

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039854.D
 Acq On : 19 Jan 2024 21:38
 Operator : JC/MD
 Sample : VX0119WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBL02

Quant Time: Jan 20 03:25:34 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)

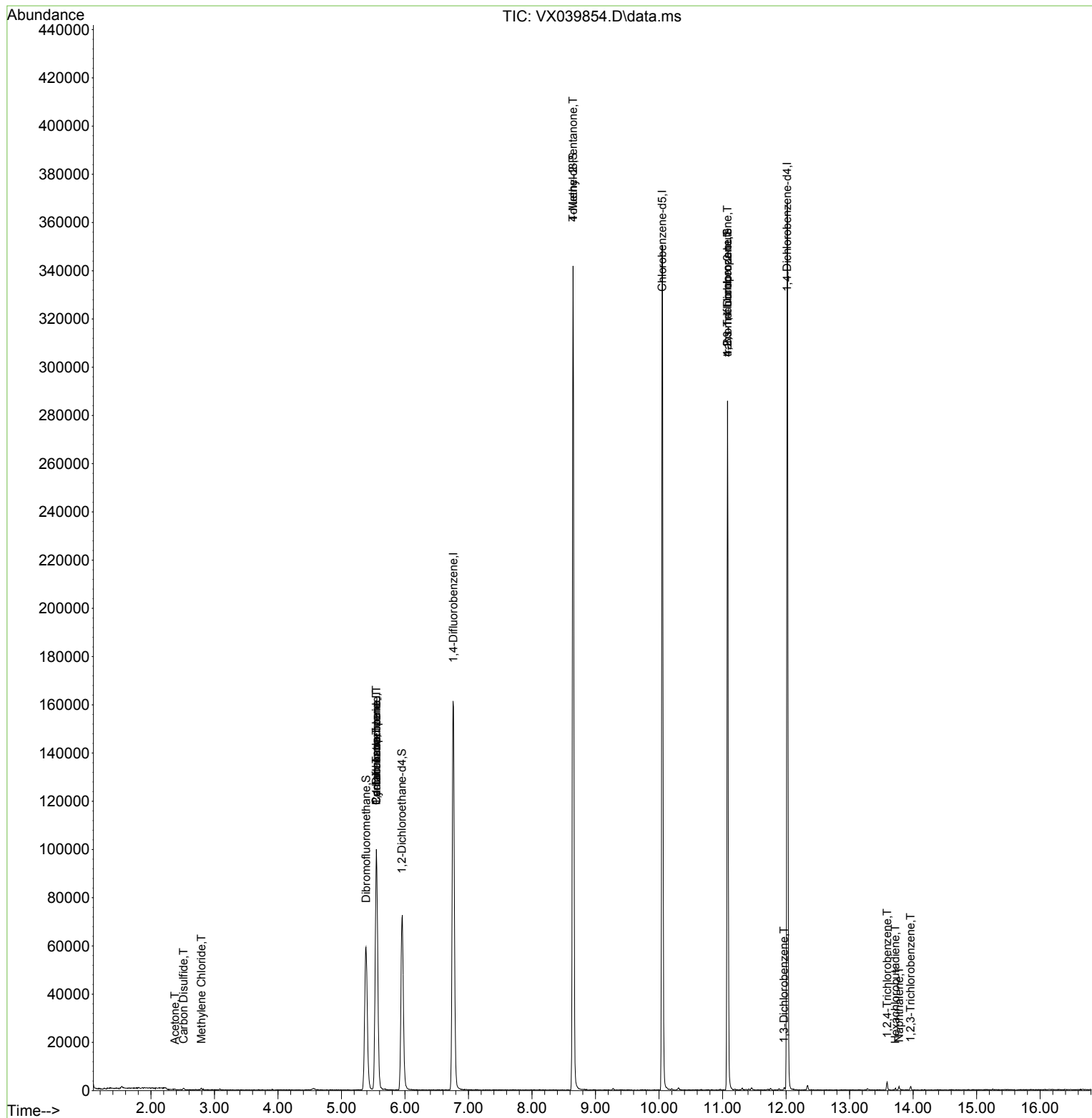
Internal Standards						
1) Pentafluorobenzene	5.550	168	86898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69169	47.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	51718	48.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.647	98	193581	47.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.840%		
62) 4-Bromofluorobenzene	11.079	95	74707	47.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.580%		
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	18	Below Cal	#	14
16) Acetone	2.380	43	309	0.377	ug/l #	43
17) Carbon Disulfide	2.514	76	710	0.236	ug/l #	76
20) Methylene Chloride	2.794	84	265	0.214	ug/l #	80
31) Cyclohexane	5.550	56	2437	1.269	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	7782	4.667	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9564	6.263	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	937	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42251	22.903	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42251	66.168	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	485	0.201	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1008	0.690	ug/l	95
94) Hexachlorobutadiene	13.719	225	195	0.321	ug/l #	46
95) Naphthalene	13.780	128	1228	0.228	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.963	180	471	0.319	ug/l	98

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

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Quant Time: Jan 20 03:25:34 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: VX039854.D

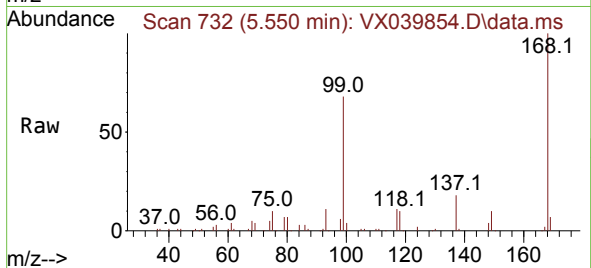
Acq: 19 Jan 2024 21:38

Instrument :

MSVOA_X

ClientSampleId :

VX0119WBL02

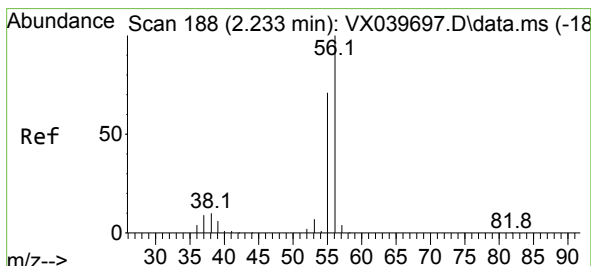
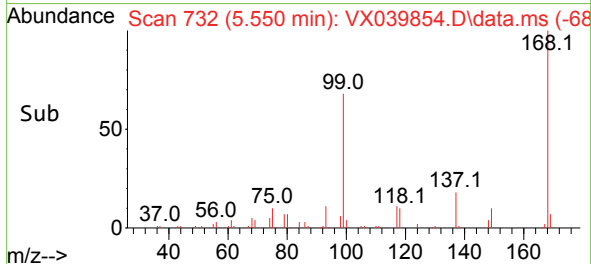
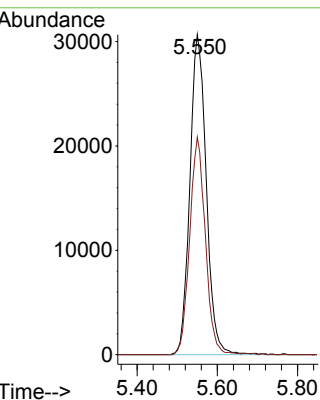


