

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039576.D
 Acq On : 02 Jan 2024 16:54
 Operator : JC/MD
 Sample : P1002-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:15:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

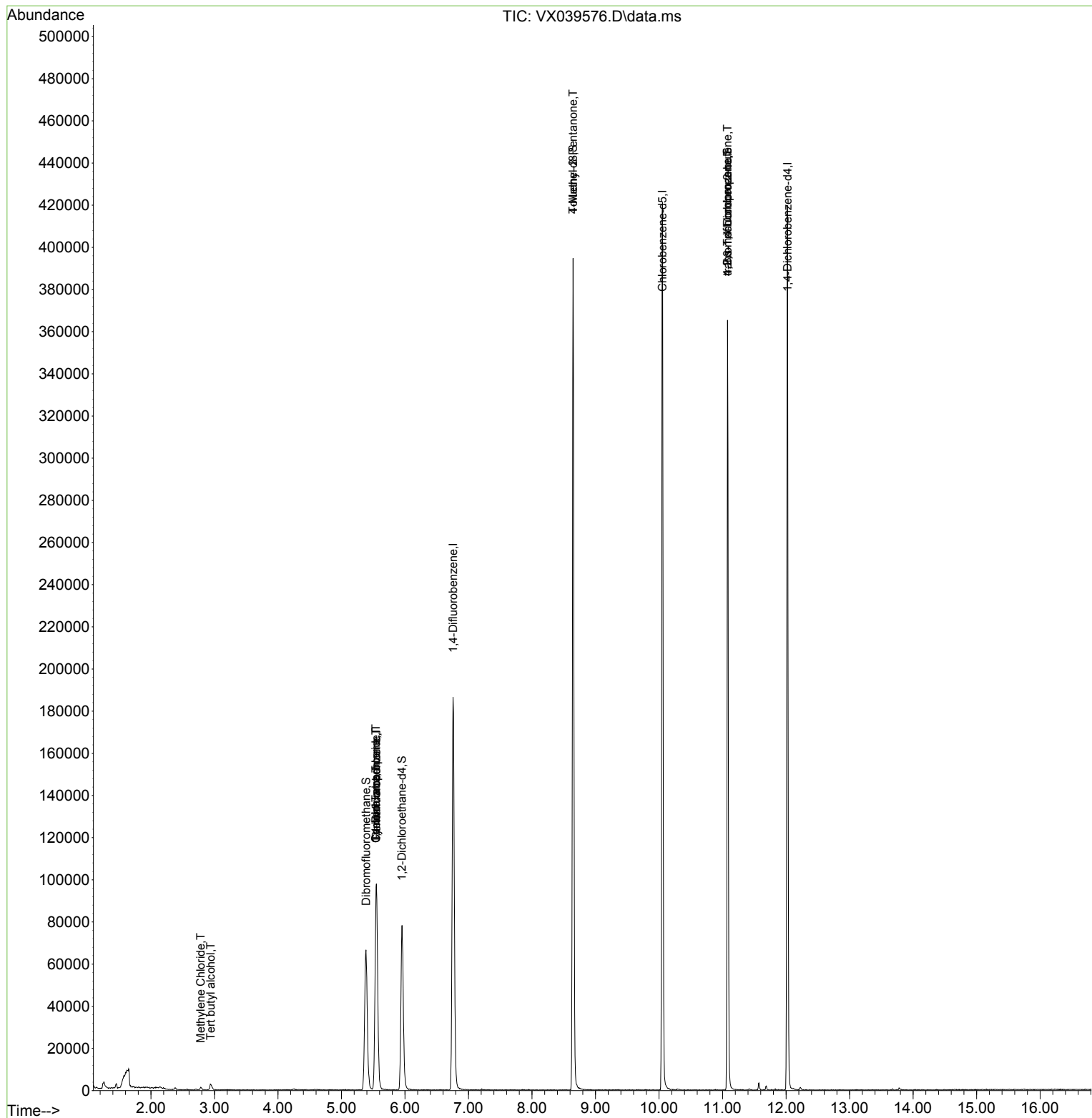
Internal Standards						
1) Pentafluorobenzene	5.549	168	86083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74222	47.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.385	113	59257	47.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.646	98	231179	49.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	97277	50.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1968	4.970	ug/l #	78
16) Acetone	2.379	43	880	Below Cal	#	69
20) Methylene Chloride	2.782	84	667	0.507	ug/l #	75
31) Cyclohexane	5.543	56	2434	1.195	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	8350	4.230	ug/l #	45
38) Carbon Tetrachloride	5.543	117	9507	5.047	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1277	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53520	25.693	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53520	72.480	ug/l #	5

