

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039798.D
 Acq On : 17 Jan 2024 13:37
 Operator : JC/MD
 Sample : P1156-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:42:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

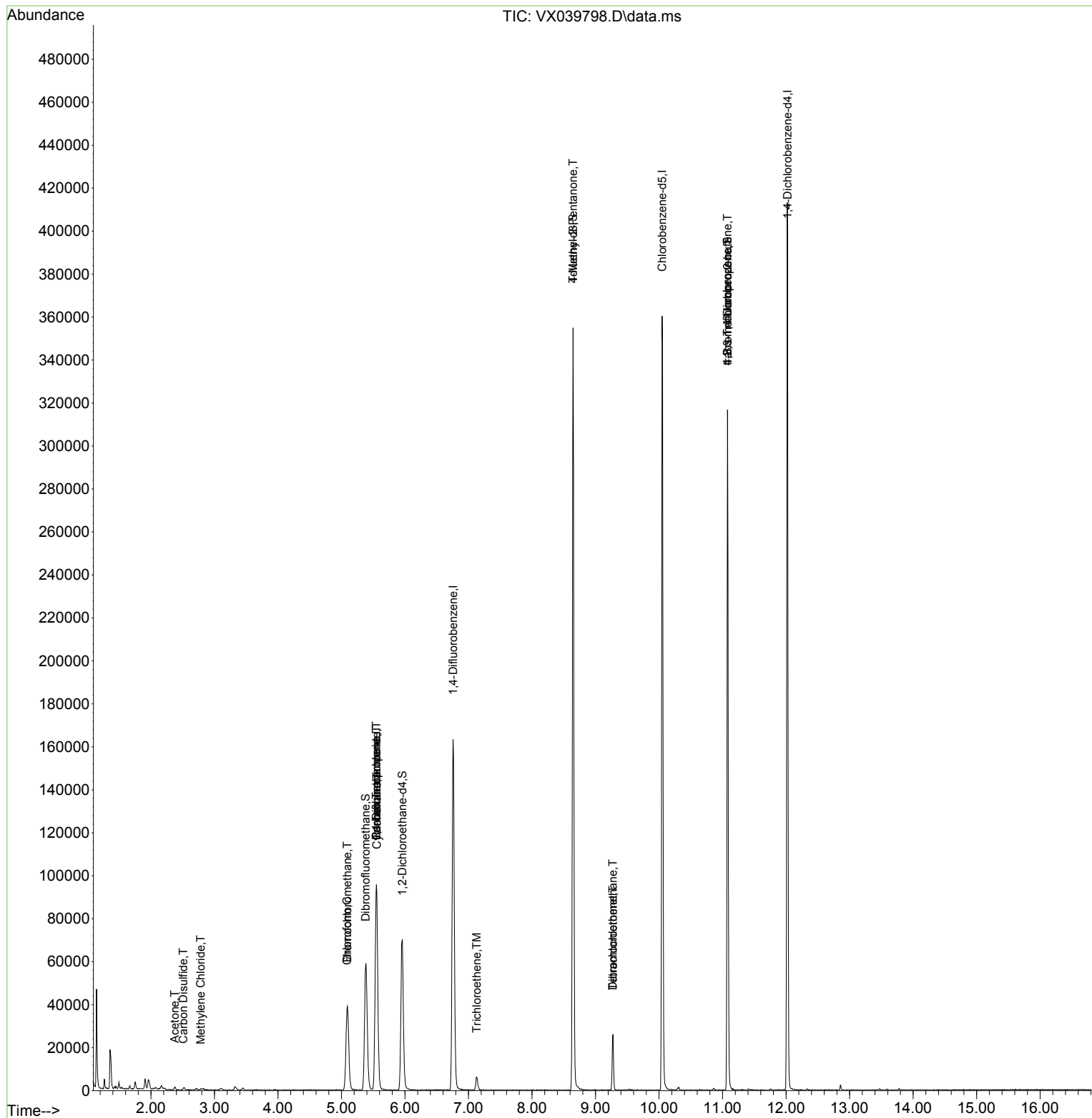
Internal Standards						
1) Pentafluorobenzene	5.550	168	85056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68590	48.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.280%
35) Dibromofluoromethane	5.379	113	53056	49.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	8.647	98	200664	49.142	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	82360	51.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1263	1.576	ug/l #	89
17) Carbon Disulfide	2.508	76	909	0.309	ug/l #	76
20) Methylene Chloride	2.782	84	358	0.295	ug/l #	59
28) Bromochloromethane	5.093	49	4173	4.352	ug/l #	16
30) Chloroform	5.087	83	46571	22.302	ug/l	97
31) Cyclohexane	5.556	56	2462	1.309	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	7654	4.542	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9527	6.172	ug/l #	15
44) Trichloroethene	7.129	130	2516	2.151	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	988	0.435	ug/l #	1
60) Dibromochloromethane	9.275	129	4768	4.166	ug/l #	11
64) Tetrachloroethene	9.275	164	4466	4.299	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	43451	20.880	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43451	60.941	ug/l #	5

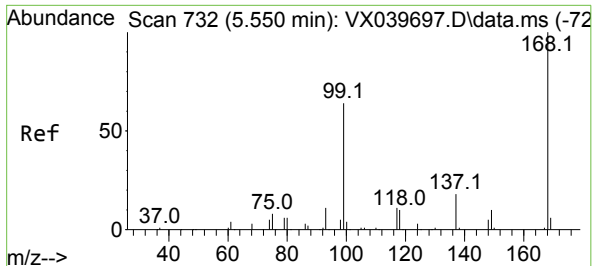
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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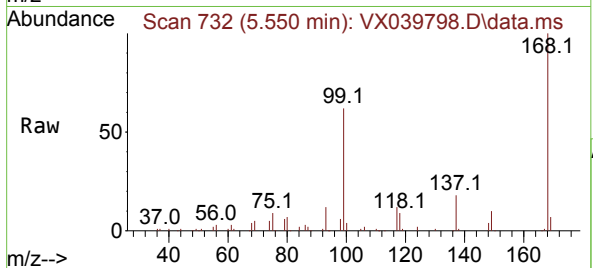


