

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039886.D
 Acq On : 22 Jan 2024 16:08
 Operator : JC/MD
 Sample : P1186-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:18:40 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)

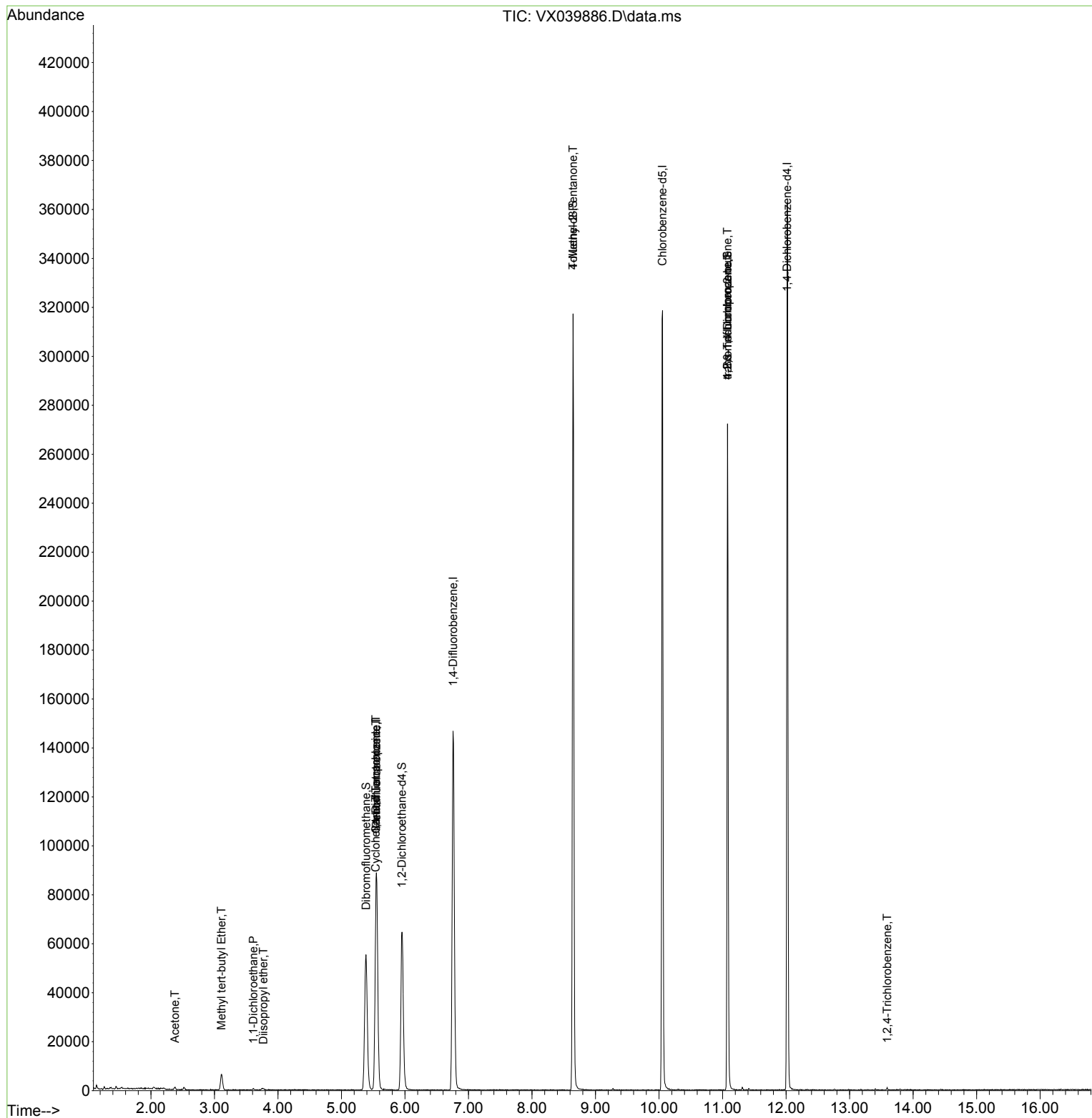
Internal Standards						
1) Pentafluorobenzene	5.550	168	79110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62684	47.301	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.600%
35) Dibromofluoromethane	5.385	113	48516	49.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.600%
50) Toluene-d8	8.647	98	181244	49.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	69996	48.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1182	1.586	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	7059	2.088	ug/l	96
22) Diisopropyl ether	3.770	45	800	0.224	ug/l #	55
24) 1,1-Dichloroethane	3.611	63	687	0.349	ug/l #	83
31) Cyclohexane	5.538	56	2123	1.214	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7184	4.737	ug/l #	47
38) Carbon Tetrachloride	5.544	117	8834	6.360	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	965	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39033	22.007	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39033	63.864	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	328	0.234	ug/l #	74

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

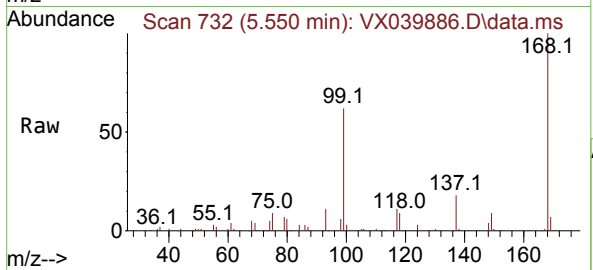
Quant Time: Jan 23 00:18:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



