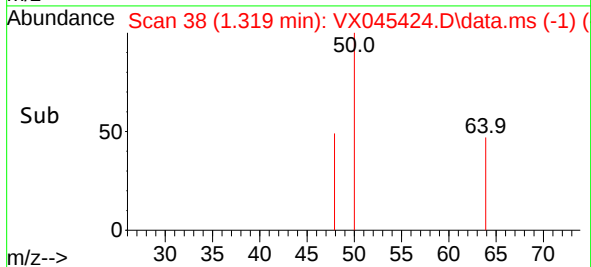
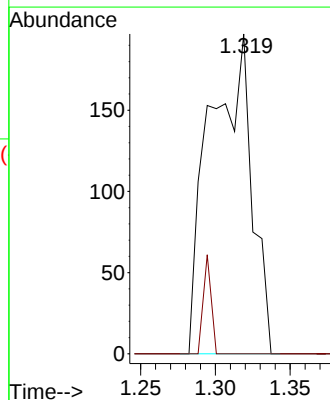
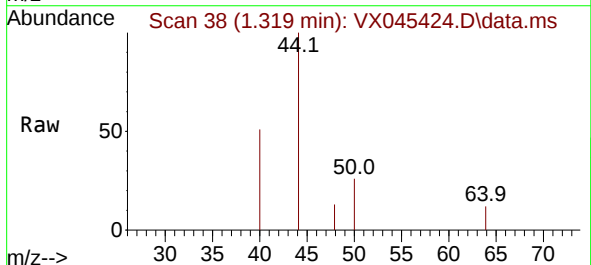
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

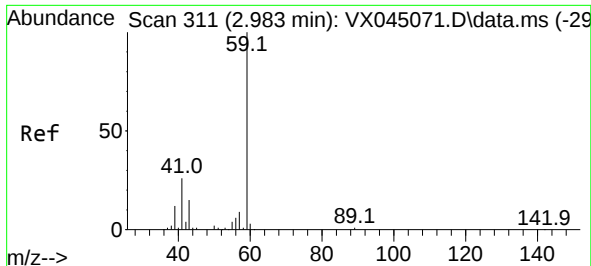
Tgt Ion:168 Resp: 67003
Ion Ratio Lower Upper
168 100
99 68.4 48.2 72.4



#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.012 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.272 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX045424.D

Acq: 24 Mar 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

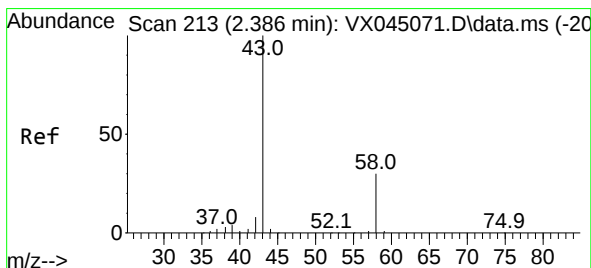
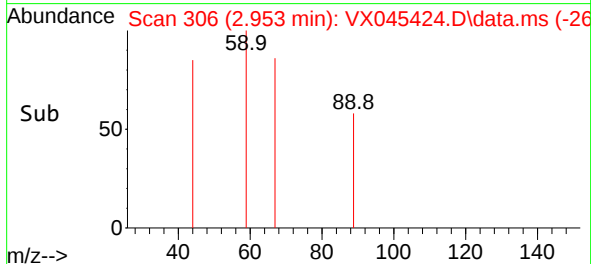
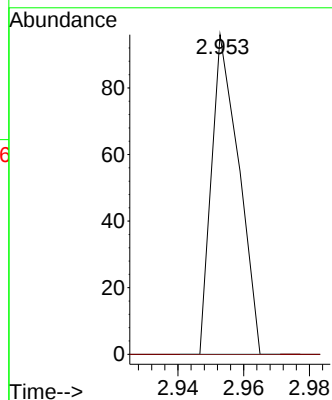
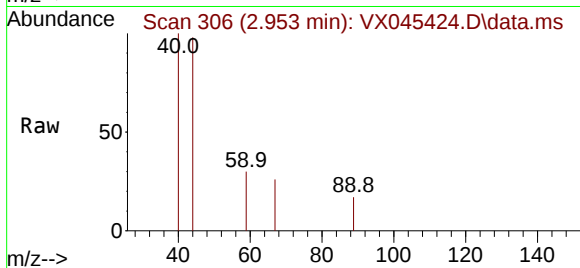
RW8-MW01S-20250319

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.743 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045424.D