Tgt Ion:168 Resp: 86898

Ion Ratio Lower Upper

168 100

99 68.0 56.6 85.0



#13

Acrolein

Concen: Below Cal

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039854.D

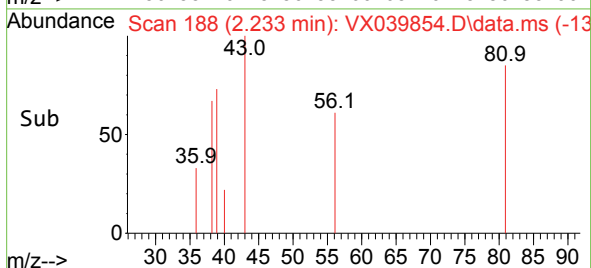
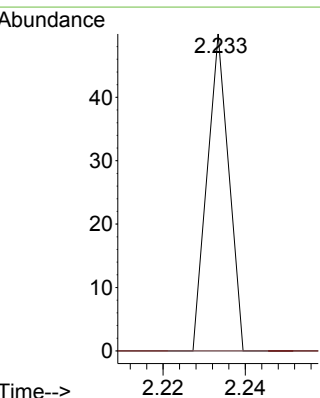
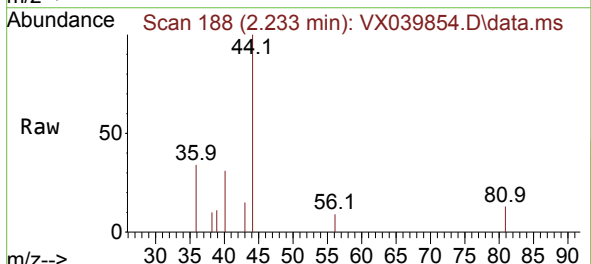
Acq: 19 Jan 2024 21:38

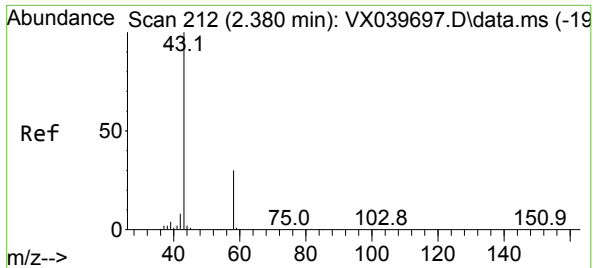
Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#





#16

Acetone

Concen: 0.377 ug/l

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039854.D

Acq: 19 Jan 2024 21:38

Instrument :

MSVOA_X

ClientSampleId :

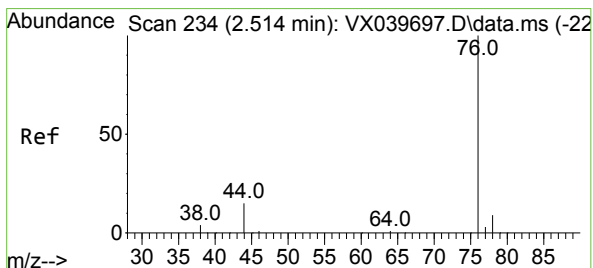
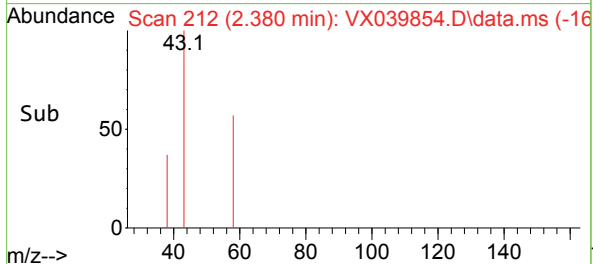
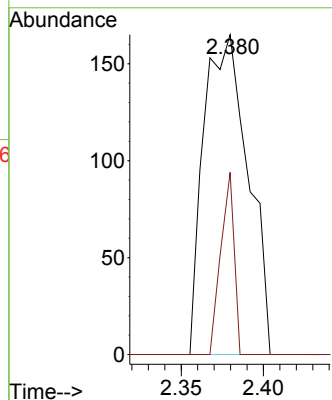
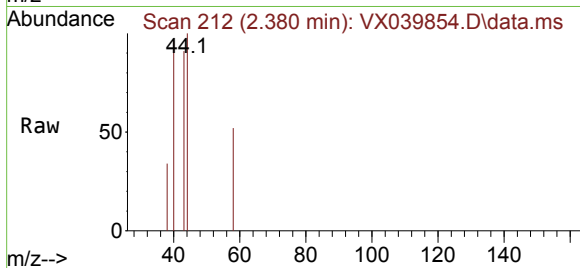
VX0119WBL02

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

58 57.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.236 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039854.D

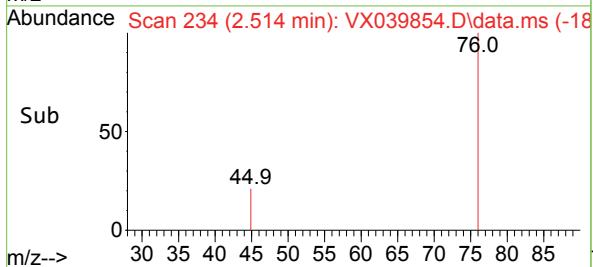
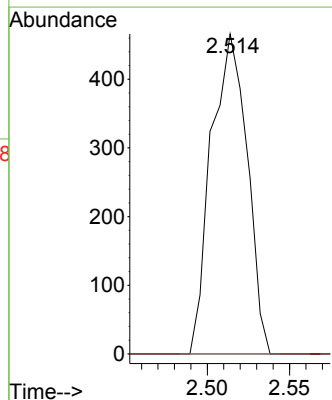
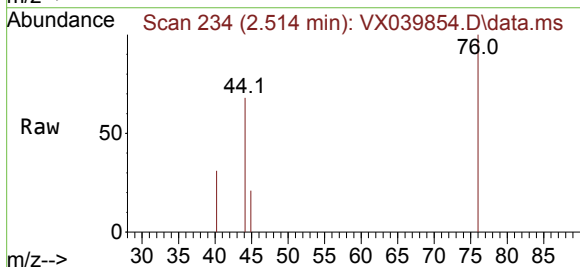
Acq: 19 Jan 2024 21:38

