

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045231.D
 Acq On : 11 Mar 2025 17:52
 Operator : JC/MD
 Sample : Q1531-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307

Quant Time: Mar 12 01:53:11 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)

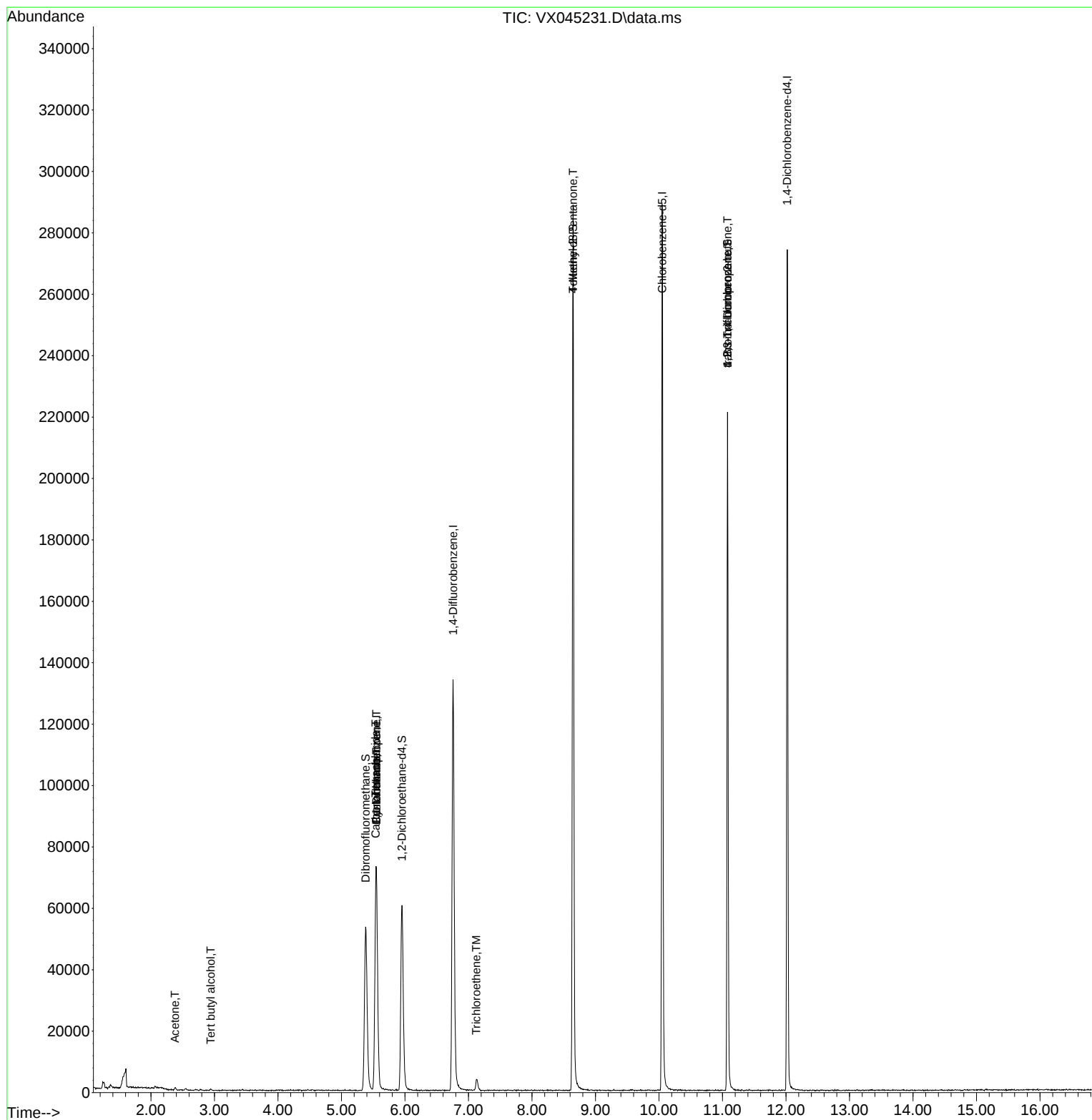
Internal Standards						
1) Pentafluorobenzene	5.550	168	67445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59050	55.042	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.080%
35) Dibromofluoromethane	5.379	113	46750	52.828	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	8.647	98	166571	51.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	11.079	95	56400	53.051	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	74	0.364	ug/l #	73
16) Acetone	2.380	43	892	1.792	ug/l #	88
31) Cyclohexane	5.550	56	1762	1.207	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	6144	5.063	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7117	5.776	ug/l #	16
44) Trichloroethene	7.123	130	1588	1.765	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	887	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31450	26.045	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31450	89.132	ug/l #	6

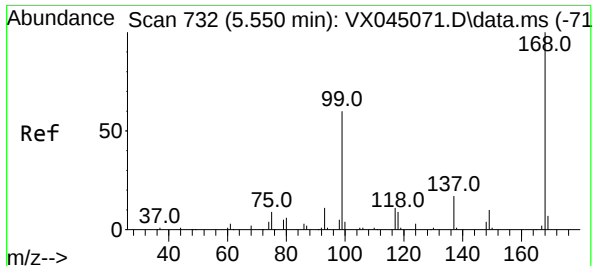
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045231.D
Acq On : 11 Mar 2025 17:52
Operator : JC/MD
Sample : Q1531-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

