

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039716.D
 Acq On : 11 Jan 2024 11:44
 Operator : JC/MD
 Sample : P1098-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 01:52:00 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)

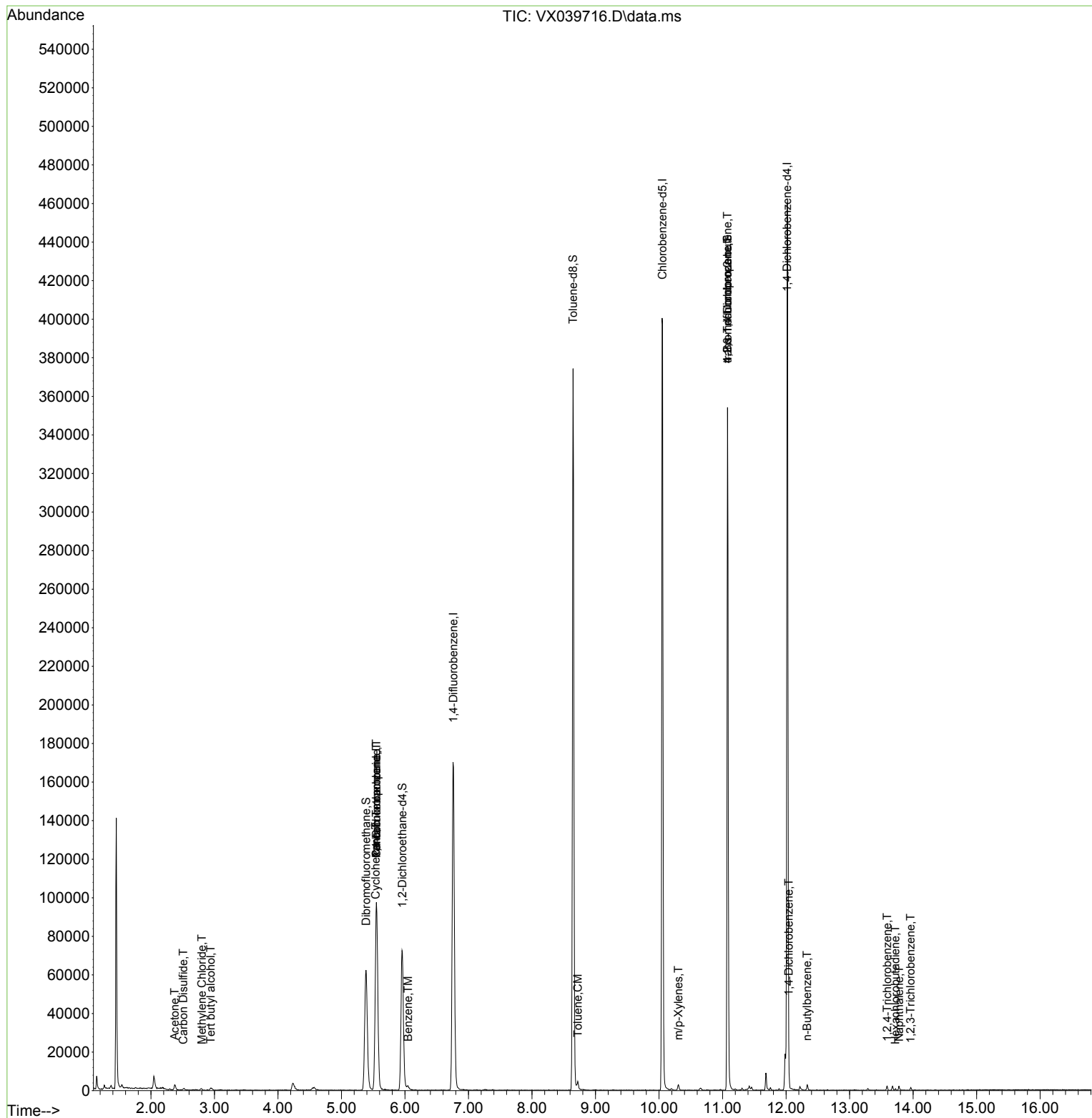
Internal Standards						
1) Pentafluorobenzene	5.550	168	86046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69249	48.043	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.080%
35) Dibromofluoromethane	5.385	113	54982	48.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.320%
50) Toluene-d8	8.647	98	213021	49.471	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	92291	54.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1172	3.124	ug/l #	78
16) Acetone	2.373	43	2944	3.632	ug/l	90
17) Carbon Disulfide	2.508	76	751	0.252	ug/l #	76
20) Methylene Chloride	2.800	84	367	0.299	ug/l #	69
31) Cyclohexane	5.538	56	2321	1.220	ug/l #	61
36) 1,1-Dichloropropene	5.550	75	7834	4.408	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9328	5.731	ug/l #	18
40) Benzene	6.050	78	2002	0.398	ug/l	97
52) Toluene	8.720	92	1325	0.441	ug/l	86
68) m/p-Xylenes	10.305	106	717	0.285	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	50567	22.228	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50567	64.434	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	671	0.218	ug/l #	24
89) n-Butylbenzene	12.329	91	1245	0.219	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	583	0.324	ug/l	94
94) Hexachlorobutadiene	13.719	225	159	0.212	ug/l	83
95) Naphthalene	13.780	128	1638	0.247	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	419	0.230	ug/l	86

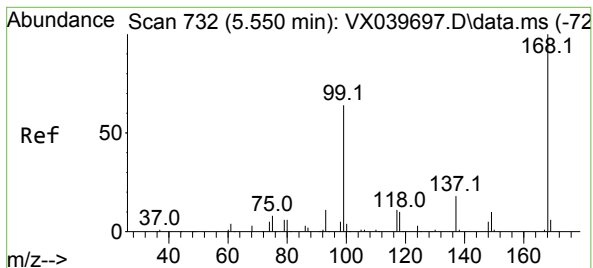
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

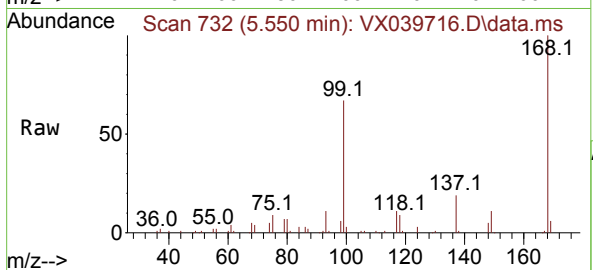
Lab File: VX039716.D

Acq: 11 Jan 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

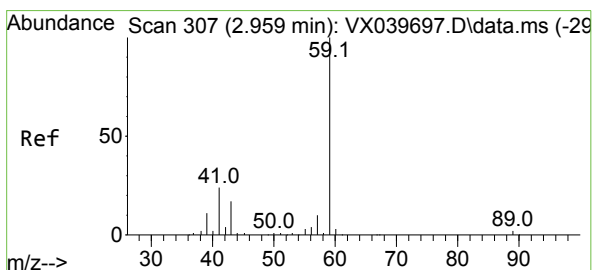
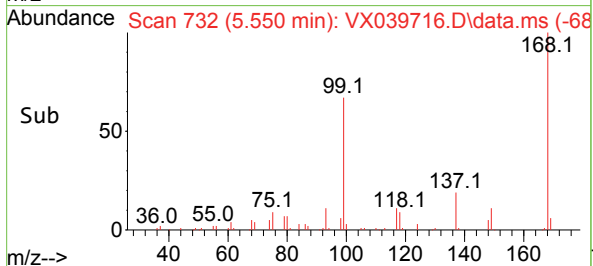
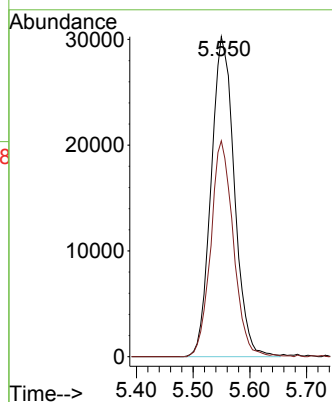