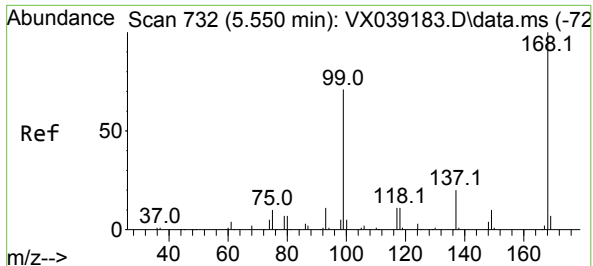
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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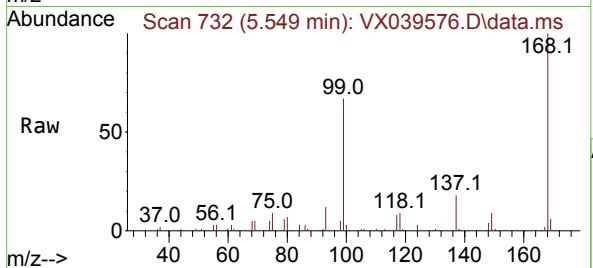
Quant Time: Jan 03 04:15:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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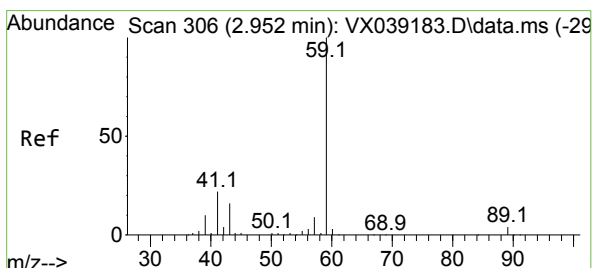
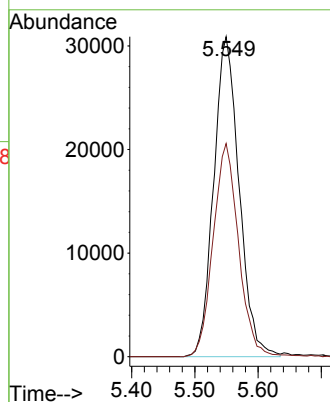
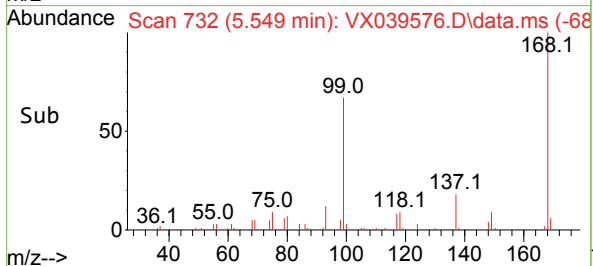


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :

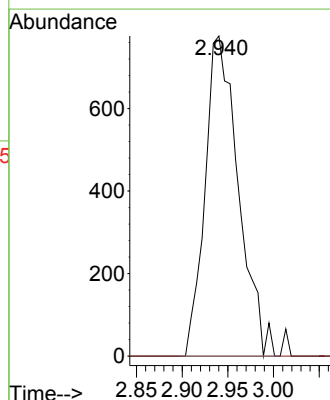
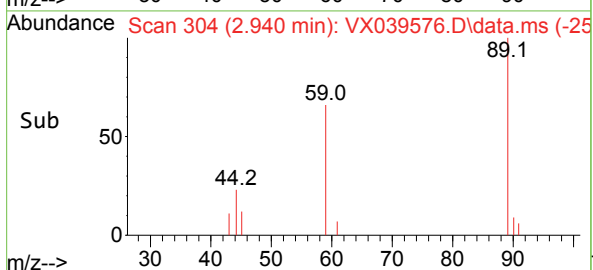
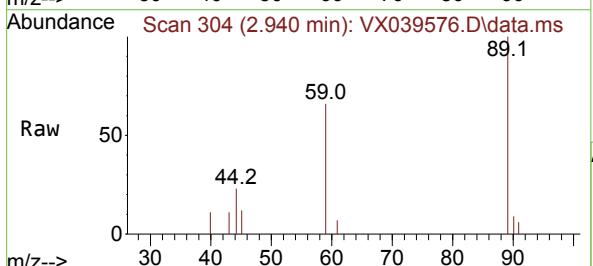


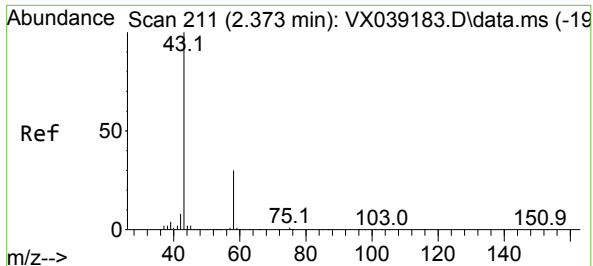
Tgt Ion:168 Resp: 86083
Ion Ratio Lower Upper
168 100
99 66.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.970 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 59 Resp: 1968
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