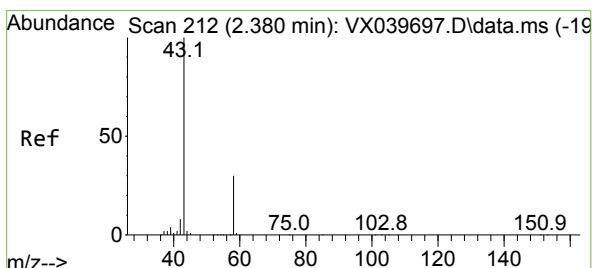
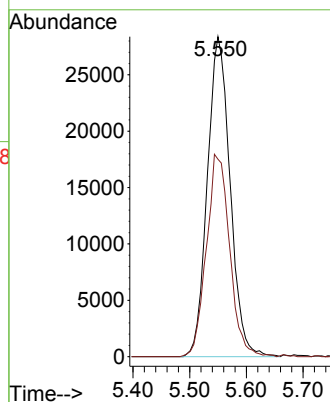
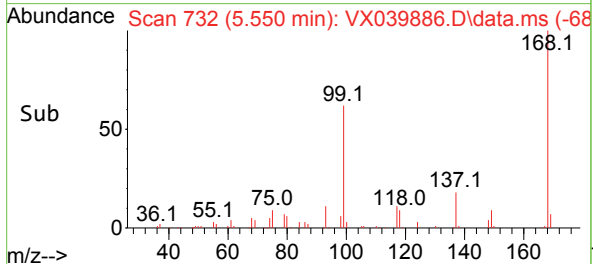


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :

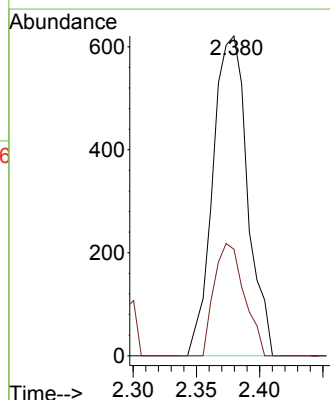
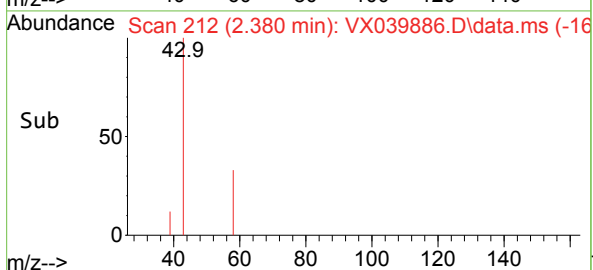
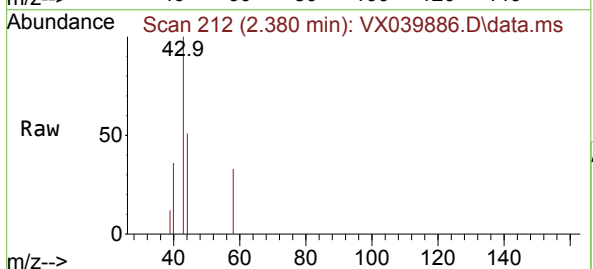


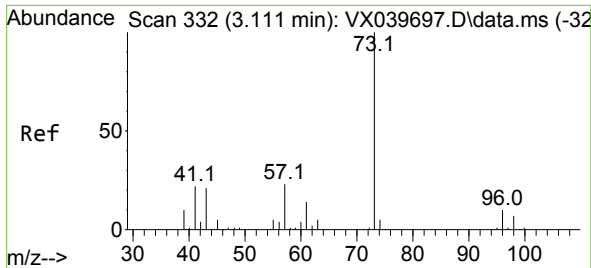
Tgt Ion:168 Resp: 79110
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 1.586 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

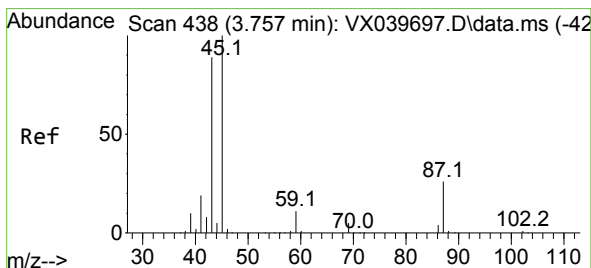
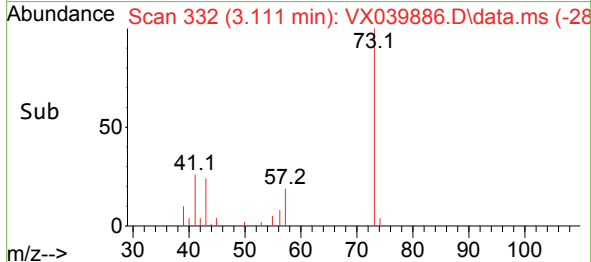
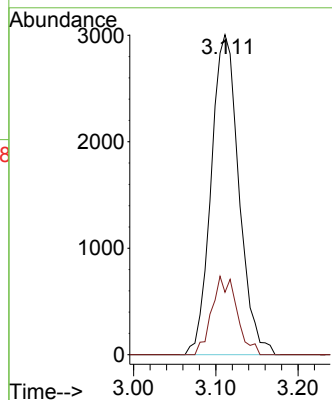
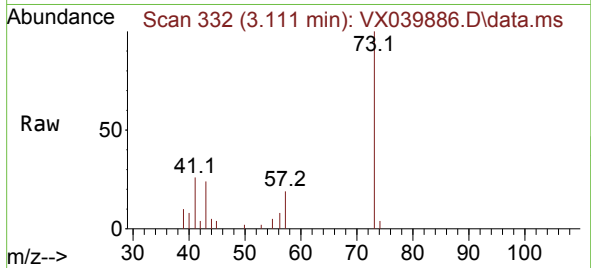




#19
Methyl tert-butyl Ether
Concen: 2.088 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