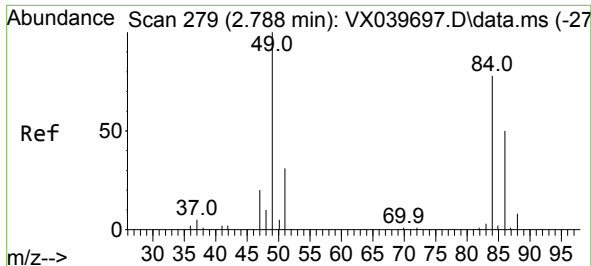
Tgt Ion: 76 Resp: 710

Ion Ratio Lower Upper

76 100

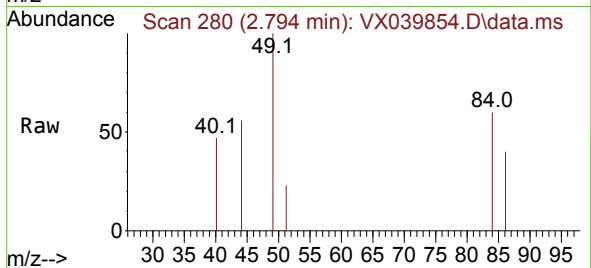
78 0.0 7.0 10.6#



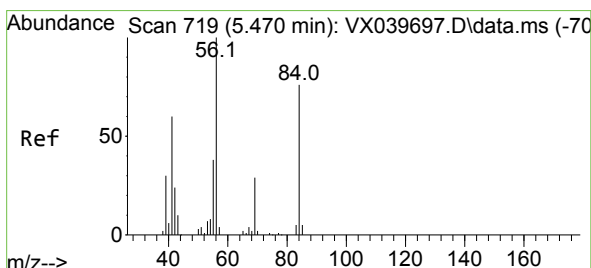
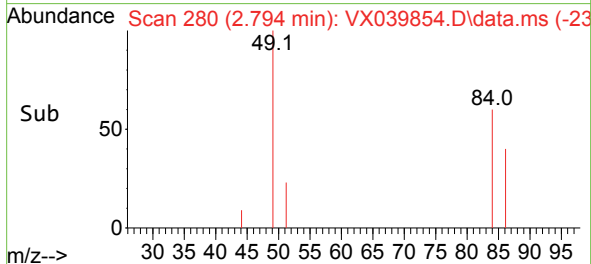
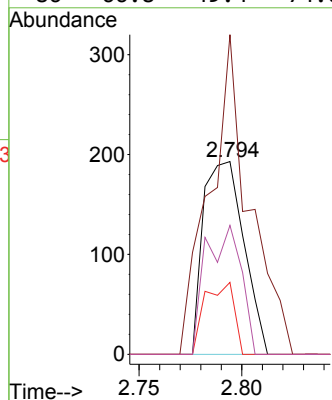


#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

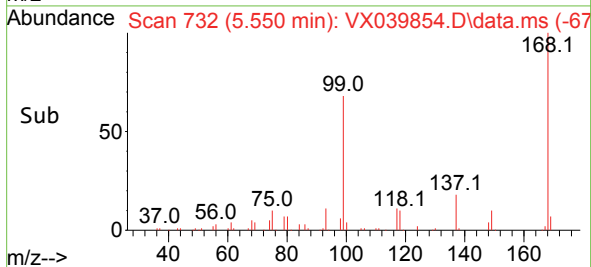
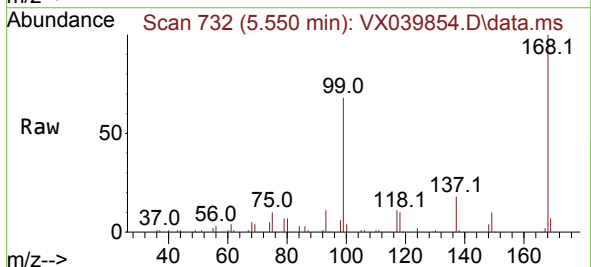
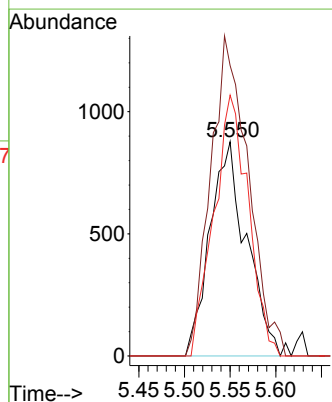


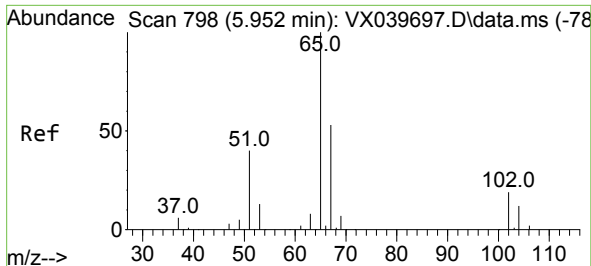
Tgt Ion: 84	Resp: 265
Ion Ratio	Lower Upper
84 100	
49 165.8	103.6 155.4#
51 37.3	33.8 50.6
86 66.8	49.4 74.0



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion: 56	Resp: 2437		
Ion Ratio	Lower	Upper	
56	100		
69	135.6	23.4	35.2#
84	121.8	65.9	98.9#

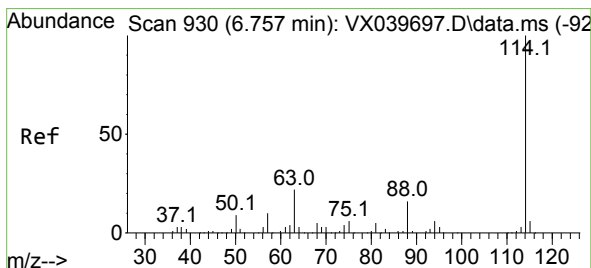
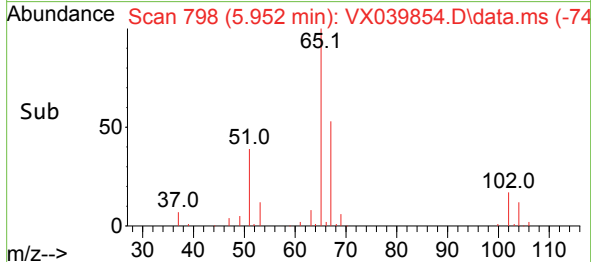
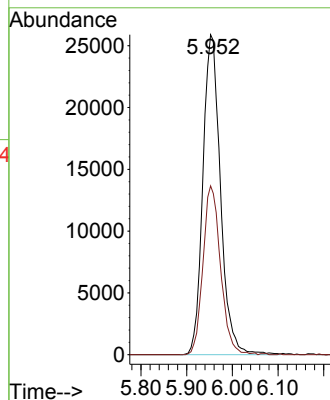
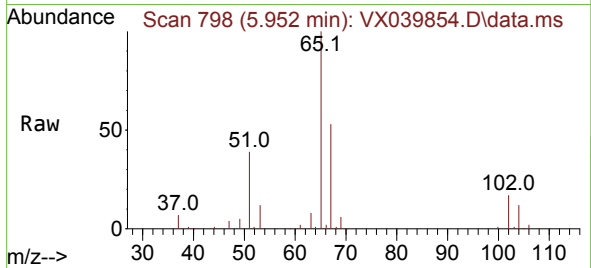




