

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 :

Quant Time: Mar 03 13:49:13 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)

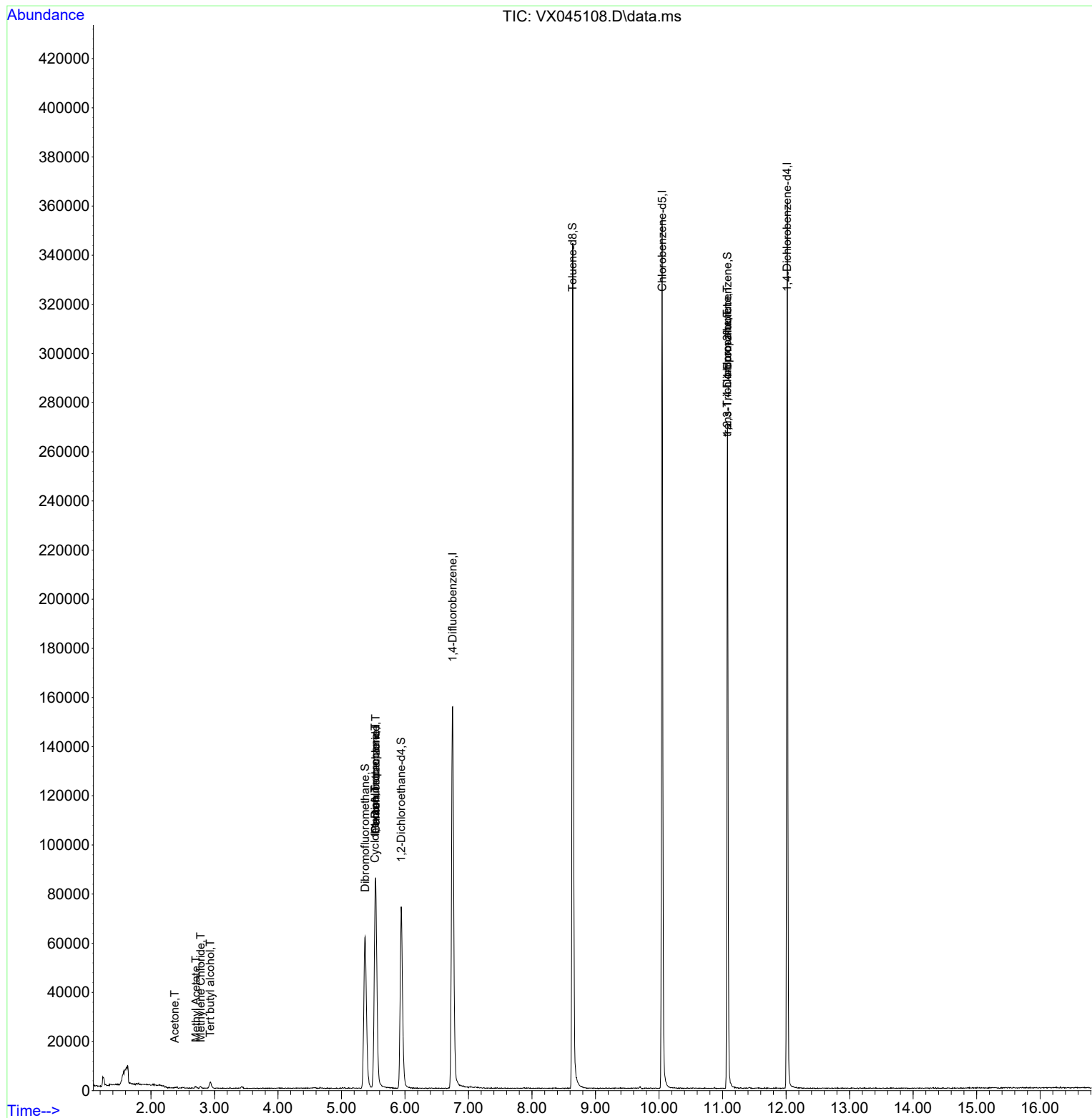
Internal Standards						
1) Pentafluorobenzene	5.537	168	81581	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.750	114	165592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	66756	51.44	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.88%			
35) Dibromofluoromethane	5.373	113	54967	49.64	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.28%			
50) Toluene-d8	8.640	98	203220	50.62	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.24%			
62) 4-Bromofluorobenzene	11.079	95	73061	54.92	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	1734	7.05	ug/l #	73
16) Acetone	2.373	43	316	0.52	ug/l #	87
18) Methyl Acetate	2.708	43	985	0.68	ug/l #	82
20) Methylene Chloride	2.782	84	356	0.30	ug/l #	84
31) Cyclohexane	5.525	56	2125	1.20	ug/l #	41
36) 1,1-Dichloropropene	5.531	75	7270	4.79	ug/l #	50
38) Carbon Tetrachloride	5.537	117	8469	5.49	ug/l #	15
76) 1,2,3-Trichloropropane	11.073	75	38803	24.30	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.073	75	38803	83.16	ug/l #	6

