

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039799.D
 Acq On : 17 Jan 2024 14:00
 Operator : JC/MD
 Sample : P1156-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 18 02:42:43 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)

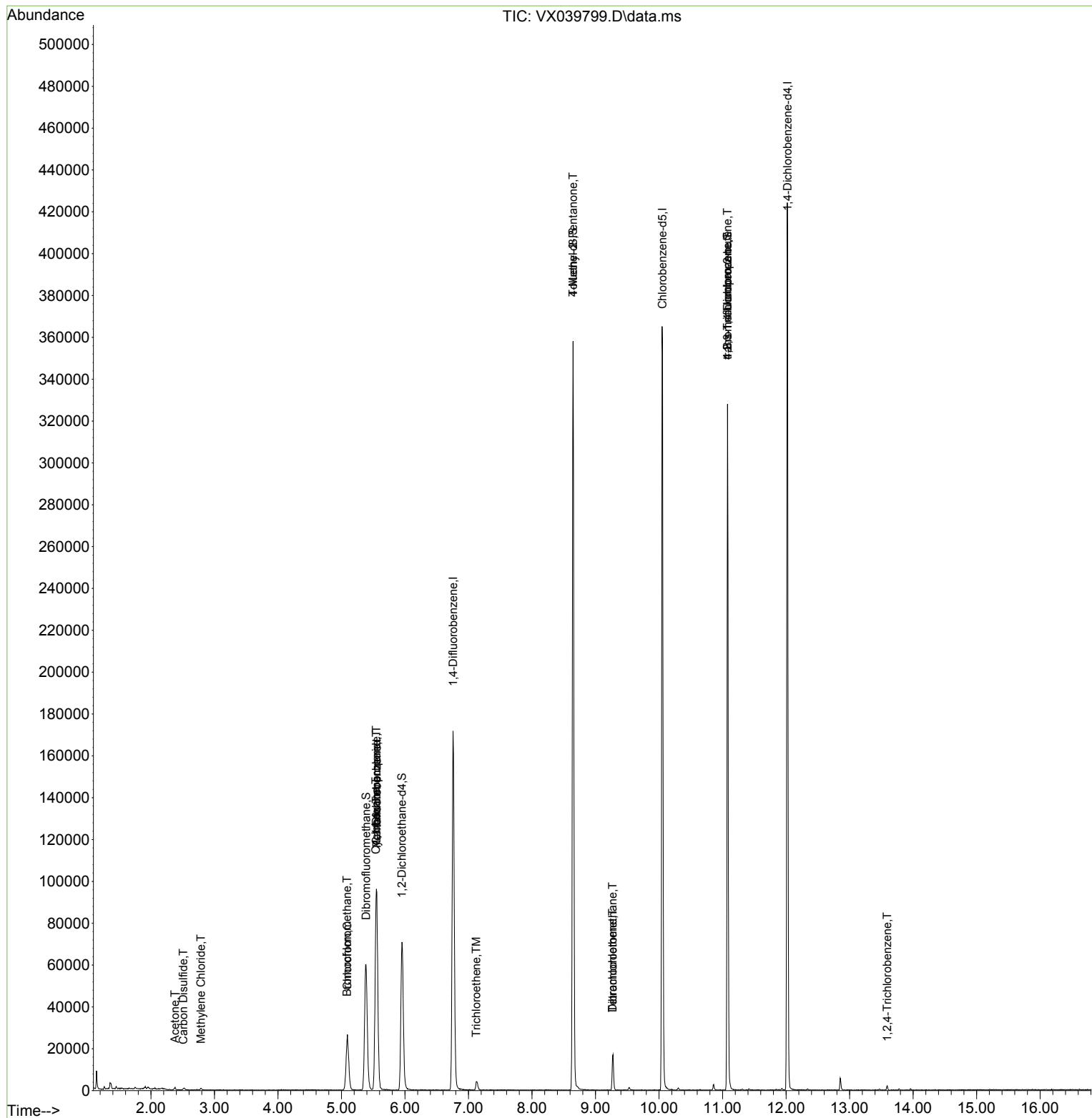
Internal Standards						
1) Pentafluorobenzene	5.556	168	86771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68870	47.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.760%
35) Dibromofluoromethane	5.385	113	53645	48.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	8.647	98	204755	48.732	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	83793	50.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.000%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1036	1.267	ug/l #	82
17) Carbon Disulfide	2.508	76	621	0.207	ug/l #	83
20) Methylene Chloride	2.788	84	391	0.316	ug/l #	79
28) Bromochloromethane	5.086	49	2534	2.591	ug/l #	16
30) Chloroform	5.093	83	29033	13.629	ug/l	98
31) Cyclohexane	5.544	56	2326	1.213	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8133	4.690	ug/l #	47
38) Carbon Tetrachloride	5.550	117	9869	6.214	ug/l #	15
44) Trichloroethene	7.123	130	1606	1.335	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1029	0.440	ug/l #	1
60) Dibromochloromethane	9.269	129	3084	2.619	ug/l #	11
64) Tetrachloroethene	9.269	164	3236	3.083	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	45869	21.595	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45869	62.798	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	647	0.385	ug/l	91

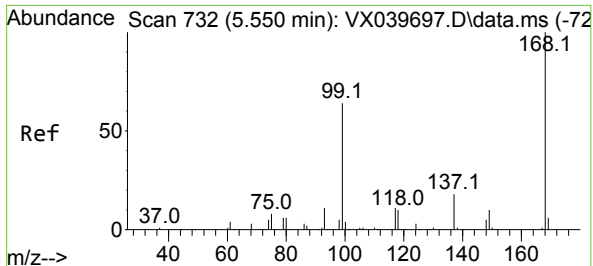
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 02:42:43 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

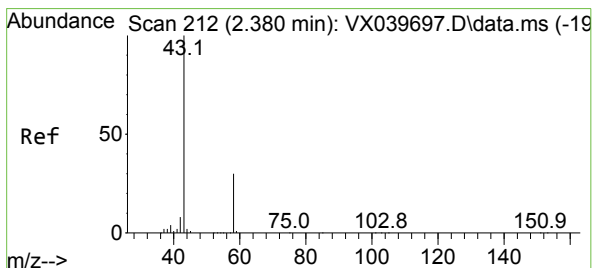
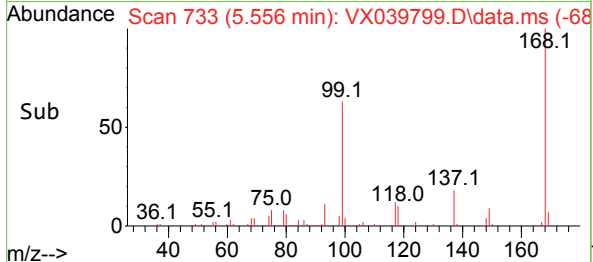
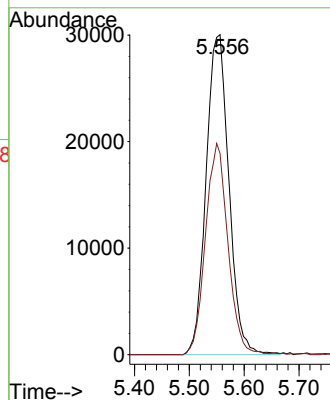
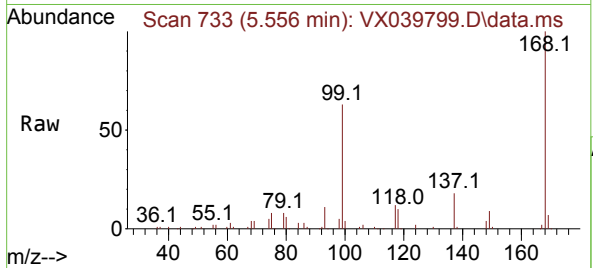




