

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045102.D
 Acq On : 03 Mar 2025 09:39
 Operator : JC/MD
 Sample : VX0303WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 05:18:31 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)

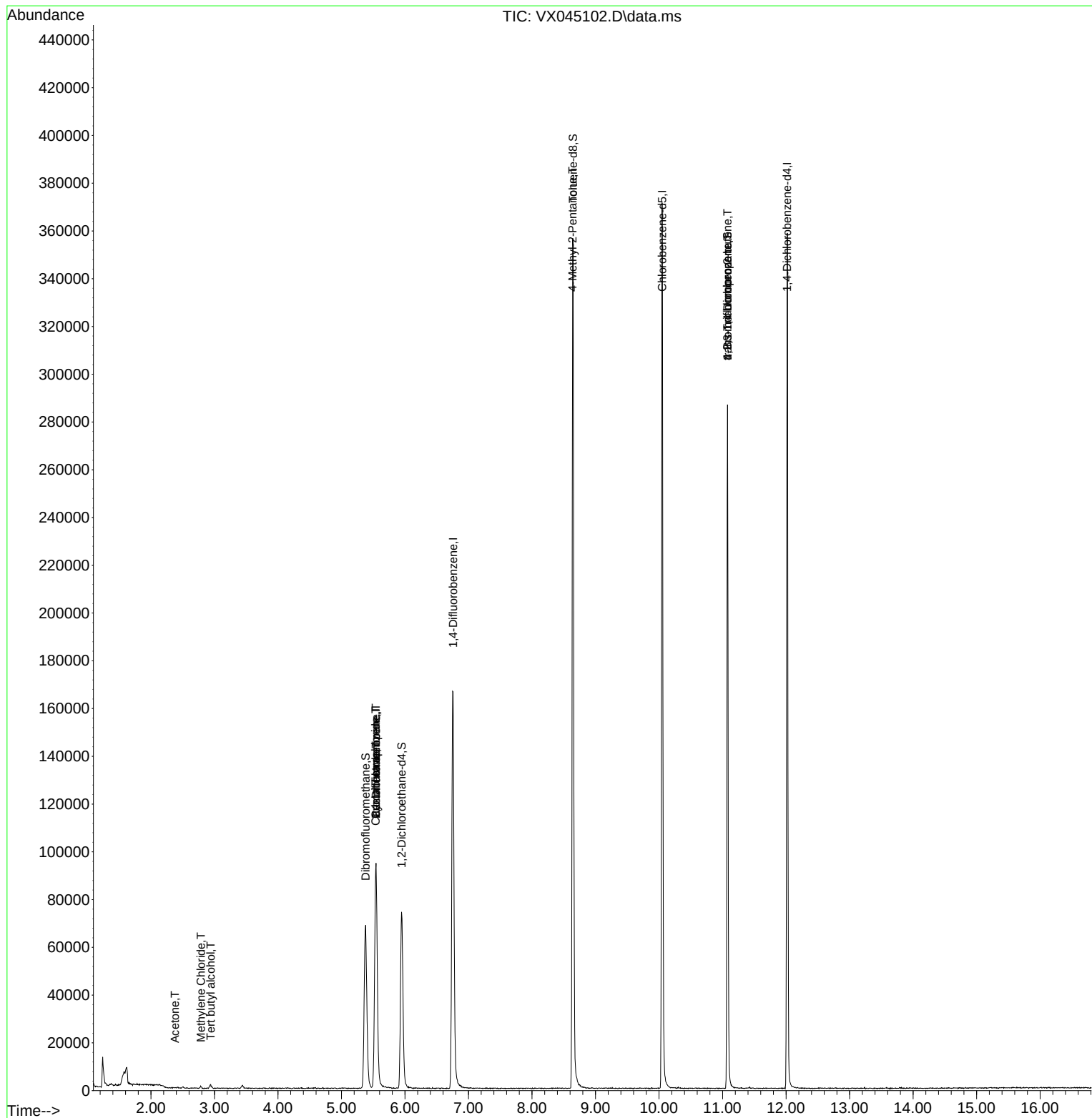
Internal Standards						
1) Pentafluorobenzene	5.544	168	88708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	160387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71659	50.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.560%
35) Dibromofluoromethane	5.379	113	60357	51.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.647	98	219822	51.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.720%
62) 4-Bromofluorobenzene	11.079	95	74529	52.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	802	3.001	ug/l #	73
16) Acetone	2.380	43	266	0.406	ug/l #	44
20) Methylene Chloride	2.788	84	369	0.285	ug/l #	76
31) Cyclohexane	5.544	56	2286	1.191	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	8169	5.046	ug/l #	49
38) Carbon Tetrachloride	5.538	117	9682	5.891	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1193	0.576	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39519	23.918	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39519	81.853	ug/l #	6