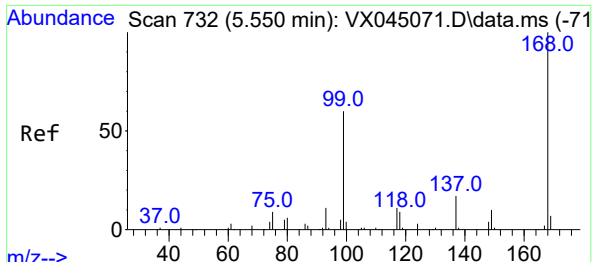
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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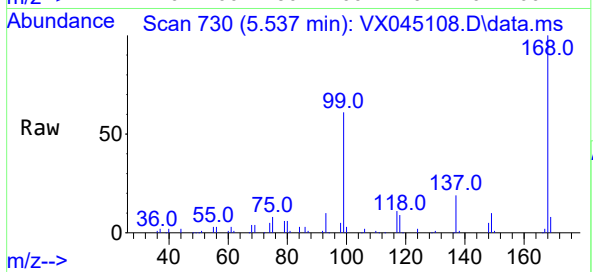
Quant Time: Mar 03 13:49:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



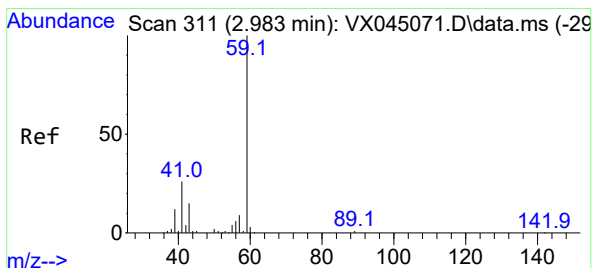
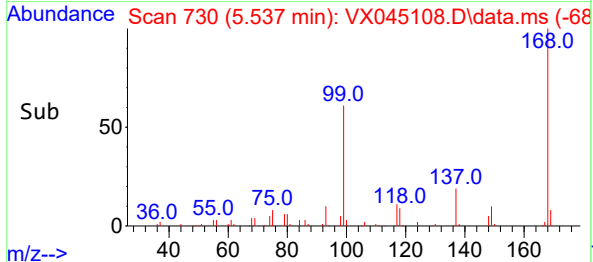
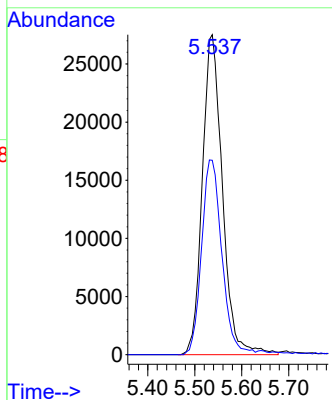


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :

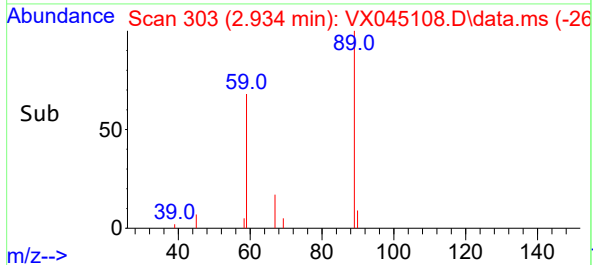
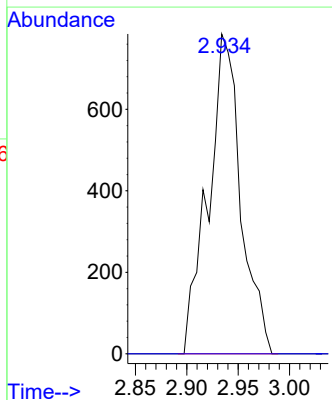
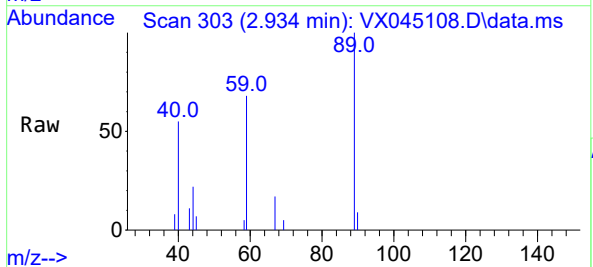


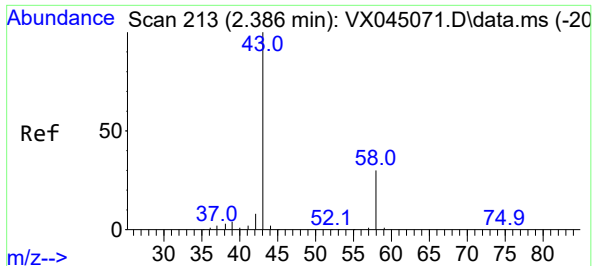
Tgt Ion:168 Resp: 81581
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 7.05 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

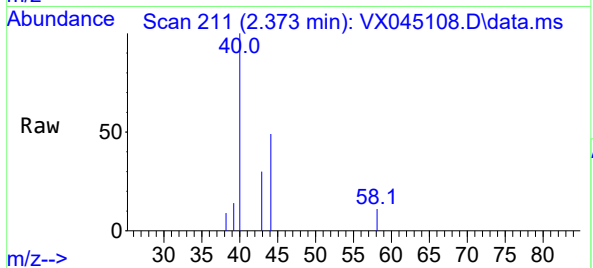
Tgt Ion: 59 Resp: 1734
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



