

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045274.D
 Acq On : 13 Mar 2025 17:06
 Operator : JC/MD
 Sample : Q1559-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01D-20250311

Quant Time: Mar 14 12:29:34 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)

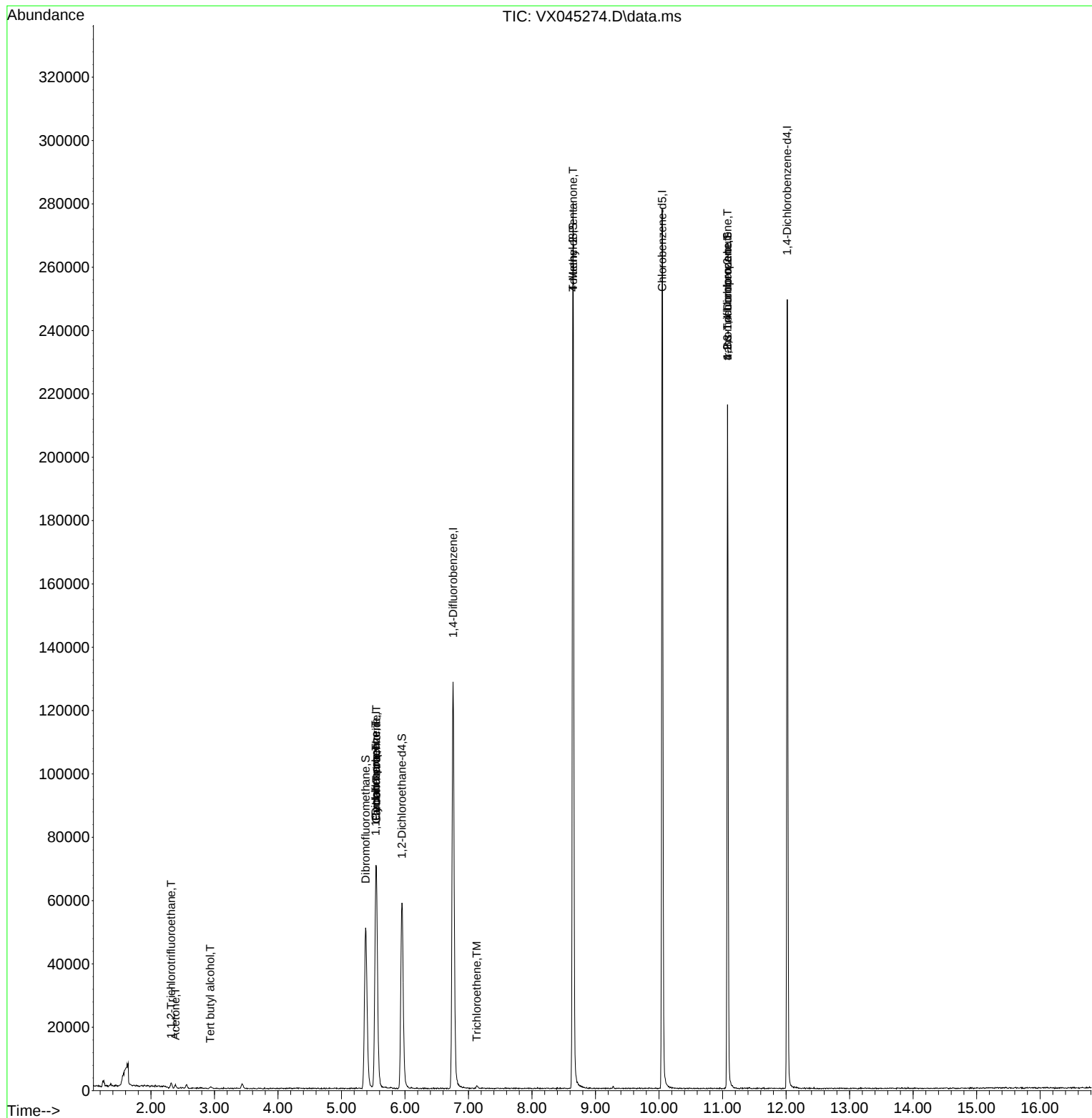
Internal Standards						
1) Pentafluorobenzene	5.544	168	64220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56647	55.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.900%
35) Dibromofluoromethane	5.379	113	44162	52.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.920%
50) Toluene-d8	8.647	98	160903	52.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.440%
62) 4-Bromofluorobenzene	11.079	95	54947	54.330	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.660%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	720	0.965	ug/l	90
11) Tert butyl alcohol	2.934	59	158	0.817	ug/l #	73
16) Acetone	2.386	43	1129	2.382	ug/l	94
31) Cyclohexane	5.544	56	1761	1.267	ug/l #	53
36) 1,1-Dichloropropene	5.538	75	5876	5.090	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7091	6.050	ug/l #	16
44) Trichloroethene	7.129	130	386	0.451	ug/l	83
51) 4-Methyl-2-Pentanone	8.647	43	838	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30154	27.523	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30154	94.188	ug/l #	6

