

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045252.D
 Acq On : 12 Mar 2025 16:31
 Operator : JC/MD
 Sample : Q1531-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307

Quant Time: Mar 13 01:44:01 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)

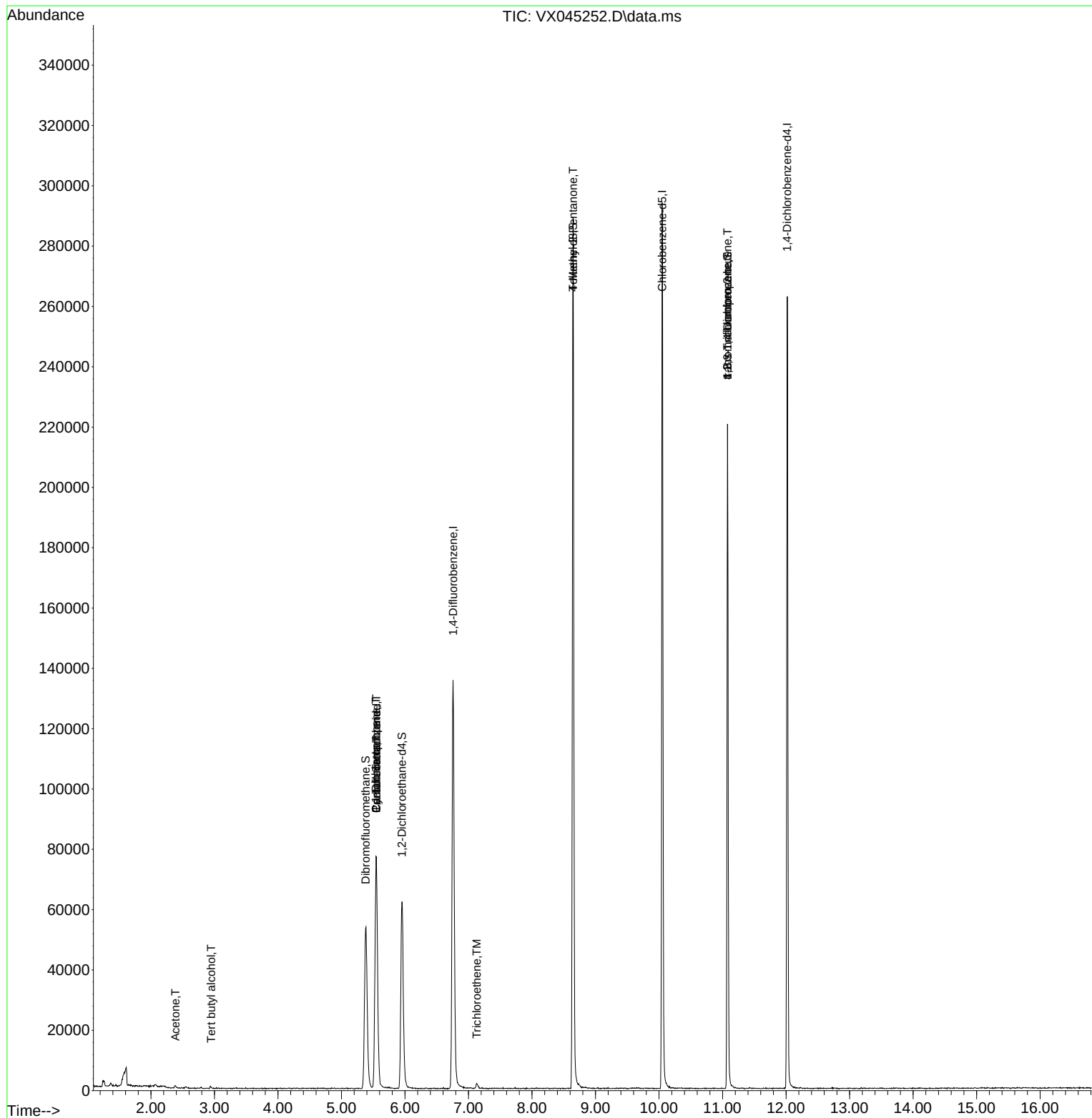
Internal Standards						
1) Pentafluorobenzene	5.550	168	69603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60712	54.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.680%			
35) Dibromofluoromethane	5.379	113	47648	52.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	168816	51.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.079	95	55671	51.175	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	157	0.749	ug/l #	73
16) Acetone	2.386	43	901	1.754	ug/l	97
31) Cyclohexane	5.550	56	1772	1.176	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6278	5.055	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7535	5.976	ug/l #	16
44) Trichloroethene	7.129	130	721	0.783	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	985	0.620	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31278	26.789	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31278	91.677	ug/l #	6

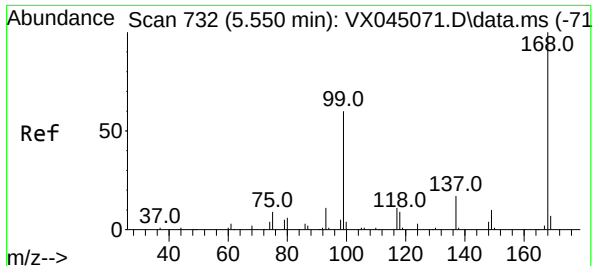
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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RE104D3-20250307

