

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039940.D
 Acq On : 1 Dec 2022 13:45
 Operator : SY/MD
 Sample : QC112822 CAN 10311
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC112822 CAN 10311

Quant Time: Dec 02 05:32:12 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 : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

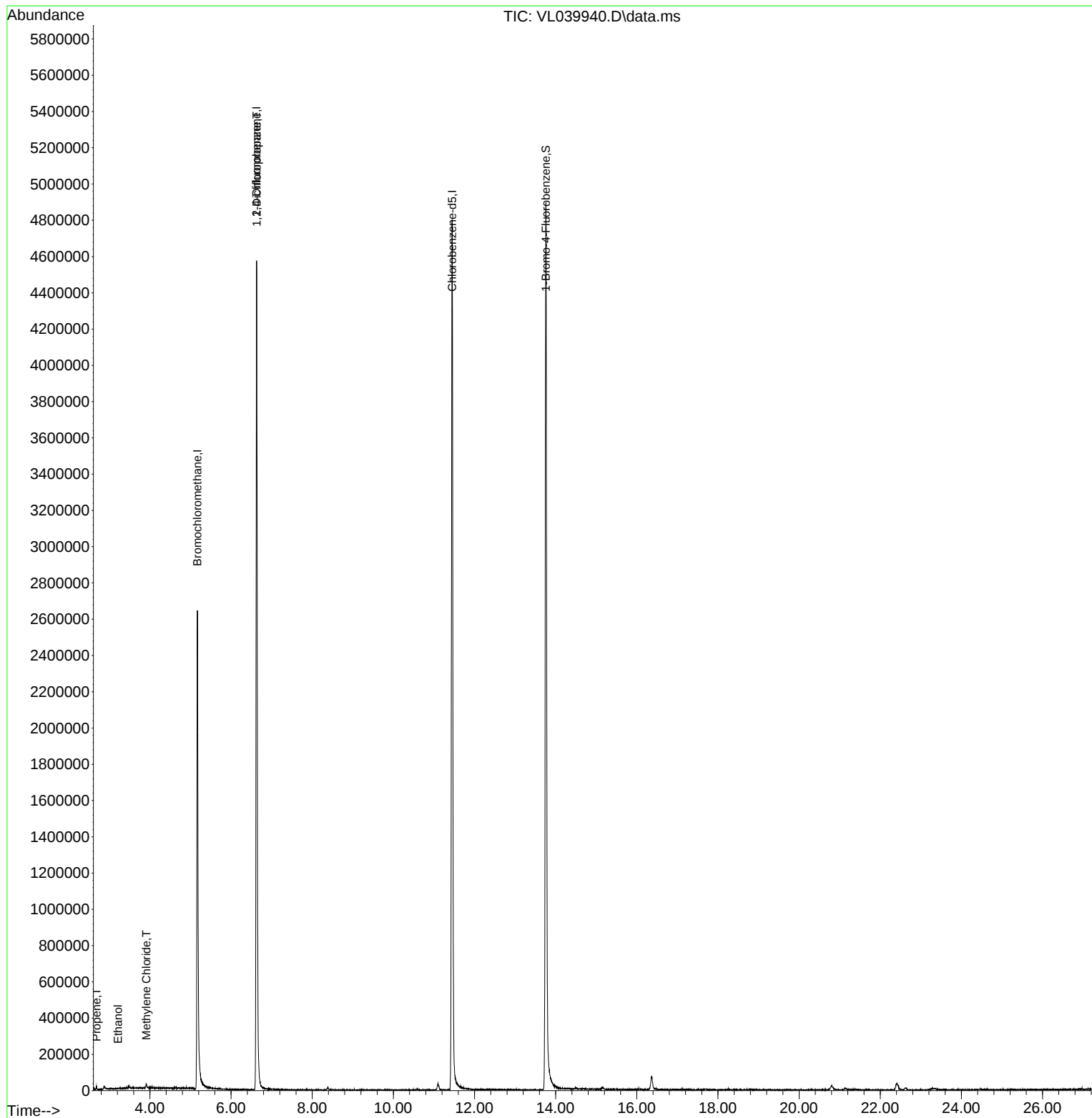
Internal Standards						
1) Bromochloromethane	5.169	49	1327686	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3600373	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3234799	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2569780	10.401	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	3720	0.043	ppbv #	66
13) Ethanol	3.214	45	251	0.038	ppbv #	38
20) Methylene Chloride	3.912	84	4413	0.052	ppbv	89
39) 1,2-Dichloropropane	6.632	63	891324	7.476	ppbv #	26