Tgt Ion:168 Resp: 86046

Ion Ratio Lower Upper

168 100

99 67.5 56.6 85.0



#11

Tert butyl alcohol

Concen: 3.124 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX039716.D

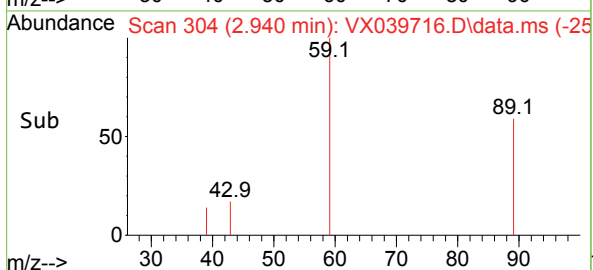
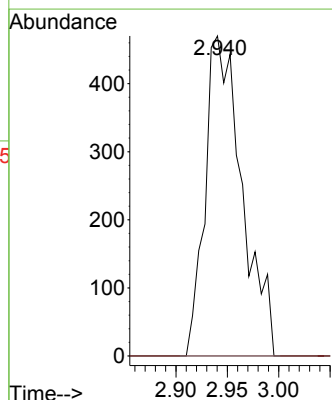
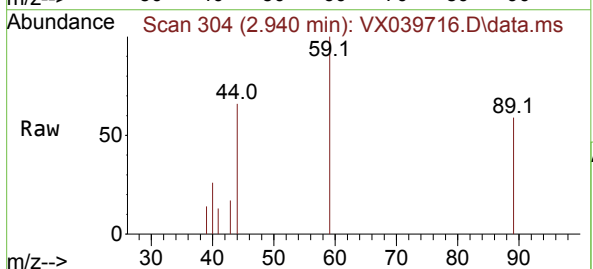
Acq: 11 Jan 2024 11:44

Tgt Ion: 59 Resp: 1172

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

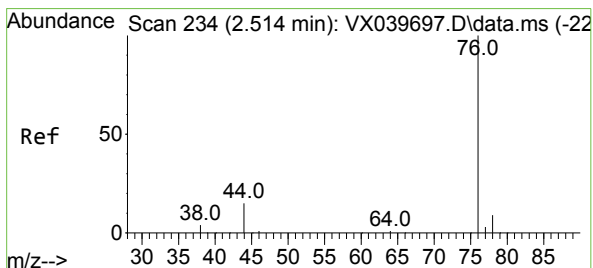
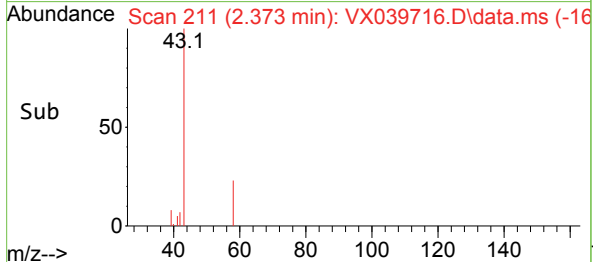
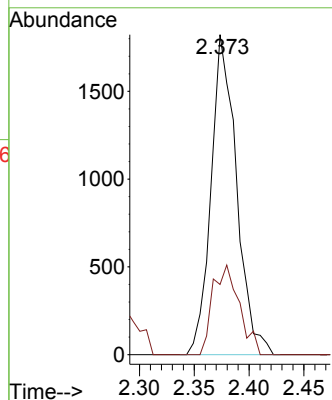
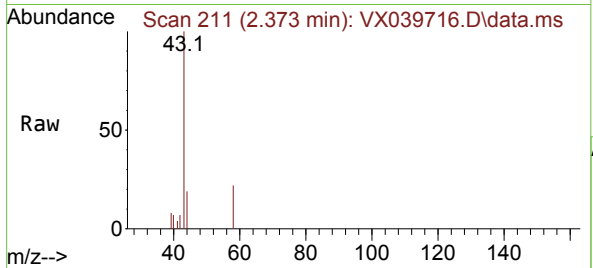




#16
Acetone
Concen: 3.632 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

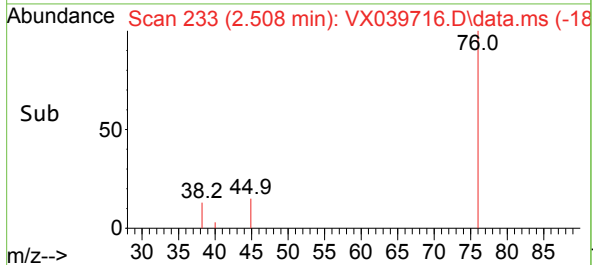
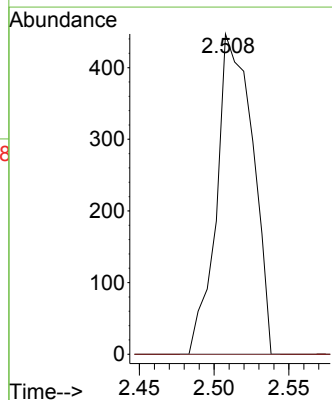
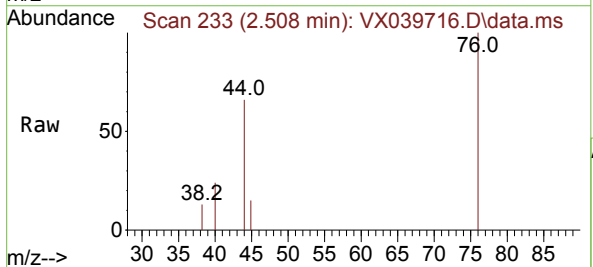
Instrument :
MSVOA_X
ClientSampleId :

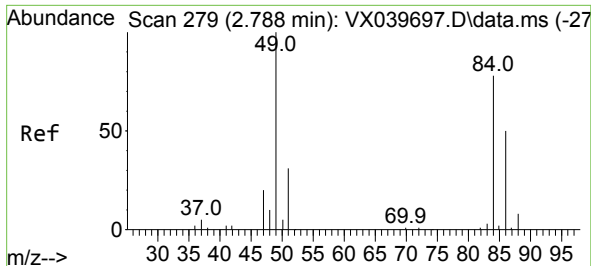
Tgt Ion: 43 Resp: 2944
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

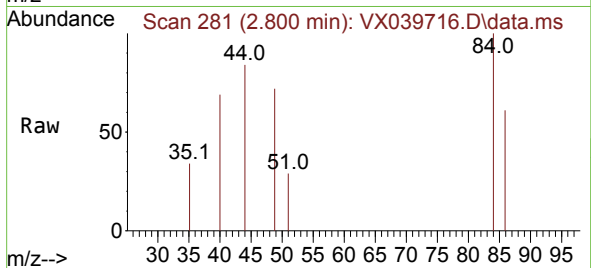
Tgt Ion: 76 Resp: 751
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