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

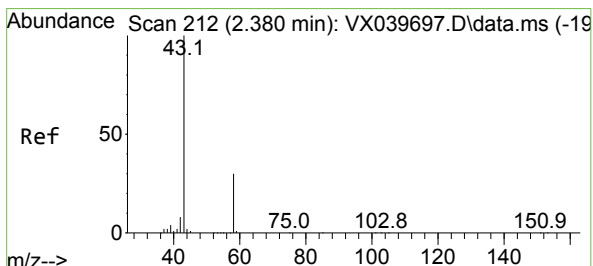
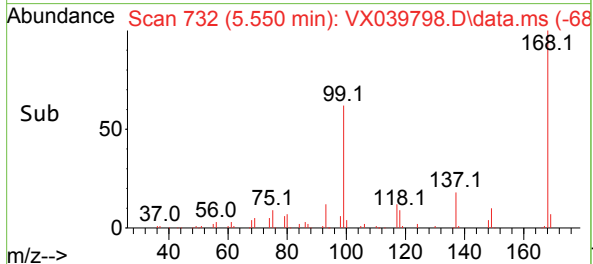
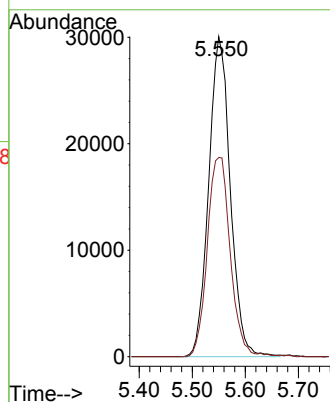
Instrument :

MSVOA_X

ClientSampleId :

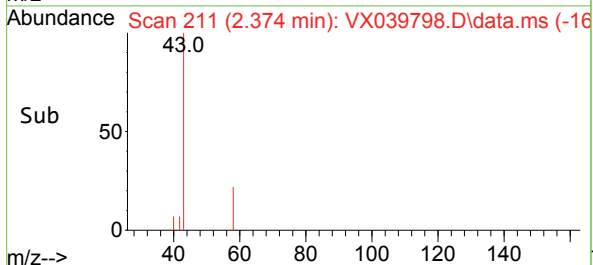
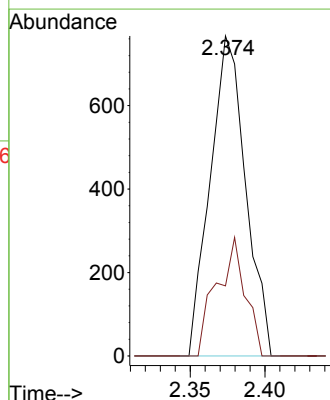
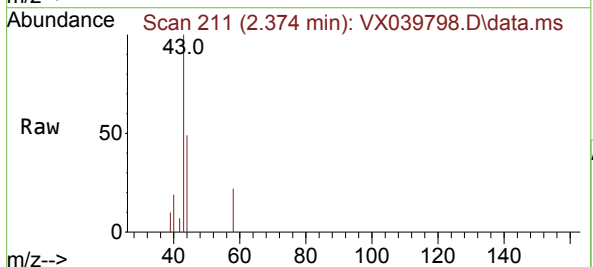


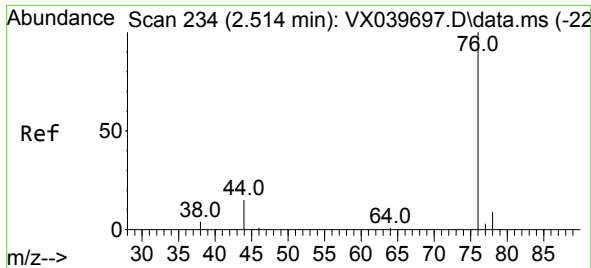
Tgt Ion:168 Resp: 85056
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 1.576 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.309 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

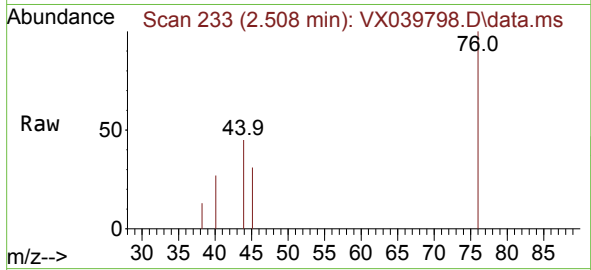
Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

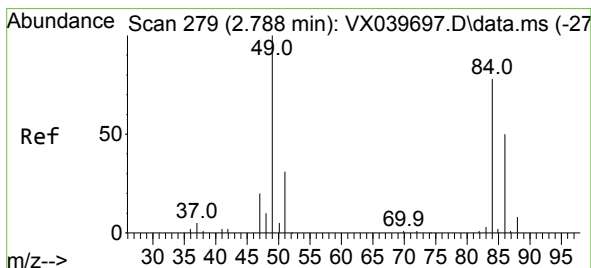
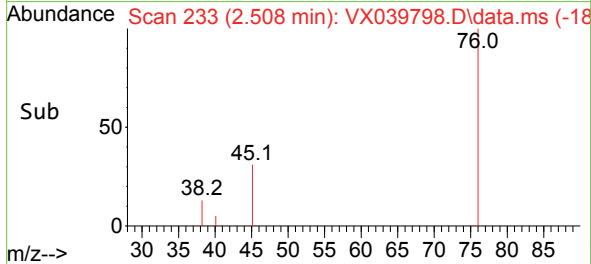
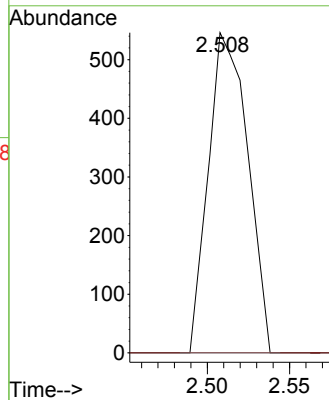


Tgt Ion: 76 Resp: 909

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.295 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

Tgt Ion: 84 Resp: 358

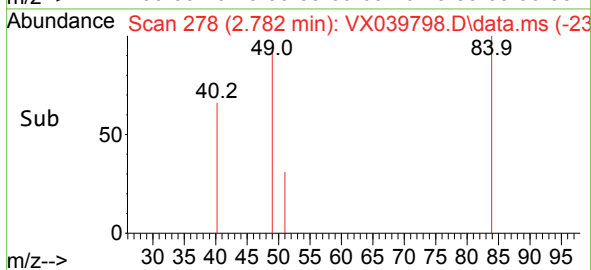
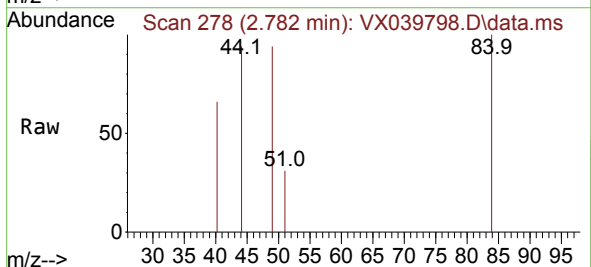
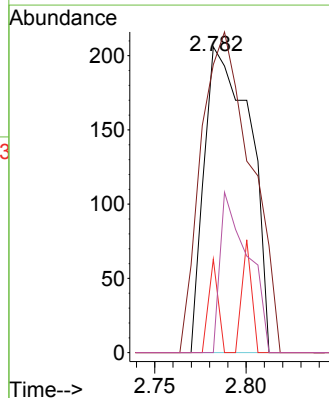
Ion Ratio Lower Upper