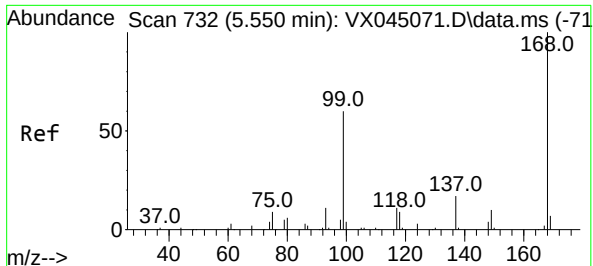
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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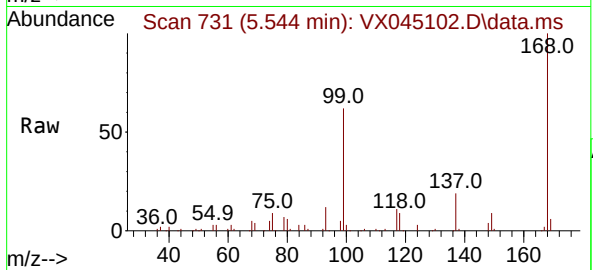
Quant Time: Mar 04 05:18:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
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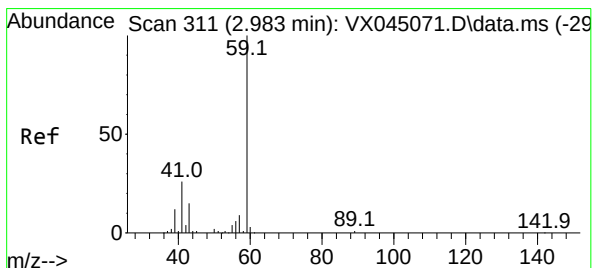
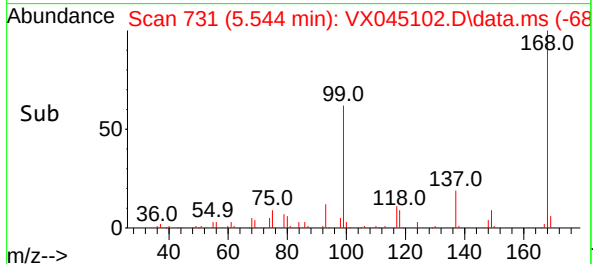
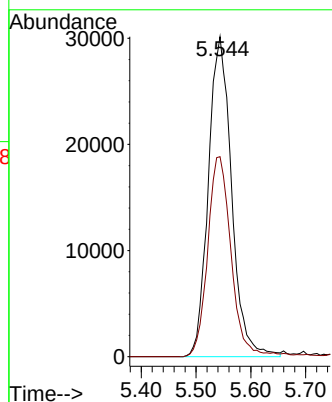


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :

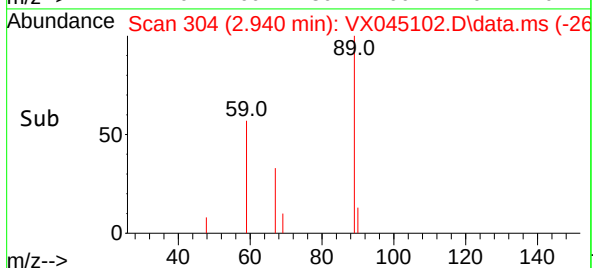
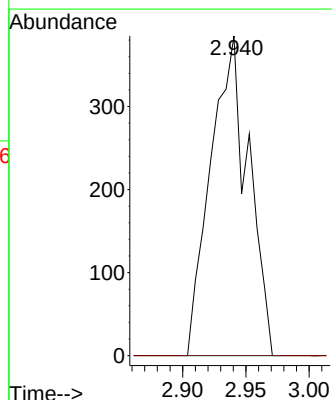
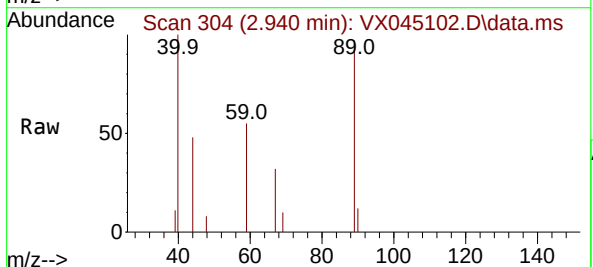


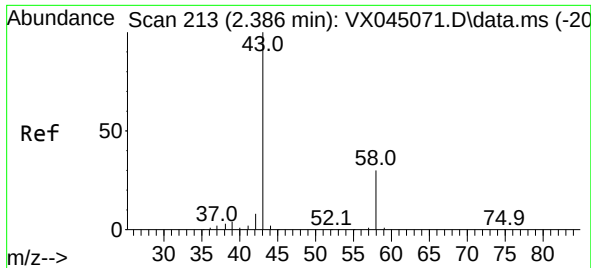
Tgt Ion:168 Resp: 88708
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#11
Tert butyl alcohol
Concen: 3.001 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Tgt Ion: 59 Resp: 802
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

