

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039839.D
 Acq On : 7 Nov 2022 14:19
 Operator : SY/AP
 Sample : QC110322 CAN 10198
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110322 CAN 10198

Quant Time: Nov 08 06:13:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1043371	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	2569367	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2285800	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1852855	10.830	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.300%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	4444	0.069	ppbv	95
13) Ethanol	3.243	45	408	0.089	ppbv #	34
20) Methylene Chloride	3.951	84	8783	0.193	ppbv #	83
39) 1,2-Dichloropropane	6.652	63	658215	7.795	ppbv #	26

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

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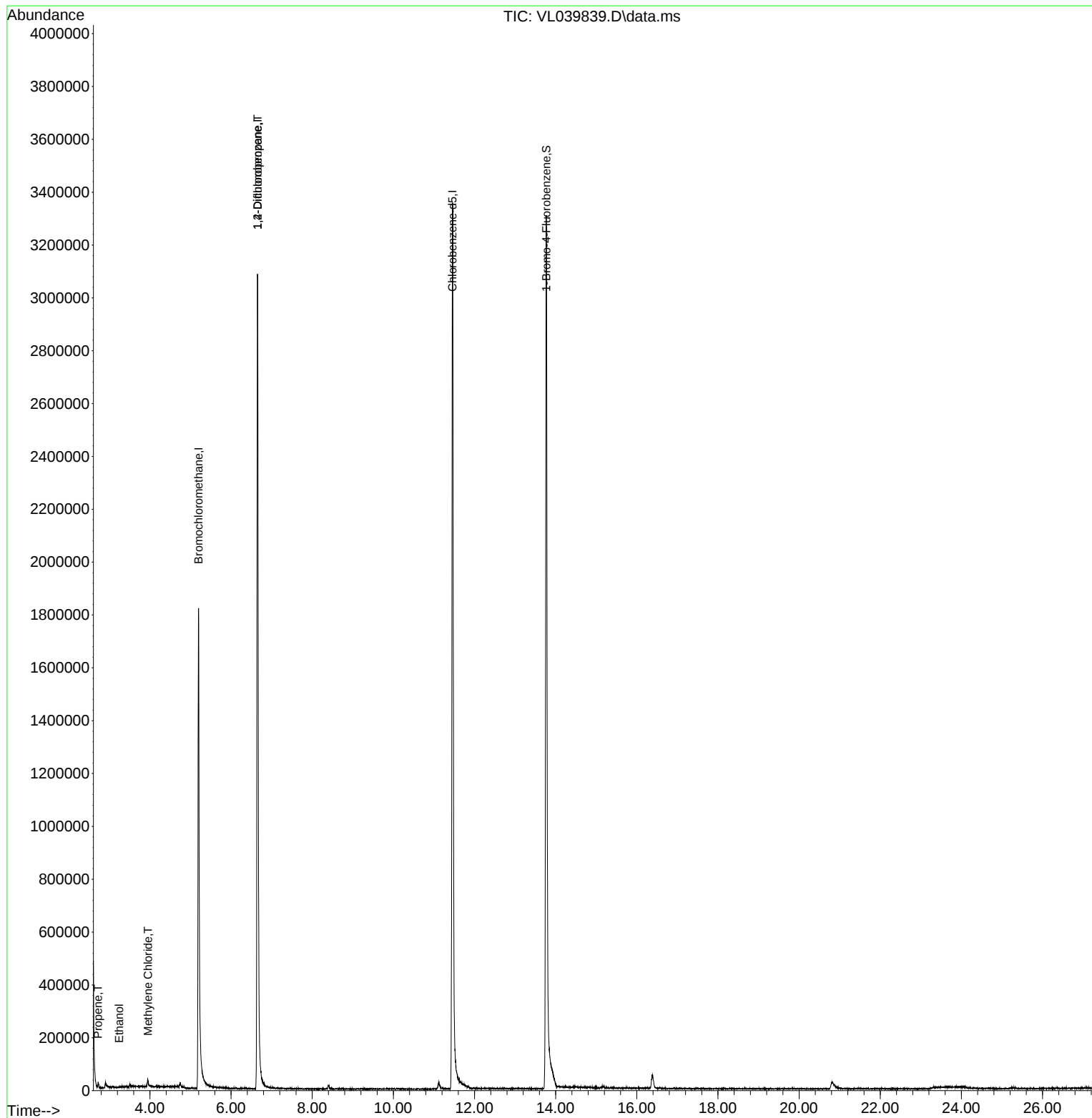
Quant Time: Nov 08 06:13:59 2022

