

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039921.D
 Acq On : 22 Nov 2022 16:57
 Operator : SY/AP
 Sample : VL1122ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1122ABL01

Quant Time: Nov 23 04:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

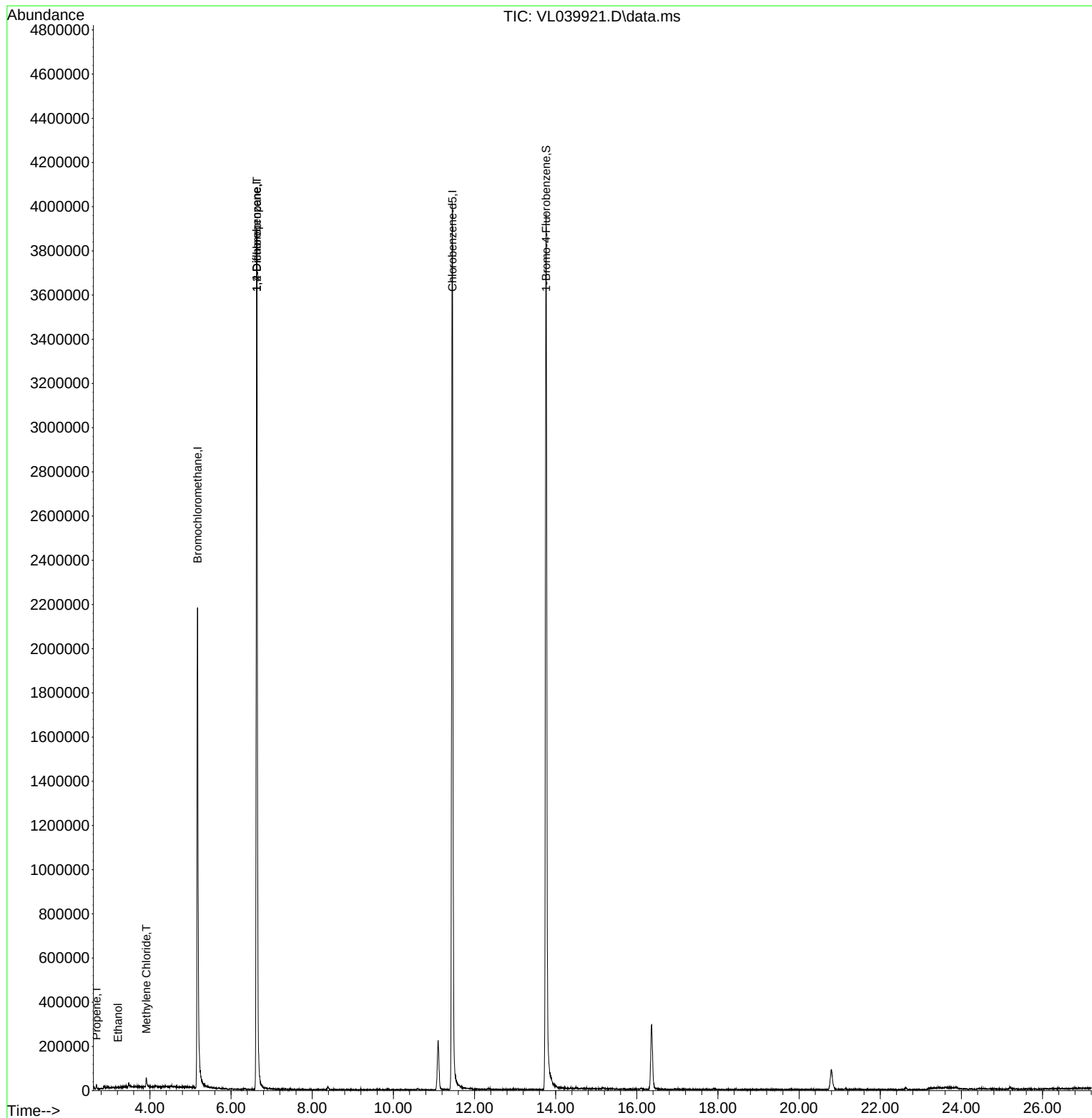
Internal Standards						
1) Bromochloromethane	5.172	49	1111024	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.632	114	3048314	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.452	117	2713521	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2120685	10.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
9) Propene	2.681	41	5038	0.070	ppbv	84
13) Ethanol	3.214	45	211	0.038	ppbv #	38
20) Methylene Chloride	3.912	84	12023	0.168	ppbv #	82
39) 1,2-Dichloropropane	6.635	63	764630	7.574	ppbv #	26