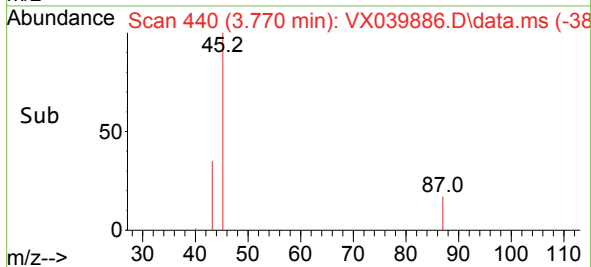
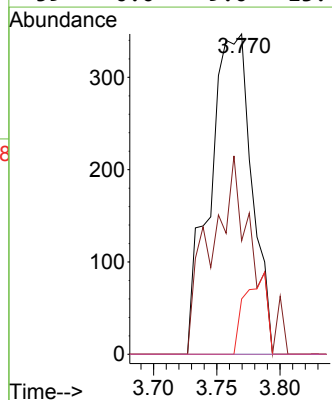
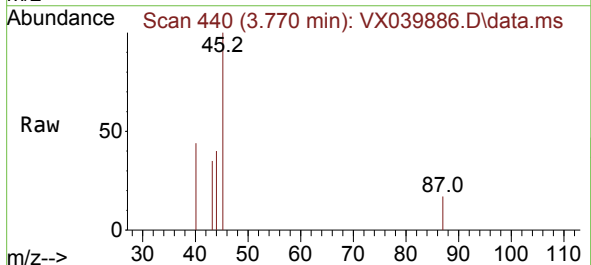
Instrument :
MSVOA_X
ClientSampleId :

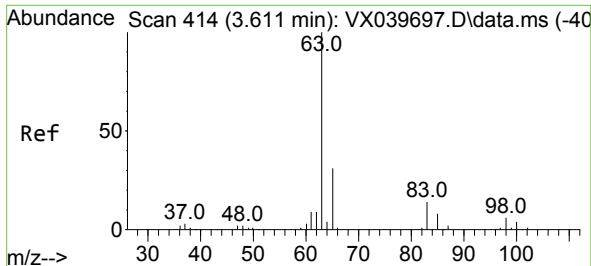
Tgt Ion: 73 Resp: 7059
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9



#22
Diisopropyl ether
Concen: 0.224 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

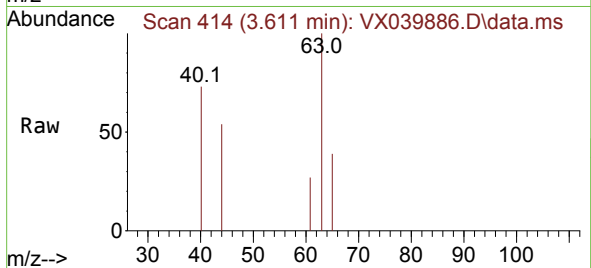
Tgt Ion: 45 Resp: 800
Ion Ratio Lower Upper
45 100
43 35.4 69.7 104.5#
87 17.3 20.8 31.2#
59 0.0 9.0 13.4#



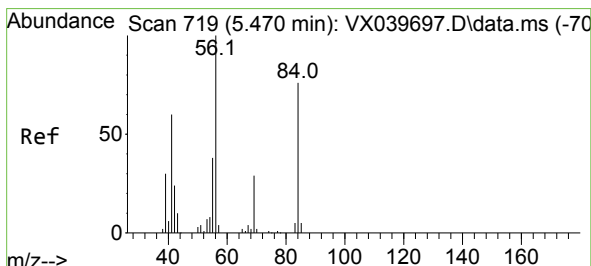
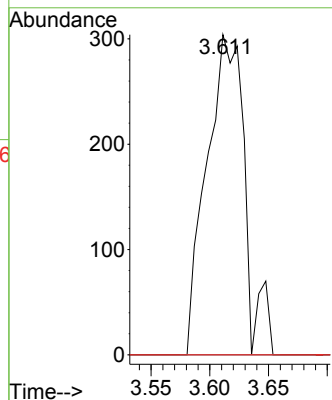
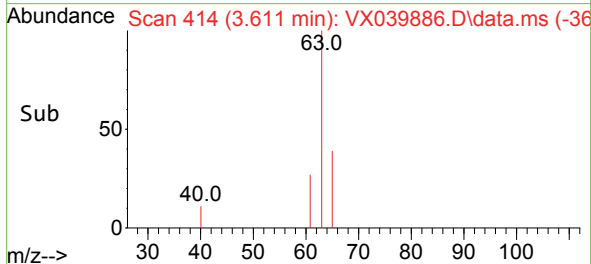


#24
1,1-Dichloroethane
Concen: 0.349 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

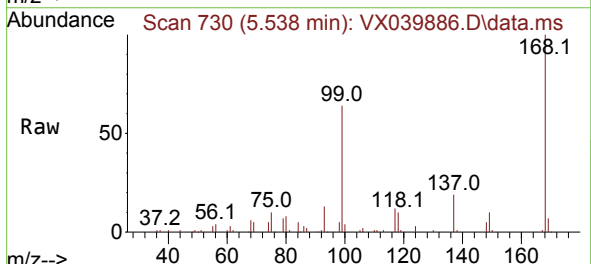
Instrument :
MSVOA_X
ClientSampleId :



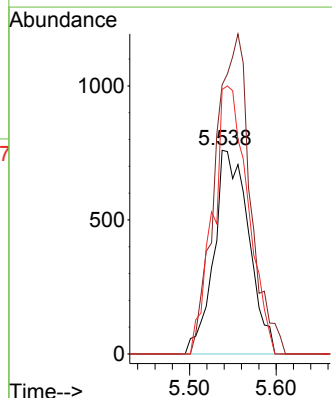
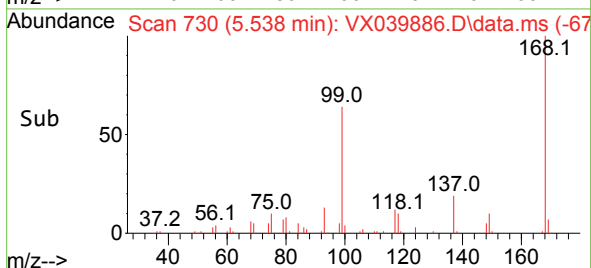
Tgt Ion: 63 Resp: 687
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