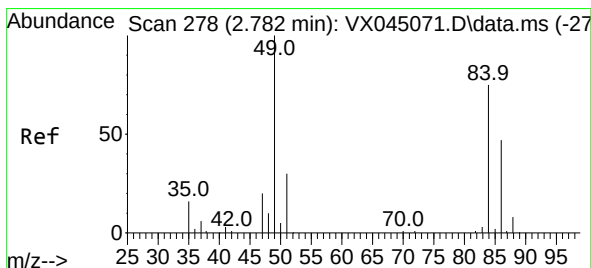
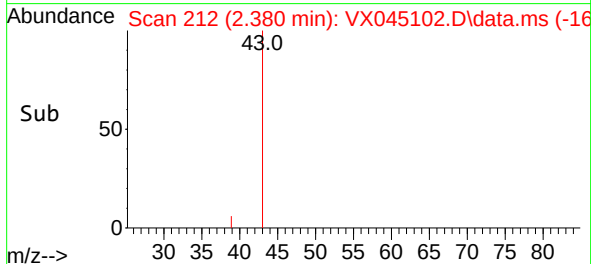
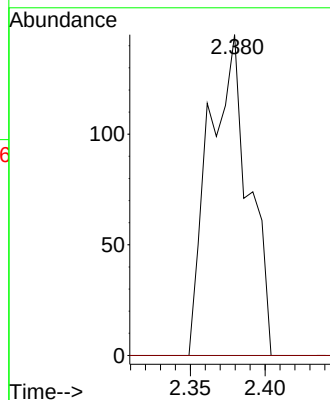
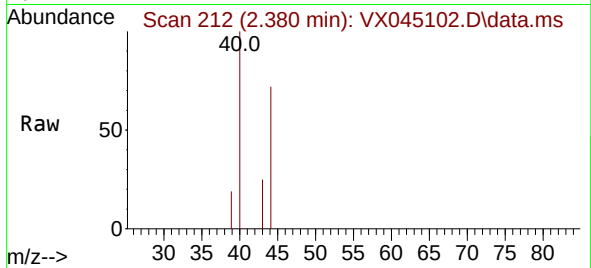




#16
Acetone
Concen: 0.406 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

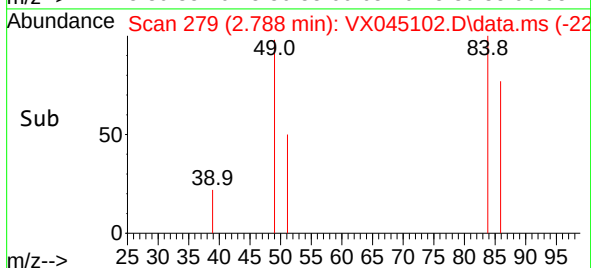
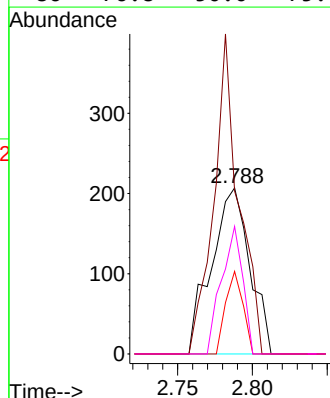
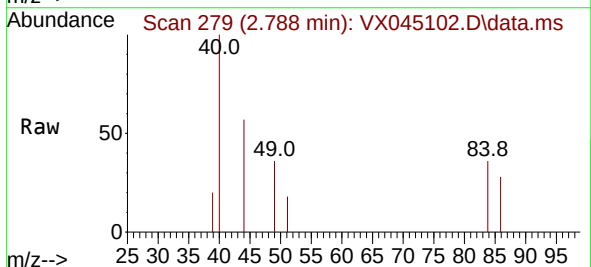
Instrument :
MSVOA_X
ClientSampleId :

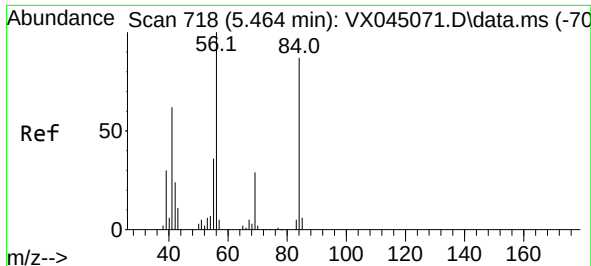
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

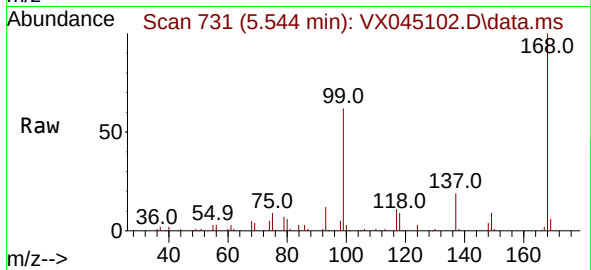
Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
49 98.1 106.5 159.7#
51 49.8 32.1 48.1#
86 76.8 50.0 75.0#



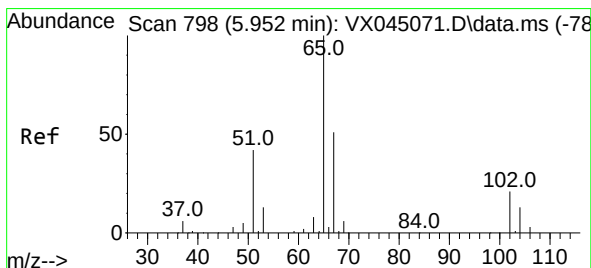
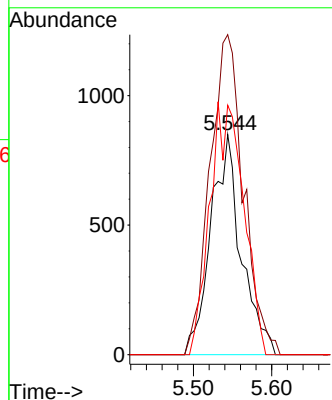
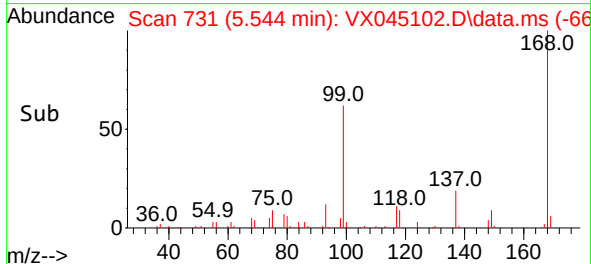