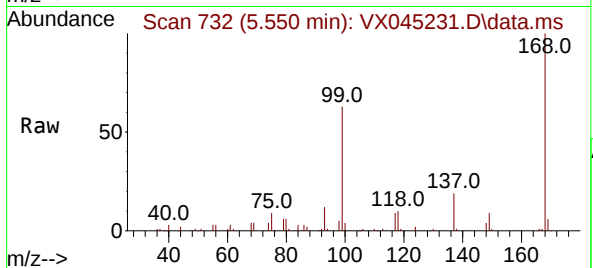
Quant Time: Mar 12 01:53:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



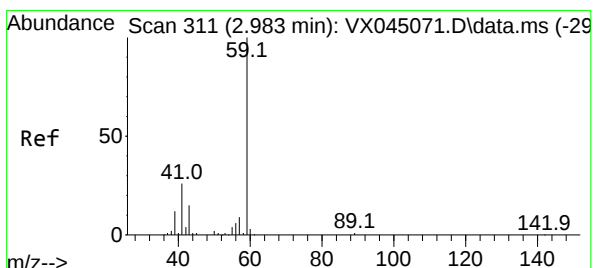
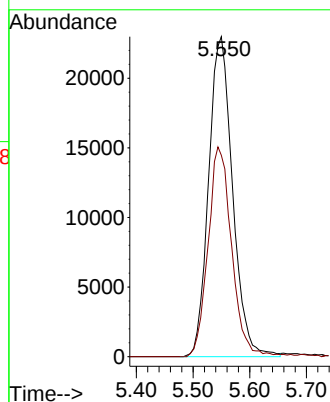
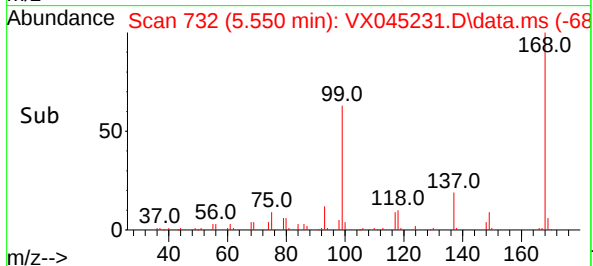


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

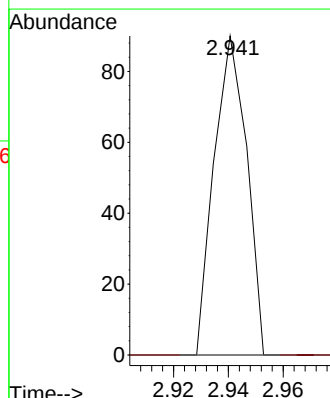
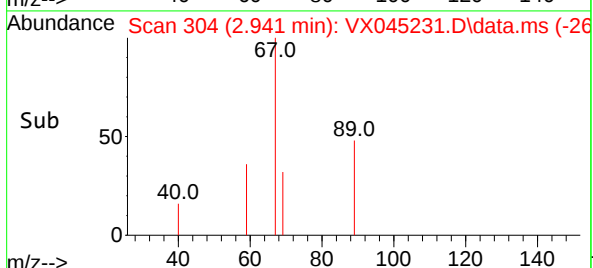
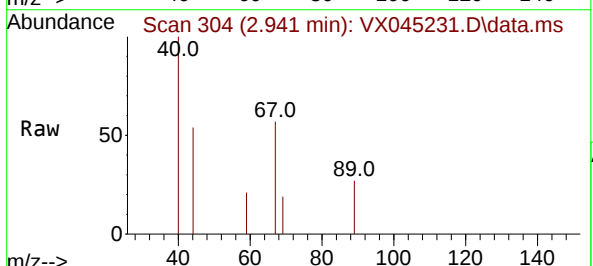


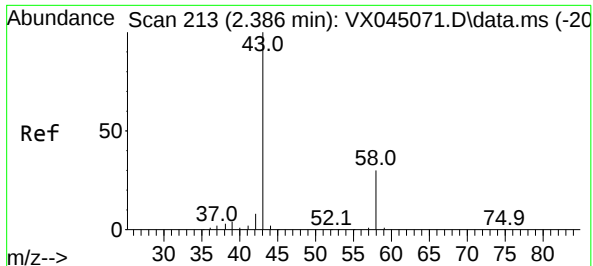
Tgt Ion:168 Resp: 67445
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.364 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