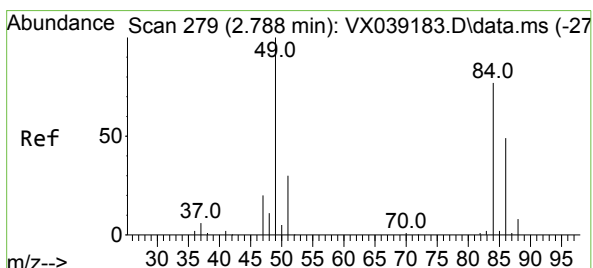
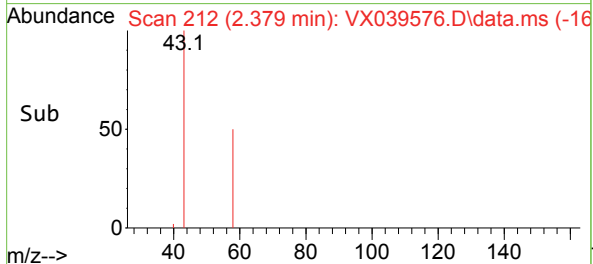
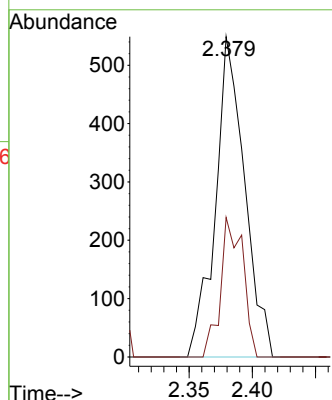
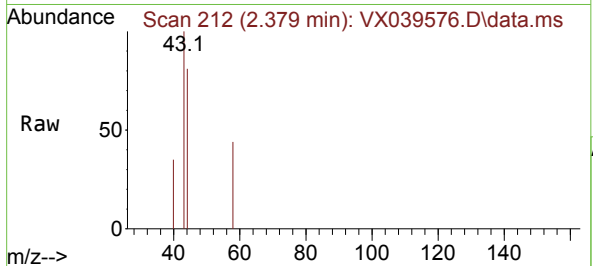




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

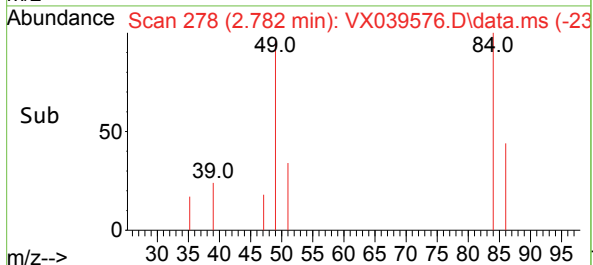
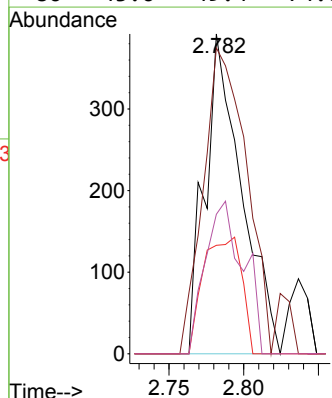
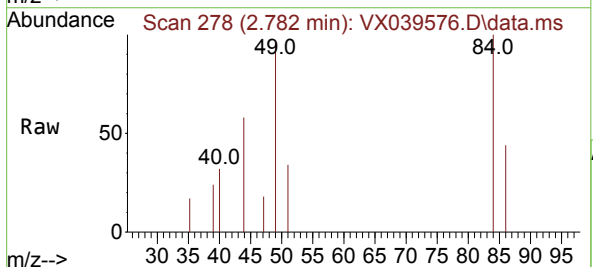
Instrument :
MSVOA_X
ClientSampleId :

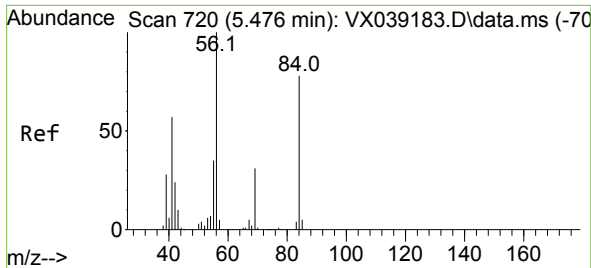
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 43.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

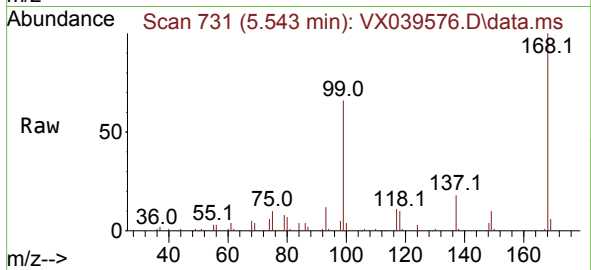
Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 95.7 103.6 155.4#
51 33.9 33.8 50.6
86 43.6 49.4 74.0#



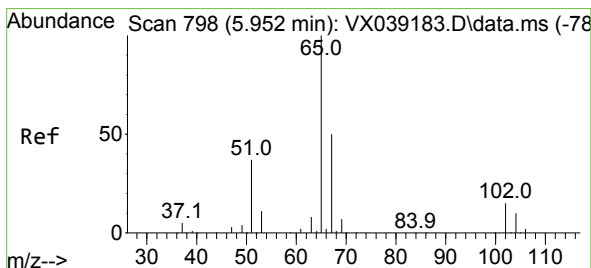
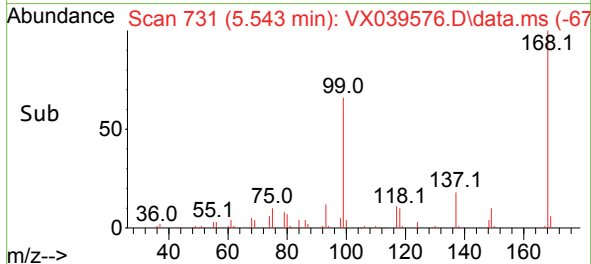
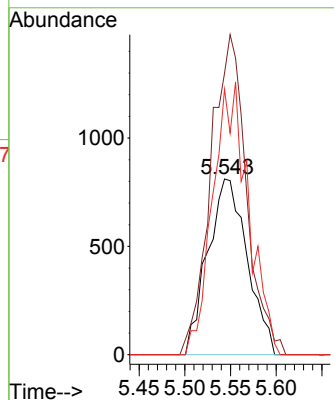