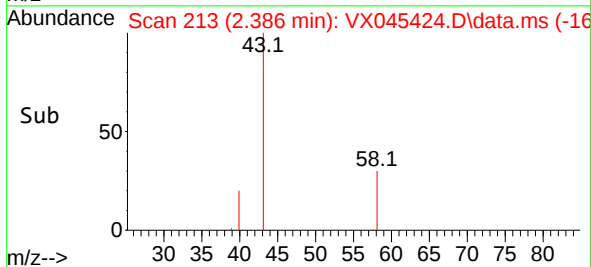
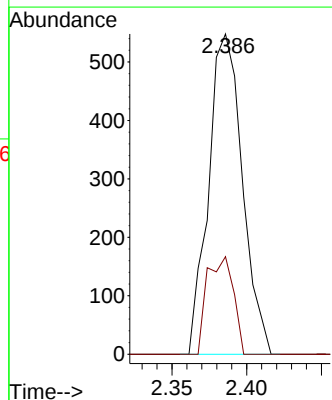
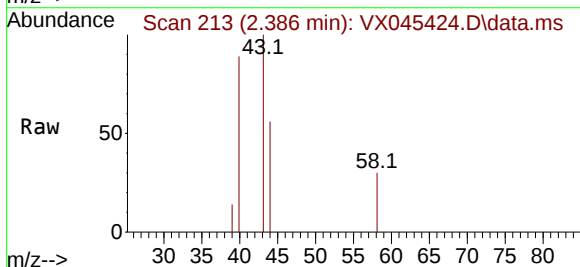
Acq: 24 Mar 2025 18:46

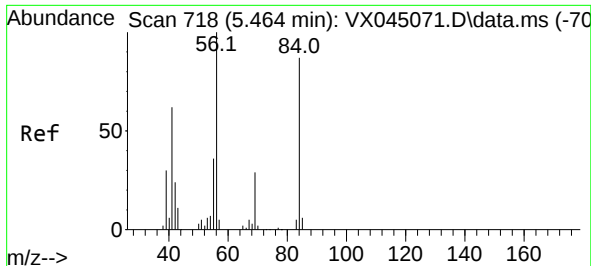
Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

58 30.5 24.2 36.4

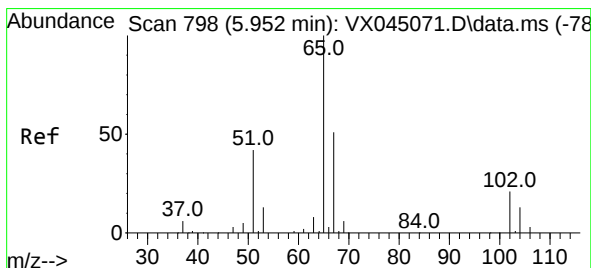
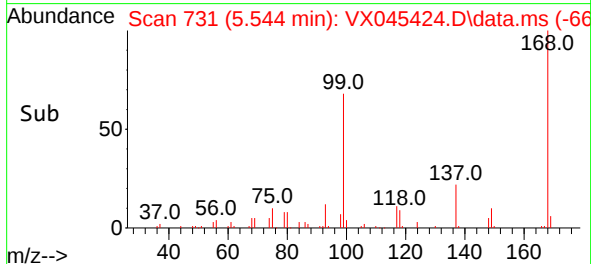
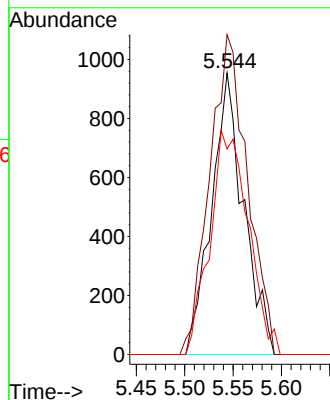
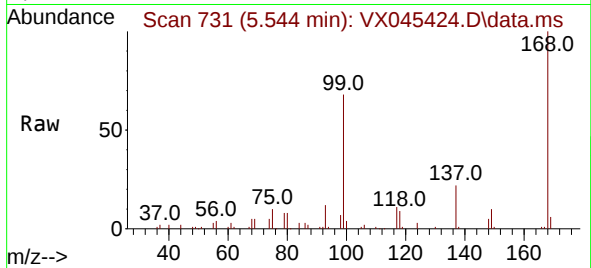




#31
Cyclohexane
Concen: 1.519 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

