

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039745.D
 Acq On : 12 Jan 2024 18:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 22:43:21 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)

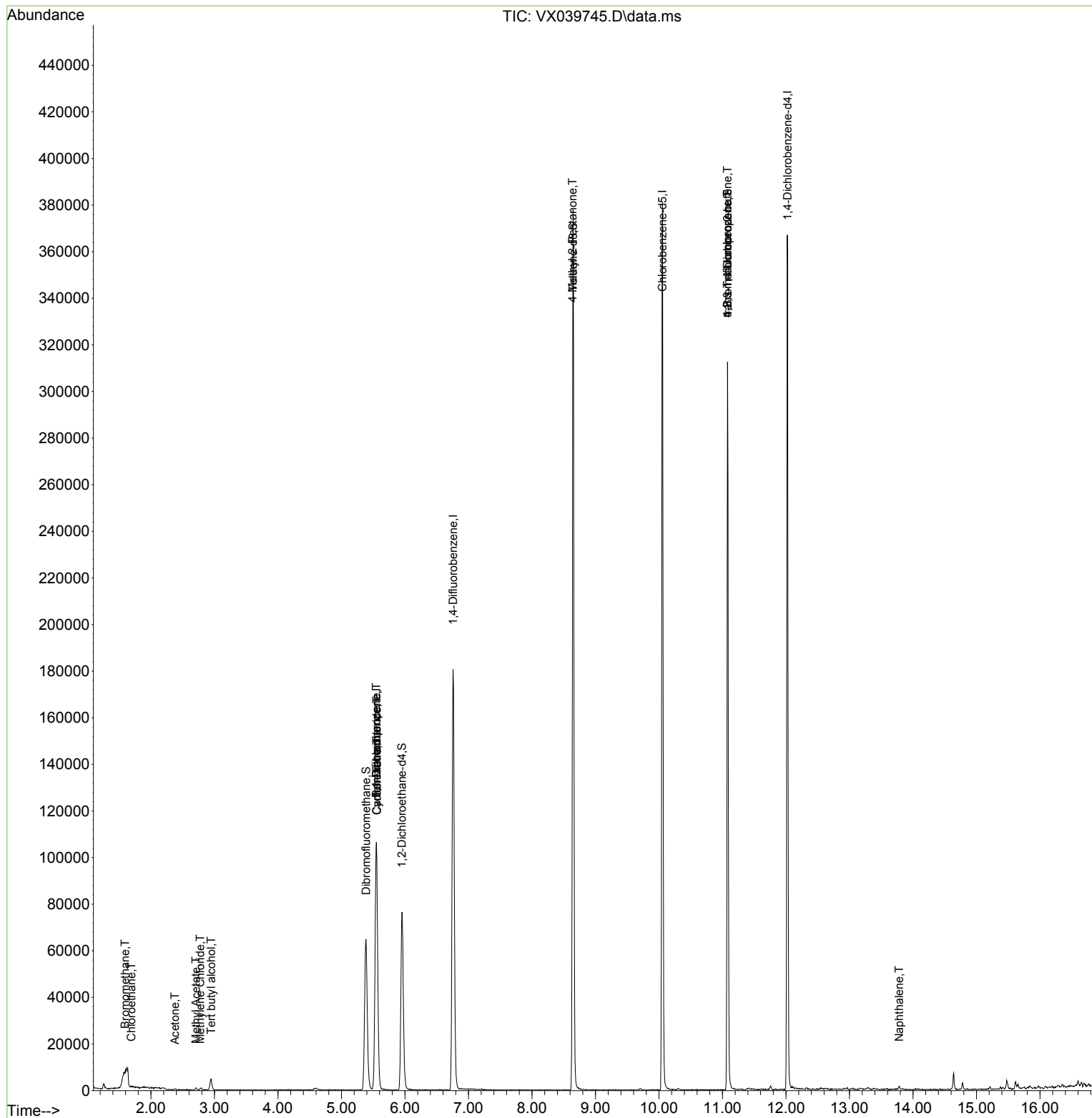
Internal Standards						
1) Pentafluorobenzene	5.550	168	97111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	180204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73049	44.905	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.800%		
35) Dibromofluoromethane	5.385	113	57292	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	220851	48.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.480%		
62) 4-Bromofluorobenzene	11.079	95	84806	47.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds						Qvalue
5) Bromomethane	1.593	94	299	0.387	ug/l #	40
6) Chloroethane	1.691	64	179	0.233	ug/l #	43
11) Tert butyl alcohol	2.947	59	3092	7.302	ug/l #	78
13) Acrolein	2.044	56	48	Below Cal	#	14
16) Acetone	2.380	43	390	0.426	ug/l #	47
18) Methyl Acetate	2.709	43	1071	0.560	ug/l #	80
20) Methylene Chloride	2.776	84	425	0.307	ug/l #	66
31) Cyclohexane	5.556	56	2414	1.124	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	9236	4.889	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10194	5.891	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1152	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45786	24.588	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45786	70.459	ug/l #	5
95) Naphthalene	13.780	128	1460	0.269	ug/l #	93

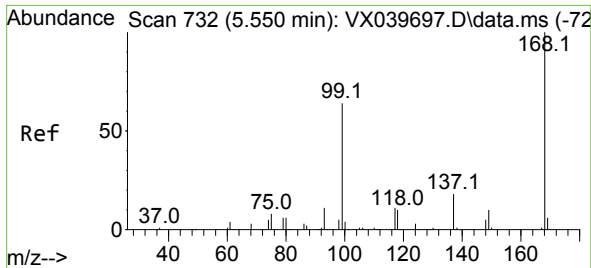
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 22:43:21 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

