

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039575.D
 Acq On : 02 Jan 2024 16:31
 Operator : JC/MD
 Sample : P1002-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:15:02 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)

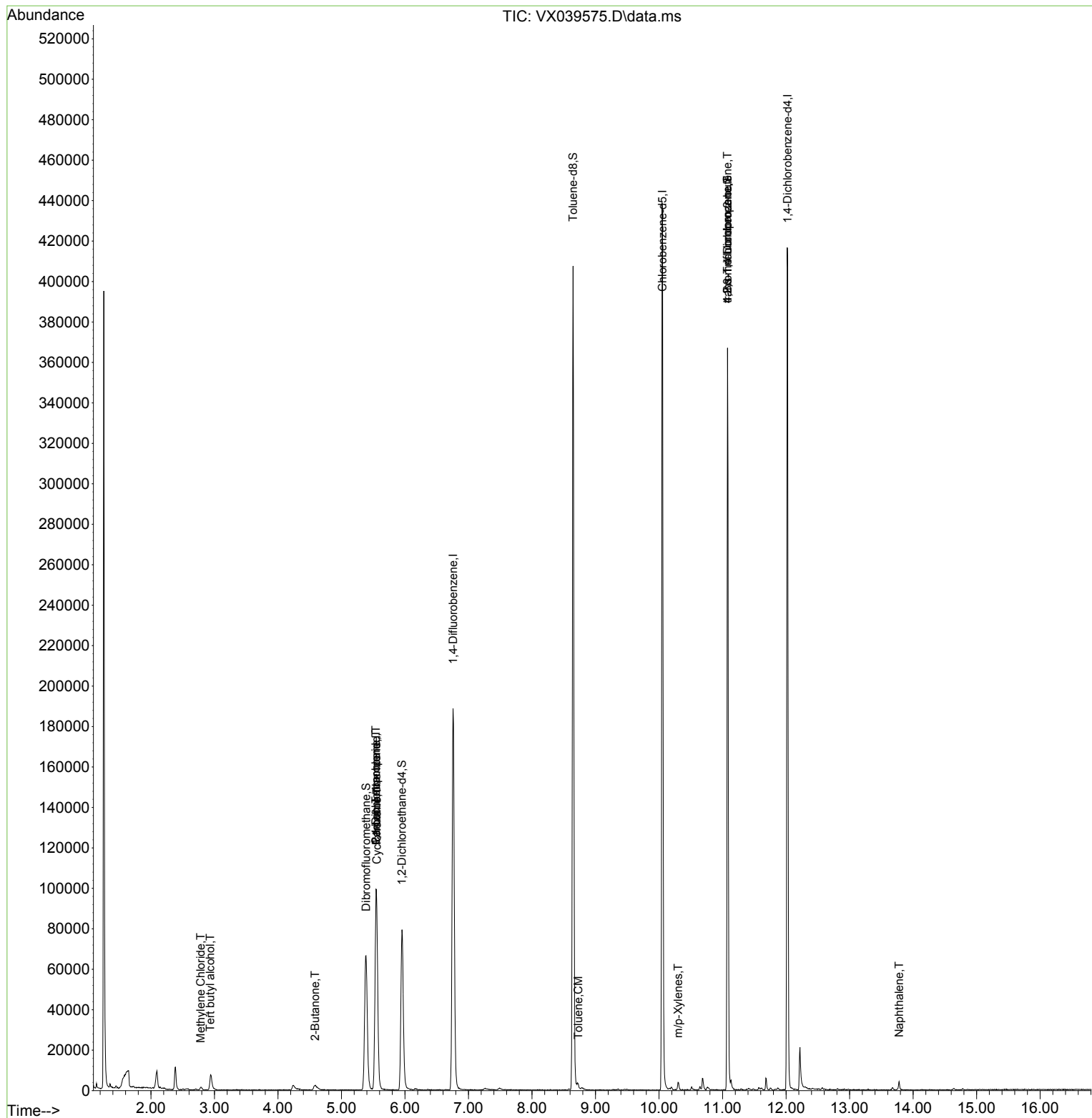
Internal Standards						
1) Pentafluorobenzene	5.550	168	87488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76564	47.771	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.540%		
35) Dibromofluoromethane	5.385	113	60362	46.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.660%		
50) Toluene-d8	8.647	98	233161	48.728	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	99743	50.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.040%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.934	59	5168	12.841	ug/l #	78
16) Acetone	2.380	43	12020	Below Cal		98
20) Methylene Chloride	2.782	84	701	0.525	ug/l #	90
25) 2-Butanone	4.587	43	3888	2.811	ug/l	95
31) Cyclohexane	5.556	56	2584	1.248	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	8773	4.313	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10445	5.381	ug/l #	14
52) Toluene	8.726	92	1019	0.293	ug/l	100
68) m/p-Xylenes	10.299	106	1161	0.420	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	53822	24.878	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53822	70.180	ug/l #	5
95) Naphthalene	13.780	128	2707	0.443	ug/l	99