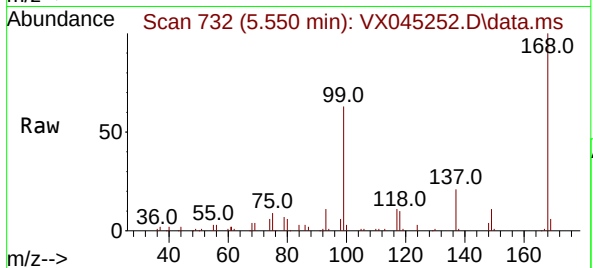
Quant Time: Mar 13 01:44:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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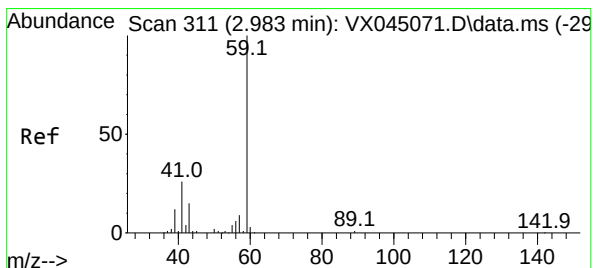
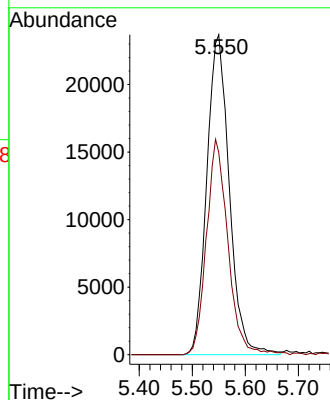
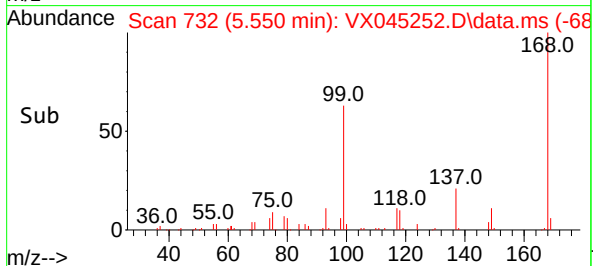


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

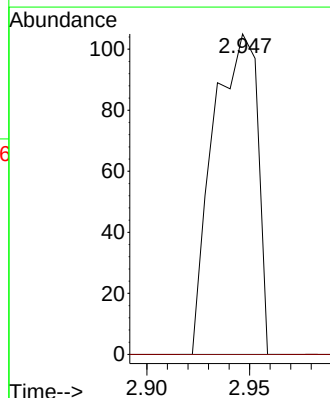
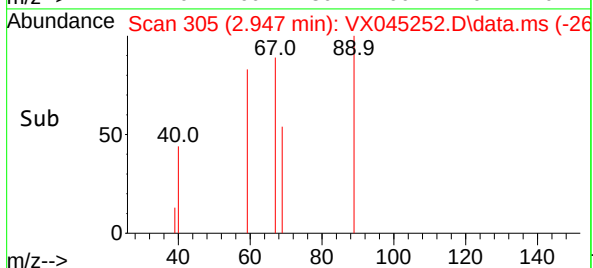
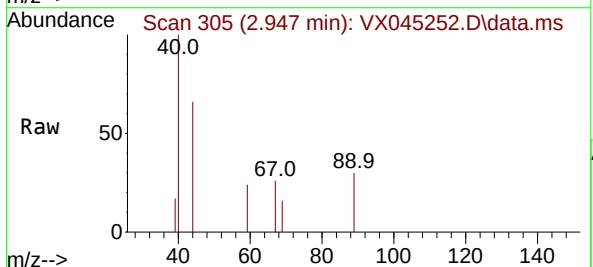


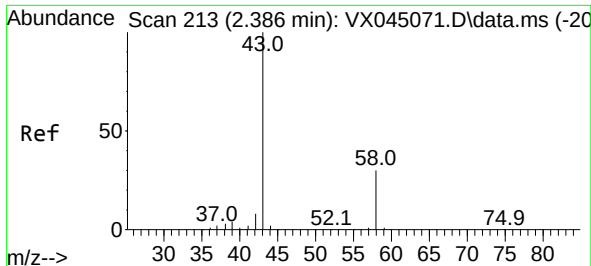
Tgt Ion:168 Resp: 69603
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.749 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