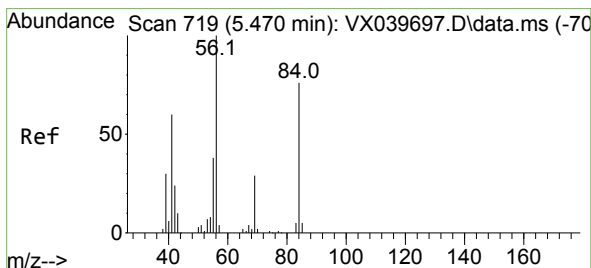
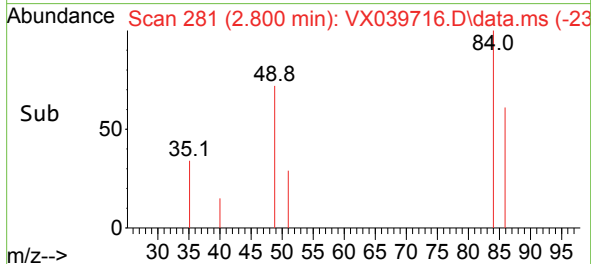
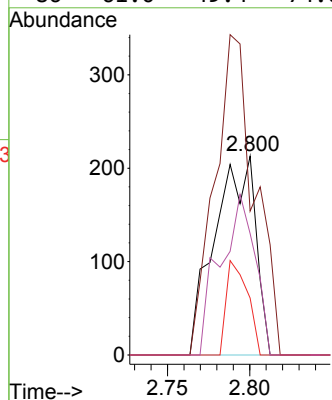
#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 367

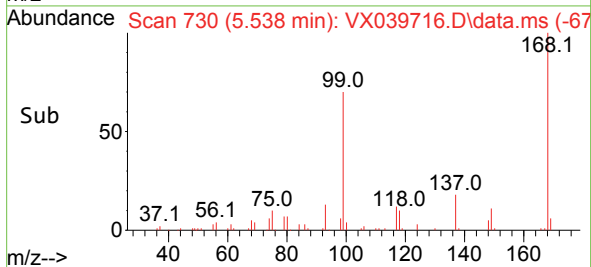
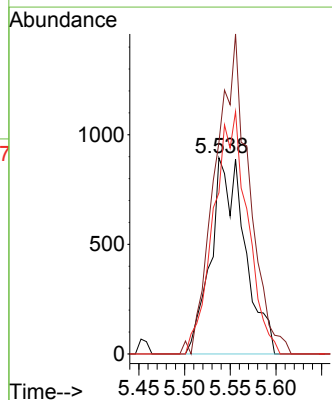
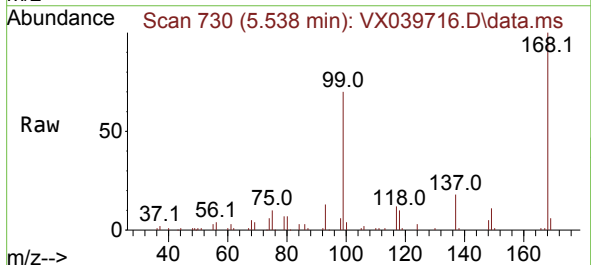
Ion	Ratio	Lower	Upper
84	100		
49	72.3	103.6	155.4#
51	28.6	33.8	50.6#
86	61.0	49.4	74.0

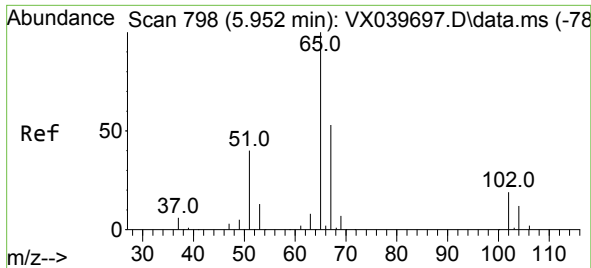


#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Tgt Ion: 56 Resp: 2321

Ion	Ratio	Lower	Upper
56	100		
69	107.7	23.4	35.2#
84	82.1	65.9	98.9

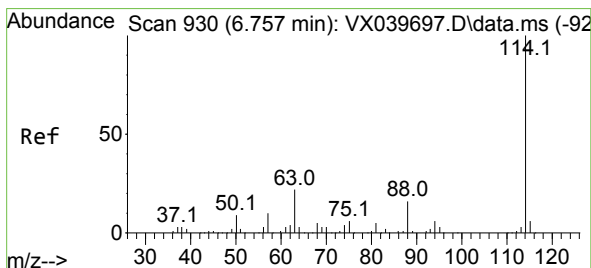
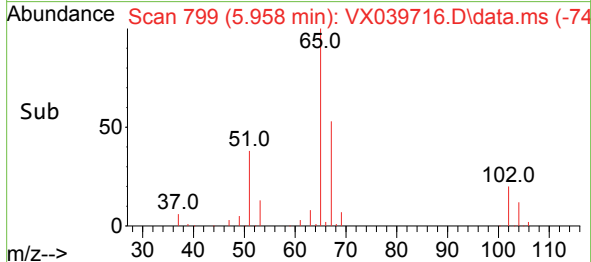
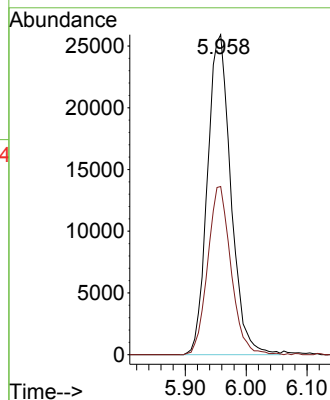
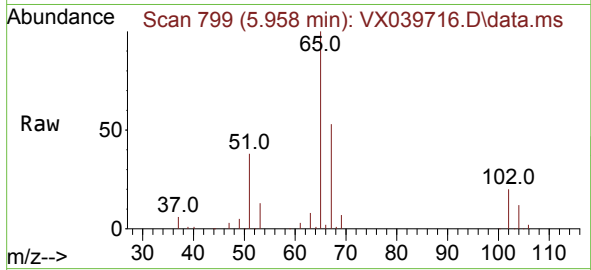




#33
 1,2-Dichloroethane-d4
 Concen: 48.043 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX039716.D
 Acq: 11 Jan 2024 11:44

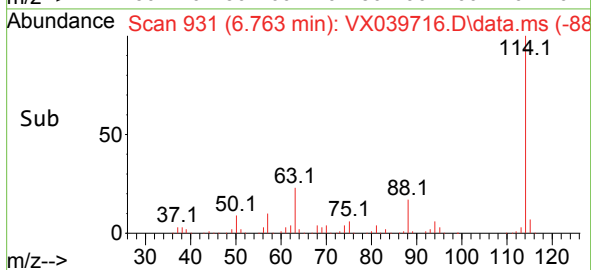
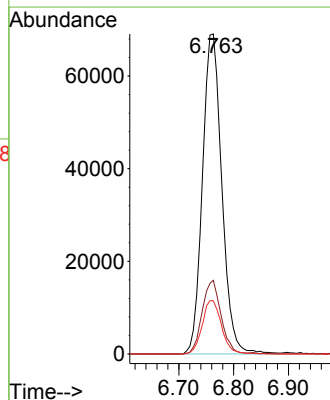
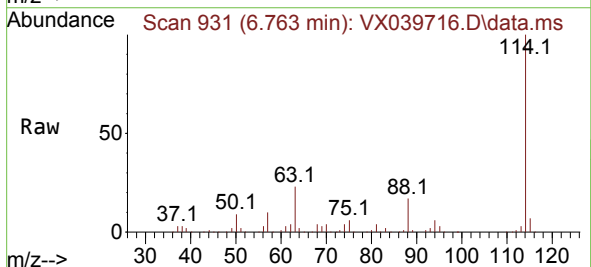
Instrument :
 MSVOA_X
 ClientSampleId :

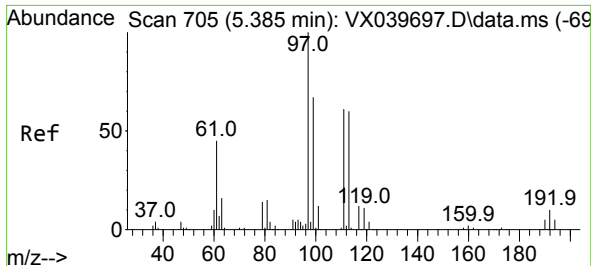
Tgt Ion: 65 Resp: 69249
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX039716.D
 Acq: 11 Jan 2024 11:44