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

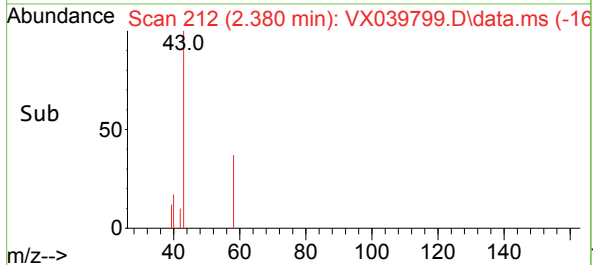
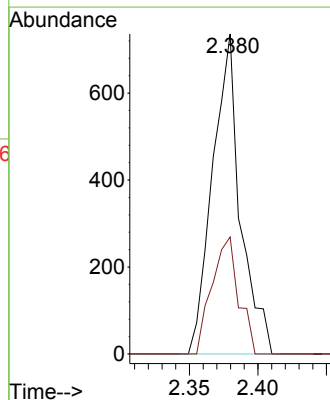
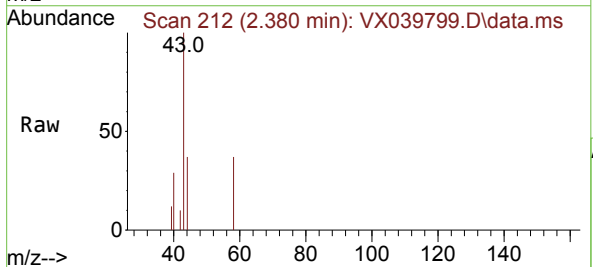
Instrument :
MSVOA_X
ClientSampleId :

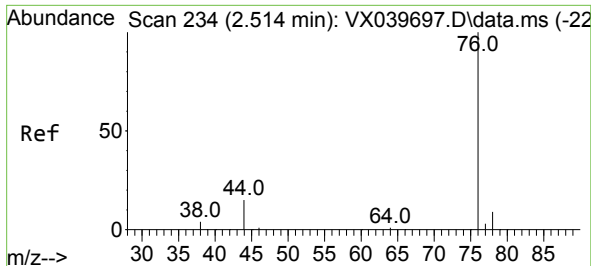
Tgt Ion:168 Resp: 86771
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#16
Acetone
Concen: 1.267 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

Instrument :

MSVOA_X

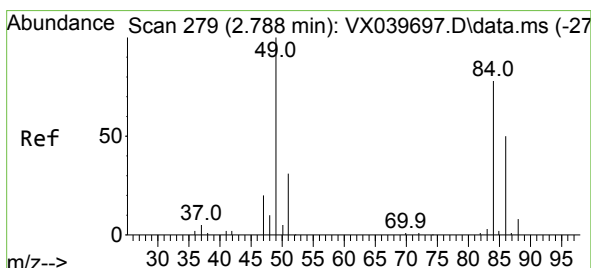
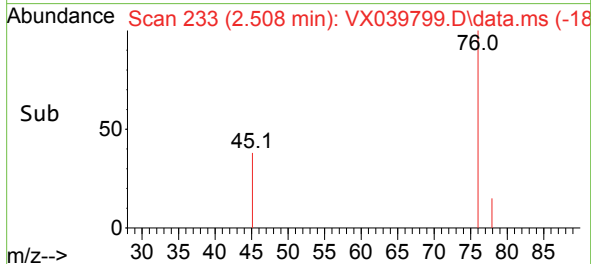
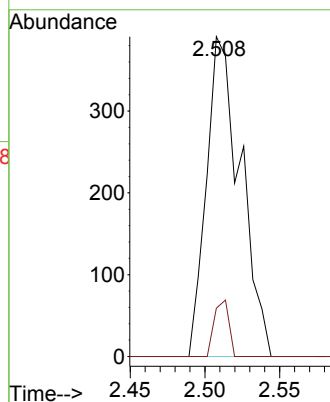
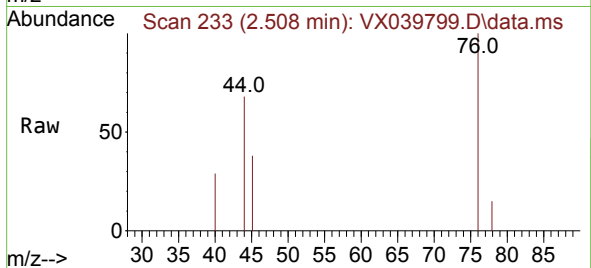
ClientSampleId :

Tgt Ion: 76 Resp: 621

Ion Ratio Lower Upper

76 100

78 15.1 7.0 10.6#



#20

Methylene Chloride

Concen: 0.316 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

Tgt Ion: 84 Resp: 391

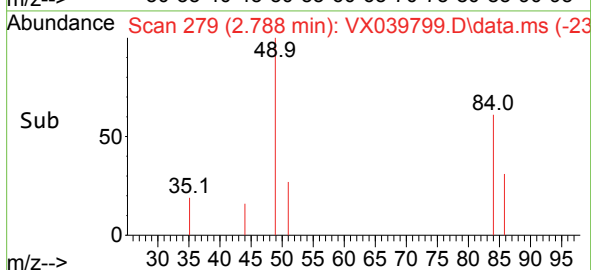
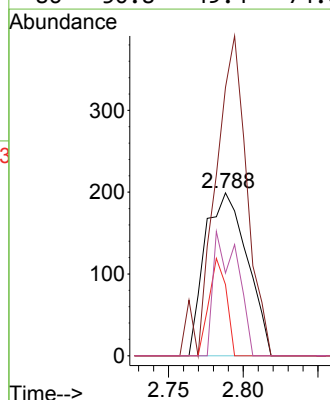
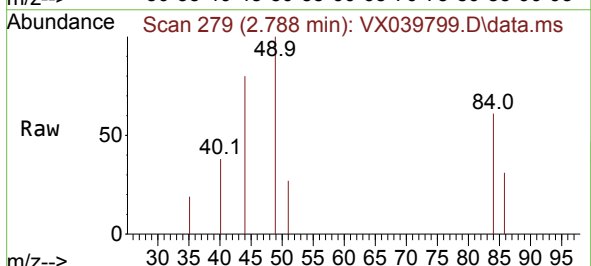
Ion Ratio Lower Upper