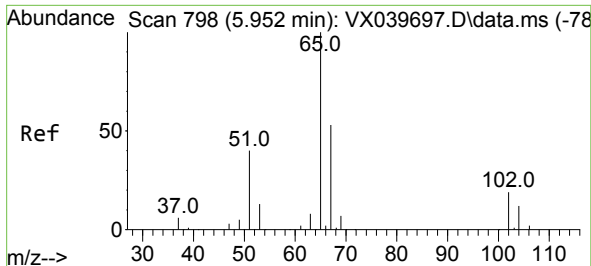


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08



Tgt Ion: 56 Resp: 2123
Ion Ratio Lower Upper
56 100
69 132.1 23.4 35.2#
84 129.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039886.D

Acq: 22 Jan 2024 16:08

Instrument :

MSVOA_X

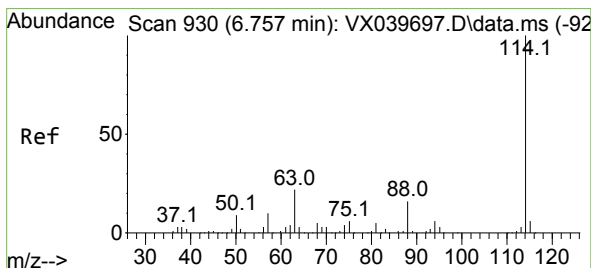
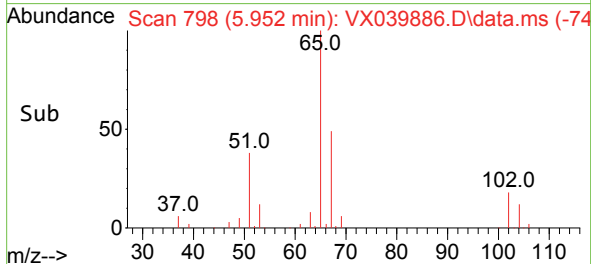
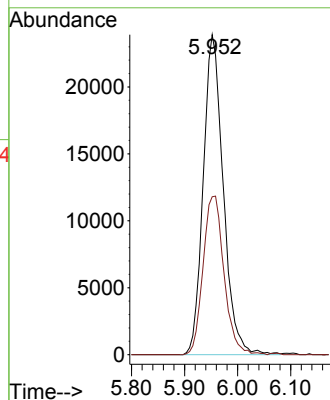
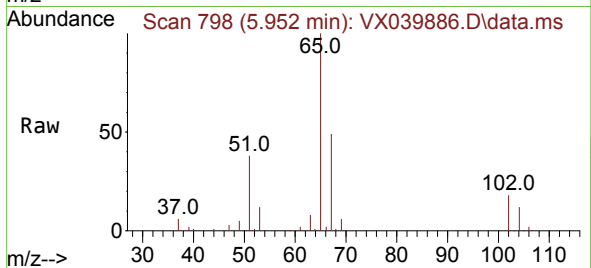
ClientSampleId :

Tgt Ion: 65 Resp: 62684

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039886.D

Acq: 22 Jan 2024 16:08

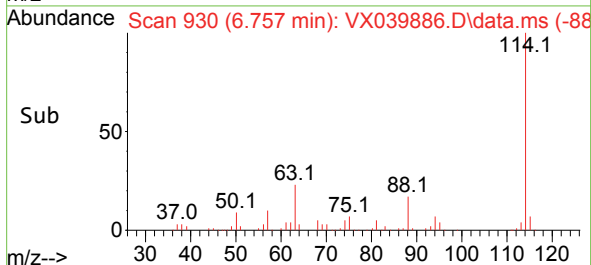
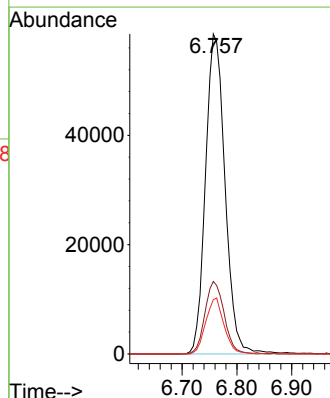
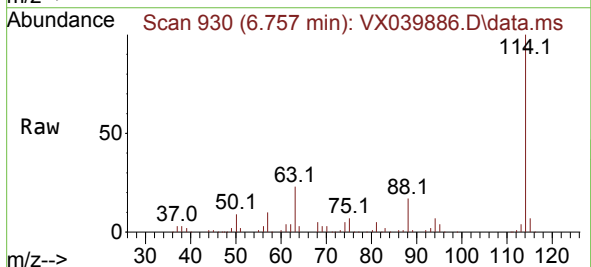
Tgt Ion:114 Resp: 144643

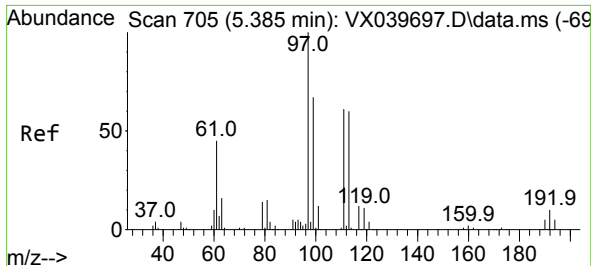
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