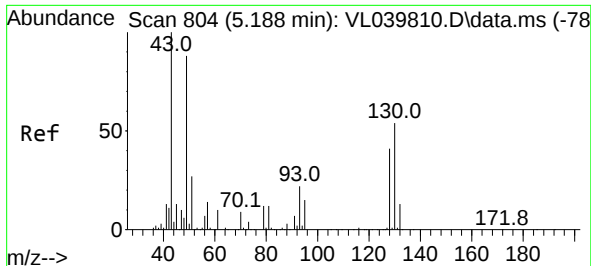
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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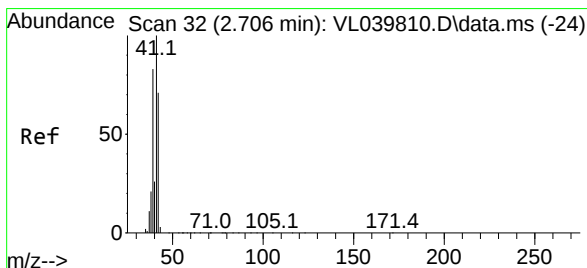
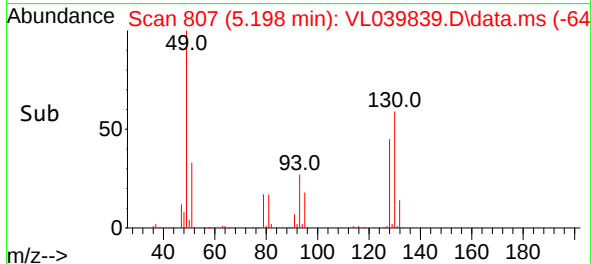
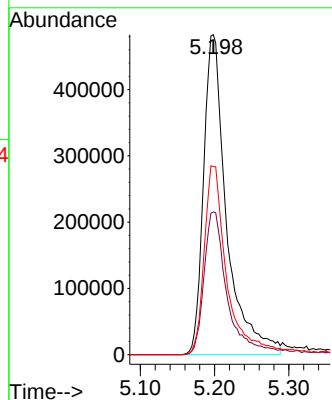
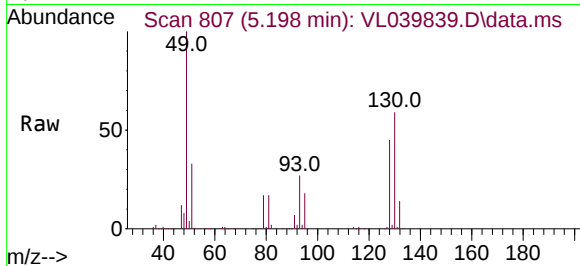




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

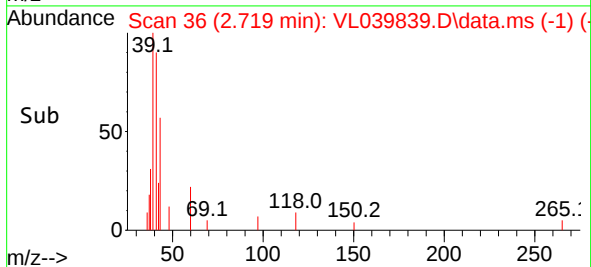
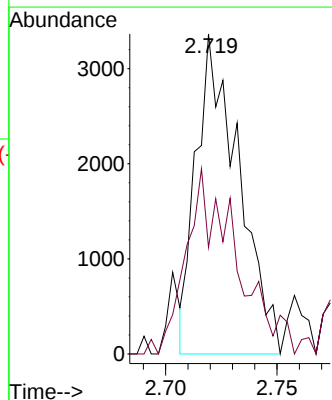
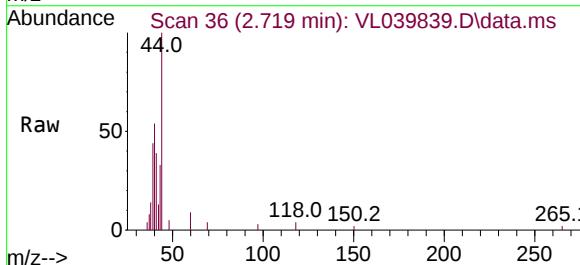
Instrument :
MSVOA_L
ClientSampleId :
QC110322 CAN 10198