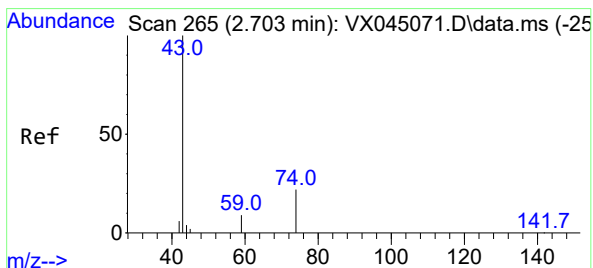
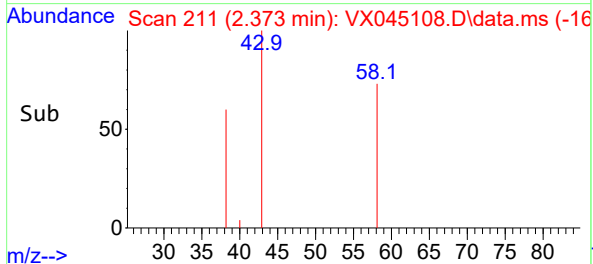
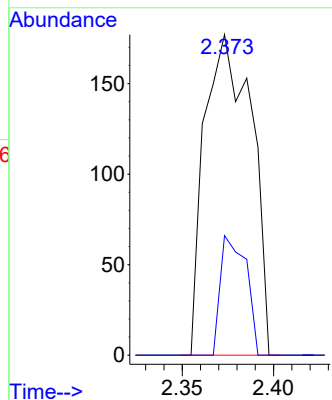


#16
Acetone
Concen: 0.52 ug/l
RT: 2.373 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :

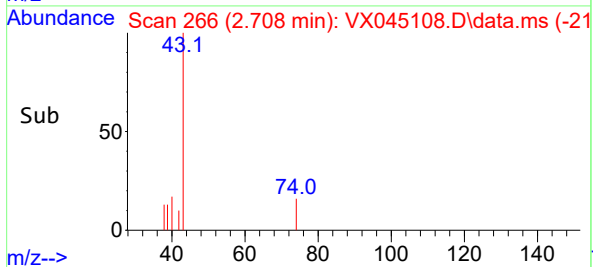
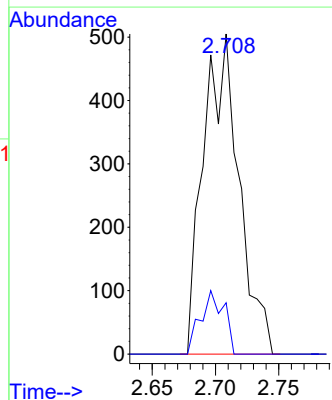
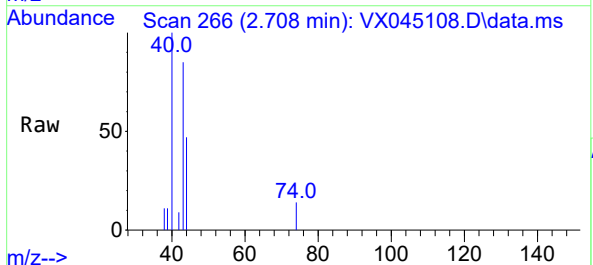


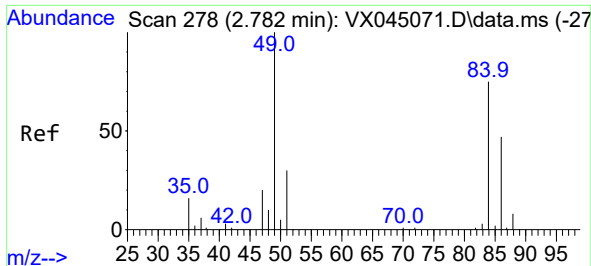
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 37.3 24.2 36.4#



#18
Methyl Acetate
Concen: 0.68 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: 0.30 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.000 min

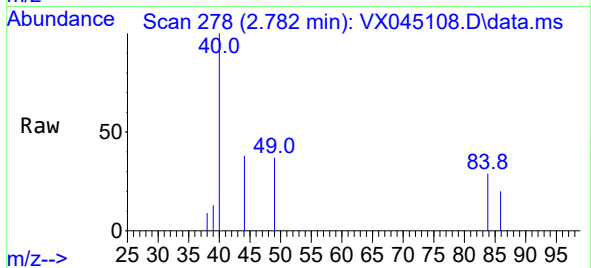
Lab File: VX045108.D

Acq: 03 Mar 2025 13:23

Instrument :

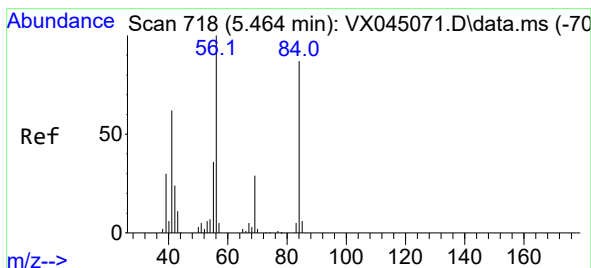
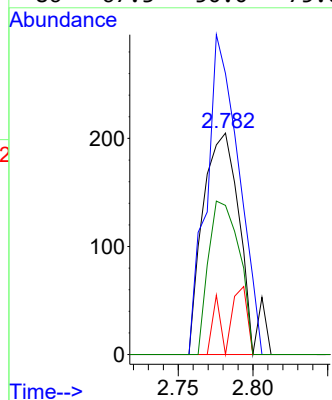
MSVOA_X