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :

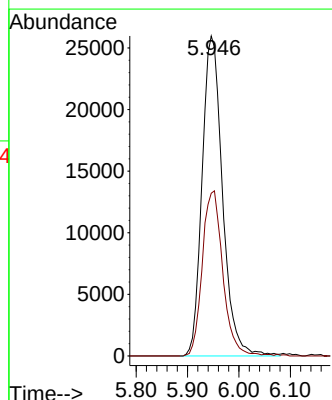
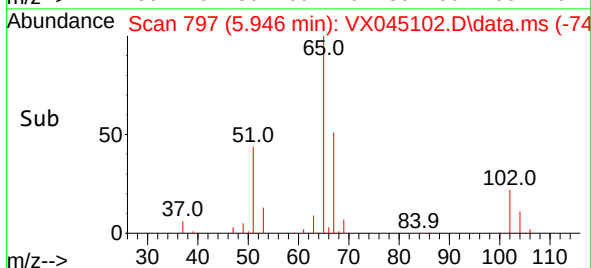
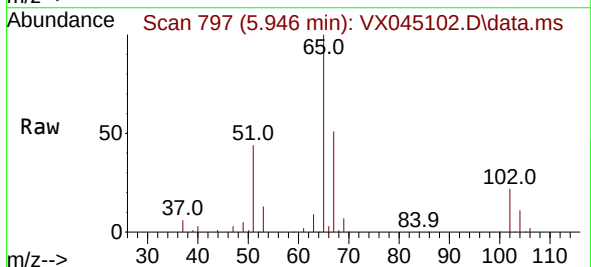


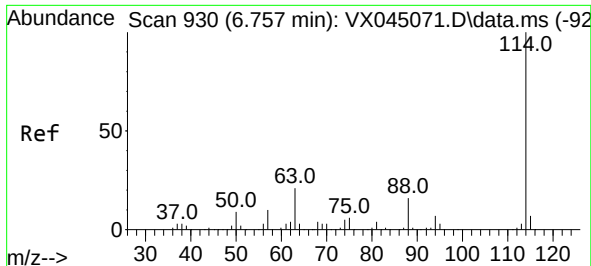
Tgt Ion: 56 Resp: 2286
Ion Ratio Lower Upper
56 100
69 145.3 23.4 35.2#
84 113.3 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 50.785 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Tgt Ion: 65 Resp: 71659
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

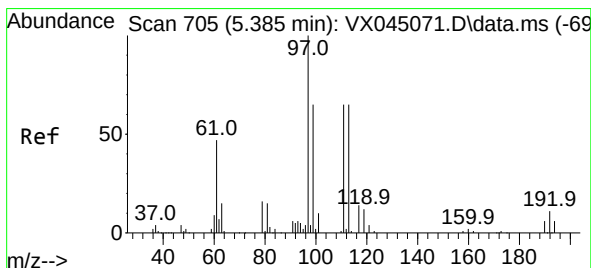
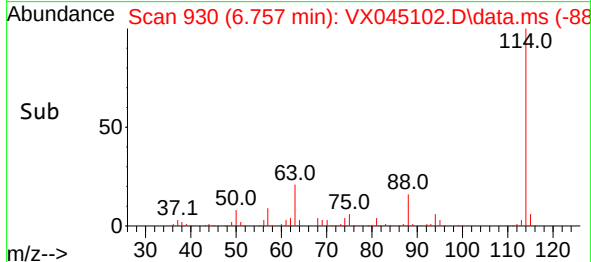
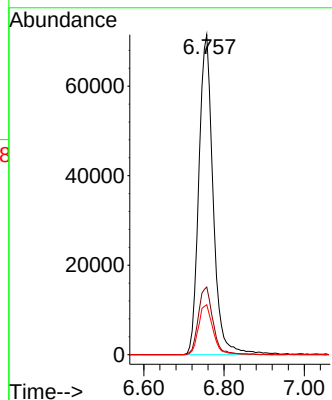
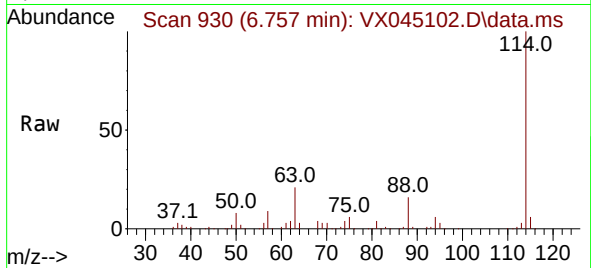