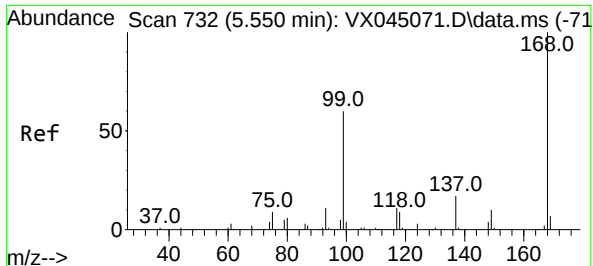
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

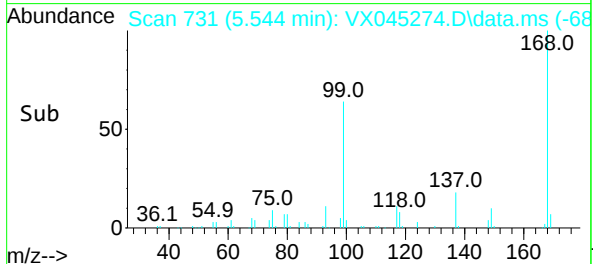
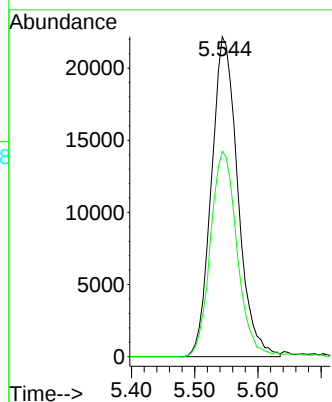
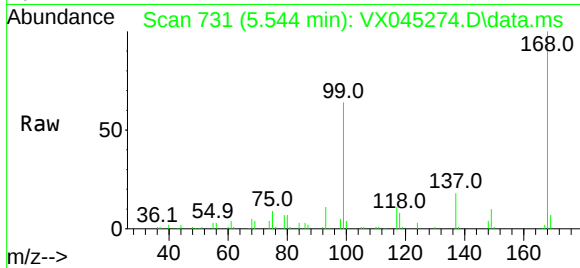




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

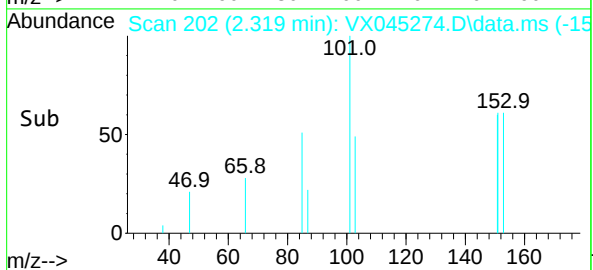
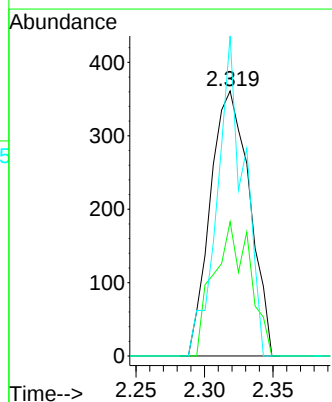
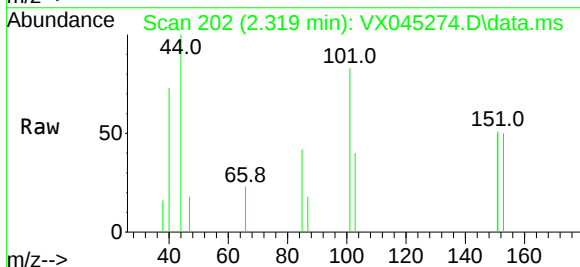
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

Tgt Ion:168 Resp: 64220
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.965 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion:101 Resp: 720
Ion Ratio Lower Upper
101 100
85 46.8 36.2 54.4
151 83.2 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.817 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045274.D

Acq: 13 Mar 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

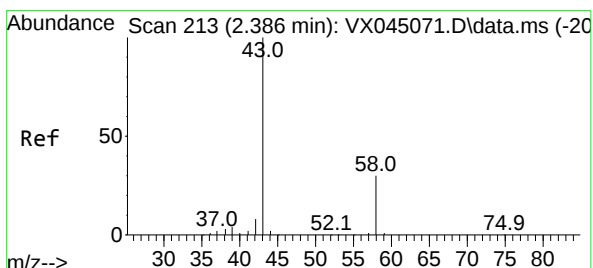
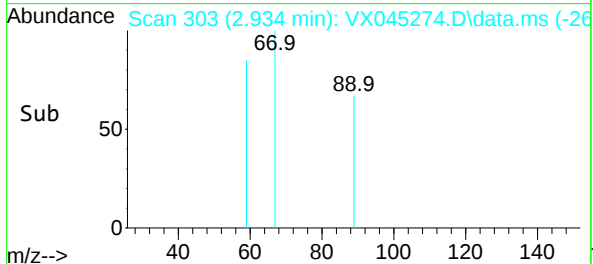
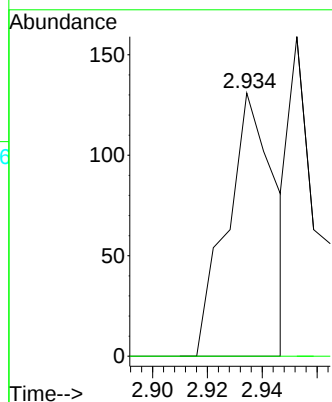
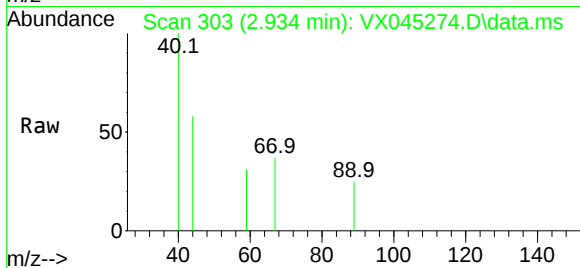
RW10-MW01D-20250311