ClientSampleId :



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: 1.20 ug/l

RT: 5.525 min Scan# 728

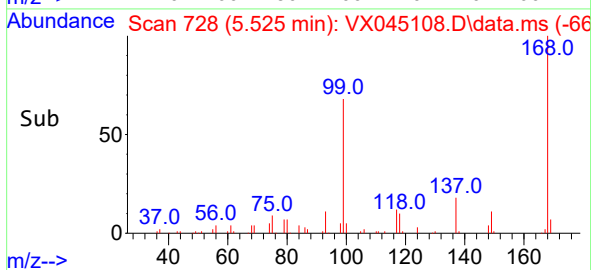
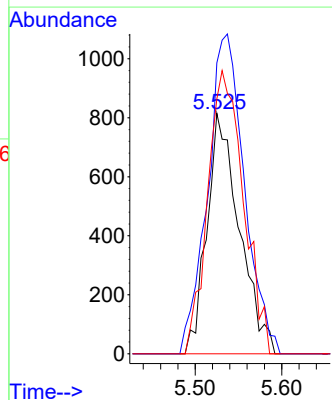
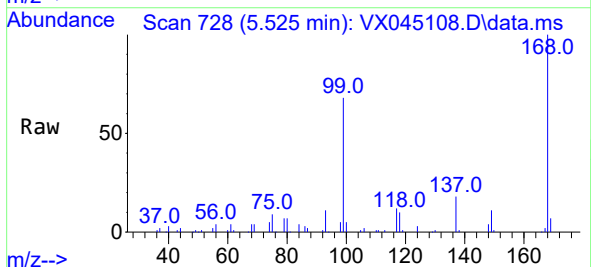
Delta R.T. 0.061 min

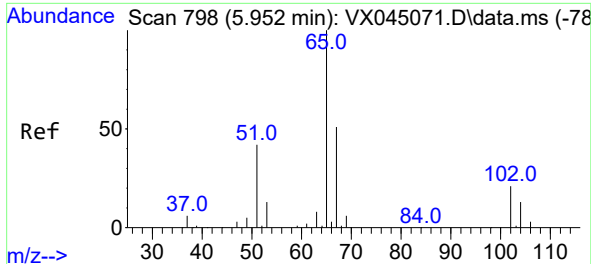
Lab File: VX045108.D

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: 51.44 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

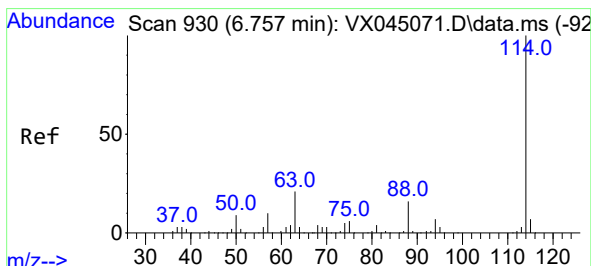
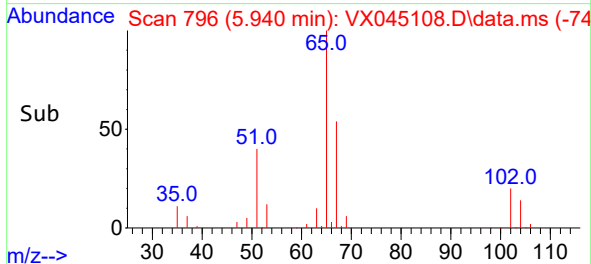
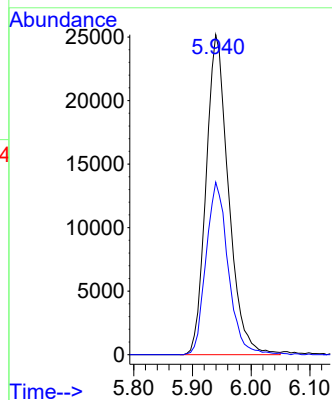
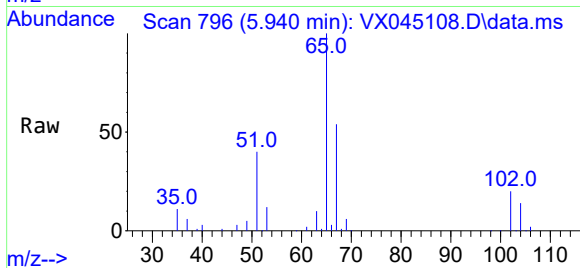
ClientSampleId :