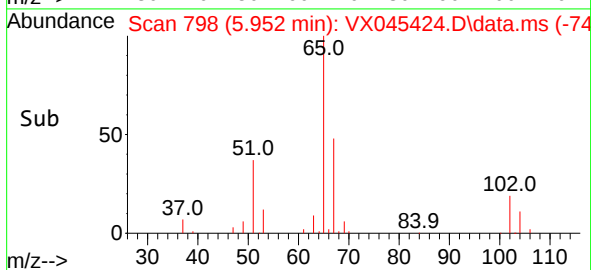
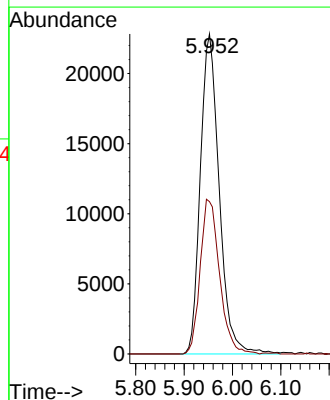
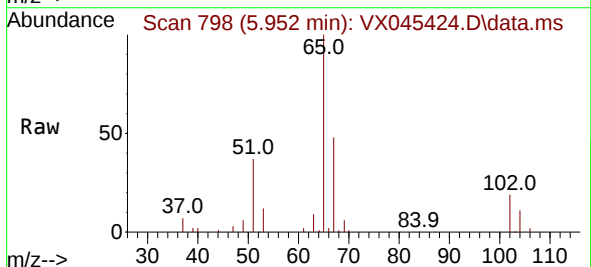
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

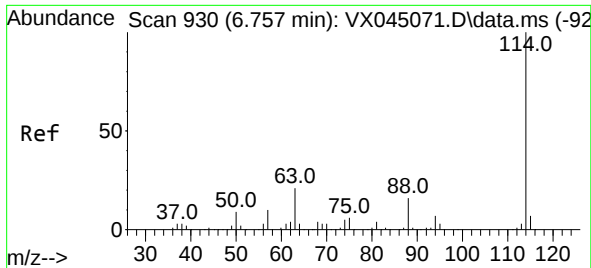
Tgt Ion: 56 Resp: 2203
Ion Ratio Lower Upper
56 100
69 113.6 23.4 35.2#
84 73.1 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 57.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion: 65 Resp: 61799
Ion Ratio Lower Upper
65 100
67 49.7 0.0 106.2

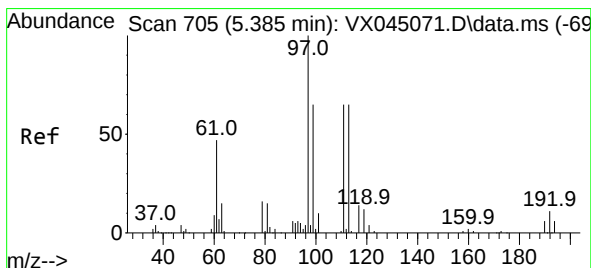
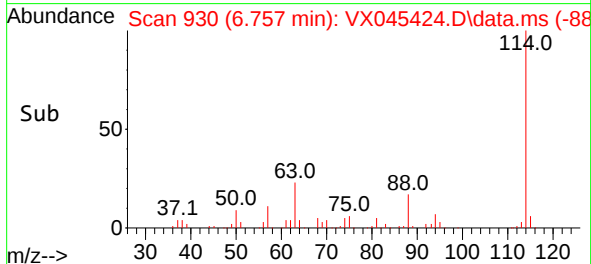
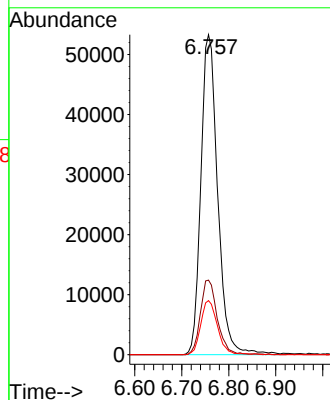
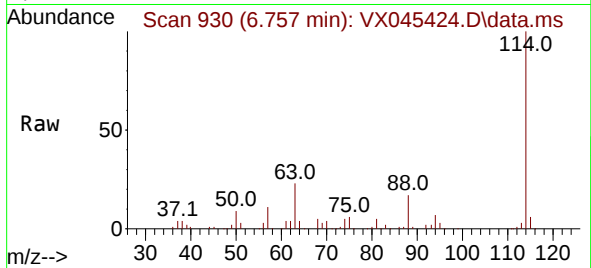




