

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039581.D
 Acq On : 02 Jan 2024 18:48
 Operator : JC/MD
 Sample : P1002-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

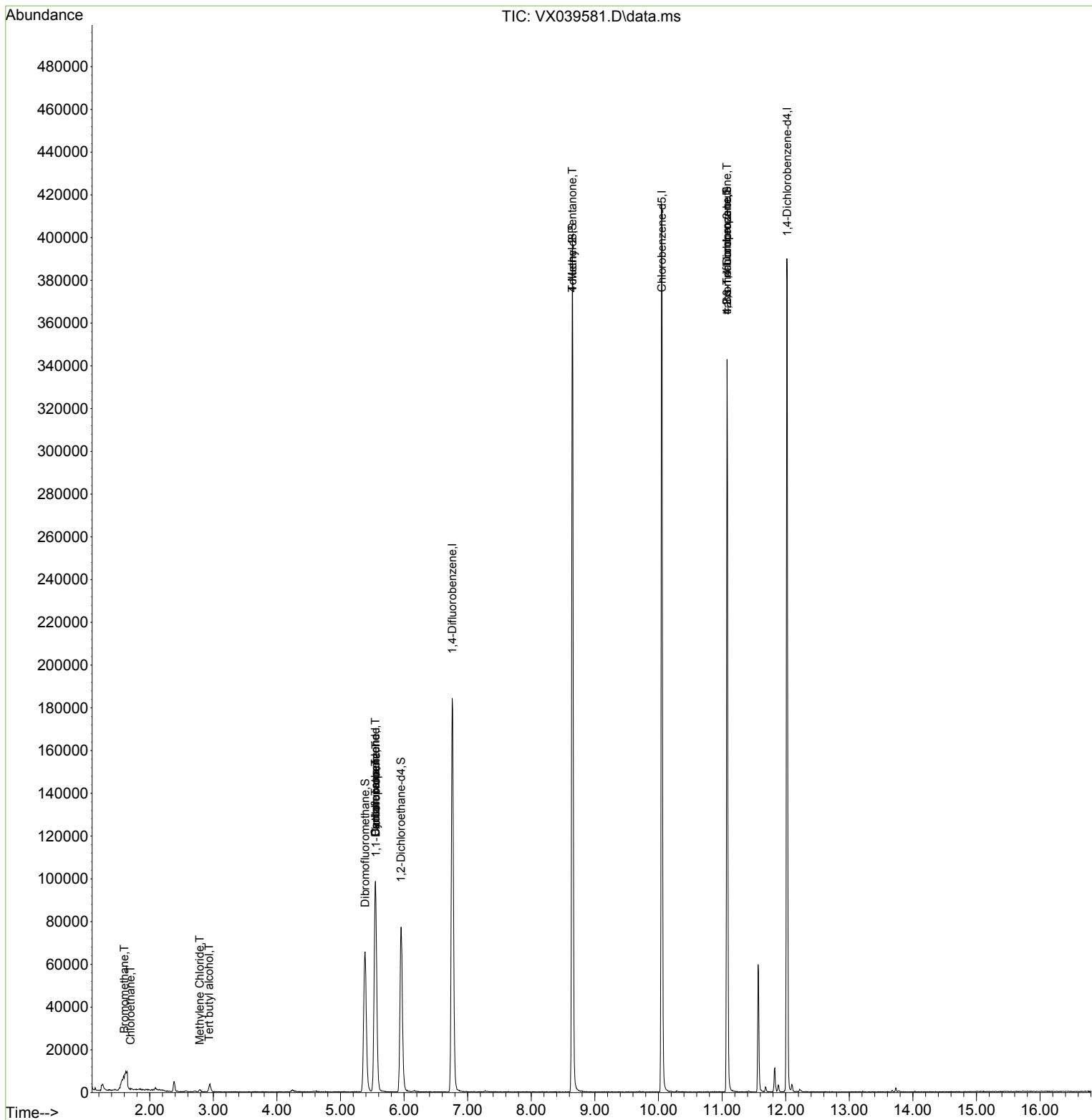
Quant Time: Jan 03 04:16:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

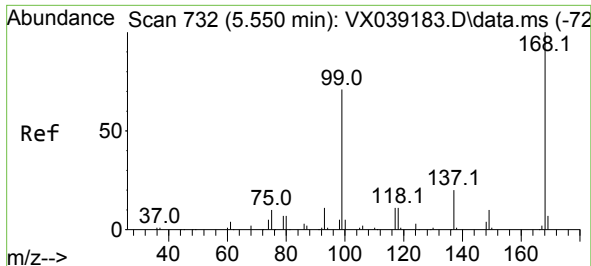
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	86145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74206	47.022	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.385	113	58850	47.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.240%		
50) Toluene-d8	8.647	98	228642	49.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	94138	49.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	261	0.363	ug/l #	3
6) Chloroethane	1.697	64	268	0.356	ug/l #	43
11) Tert butyl alcohol	2.934	59	2255	5.690	ug/l #	78
16) Acetone	2.379	43	5097	Below Cal		98
20) Methylene Chloride	2.788	84	496	0.377	ug/l #	69
31) Cyclohexane	5.550	56	2572	1.262	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	8122	4.121	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9378	4.986	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1271	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51220	25.542	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51220	72.055	ug/l #	5

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

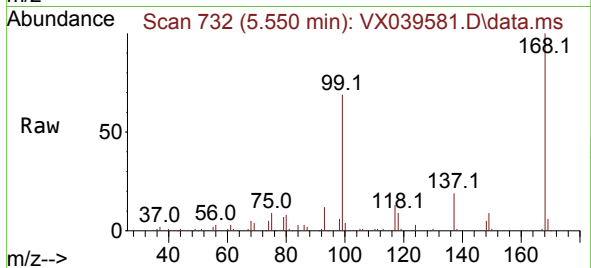
Quant Time: Jan 03 04:16:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