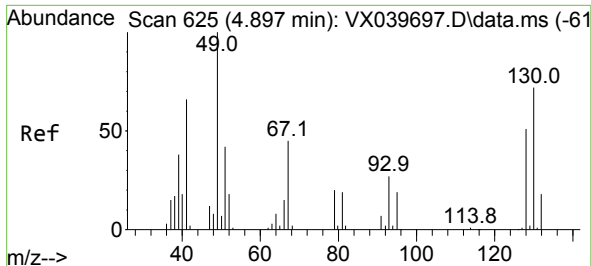
84 100

49 164.8 103.6 155.4#

51 43.7 33.8 50.6

86 50.8 49.4 74.0

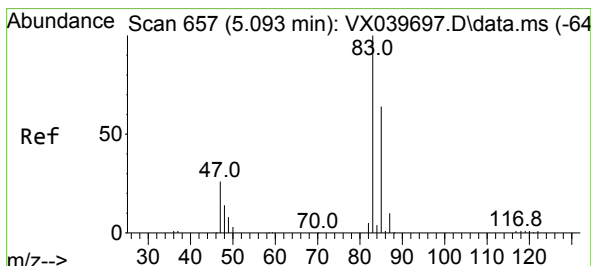
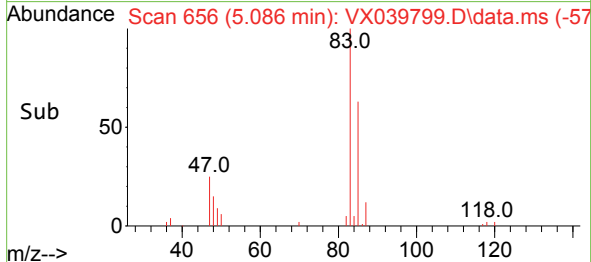
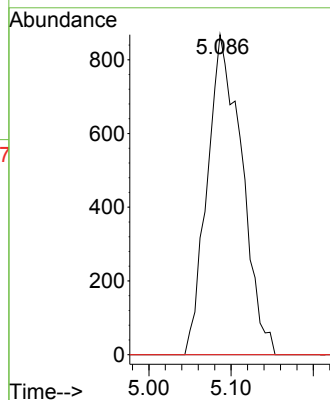
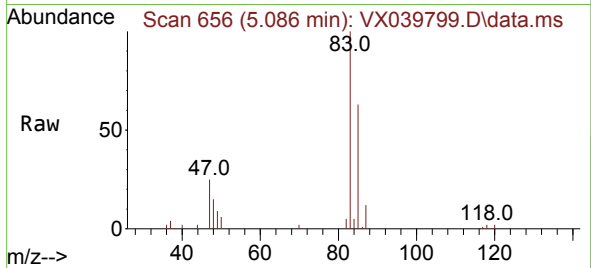




#28
Bromochloromethane
Concen: 2.591 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

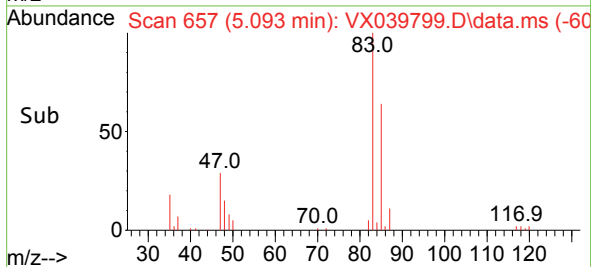
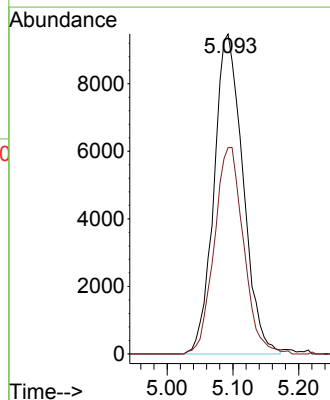
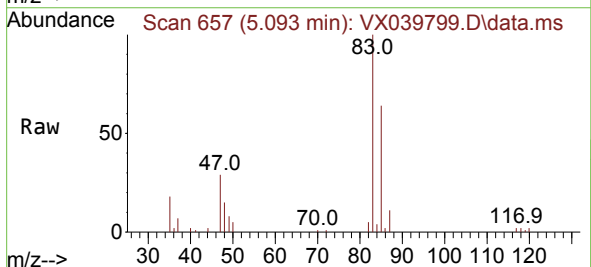
Instrument :
MSVOA_X
ClientSampleId :

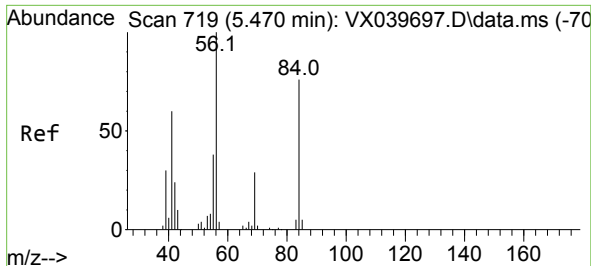
Tgt Ion: 49 Resp: 2534
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 13.629 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

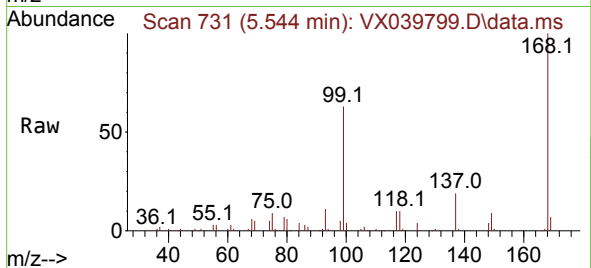
Tgt Ion: 83 Resp: 29033
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5



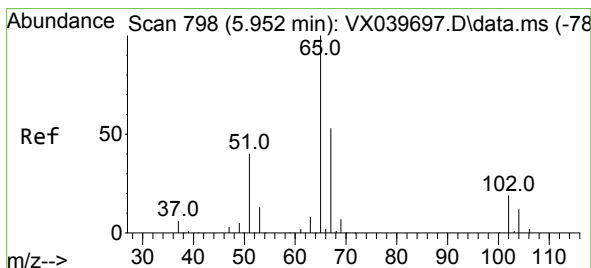
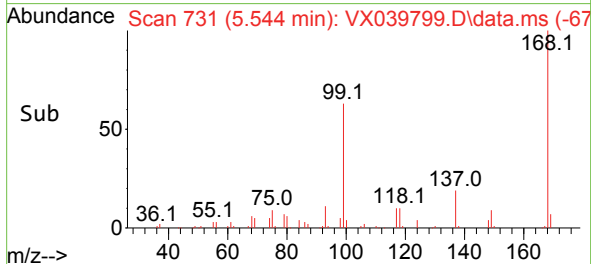
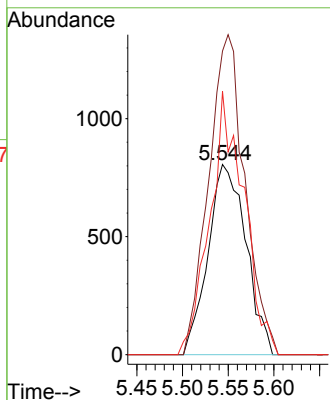