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

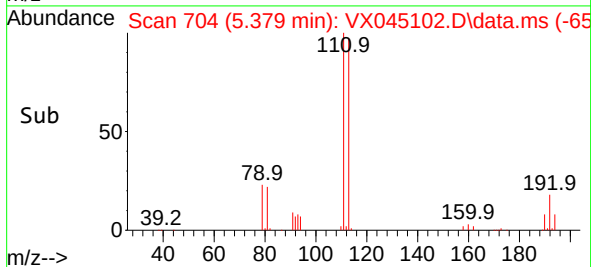
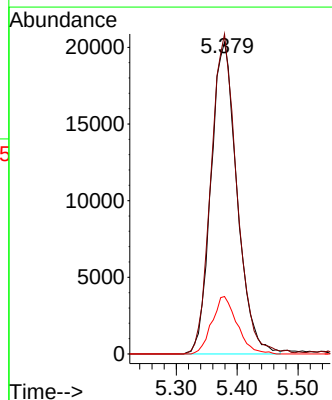
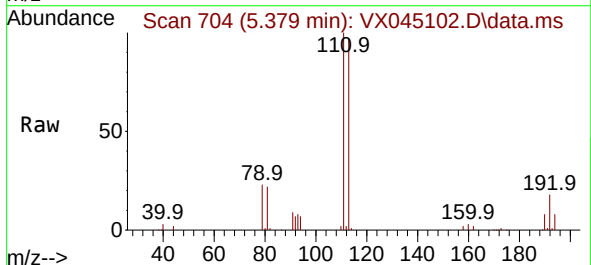
Instrument :
MSVOA_X
ClientSampleId :

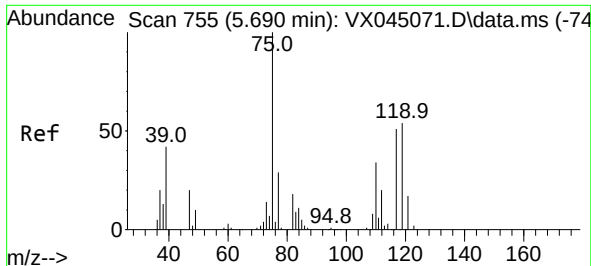
Tgt Ion:114 Resp: 176545
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Tgt Ion:113 Resp: 60357
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.046 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045102.D

Acq: 03 Mar 2025 09:39

Instrument :

MSVOA_X

ClientSampleId :

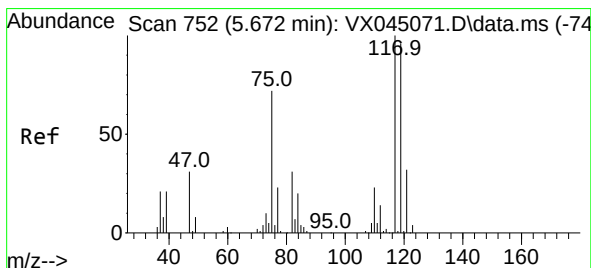
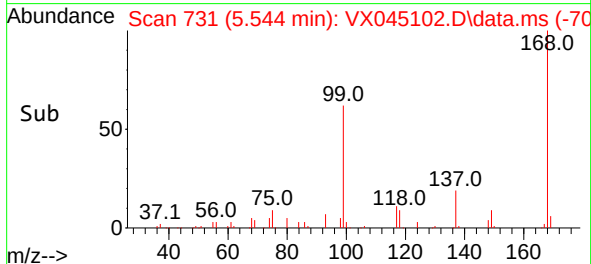
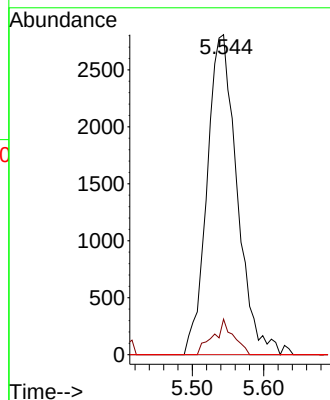
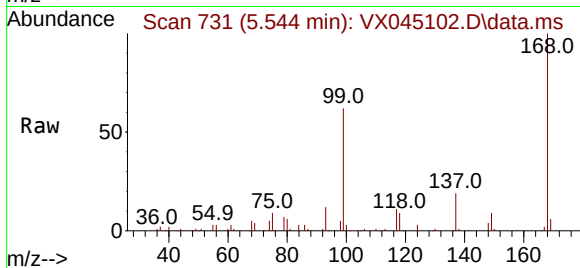
Tgt Ion: 75 Resp: 8169

Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.891 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045102.D

Acq: 03 Mar 2025 09:39

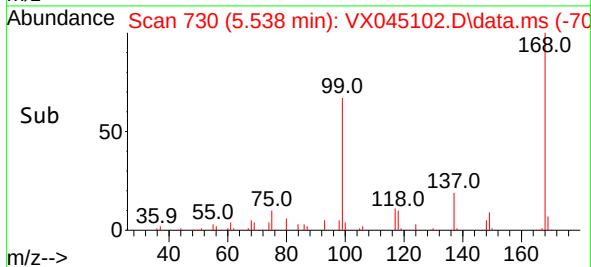
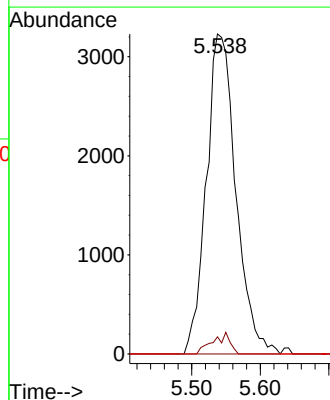
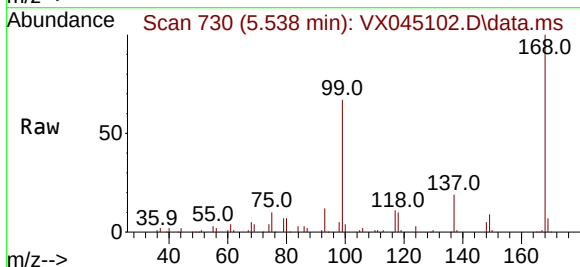
Tgt Ion: 117 Resp: 9682