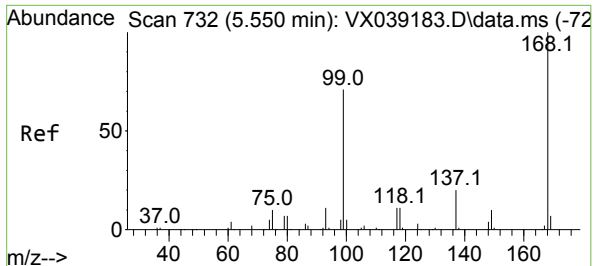
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
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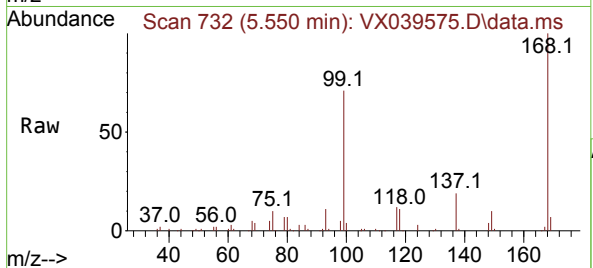
Quant Time: Jan 03 04:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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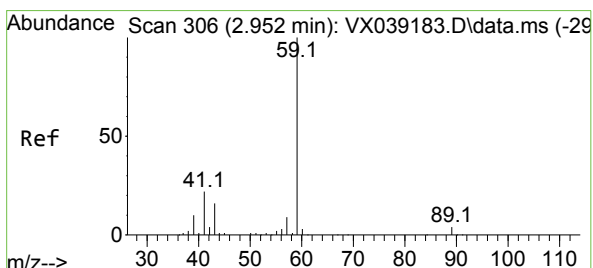
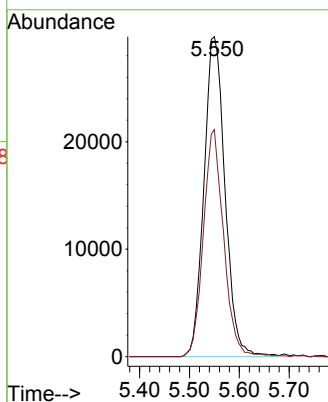
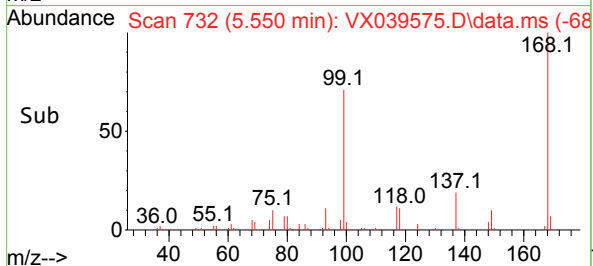


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

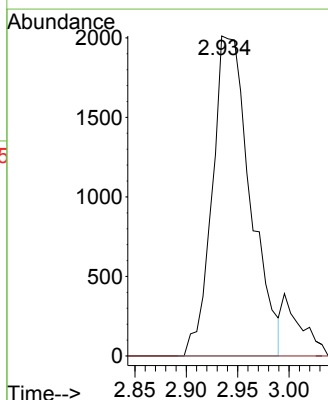
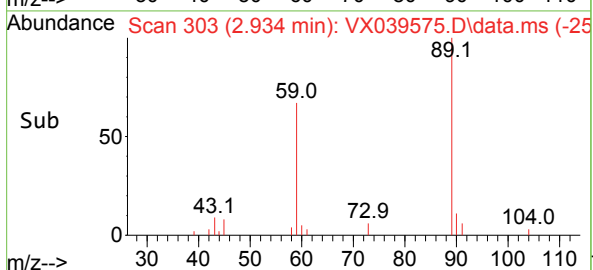
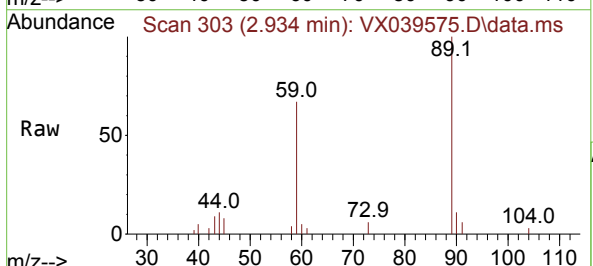


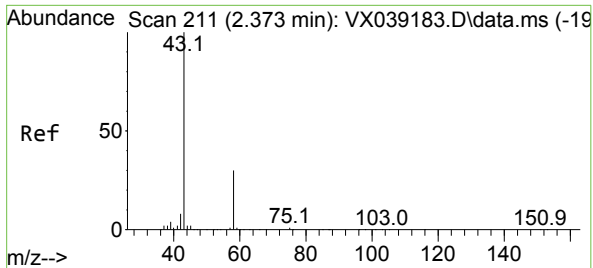
Tgt Ion:168 Resp: 87488
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 12.841 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.018 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 59 Resp: 5168
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

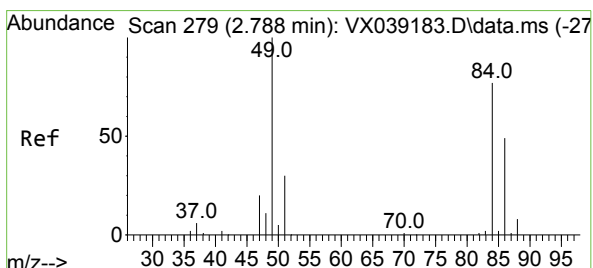
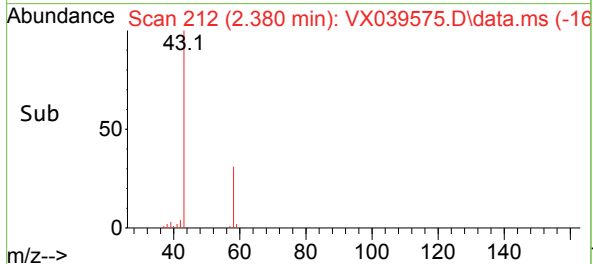
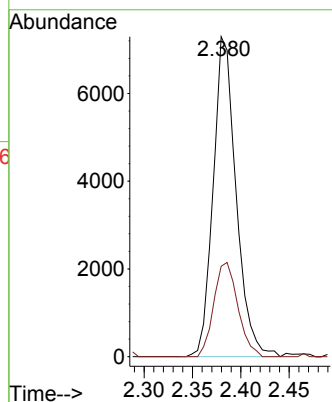
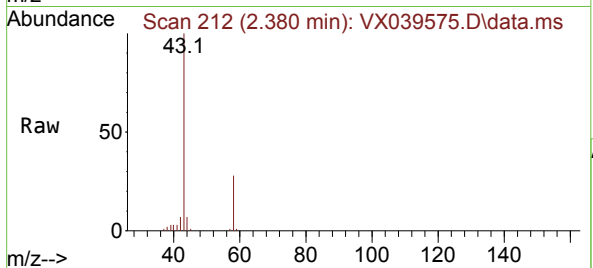