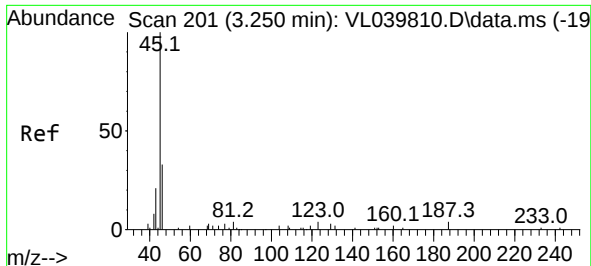
Tgt Ion: 49 Resp: 1043371
Ion Ratio Lower Upper
49 100
128 47.0 24.6 73.6
130 60.7 31.1 93.2



#9
Propene
Concen: 0.069 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.013 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

Tgt Ion: 41 Resp: 4444
Ion Ratio Lower Upper
41 100
42 74.3 56.3 84.5

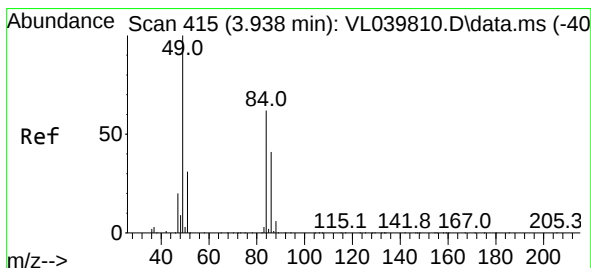
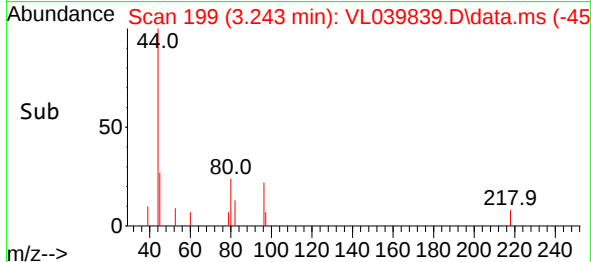
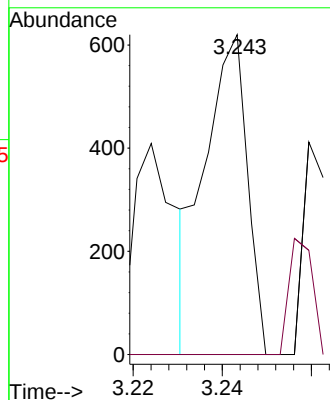
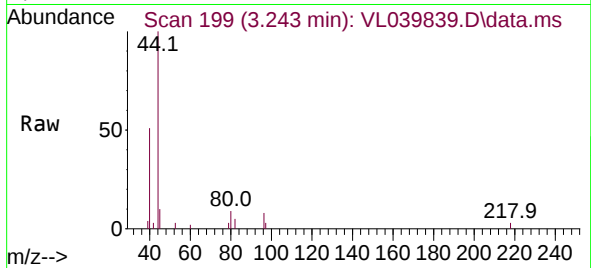




#13
Ethanol
Concen: 0.089 ppbv
RT: 3.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

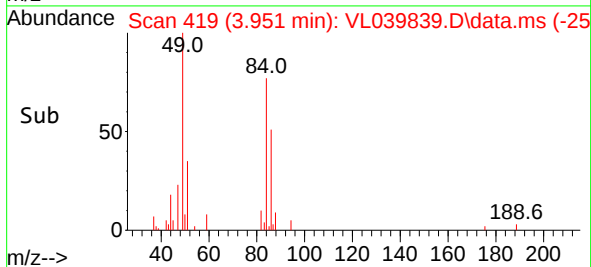
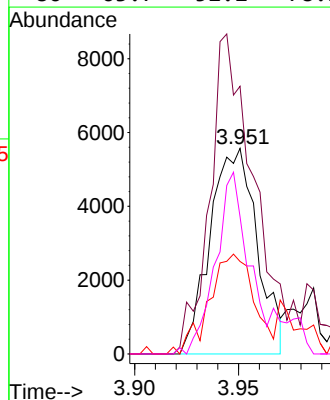
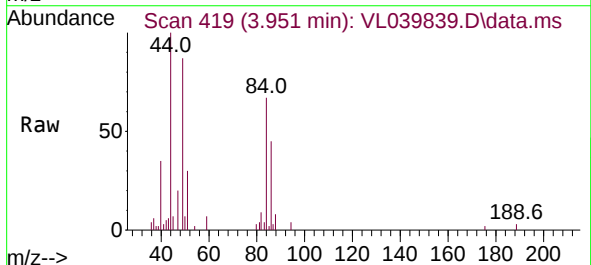
Instrument :
MSVOA_L
ClientSampleId :
QC110322 CAN 10198