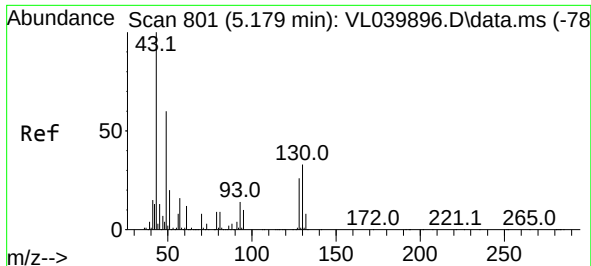
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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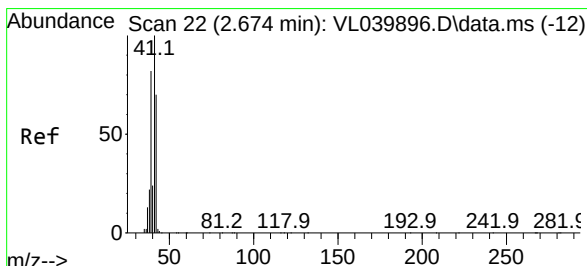
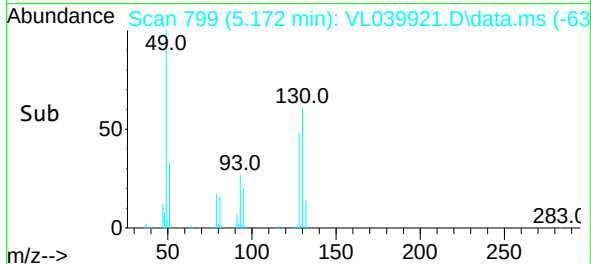
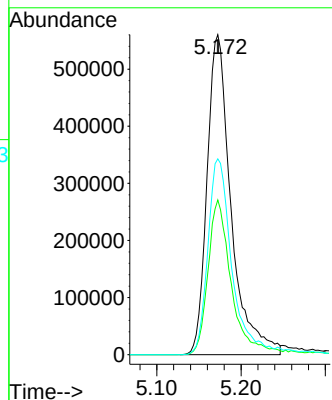
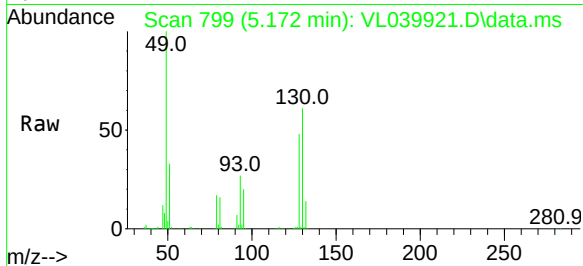




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. 0.016 min
Lab File: VL039921.D
Acq: 22 Nov 2022 16:57

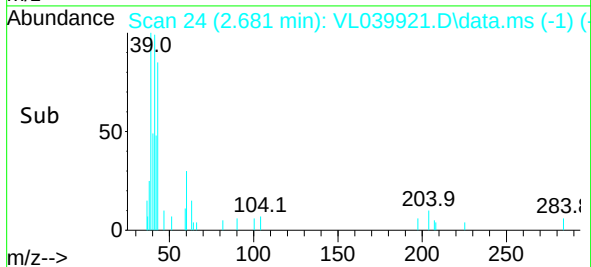
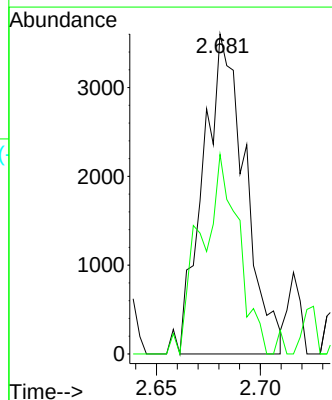
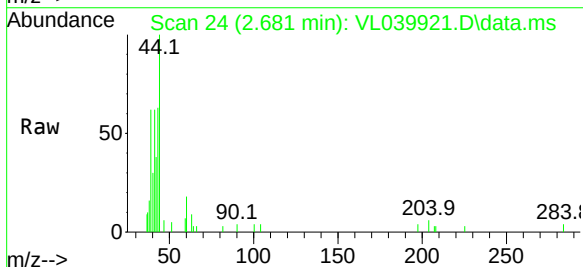
Instrument :
MSVOA_L
ClientSampleId :
VL1122ABL01