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Instrument :
MSVOA_X
ClientSampleId :

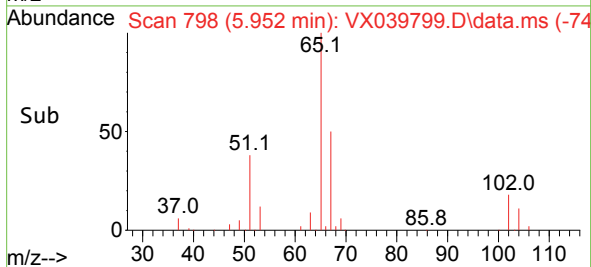
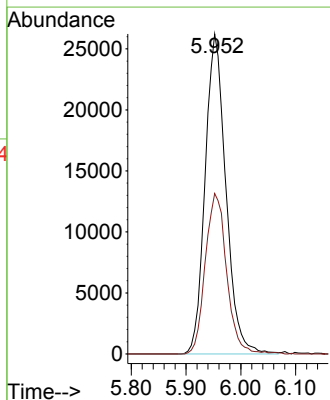
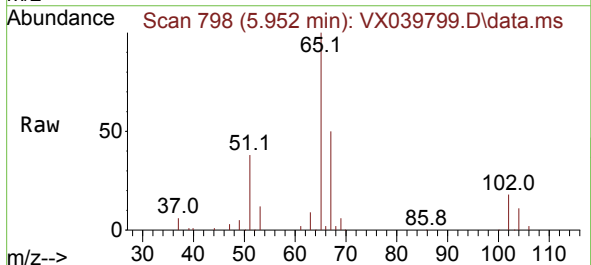


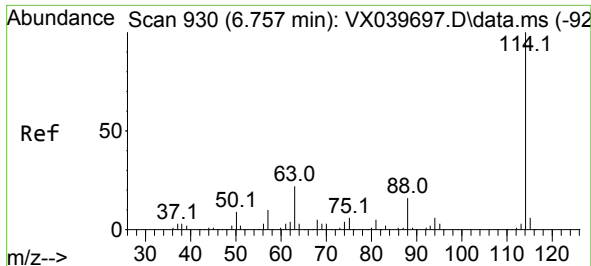
Tgt Ion: 56 Resp: 2326
Ion Ratio Lower Upper
56 100
69 159.7 23.4 35.2#
84 138.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.381 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion: 65 Resp: 68870
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

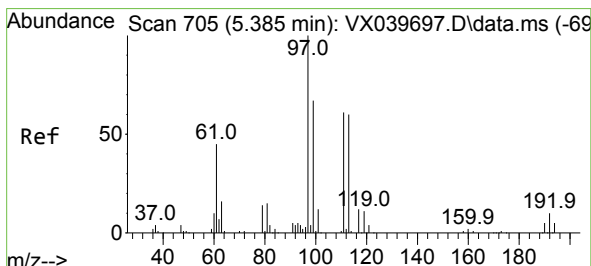
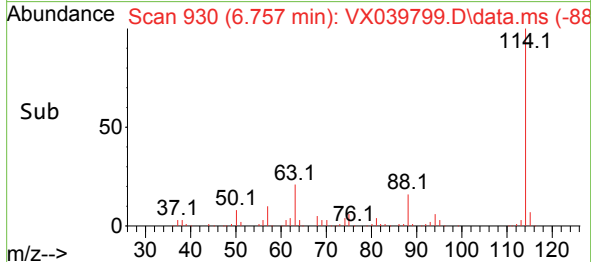
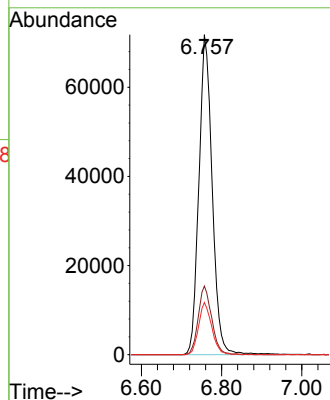
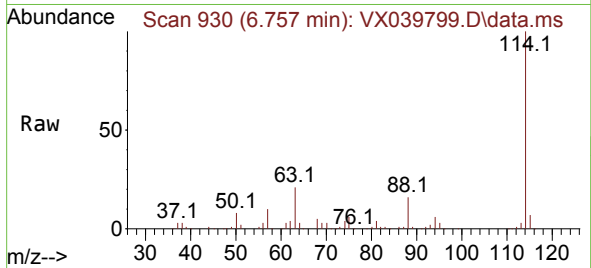




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

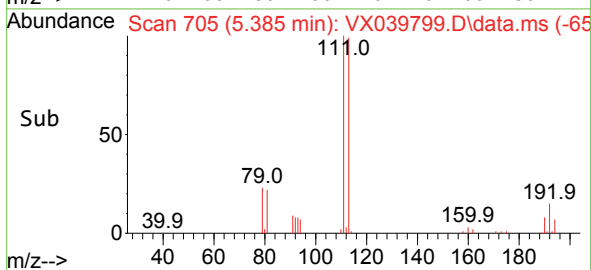
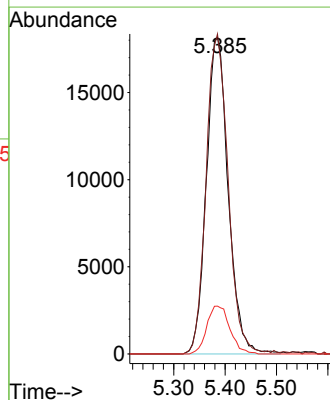
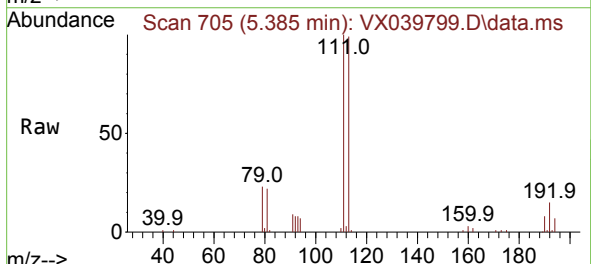
Instrument :
MSVOA_X
ClientSampleId :

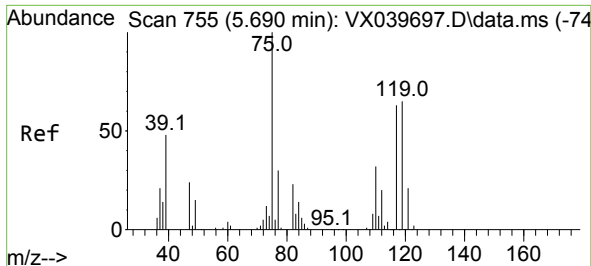
Tgt Ion:114 Resp: 165400
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.154 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion:113 Resp: 53645
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 15.9 13.3 19.9