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

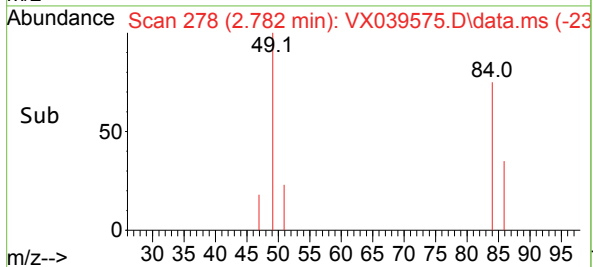
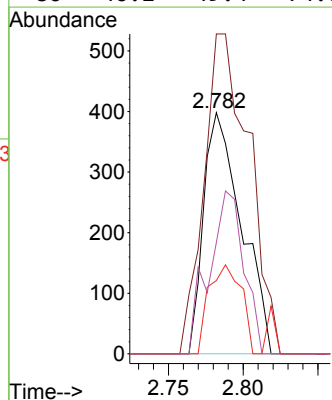
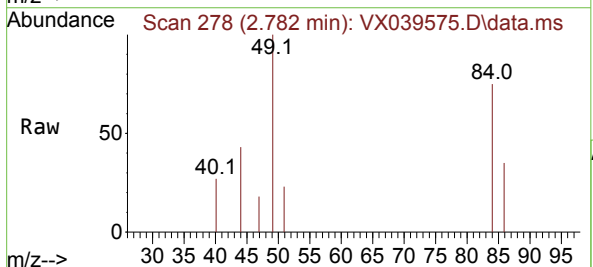
Instrument :
MSVOA_X
ClientSampleId :

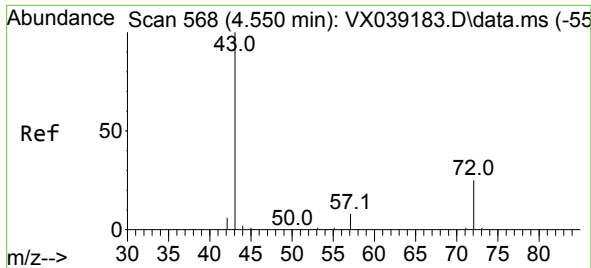
Tgt Ion: 43 Resp: 12020
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.525 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 132.7 103.6 155.4
51 30.4 33.8 50.6#
86 46.2 49.4 74.0#

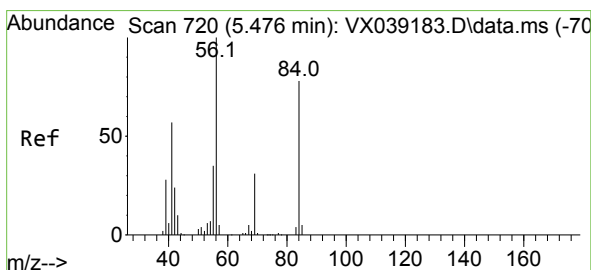
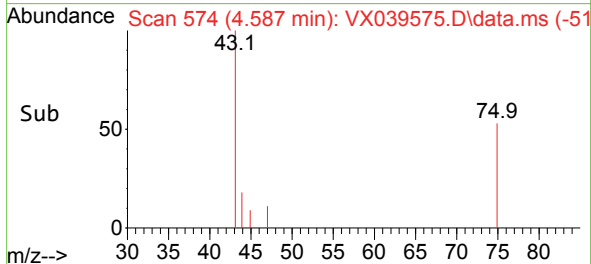
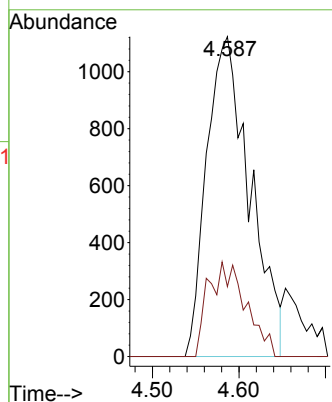
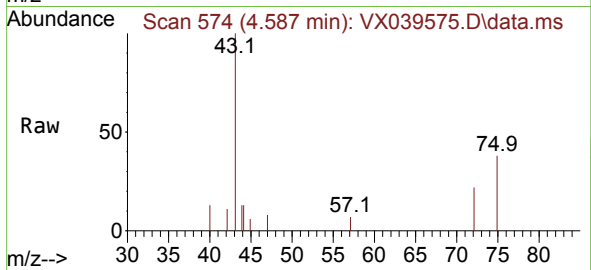




#25
2-Butanone
Concen: 2.811 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

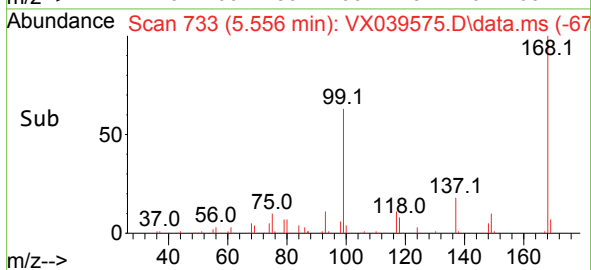
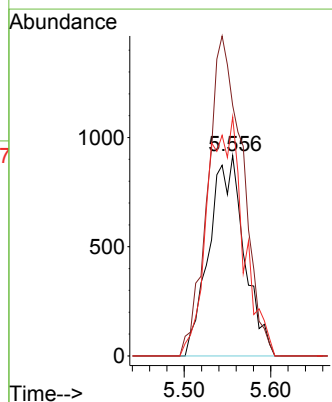
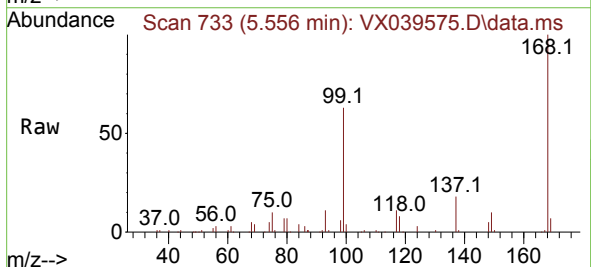
Instrument :
MSVOA_X
ClientSampleId :

