

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040377.D
 Acq On : 19 Apr 2023 13:11
 Operator : SY/MD
 Sample : QC041323 CAN 10401
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC041323 CAN 10401

Quant Time: Apr 20 05:09:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

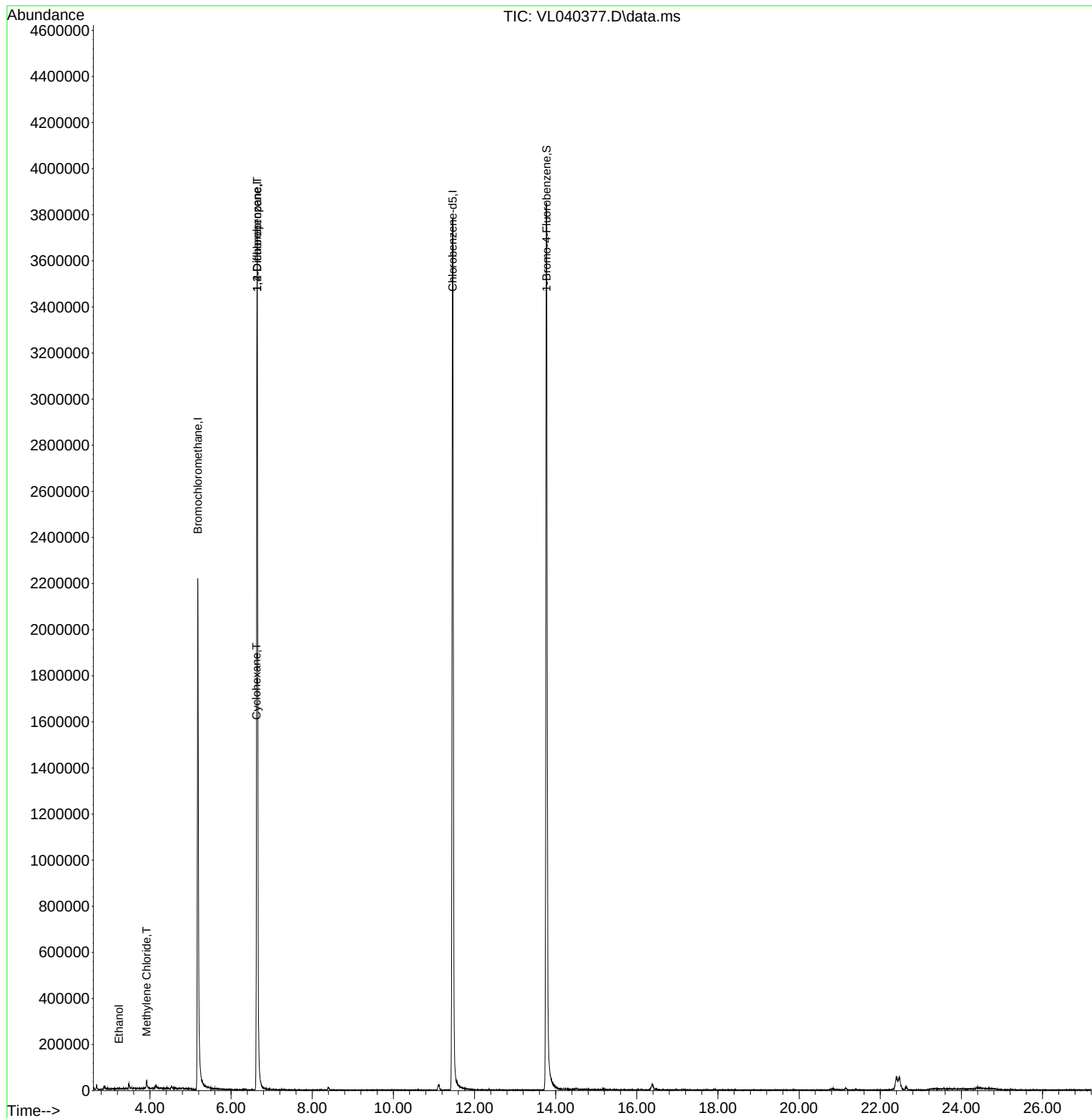
Internal Standards						
1) Bromochloromethane	5.179	49	1106236	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2768686	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2399614	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1952334	9.839	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.237	45	318	0.067	ppbv #	1
20) Methylene Chloride	3.918	84	10519	0.168	ppbv #	90
30) Cyclohexane	6.626	84	3078	0.036	ppbv #	1
39) 1,2-Dichloropropane	6.642	63	703817	7.919	ppbv #	24