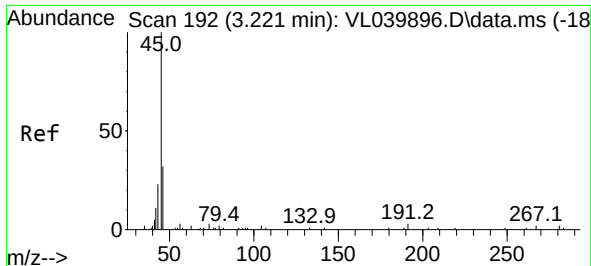
Tgt Ion: 49 Resp: 1111024
Ion Ratio Lower Upper
49 100
128 49.0 22.1 66.3
130 63.2 27.7 83.1



#9
Propene
Concen: 0.070 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.019 min
Lab File: VL039921.D
Acq: 22 Nov 2022 16:57

Tgt Ion: 41 Resp: 5038
Ion Ratio Lower Upper
41 100
42 56.4 55.8 83.6

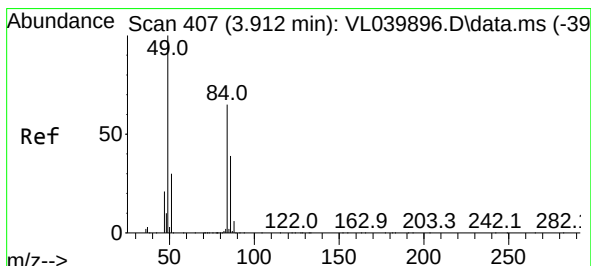
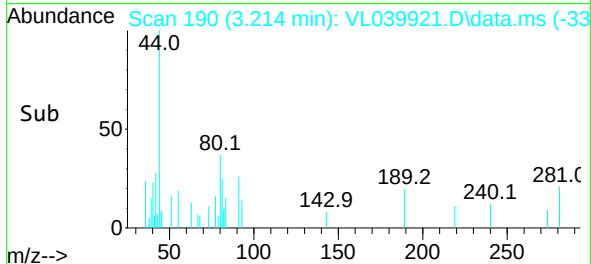
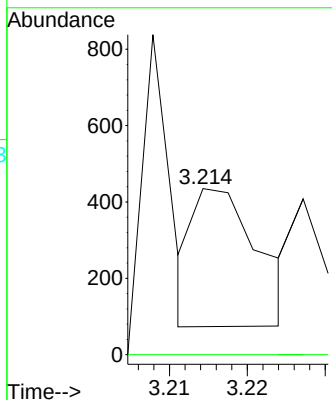
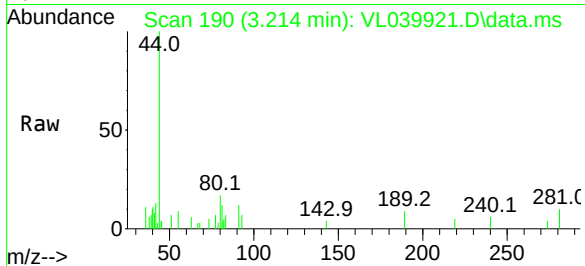




#13
 Ethanol
 Concen: 0.038 ppbv
 RT: 3.214 min Scan# 192
 Delta R.T. 0.006 min
 Lab File: VL039921.D
 Acq: 22 Nov 2022 16:57

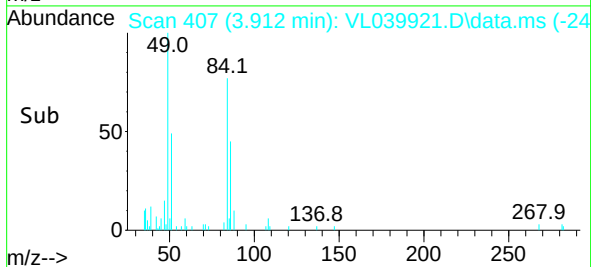
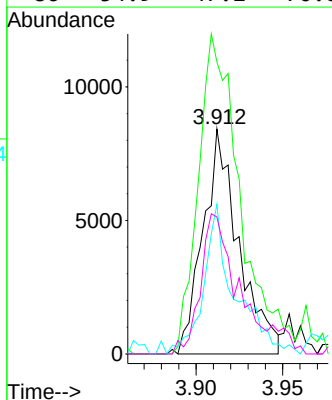
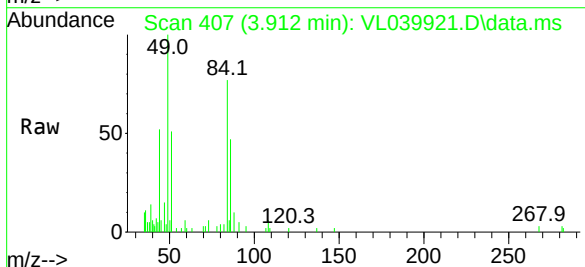
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1122ABL01