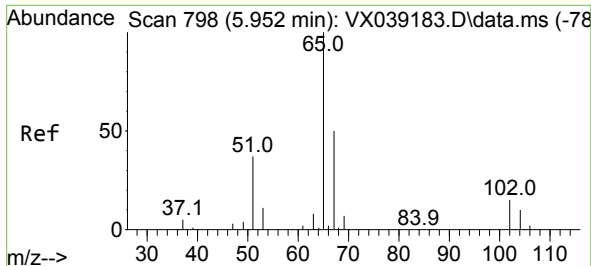
Tgt Ion: 43 Resp: 3888
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.2



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 56 Resp: 2584
Ion Ratio Lower Upper
56 100
69 125.1 23.4 35.2#
84 119.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.771 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

Instrument :

MSVOA_X

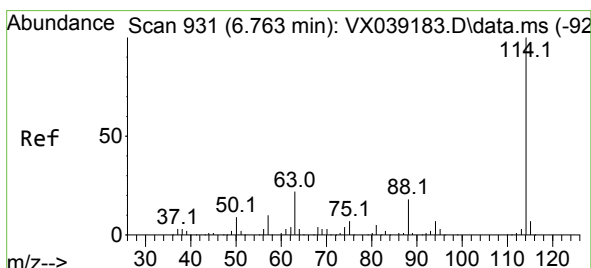
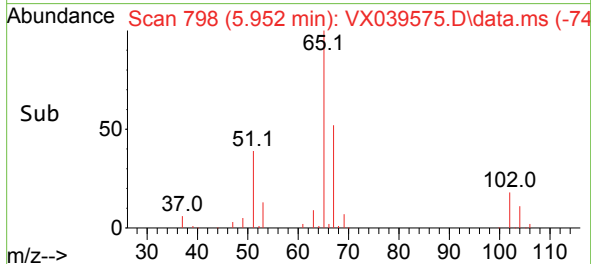
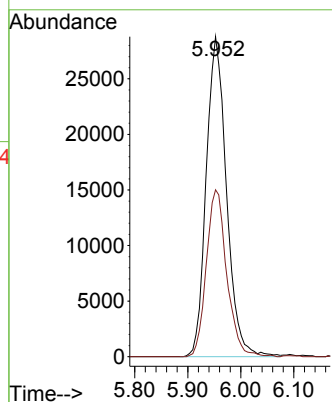
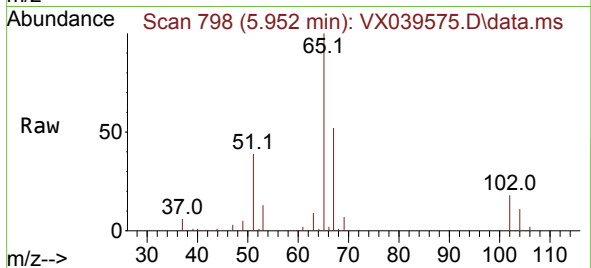
ClientSampleId :

Tgt Ion: 65 Resp: 76564

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

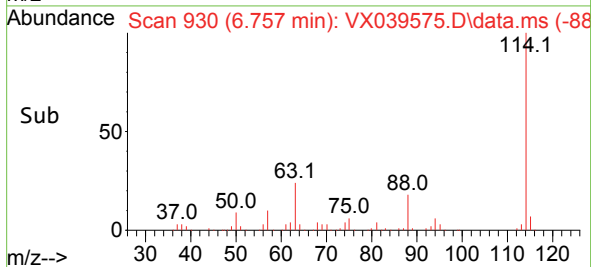
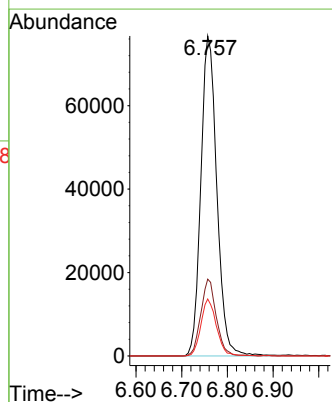
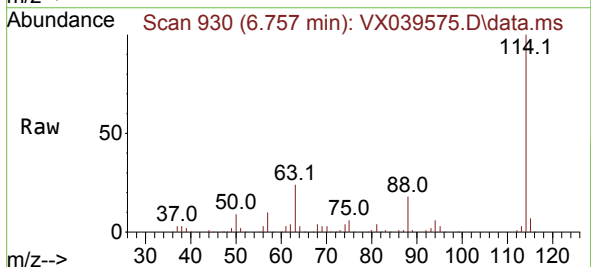
Tgt Ion: 114 Resp: 186563

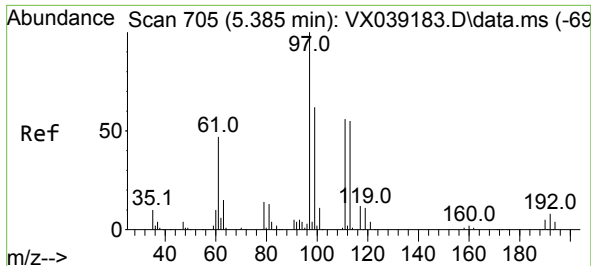
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