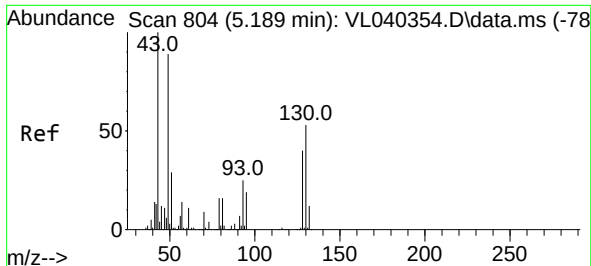
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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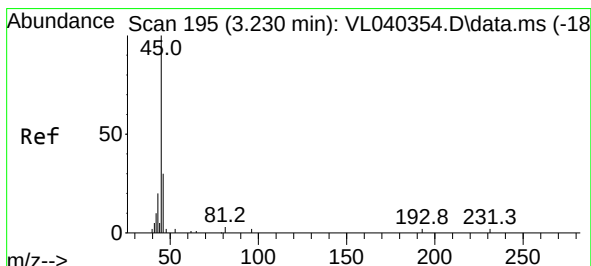
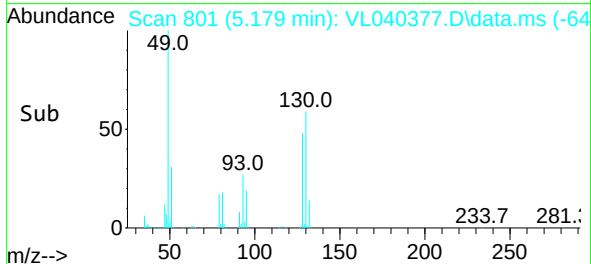
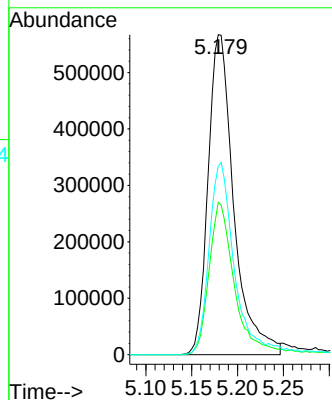
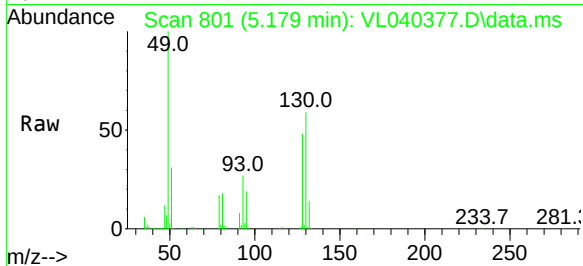




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

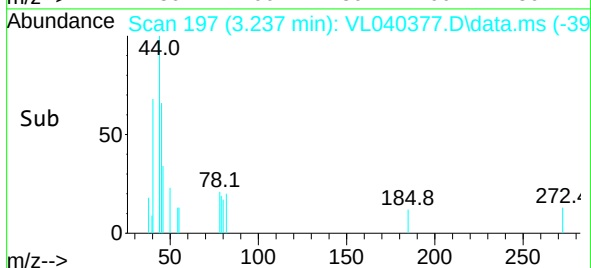
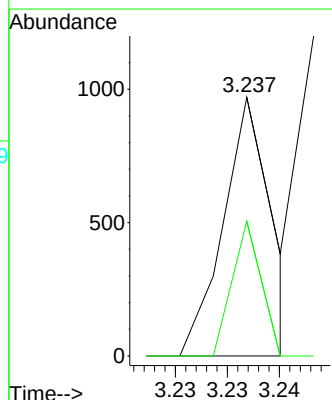
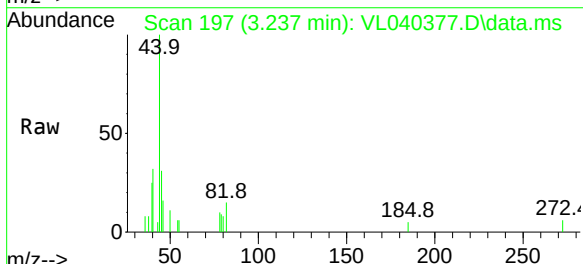
Instrument :
MSVOA_L
ClientSampleId :
QC041323 CAN 10401