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

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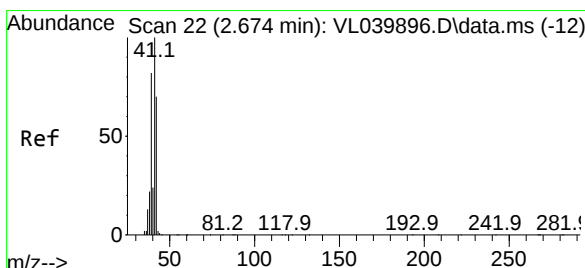
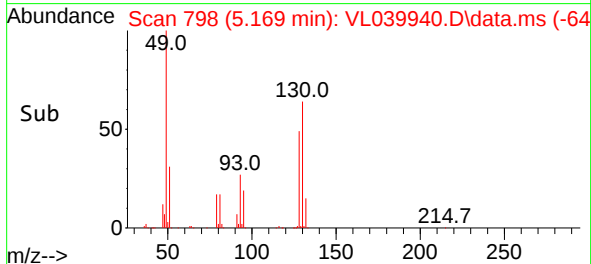
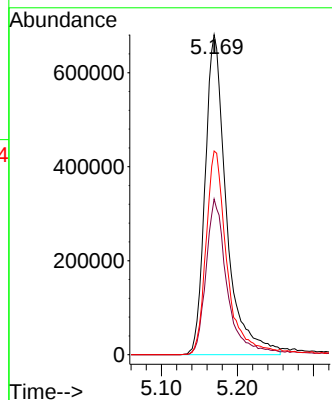
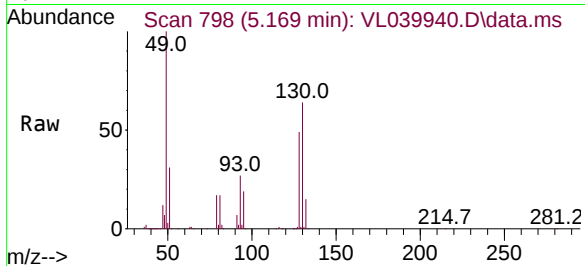




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.004 min
Lab File: VL039940.D
Acq: 1 Dec 2022 13:45

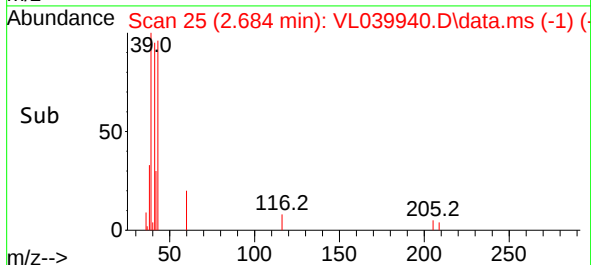
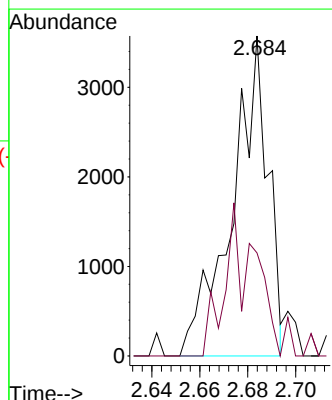
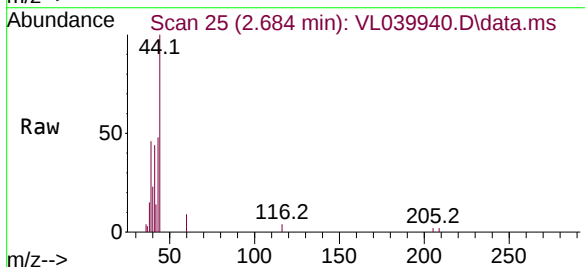
Instrument :
MSVOA_L
ClientSampleId :
QC112822 CAN 10311