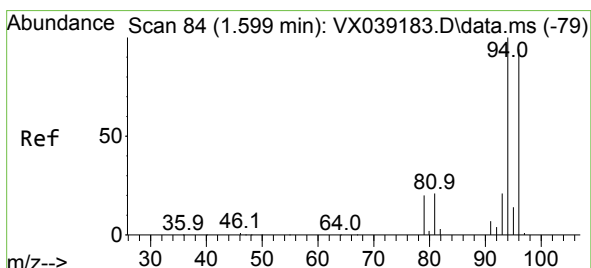
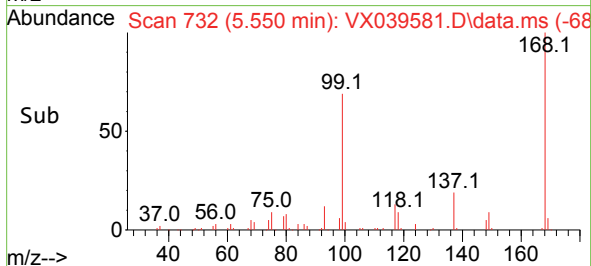
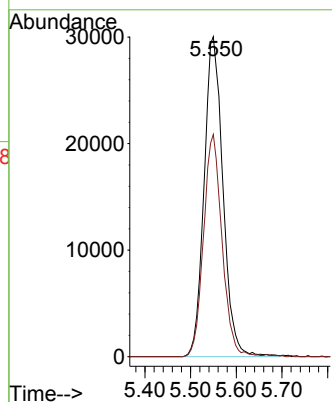


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

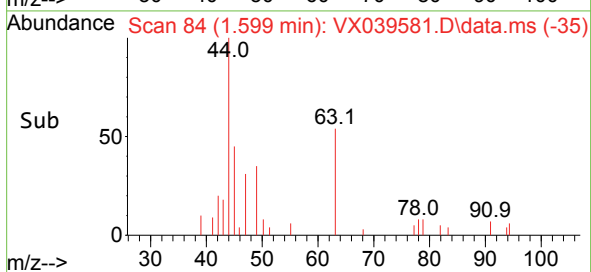
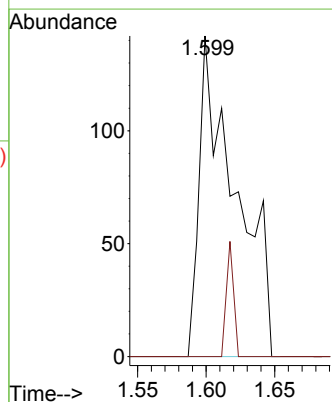
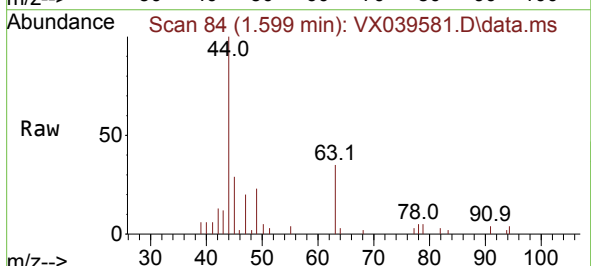


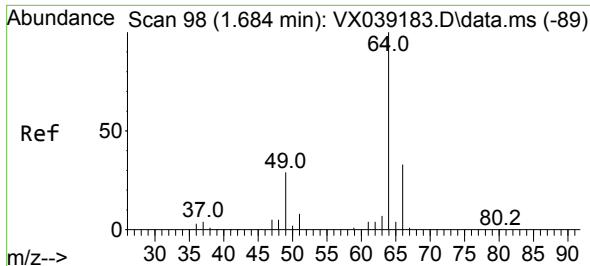
Tgt Ion:168 Resp: 86145
Ion Ratio Lower Upper
168 100
99 69.5 56.6 85.0



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

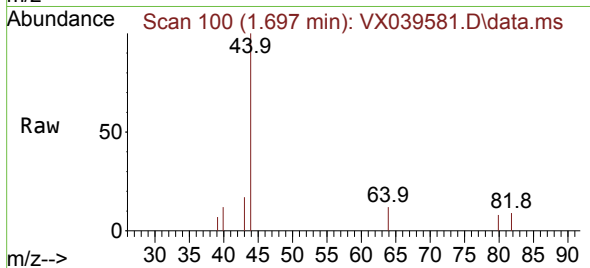
Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



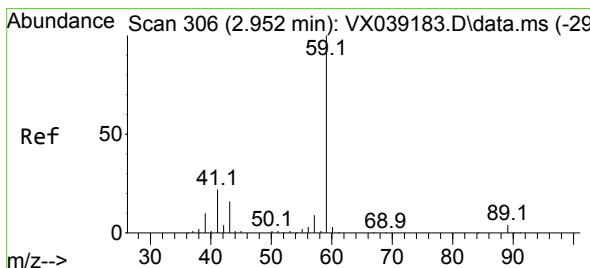
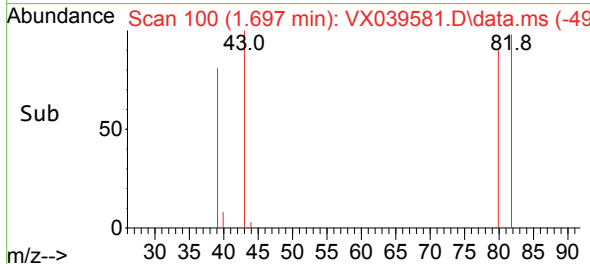
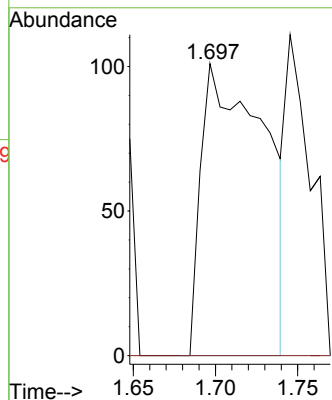