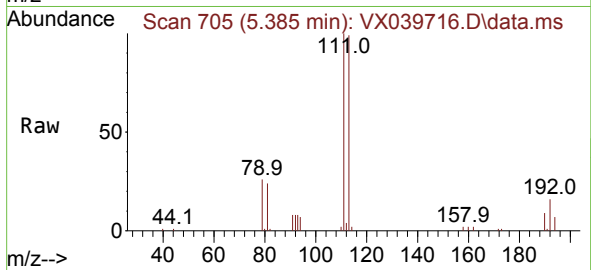
Tgt Ion: 114 Resp: 169505
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.6 0.0 36.6



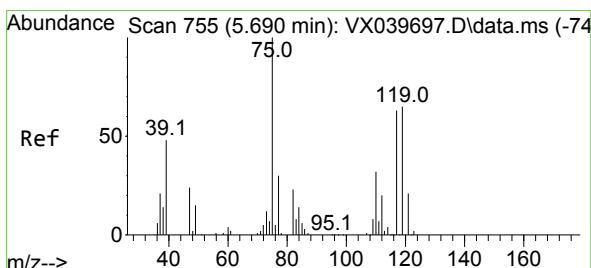
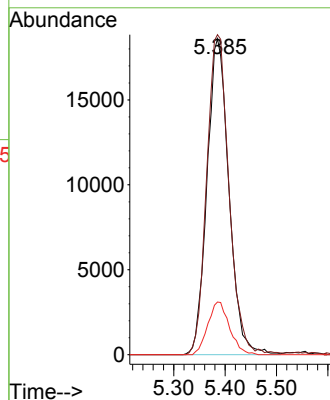
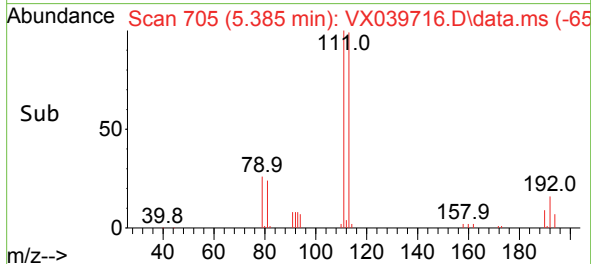


#35
Dibromofluoromethane
Concen: 48.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Instrument :
MSVOA_X
ClientSampleId :

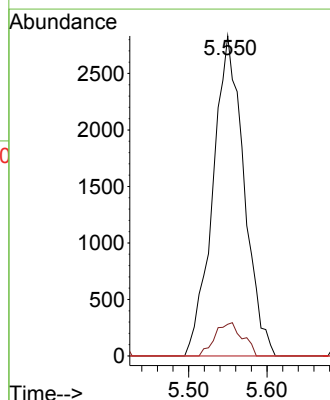
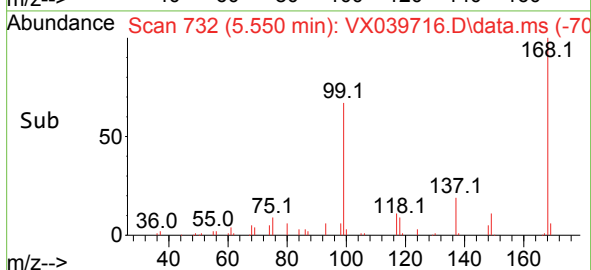
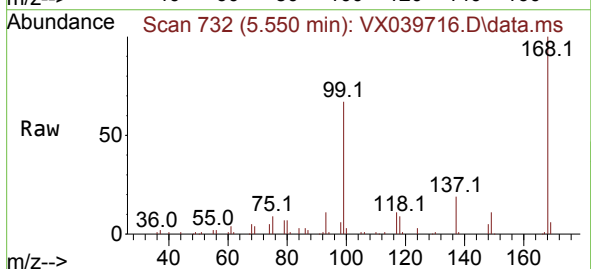


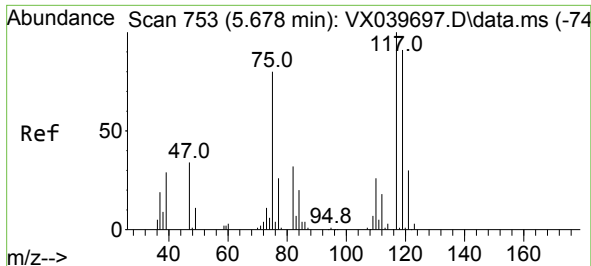
Tgt Ion:113 Resp: 54982
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

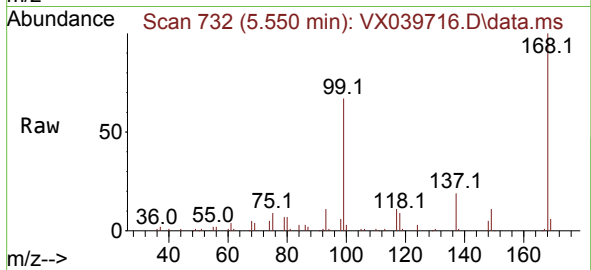
Tgt Ion: 75 Resp: 7834
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



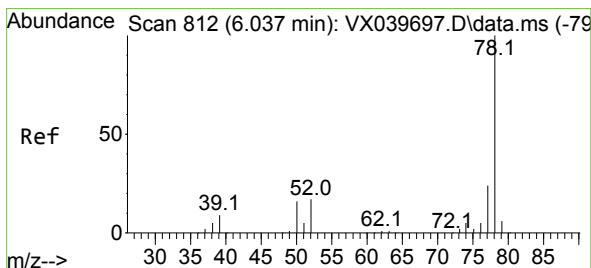
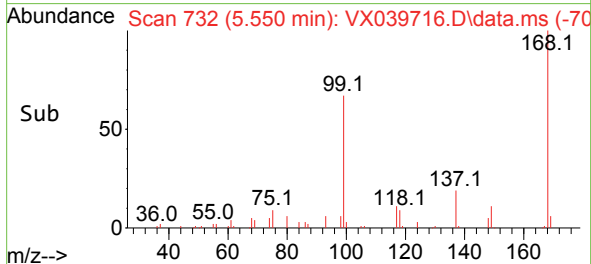
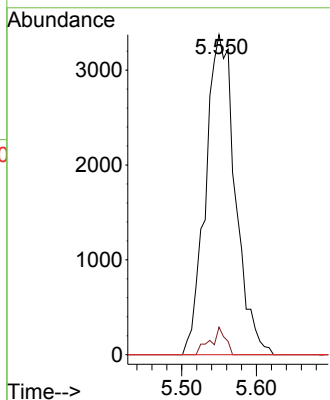


#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Instrument :
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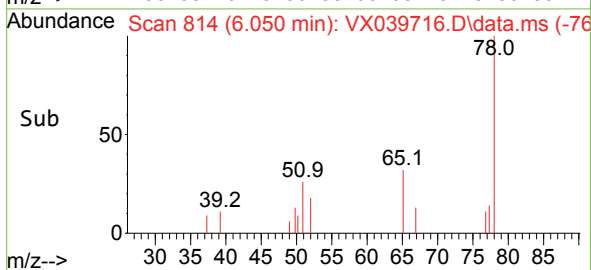
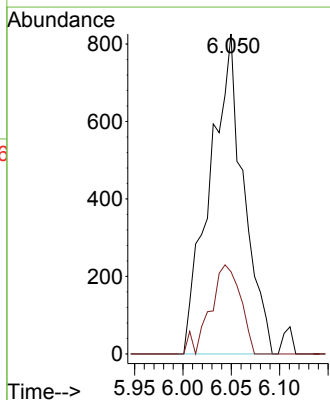
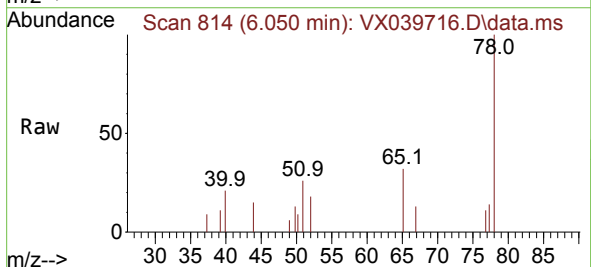