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.382 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045274.D

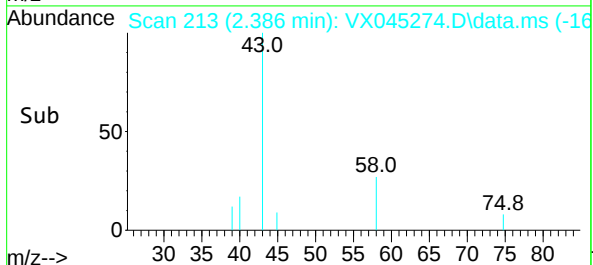
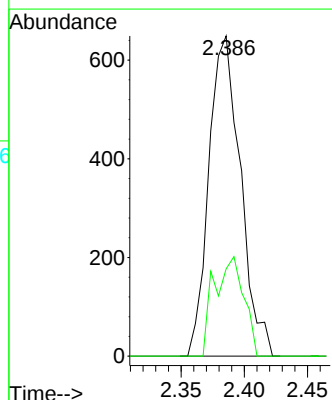
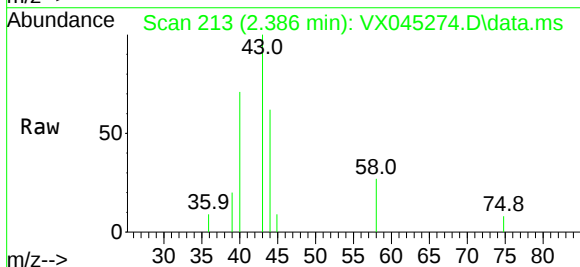
Acq: 13 Mar 2025 17:06

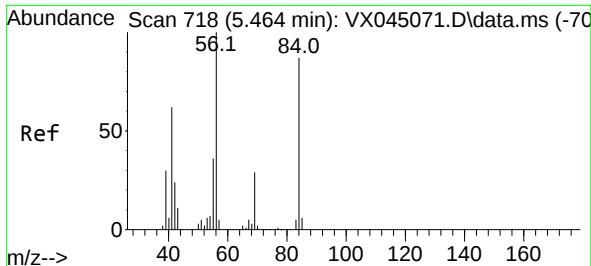
Tgt Ion: 43 Resp: 1129

Ion Ratio Lower Upper

43 100

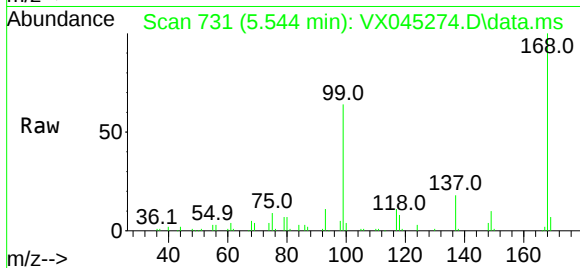
58 27.3 24.2 36.4



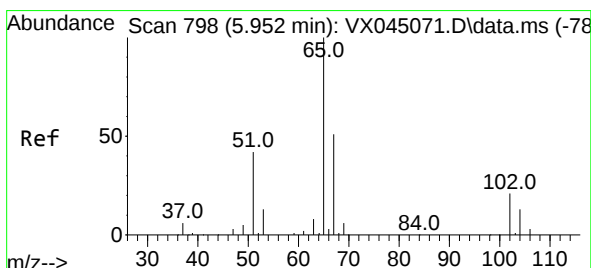
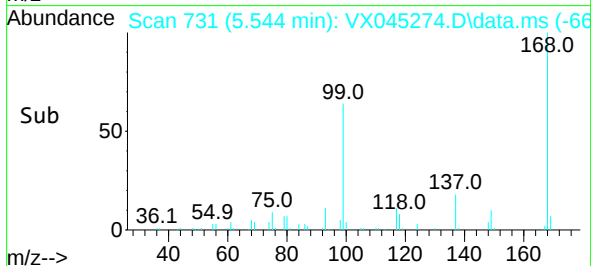
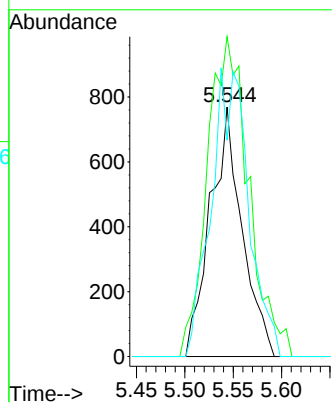