#6
Chloroethane
Concen: 0.356 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

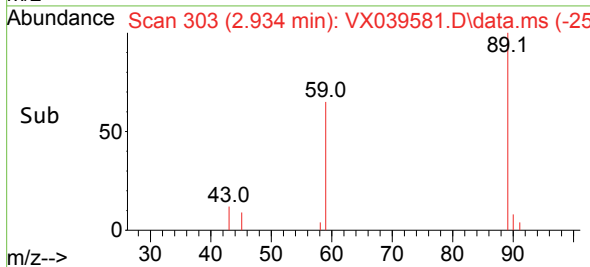
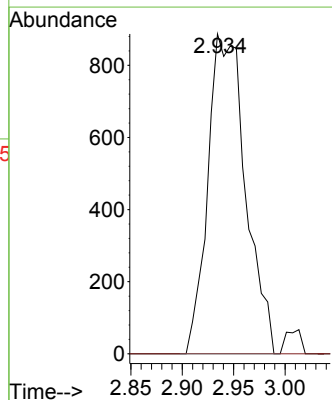
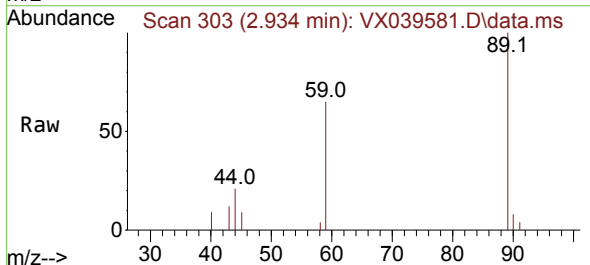


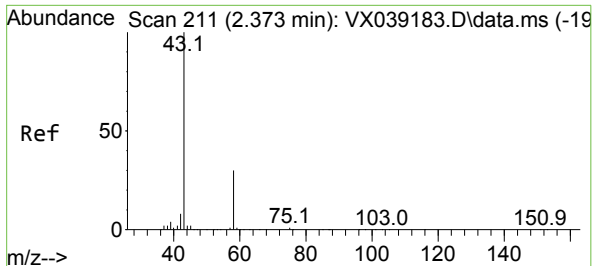
Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 5.690 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.018 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Tgt Ion: 59 Resp: 2255
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

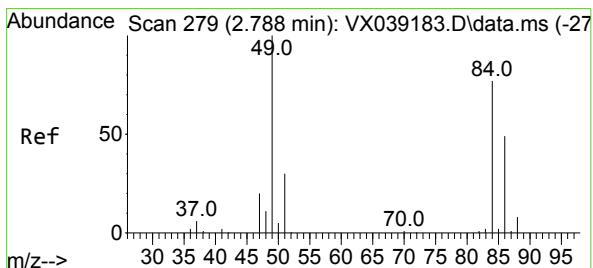
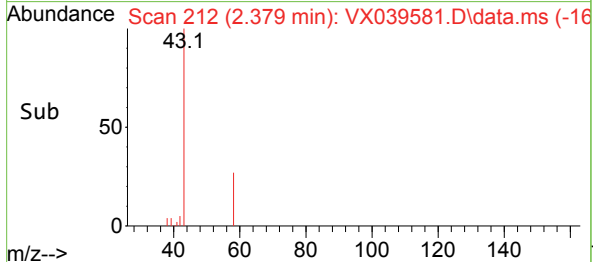
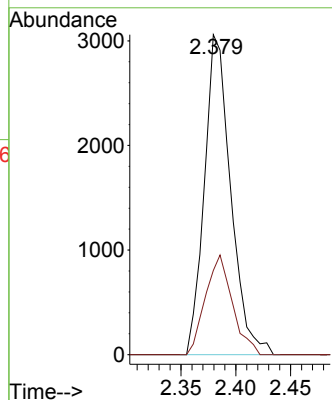
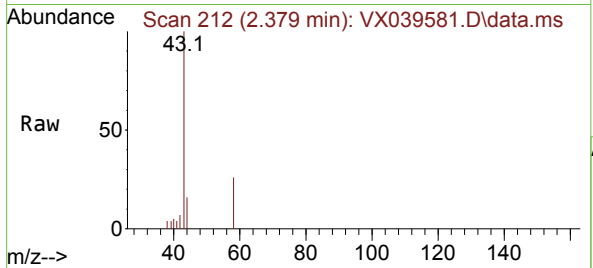




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

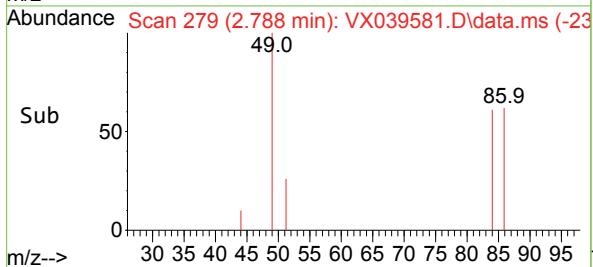
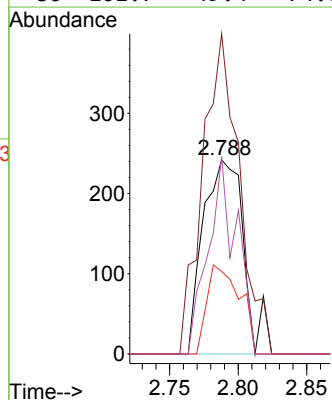
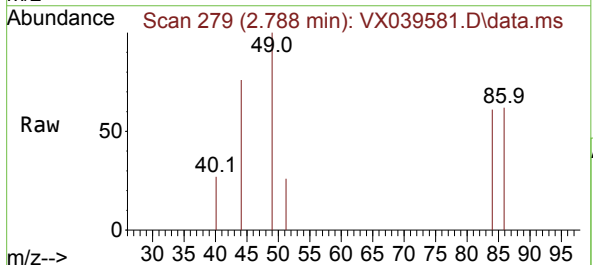
Instrument :
MSVOA_X
ClientSampleId :