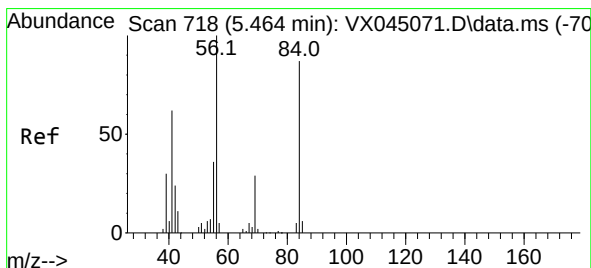
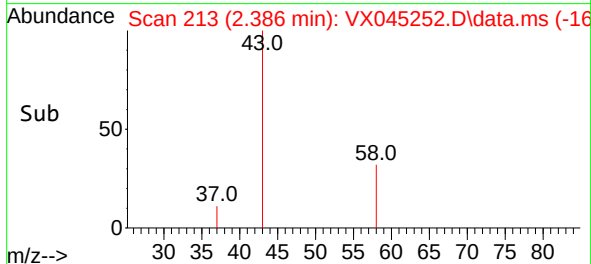
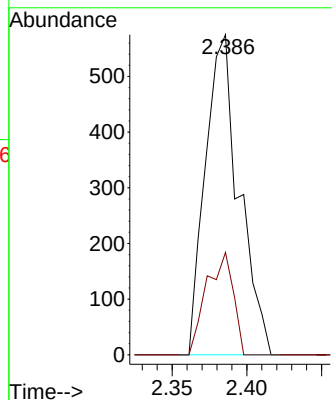
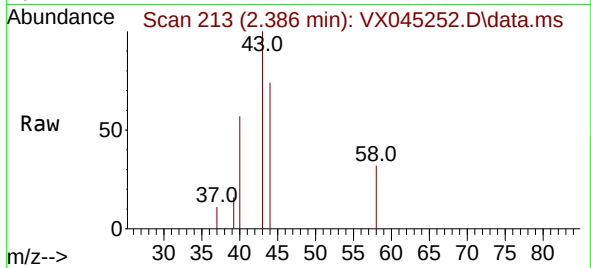




#16
Acetone
Concen: 1.754 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

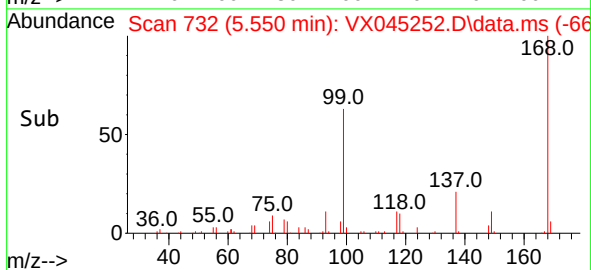
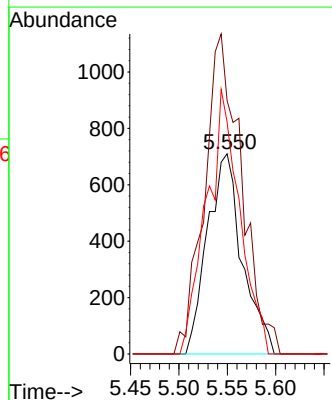
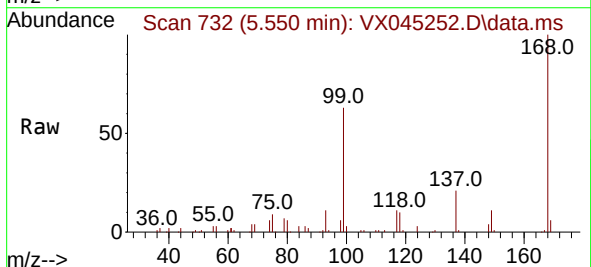
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

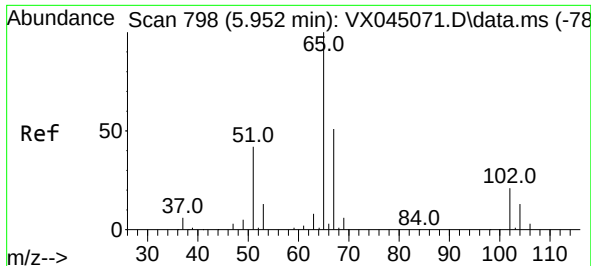
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.4



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Tgt Ion: 56 Resp: 1772
Ion Ratio Lower Upper
56 100
69 126.6 23.4 35.2#
84 115.9 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.837 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045252.D

Acq: 12 Mar 2025 16:31

Instrument :

MSVOA_X

ClientSampleId :

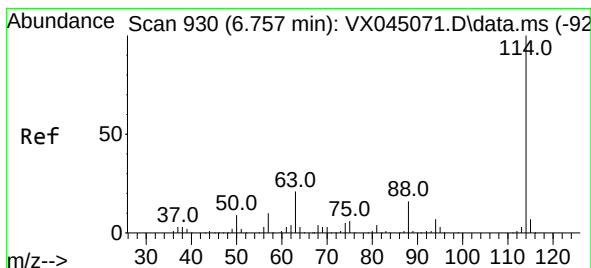
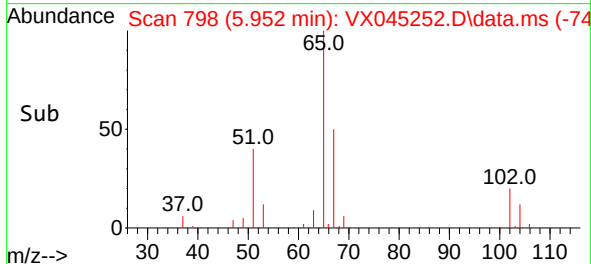
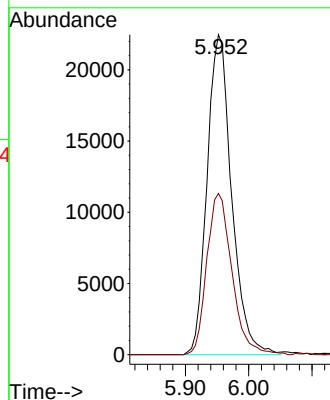
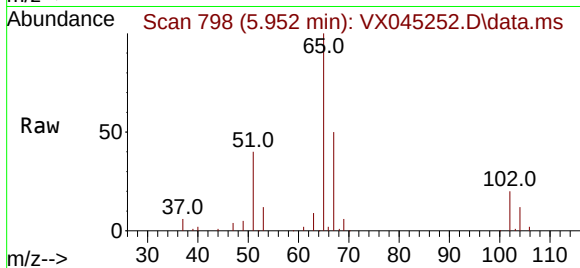
RE104D3-20250307