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

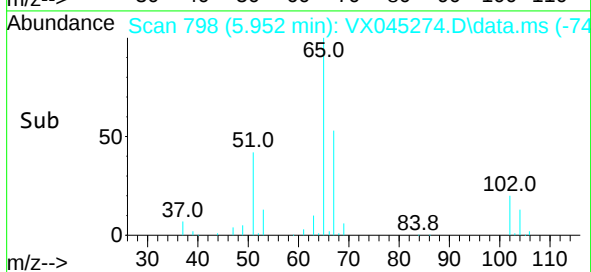
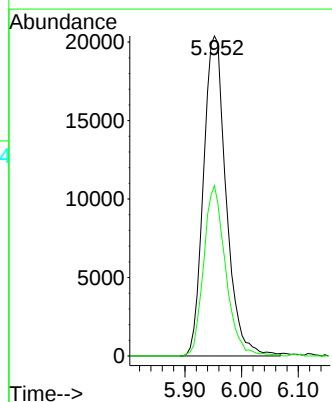
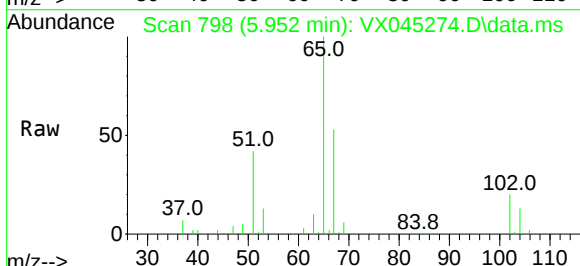


Tgt Ion: 56 Resp: 1761
Ion Ratio Lower Upper
56 100
69 128.2 23.4 35.2#
84 86.7 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 55.454 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion: 65 Resp: 56647
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2

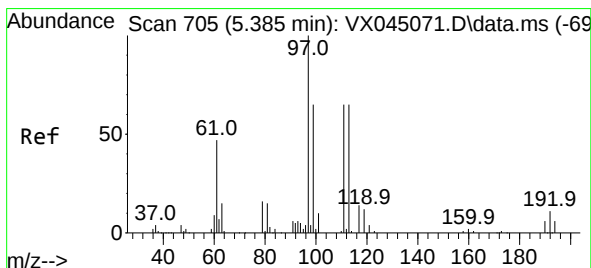
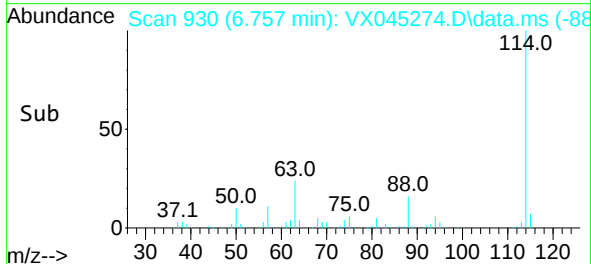
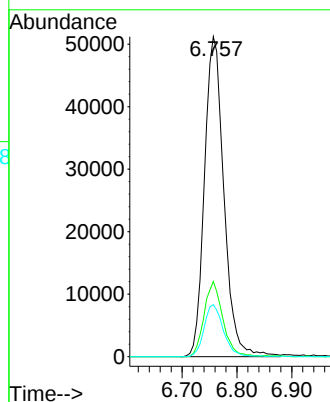
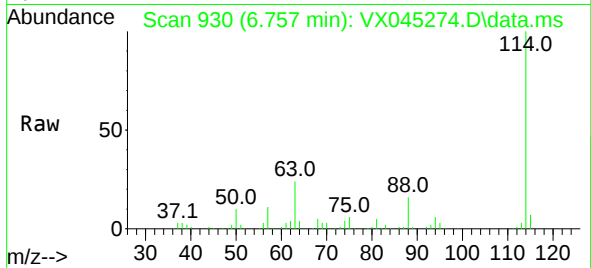




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

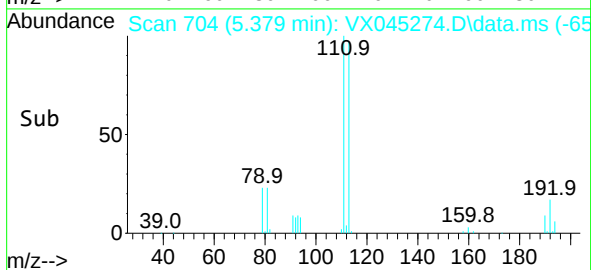
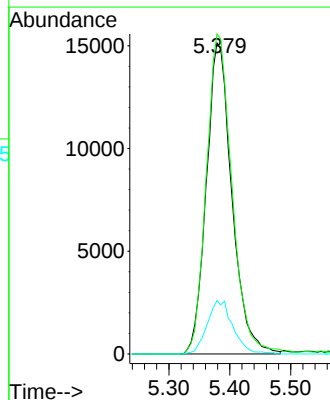
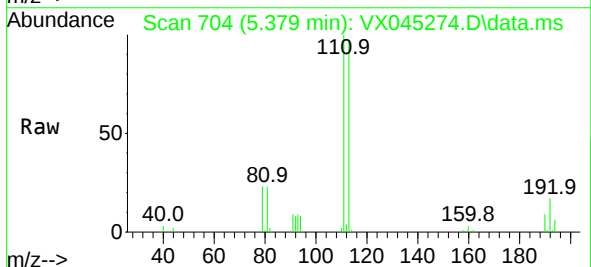
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