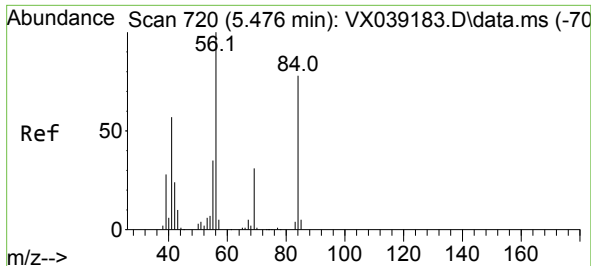
Tgt Ion: 43 Resp: 5097
Ion Ratio Lower Upper
43 100
58 26.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

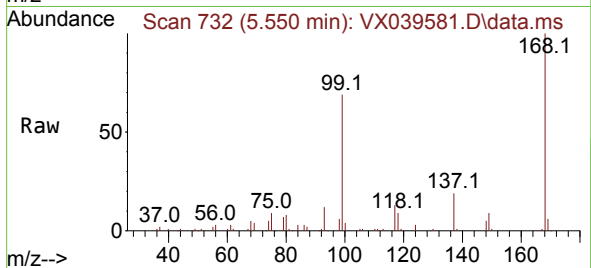
Tgt Ion: 84 Resp: 496
Ion Ratio Lower Upper
84 100
49 164.9 103.6 155.4#
51 42.6 33.8 50.6
86 101.7 49.4 74.0#



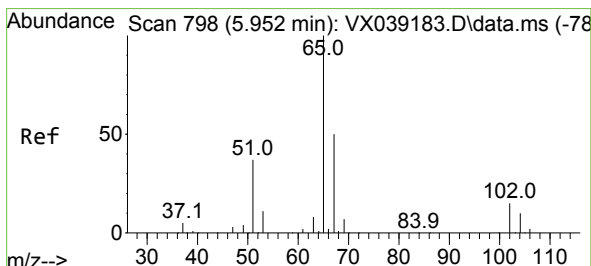
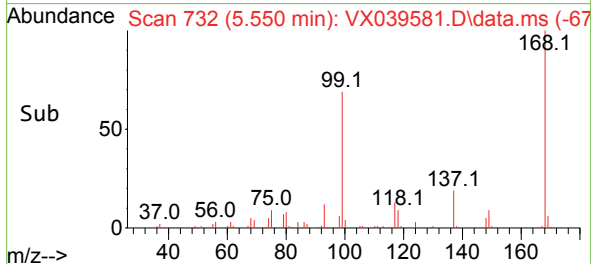
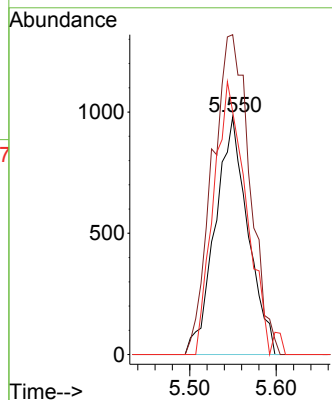


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

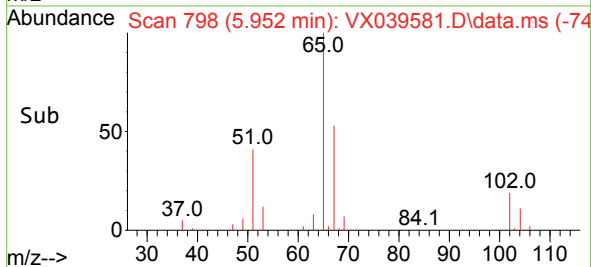
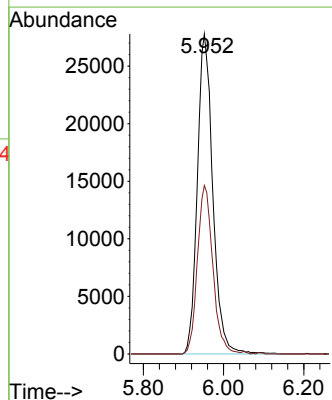
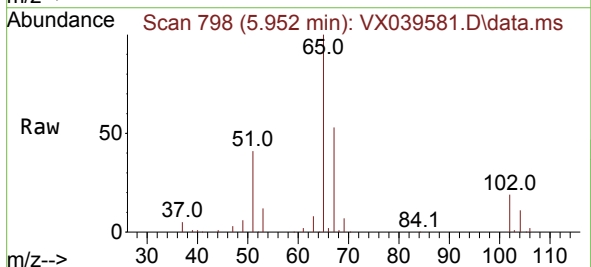


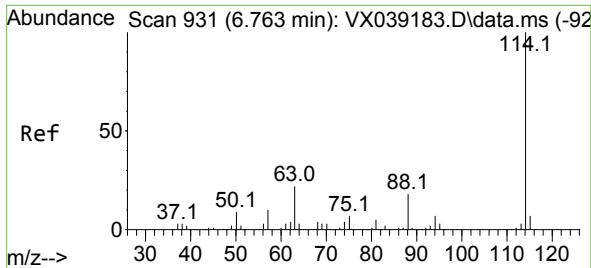
Tgt Ion: 56 Resp: 2572
Ion Ratio Lower Upper
56 100
69 134.7 23.4 35.2#
84 102.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Tgt Ion: 65 Resp: 74206
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