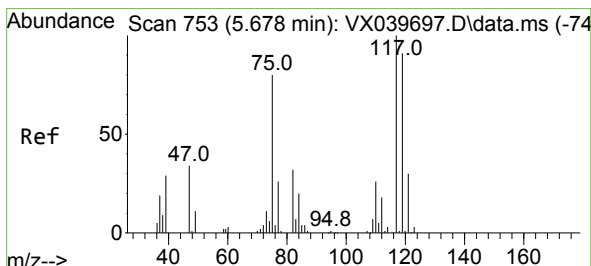
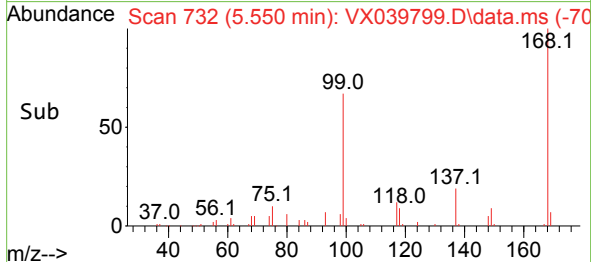
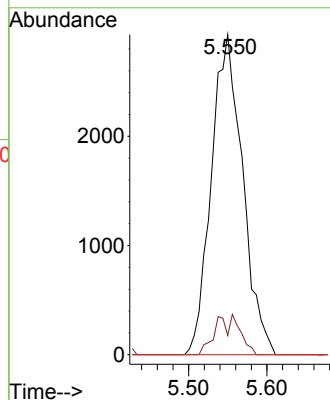
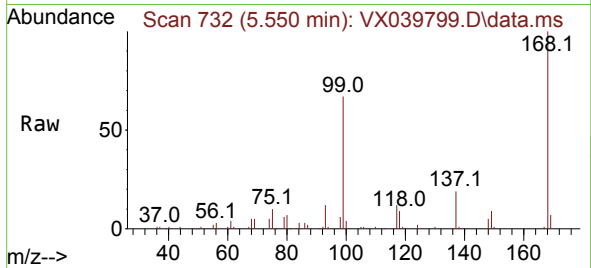




#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

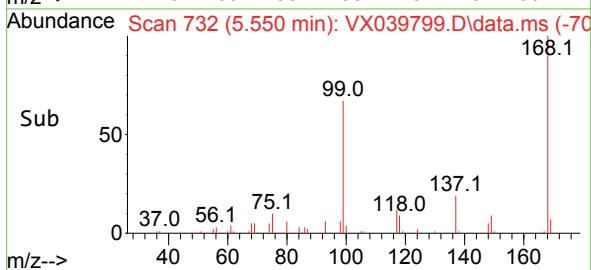
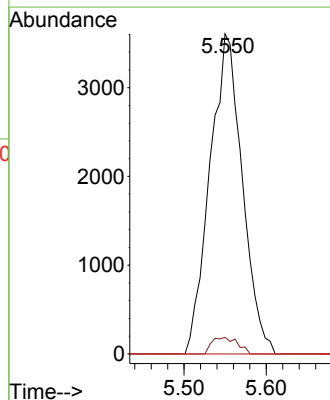
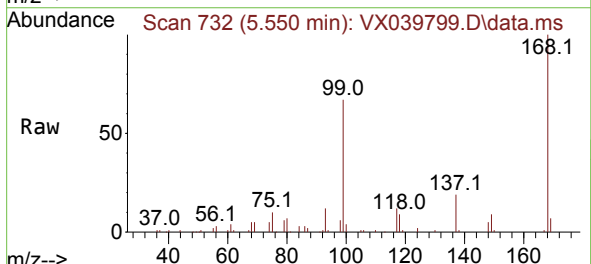
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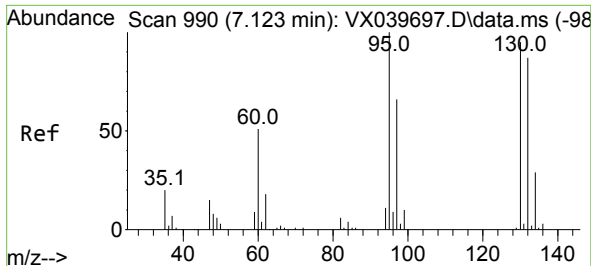
Tgt Ion: 75 Resp: 8133
Ion Ratio Lower Upper
75 100
110 5.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion: 117 Resp: 9869
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 1.335 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

Instrument :

MSVOA_X

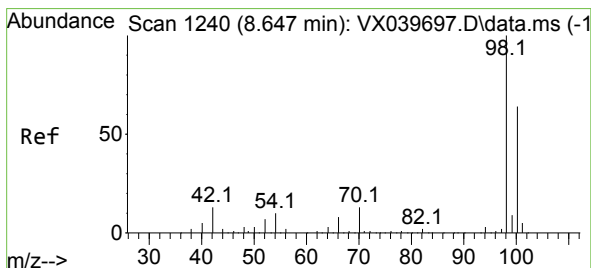
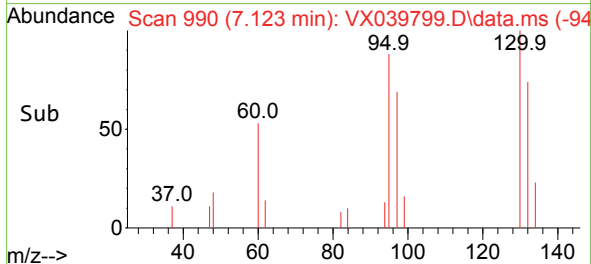
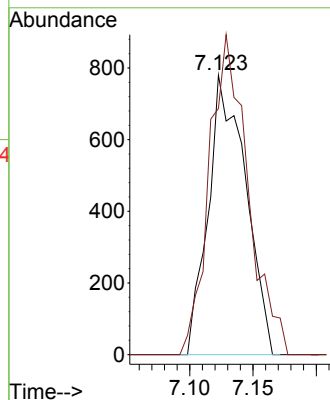
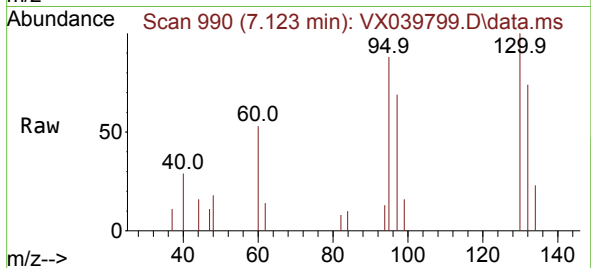
ClientSampleId :