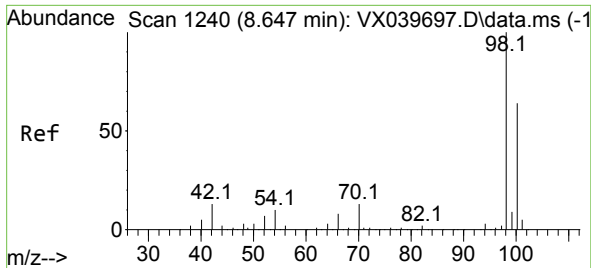
Tgt Ion:117 Resp: 9328
Ion Ratio Lower Upper
117 100
119 8.6 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.398 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Tgt Ion: 78 Resp: 2002
Ion Ratio Lower Upper
78 100
77 25.7 19.3 28.9

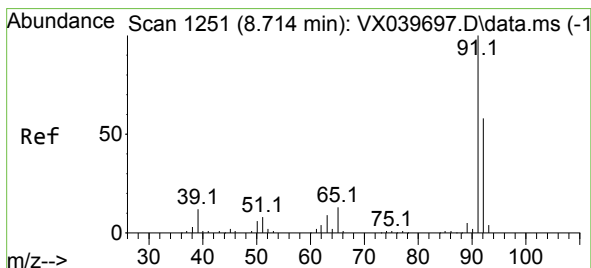
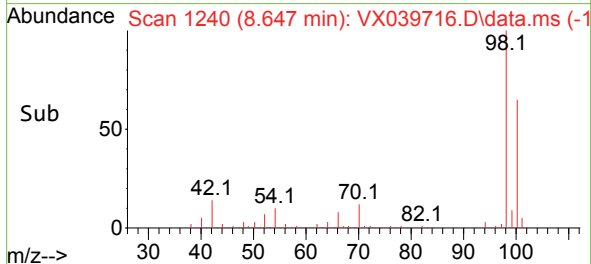
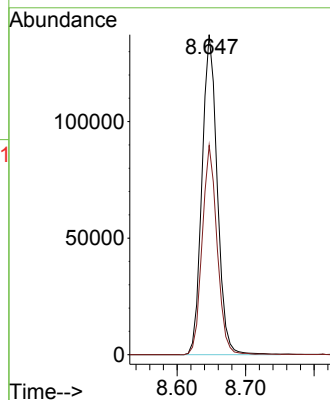
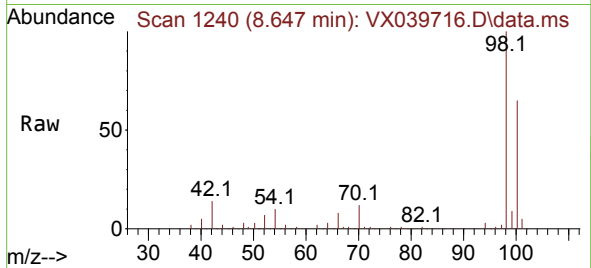




#50
Toluene-d8
Concen: 49.471 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

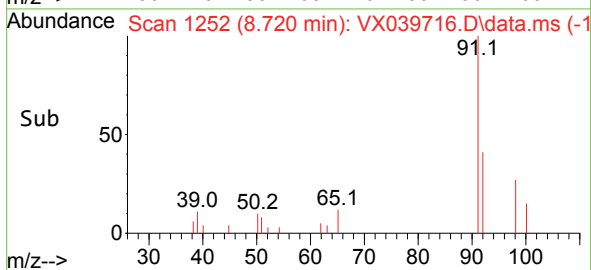
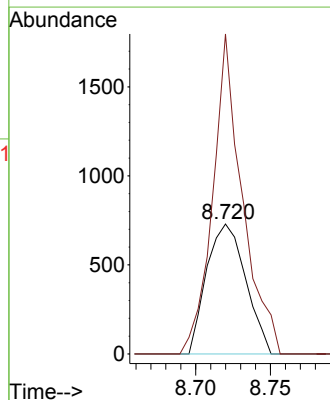
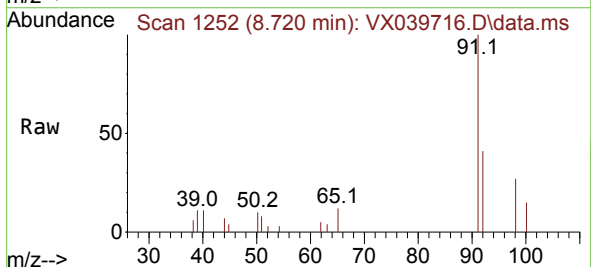
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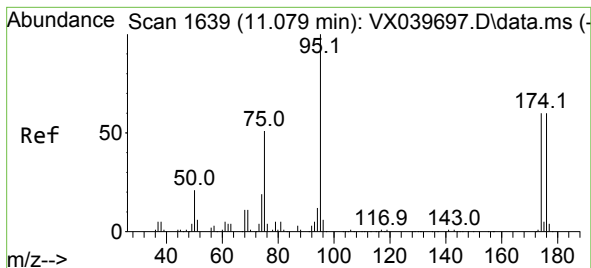
Tgt Ion: 98 Resp: 213021
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#52
Toluene
Concen: 0.441 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Tgt Ion: 92 Resp: 1325
Ion Ratio Lower Upper
92 100
91 186.9 134.2 201.2

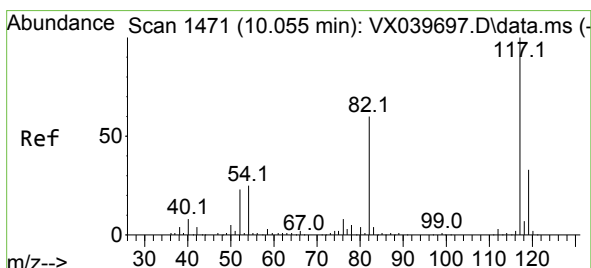
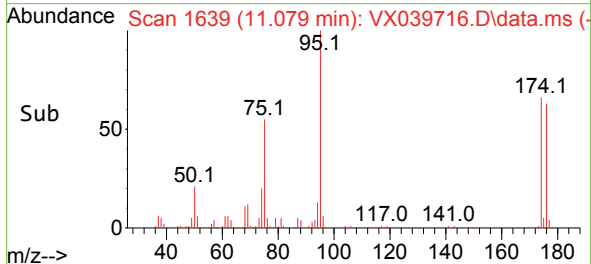
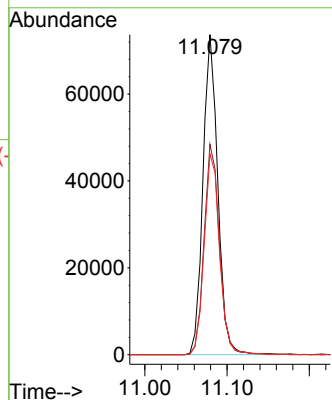
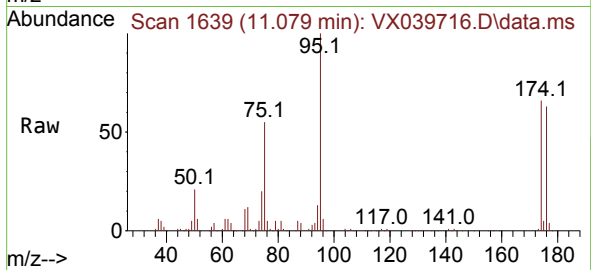