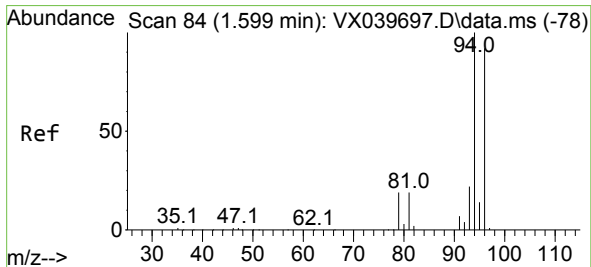
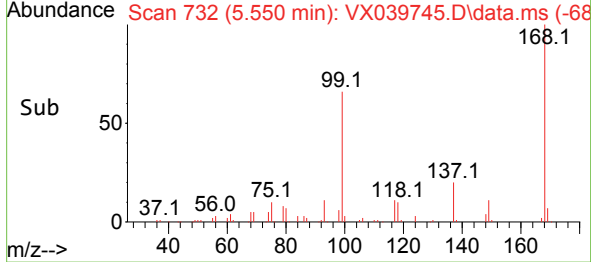
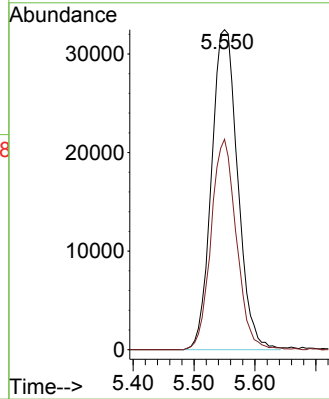
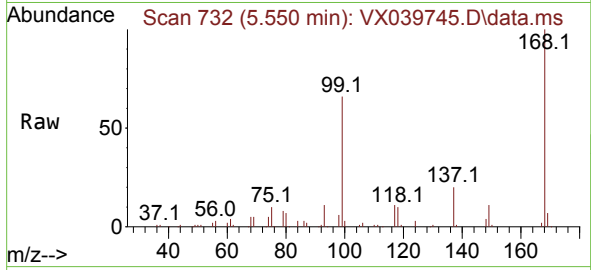




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

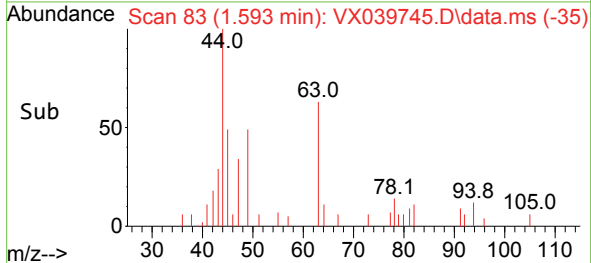
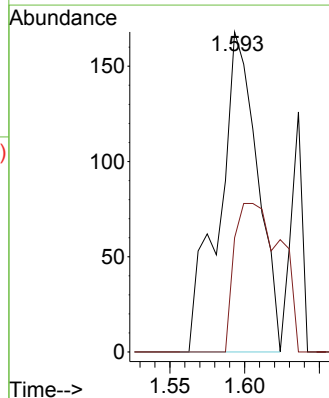
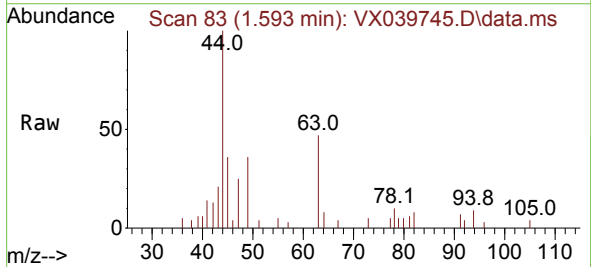
Instrument :
MSVOA_X
ClientSampleId :

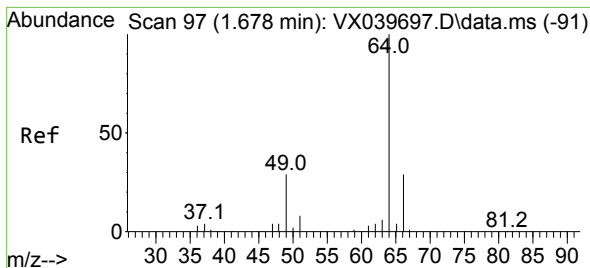
Tgt Ion:168 Resp: 97111
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

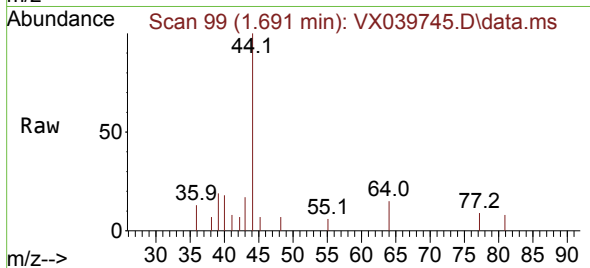
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 35.7 74.6 111.8#



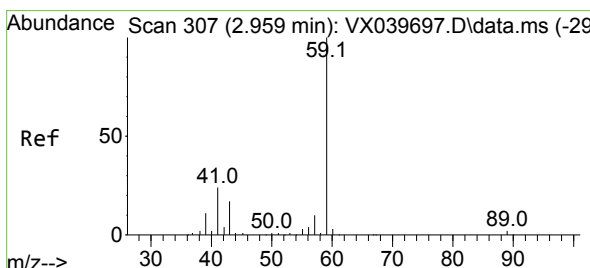
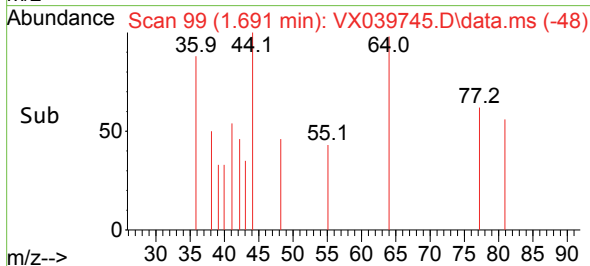
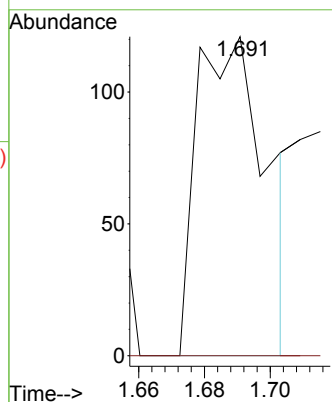


#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

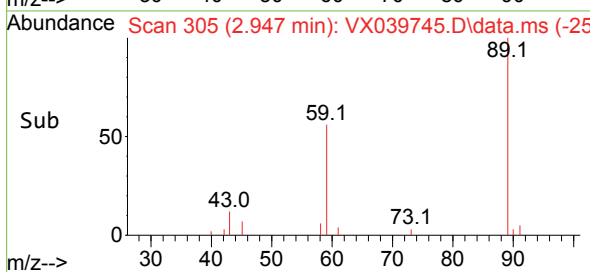
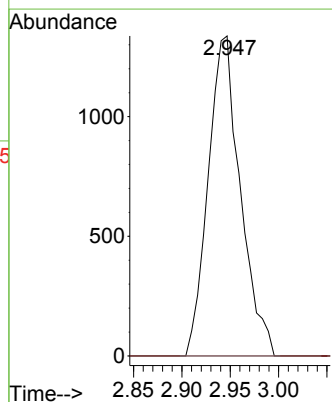
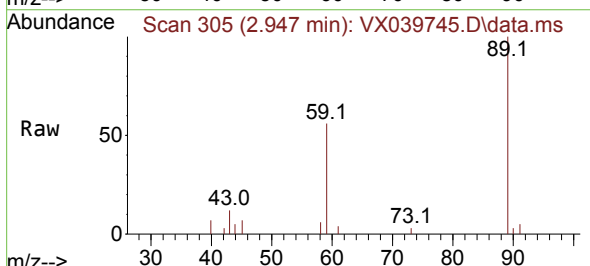