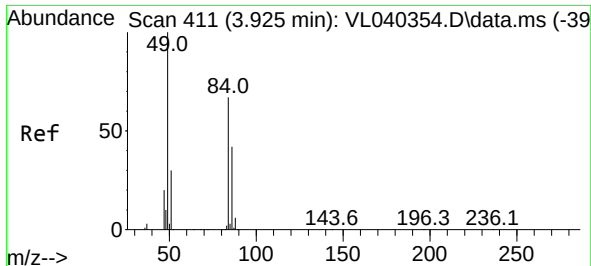
Tgt Ion: 49 Resp: 1106236
Ion Ratio Lower Upper
49 100
128 48.5 23.7 71.1
130 61.5 29.9 89.8



#13
Ethanol
Concen: 0.067 ppbv
RT: 3.237 min Scan# 197
Delta R.T. 0.007 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

Tgt Ion: 45 Resp: 318
Ion Ratio Lower Upper
45 100
46 140.6 15.3 61.3#

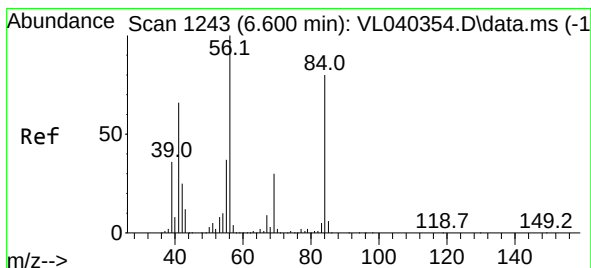
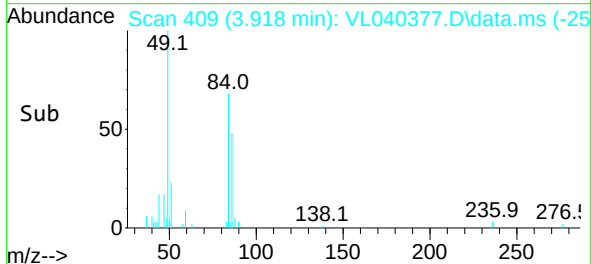
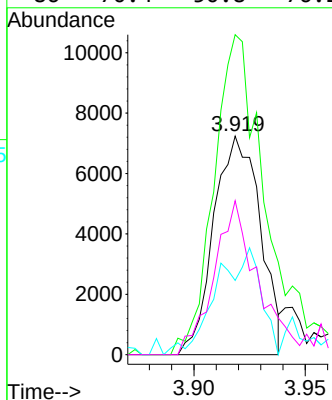
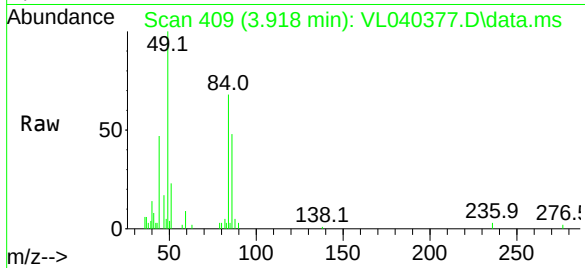




#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

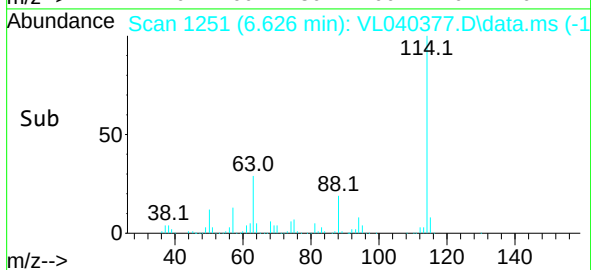
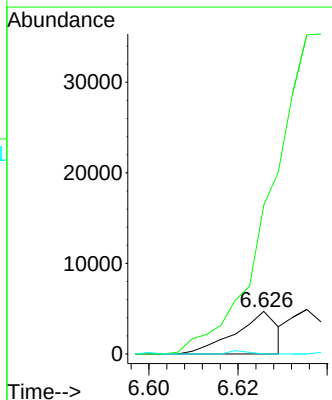
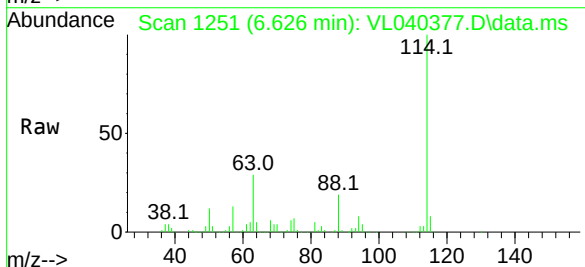
Instrument :
MSVOA_1
ClientSampleId :
QC041323 CAN 10401