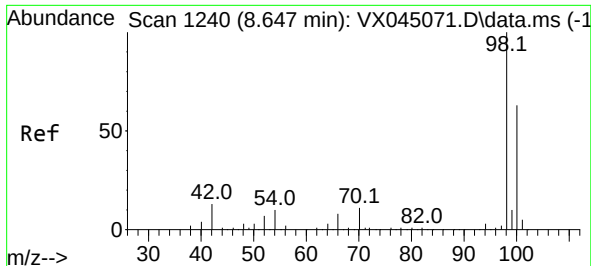
Ion Ratio Lower Upper

117 100

119 5.3 76.7 115.1#

121 0.0 25.5 38.3#

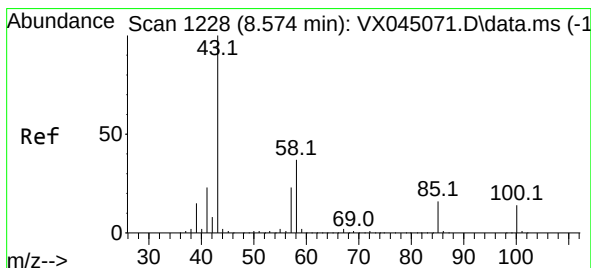
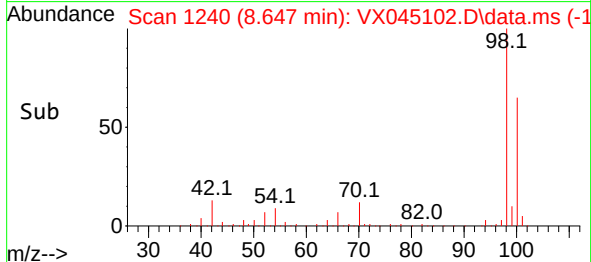
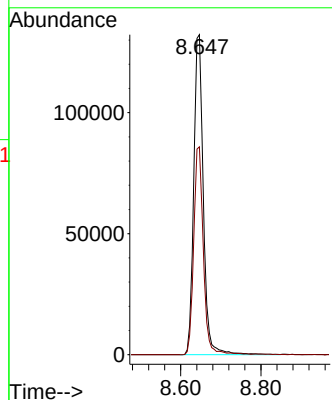
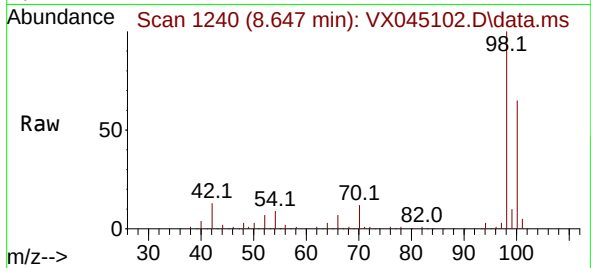




#50
Toluene-d8
Concen: 51.363 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

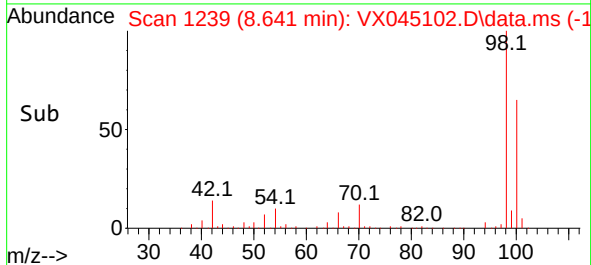
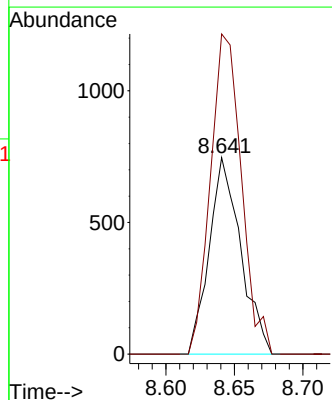
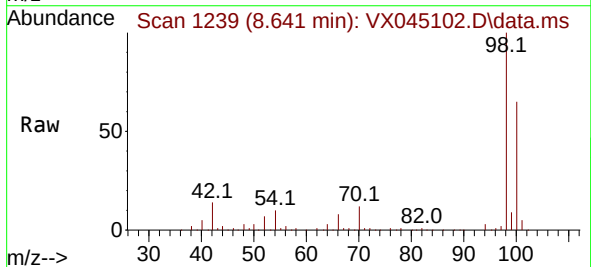
Instrument :
MSVOA_X
ClientSampleId :