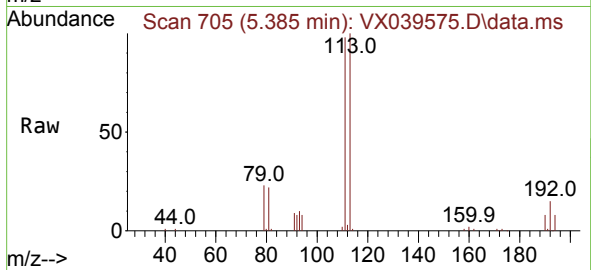
88 17.8 0.0 36.6



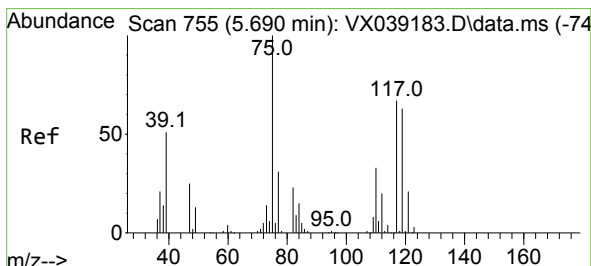
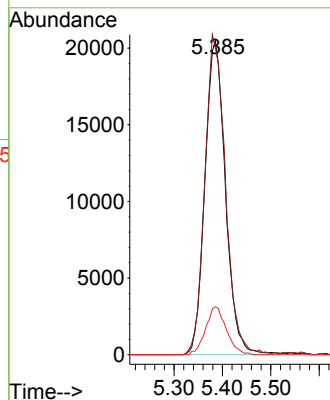
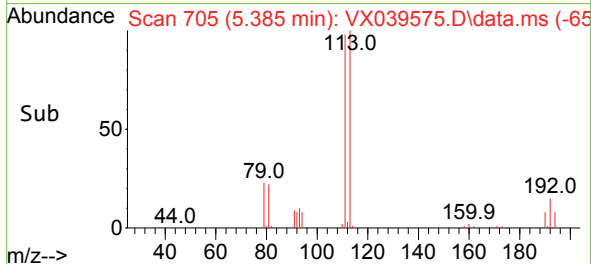


#35
Dibromofluoromethane
Concen: 46.833 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

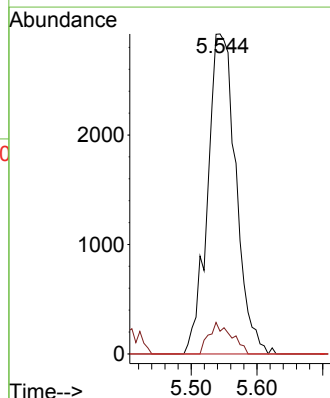
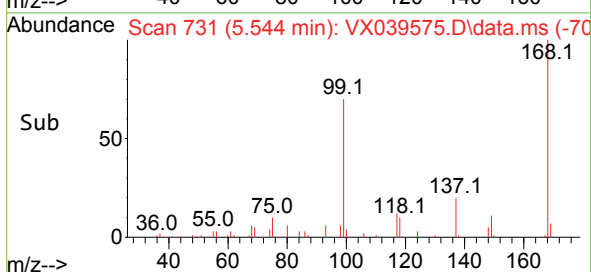
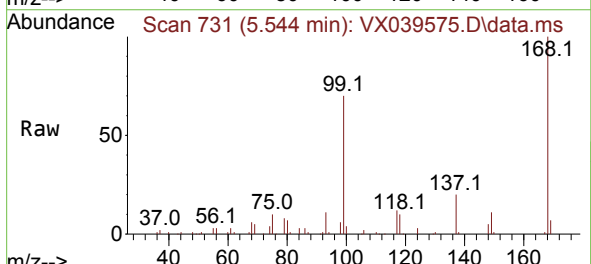


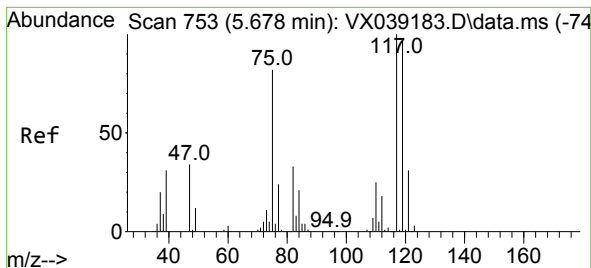
Tgt Ion:113 Resp: 60362
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 15.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.313 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 75 Resp: 8773
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.381 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.134 min

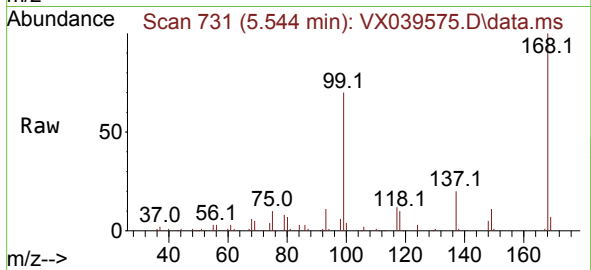
Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :



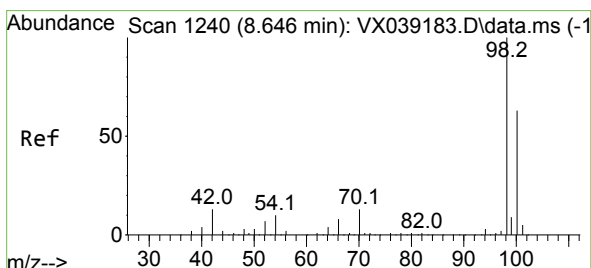
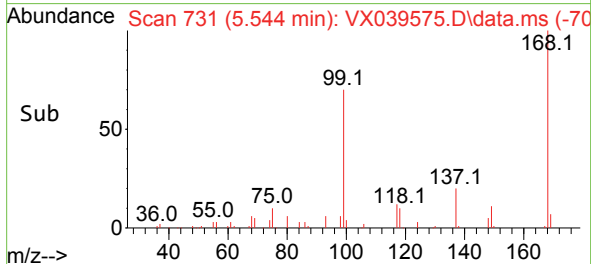
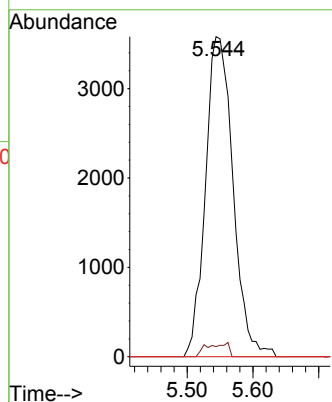
Tgt Ion:117 Resp: 10445