Tgt Ion: 65 Resp: 66756

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.007 min

Lab File: VX045108.D

Acq: 03 Mar 2025 13:23

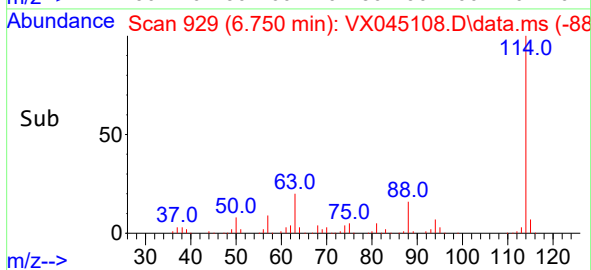
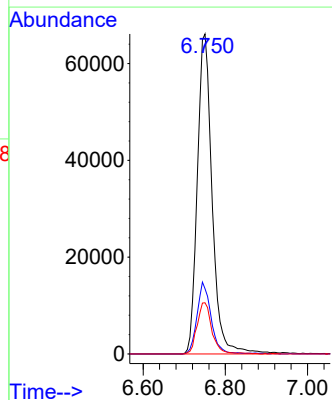
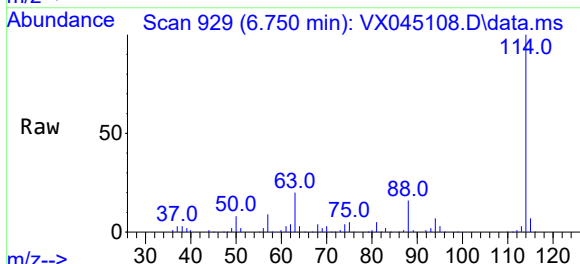
Tgt Ion: 114 Resp: 165592

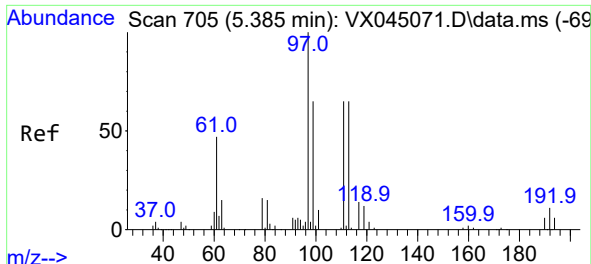
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.8

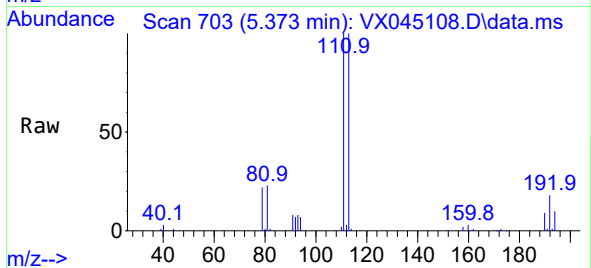
88 16.0 0.0 32.8



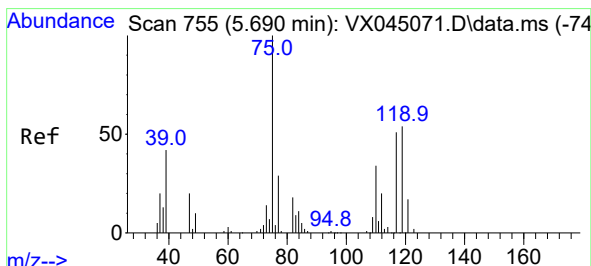
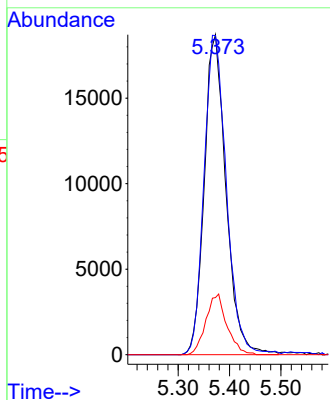
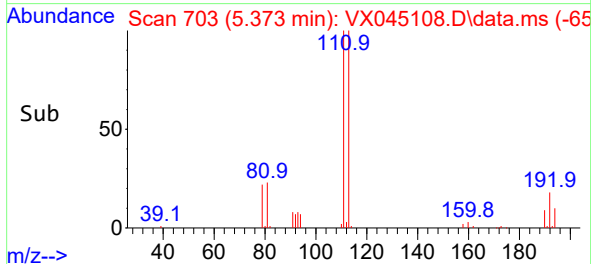


#35
Dibromofluoromethane
Concen: 49.64 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.013 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

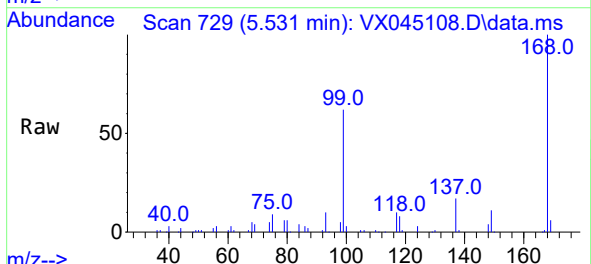
Instrument :
MSVOA_X
ClientSampleId :



