

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045108.D
 Acq On : 03 Mar 2025 13:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 05:22:23 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)

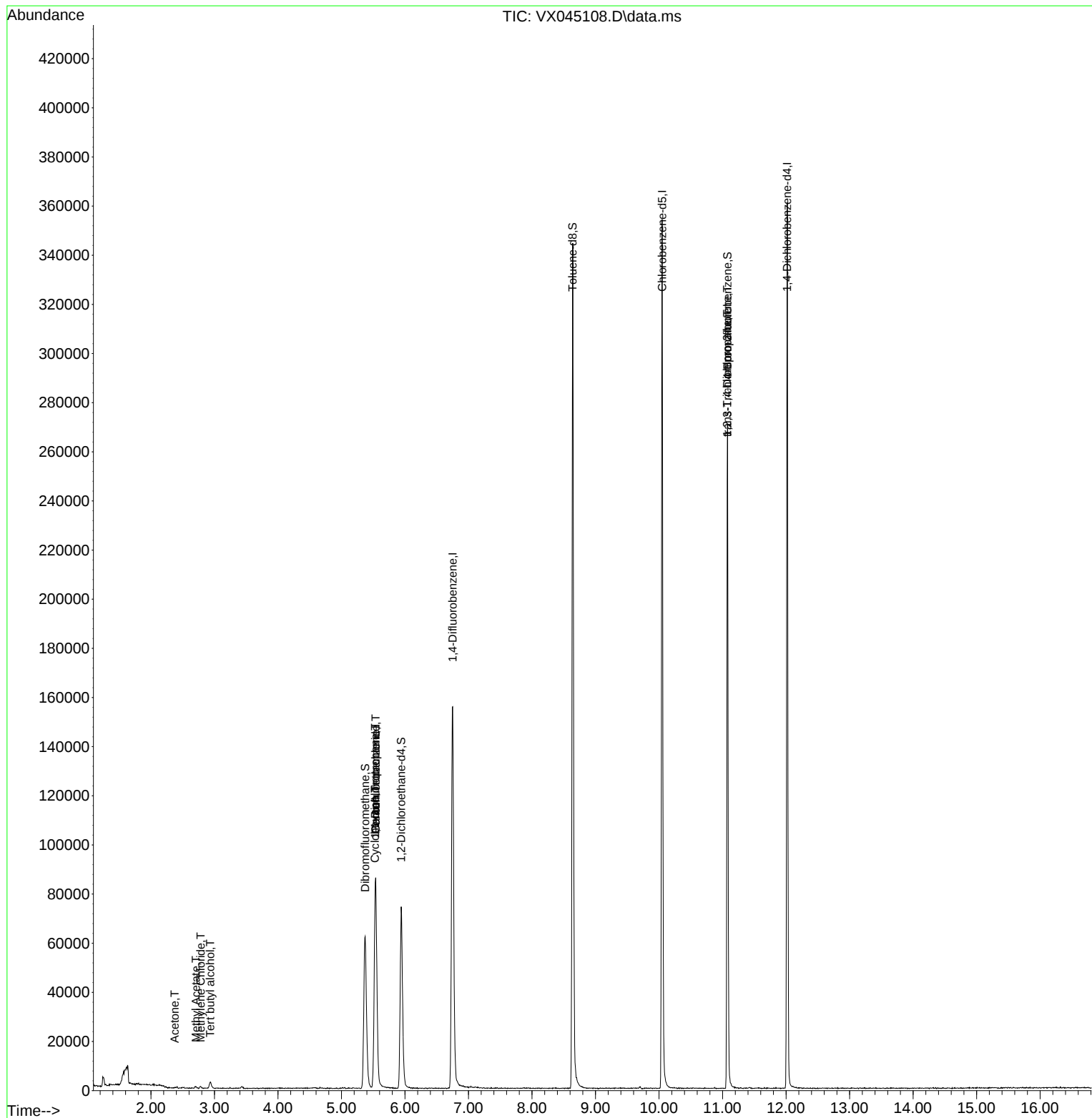
Internal Standards						
1) Pentafluorobenzene	5.537	168	81581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.750	114	165592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	66756	51.443	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.880%			
35) Dibromofluoromethane	5.373	113	54967	49.642	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	8.640	98	203220	50.625	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.079	95	73061	54.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	1734	7.055	ug/l #	73
16) Acetone	2.373	43	316	0.525	ug/l #	87
18) Methyl Acetate	2.708	43	985	0.680	ug/l #	82
20) Methylene Chloride	2.782	84	356	0.298	ug/l #	84
31) Cyclohexane	5.525	56	2125	1.204	ug/l #	41
36) 1,1-Dichloropropene	5.531	75	7270	4.788	ug/l #	50
38) Carbon Tetrachloride	5.537	117	8469	5.493	ug/l #	15
76) 1,2,3-Trichloropropane	11.073	75	38803	24.301	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.073	75	38803	83.164	ug/l #	6

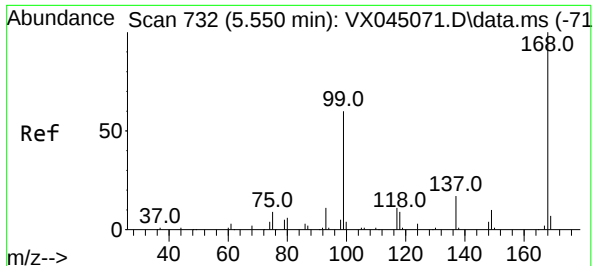
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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IBLK