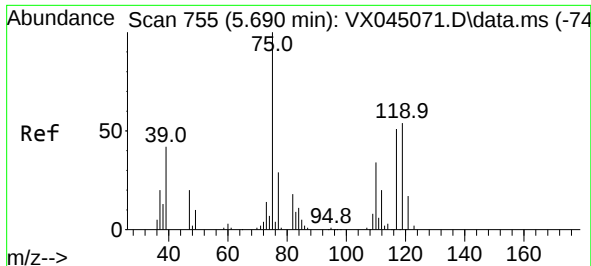
Tgt Ion:114 Resp: 125900
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.458 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion:113 Resp: 44162
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.4 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.153 min

Lab File: VX045274.D

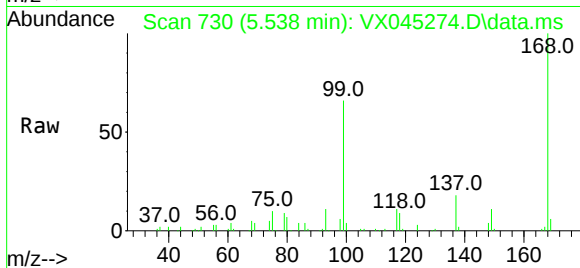
Acq: 13 Mar 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01D-20250311



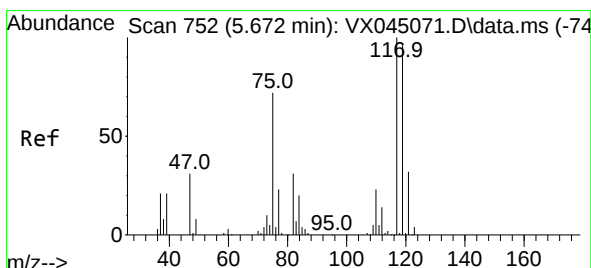
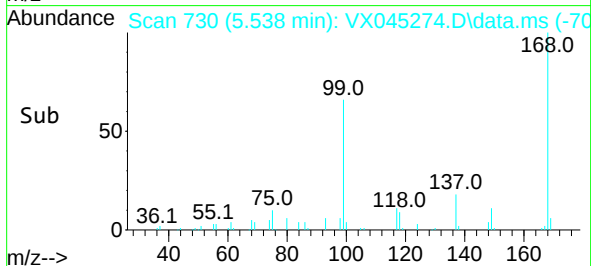
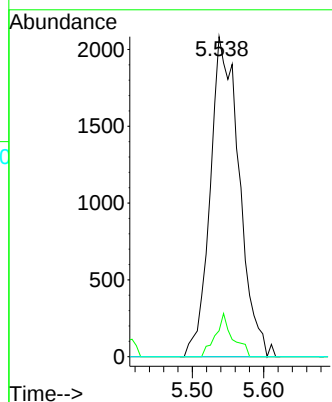
Tgt Ion: 75 Resp: 5876

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.050 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045274.D

Acq: 13 Mar 2025 17:06

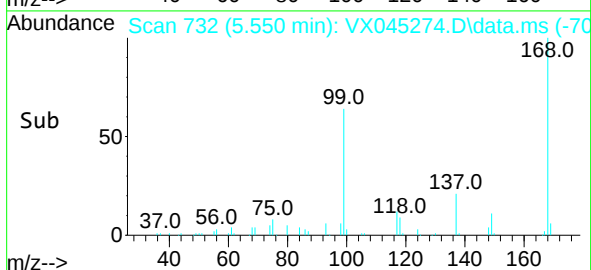
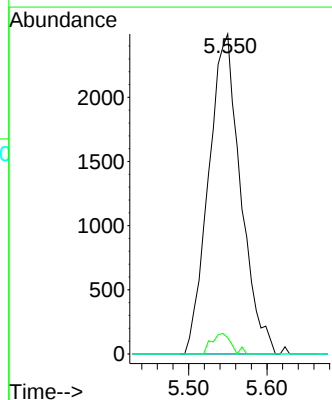
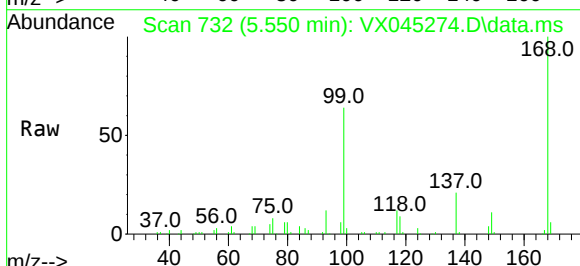
Tgt Ion: 117 Resp: 7091