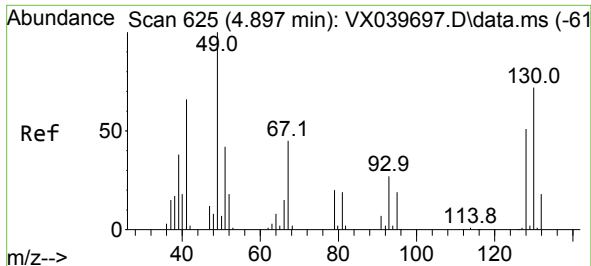
84 100

49 94.2 103.6 155.4#

51 30.6 33.8 50.6#

86 0.0 49.4 74.0#

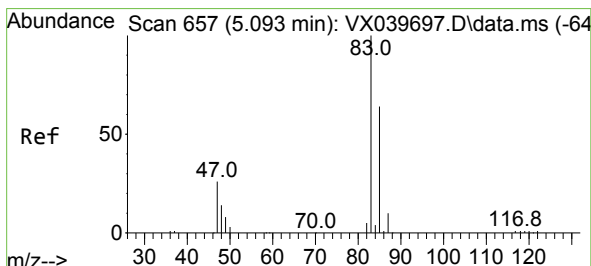
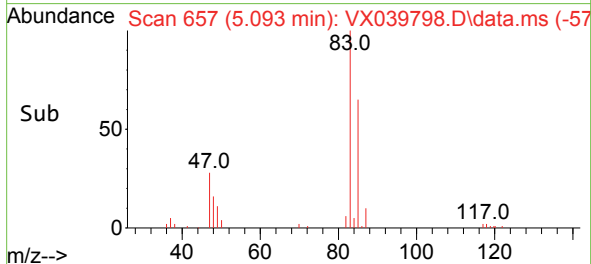
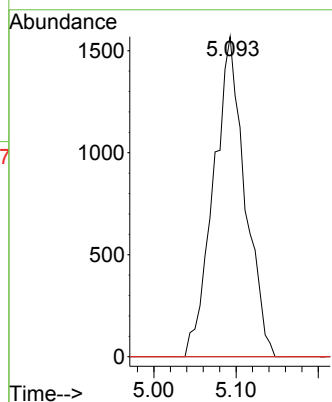
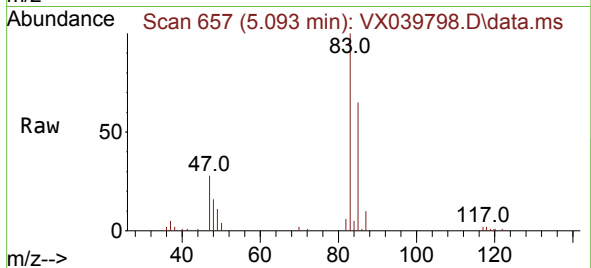




#28
Bromochloromethane
Concen: 4.352 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

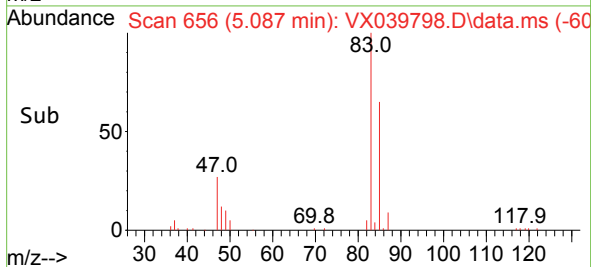
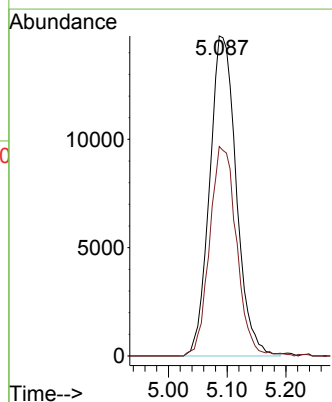
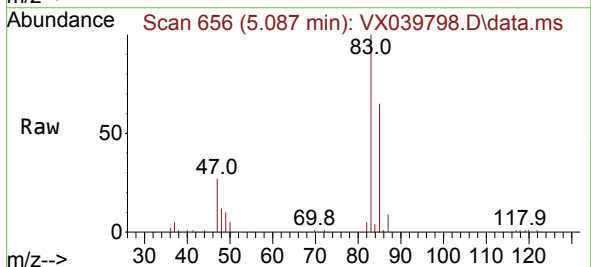
Instrument :
MSVOA_X
ClientSampleId :

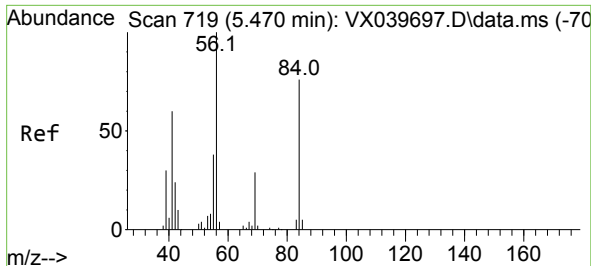
Tgt Ion: 49 Resp: 4173
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 22.302 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

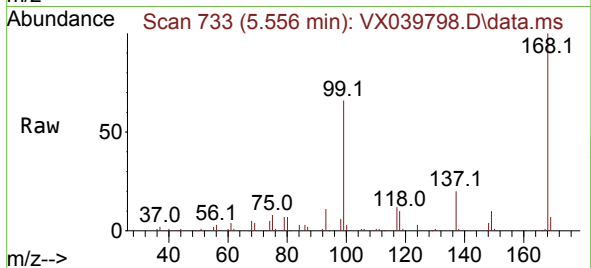
Tgt Ion: 83 Resp: 46571
Ion Ratio Lower Upper
83 100
85 65.5 50.3 75.5