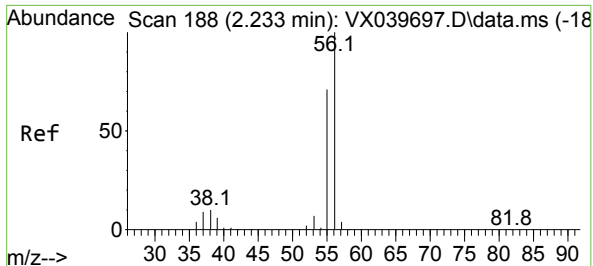
Tgt Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 7.302 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

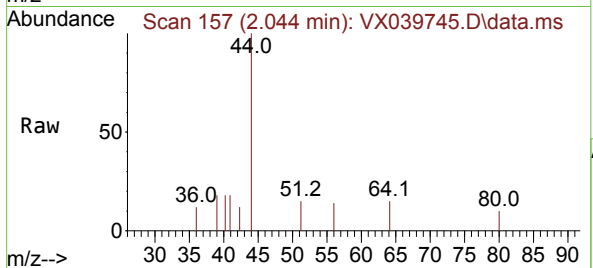
Tgt Ion: 59 Resp: 3092
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



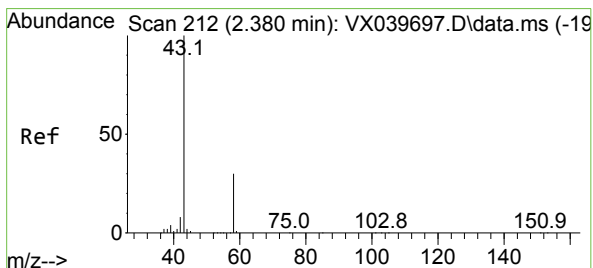
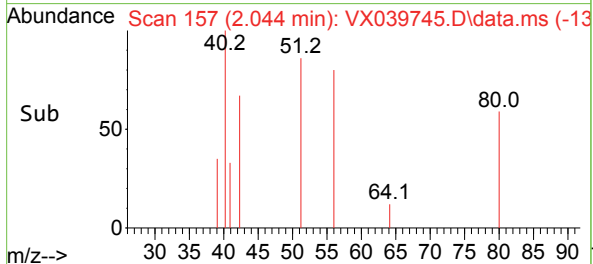
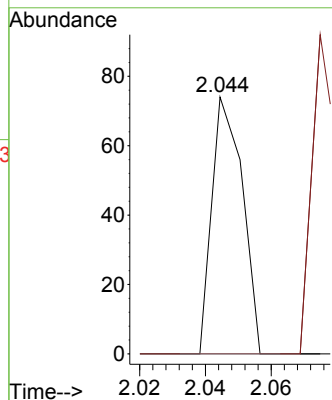


#13
Acrolein
Concen: Below Cal
RT: 2.044 min Scan# 11
Delta R.T. -0.189 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

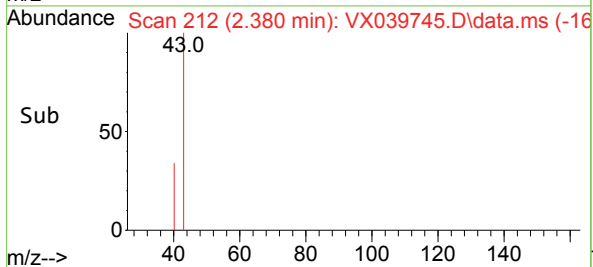
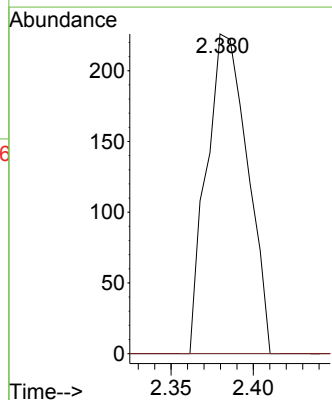
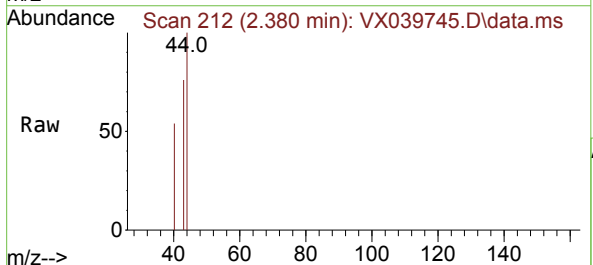


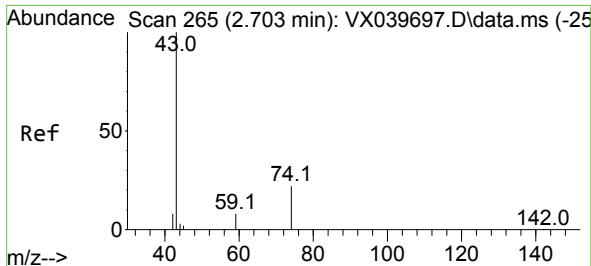
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 0.426 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#18

Methyl Acetate

Concen: 0.560 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX039745.D

Acq: 12 Jan 2024 18:17

Instrument :