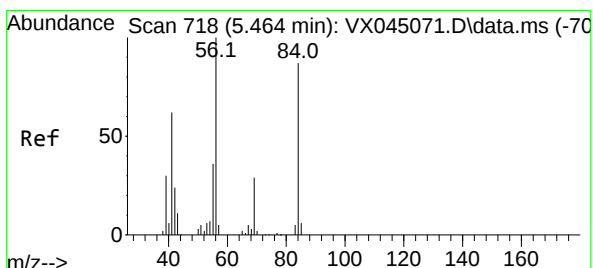
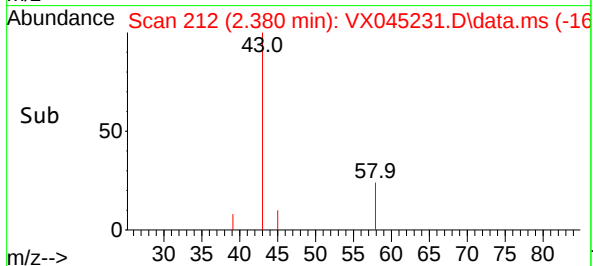
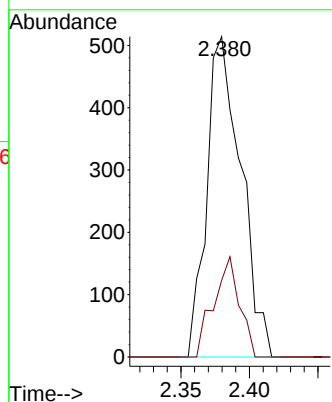
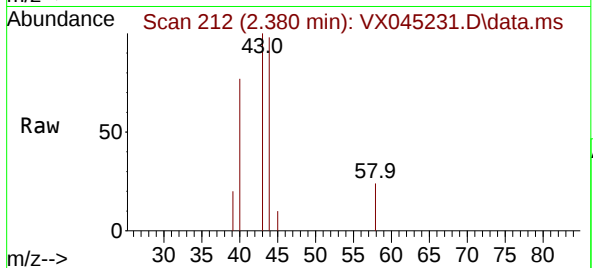




#16
Acetone
Concen: 1.792 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

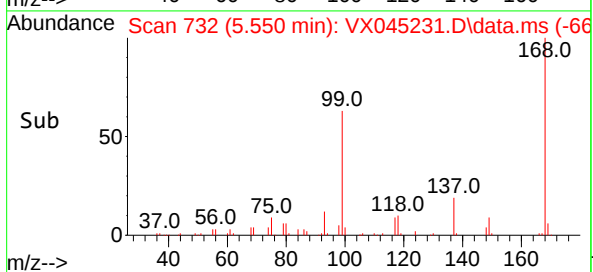
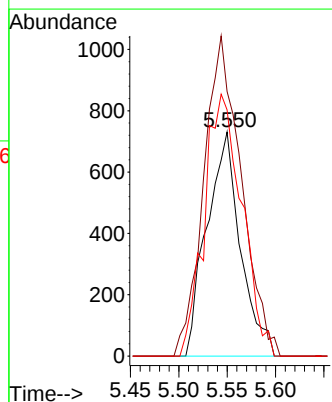
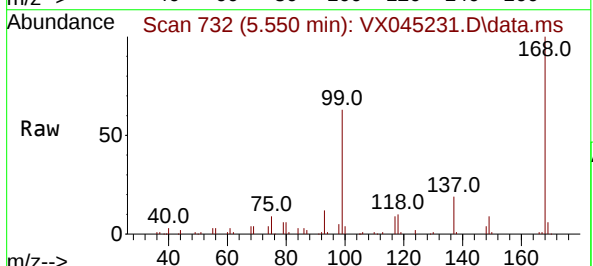
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

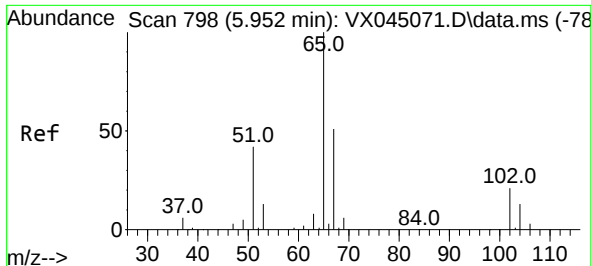
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 23.9 24.2 36.4#



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 56 Resp: 1762
Ion Ratio Lower Upper
56 100
69 118.1 23.4 35.2#
84 109.8 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 55.042 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045231.D

Acq: 11 Mar 2025 17:52

Instrument :

MSVOA_X

ClientSampleId :

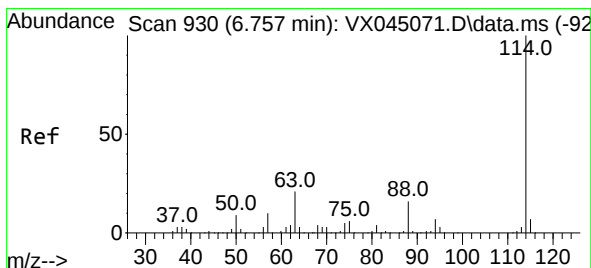
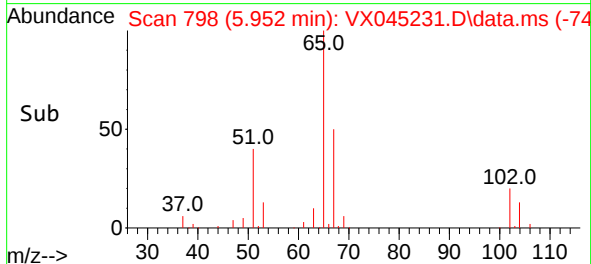
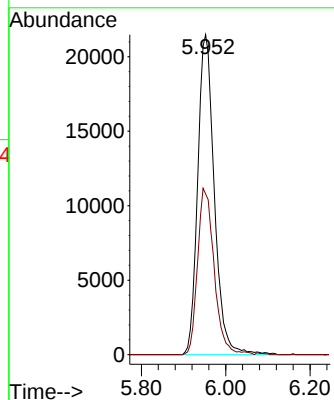
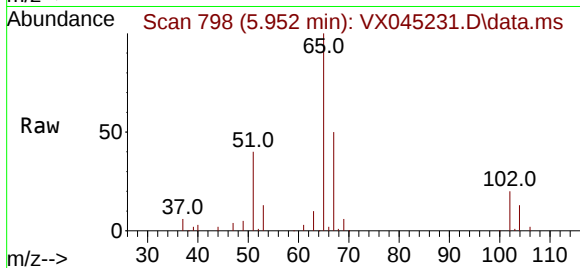
RE104D3-20250307