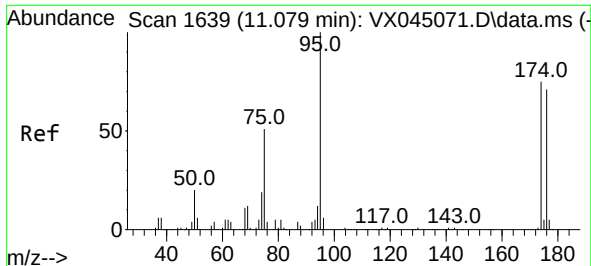
Tgt Ion: 98 Resp: 219822
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.576 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045102.D
Acq: 03 Mar 2025 09:39

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 160.5 29.2 43.8#





#62

4-Bromofluorobenzene

Concen: 52.552 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045102.D

Acq: 03 Mar 2025 09:39

Instrument :

MSVOA_X

ClientSampleId :

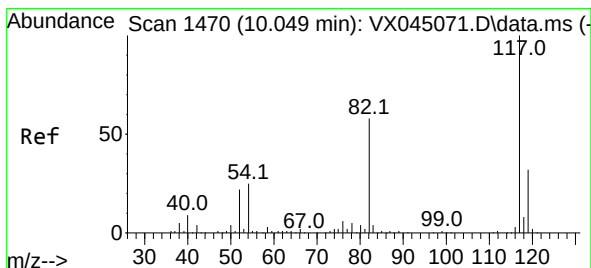
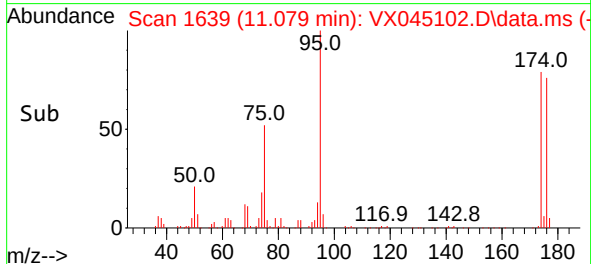
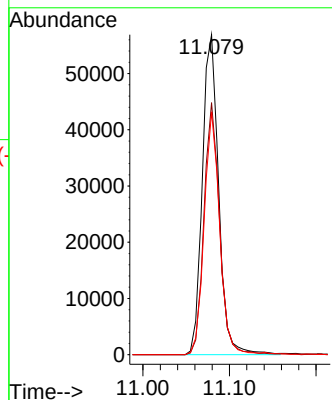
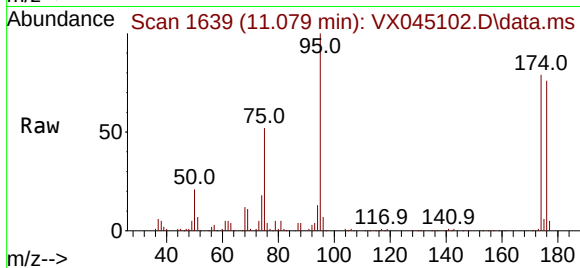
Tgt Ion: 95 Resp: 74529

Ion Ratio Lower Upper

95 100

174 75.6 0.0 148.2

176 72.7 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: VX045102.D

Acq: 03 Mar 2025 09:39

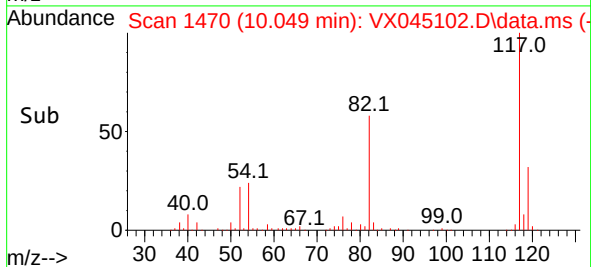
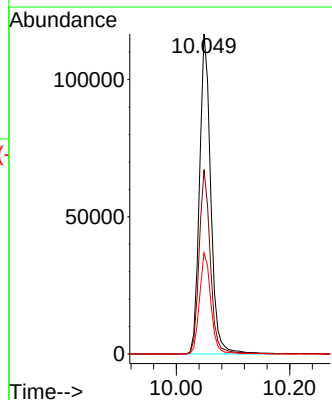
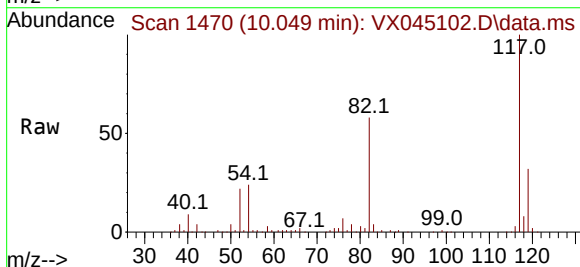
Tgt Ion: 117 Resp: 160387

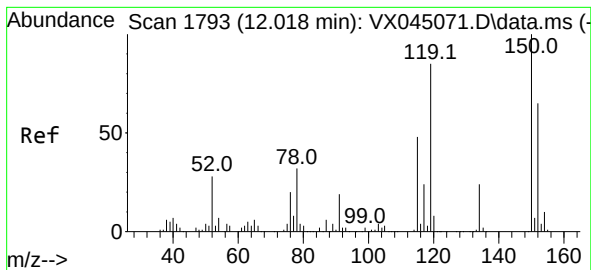
Ion Ratio Lower Upper

117 100

82 57.6 46.3 69.5

119 31.6 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: VX045102.D

Acq: 03 Mar 2025 09:39

Instrument :