Quant Time: Mar 04 05:22:23 2025
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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

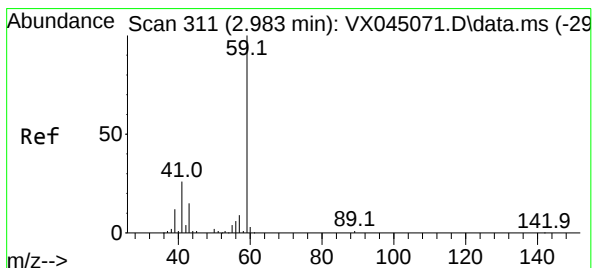
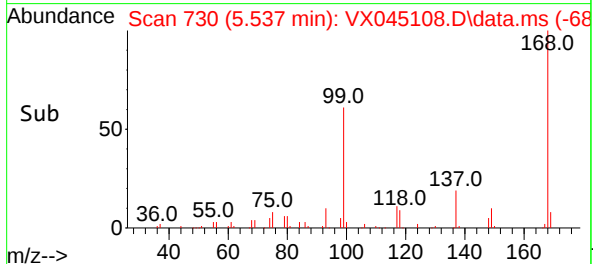
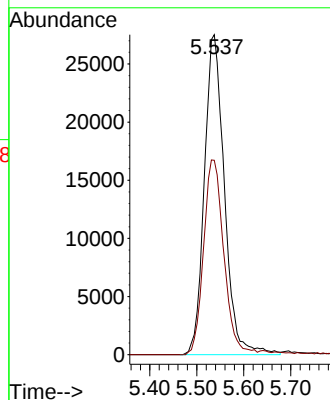
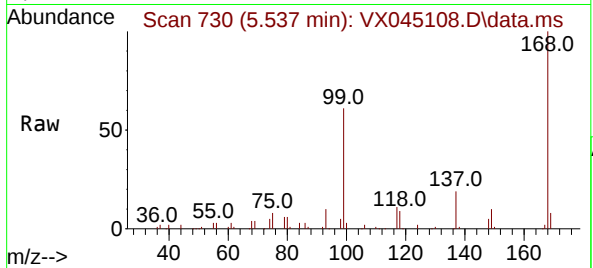




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

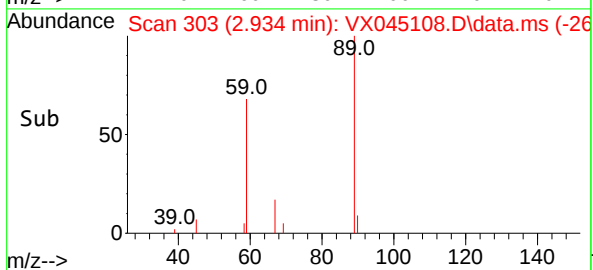
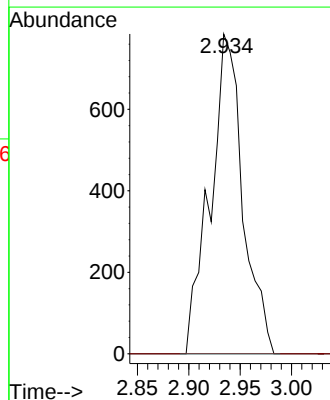
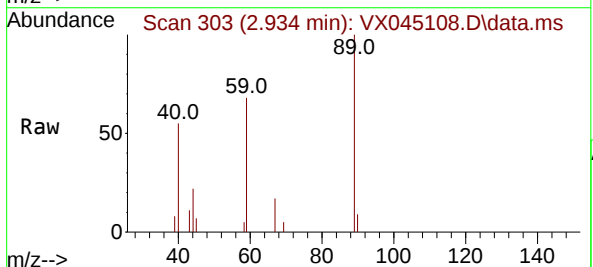
Instrument :
MSVOA_X
ClientSampleId :
IBLK

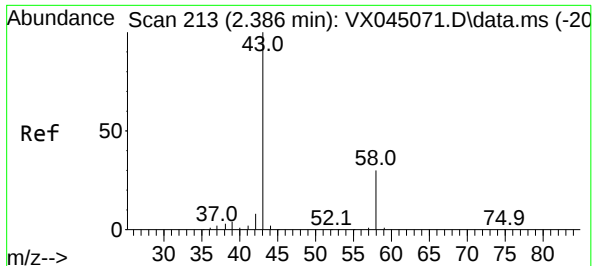
Tgt Ion:168 Resp: 81581
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 7.055 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 59 Resp: 1734
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

