

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040089.D
 Acq On : 10 Jan 2023 9:36
 Operator : SY/MD
 Sample : QC122922 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122922 CAN 10609

Quant Time: Jan 11 01:10:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

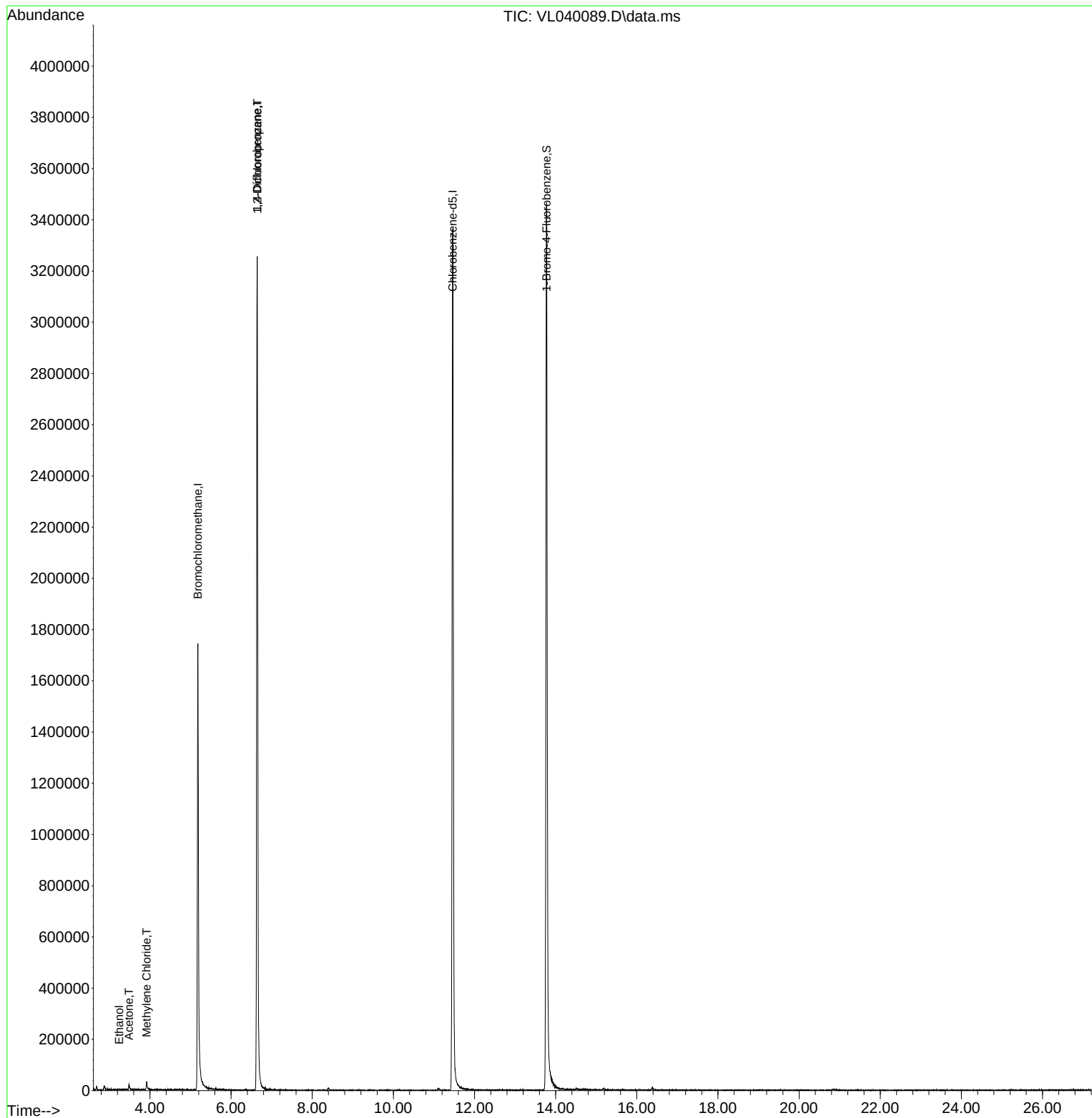
Internal Standards						
1) Bromochloromethane	5.182	49	903717	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2361676	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2098149	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1733603	10.817	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.243	45	755	0.142	ppbv #	40
15) Acetone	3.481	43	19592	0.140	ppbv #	82
20) Methylene Chloride	3.918	84	8330	0.140	ppbv #	67
39) 1,2-Dichloropropane	6.645	63	615191	7.781	ppbv #	24