#33
1,2-Dichloroethane-d4
Concen: 47.517 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

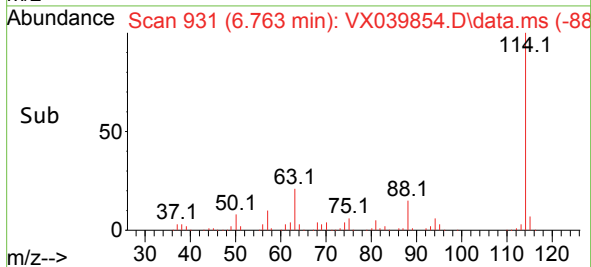
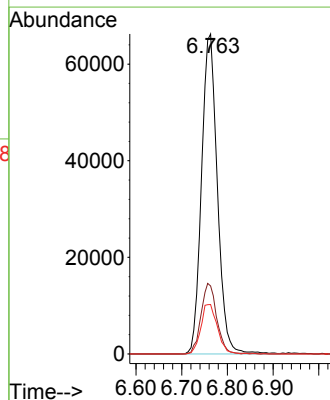
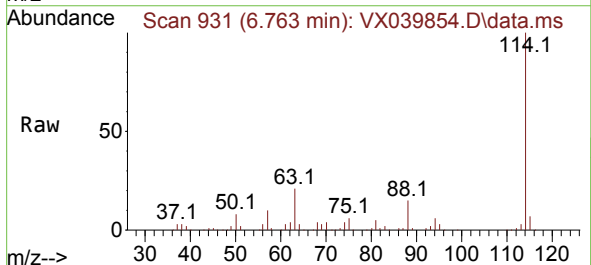
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

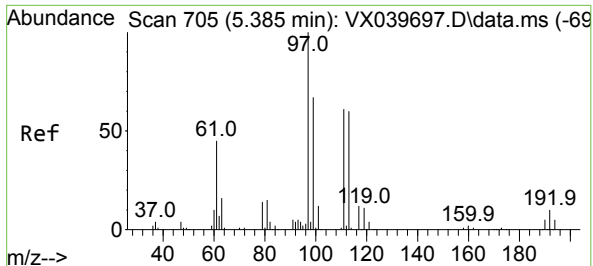
Tgt Ion: 65 Resp: 69169
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion: 114 Resp: 159039
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.5 0.0 36.6

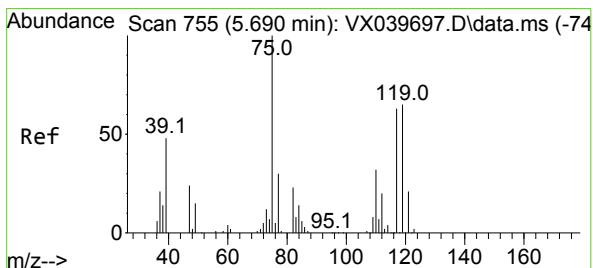
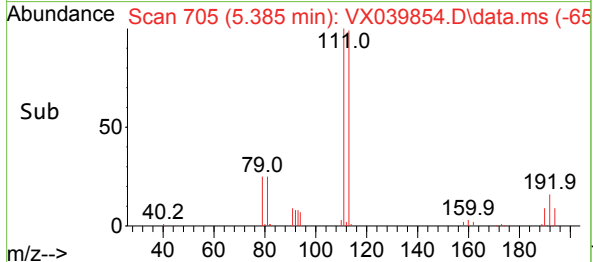
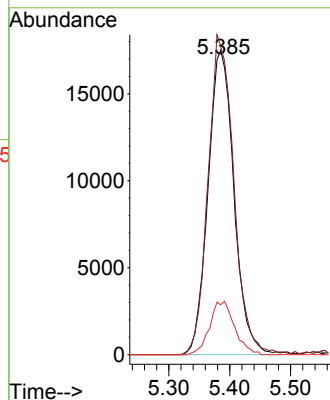
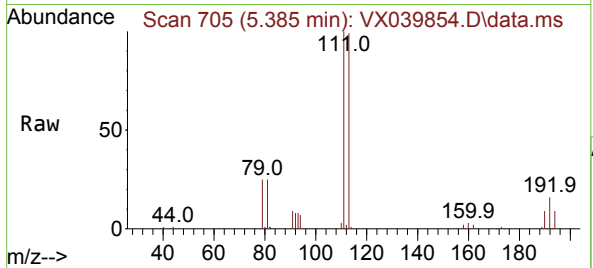




#35
Dibromofluoromethane
Concen: 48.281 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

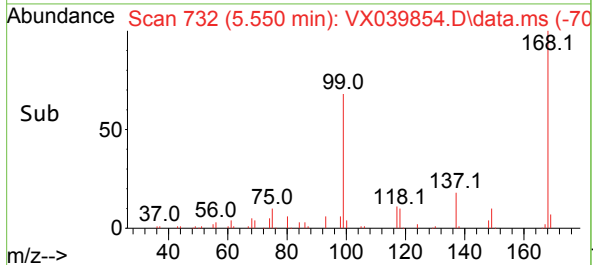
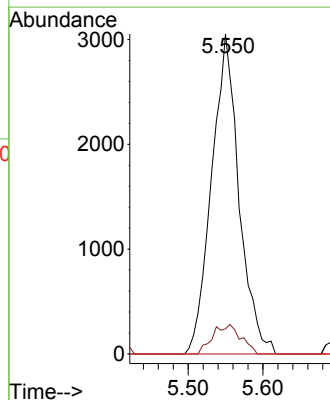
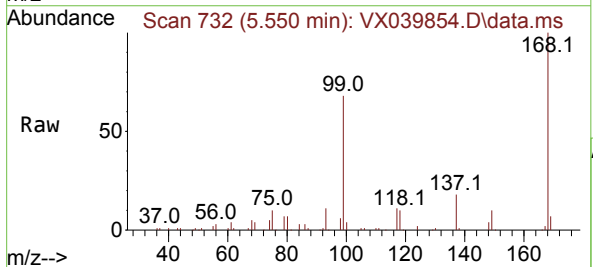
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

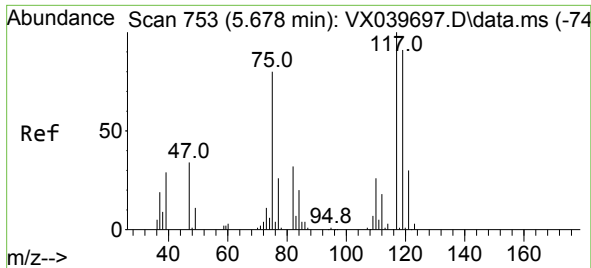
Tgt Ion:113 Resp: 51718
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