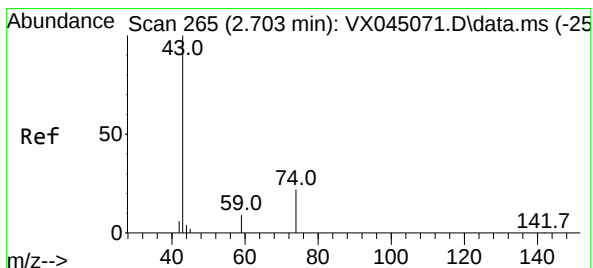
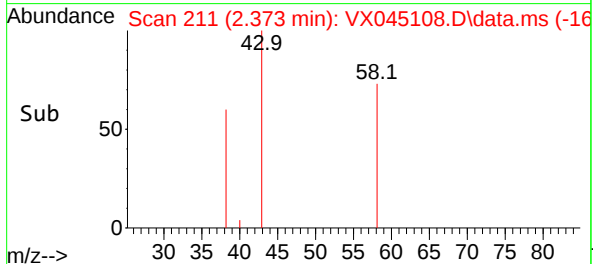
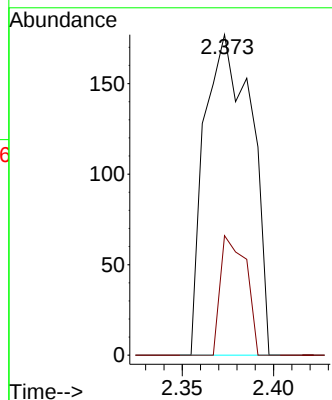
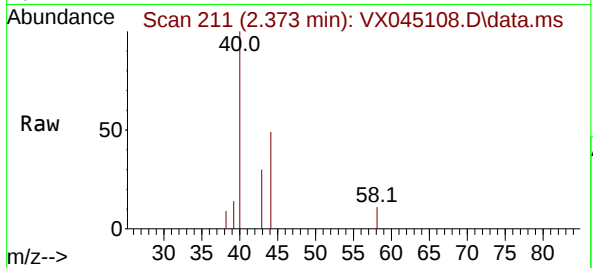




#16
Acetone
Concen: 0.525 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

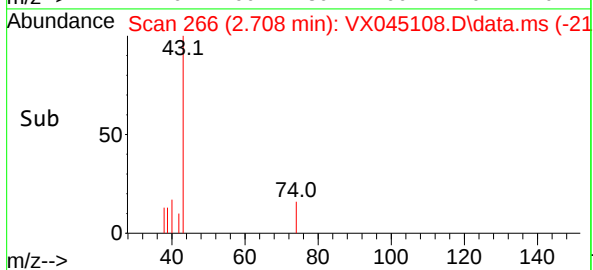
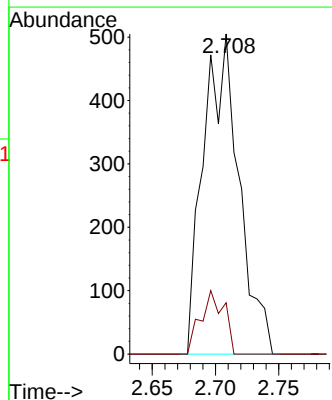
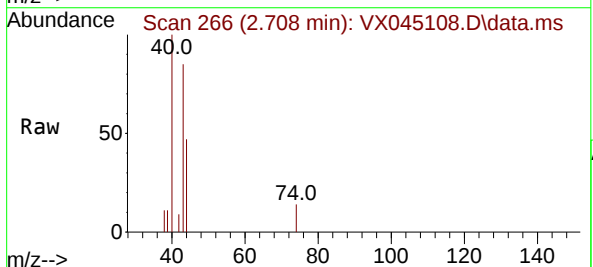
Instrument :
MSVOA_X
ClientSampleId :
IBLK

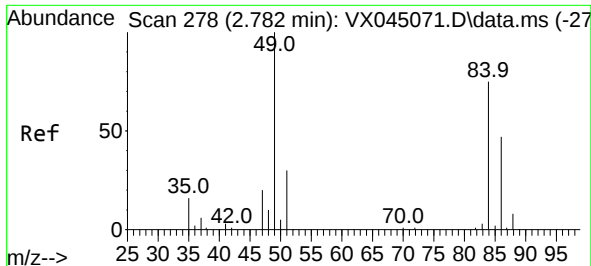
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 37.3 24.2 36.4#



#18
Methyl Acetate
Concen: 0.680 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
74 13.1 17.4 26.2#

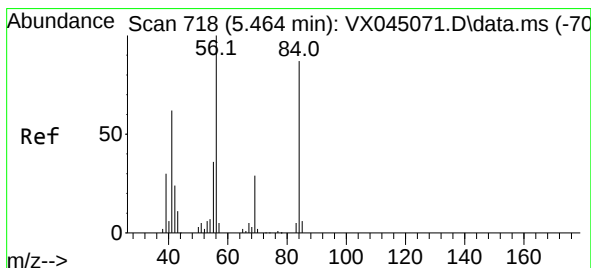
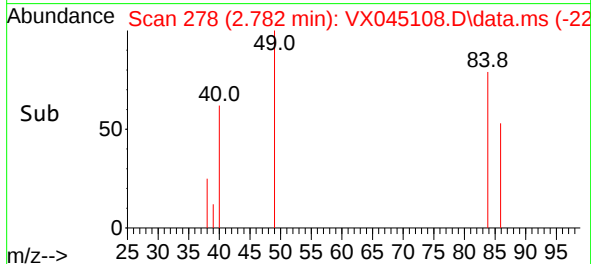
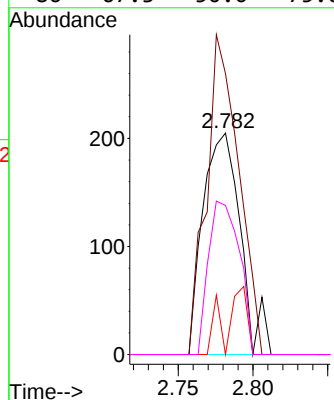
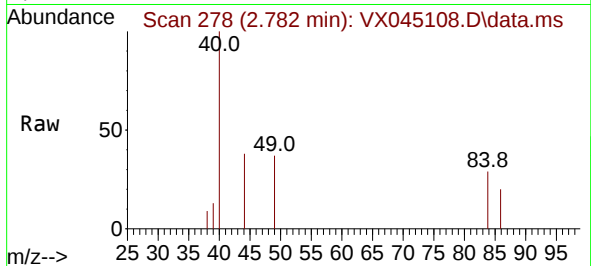