Tgt Ion:130 Resp: 1606

Ion Ratio Lower Upper

130 100

95 88.1 0.0 204.4



#50

Toluene-d8

Concen: 48.732 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039799.D

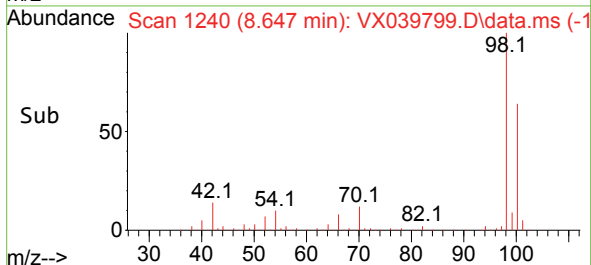
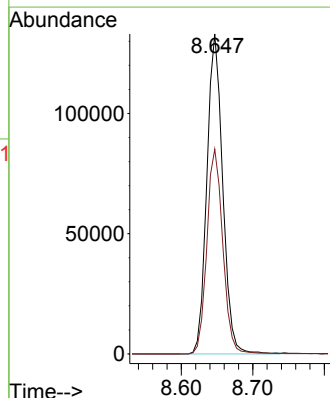
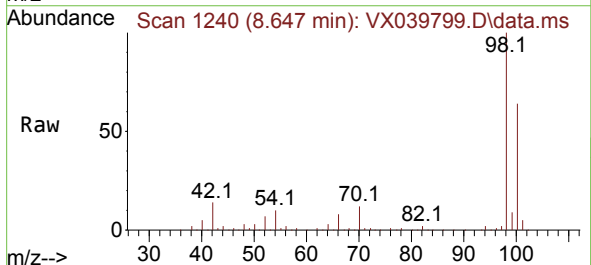
Acq: 17 Jan 2024 14:00

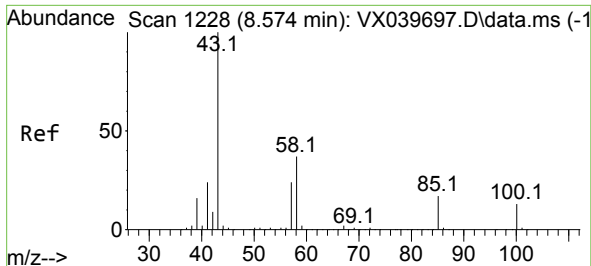
Tgt Ion: 98 Resp: 204755

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

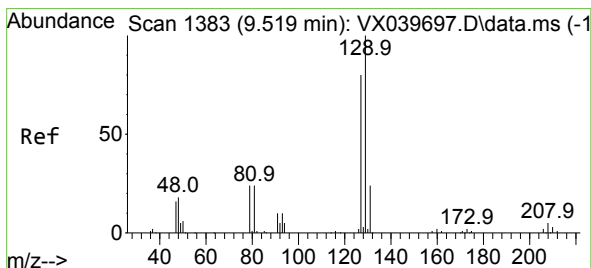
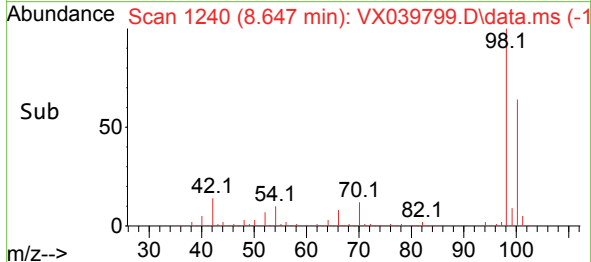
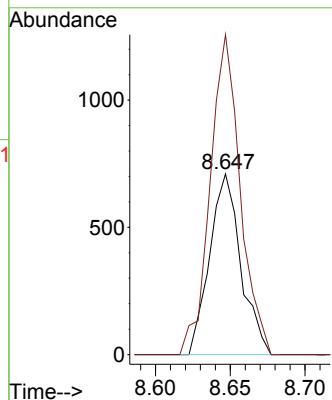
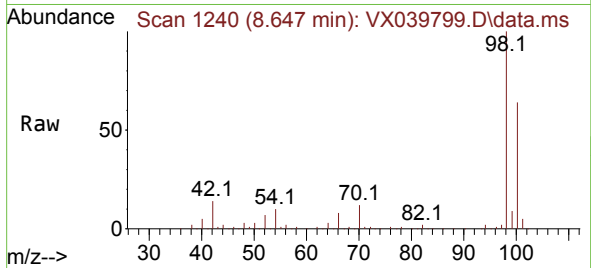




#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

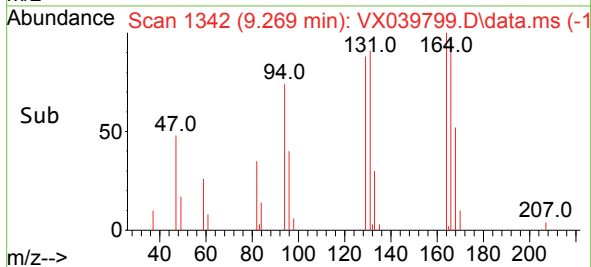
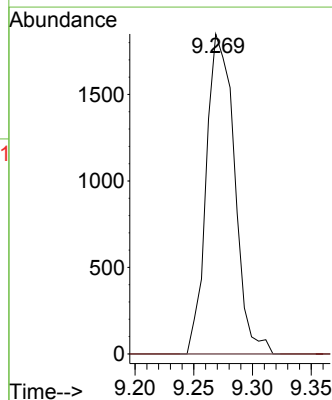
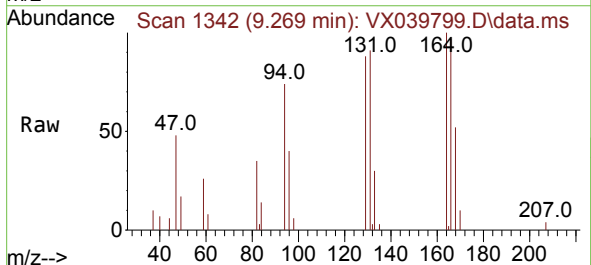
Instrument :
MSVOA_X
ClientSampleId :

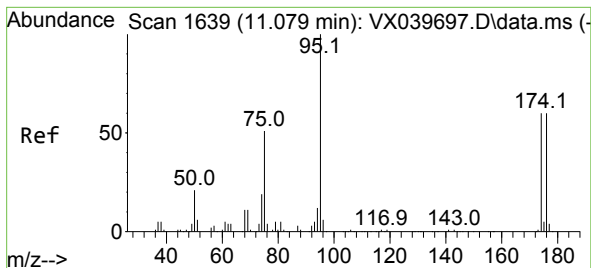
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 170.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 2.619 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion: 129 Resp: 3084
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