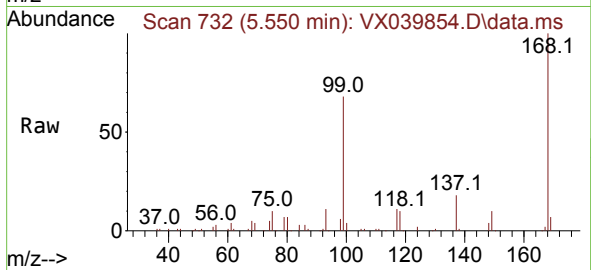
Tgt Ion: 75 Resp: 7782
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



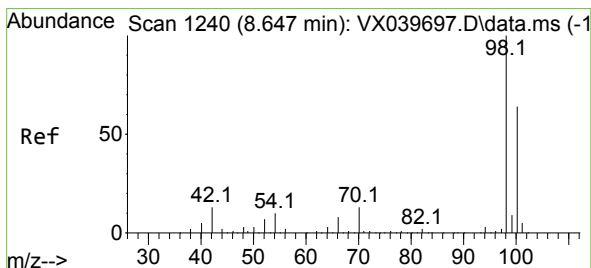
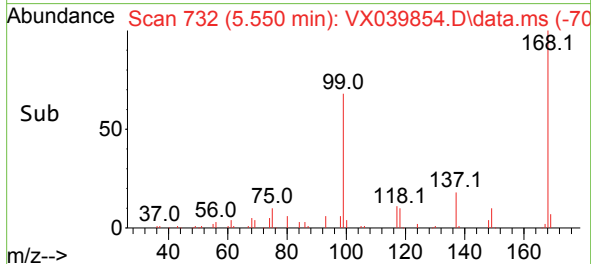
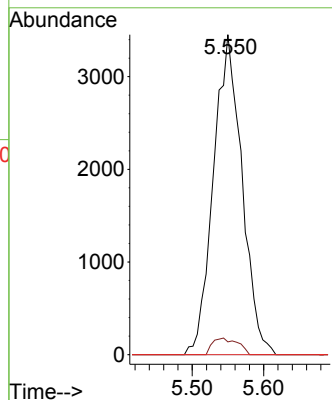


#38
Carbon Tetrachloride
Concen: 6.263 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

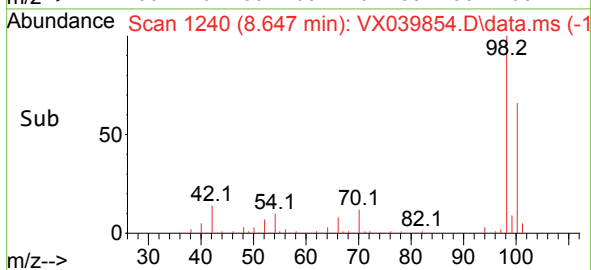
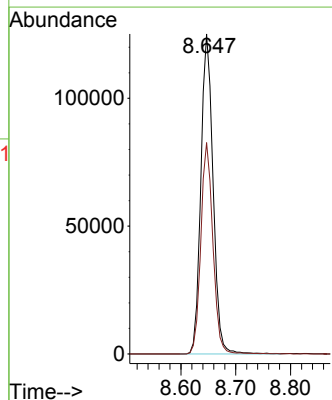
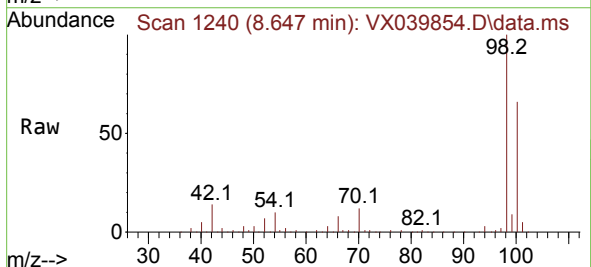


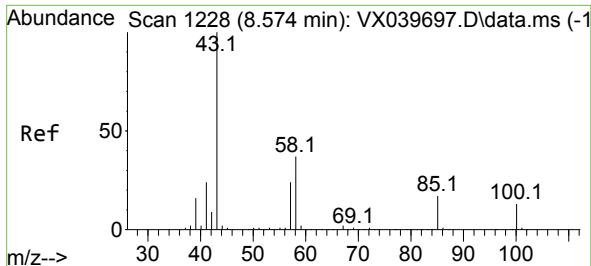
Tgt Ion:117 Resp: 9564
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion: 98 Resp: 193581
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

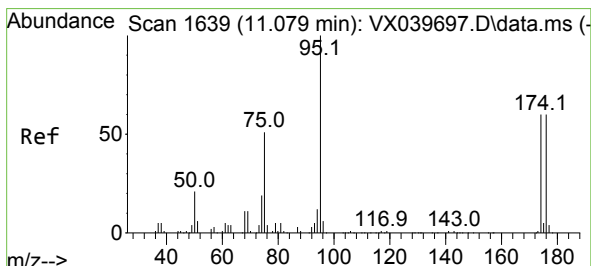
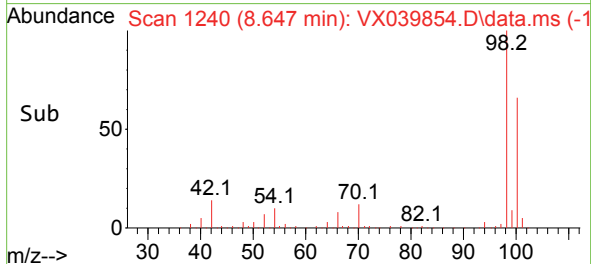
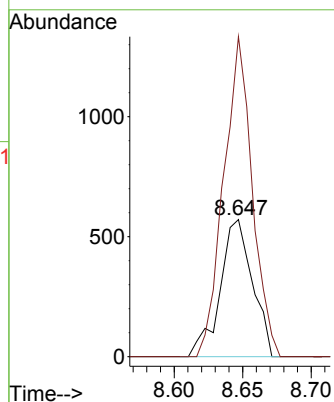
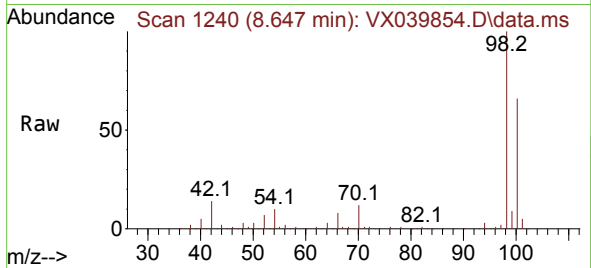