Tgt Ion: 65 Resp: 59050

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045231.D

Acq: 11 Mar 2025 17:52

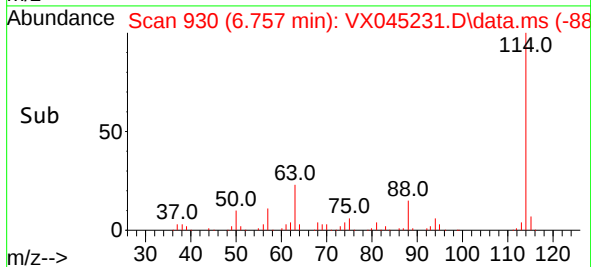
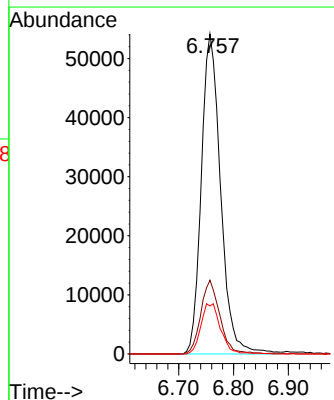
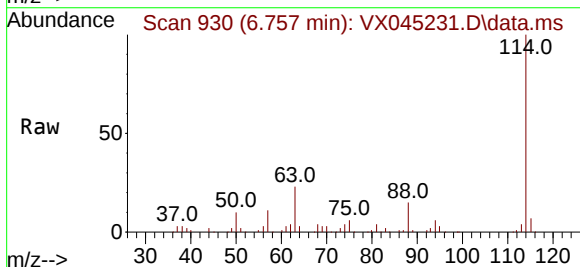
Tgt Ion: 114 Resp: 132344

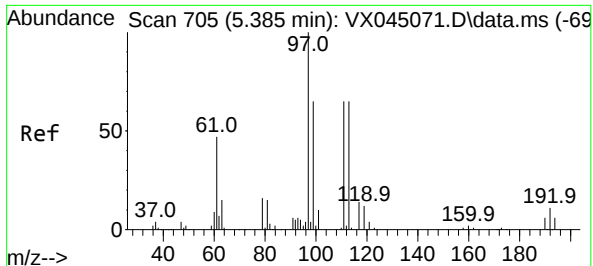
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 15.0 0.0 32.8

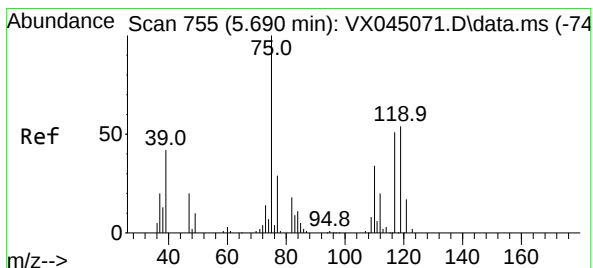
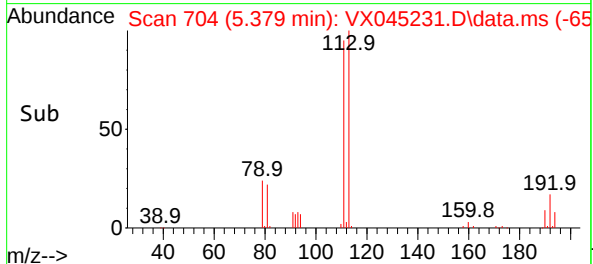
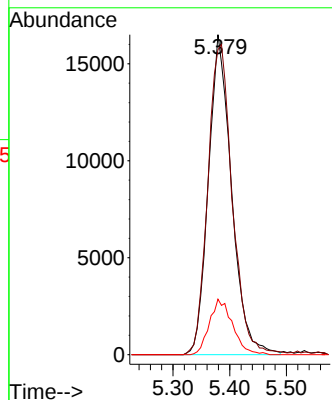
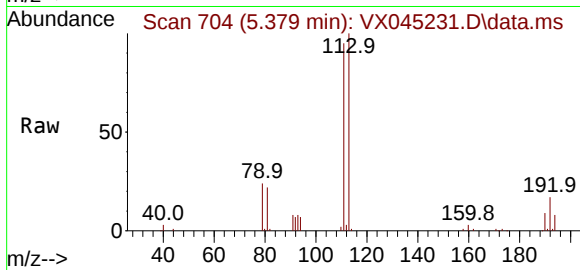




#35
Dibromofluoromethane
Concen: 52.828 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