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_X
ClientSampleId :

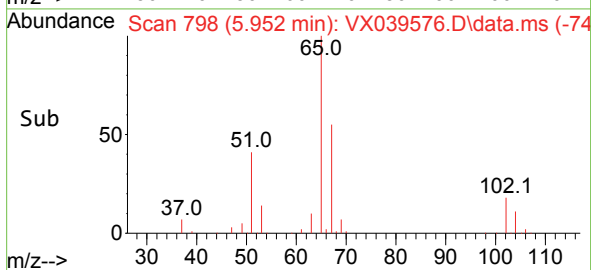
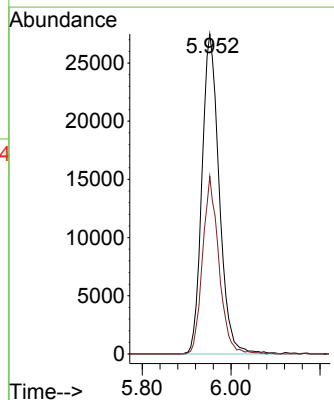
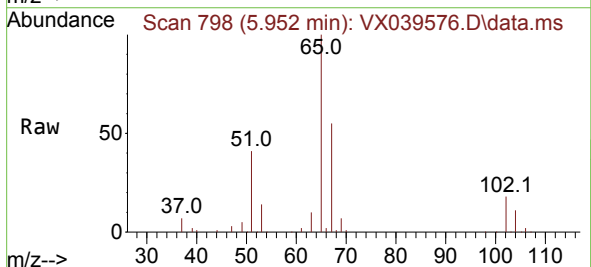


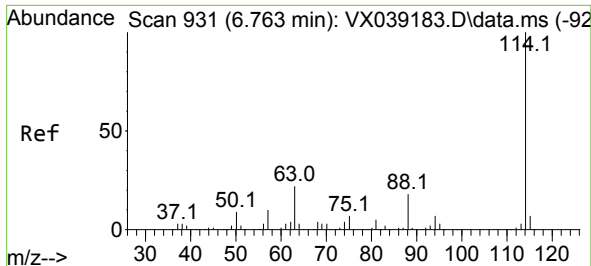
Tgt Ion: 56 Resp: 2434
Ion Ratio Lower Upper
56 100
69 160.2 23.4 35.2#
84 151.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.066 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 65 Resp: 74222
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

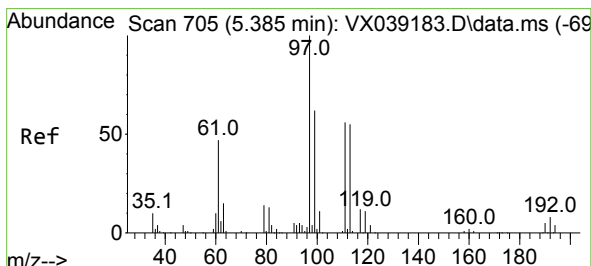
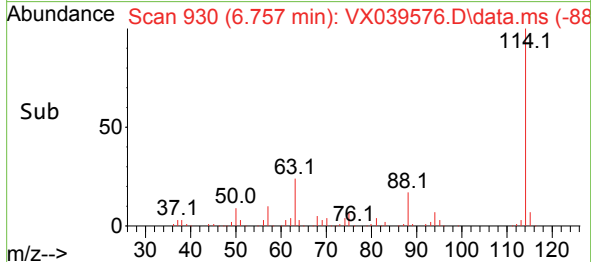
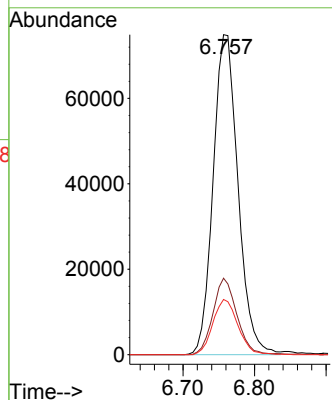
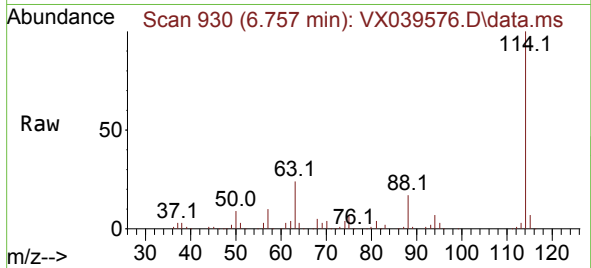