MSVOA_X

ClientSampleId :

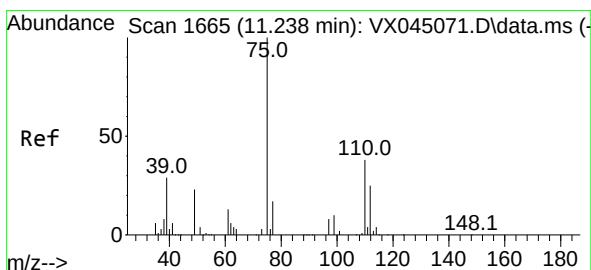
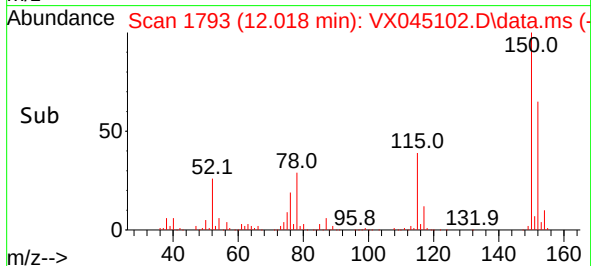
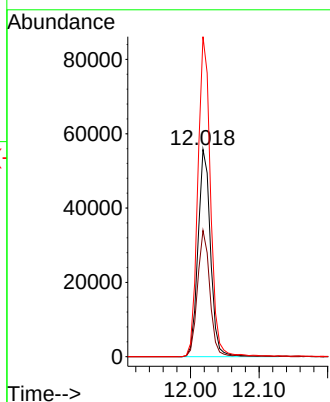
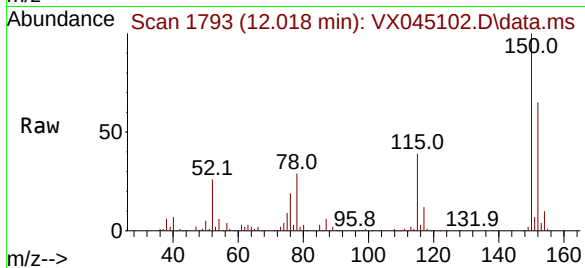
Tgt Ion:152 Resp: 70988

Ion Ratio Lower Upper

152 100

115 60.4 44.2 132.6

150 155.9 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 23.918 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045102.D

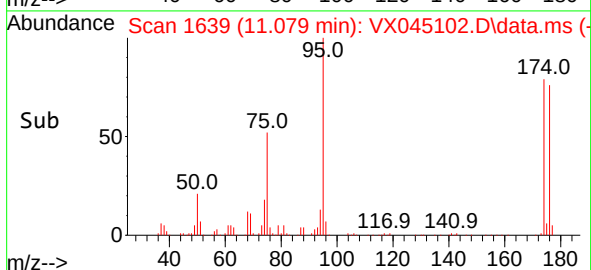
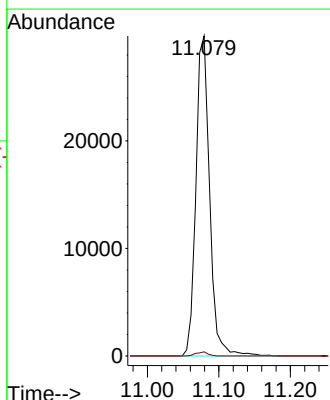
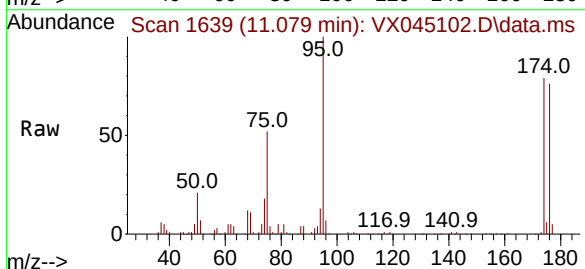
Acq: 03 Mar 2025 09:39

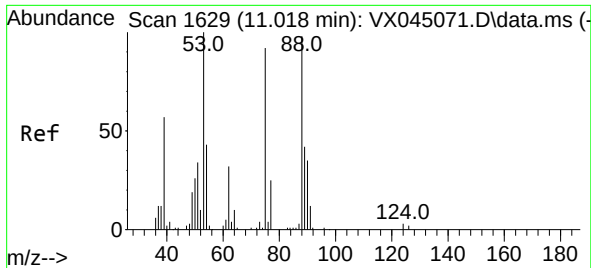
Tgt Ion: 75 Resp: 39519

Ion Ratio Lower Upper

75 100

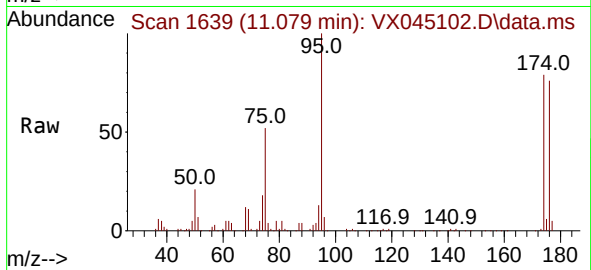
77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.853 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045102.D
 Acq: 03 Mar 2025 09:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39519
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