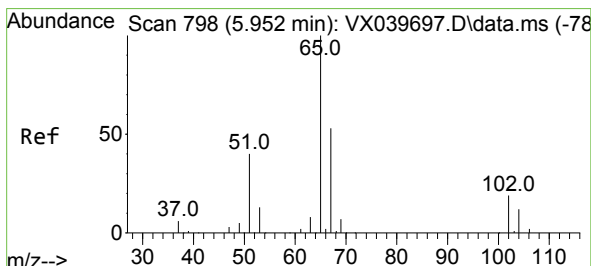
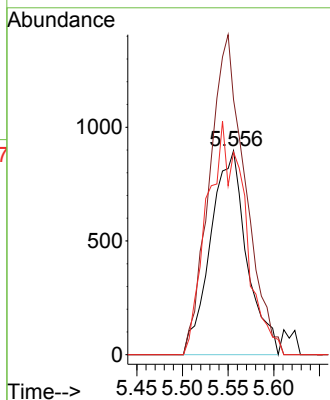
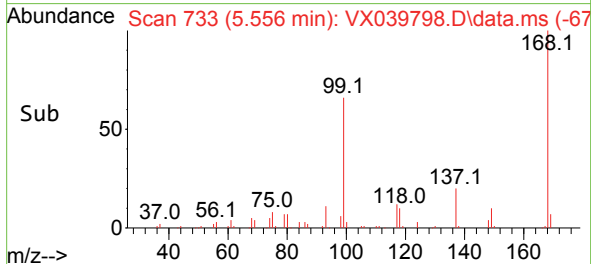


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

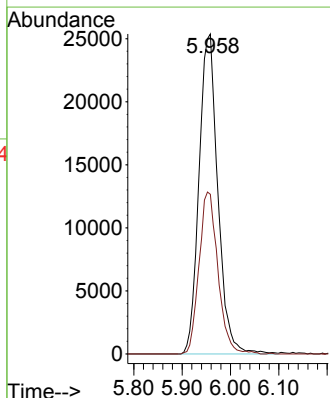
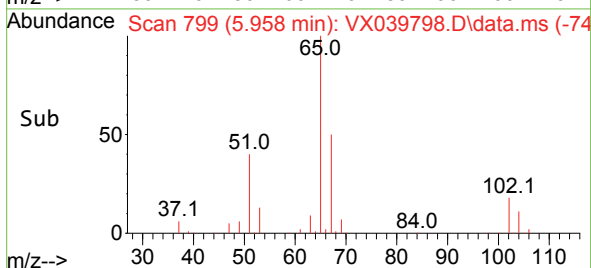
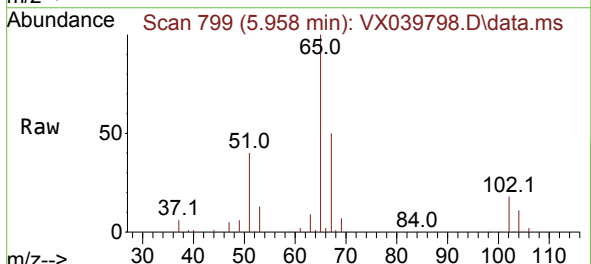


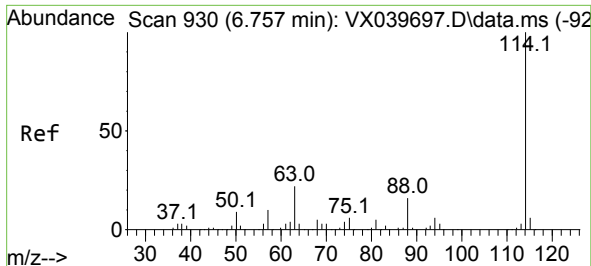
Tgt Ion: 56 Resp: 2462
Ion Ratio Lower Upper
56 100
69 125.0 23.4 35.2#
84 99.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.140 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Tgt Ion: 65 Resp: 68590
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

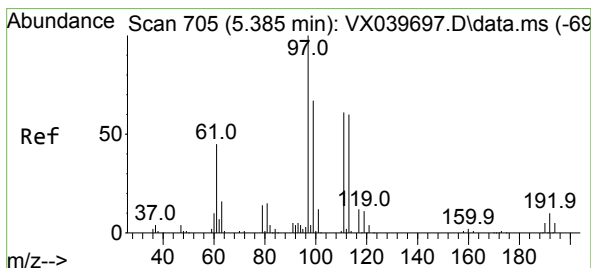
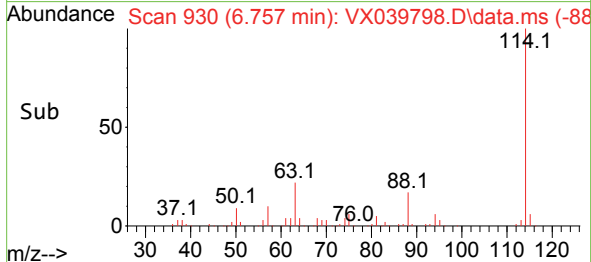
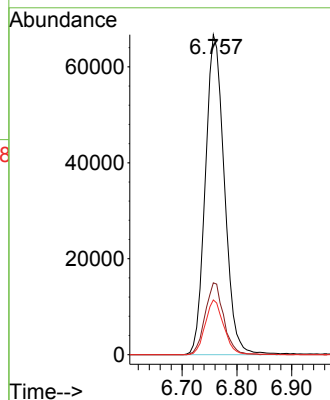
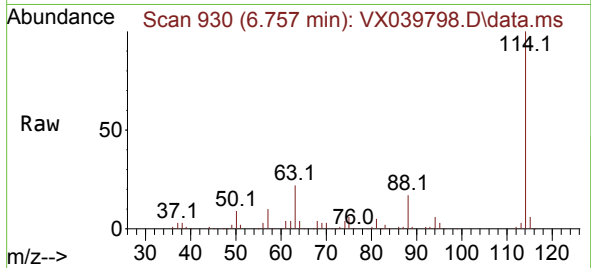




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX039798.D
 Acq: 17 Jan 2024 13:37