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

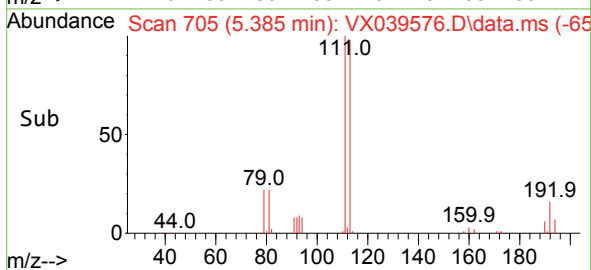
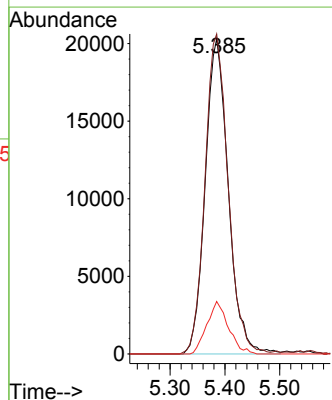
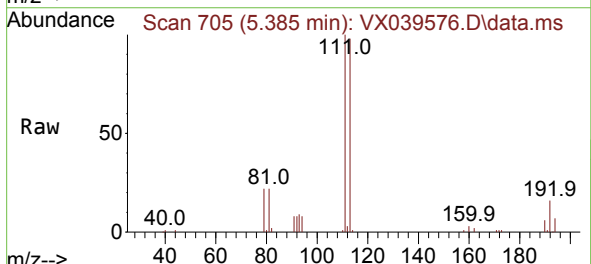
Instrument :
MSVOA_X
ClientSampleId :

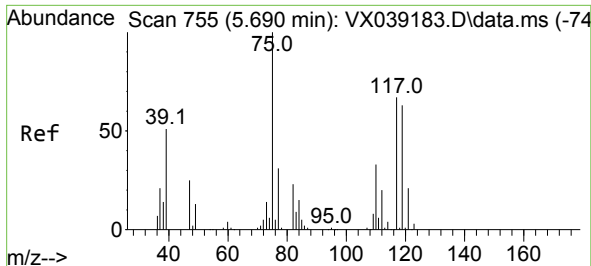
Tgt Ion:114 Resp: 181063
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

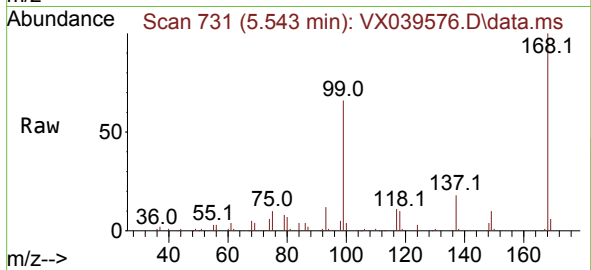
Tgt Ion:113 Resp: 59257
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.6 13.3 19.9



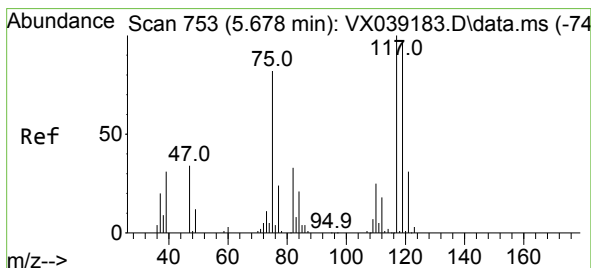
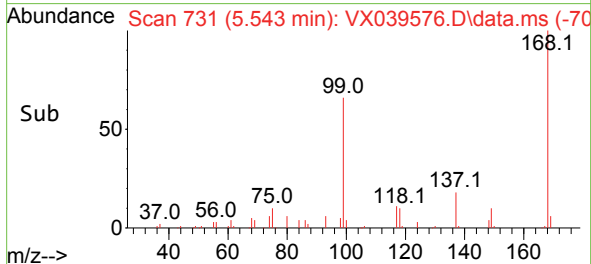
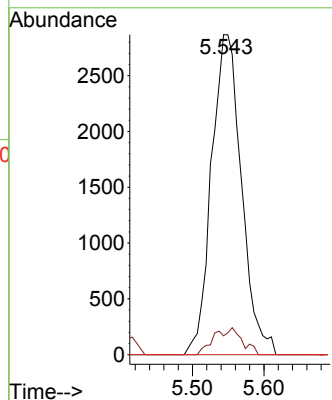


#36
 1,1-Dichloropropene
 Concen: 4.230 ug/l
 RT: 5.543 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX039576.D
 Acq: 02 Jan 2024 16:54

Instrument :
 MSVOA_X
 ClientSampleId :