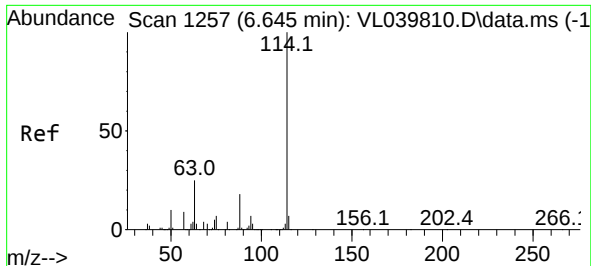
Tgt Ion: 45 Resp: 408
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#20
Methylene Chloride
Concen: 0.193 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.013 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

Tgt Ion: 84 Resp: 8783
Ion Ratio Lower Upper
84 100
49 126.8 128.6 192.8#
51 44.9 40.2 60.4
86 63.7 52.2 78.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.007 min

Lab File: VL039839.D

Acq: 7 Nov 2022 14:19

Instrument :

MSVOA_L

ClientSampleId :

QC110322 CAN 10198

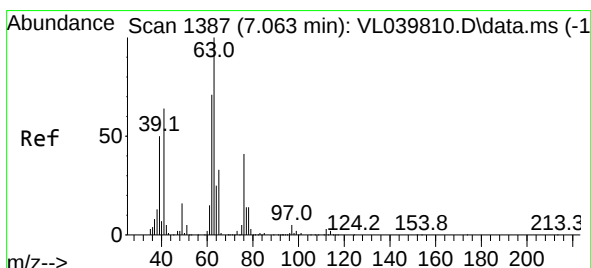
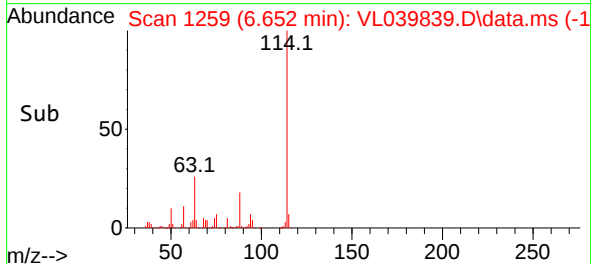
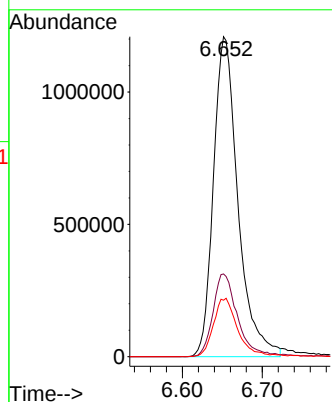
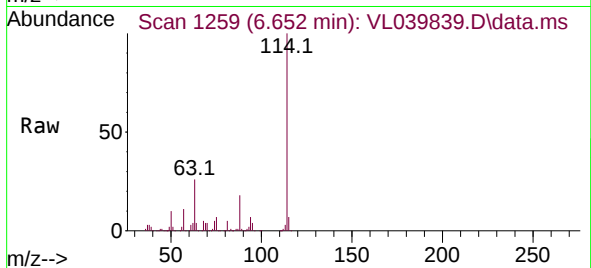
Tgt Ion:114 Resp: 2569367