#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

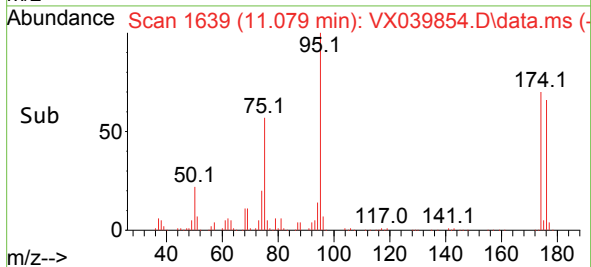
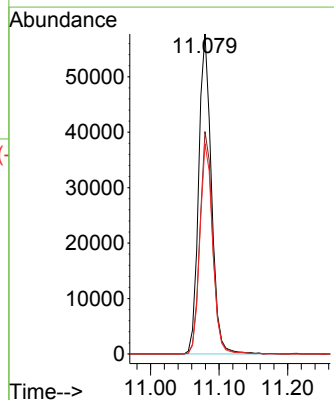
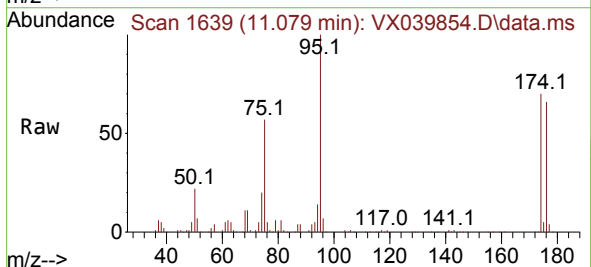
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

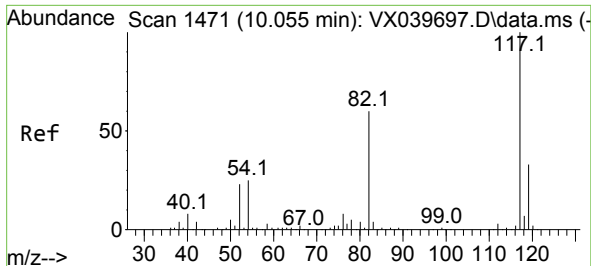
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 206.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion: 95 Resp: 74707
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 65.9 0.0 131.0

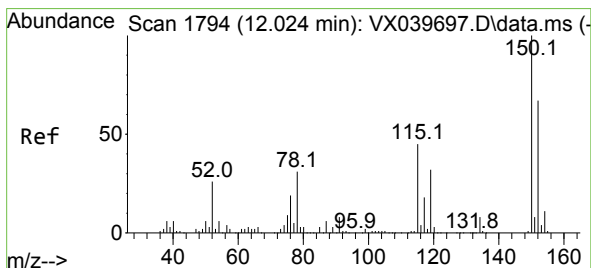
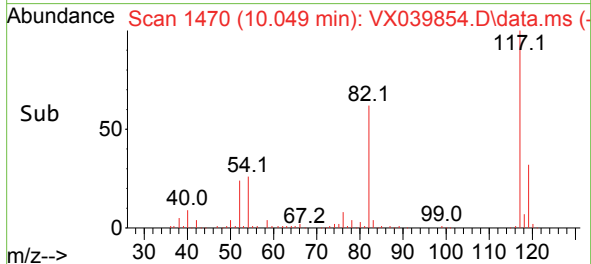
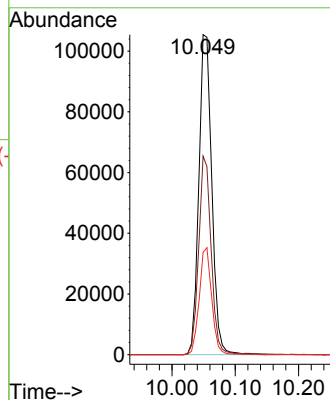
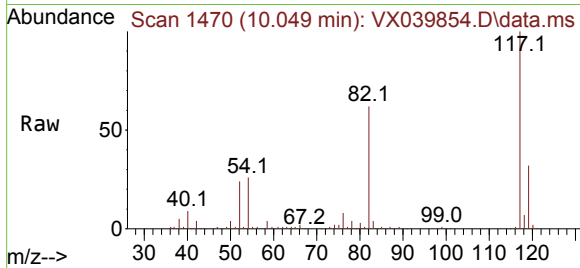




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

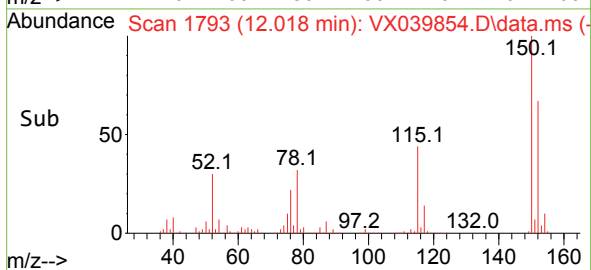
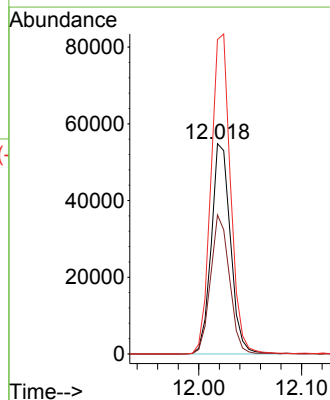
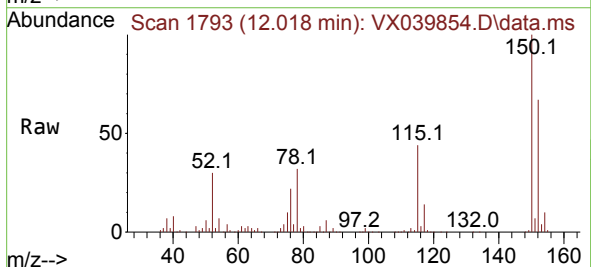
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

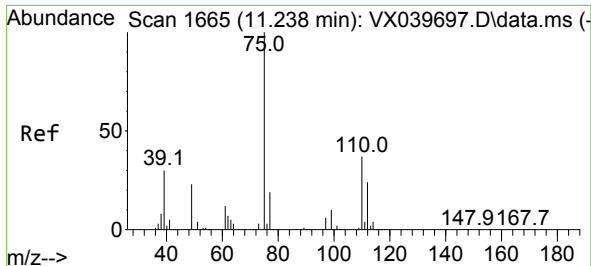
Tgt Ion:117 Resp: 150869
Ion Ratio Lower Upper
117 100
82 62.1 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion:152 Resp: 71156
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 154.7 0.0 345.0