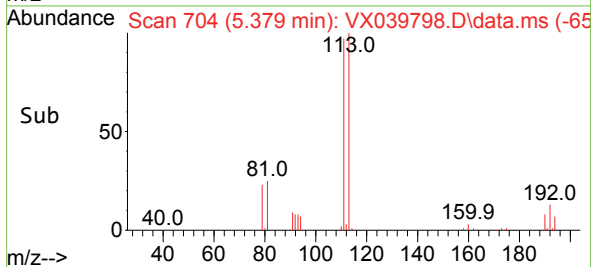
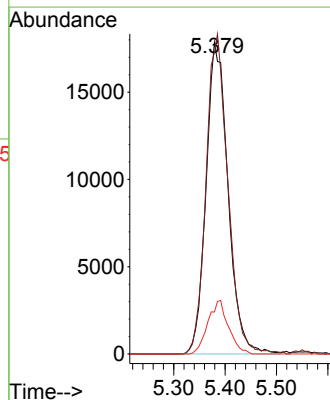
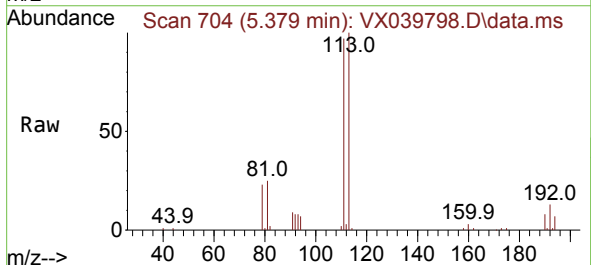
Instrument :
 MSVOA_X
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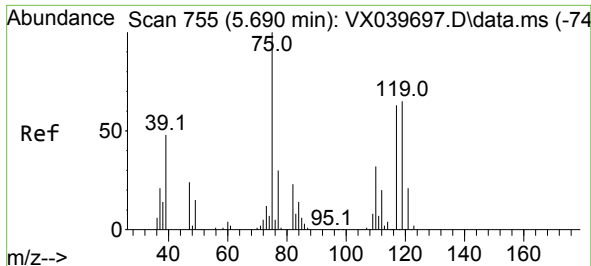
Tgt Ion:114 Resp: 160741
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 17.1 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 49.005 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX039798.D
 Acq: 17 Jan 2024 13:37

Tgt Ion:113 Resp: 53056
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 16.1 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

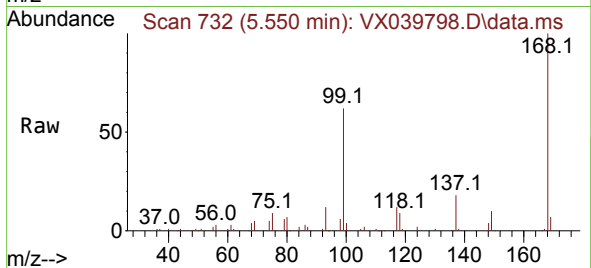
Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

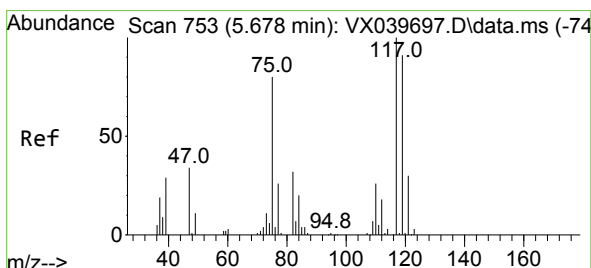
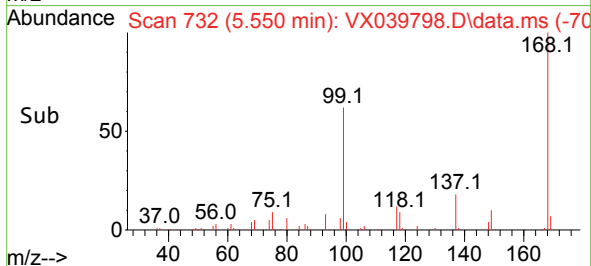
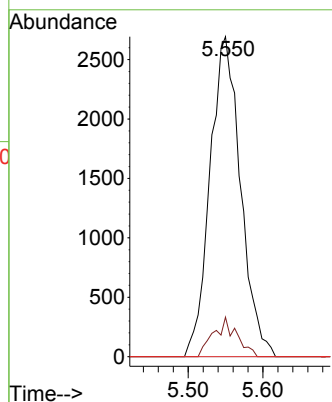
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 7654
Ion Ratio	Lower Upper
75	100
110	9.3 17.0 50.9#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.172 ug/l

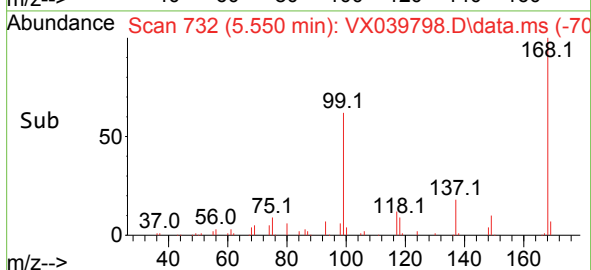
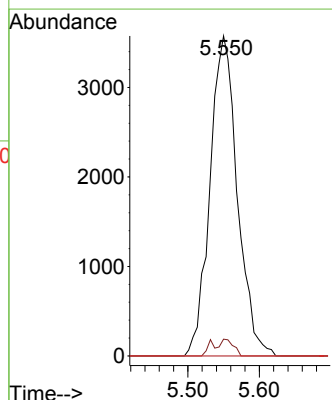
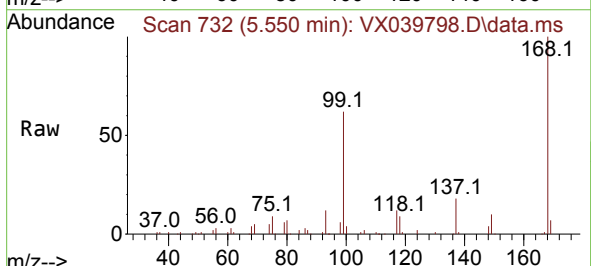
RT: 5.550 min Scan# 732

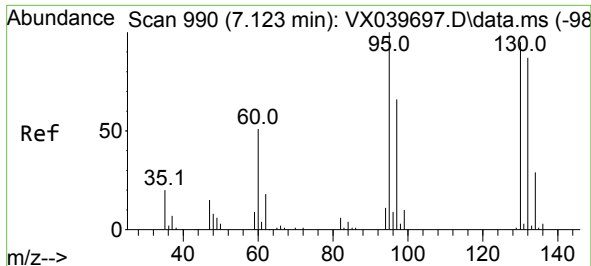
Delta R.T. -0.128 min

Lab File: VX039798.D

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Tgt Ion: 117	Resp: 9527
Ion Ratio	Lower Upper
117	100
119	5.3 78.2 117.2#
121	0.0 24.4 36.6#