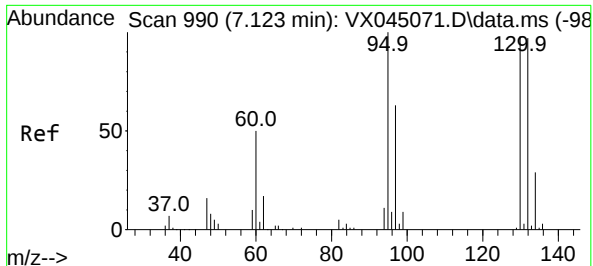
Ion Ratio Lower Upper

117 100

119 5.1 76.7 115.1#

121 0.0 25.5 38.3#

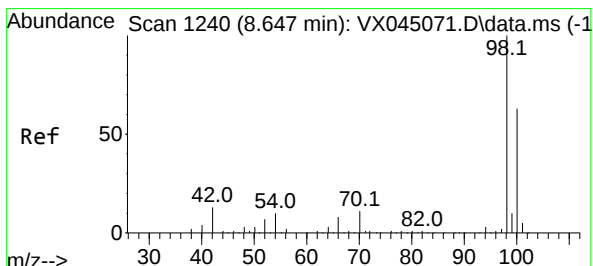
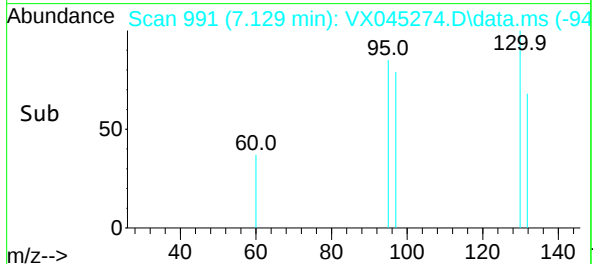
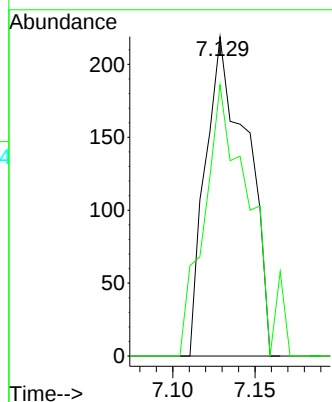
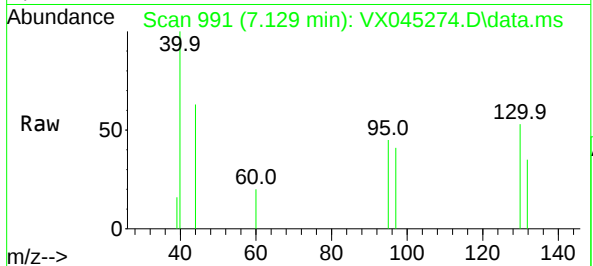




#44
Trichloroethene
Concen: 0.451 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

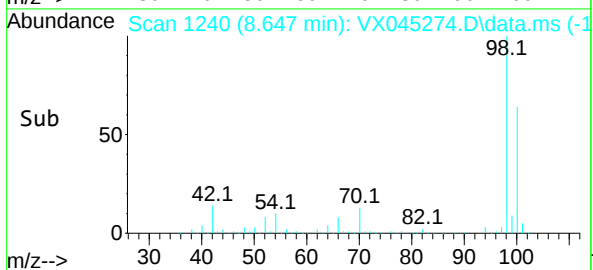
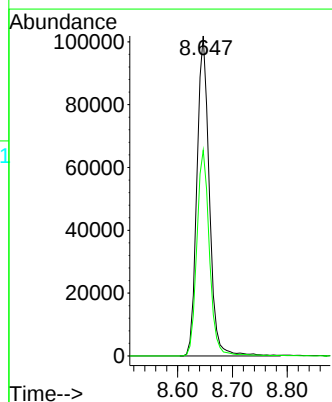
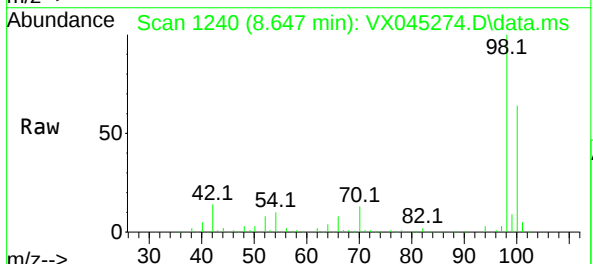
Instrument :
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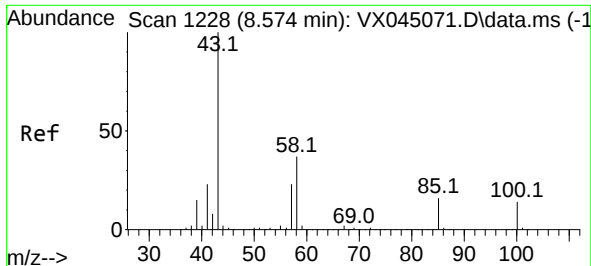
Tgt Ion:130 Resp: 386
Ion Ratio Lower Upper
130 100
95 84.9 0.0 205.0



#50
Toluene-d8
Concen: 52.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion: 98 Resp: 160903
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