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

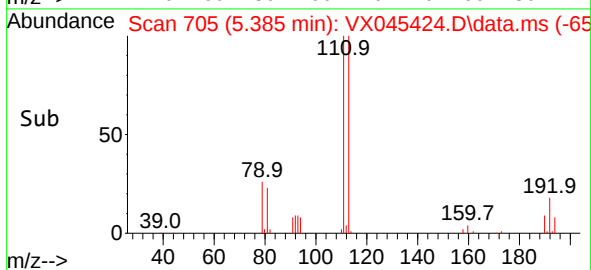
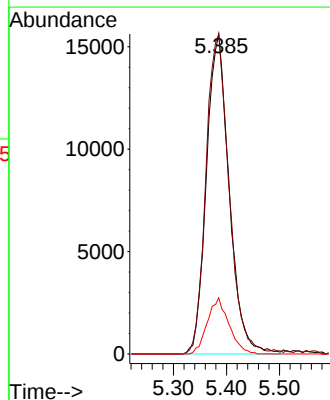
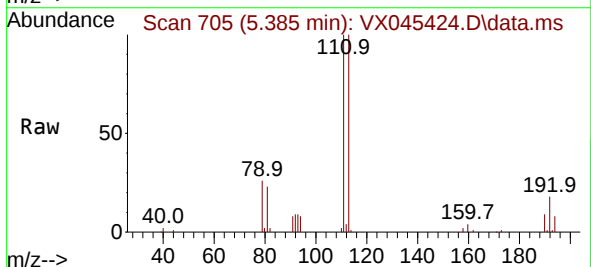
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

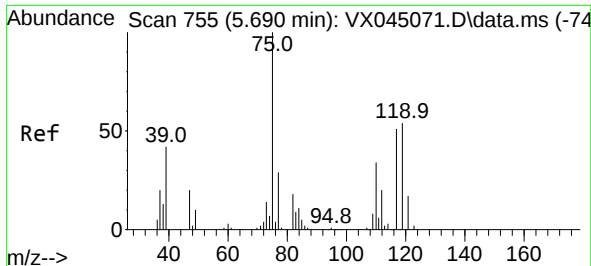
Tgt Ion:114 Resp: 132767
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion:113 Resp: 46424
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.492 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045424.D

Acq: 24 Mar 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20250319

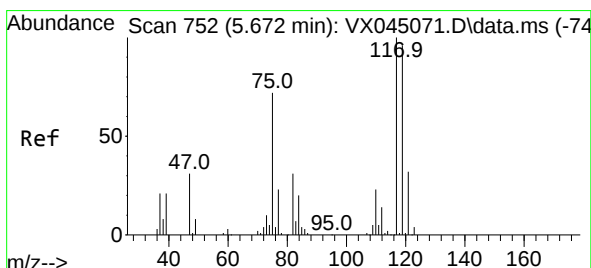
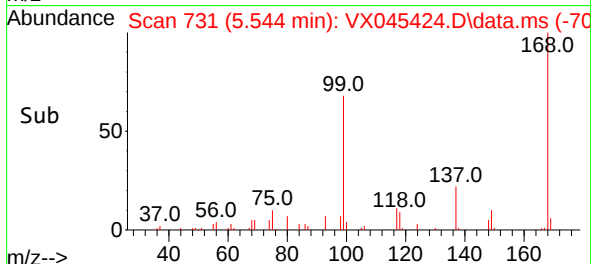
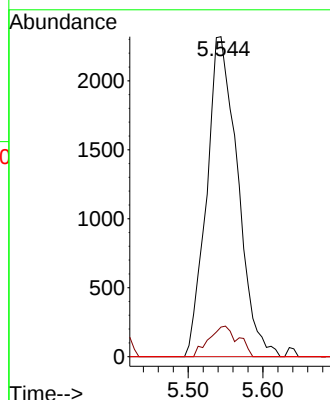
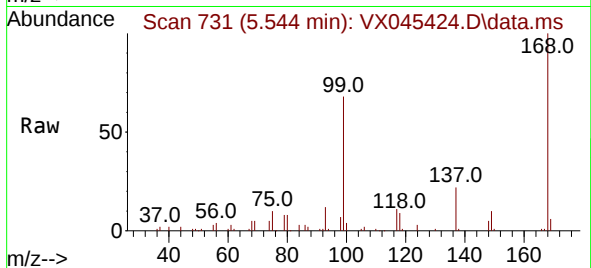
Tgt Ion: 75 Resp: 6686

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.356 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045424.D