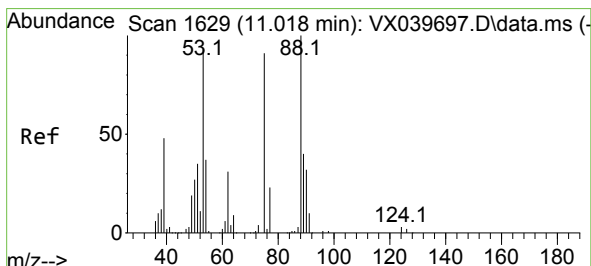
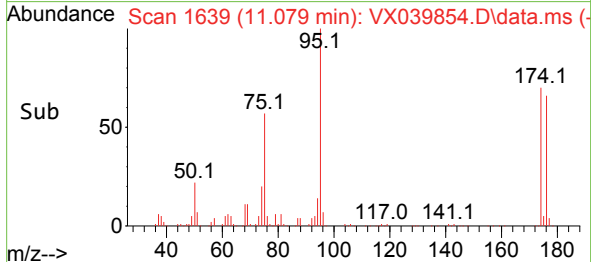
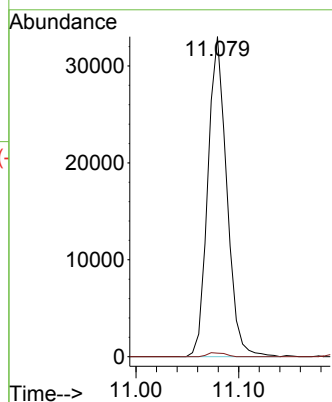
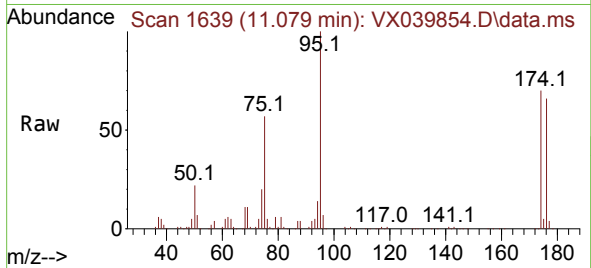




#76
1,2,3-Trichloropropane
Concen: 22.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

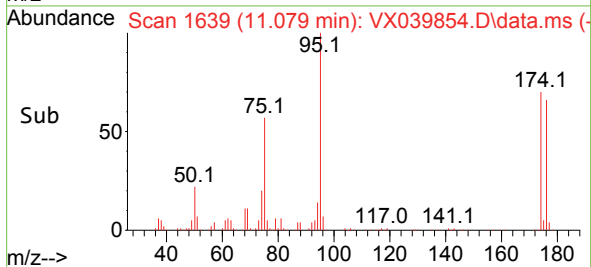
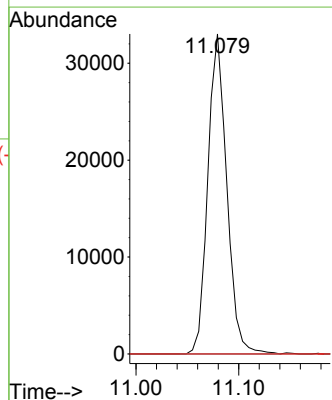
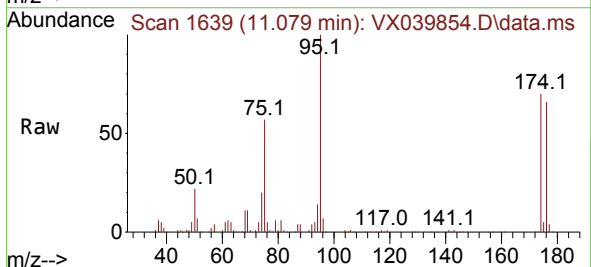
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

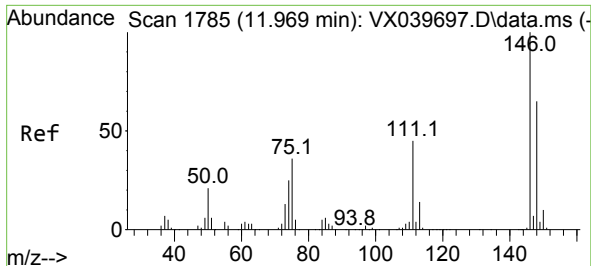
Tgt Ion: 75 Resp: 42251
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion: 75 Resp: 42251
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.201 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039854.D

Acq: 19 Jan 2024 21:38

Instrument :

MSVOA_X

ClientSampleId :

VX0119WBL02

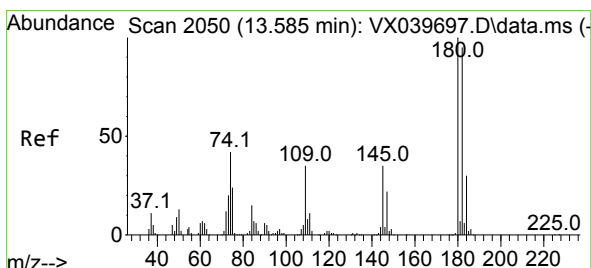
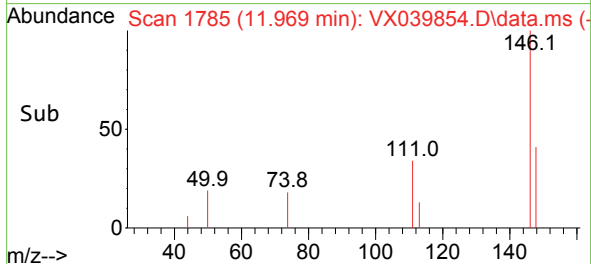
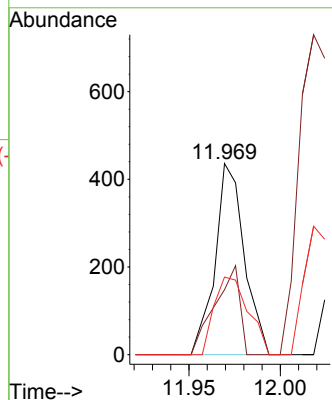
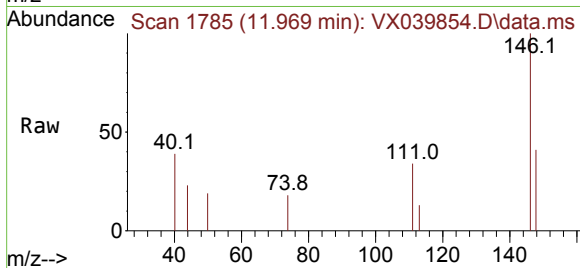
Tgt Ion:146 Resp: 485

Ion Ratio Lower Upper

146 100

111 39.6 22.1 66.1

148 47.4 31.8 95.3



#93

1,2,4-Trichlorobenzene

Concen: 0.690 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039854.D

Acq: 19 Jan 2024 21:38

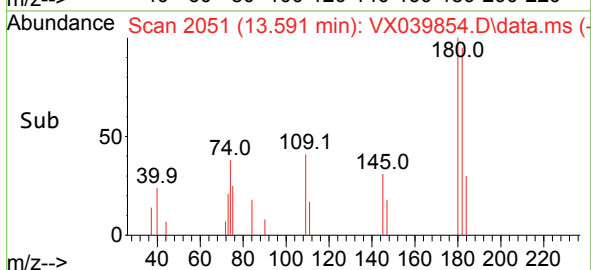
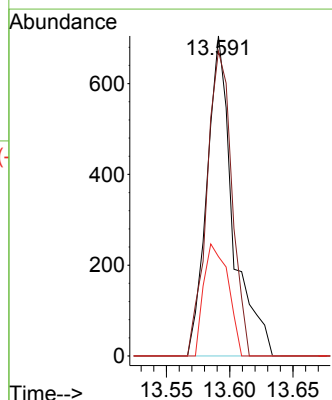
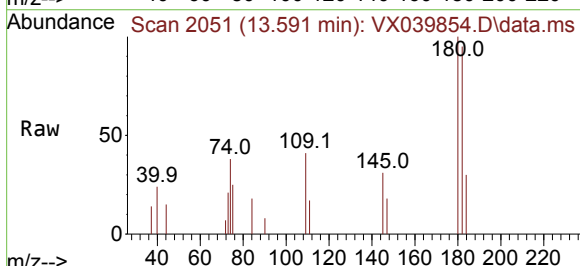
Tgt Ion:180 Resp: 1008