Tgt Ion: 65 Resp: 60712

Ion Ratio Lower Upper

65 100

67 51.5 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: VX045252.D

Acq: 12 Mar 2025 16:31

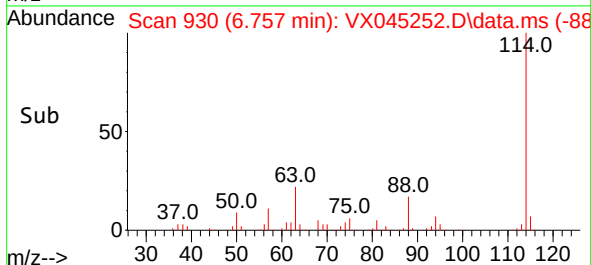
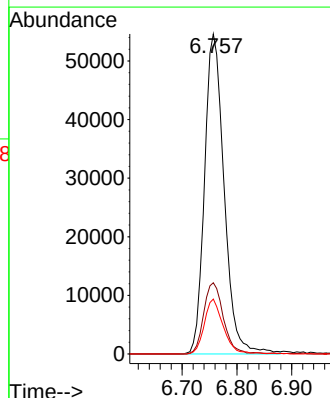
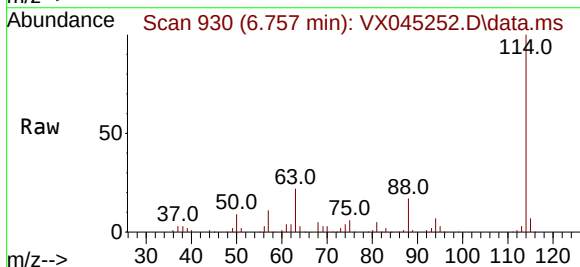
Tgt Ion: 114 Resp: 135424

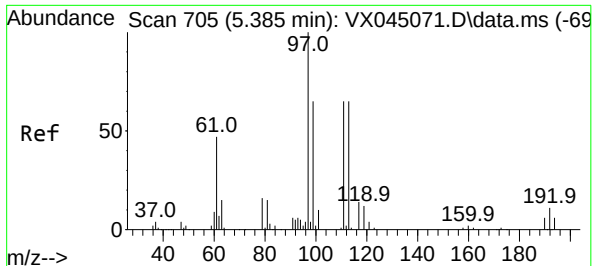
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.618 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045252.D

Acq: 12 Mar 2025 16:31

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20250307

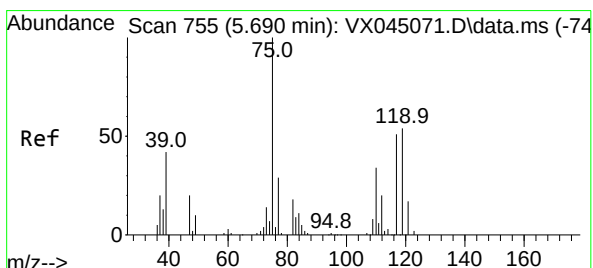
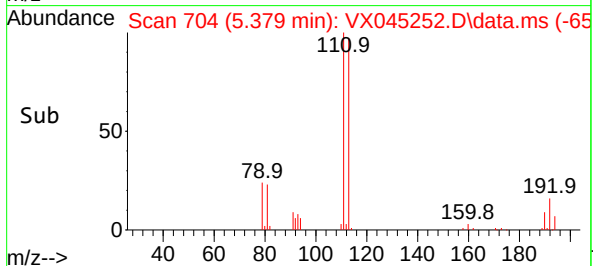
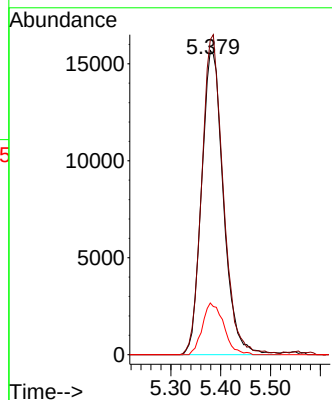
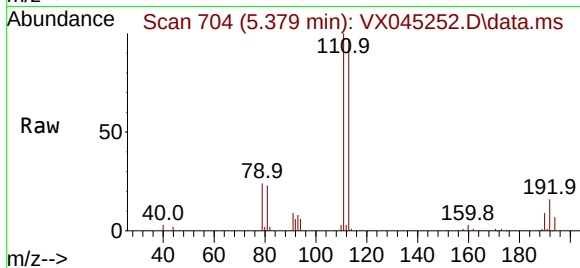
Tgt Ion:113 Resp: 47648