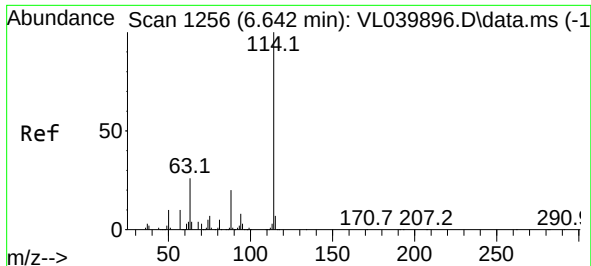
Tgt Ion: 45 Resp: 211
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.6 58.2#



#20
 Methylene Chloride
 Concen: 0.168 ppbv
 RT: 3.912 min Scan# 407
 Delta R.T. 0.013 min
 Lab File: VL039921.D
 Acq: 22 Nov 2022 16:57

Tgt Ion: 84 Resp: 12023
 Ion Ratio Lower Upper
 84 100
 49 126.5 122.2 183.4
 51 63.4 36.3 54.5#
 86 54.9 47.2 70.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL039921.D

Acq: 22 Nov 2022 16:57

Instrument :

MSVOA_1

ClientSampleId :

VL1122ABL01

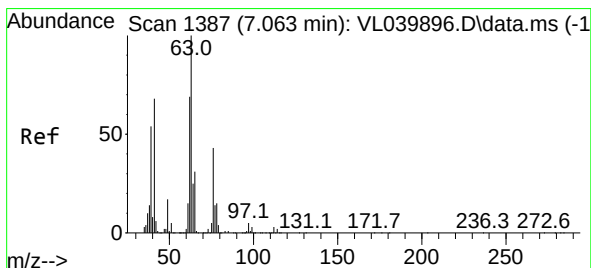
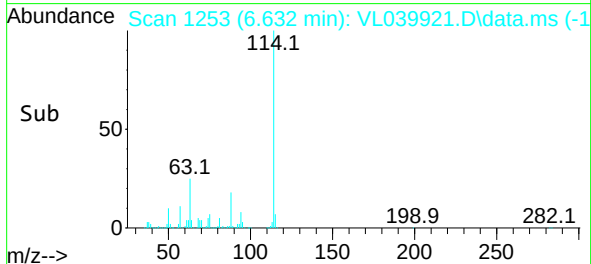
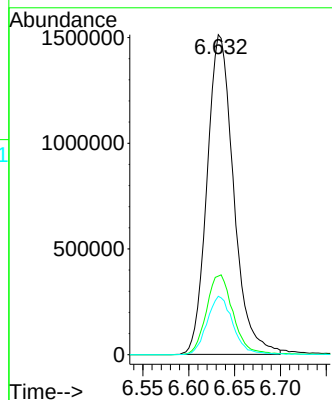
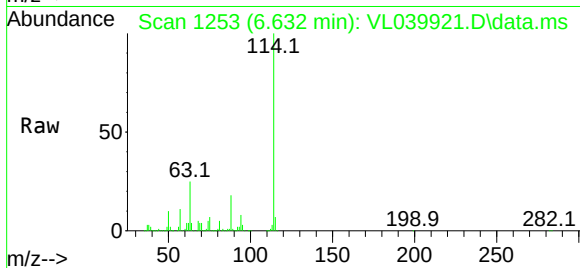
Tgt Ion:114 Resp: 3048314