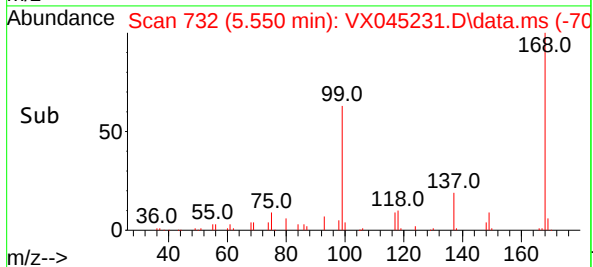
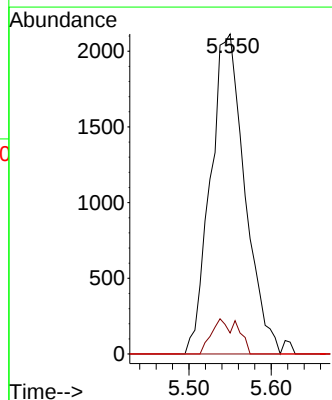
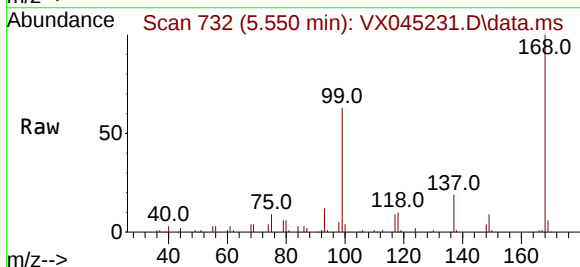
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

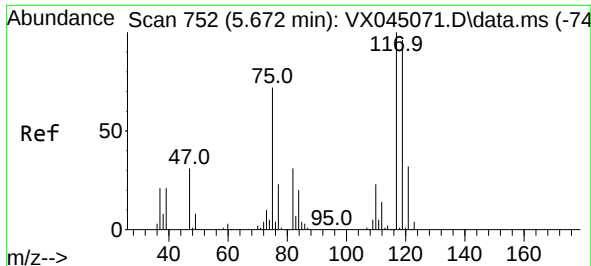
Tgt Ion:	113	Resp:	46750
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	17.4	14.3	21.5



#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

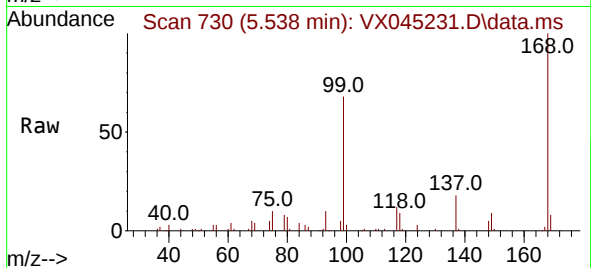
Tgt Ion:	75	Resp:	6144
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.9	50.6#
77	0.0	24.5	36.7#



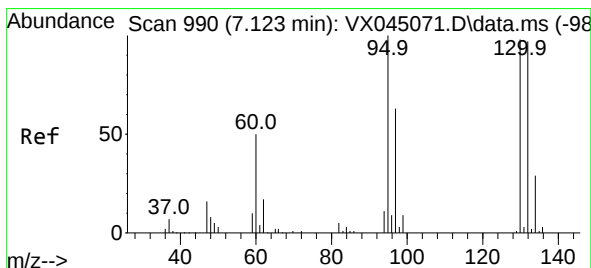
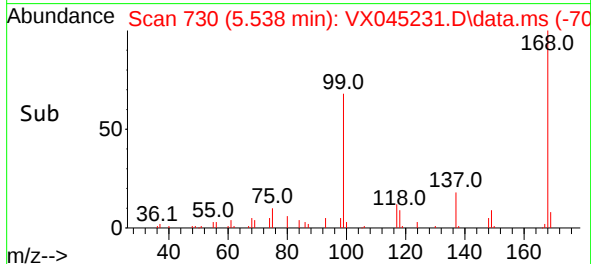
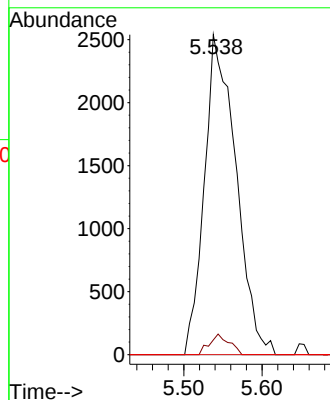


#38
Carbon Tetrachloride
Concen: 5.776 ug/l
RT: 5.538 min Scan# 7117
Delta R.T. -0.134 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