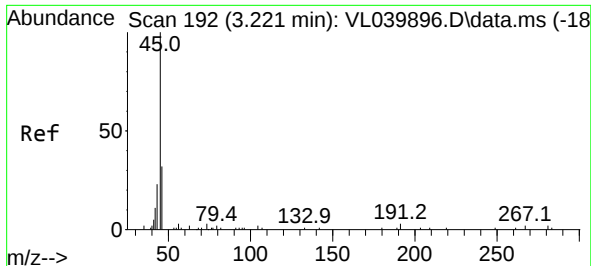
Tgt Ion: 49 Resp: 1327686
Ion Ratio Lower Upper
49 100
128 49.8 22.1 66.3
130 65.7 27.7 83.1



#9
Propene
Concen: 0.043 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.013 min
Lab File: VL039940.D
Acq: 1 Dec 2022 13:45

Tgt Ion: 41 Resp: 3720
Ion Ratio Lower Upper
41 100
42 41.8 55.8 83.6#

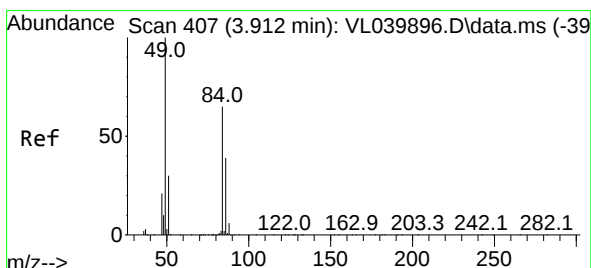
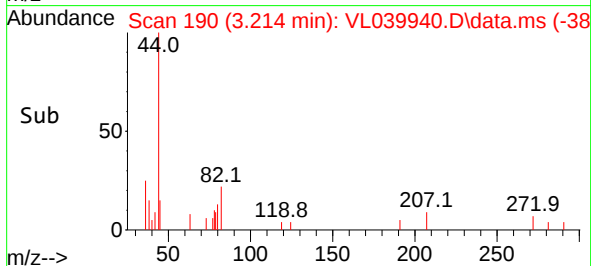
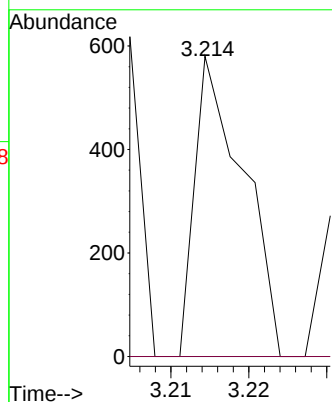
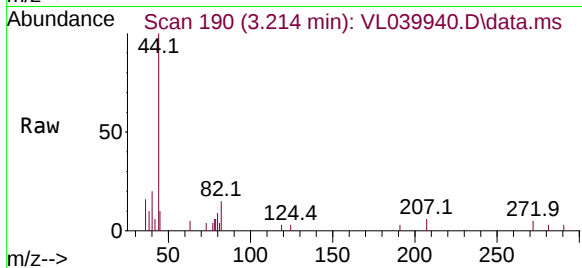




#13
 Ethanol
 Concen: 0.038 ppbv
 RT: 3.214 min Scan# 19
 Delta R.T. -0.013 min
 Lab File: VL039940.D
 Acq: 1 Dec 2022 13:45

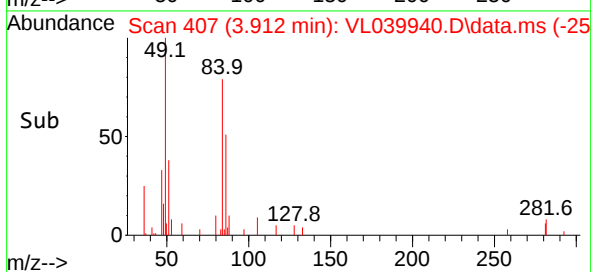
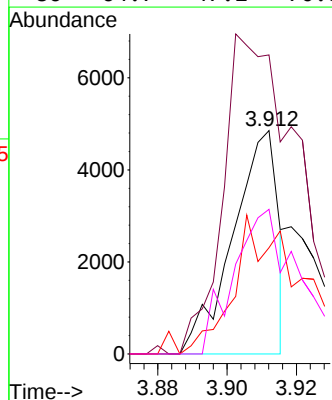
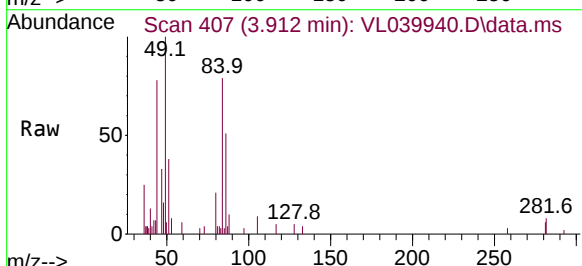
Instrument :
 MSVOA_L
 ClientSampleId :
 QC112822 CAN 10311