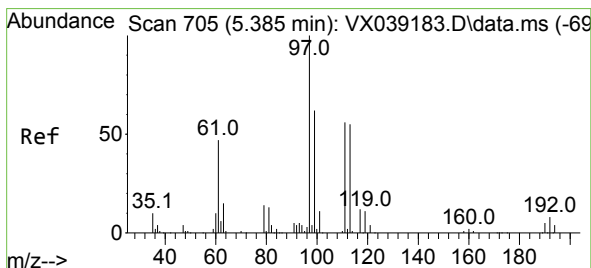
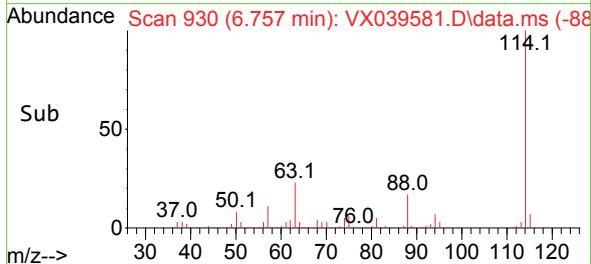
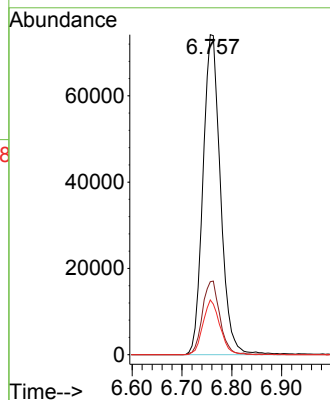
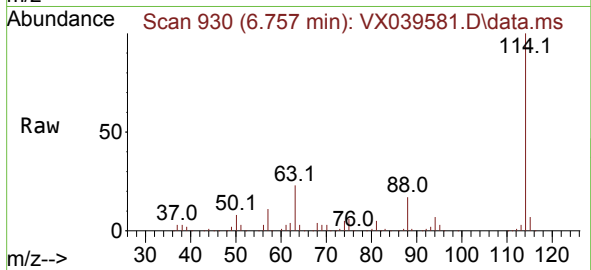




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

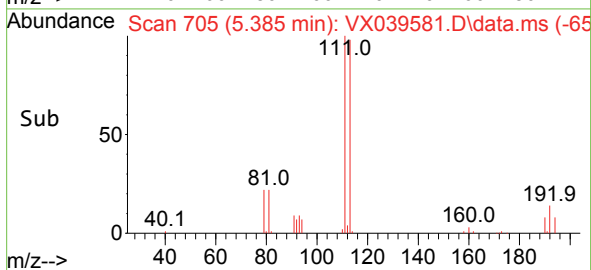
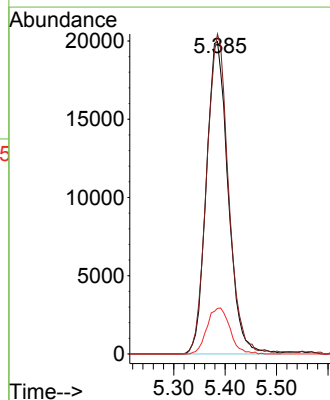
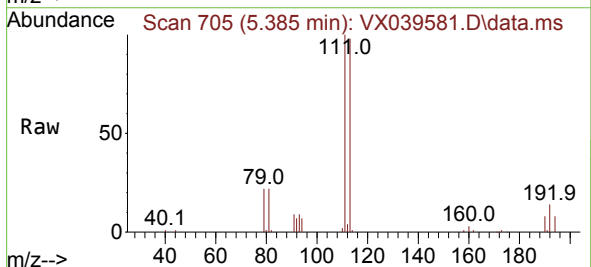
Instrument :
MSVOA_X
ClientSampleId :

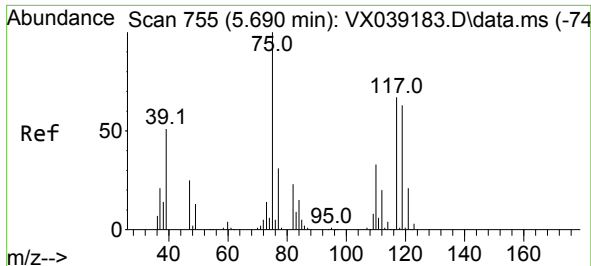
Tgt Ion:114 Resp: 180774
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.123 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

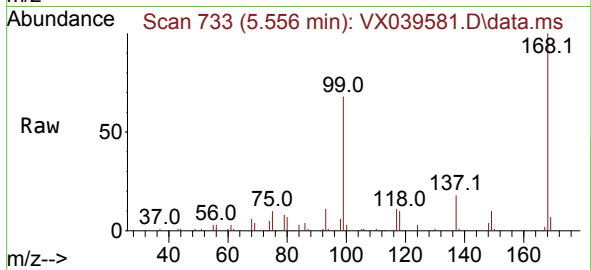
Tgt Ion:113 Resp: 58850
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.5 13.3 19.9