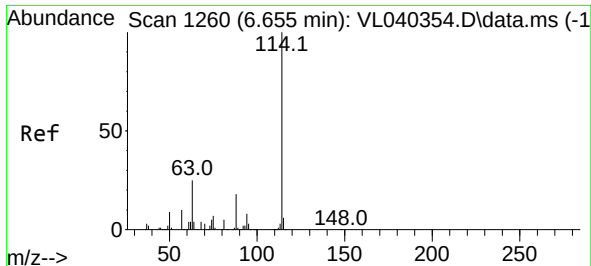
Tgt Ion: 84 Resp: 10519
Ion Ratio Lower Upper
84 100
49 138.9 120.1 180.1
51 34.0 36.3 54.5#
86 70.4 50.8 76.2



#30
Cyclohexane
Concen: 0.036 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.026 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

Tgt Ion: 84 Resp: 3078
Ion Ratio Lower Upper
84 100
56 0.0 107.0 160.6#
41 5.4 66.7 100.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040377.D

Acq: 19 Apr 2023 13:11

Instrument :

MSVOA_L

ClientSampleId :

QC041323 CAN 10401

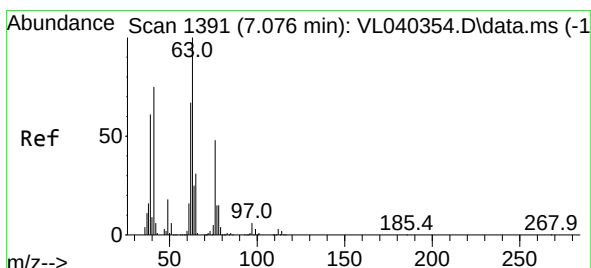
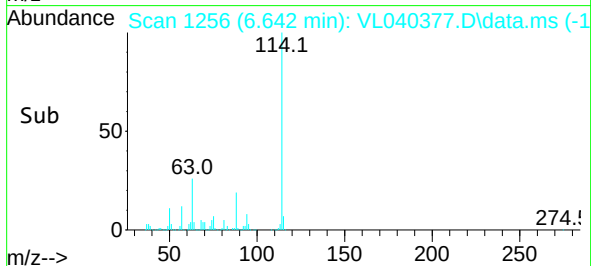
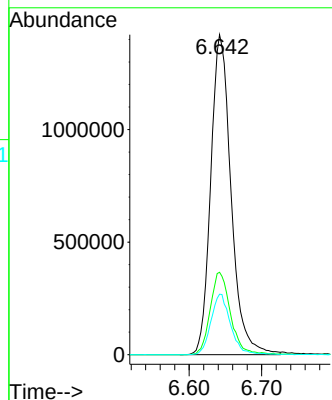
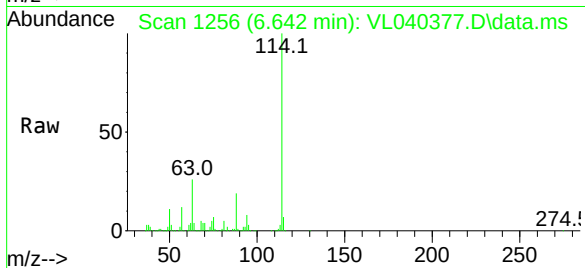
Tgt Ion:114 Resp: 2768686