#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

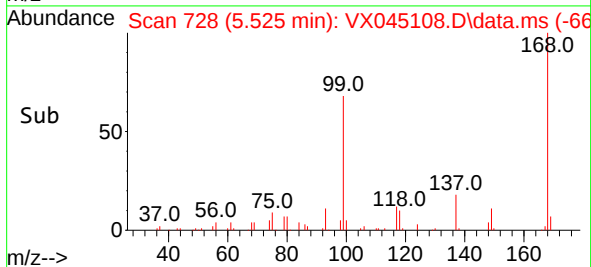
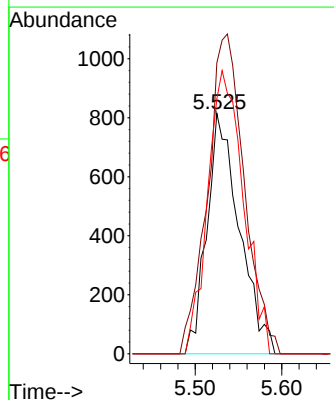
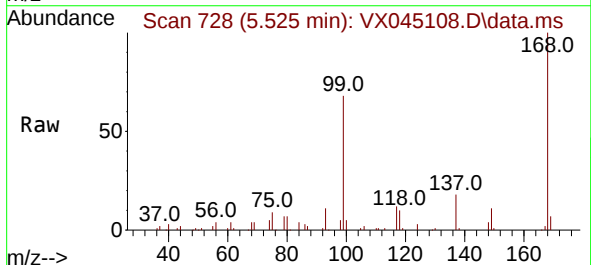
Instrument :
MSVOA_X
ClientSampleId :
IBLK

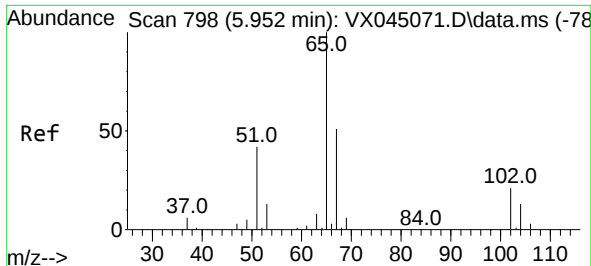
Tgt Ion:	84	Resp:	356
Ion	Ratio	Lower	Upper
84	100		
49	126.8	106.5	159.7
51	0.0	32.1	48.1#
86	67.3	50.0	75.0



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.525 min Scan# 728
Delta R.T. 0.061 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion:	56	Resp:	2125
Ion	Ratio	Lower	Upper
56	100		
69	121.0	23.4	35.2#
84	106.0	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.443 ug/l

RT: 5.940 min Scan# 798

Delta R.T. -0.013 min

Lab File: VX045108.D

Acq: 03 Mar 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

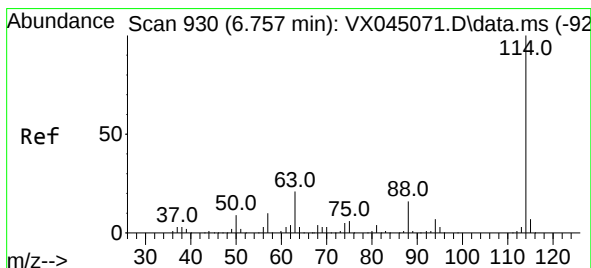
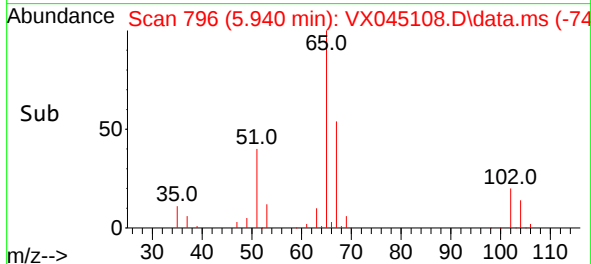
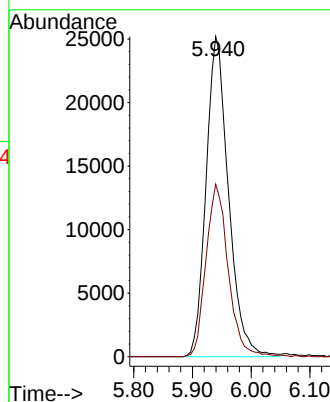
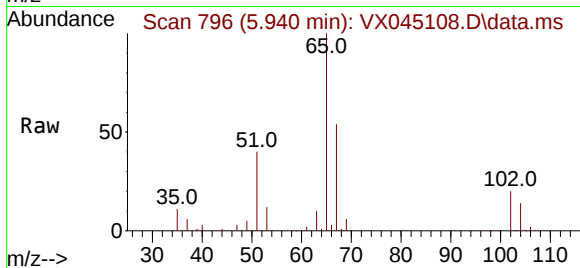
IBLK