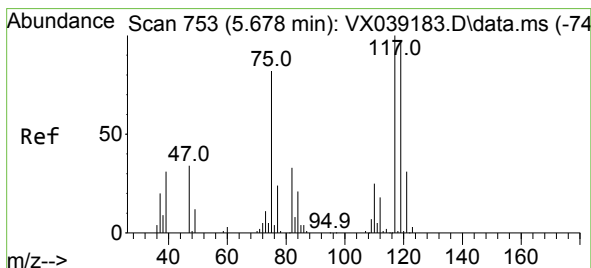
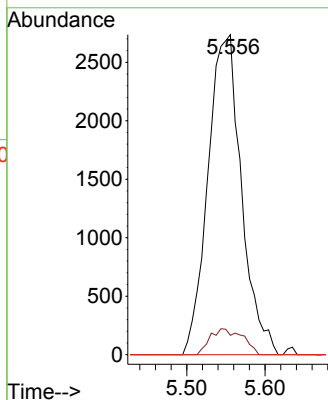
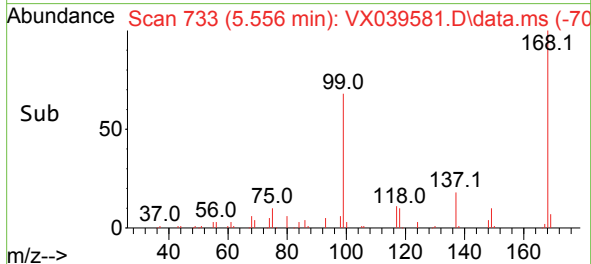


#36
1,1-Dichloropropene
Concen: 4.121 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :

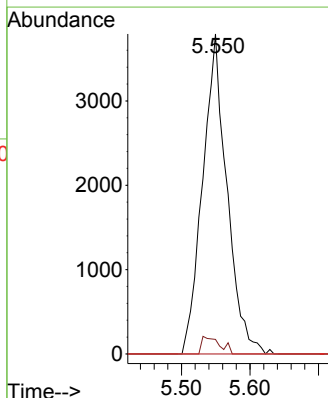
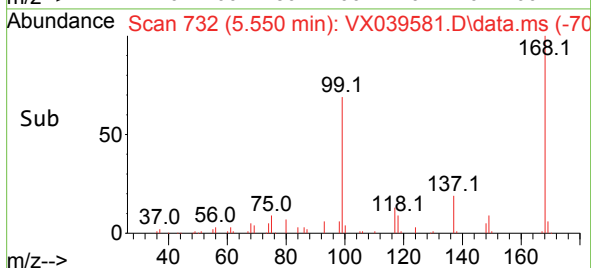
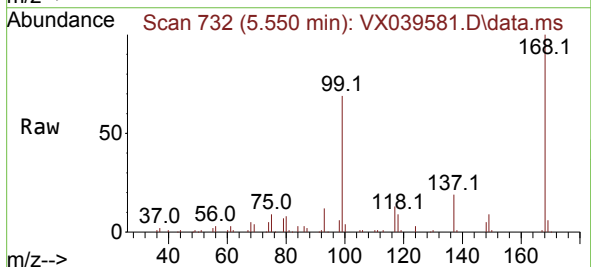


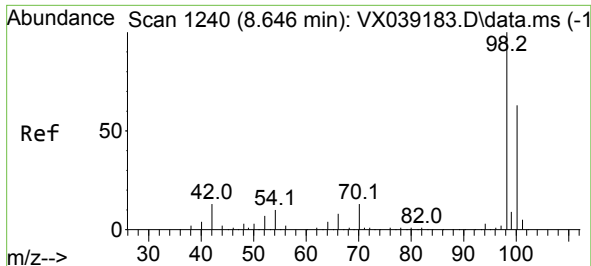
Tgt Ion: 75 Resp: 8122
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Tgt Ion: 117 Resp: 9378
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

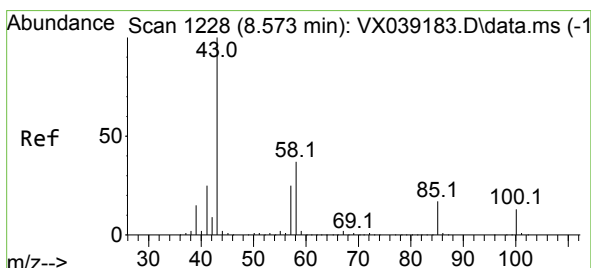
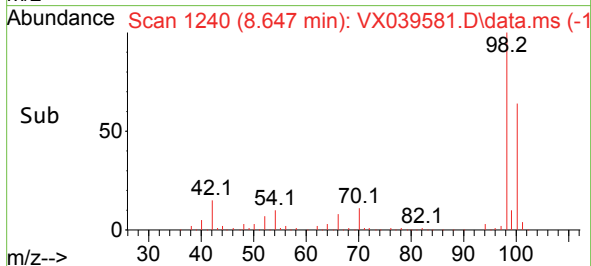
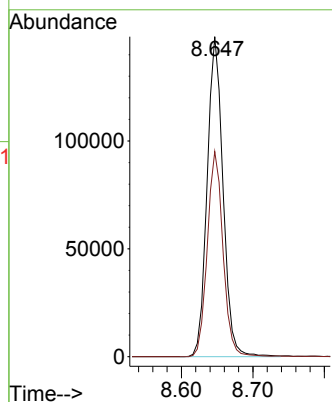
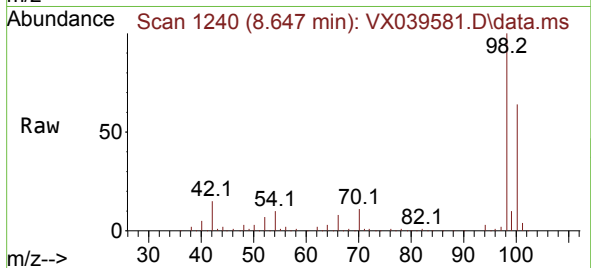




#50
Toluene-d8
Concen: 49.314 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