Ion Ratio Lower Upper

117 100

119 3.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.728 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039575.D

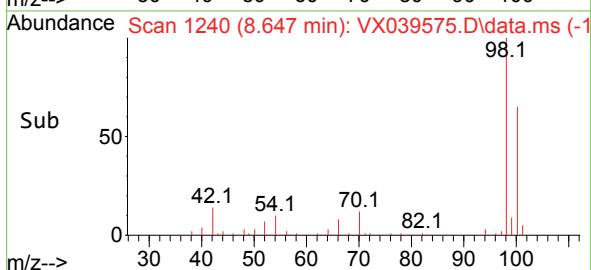
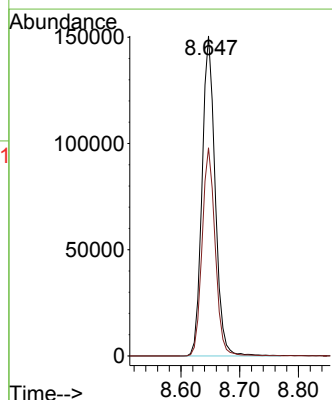
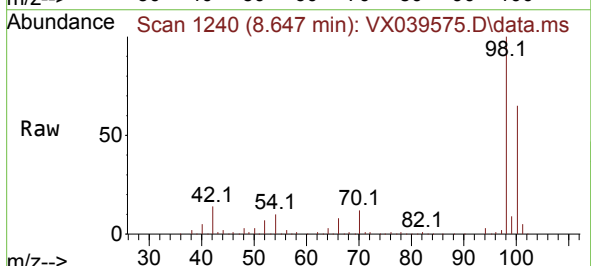
Acq: 02 Jan 2024 16:31

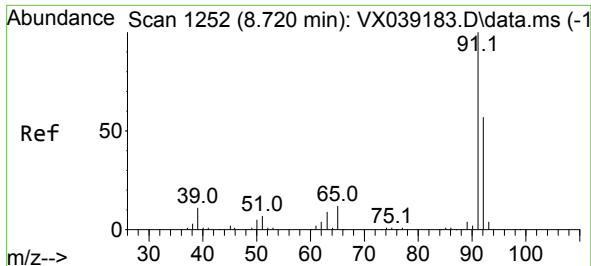
Tgt Ion: 98 Resp: 233161

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7

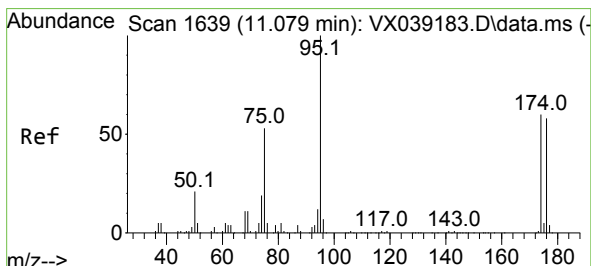
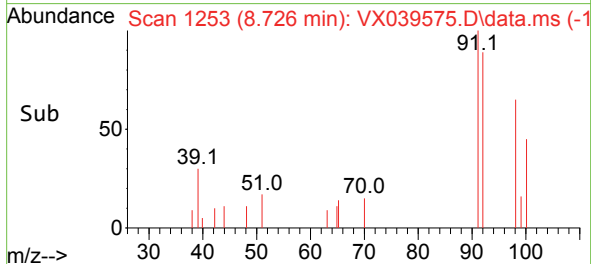
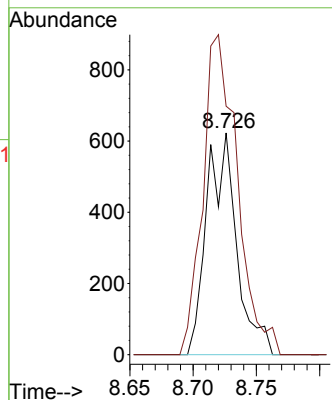
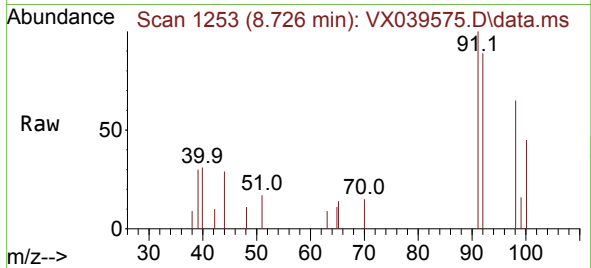




#52
Toluene
Concen: 0.293 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

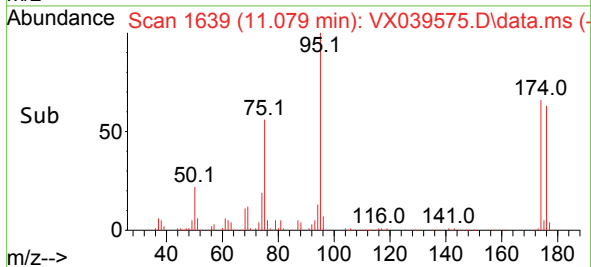
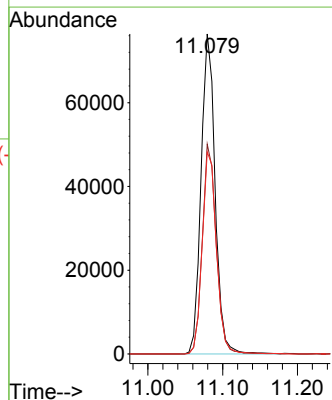
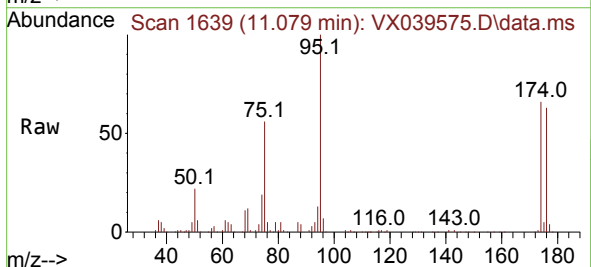
Instrument :
MSVOA_X
ClientSampleId :