Tgt Ion: 65 Resp: 66756

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.007 min

Lab File: VX045108.D

Acq: 03 Mar 2025 13:23

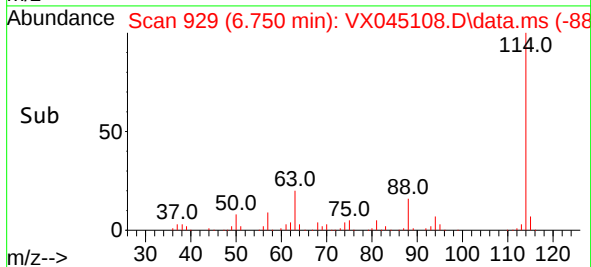
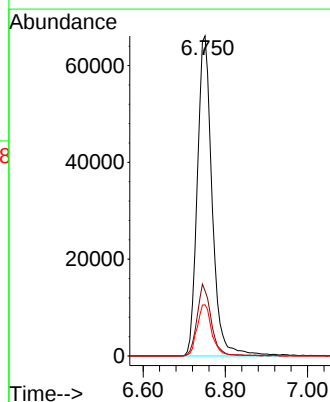
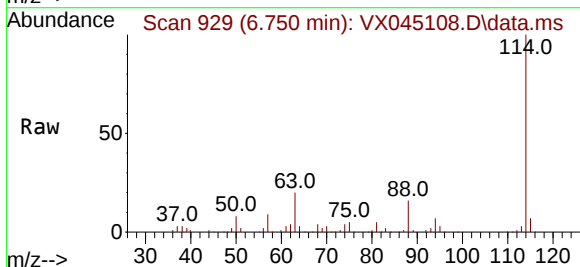
Tgt Ion: 114 Resp: 165592

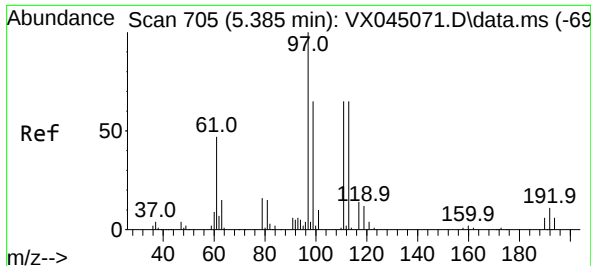
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

88 16.0 0.0 32.8

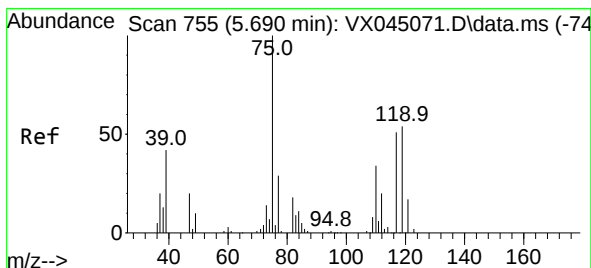
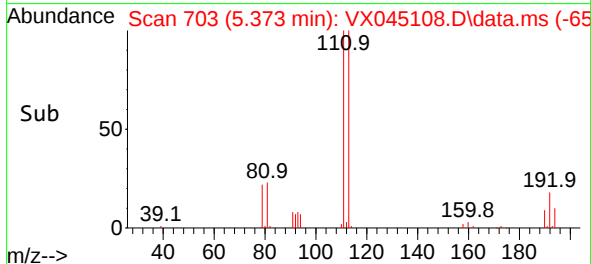
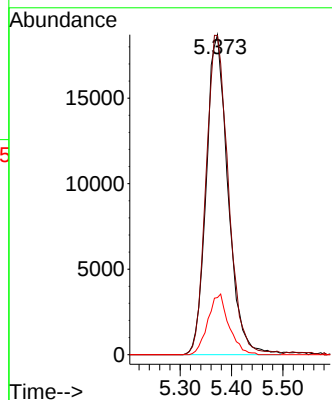
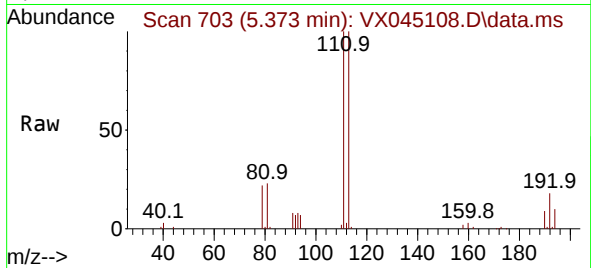




#35
 Dibromofluoromethane
 Concen: 49.642 ug/l
 RT: 5.373 min Scan# 705
 Delta R.T. -0.013 min
 Lab File: VX045108.D
 Acq: 03 Mar 2025 13:23