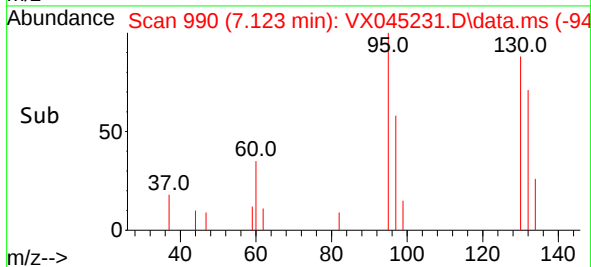
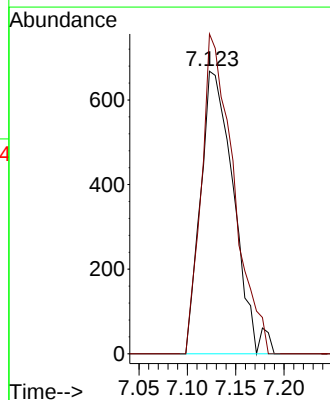
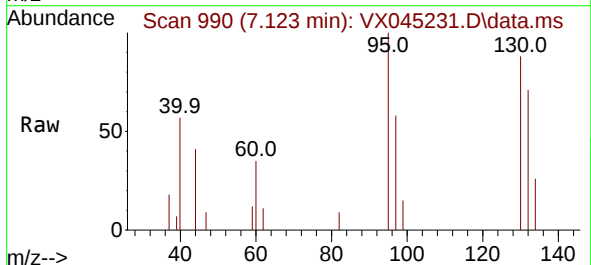


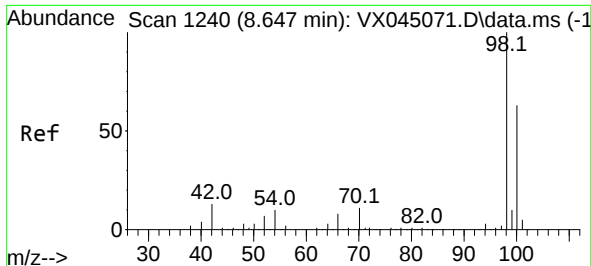
Tgt Ion:117 Resp: 7117
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 1.765 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Tgt Ion:130 Resp: 1588
Ion Ratio Lower Upper
130 100
95 113.2 0.0 205.0

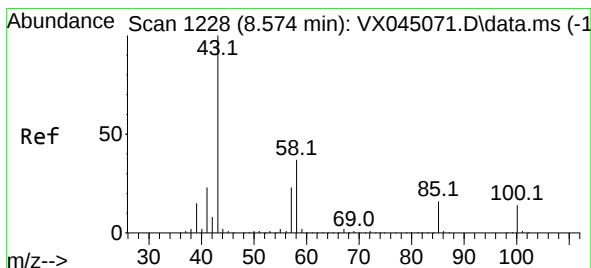
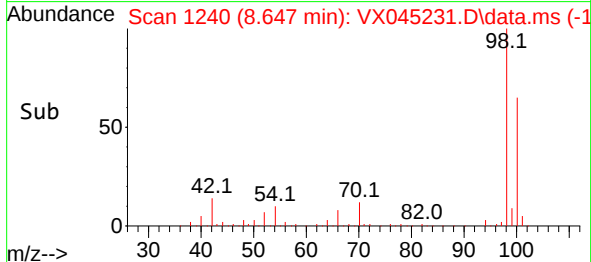
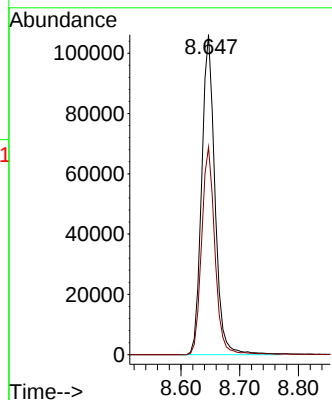
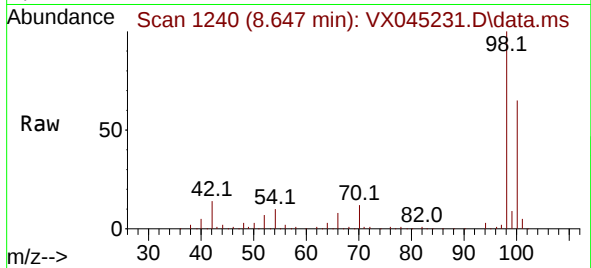




#50
Toluene-d8
Concen: 51.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

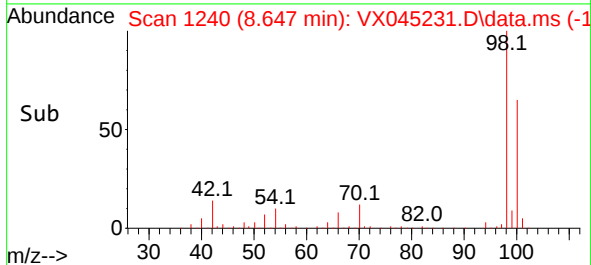
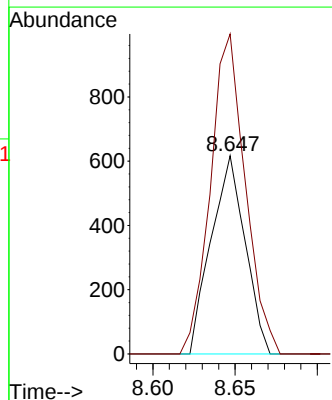
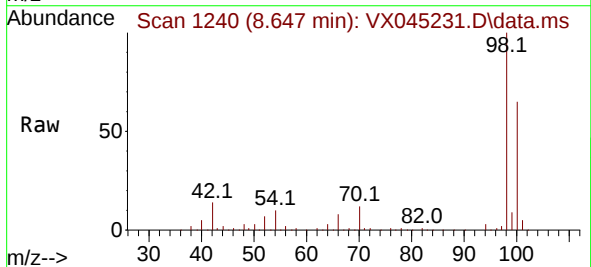
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