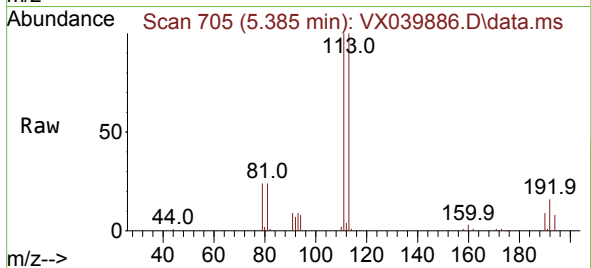
88 17.0 0.0 36.6



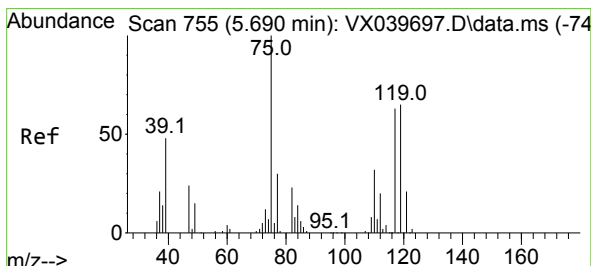
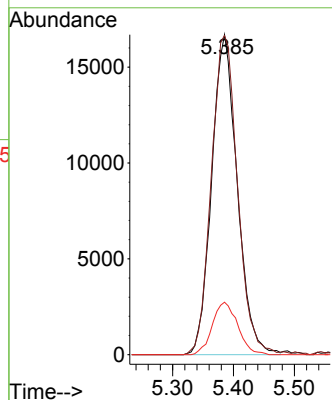
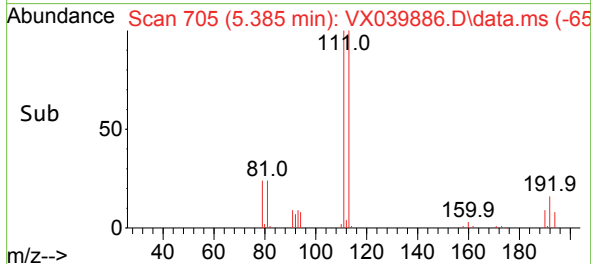


#35
Dibromofluoromethane
Concen: 49.799 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :

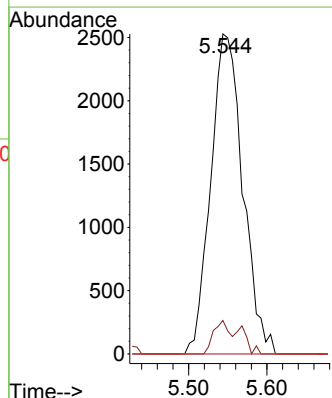
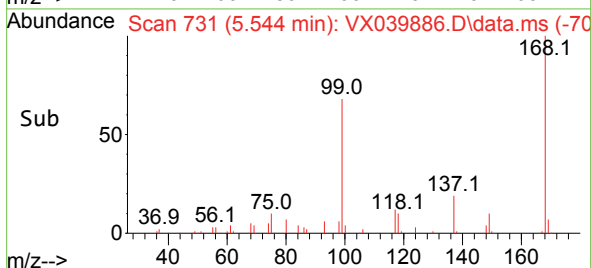
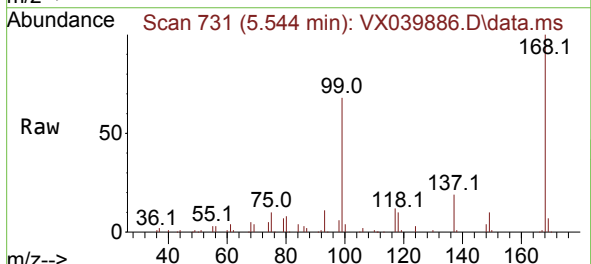


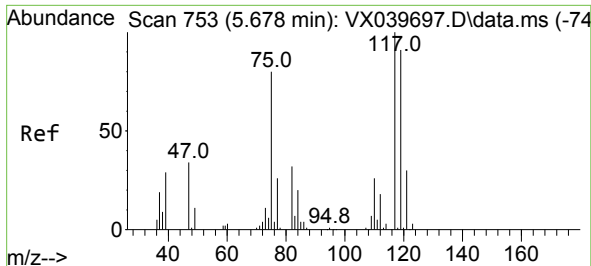
Tgt Ion:113 Resp: 48516
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

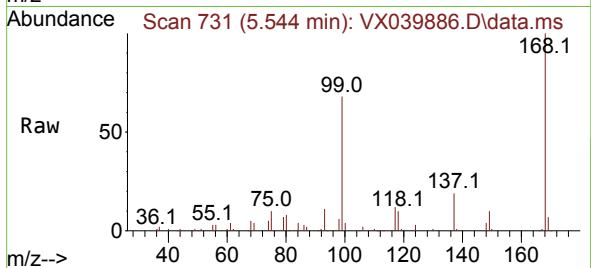
Tgt Ion: 75 Resp: 7184
Ion Ratio Lower Upper
75 100
110 5.3 17.0 50.9#
77 0.0 24.7 37.1#