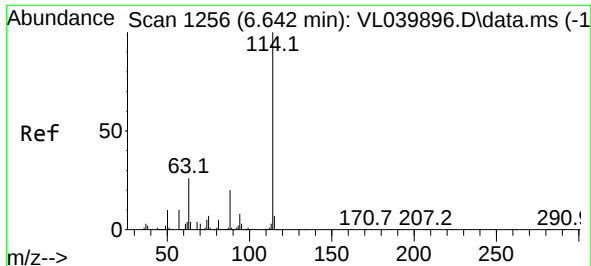
Tgt Ion: 45 Resp: 251
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.6 58.2#



#20
 Methylene Chloride
 Concen: 0.052 ppbv
 RT: 3.912 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: VL039940.D
 Acq: 1 Dec 2022 13:45

Tgt Ion: 84 Resp: 4413
 Ion Ratio Lower Upper
 84 100
 49 133.8 122.2 183.4
 51 47.6 36.3 54.5
 86 64.7 47.2 70.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039940.D

Acq: 1 Dec 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

QC112822 CAN 10311

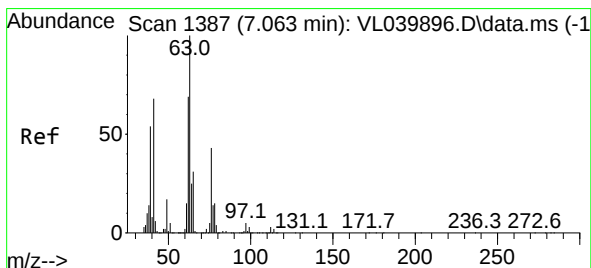
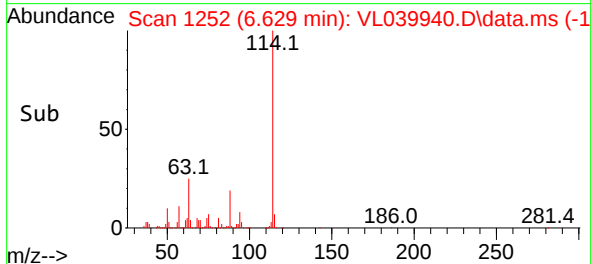
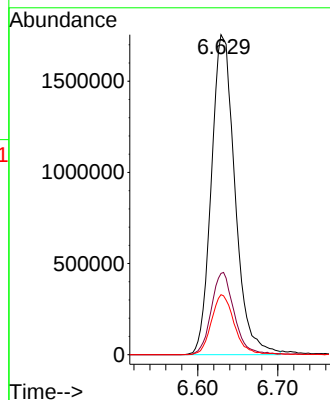
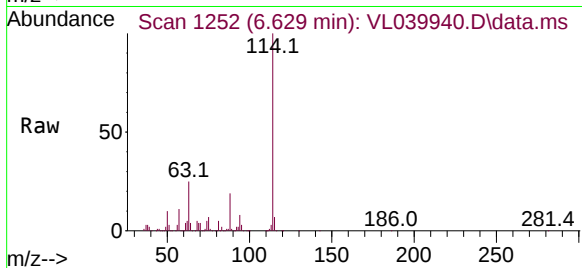
Tgt Ion:114 Resp: 3600373