Acq: 24 Mar 2025 18:46

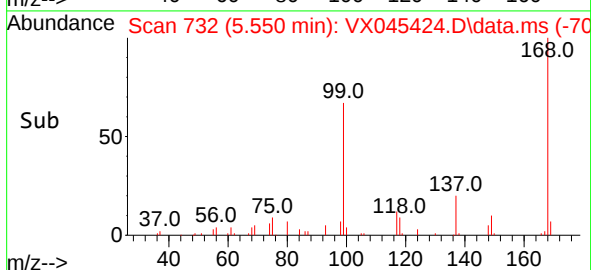
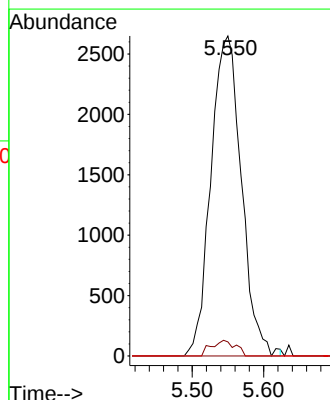
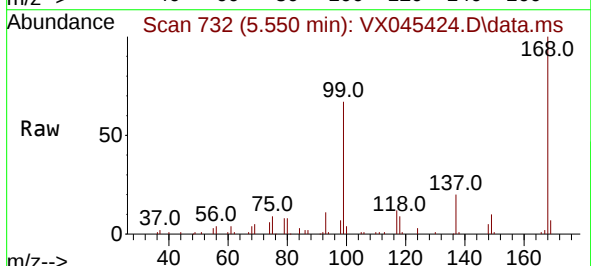
Tgt Ion: 117 Resp: 7856

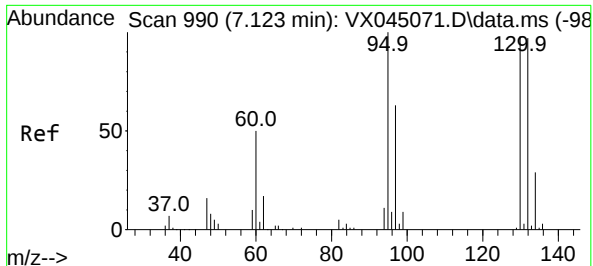
Ion Ratio Lower Upper

117 100

119 4.4 76.7 115.1#

121 0.0 25.5 38.3#

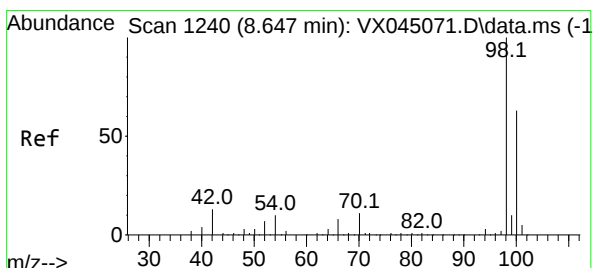
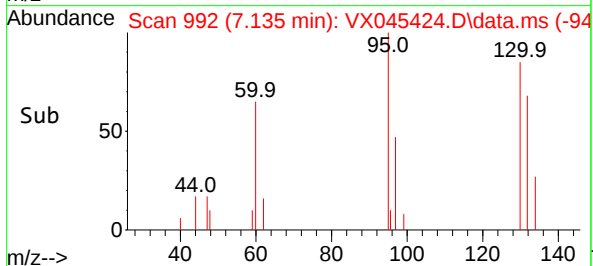
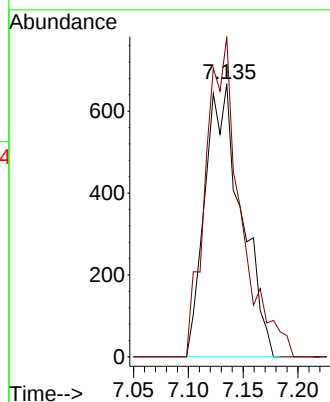
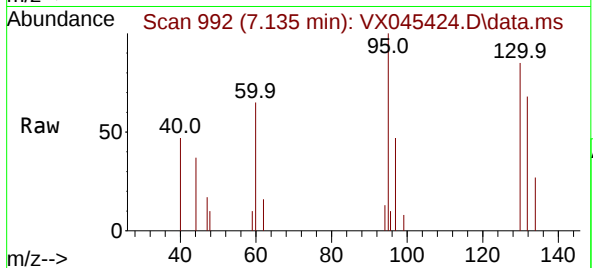




#44
Trichloroethene
Concen: 1.697 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