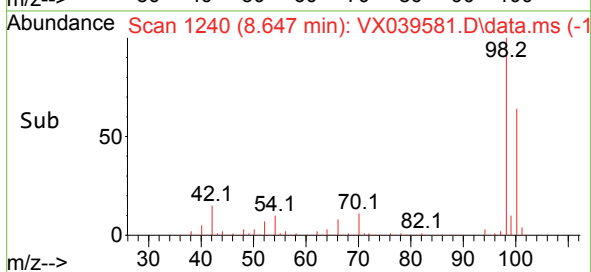
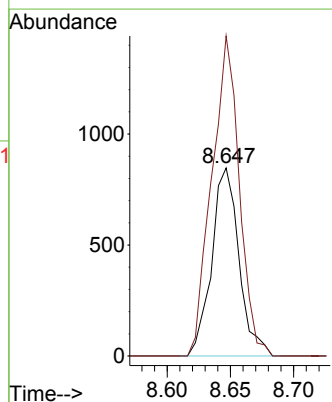
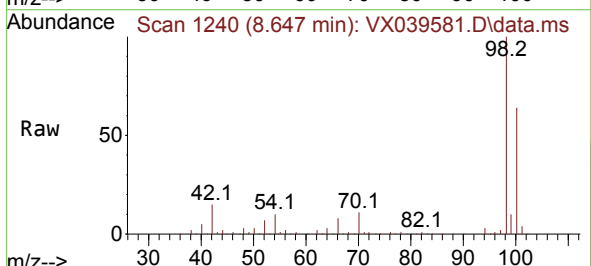
Instrument :
MSVOA_X
ClientSampleId :

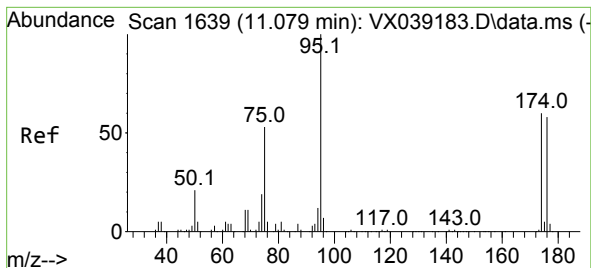
Tgt Ion: 98 Resp: 228642
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 171.6 30.4 45.6#

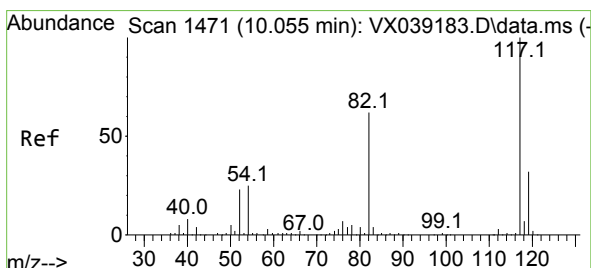
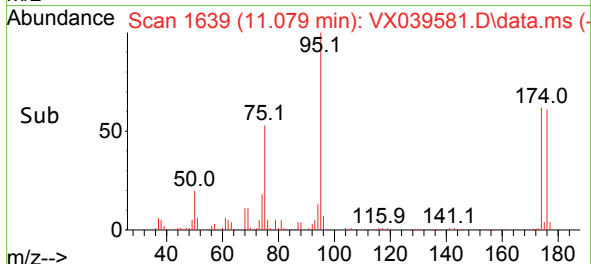
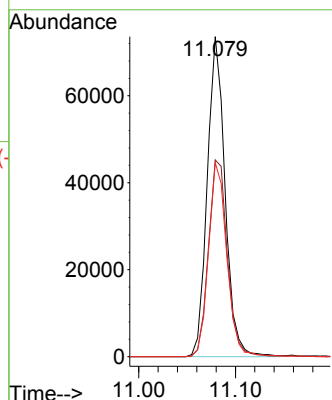
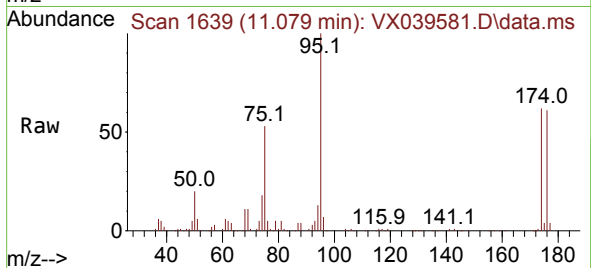




#62
4-Bromofluorobenzene
Concen: 49.210 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

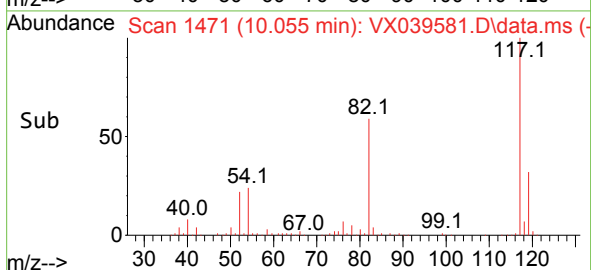
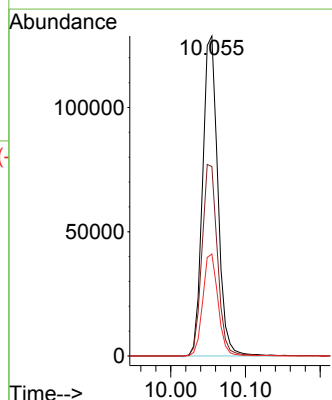
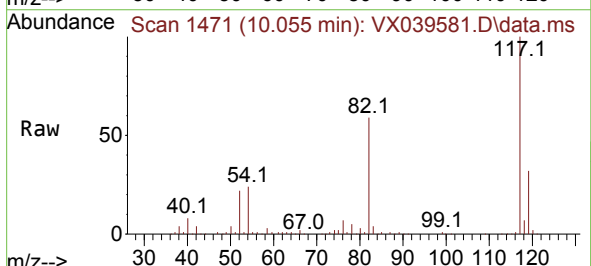
Instrument :
MSVOA_X
ClientSampleId :