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045252.D

Acq: 12 Mar 2025 16:31

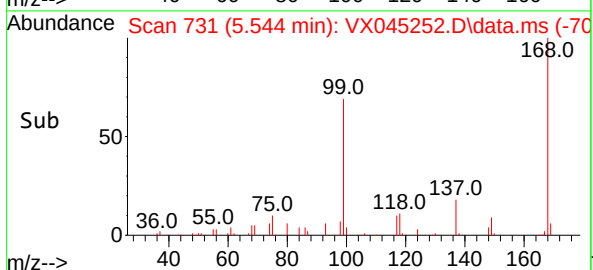
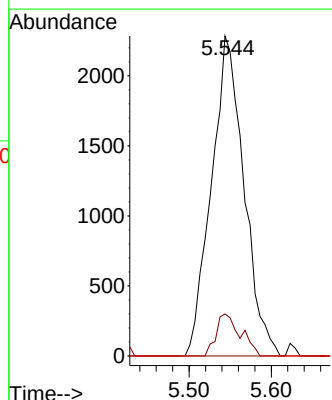
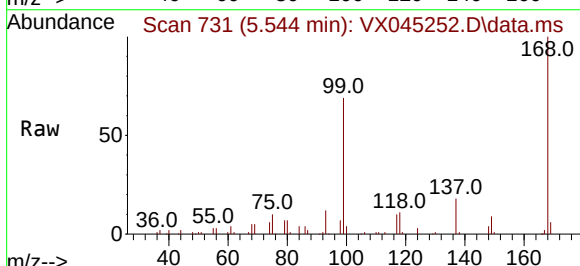
Tgt Ion: 75 Resp: 6278

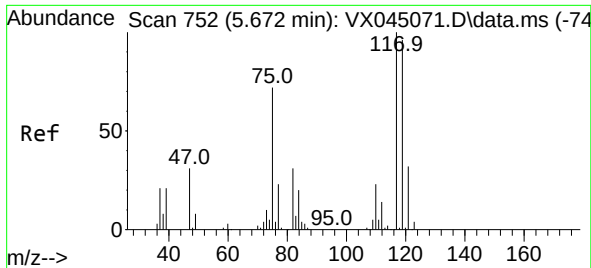
Ion Ratio Lower Upper

75 100

110 9.8 16.9 50.6#

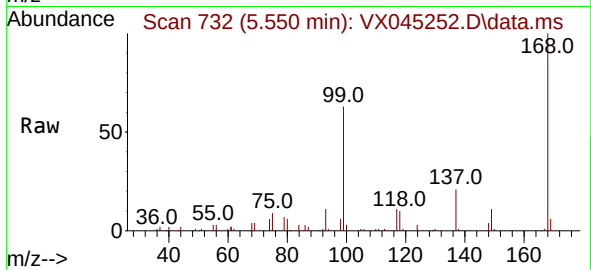
77 0.0 24.5 36.7#



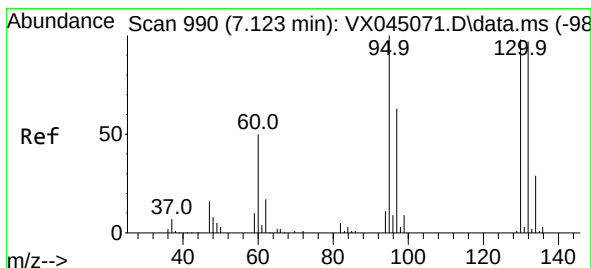
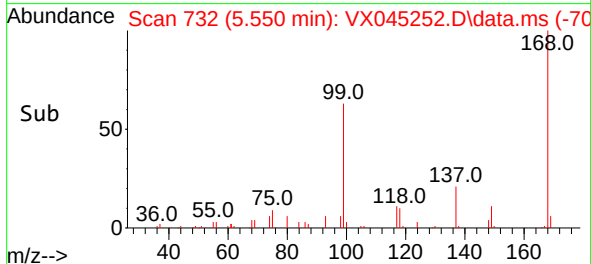
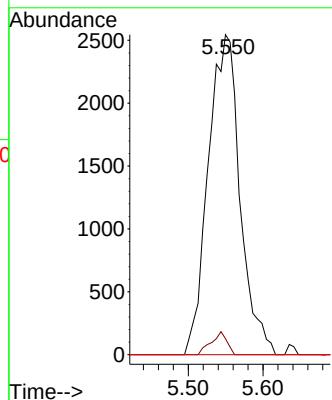