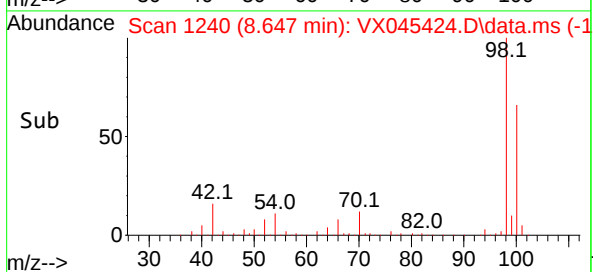
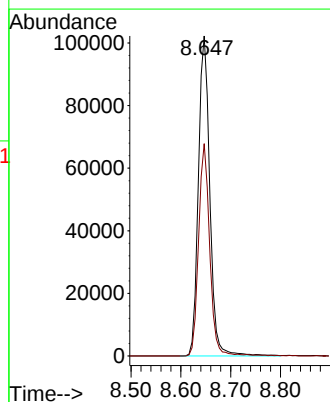
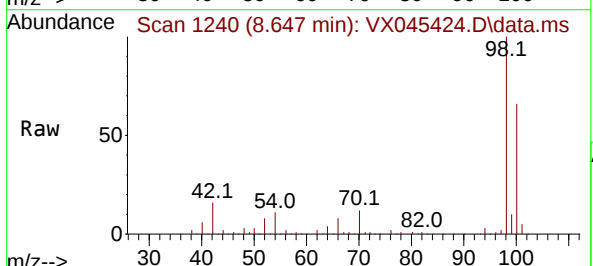
Instrument :
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RW8-MW01S-20250319

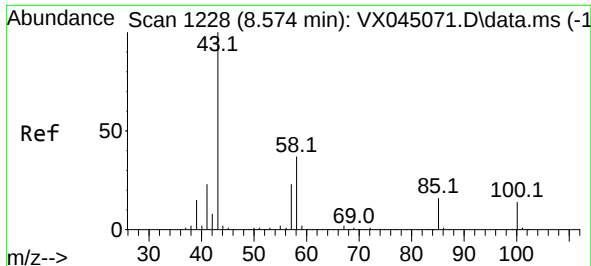
Tgt Ion:130 Resp: 1532
Ion Ratio Lower Upper
130 100
95 128.8 0.0 205.0



#50
Toluene-d8
Concen: 50.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion: 98 Resp: 162777
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

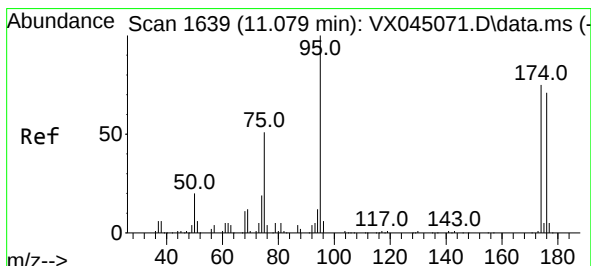
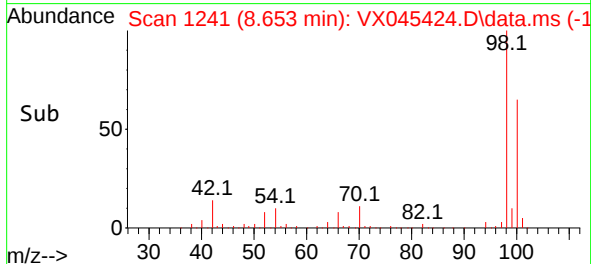
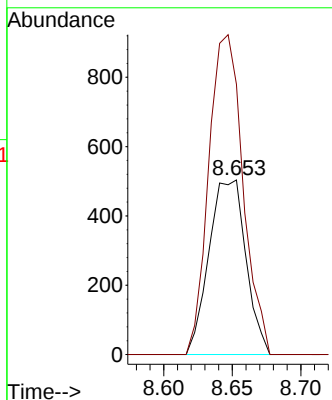
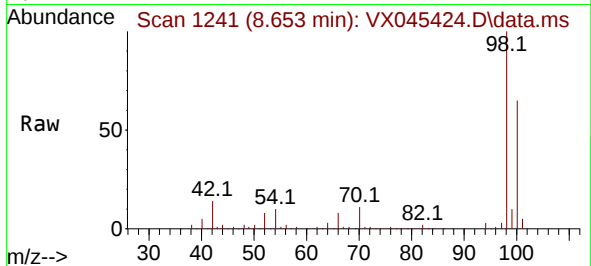