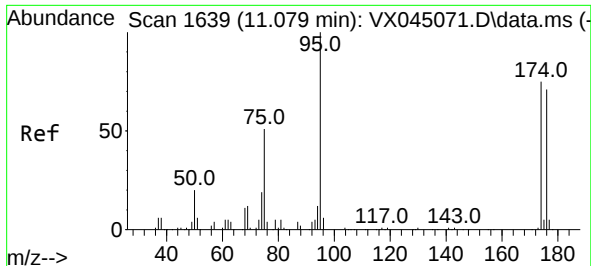
Tgt Ion: 98 Resp: 166571
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 165.5 29.2 43.8#

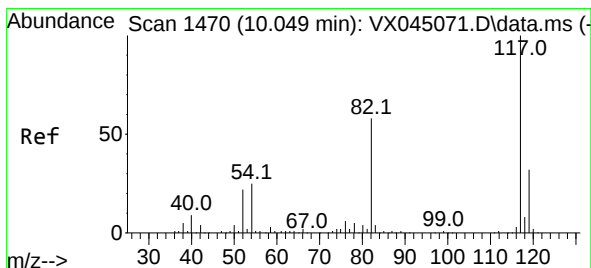
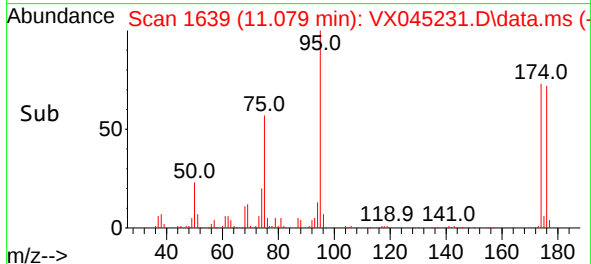
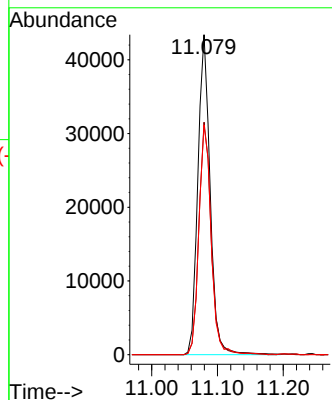
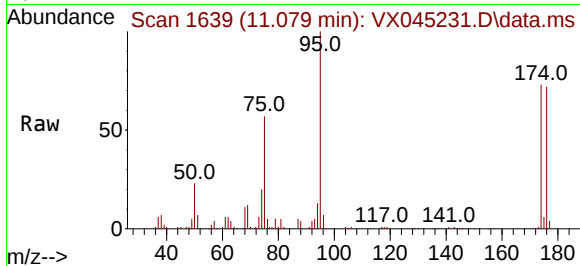




#62
4-Bromofluorobenzene
Concen: 53.051 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

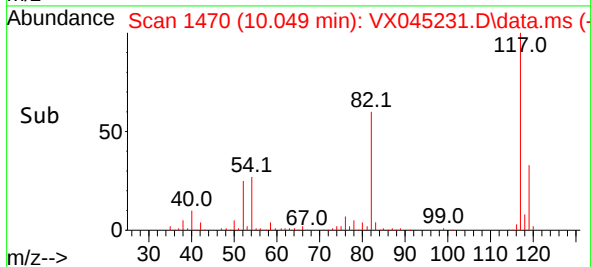
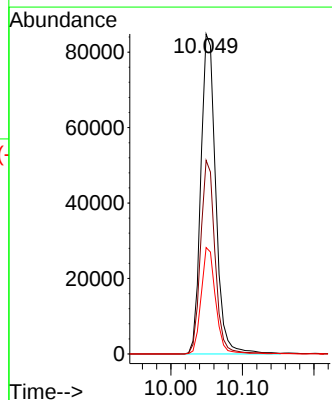
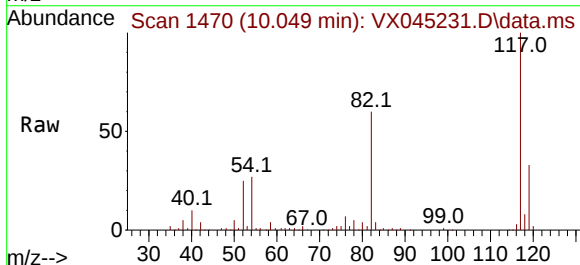
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

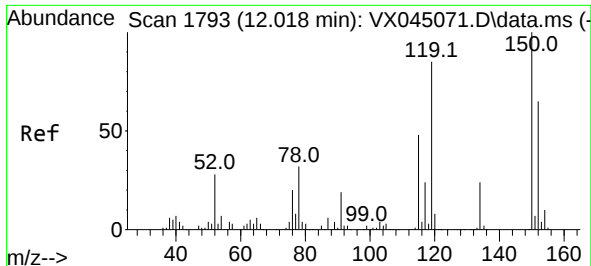
Tgt Ion: 95 Resp: 56400
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.2
176 71.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045231.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 117 Resp: 122564
Ion Ratio Lower Upper
117 100
82 60.5 46.3 69.5
119 33.3 25.7 38.5