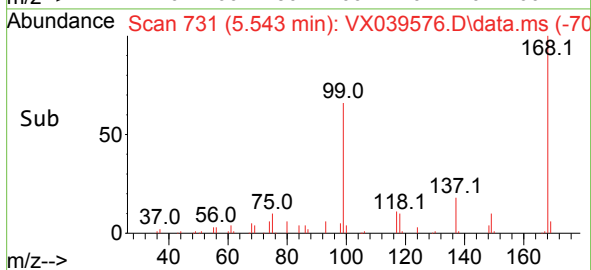
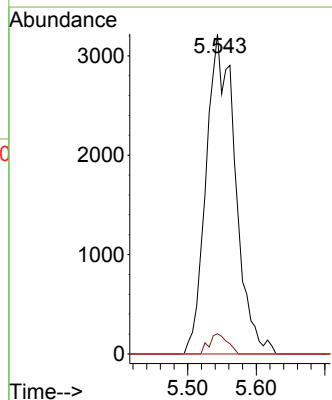
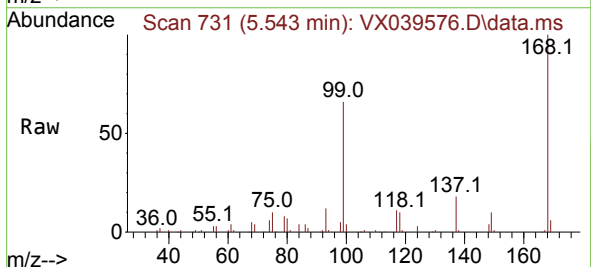


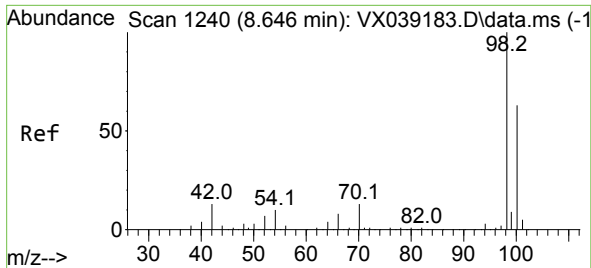
Tgt Ion: 75 Resp: 8350
 Ion Ratio Lower Upper
 75 100
 110 3.5 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.047 ug/l
 RT: 5.543 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX039576.D
 Acq: 02 Jan 2024 16:54

Tgt Ion: 117 Resp: 9507
 Ion Ratio Lower Upper
 117 100
 119 6.3 78.2 117.2#
 121 0.0 24.4 36.6#

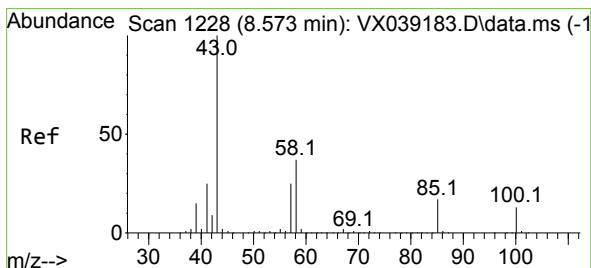
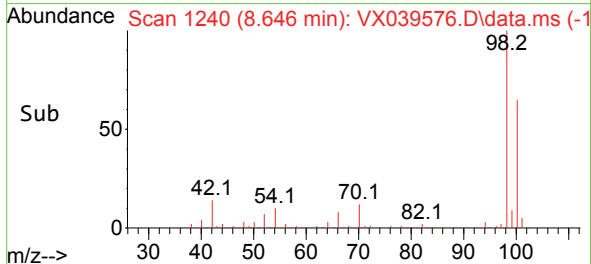
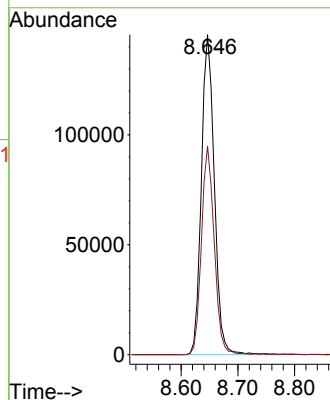
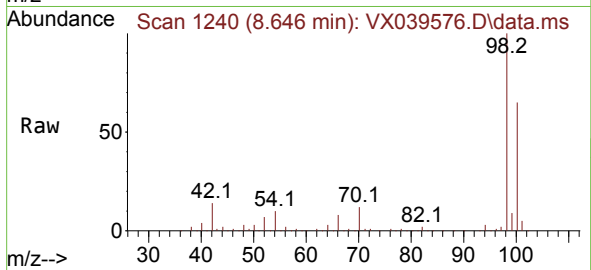




#50
Toluene-d8
Concen: 49.781 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

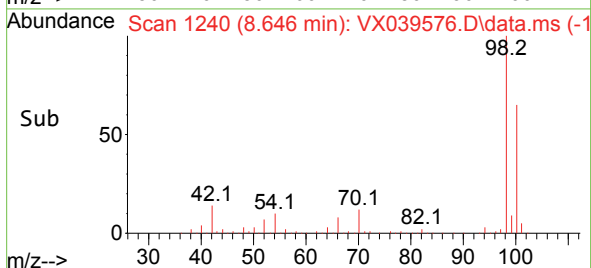
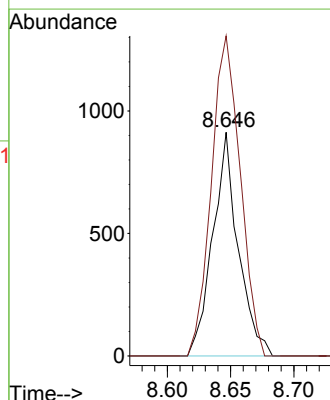
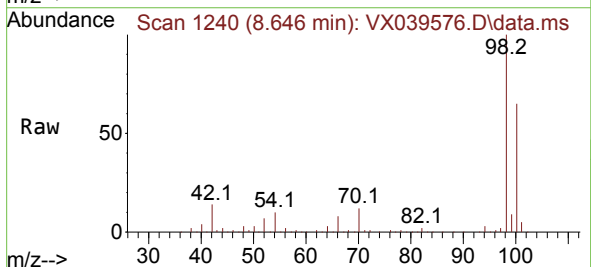
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MSVOA_X
ClientSampleId :