Ion Ratio Lower Upper

114 100

63 26.0 21.4 32.0

88 18.4 14.6 22.0



#39

1,2-Dichloropropane

Concen: 7.919 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.434 min

Lab File: VL040377.D

Acq: 19 Apr 2023 13:11

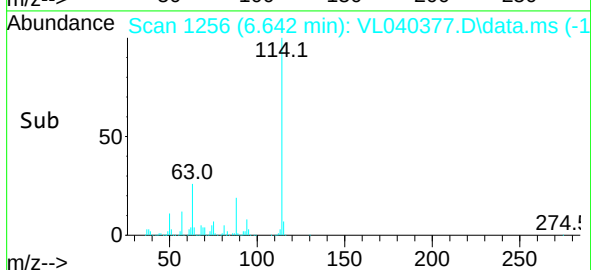
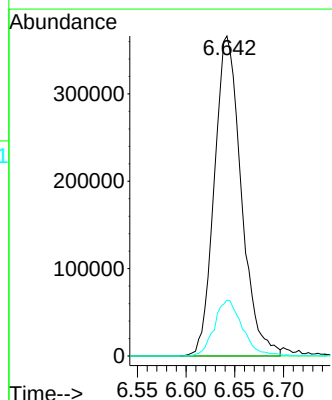
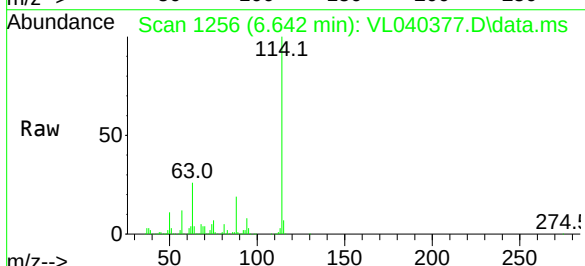
Tgt Ion: 63 Resp: 703817

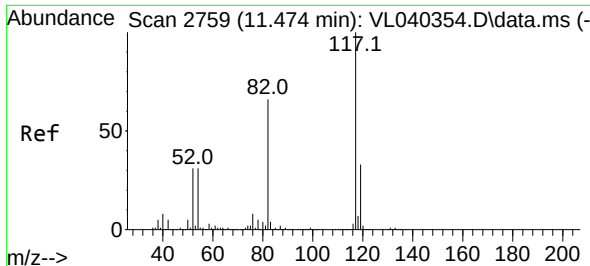
Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.4 53.9 80.9#

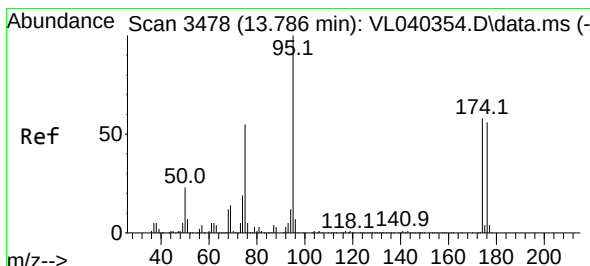
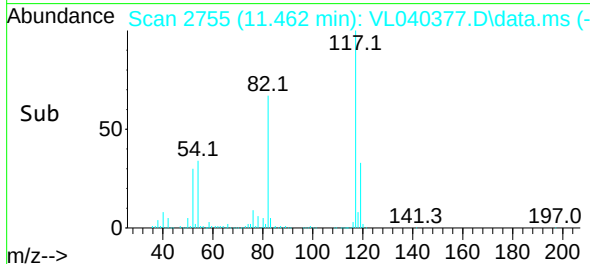
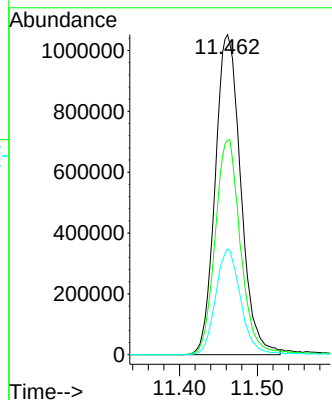
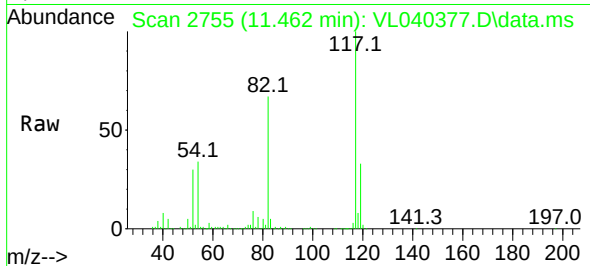




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

Instrument :
MSVOA_1
ClientSampleId :
QC041323 CAN 10401

Tgt Ion:117 Resp: 2399614
Ion Ratio Lower Upper
117 100
82 67.7 52.5 78.7
119 32.9 24.3 36.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.839 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040377.D
Acq: 19 Apr 2023 13:11

Tgt Ion: 95 Resp: 1952334
Ion Ratio Lower Upper
95 100
174 59.4 47.2 70.8
175 4.1 3.5 5.3