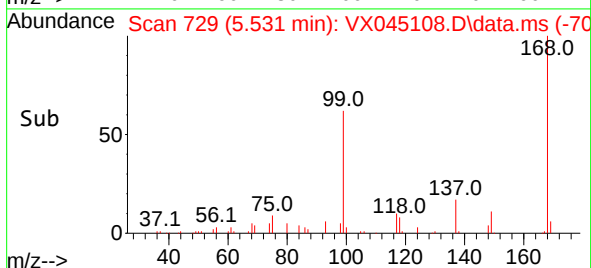
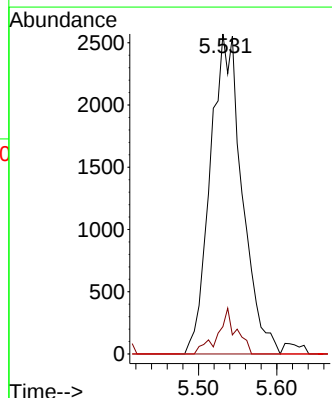
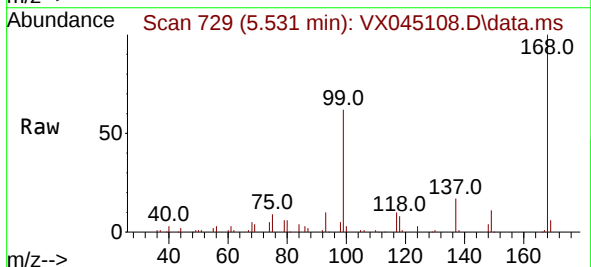
Instrument :
 MSVOA_X
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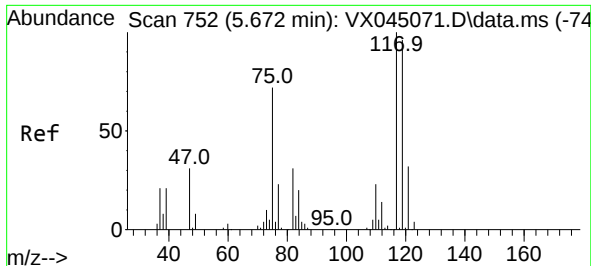
Tgt Ion:	113	Resp:	54967
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	18.3	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.788 ug/l
 RT: 5.531 min Scan# 729
 Delta R.T. -0.159 min
 Lab File: VX045108.D
 Acq: 03 Mar 2025 13:23

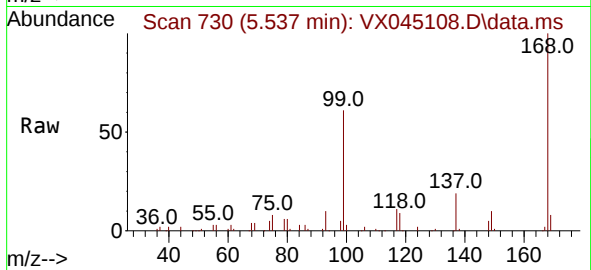
Tgt Ion:	75	Resp:	7270
Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.9	50.6#
77	0.0	24.5	36.7#



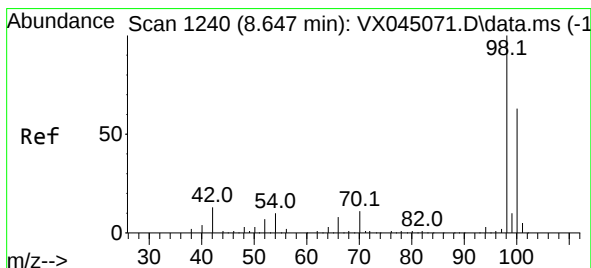
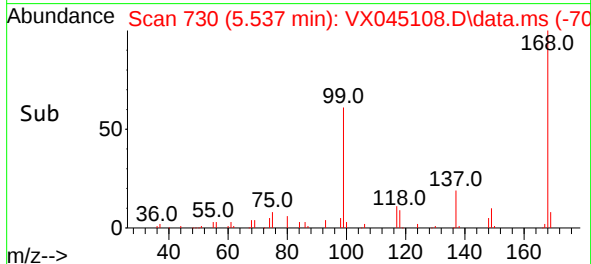
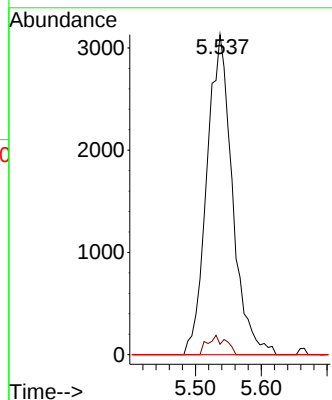


#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

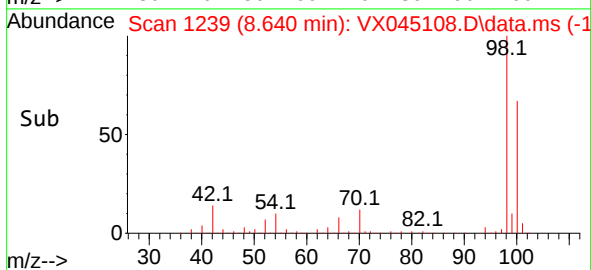
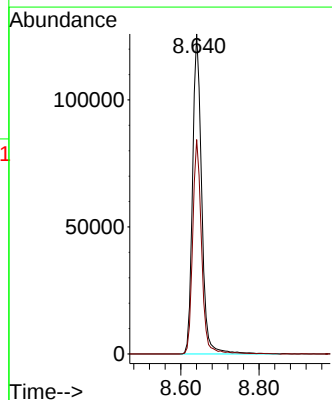
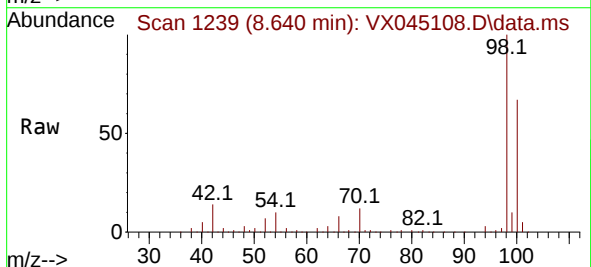