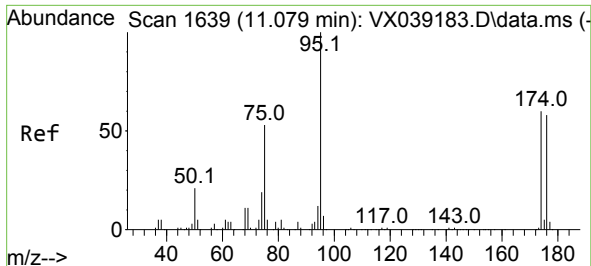
Tgt Ion: 98 Resp: 231179
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 162.8 30.4 45.6#

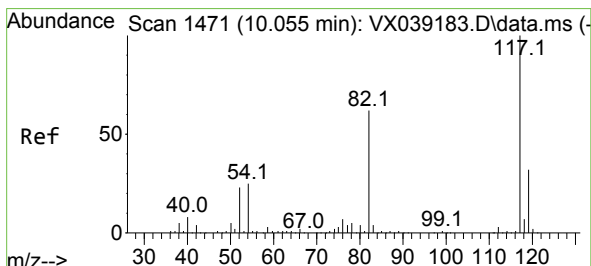
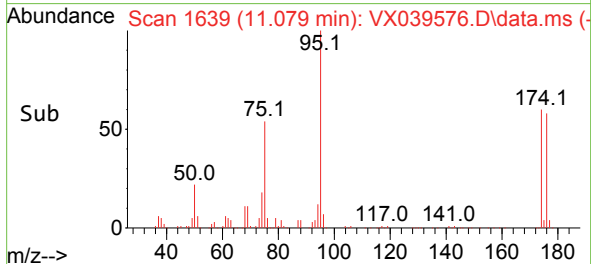
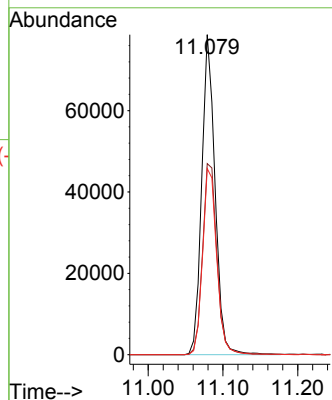
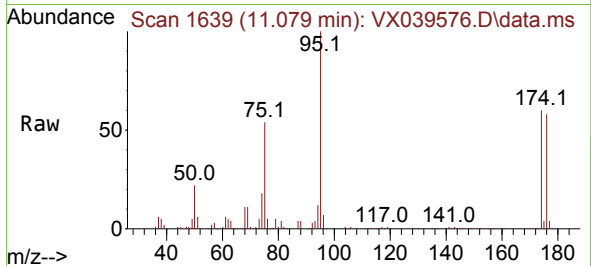




#62
4-Bromofluorobenzene
Concen: 50.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

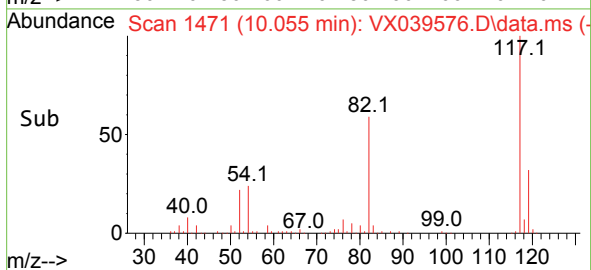
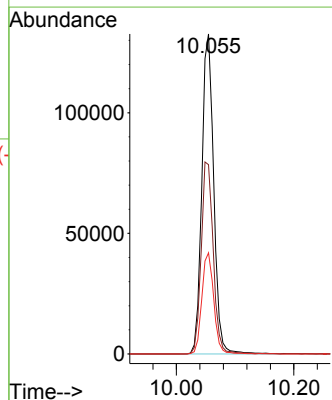
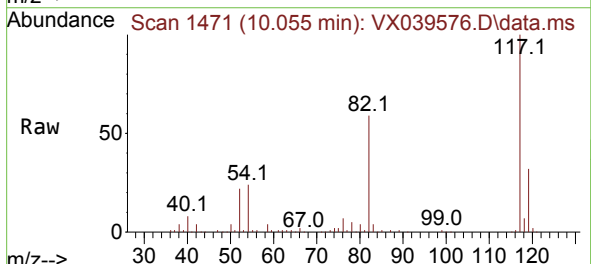
Instrument :
MSVOA_X
ClientSampleId :