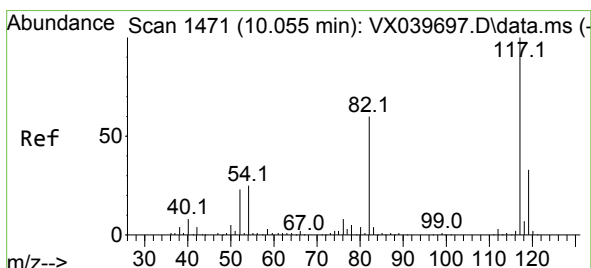
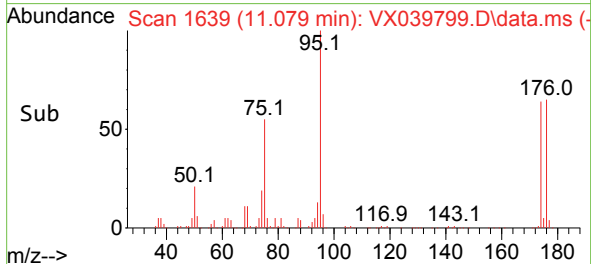
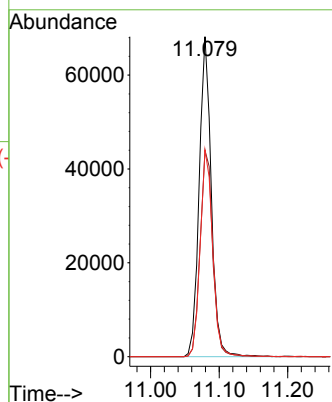
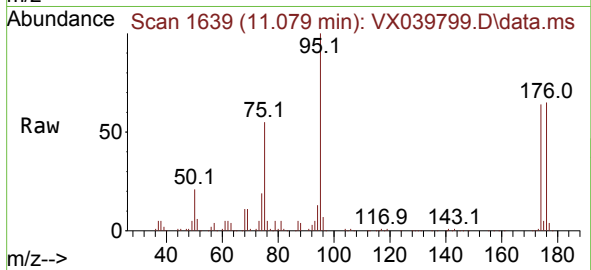




#62
4-Bromofluorobenzene
Concen: 50.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

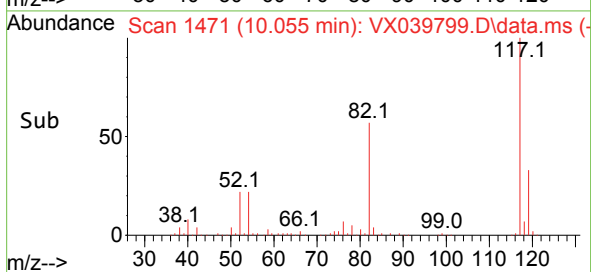
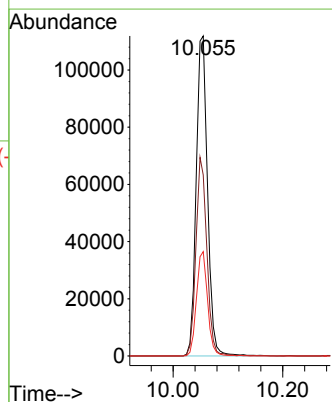
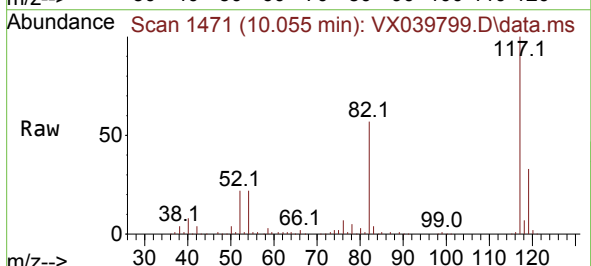
Instrument :
MSVOA_X
ClientSampleId :

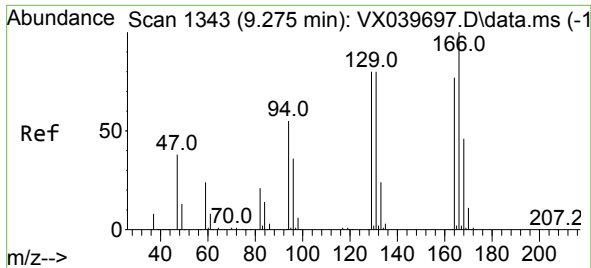
Tgt Ion: 95 Resp: 83793
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

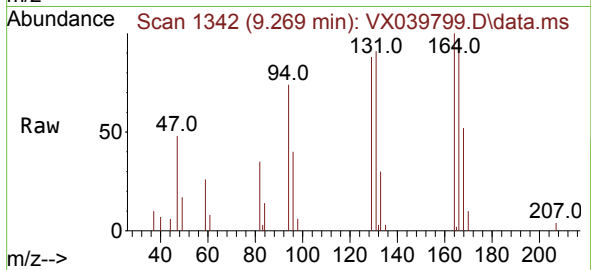
Tgt Ion: 117 Resp: 161421
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.6 25.5 38.3



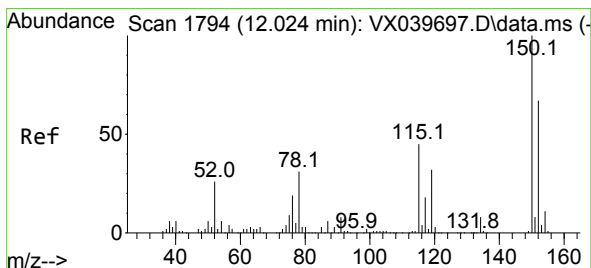
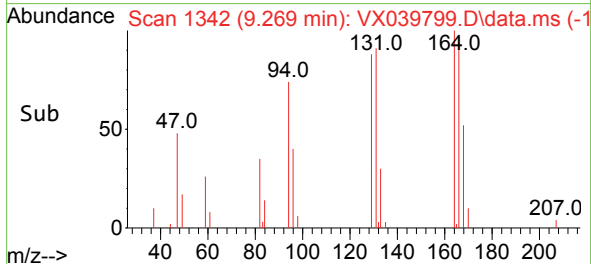
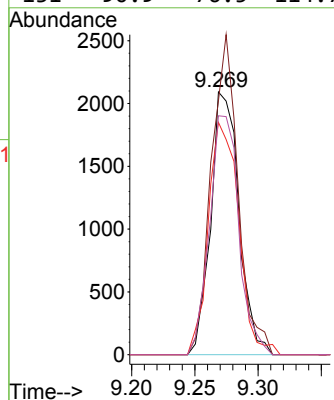


#64
Tetrachloroethene
Concen: 3.083 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Instrument :
MSVOA_X
ClientSampleId :