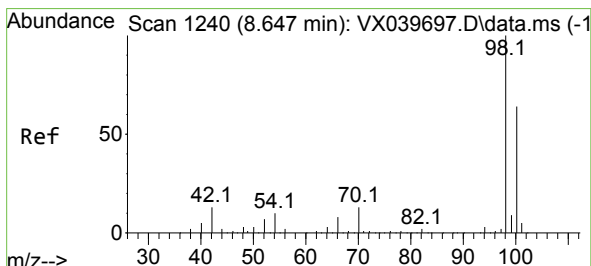
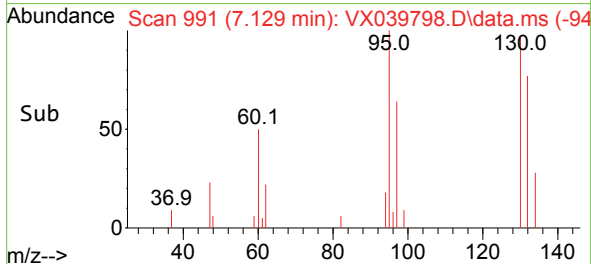
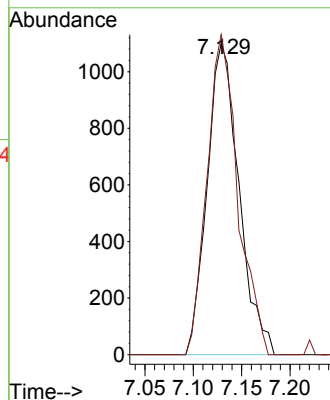
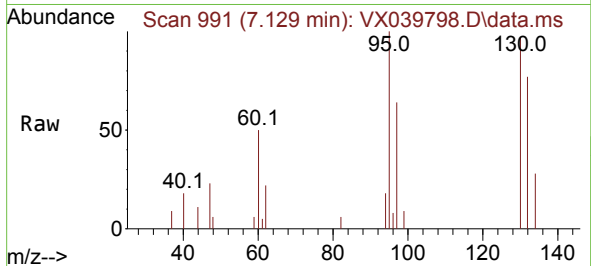




#44
Trichloroethene
Concen: 2.151 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

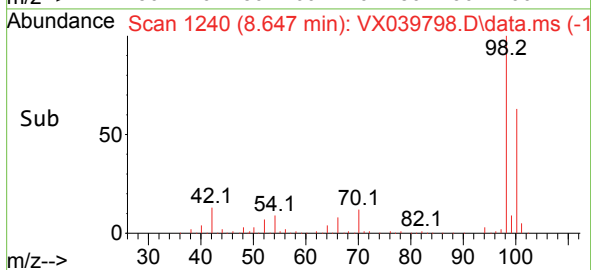
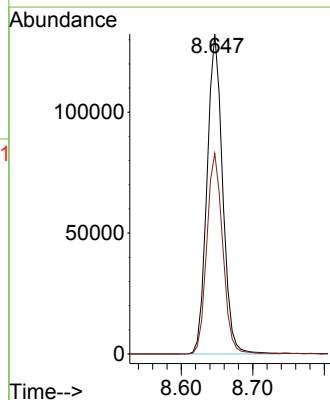
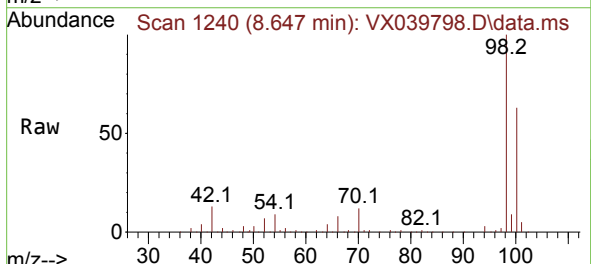
Instrument :
MSVOA_X
ClientSampleId :

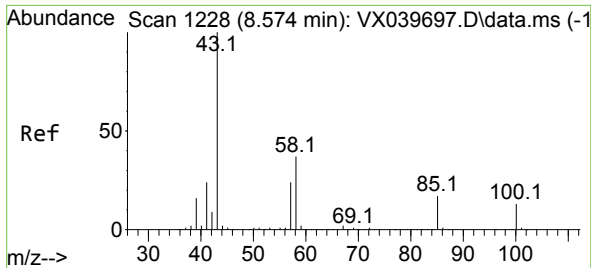
Tgt Ion:130 Resp: 2516
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.4



#50
Toluene-d8
Concen: 49.142 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Tgt Ion: 98 Resp: 200664
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

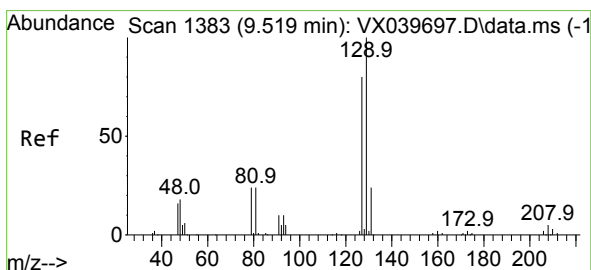
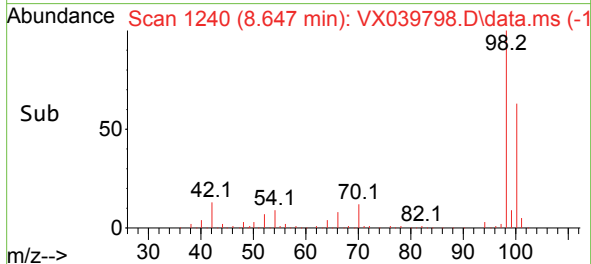
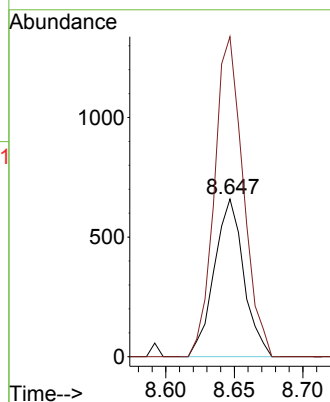
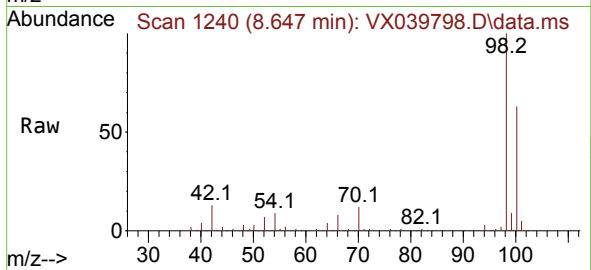