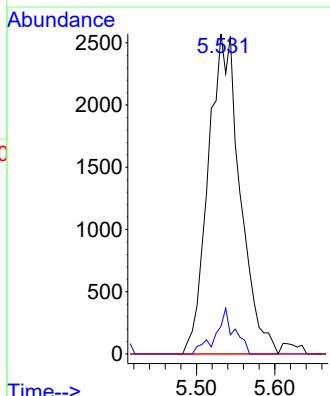
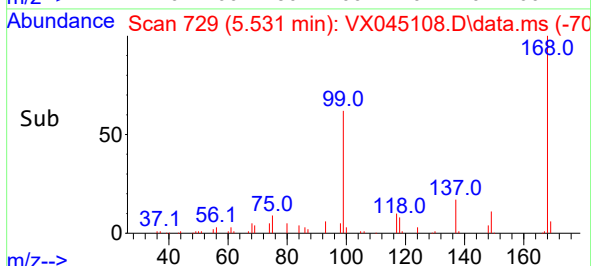
Tgt Ion:113 Resp: 54967
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 18.3 14.3 21.5

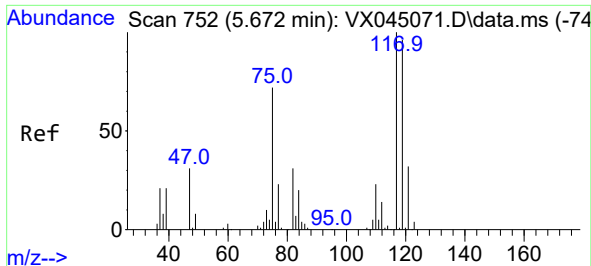


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.159 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23



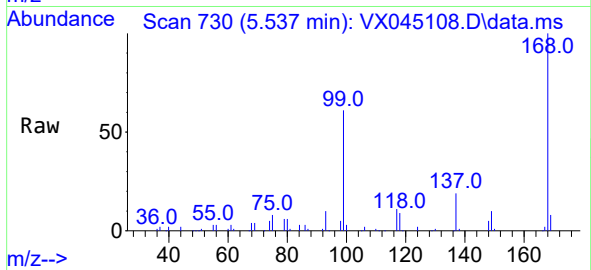
Tgt Ion: 75 Resp: 7270
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 24.5 36.7#



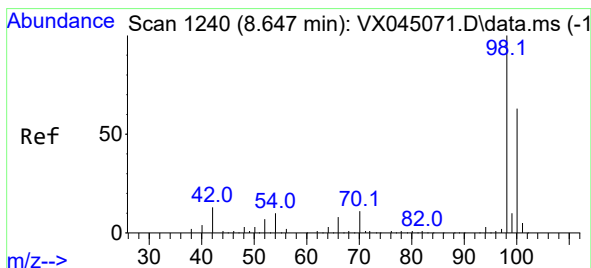
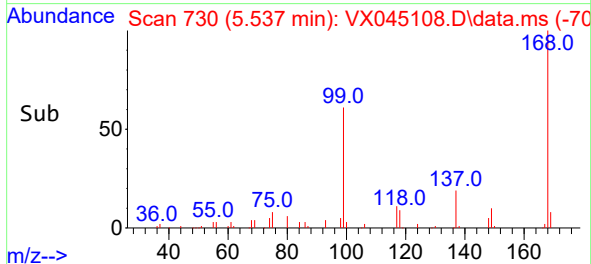
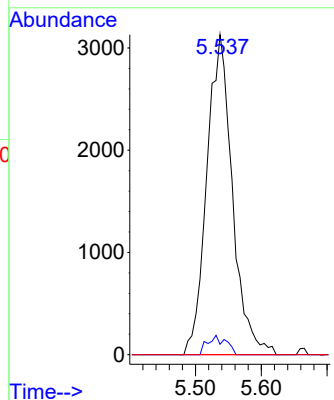


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

Instrument :
MSVOA_X
ClientSampleId :

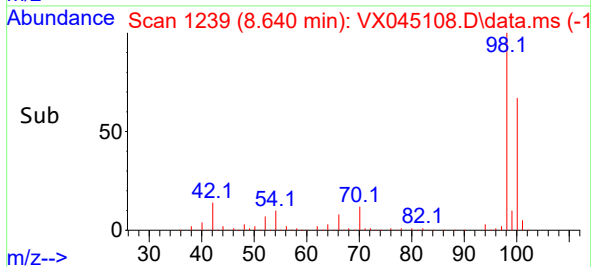
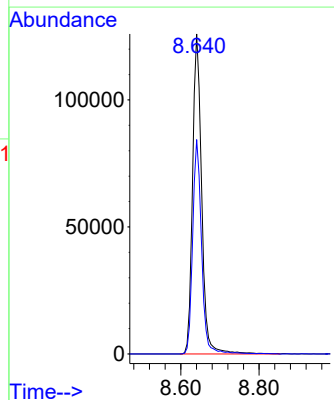
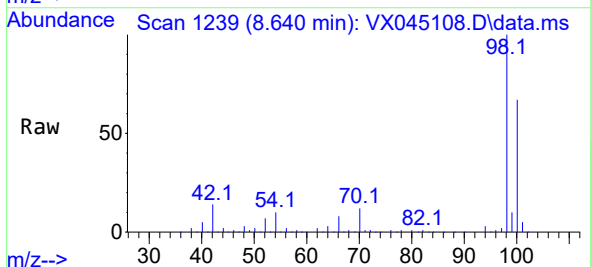