#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

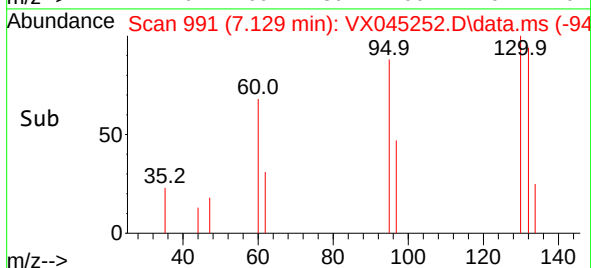
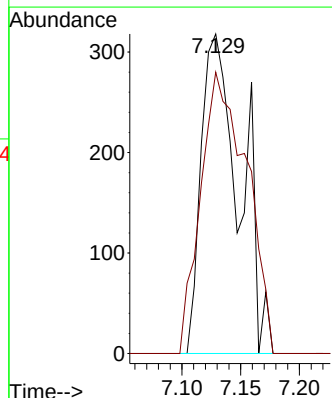
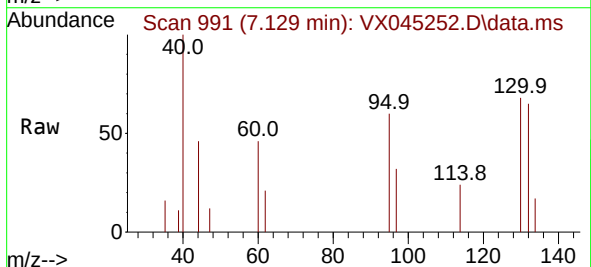


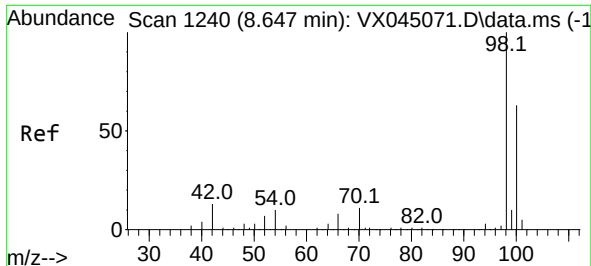
Tgt Ion:117 Resp: 7535
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 0.783 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Tgt Ion:130 Resp: 721
Ion Ratio Lower Upper
130 100
95 88.1 0.0 205.0

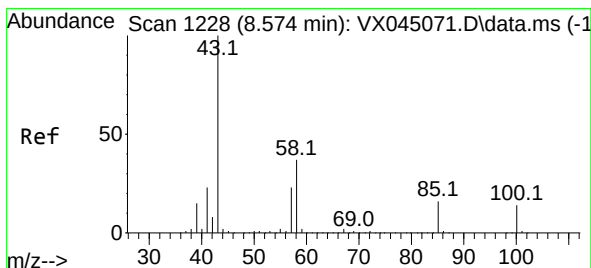
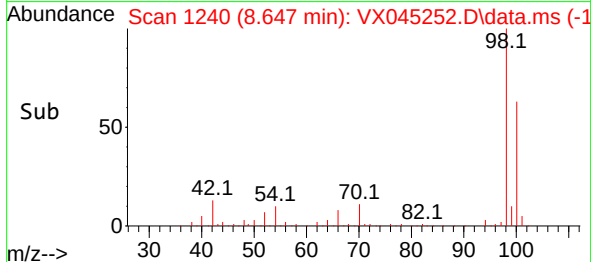
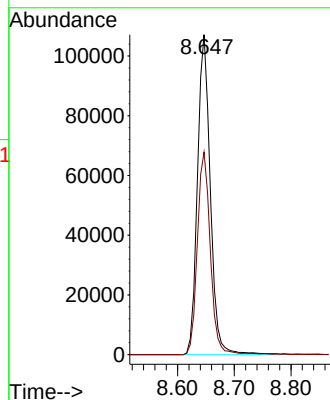
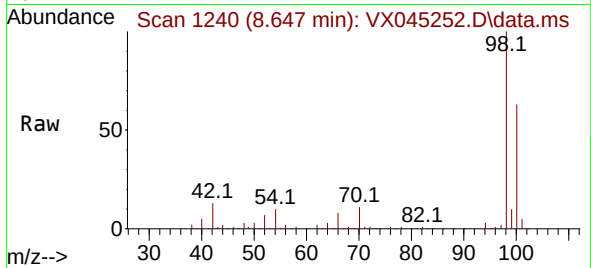




#50
Toluene-d8
Concen: 51.423 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

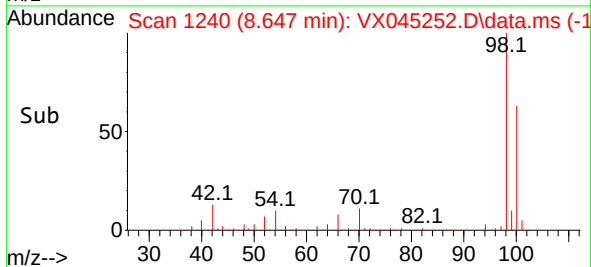
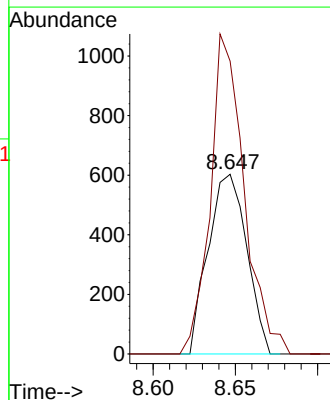
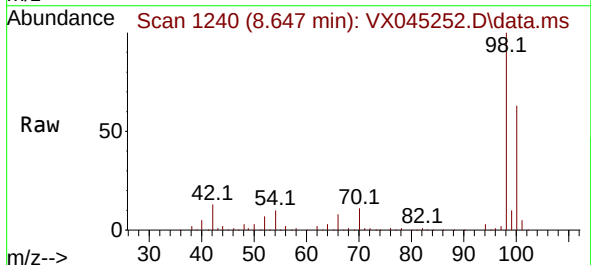
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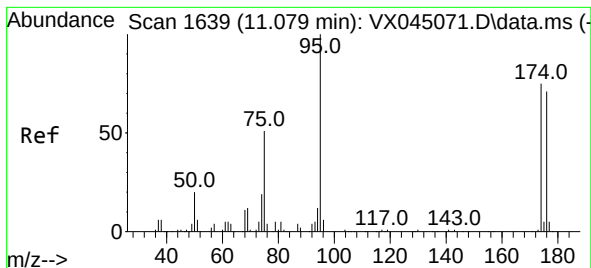
Tgt Ion: 98 Resp: 168816
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 155.8 29.2 43.8#