#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

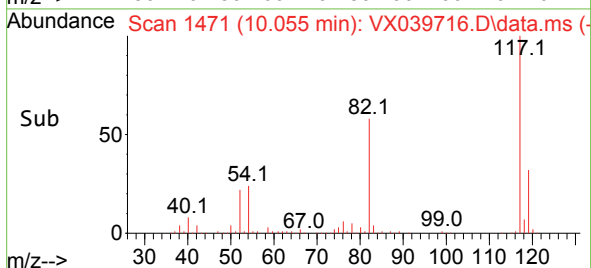
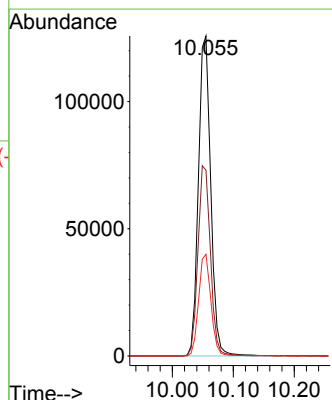
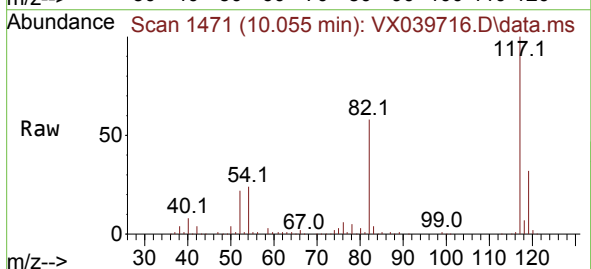
Instrument :
MSVOA_X
ClientSampleId :

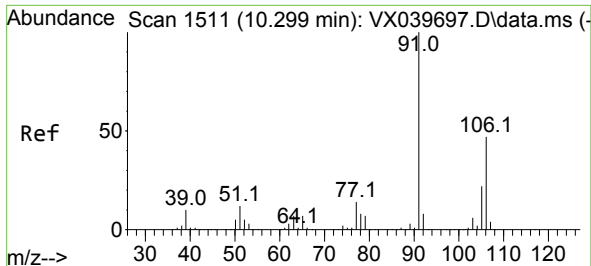
Tgt Ion: 95 Resp: 92291
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 65.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Tgt Ion: 117 Resp: 176734
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.8 25.5 38.3

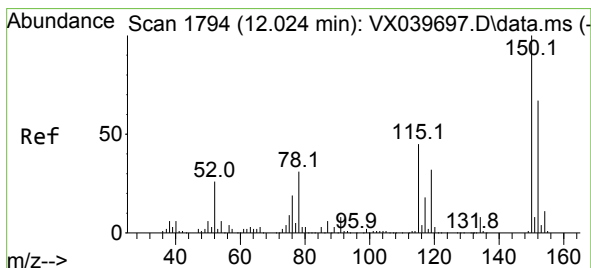
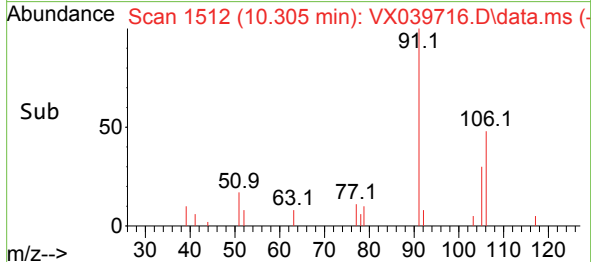
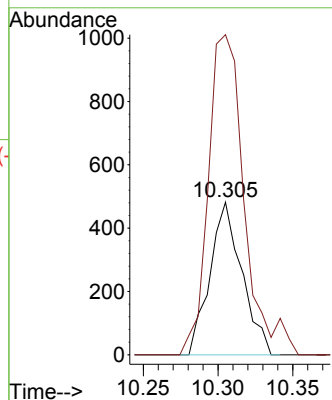
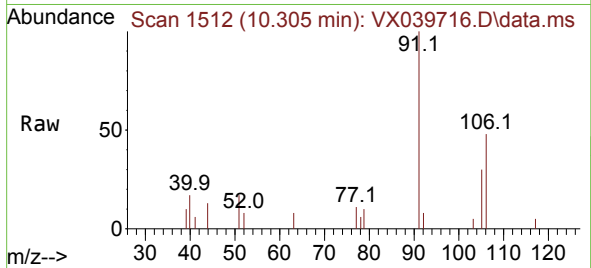




#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

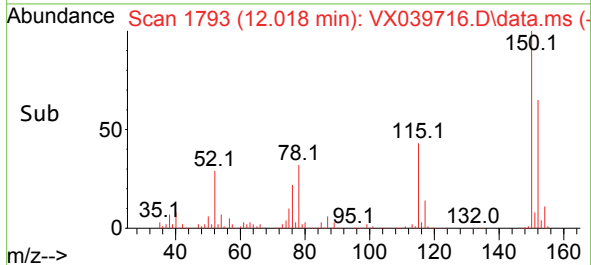
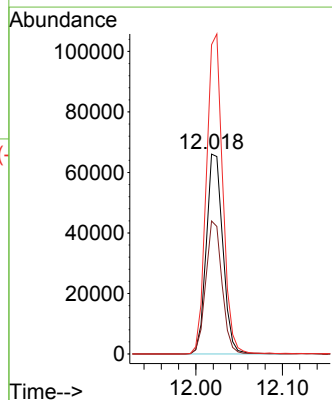
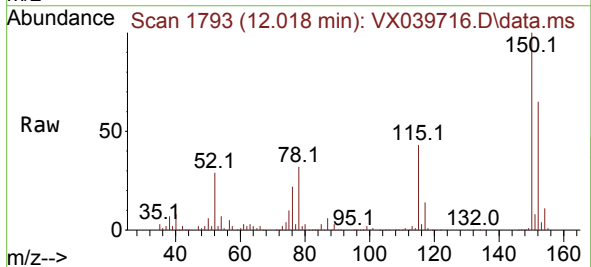
Instrument :
MSVOA_X
ClientSampleId :

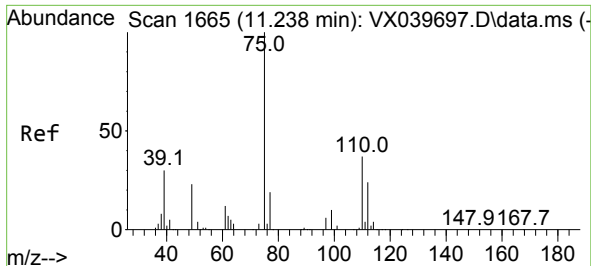
Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 235.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

Tgt Ion:152 Resp: 87746
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.9
150 158.4 0.0 345.0