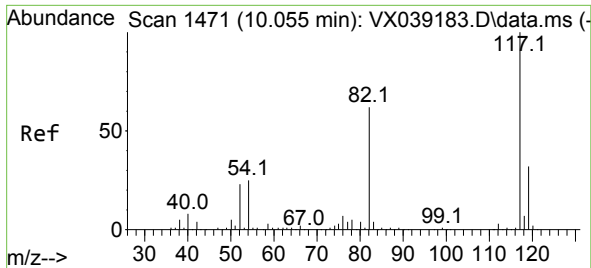
Tgt Ion: 92 Resp: 1019
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 95 Resp: 99743
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 64.1 0.0 131.0

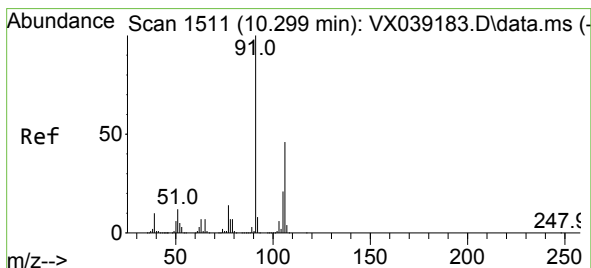
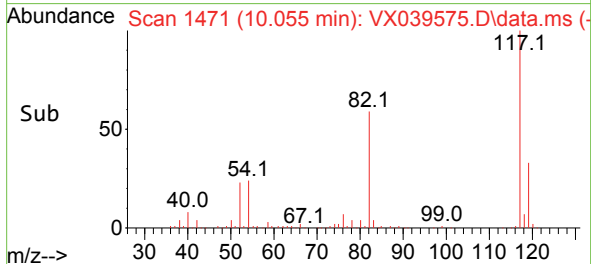
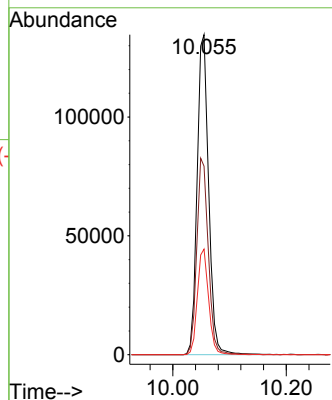
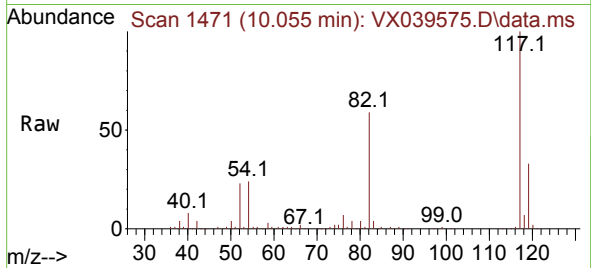




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

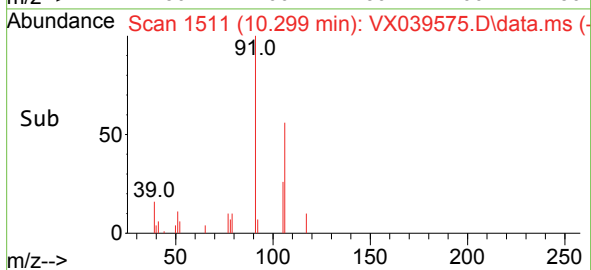
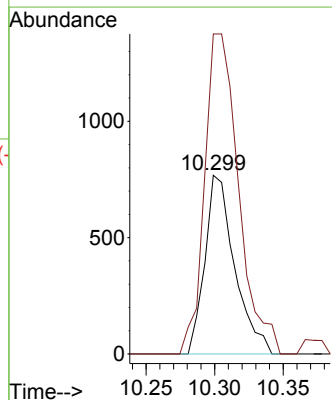
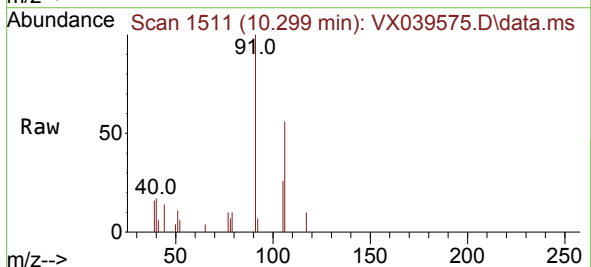
Instrument :
MSVOA_X
ClientSampleId :

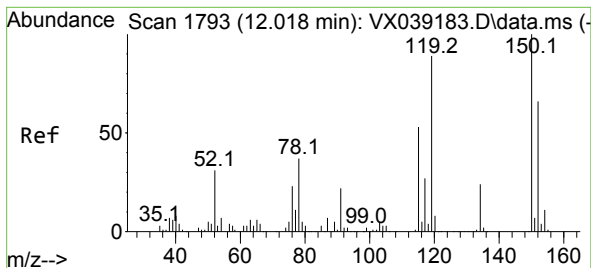
Tgt Ion:117 Resp: 189677
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.420 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion:106 Resp: 1161
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039575.D