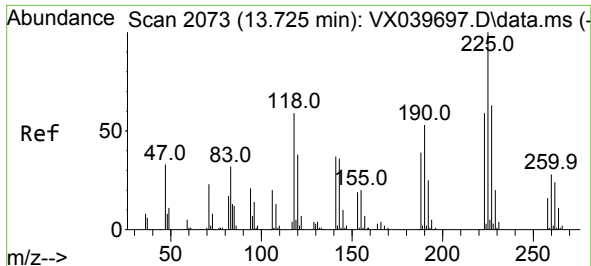
Ion Ratio Lower Upper

180 100

182 91.8 48.3 144.8

145 32.8 18.0 54.0

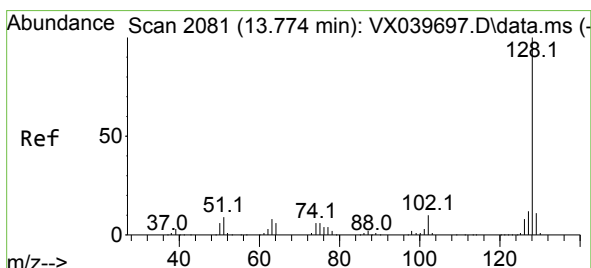
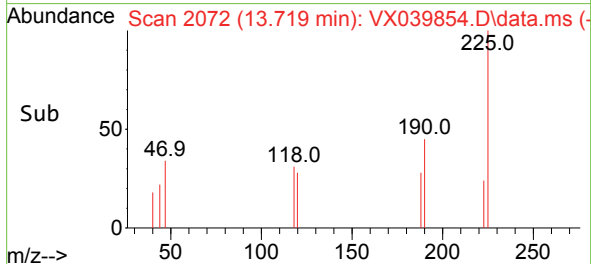
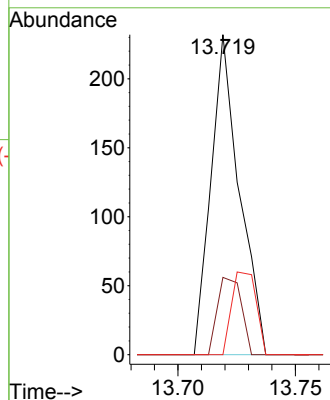
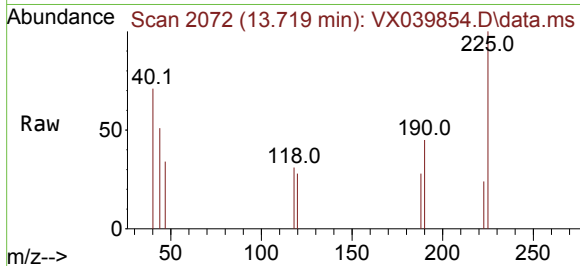




#94
Hexachlorobutadiene
Concen: 0.321 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

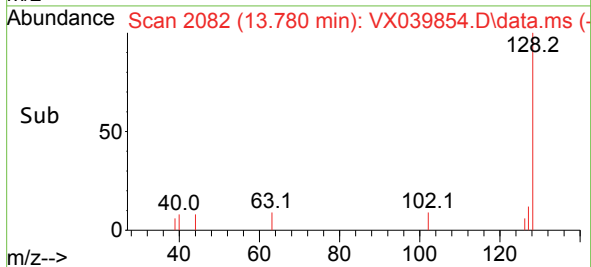
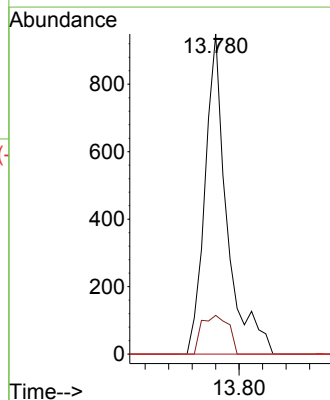
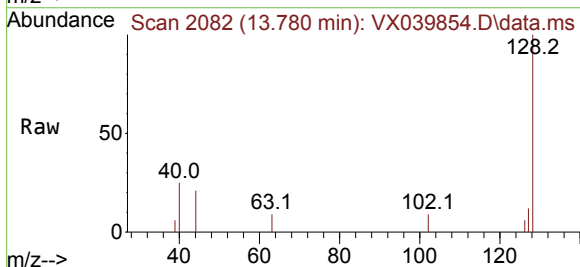
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL02

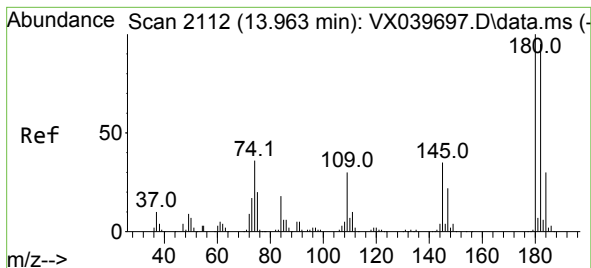
Tgt Ion:225 Resp: 195
Ion Ratio Lower Upper
225 100
223 20.5 31.1 93.2#
227 22.1 32.5 97.5#



#95
Naphthalene
Concen: 0.228 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039854.D
Acq: 19 Jan 2024 21:38

Tgt Ion:128 Resp: 1228
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 0.0 8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.319 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039854.D

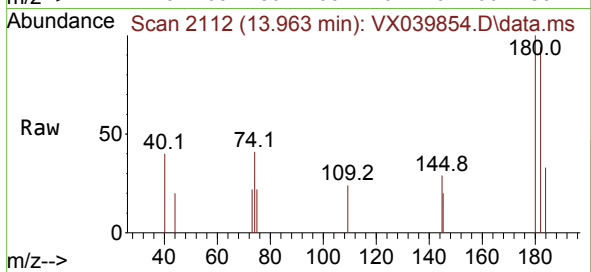
Acq: 19 Jan 2024 21:38

Instrument :

MSVOA_X

ClientSampleId :

VX0119WBL02



Tgt Ion:180 Resp: 471

Ion Ratio Lower Upper

180 100

182 90.9 46.9 140.6

145 35.5 17.8 53.5