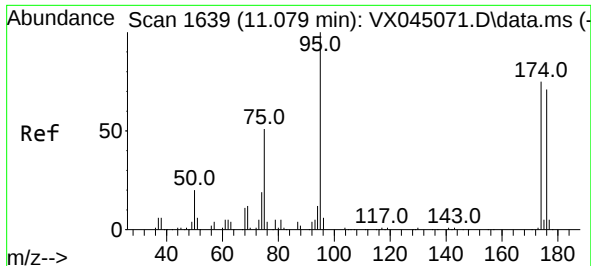
Tgt Ion:117 Resp: 8469
Ion Ratio Lower Upper
117 100
119 3.3 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.625 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. -0.007 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 98 Resp: 203220
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.925 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045108.D

Acq: 03 Mar 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

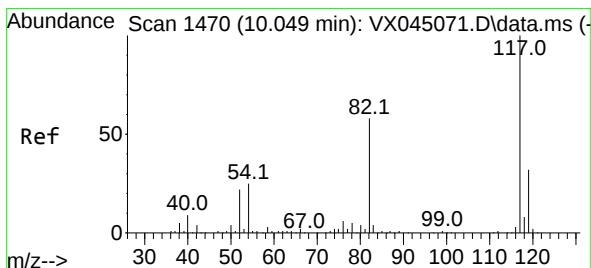
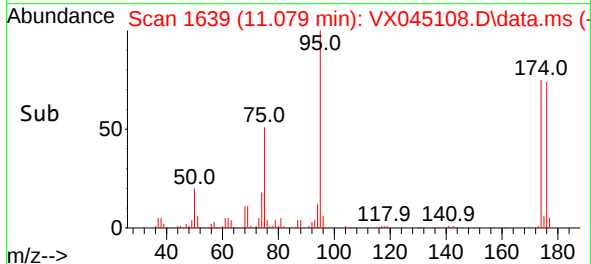
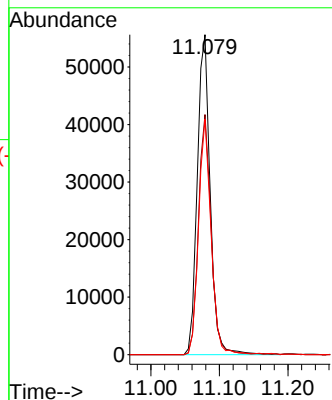
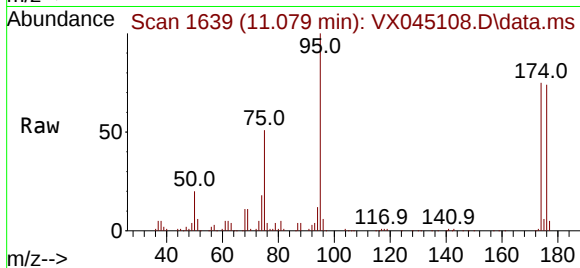
Tgt Ion: 95 Resp: 73061

Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.2

176 71.2 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: VX045108.D

Acq: 03 Mar 2025 13:23

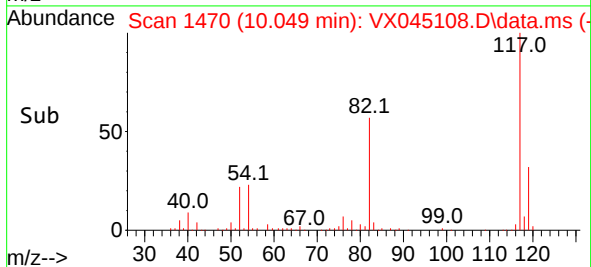
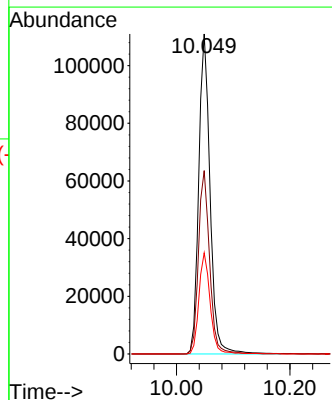
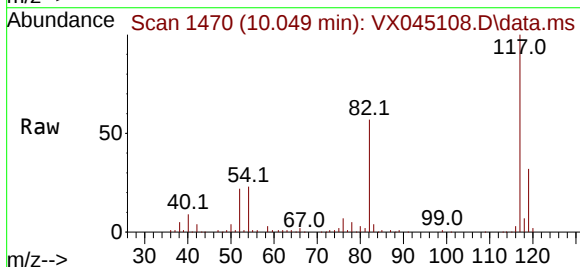
Tgt Ion: 117 Resp: 153477