#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

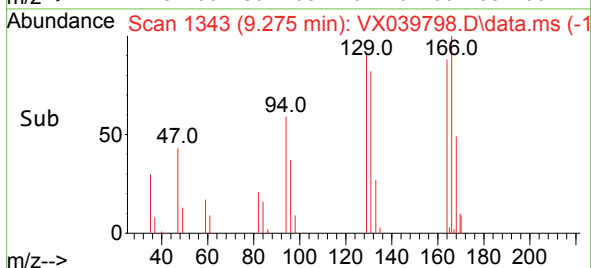
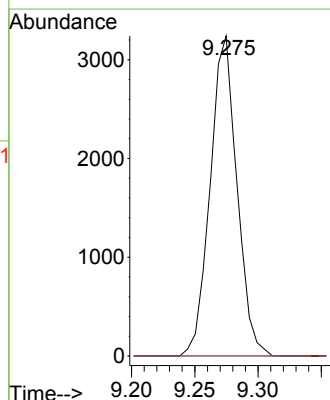
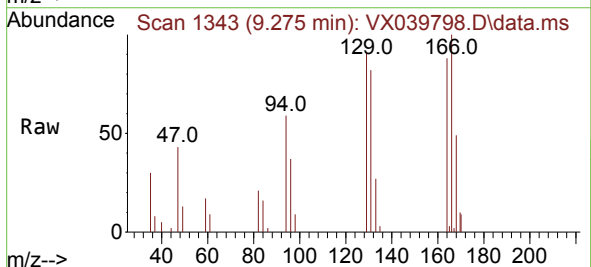
Instrument :
MSVOA_X
ClientSampleId :

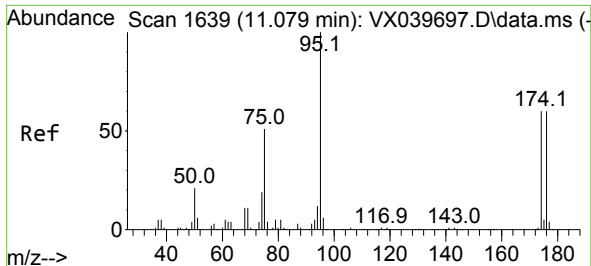
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 198.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 4.166 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Tgt Ion: 129 Resp: 4768
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

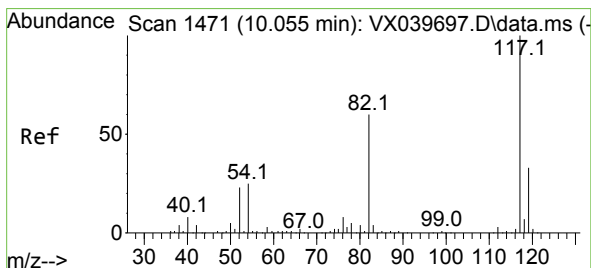
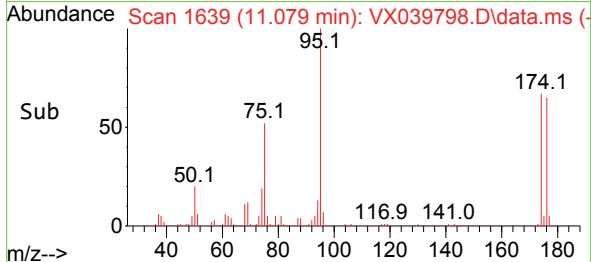
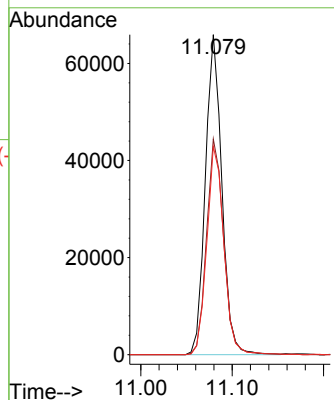
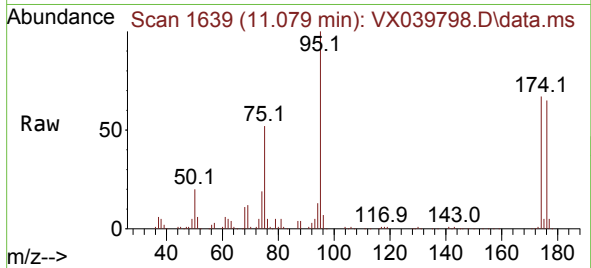




#62
4-Bromofluorobenzene
Concen: 51.579 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

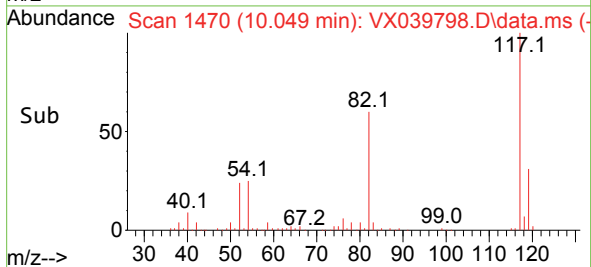
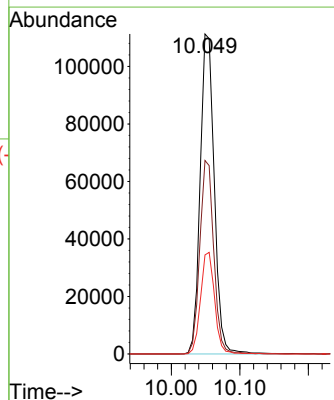
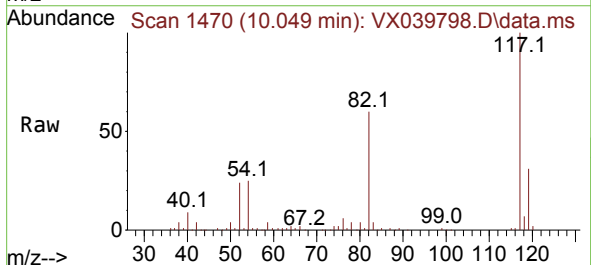
Instrument :
MSVOA_X
ClientSampleId :

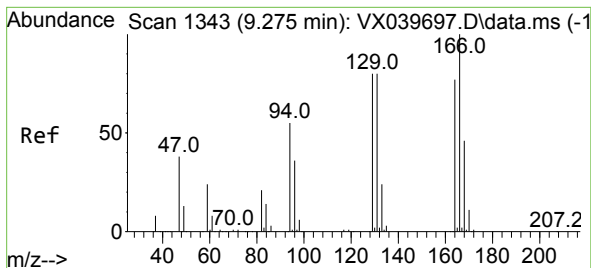
Tgt Ion: 95 Resp: 82360
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 67.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039798.D
Acq: 17 Jan 2024 13:37

Tgt Ion: 117 Resp: 159739
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 30.9 25.5 38.3