MSVOA_X

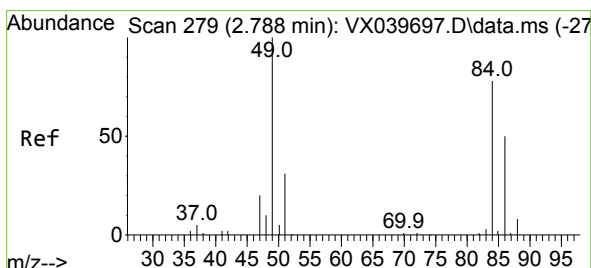
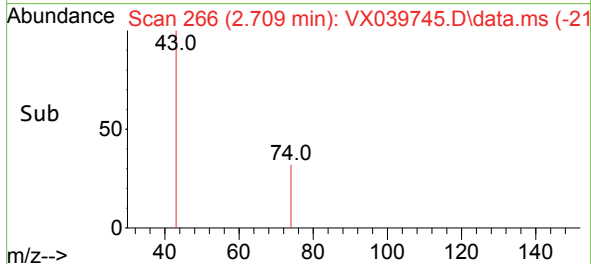
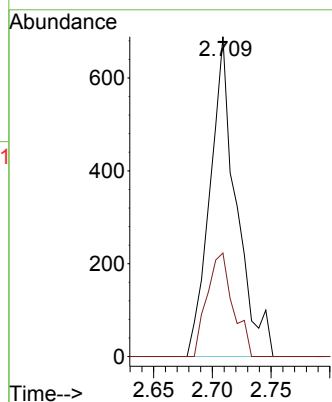
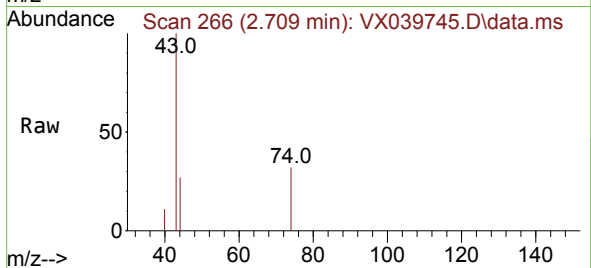
ClientSampleId :

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

74 31.9 17.8 26.8#



#20

Methylene Chloride

Concen: 0.307 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX039745.D

Acq: 12 Jan 2024 18:17

Tgt Ion: 84 Resp: 425

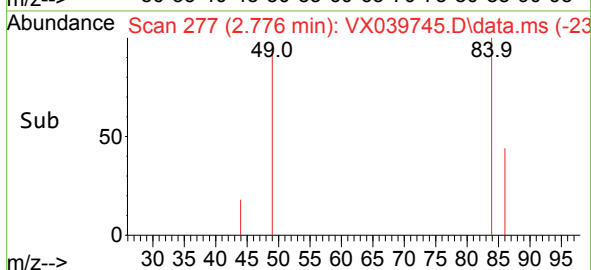
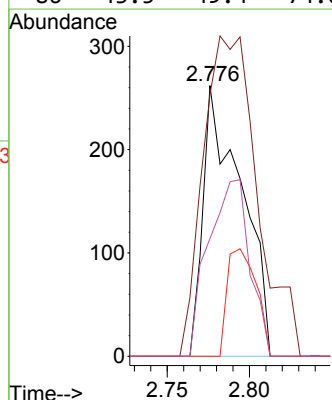
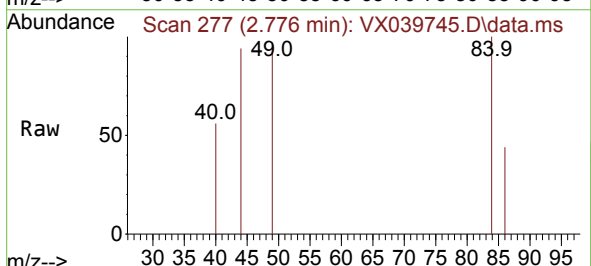
Ion Ratio Lower Upper

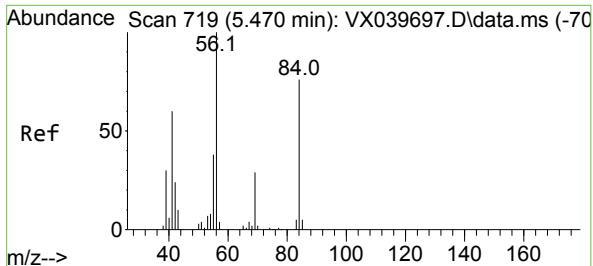
84 100

49 96.6 103.6 155.4#

51 0.0 33.8 50.6#

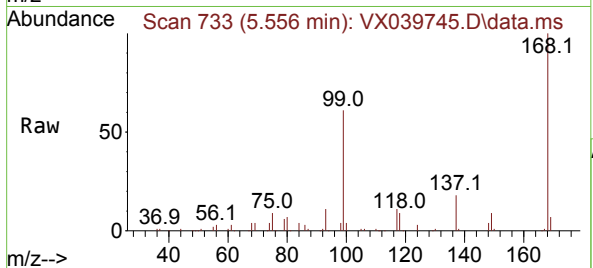
86 43.5 49.4 74.0#



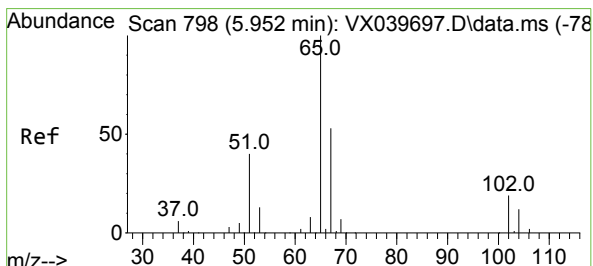
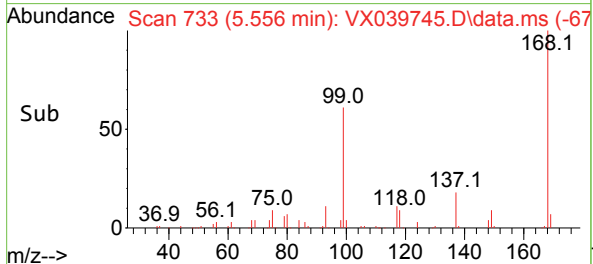
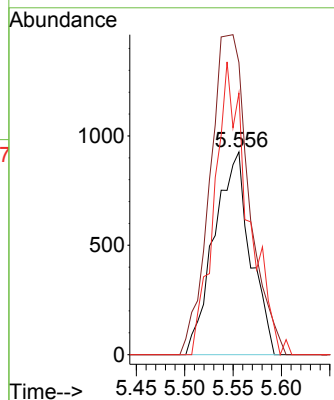