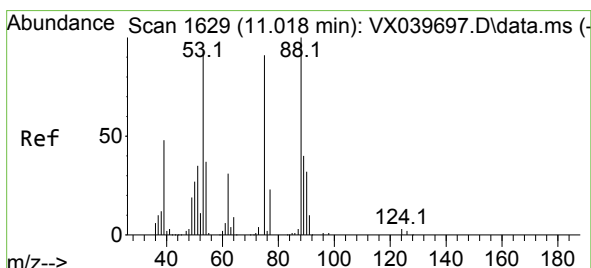
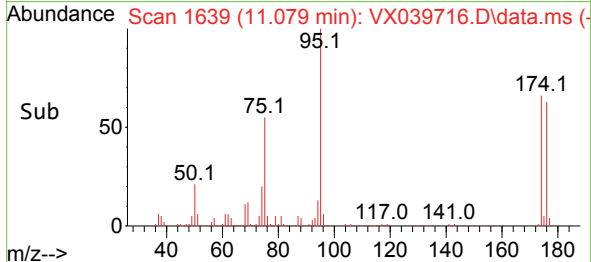
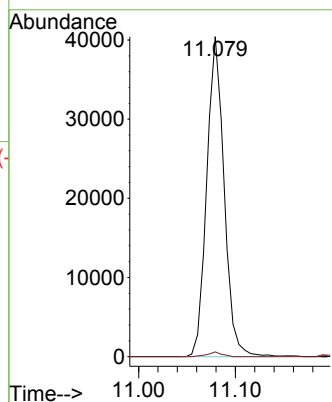
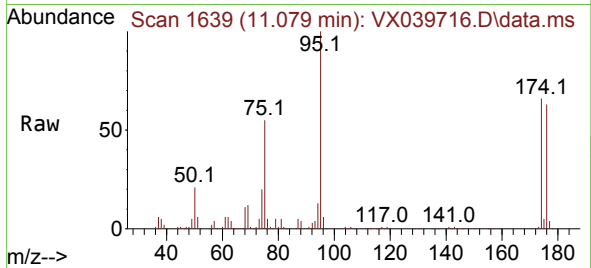




#76
1,2,3-Trichloropropane
Concen: 22.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

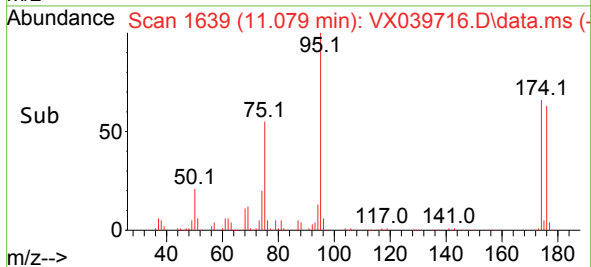
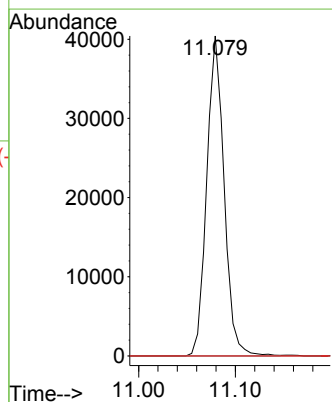
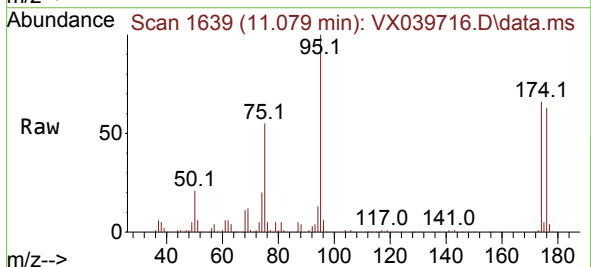
Instrument :
MSVOA_X
ClientSampleId :

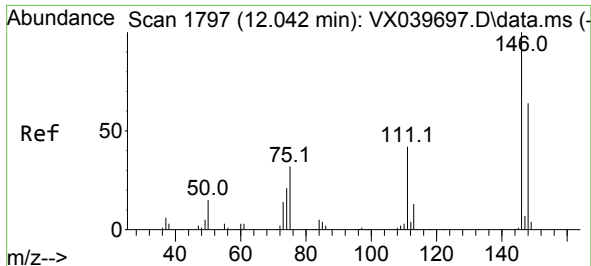
Tgt Ion: 75 Resp: 50567
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

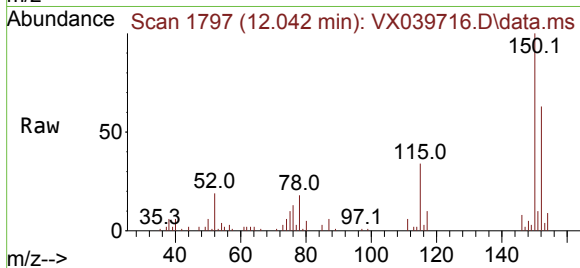
Tgt Ion: 75 Resp: 50567
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



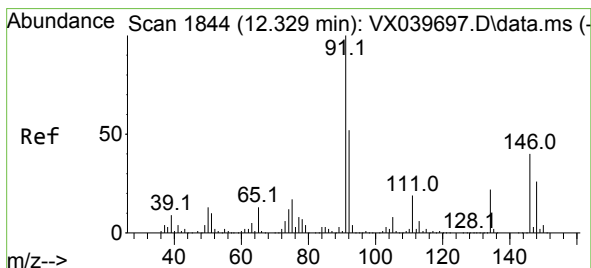
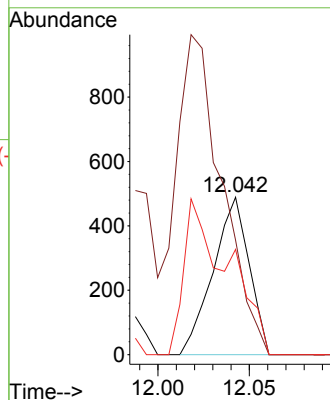
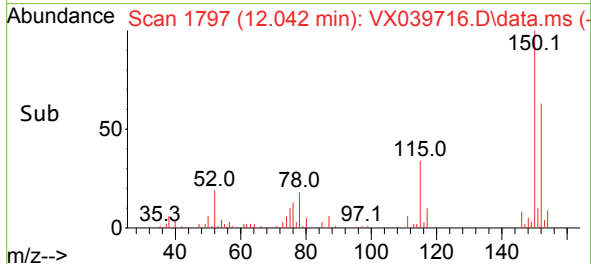


#88
1,4-Dichlorobenzene
Concen: 0.218 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44

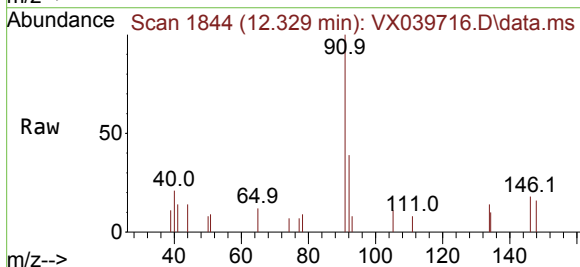
Instrument :
MSVOA_X
ClientSampleId :



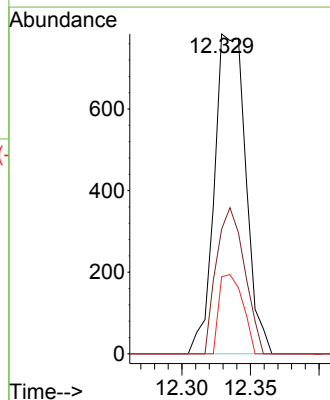
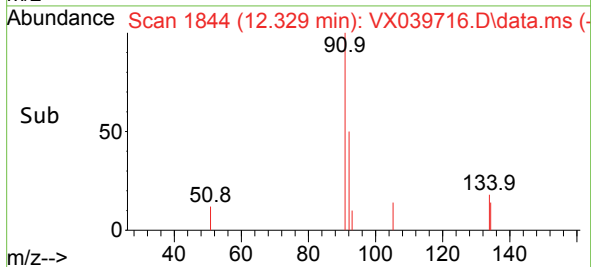
Tgt Ion:146 Resp: 671
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 0.0 31.8 95.4#