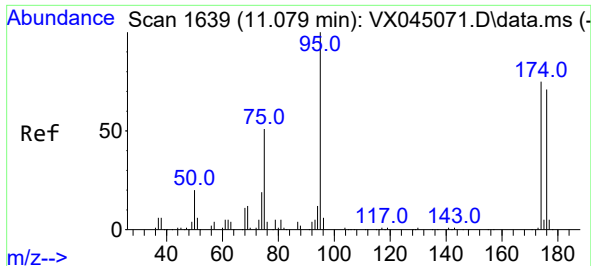
Tgt Ion:117 Resp: 8469
Ion Ratio Lower Upper
117 100
119 3.3 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.62 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

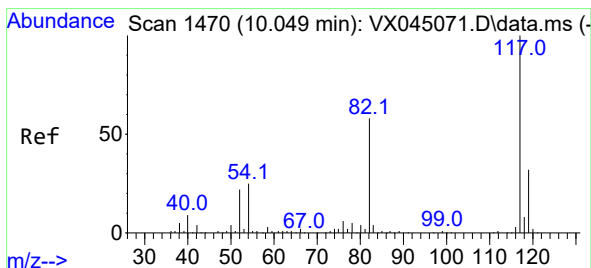
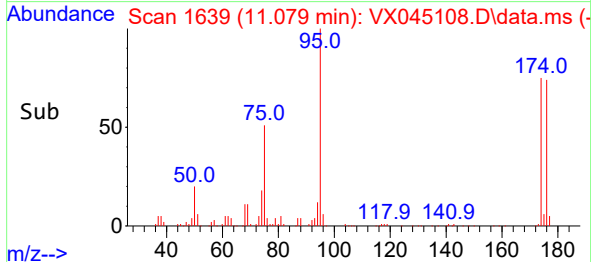
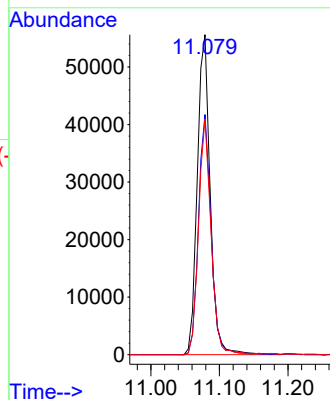
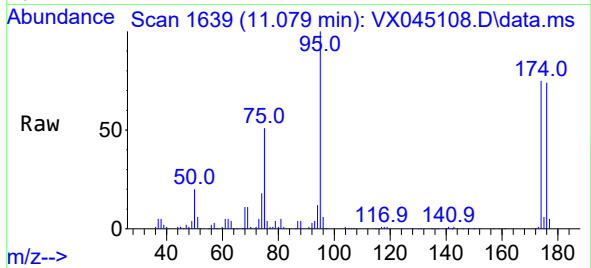




#62
4-Bromofluorobenzene
Concen: 54.92 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045108.D
Acq: 03 Mar 2025 13:23

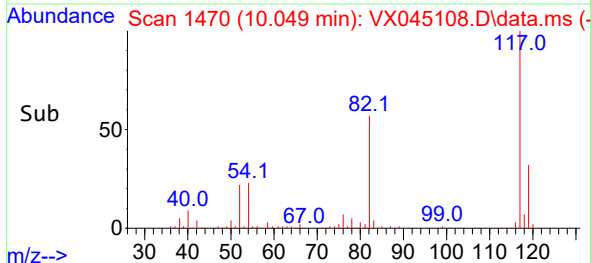
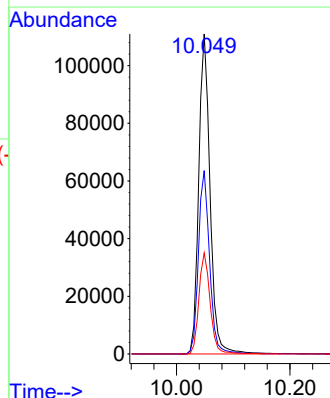
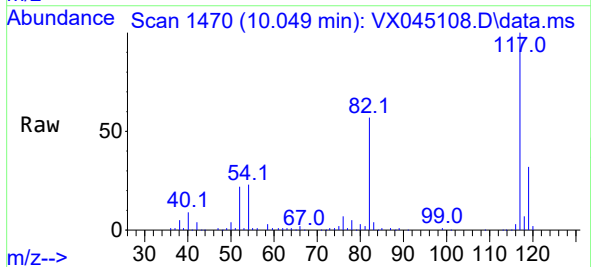
Instrument :
MSVOA_X
ClientSampleId :

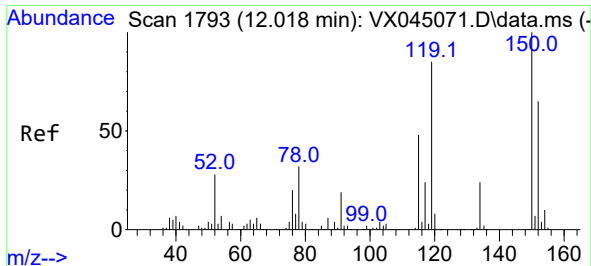
Tgt Ion: 95 Resp: 73061
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.2
176 71.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.00 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