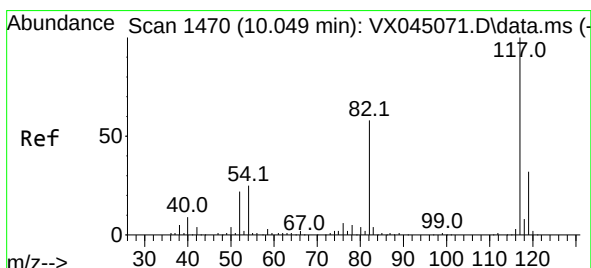
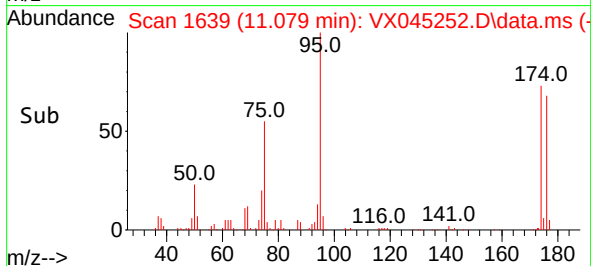
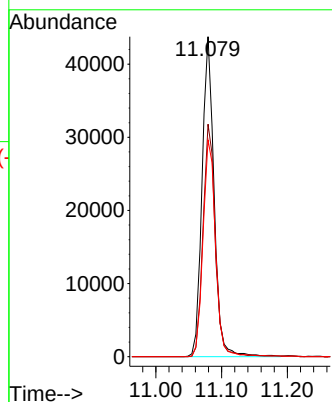
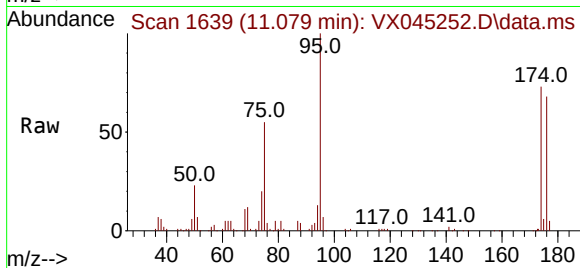




#62
4-Bromofluorobenzene
Concen: 51.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

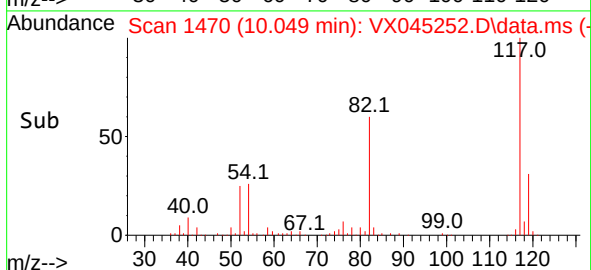
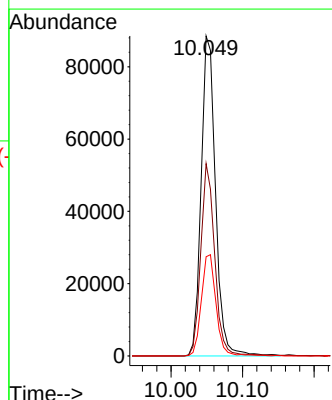
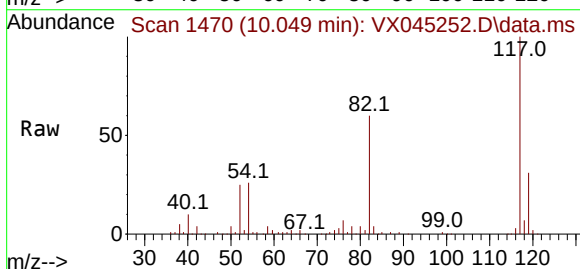
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20250307

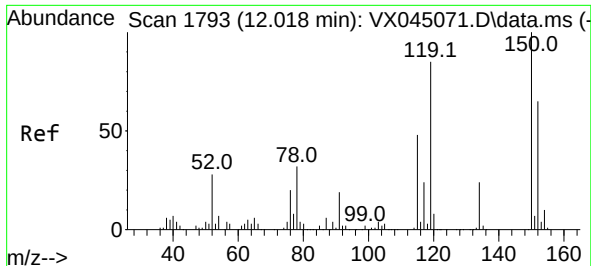
Tgt Ion: 95 Resp: 55671
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.2
176 70.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045252.D
Acq: 12 Mar 2025 16:31