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

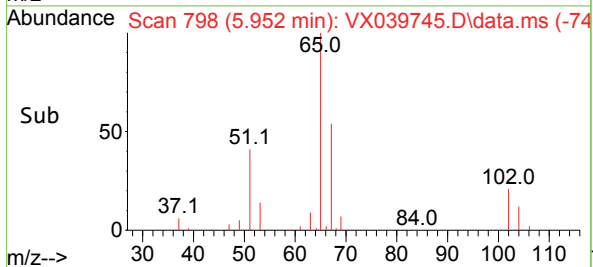
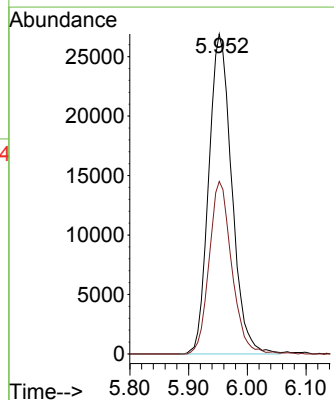
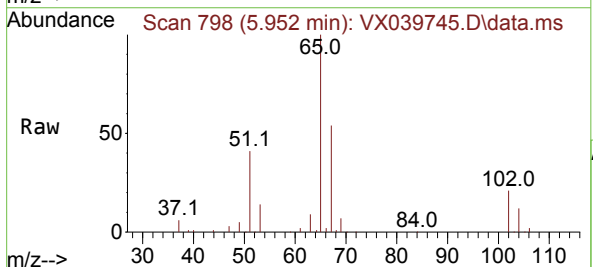


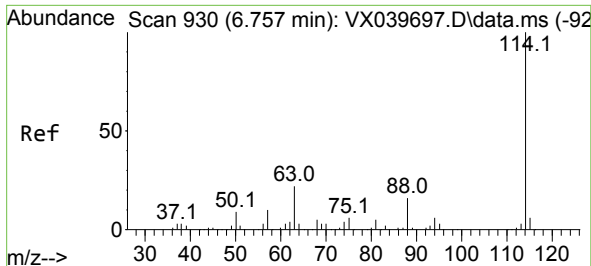
Tgt Ion: 56 Resp: 2414
Ion Ratio Lower Upper
56 100
69 144.1 23.4 35.2#
84 129.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.905 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Tgt Ion: 65 Resp: 73049
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

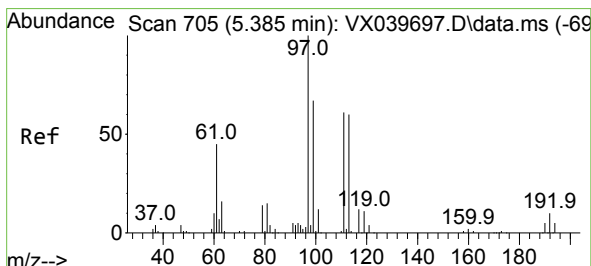
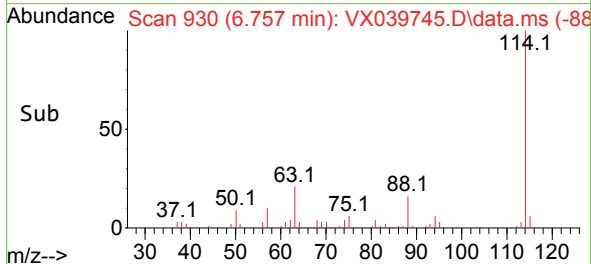
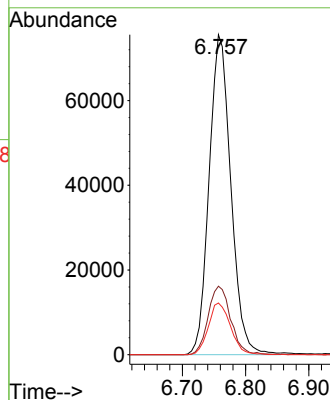
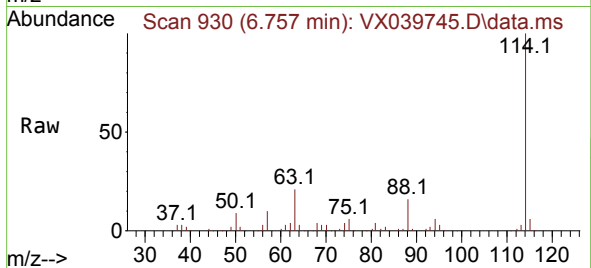




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

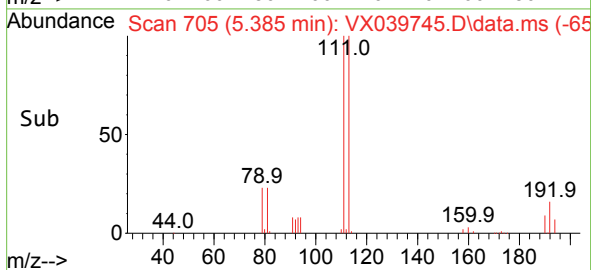
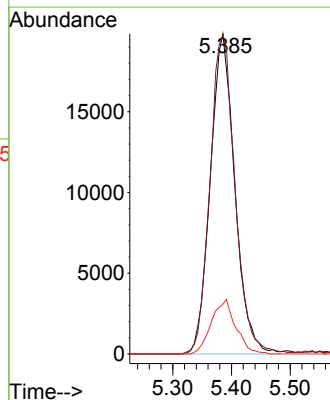
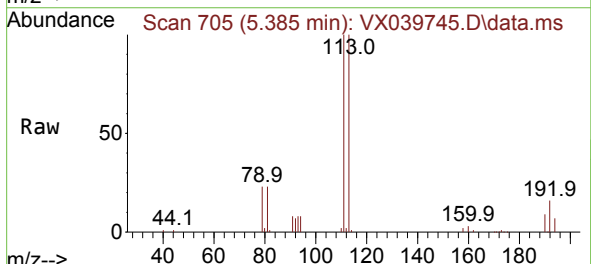
Instrument :
MSVOA_X
ClientSampleId :

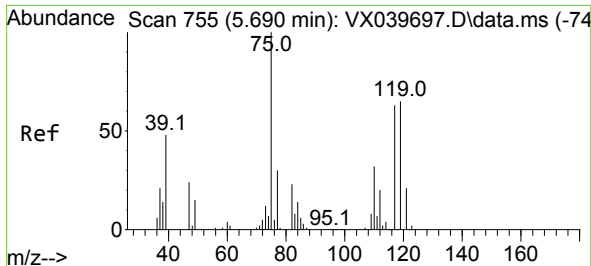
Tgt Ion:114 Resp: 180204
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

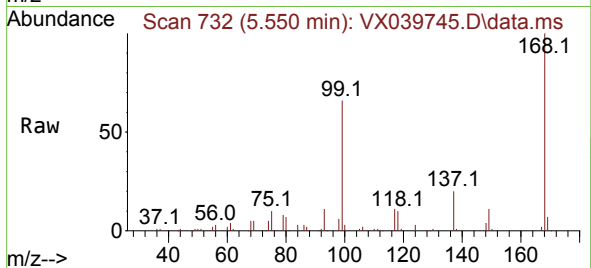
Tgt Ion:113 Resp: 57292
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.0 13.3 19.9