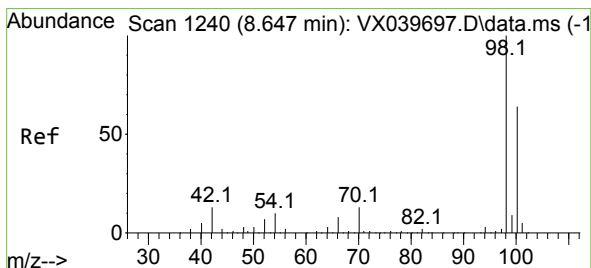
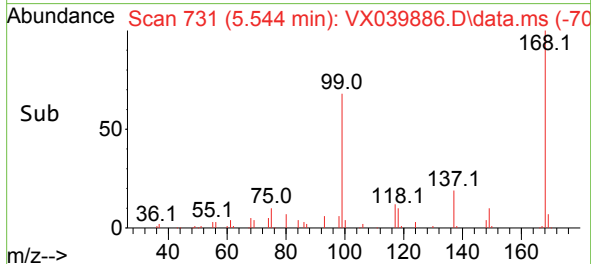
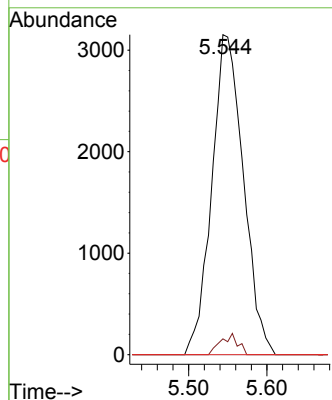


#38
Carbon Tetrachloride
Concen: 6.360 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :

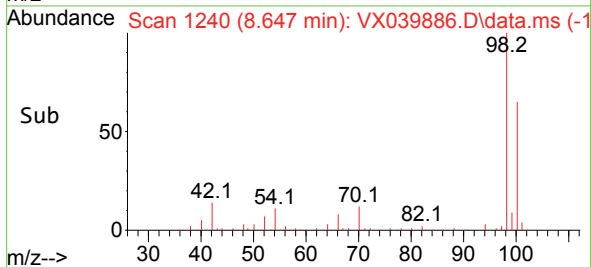
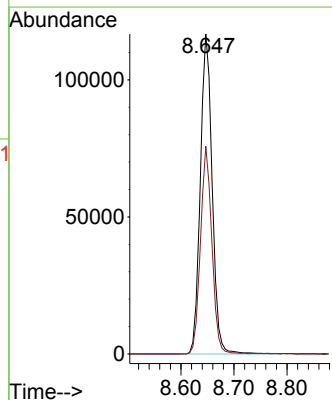
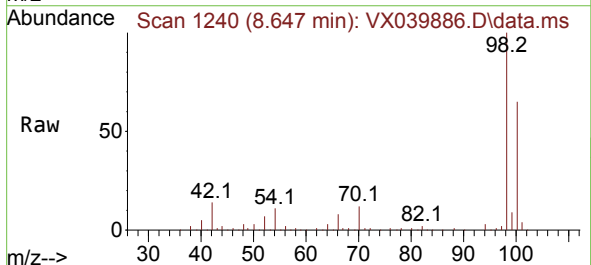


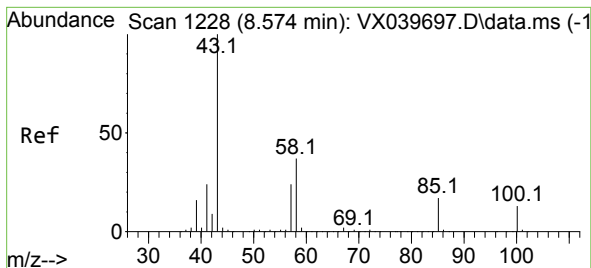
Tgt Ion:117 Resp: 8834
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.326 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Tgt Ion: 98 Resp: 181244
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7

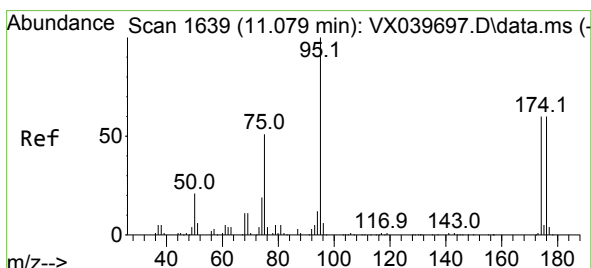
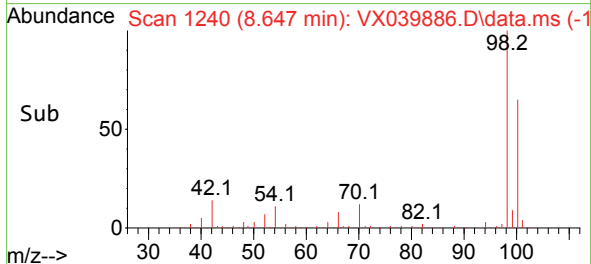
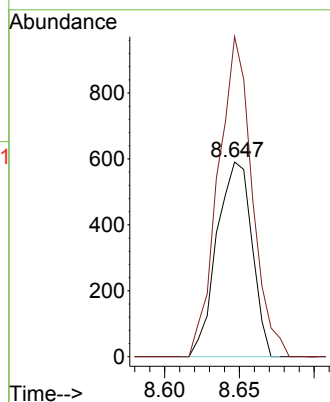
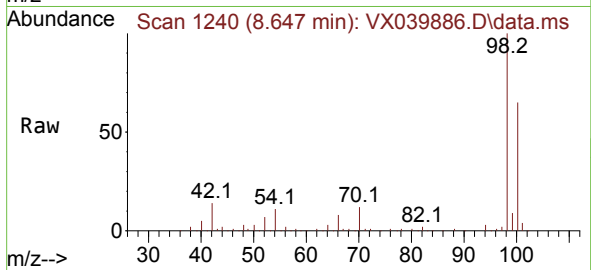