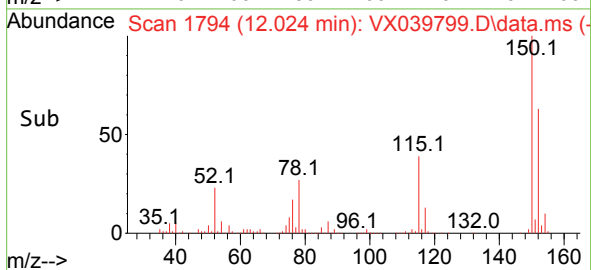
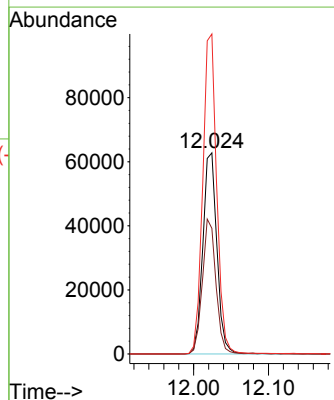
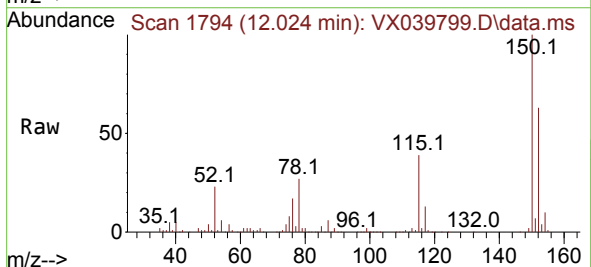


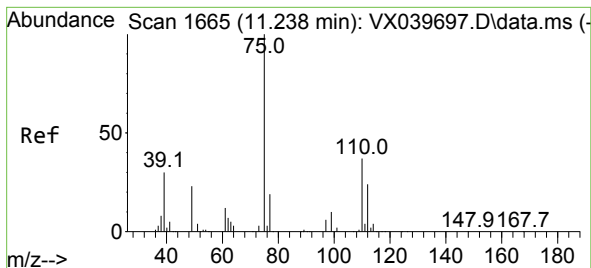
Tgt Ion:164 Resp: 3236
Ion Ratio Lower Upper
164 100
166 96.7 102.7 154.1#
129 88.4 80.4 120.6
131 90.9 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039799.D
Acq: 17 Jan 2024 14:00

Tgt Ion:152 Resp: 81929
Ion Ratio Lower Upper
152 100
115 64.8 43.3 129.9
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

Instrument :

MSVOA_X

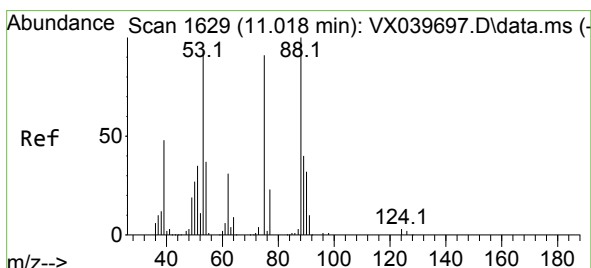
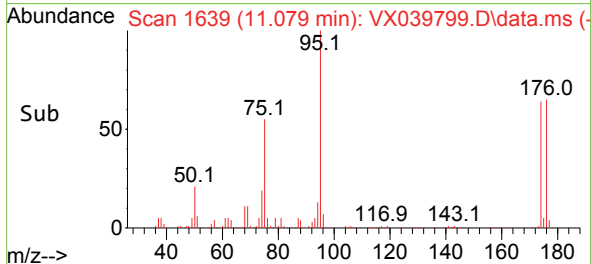
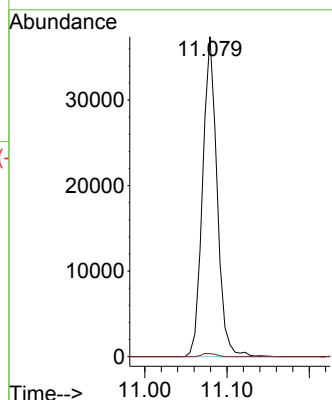
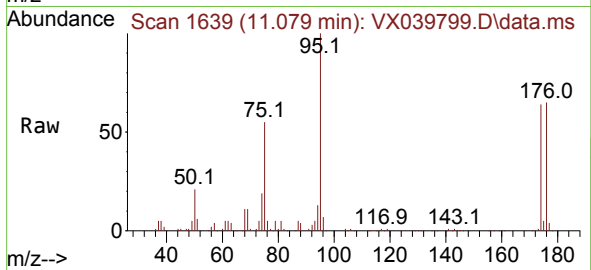
ClientSampleId :

Tgt Ion: 75 Resp: 45869

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.798 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

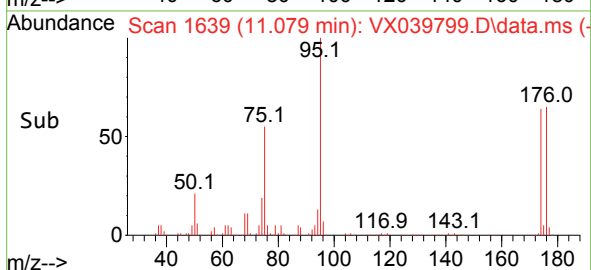
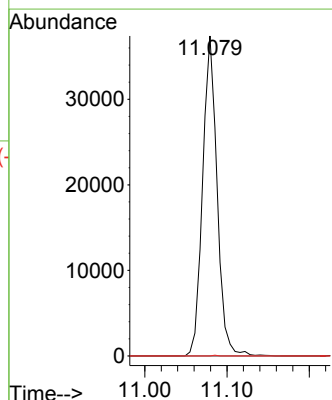
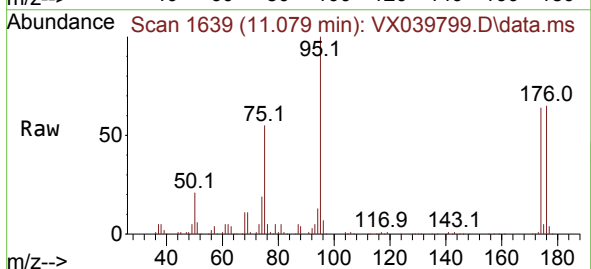
Tgt Ion: 75 Resp: 45869

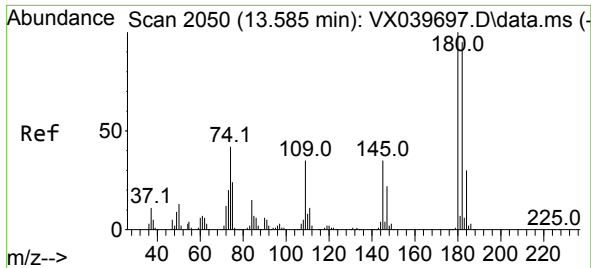
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.385 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

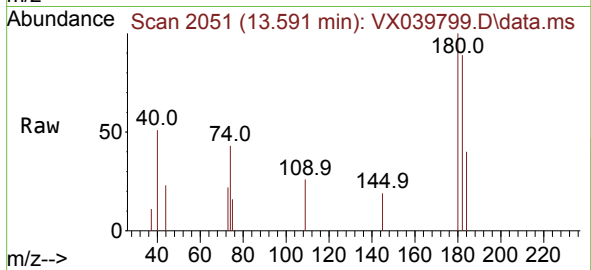
Lab File: VX039799.D

Acq: 17 Jan 2024 14:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 647

Ion Ratio Lower Upper

180 100

182 92.3 48.3 144.8

145 22.7 18.0 54.0