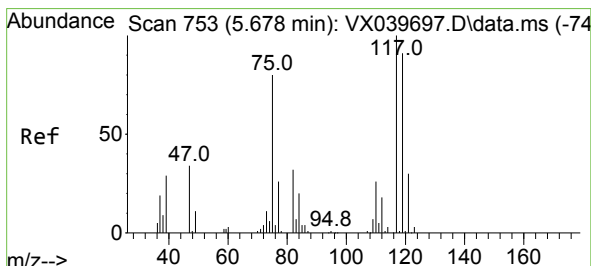
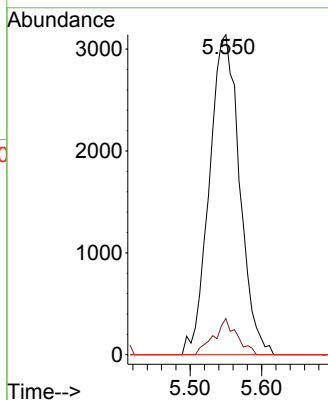
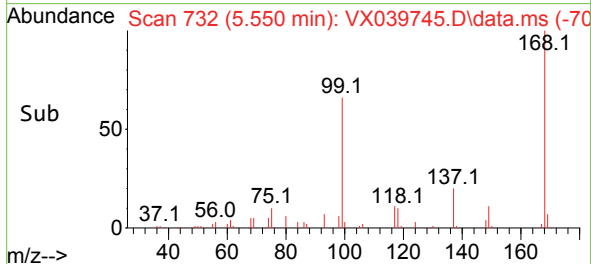


#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

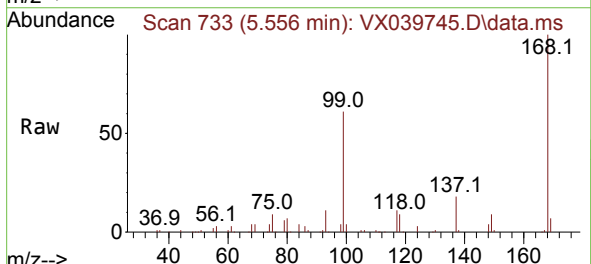
Instrument :
MSVOA_X
ClientSampleId :



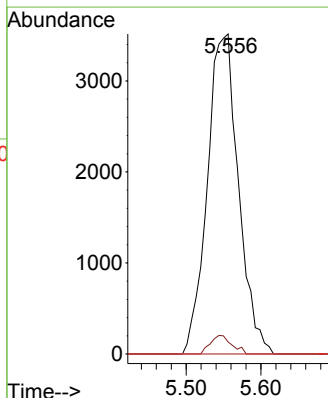
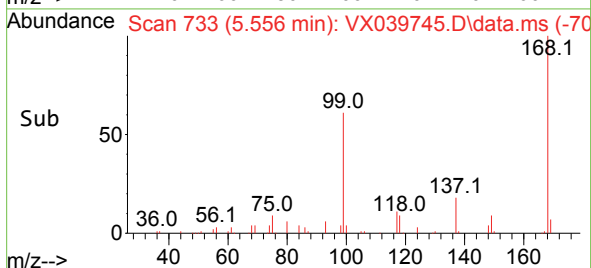
Tgt Ion: 75 Resp: 9236
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#

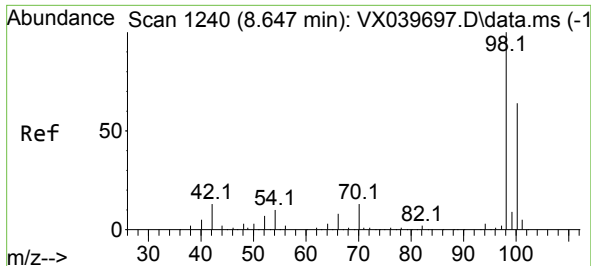


#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17



Tgt Ion: 117 Resp: 10194
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

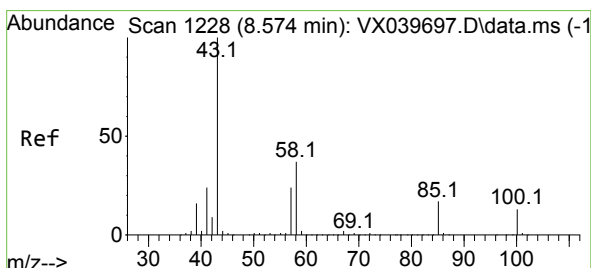
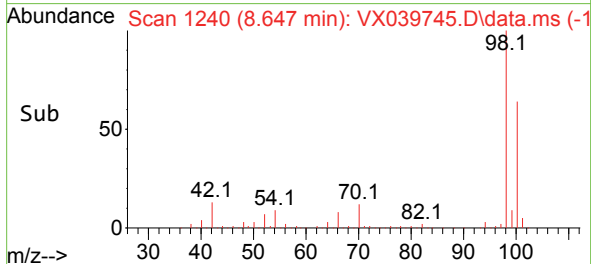
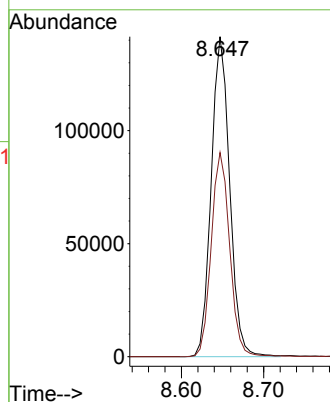
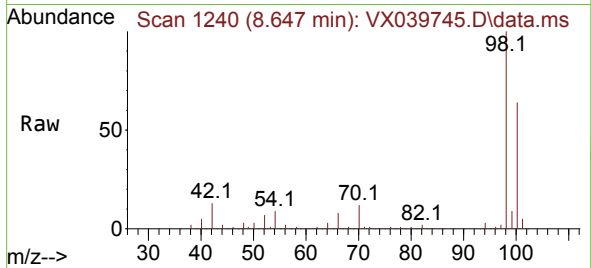




#50
Toluene-d8
Concen: 48.245 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