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

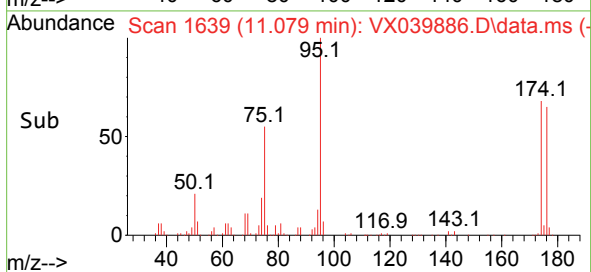
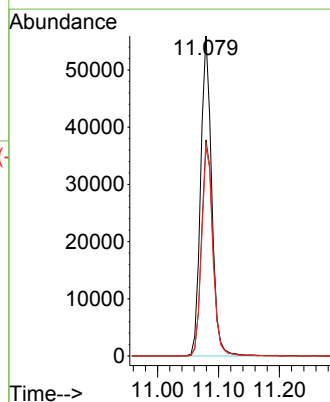
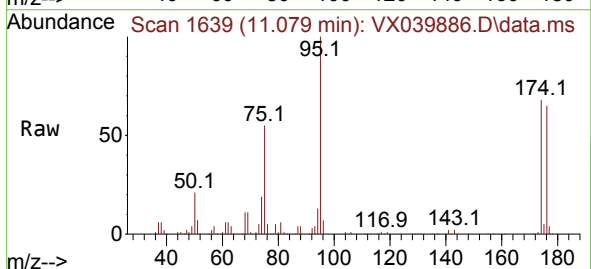
Instrument :
MSVOA_X
ClientSampleId :

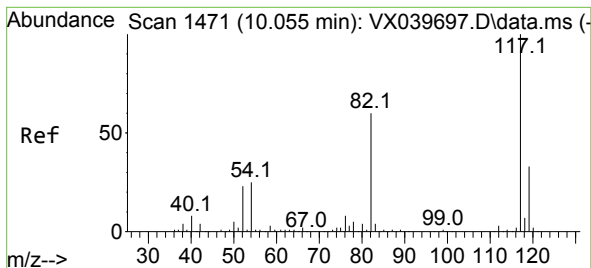
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 158.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

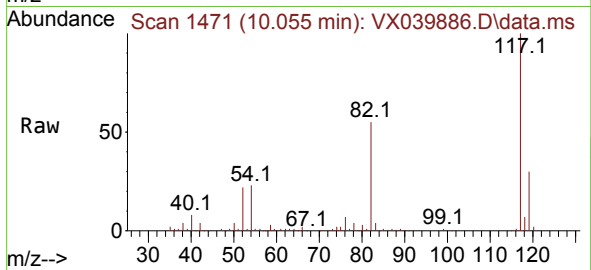
Tgt Ion: 95 Resp: 69996
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 66.5 0.0 131.0



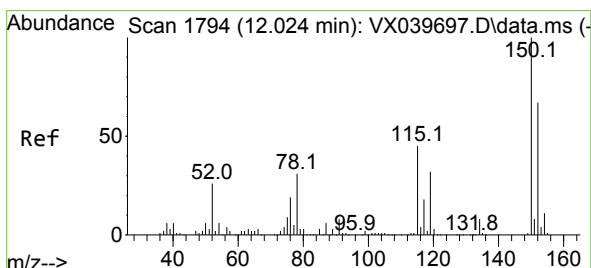
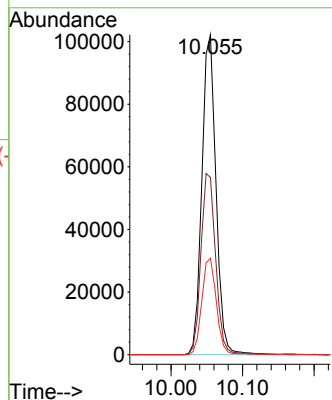
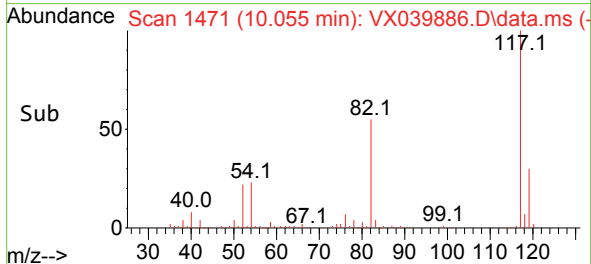


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

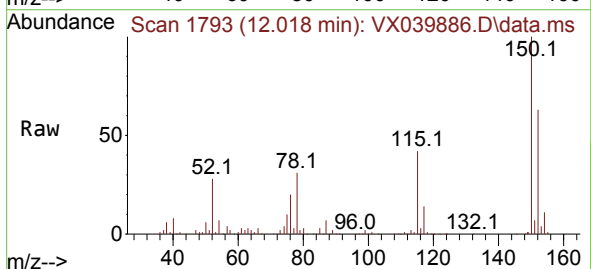
Instrument :
MSVOA_X
ClientSampleId :



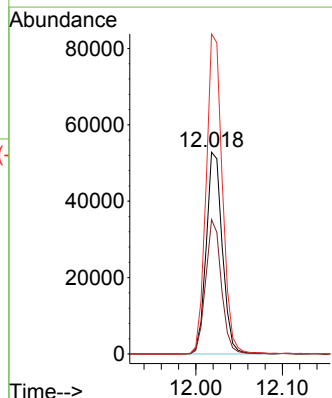
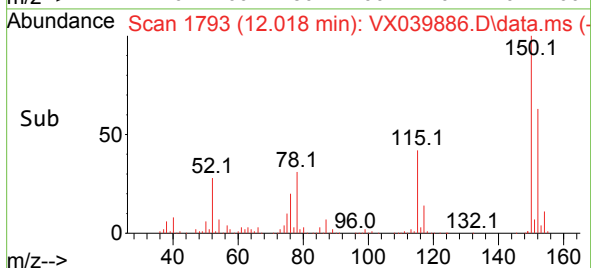
Tgt Ion:117 Resp: 140318
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 30.2 25.5 38.3