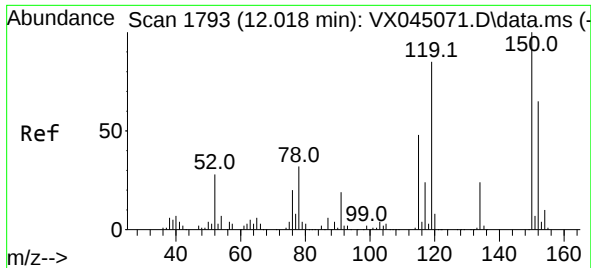
Ion Ratio Lower Upper

117 100

82 57.3 46.3 69.5

119 31.6 25.7 38.5

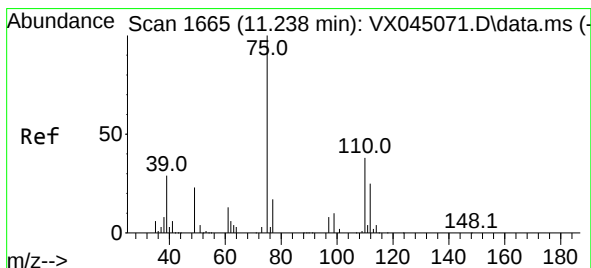
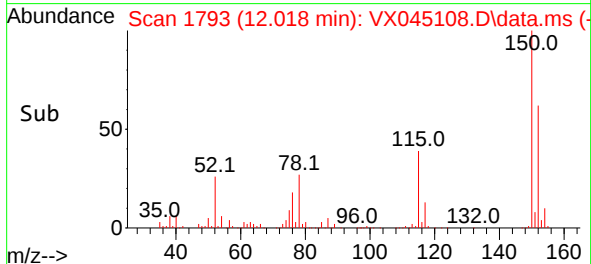
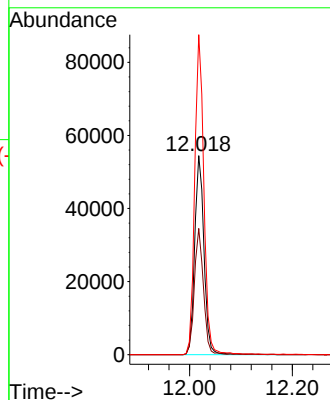
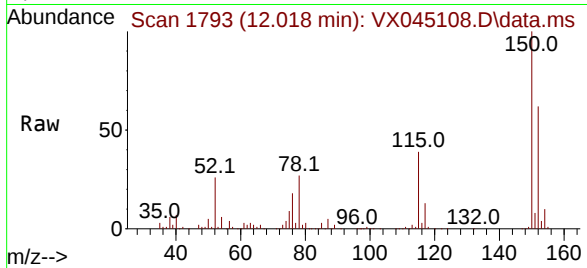




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

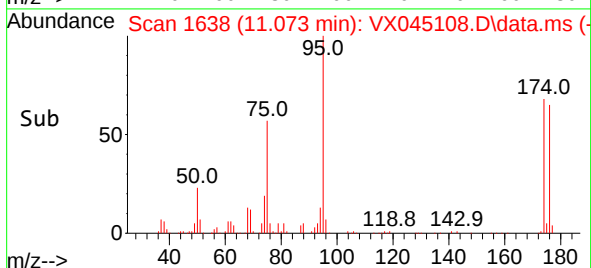
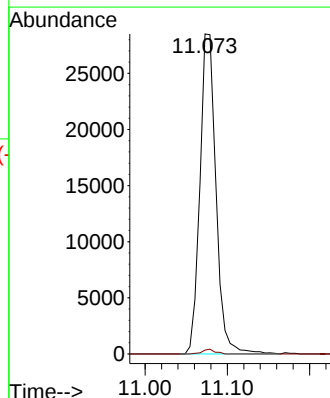
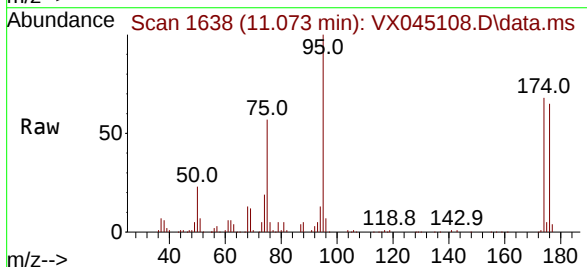
Instrument :
MSVOA_X
ClientSampleId :
IBLK

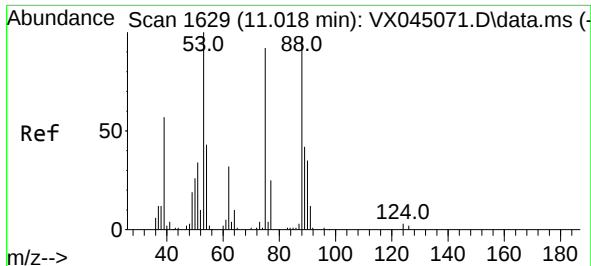
Tgt Ion:152 Resp: 68603
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.301 ug/l
RT: 11.073 min Scan# 1638
Delta R.T. -0.165 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Tgt Ion: 75 Resp: 38803
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.164 ug/l
RT: 11.073 min Scan# 10
Delta R.T. 0.054 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 38803
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