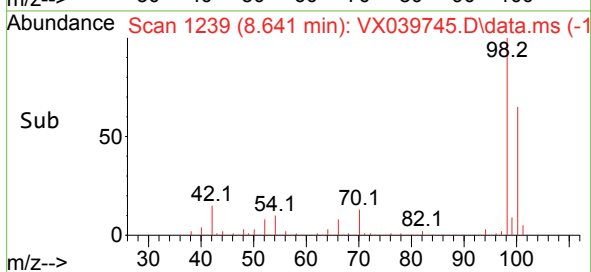
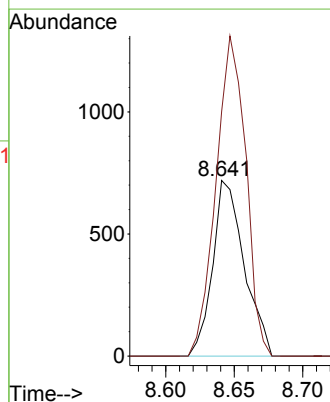
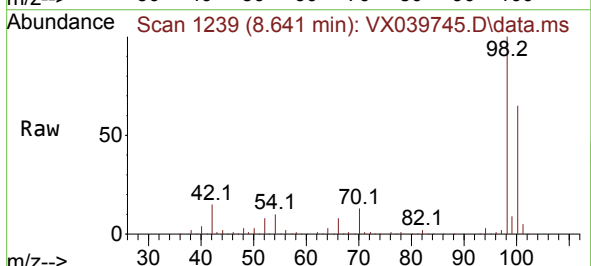
Instrument :
MSVOA_X
ClientSampleId :

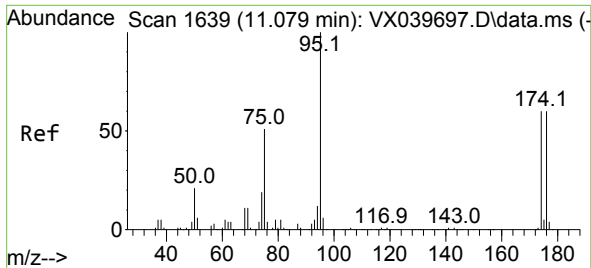
Tgt Ion: 98 Resp: 220851
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 172.5 30.4 45.6#

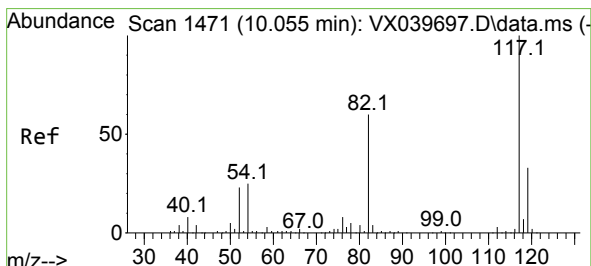
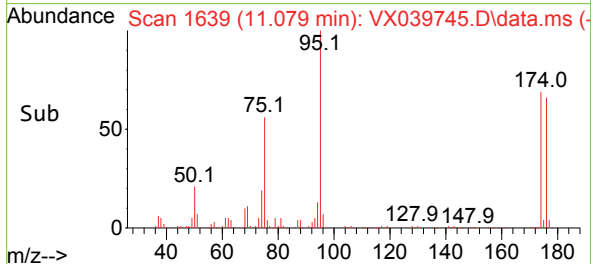
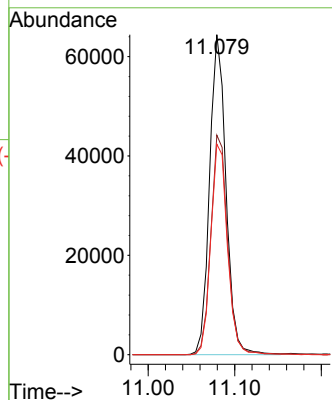
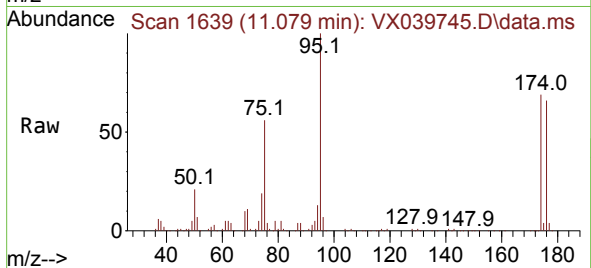




#62
4-Bromofluorobenzene
Concen: 47.375 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

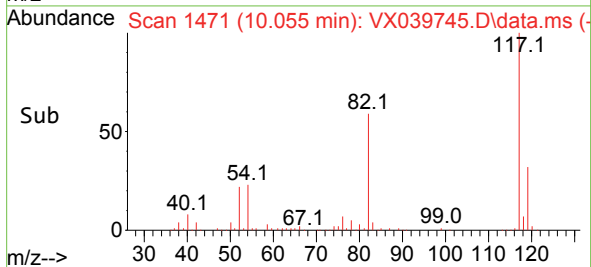
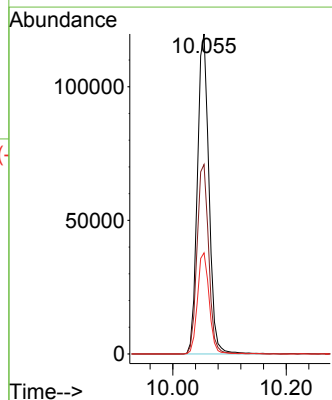
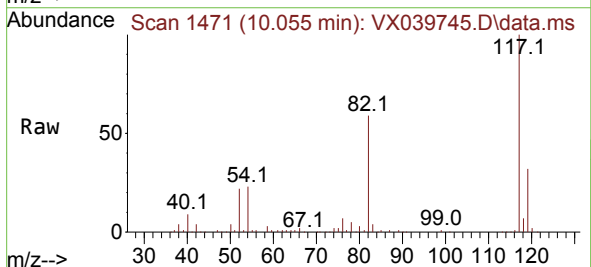
Instrument :
MSVOA_X
ClientSampleId :

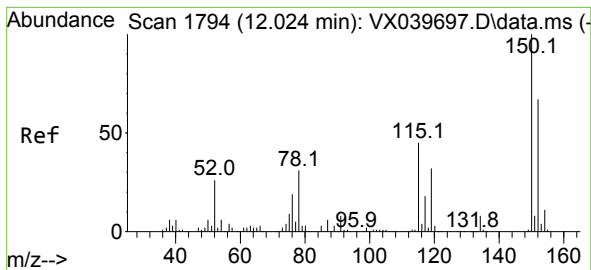
Tgt Ion: 95 Resp: 84806
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.6
176 67.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