Tgt Ion: 117 Resp: 123704
Ion Ratio Lower Upper
117 100
82 60.1 46.3 69.5
119 31.0 25.7 38.5

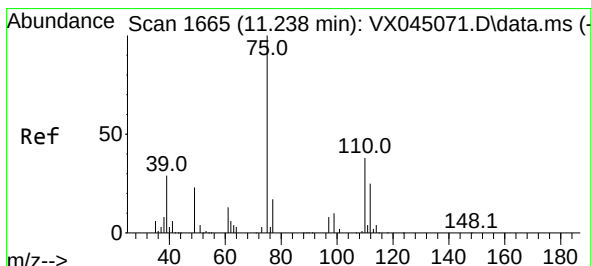
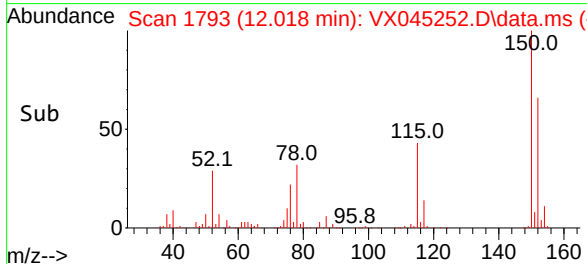
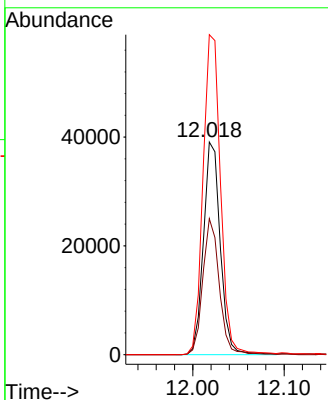
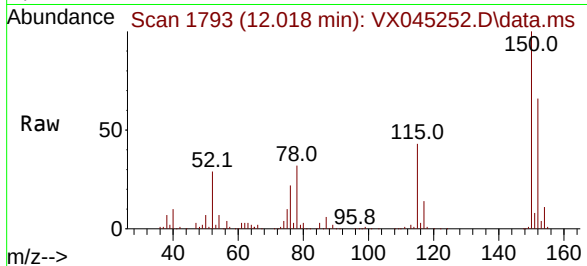




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045252.D
 Acq: 12 Mar 2025 16:31

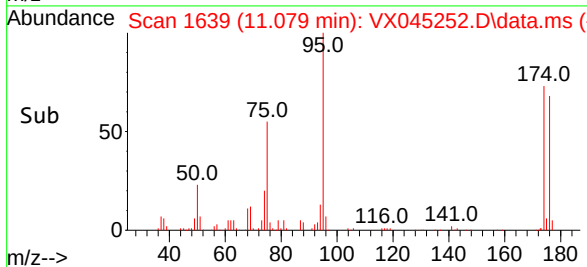
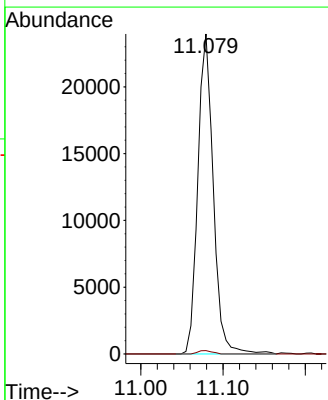
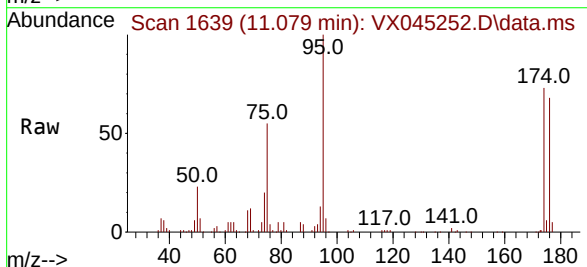
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307

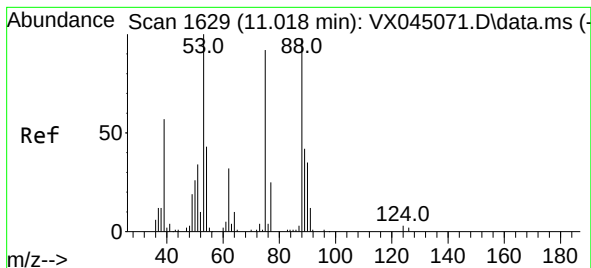
Tgt Ion:152 Resp: 50164
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.2 132.6
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.789 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045252.D
 Acq: 12 Mar 2025 16:31

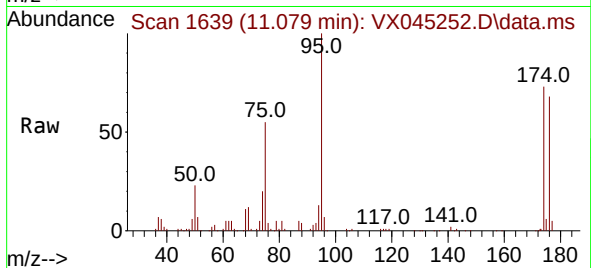
Tgt Ion: 75 Resp: 31278
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.677 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045252.D
 Acq: 12 Mar 2025 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20250307



Tgt Ion: 75 Resp: 31278
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