#64

Tetrachloroethene

Concen: 4.299 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

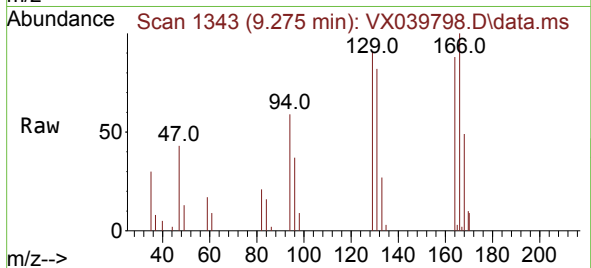
Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 4466

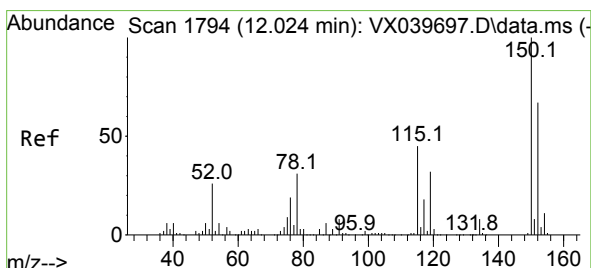
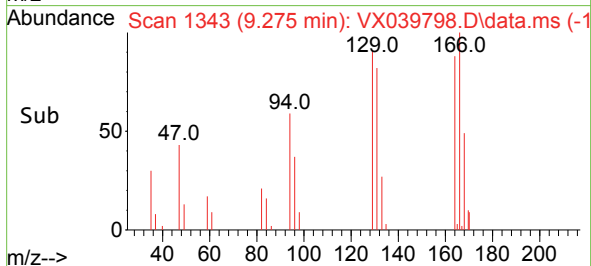
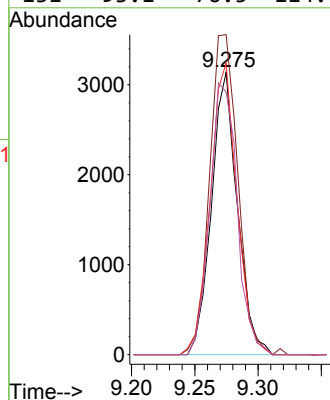
Ion Ratio Lower Upper

164 100

166 113.3 102.7 154.1

129 103.2 80.4 120.6

131 93.1 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

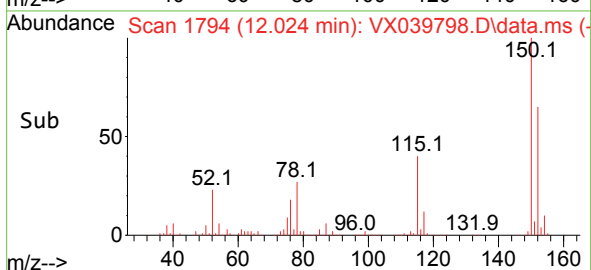
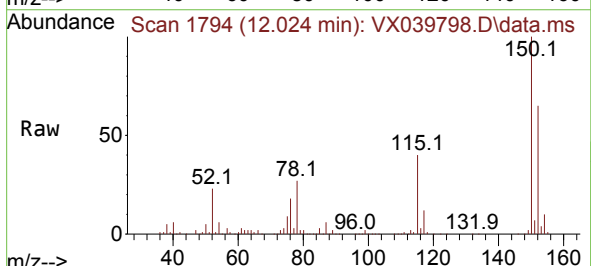
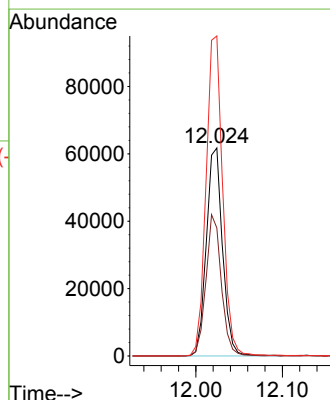
Tgt Ion:152 Resp: 80268

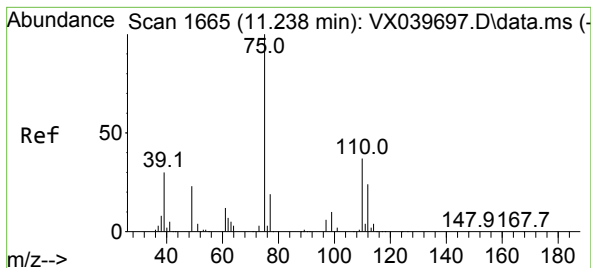
Ion Ratio Lower Upper

152 100

115 64.6 43.3 129.9

150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.880 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

Instrument :

MSVOA_X

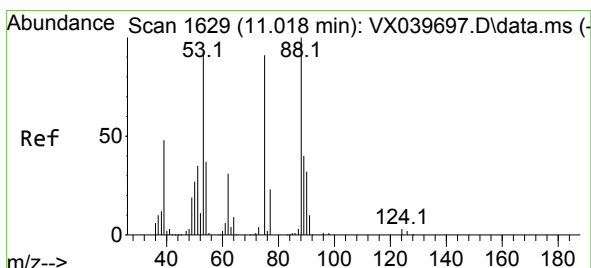
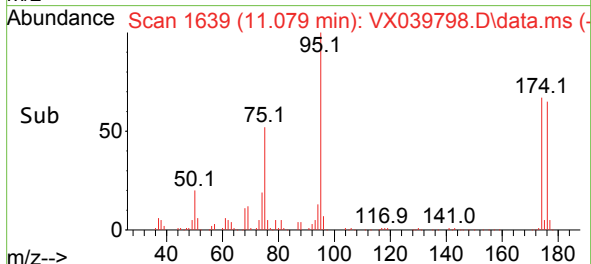
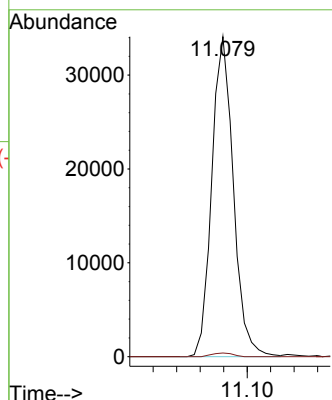
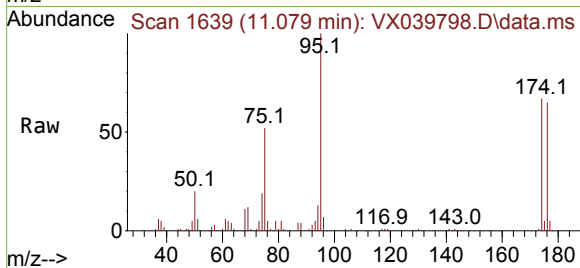
ClientSampleId :

Tgt Ion: 75 Resp: 43451

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.941 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039798.D

Acq: 17 Jan 2024 13:37

Tgt Ion: 75 Resp: 43451

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