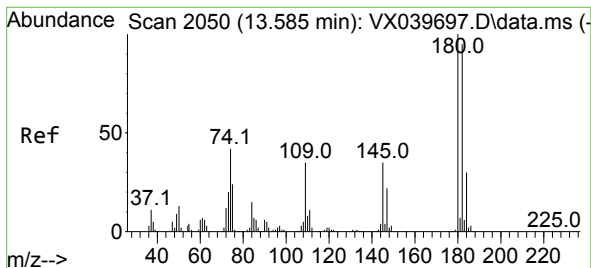


#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039716.D
Acq: 11 Jan 2024 11:44



Tgt Ion: 91 Resp: 1245
Ion Ratio Lower Upper
91 100
92 41.1 27.4 82.0
134 18.7 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.324 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039716.D

Acq: 11 Jan 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

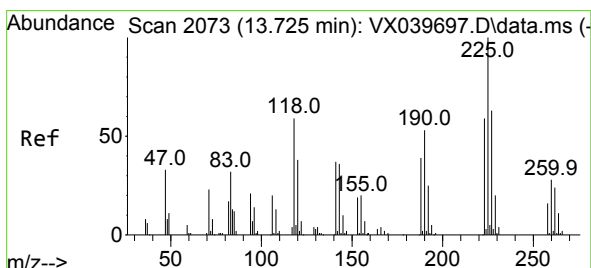
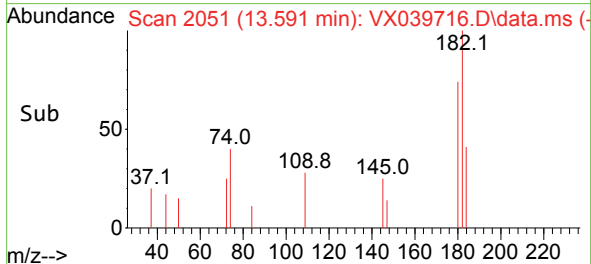
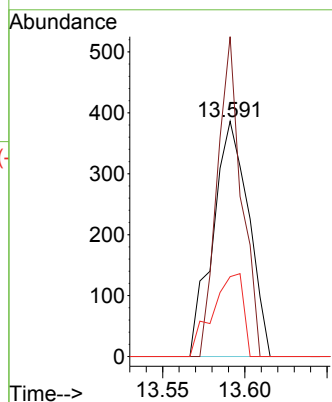
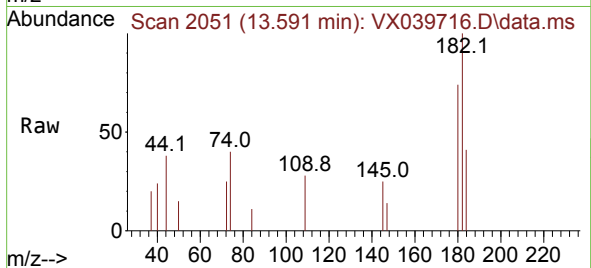
Tgt Ion:180 Resp: 583

Ion Ratio Lower Upper

180 100

182 91.9 48.3 144.8

145 30.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.212 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039716.D

Acq: 11 Jan 2024 11:44

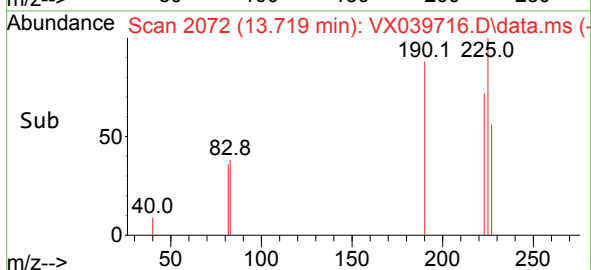
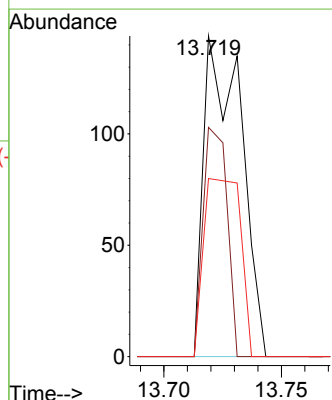
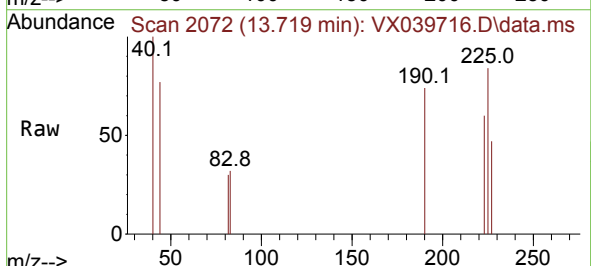
Tgt Ion:225 Resp: 159

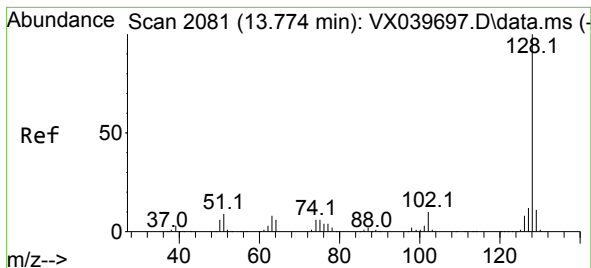
Ion Ratio Lower Upper

225 100

223 45.9 31.1 93.2

227 54.7 32.5 97.5





#95

Naphthalene

Concen: 0.247 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039716.D

Acq: 11 Jan 2024 11:44

Instrument :

MSVOA_X

ClientSampleId :

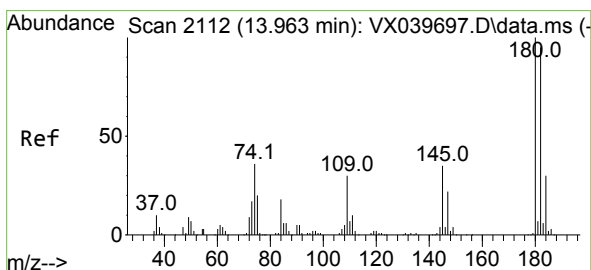
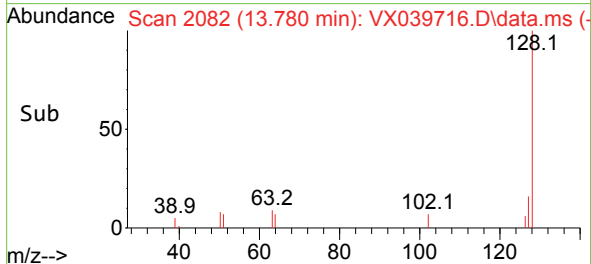
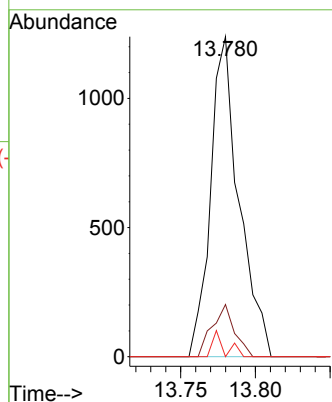
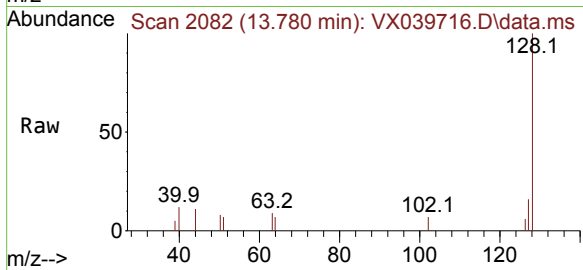
Tgt Ion:128 Resp: 1638

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 3.4 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.230 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039716.D

Acq: 11 Jan 2024 11:44

Tgt Ion:180 Resp: 419

Ion Ratio Lower Upper

180 100

182 80.7 46.9 140.6

145 44.9 17.8 53.5