Ion Ratio Lower Upper

114 100

63 25.3 21.4 32.0

88 18.3 15.3 22.9



#39

1,2-Dichloropropane

Concen: 7.476 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.424 min

Lab File: VL039940.D

Acq: 1 Dec 2022 13:45

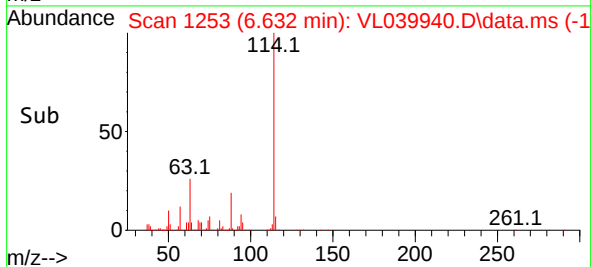
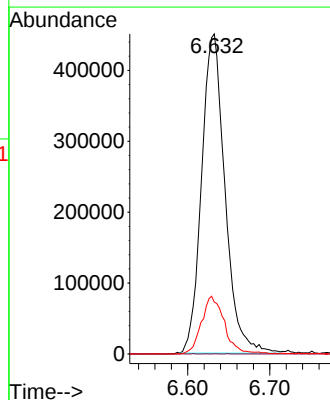
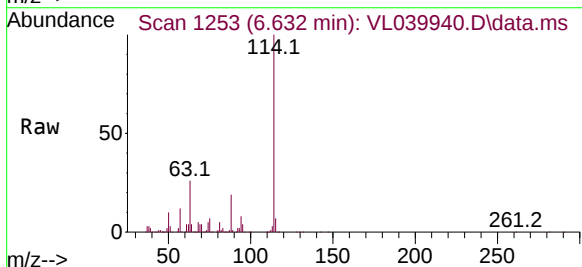
Tgt Ion: 63 Resp: 891324

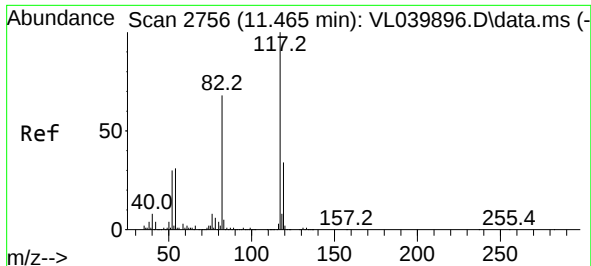
Ion Ratio Lower Upper

63 100

41 0.1 54.7 82.1#

62 16.3 55.0 82.6#

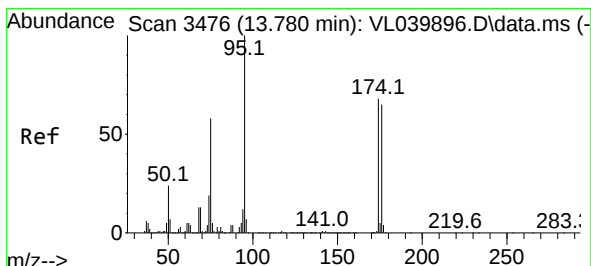
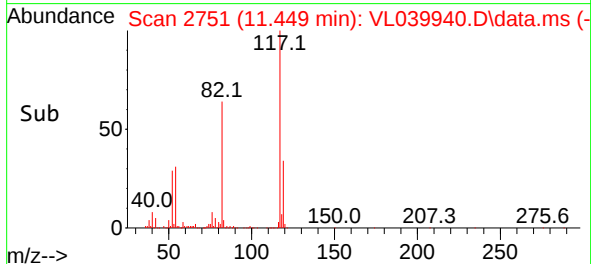
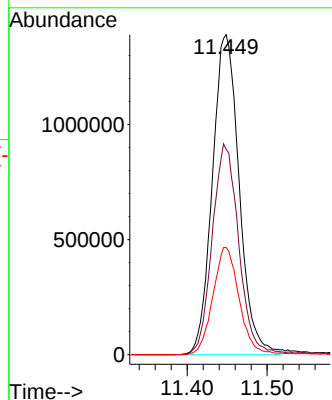
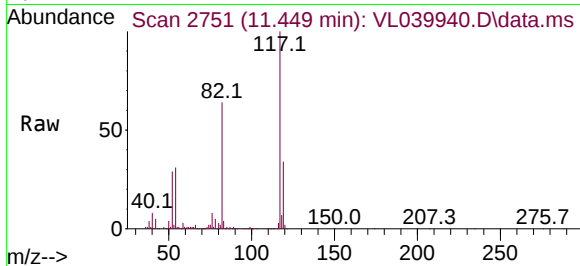




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039940.D
Acq: 1 Dec 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
QC112822 CAN 10311

Tgt Ion:117 Resp: 3234799
Ion Ratio Lower Upper
117 100
82 65.8 52.3 78.5
119 33.2 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.401 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VL039940.D
Acq: 1 Dec 2022 13:45

Tgt Ion: 95 Resp: 2569780
Ion Ratio Lower Upper
95 100
174 63.2 53.7 80.5
175 4.5 4.0 6.0