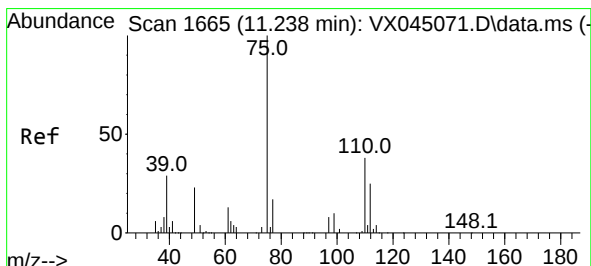
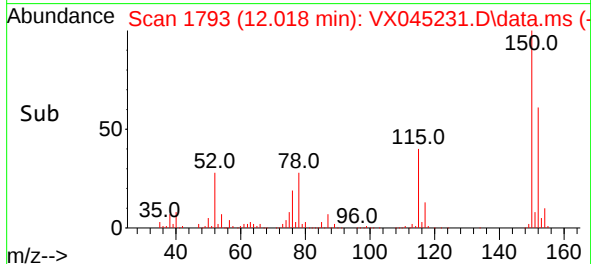
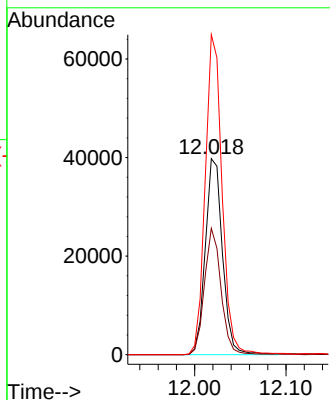
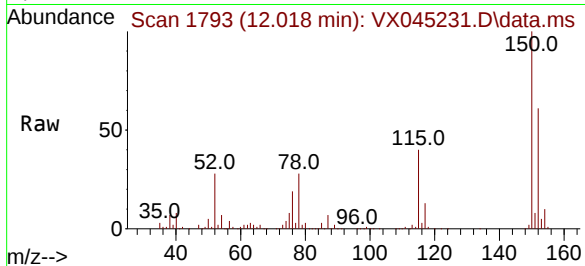




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045231.D
 Acq: 11 Mar 2025 17:52

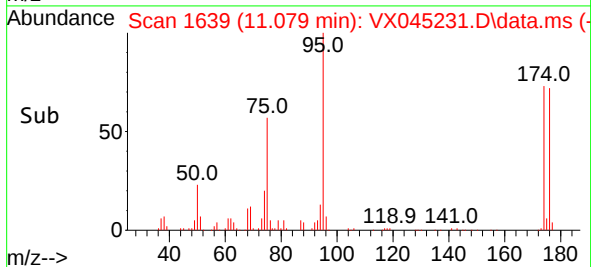
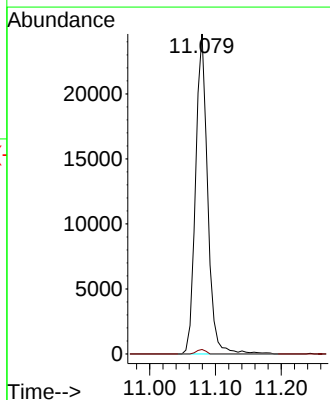
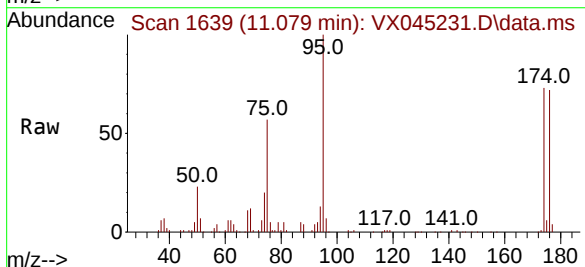
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307

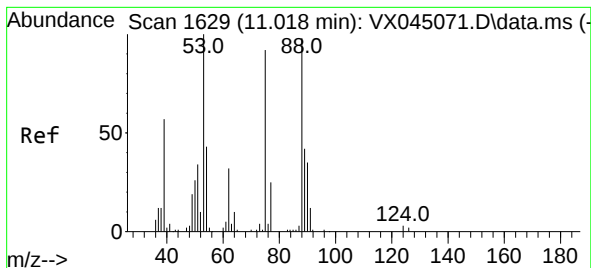
Tgt Ion:152 Resp: 51880
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.2 132.6
 150 160.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.045 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045231.D
 Acq: 11 Mar 2025 17:52

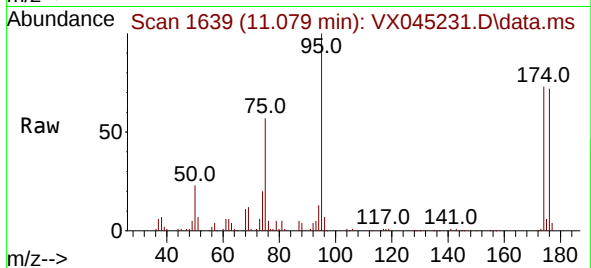
Tgt Ion: 75 Resp: 31450
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.132 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX045231.D
 Acq: 11 Mar 2025 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307



Tgt Ion: 75 Resp: 31450
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