Acq: 02 Jan 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

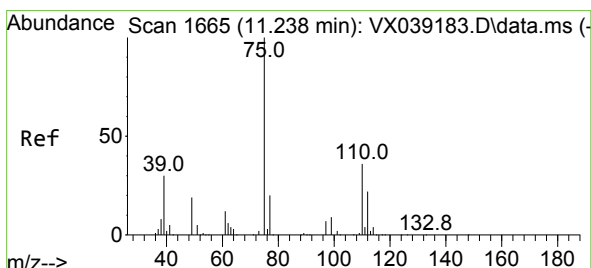
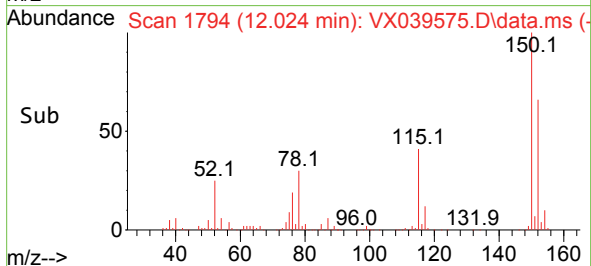
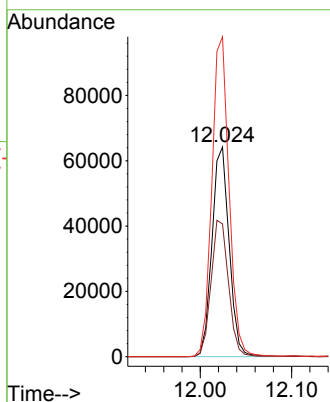
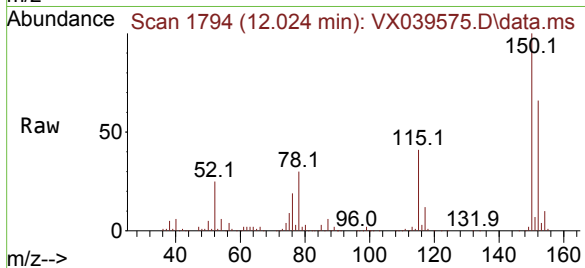
Tgt Ion:152 Resp: 83622

Ion Ratio Lower Upper

152 100

115 66.3 43.3 129.9

150 152.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039575.D

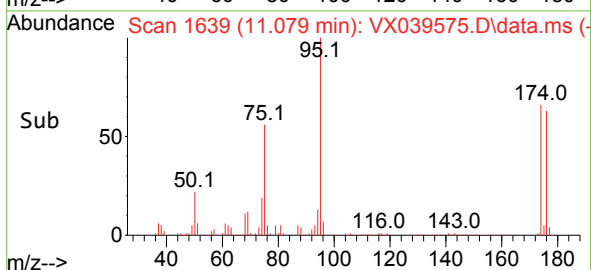
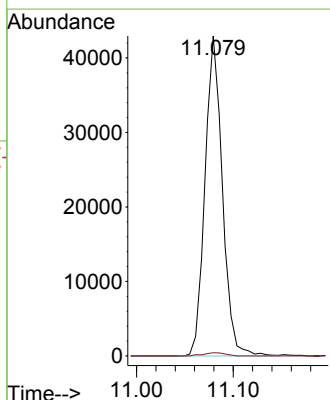
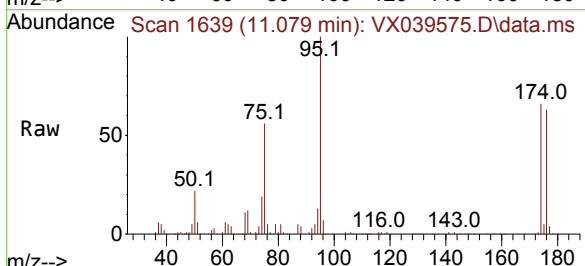
Acq: 02 Jan 2024 16:31

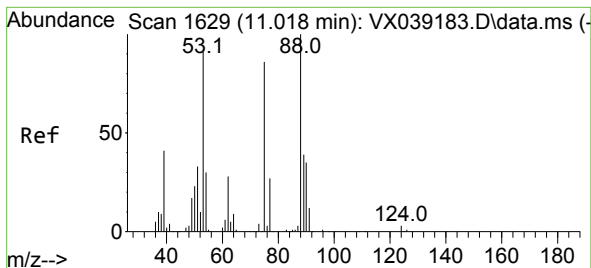
Tgt Ion: 75 Resp: 53822

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

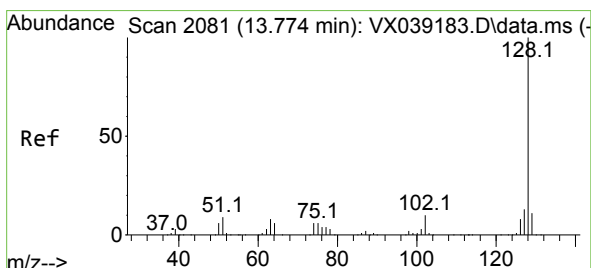
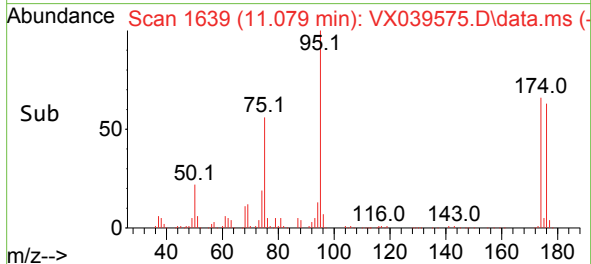
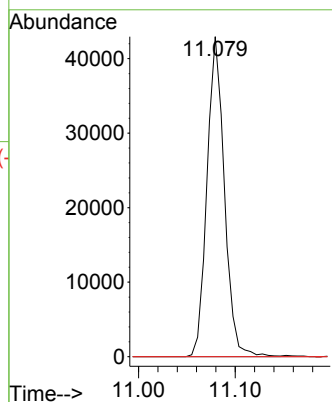
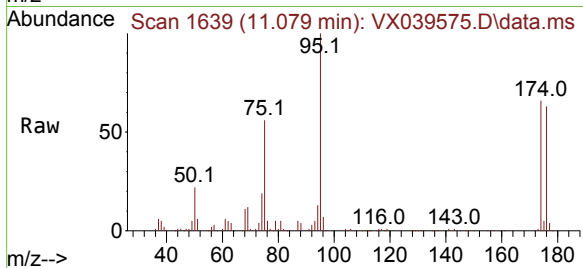




#81
trans-1,4-Dichloro-2-butene
Concen: 70.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53822
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.443 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039575.D
Acq: 02 Jan 2024 16:31

Tgt Ion: 128 Resp: 2707
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.6 8.8 13.2