Ion Ratio Lower Upper

114 100

63 26.7 19.8 29.6

88 18.7 14.4 21.6



#39

1,2-Dichloropropane

Concen: 7.795 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.411 min

Lab File: VL039839.D

Acq: 7 Nov 2022 14:19

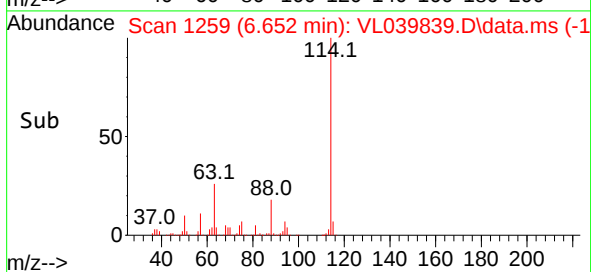
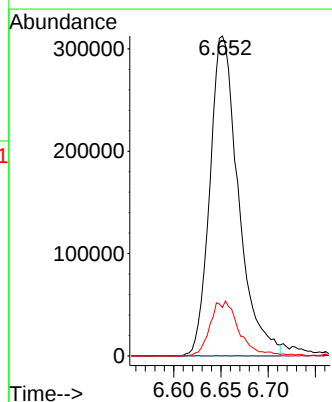
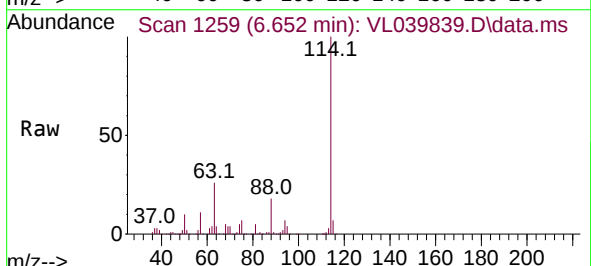
Tgt Ion: 63 Resp: 658215

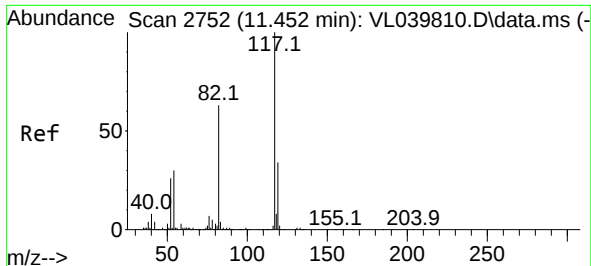
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 15.2 56.6 85.0#

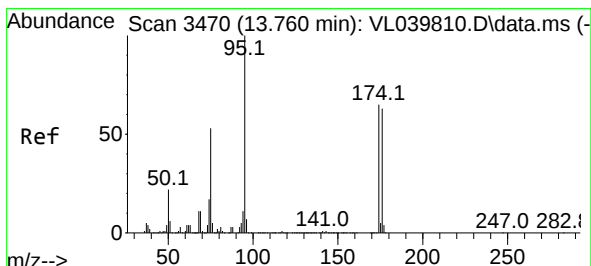
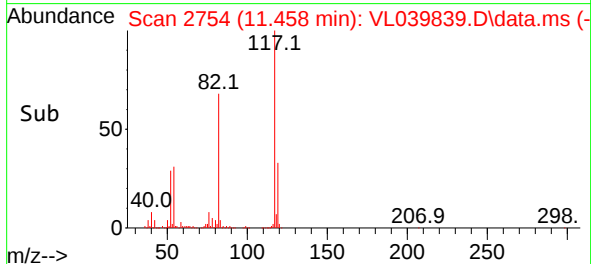
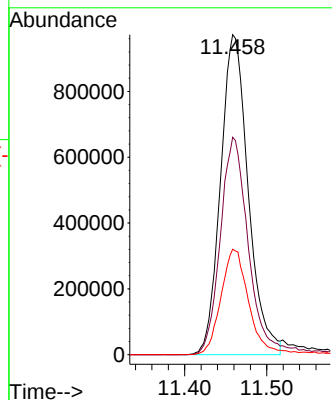
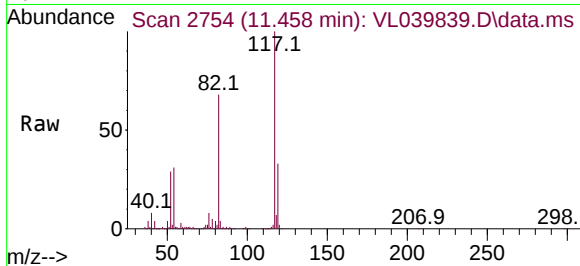




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

Instrument :
MSVOA_1
ClientSampleId :
QC110322 CAN 10198

Tgt Ion:117 Resp: 2285800
Ion Ratio Lower Upper
117 100
82 70.7 51.0 76.6
119 34.1 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.830 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.007 min
Lab File: VL039839.D
Acq: 7 Nov 2022 14:19

Tgt Ion: 95 Resp: 1852855
Ion Ratio Lower Upper
95 100
174 64.5 53.4 80.0
175 4.6 4.1 6.1