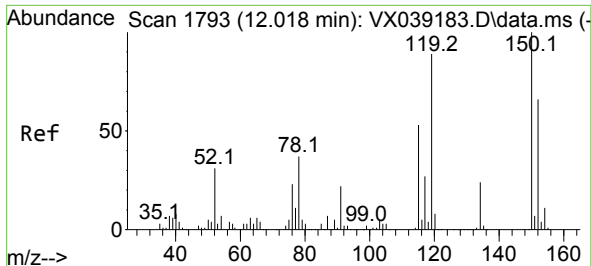
Tgt Ion: 95 Resp: 97277
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 62.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039576.D
Acq: 02 Jan 2024 16:54

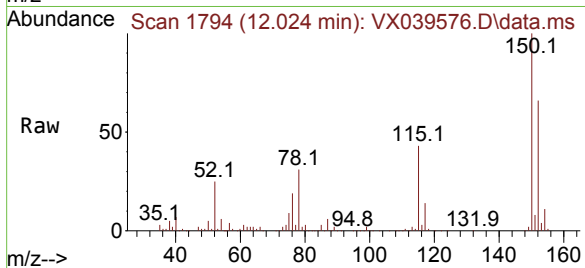
Tgt Ion: 117 Resp: 186555
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 31.6 25.5 38.3



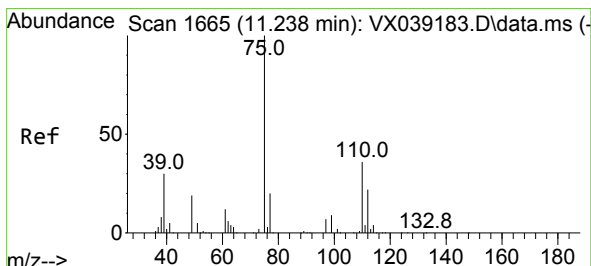
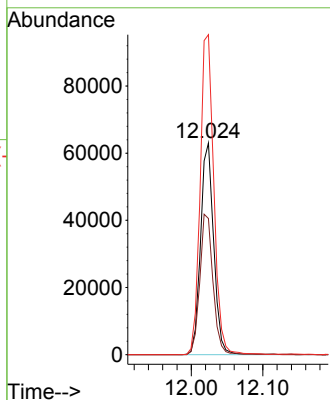
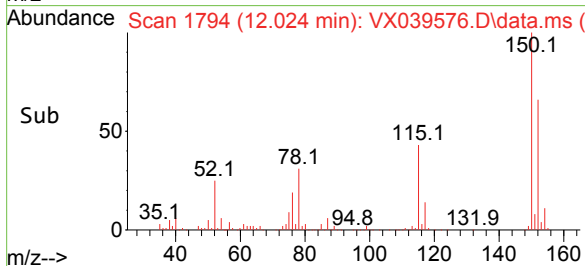


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039576.D
 Acq: 02 Jan 2024 16:54

Instrument :
 MSVOA_X
 ClientSampleId :

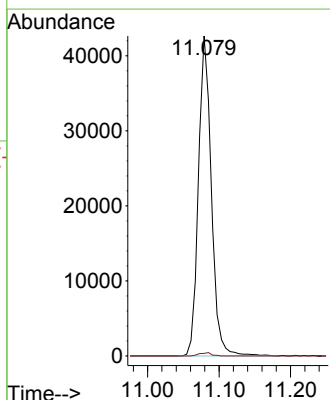
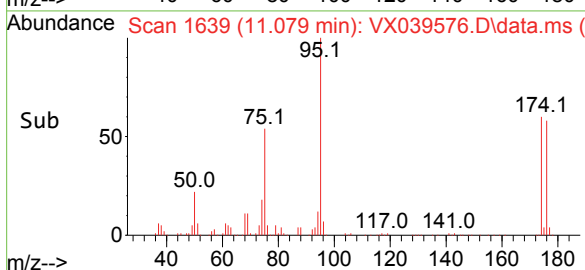
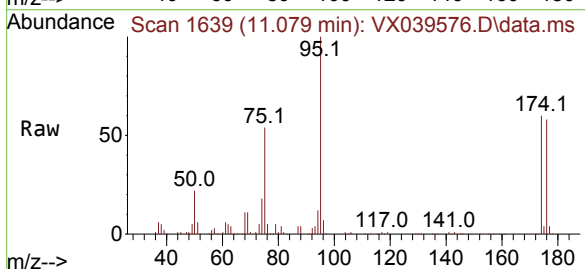


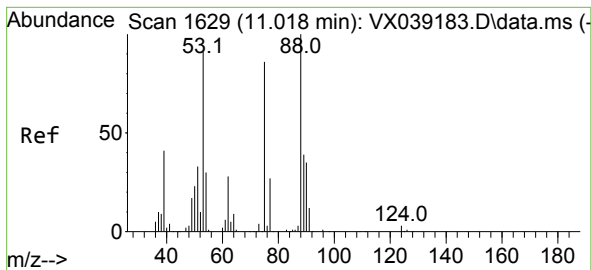
Tgt Ion:152 Resp: 80515
 Ion Ratio Lower Upper
 152 100
 115 66.8 43.3 129.9
 150 156.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.693 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039576.D
 Acq: 02 Jan 2024 16:54

Tgt Ion: 75 Resp: 53520
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.480 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039576.D
 Acq: 02 Jan 2024 16:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 53520
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