#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

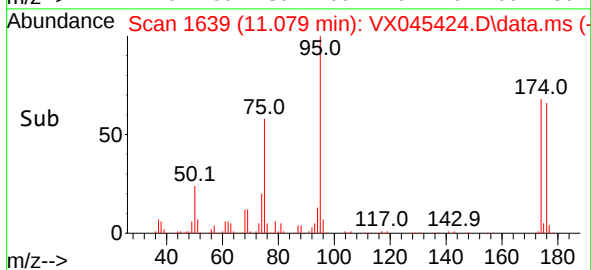
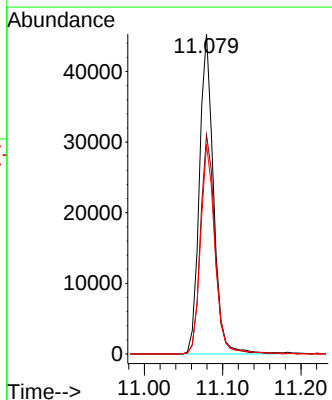
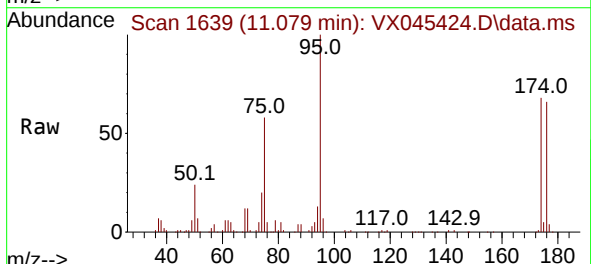
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

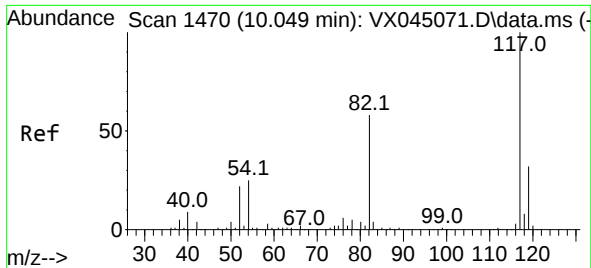
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 170.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 53.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion: 95 Resp: 56684
Ion Ratio Lower Upper
95 100
174 70.1 0.0 148.2
176 66.9 0.0 141.4

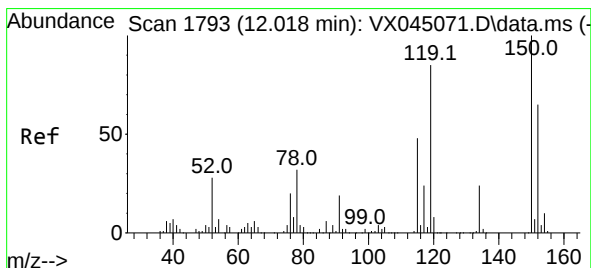
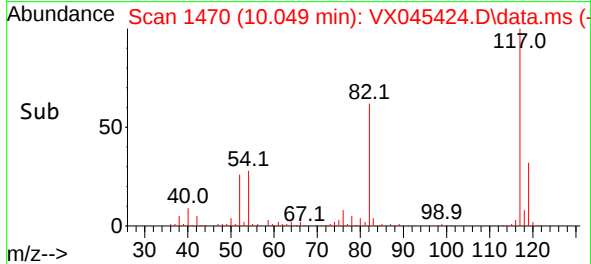
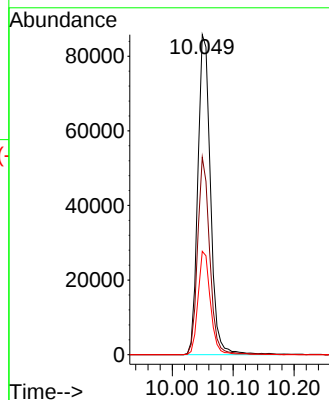
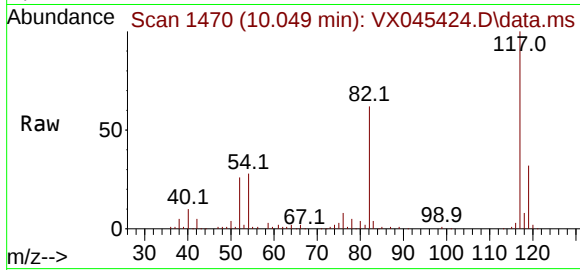