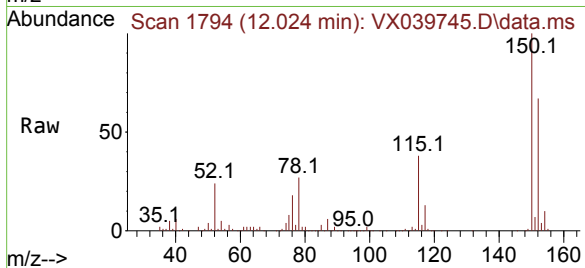
Tgt Ion: 117 Resp: 169505
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 31.6 25.5 38.3



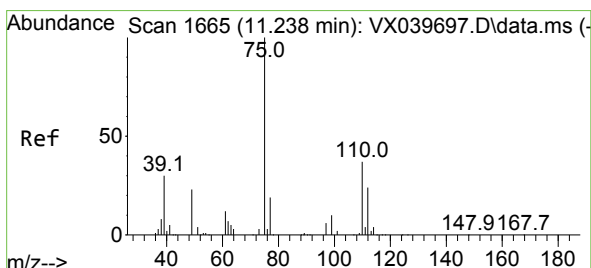
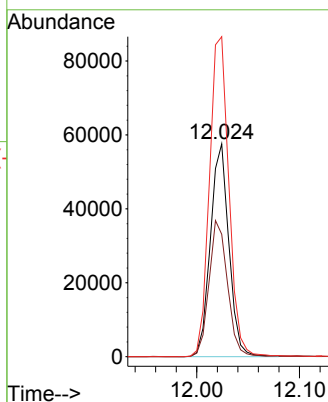
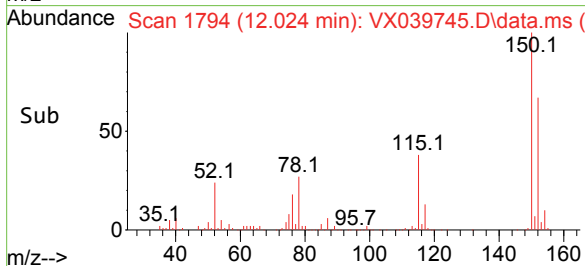


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

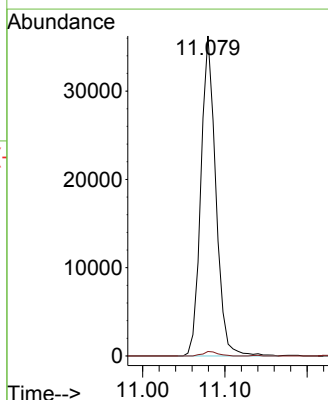
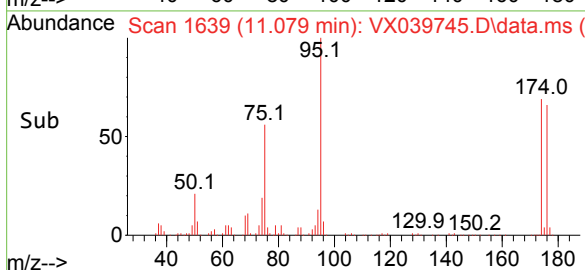
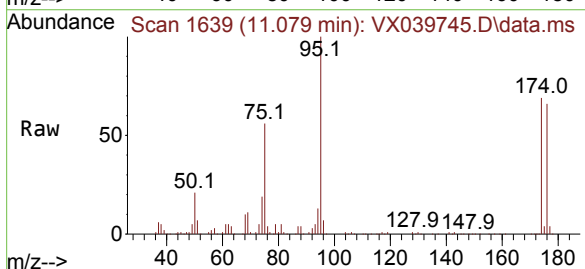


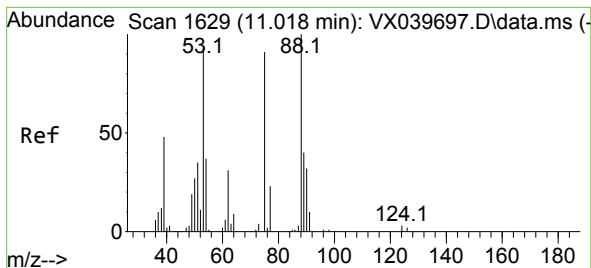
Tgt Ion:152 Resp: 71826
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 158.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Tgt Ion: 75 Resp: 45786
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

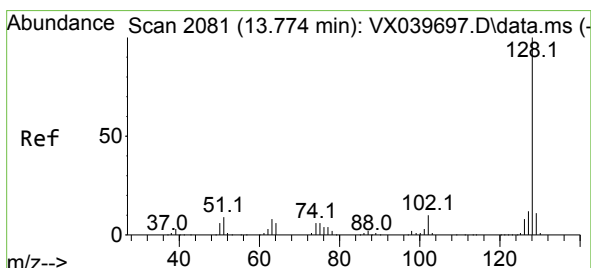
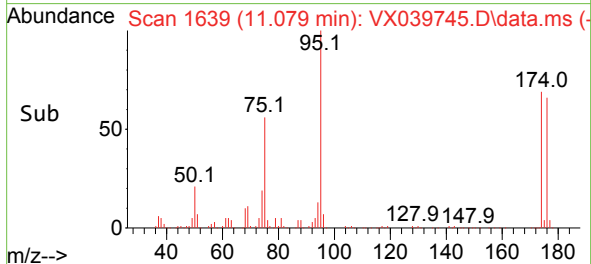
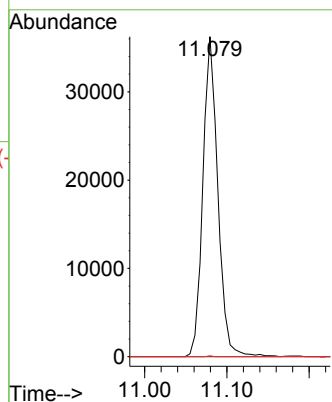
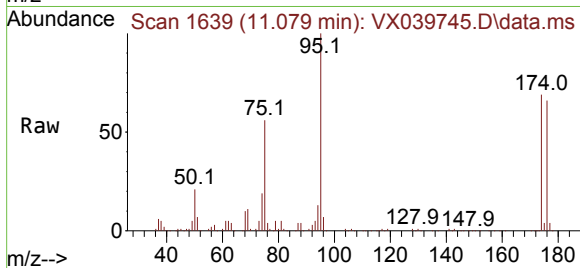




#81
trans-1,4-Dichloro-2-butene
Concen: 70.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45786
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.269 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039745.D
Acq: 12 Jan 2024 18:17

Tgt Ion:128 Resp: 1460
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 7.8 8.8 13.2#