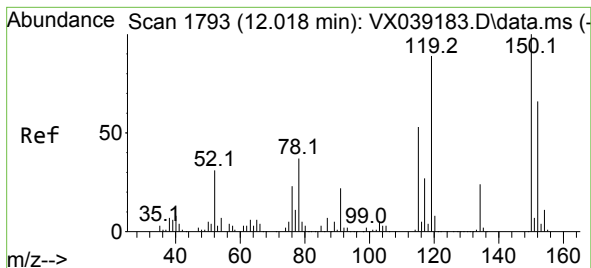
Tgt Ion: 95 Resp: 94138
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Tgt Ion: 117 Resp: 182535
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039581.D

Acq: 02 Jan 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

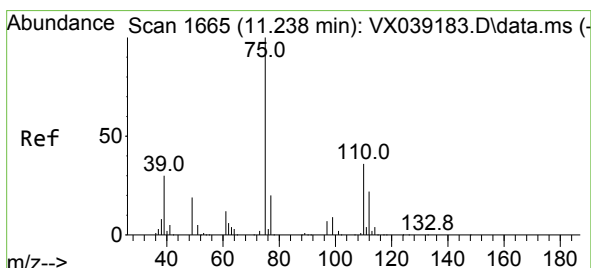
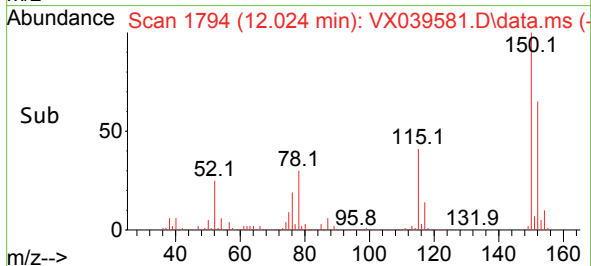
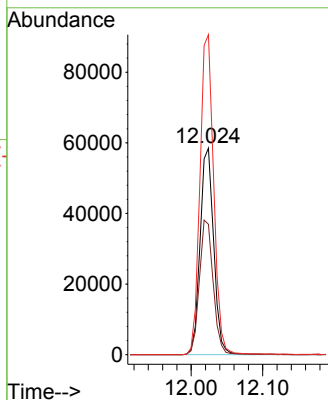
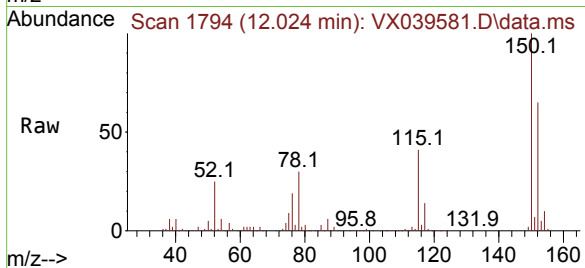
Tgt Ion:152 Resp: 77509

Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.542 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039581.D

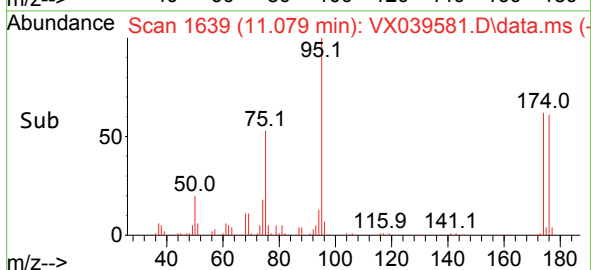
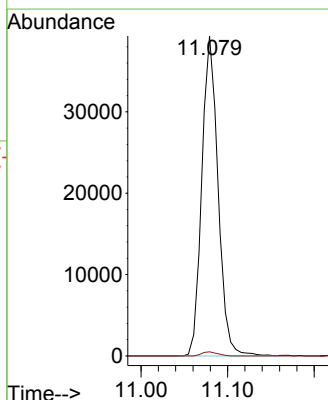
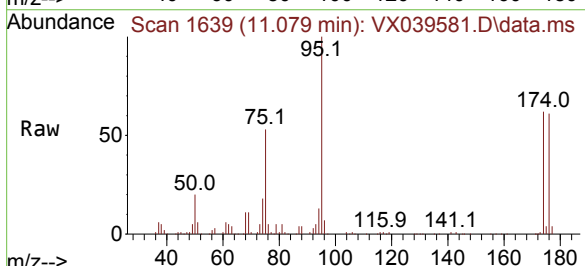
Acq: 02 Jan 2024 18:48

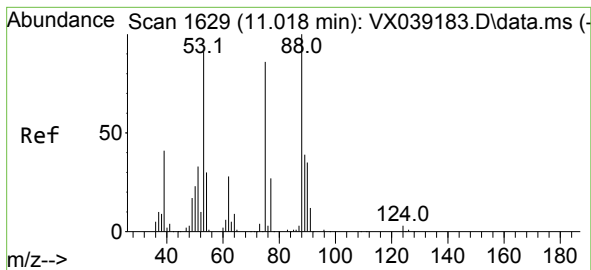
Tgt Ion: 75 Resp: 51220

Ion Ratio Lower Upper

75 100

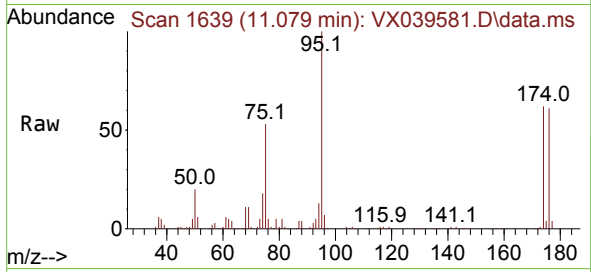
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.055 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039581.D
Acq: 02 Jan 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 51220
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