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

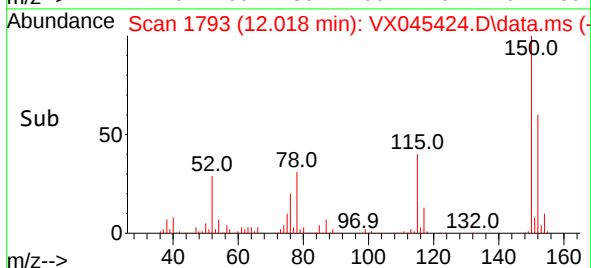
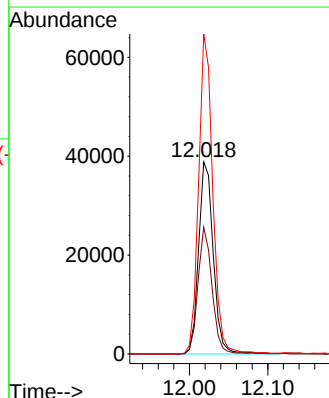
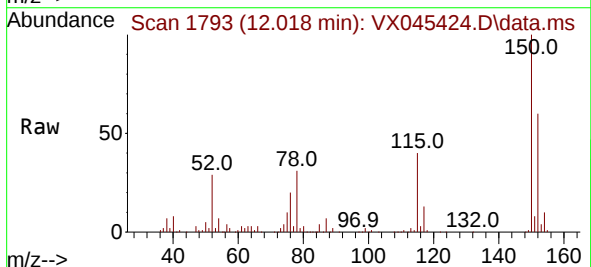
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

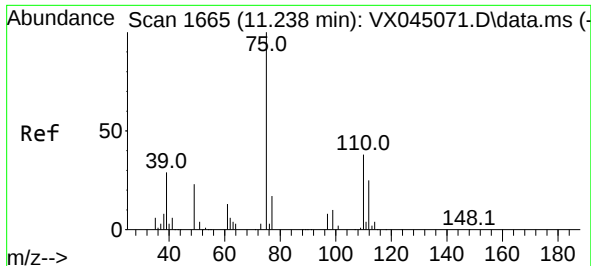
Tgt Ion:117 Resp: 123522
Ion Ratio Lower Upper
117 100
82 61.7 46.3 69.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion:152 Resp: 50743
Ion Ratio Lower Upper
152 100
115 63.4 44.2 132.6
150 160.4 0.0 349.0

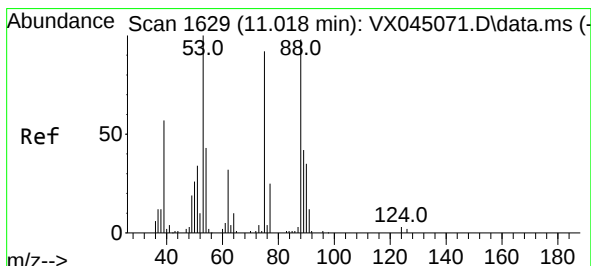
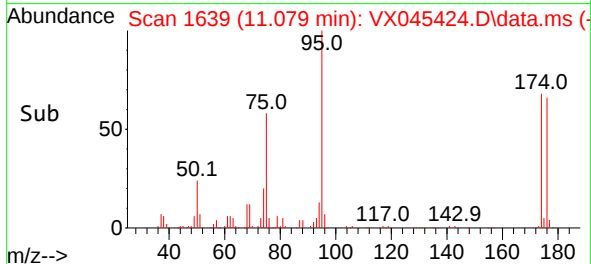
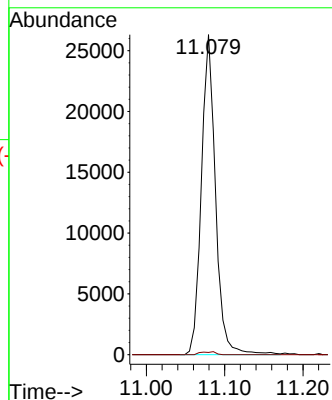
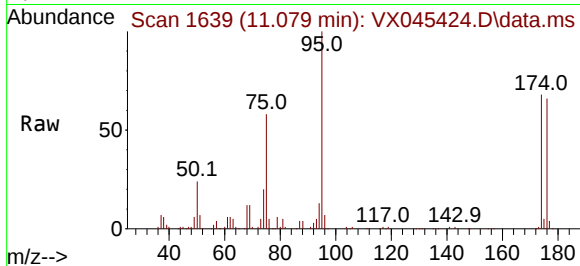




#76
1,2,3-Trichloropropane
Concen: 27.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion: 75 Resp: 33008
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045424.D
Acq: 24 Mar 2025 18:46

Tgt Ion: 75 Resp: 33008
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