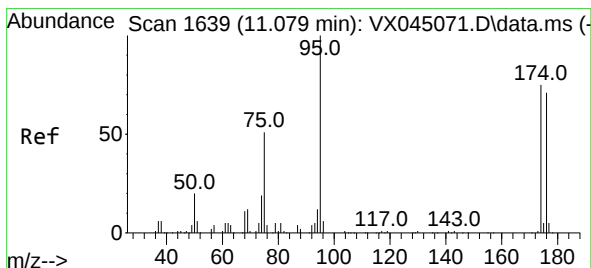
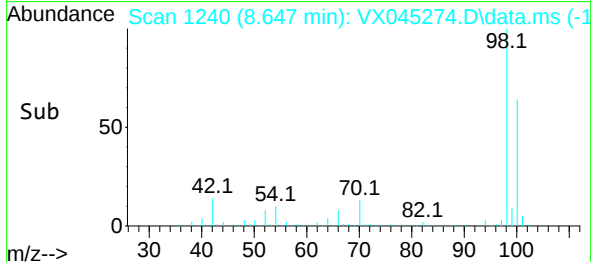
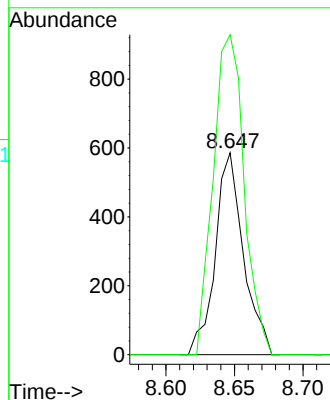
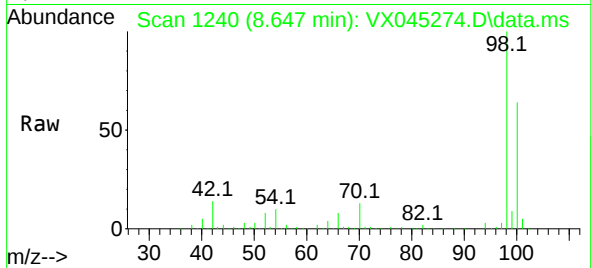




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

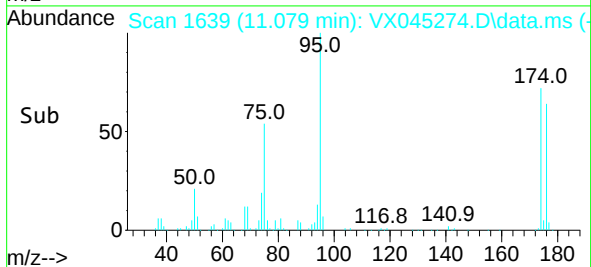
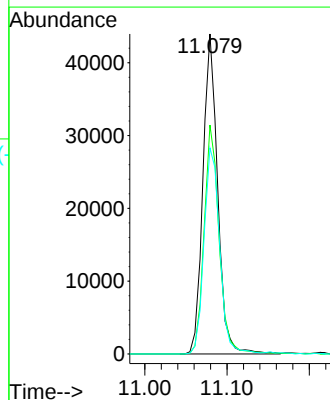
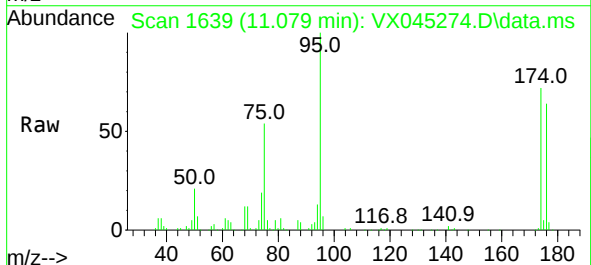
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

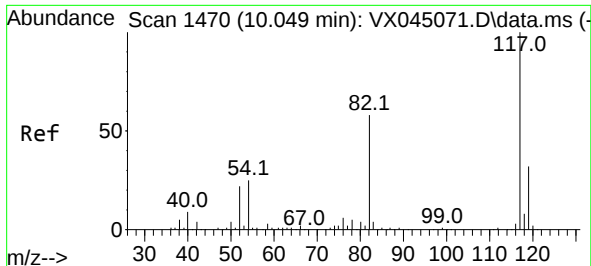
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 174.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion: 95 Resp: 54947
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.2
176 68.1 0.0 141.4

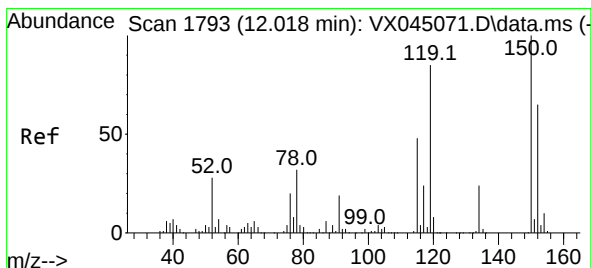
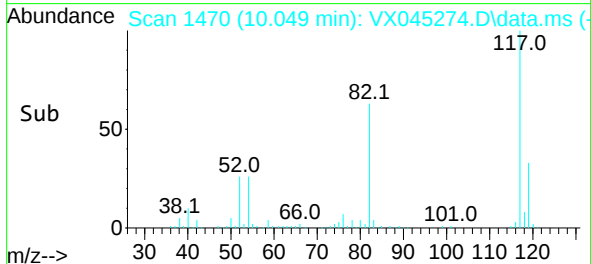
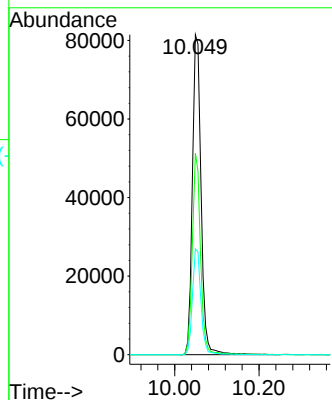
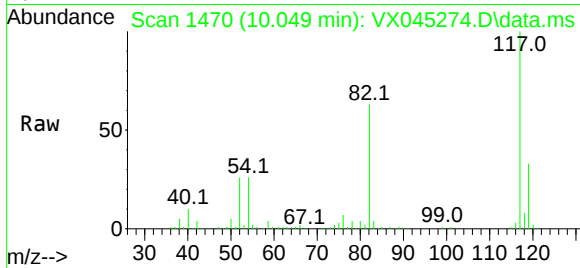