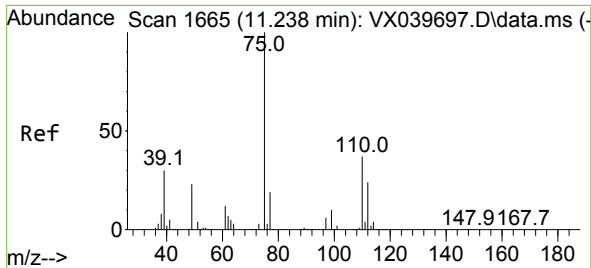


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08



Tgt Ion:152 Resp: 68412
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 159.5 0.0 345.0

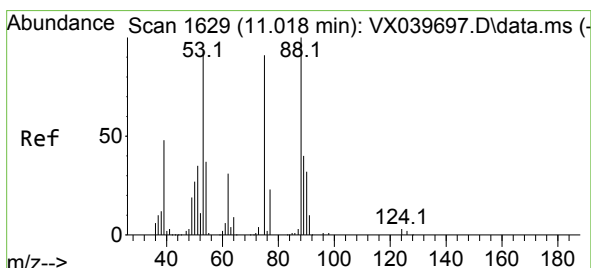
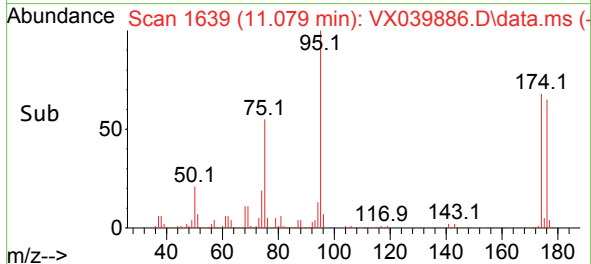
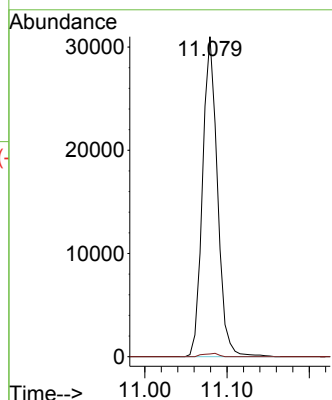
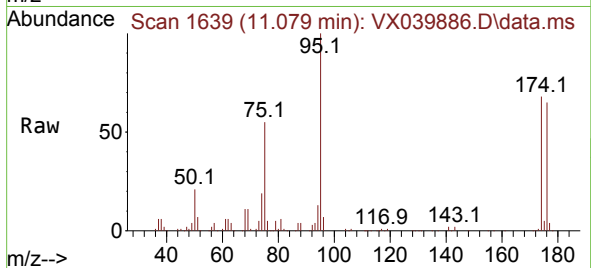




#76
1,2,3-Trichloropropane
Concen: 22.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

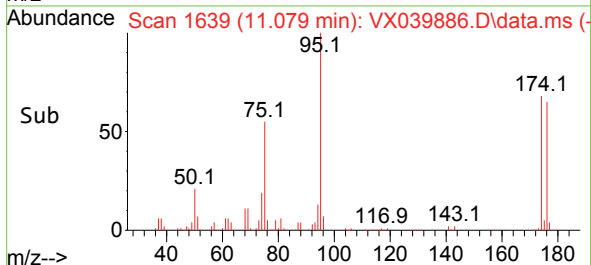
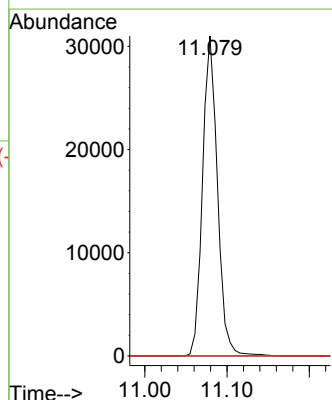
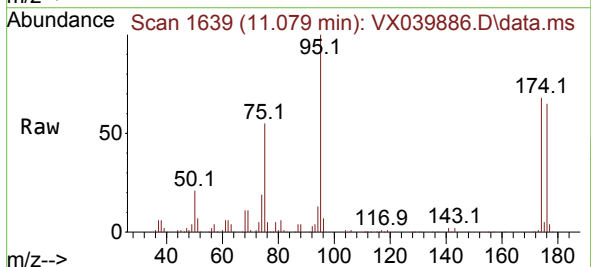
Instrument :
MSVOA_X
ClientSampleId :

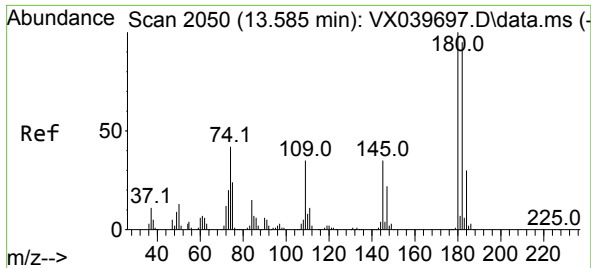
Tgt Ion: 75 Resp: 39033
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039886.D
Acq: 22 Jan 2024 16:08

Tgt Ion: 75 Resp: 39033
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.234 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

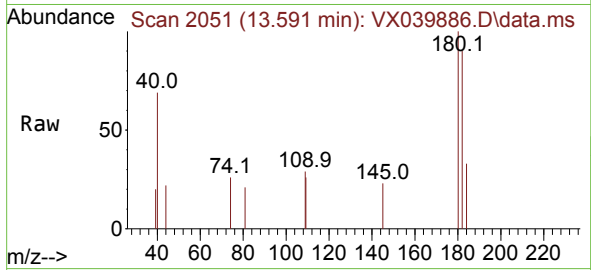
Lab File: VX039886.D

Acq: 22 Jan 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 328

Ion Ratio Lower Upper

180 100

182 80.2 48.3 144.8

145 7.0 18.0 54.0#