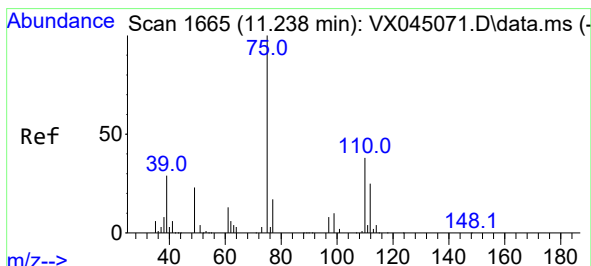
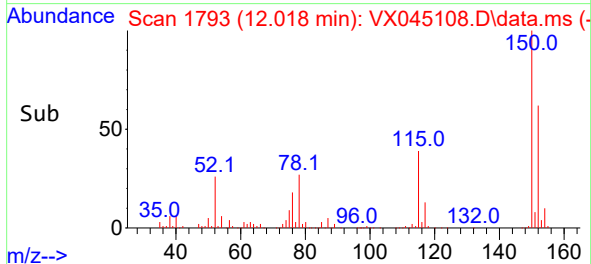
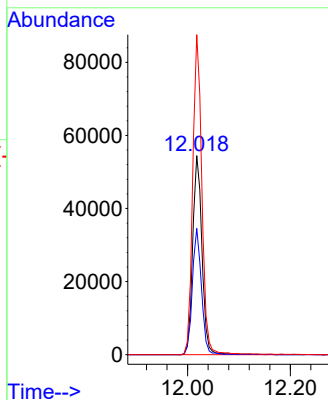
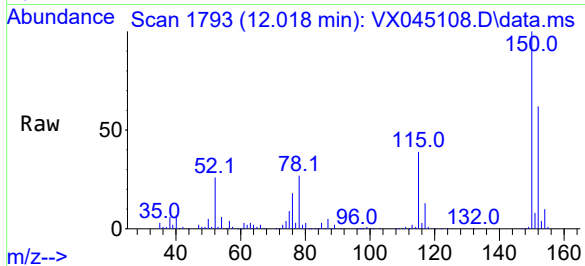




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045108.D
 Acq: 03 Mar 2025 13:23

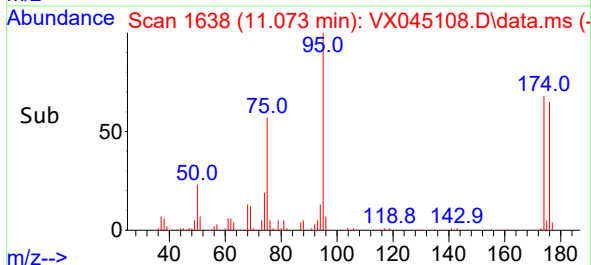
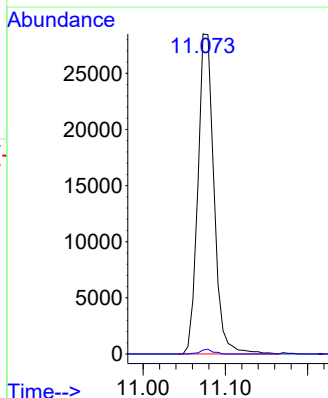
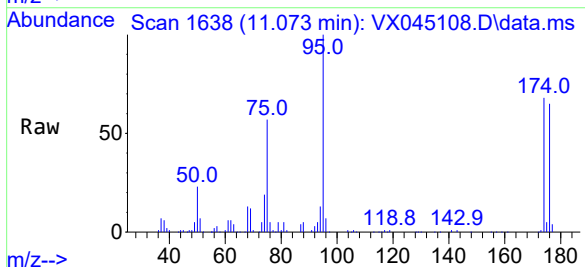
Instrument :
 MSVOA_X
 ClientSampleId :

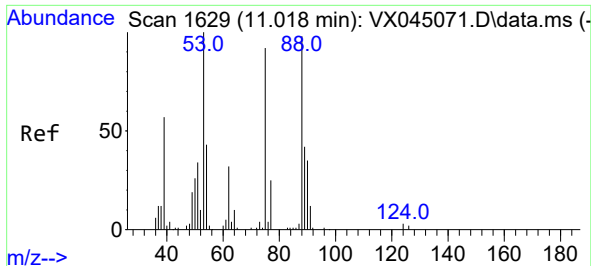
Tgt Ion:152 Resp: 68603
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.2 132.6
 150 158.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.30 ug/l
 RT: 11.073 min Scan# 1638
 Delta R.T. -0.165 min
 Lab File: VX045108.D
 Acq: 03 Mar 2025 13:23

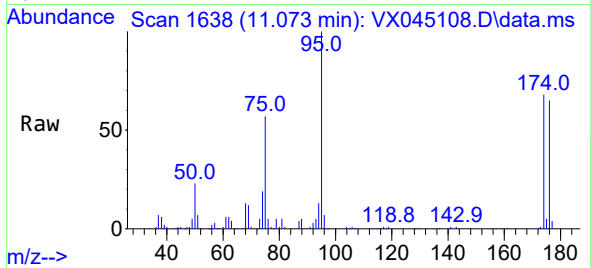
Tgt Ion: 75 Resp: 38803
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.16 ug/l
 RT: 11.073 min Scan# 1
 Delta R.T. 0.054 min
 Lab File: VX045108.D
 Acq: 03 Mar 2025 13:23

Instrument :
 MSVOA_X
 ClientSampleId :



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#