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

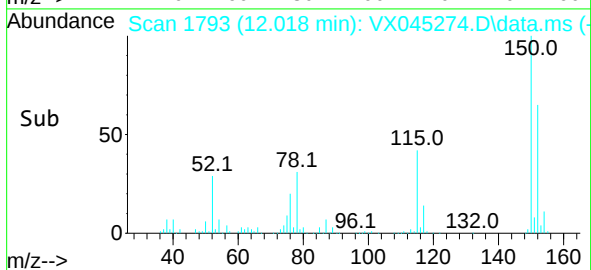
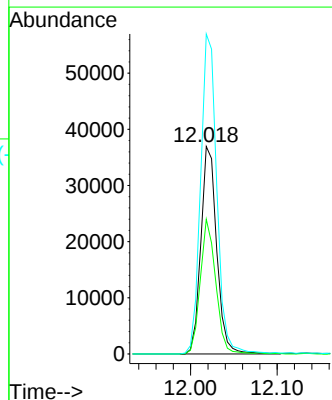
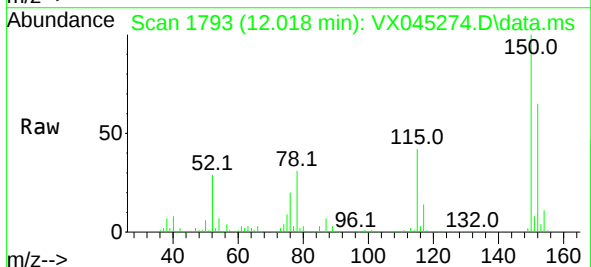
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

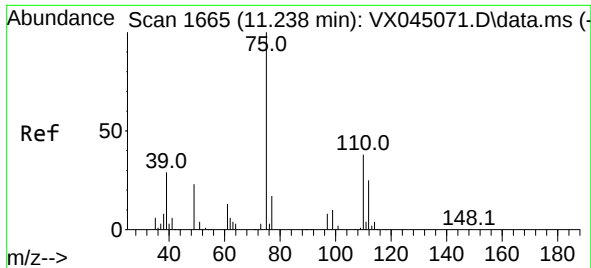
Tgt Ion:117 Resp: 116990
Ion Ratio Lower Upper
117 100
82 63.0 46.3 69.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion:152 Resp: 47072
Ion Ratio Lower Upper
152 100
115 63.0 44.2 132.6
150 157.0 0.0 349.0

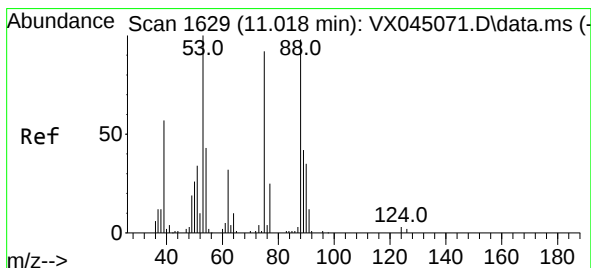
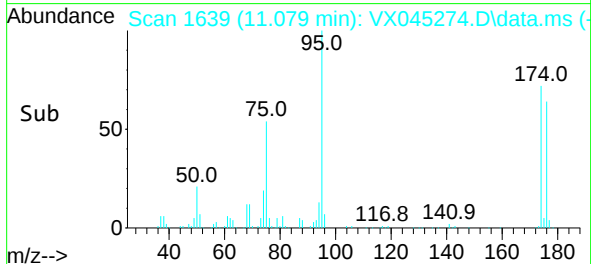
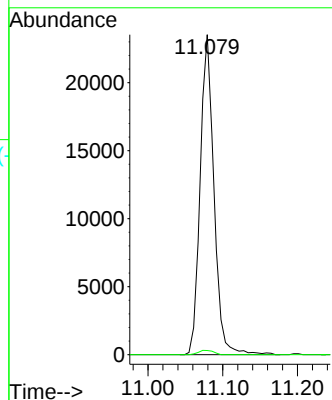
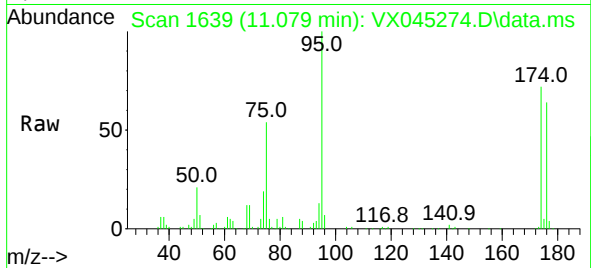




#76
1,2,3-Trichloropropane
Concen: 27.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01D-20250311

Tgt Ion: 75 Resp: 30154
Ion Ratio Lower Upper
75 100
77 1.5 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045274.D
Acq: 13 Mar 2025 17:06

Tgt Ion: 75 Resp: 30154
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#