Ion Ratio Lower Upper

114 100

63 25.6 21.4 32.0

88 18.1 15.3 22.9



#39

1,2-Dichloropropane

Concen: 7.574 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. -0.405 min

Lab File: VL039921.D

Acq: 22 Nov 2022 16:57

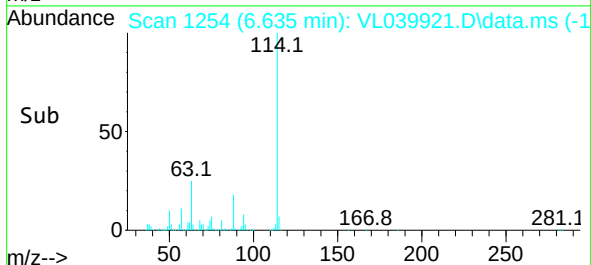
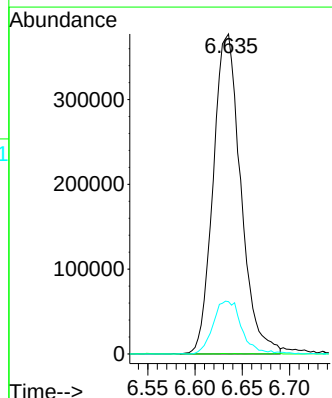
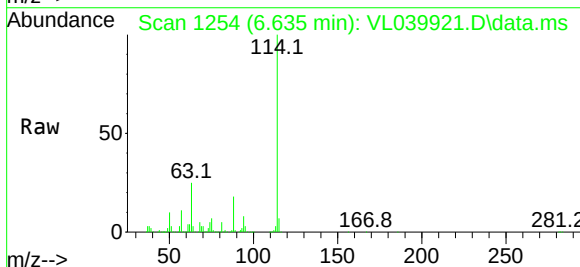
Tgt Ion: 63 Resp: 764630

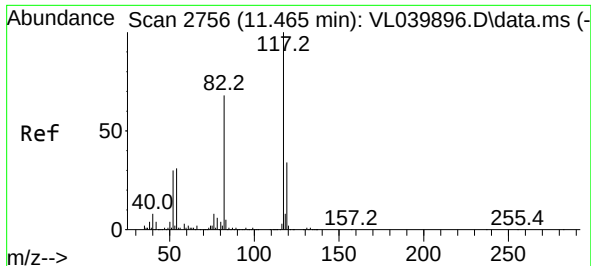
Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 16.3 55.0 82.6#

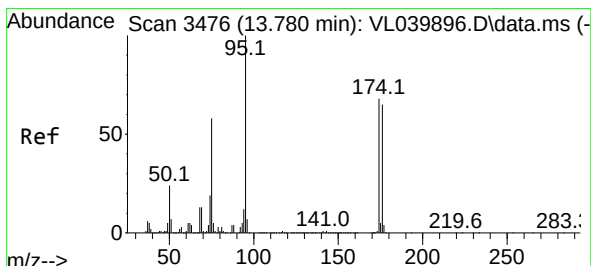
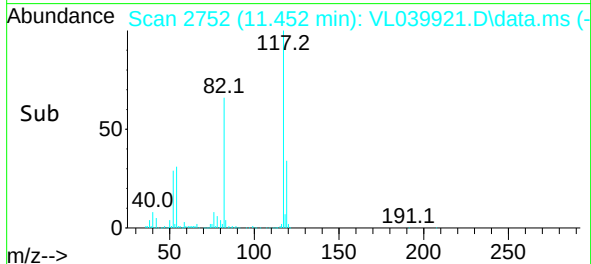
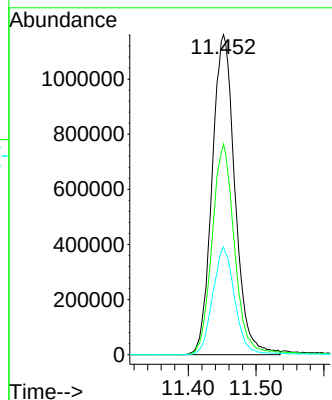
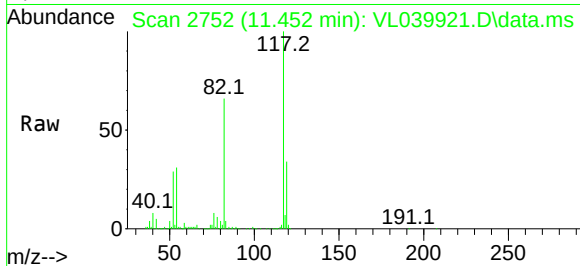




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039921.D
Acq: 22 Nov 2022 16:57

Instrument :
MSVOA_L
ClientSampleId :
VL1122ABL01

Tgt Ion:117 Resp: 2713521
Ion Ratio Lower Upper
117 100
82 65.4 52.3 78.5
119 32.6 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.232 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.010 min
Lab File: VL039921.D
Acq: 22 Nov 2022 16:57

Tgt Ion: 95 Resp: 2120685
Ion Ratio Lower Upper
95 100
174 62.9 53.7 80.5
175 4.6 4.0 6.0