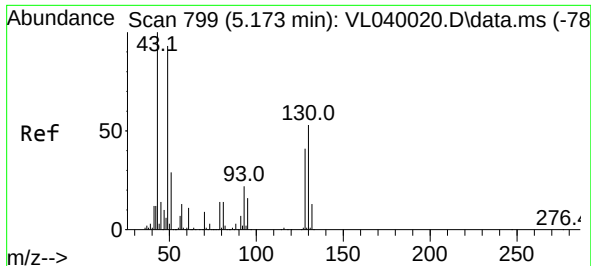
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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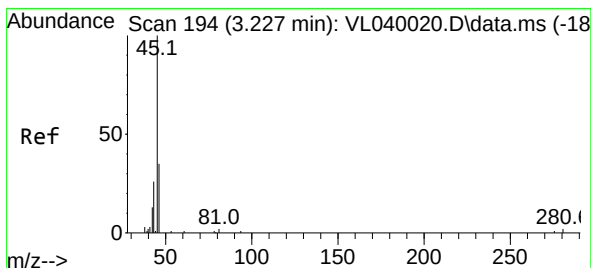
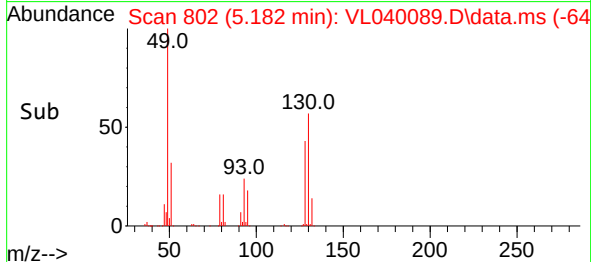
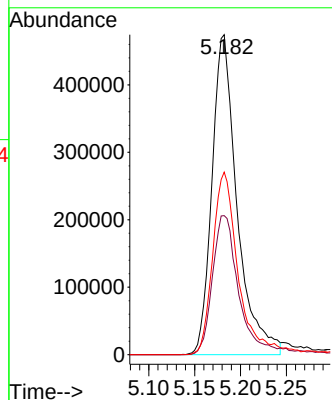
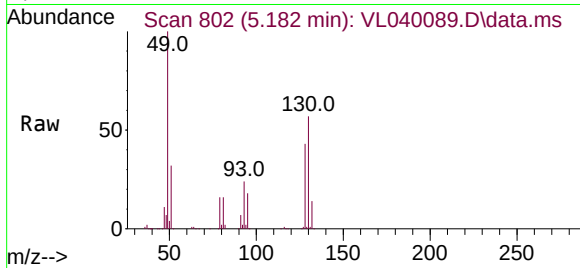




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040089.D
Acq: 10 Jan 2023 9:36

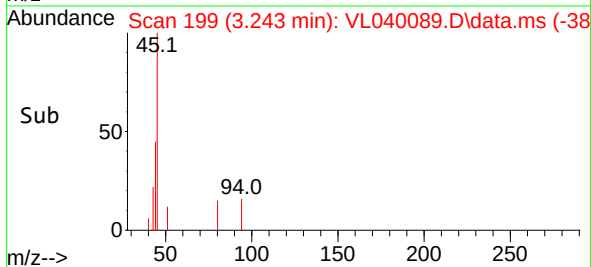
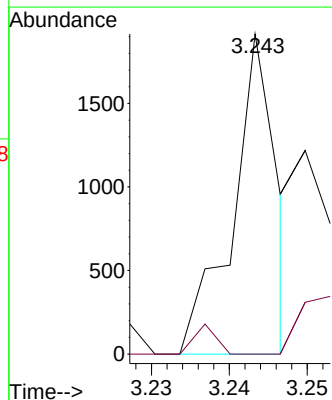
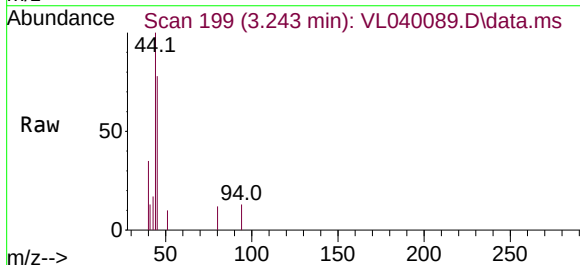
Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

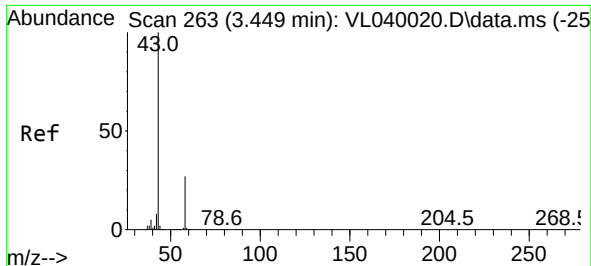
Tgt Ion: 49 Resp: 903717
Ion Ratio Lower Upper
49 100
128 47.1 22.4 67.3
130 60.1 28.9 86.8



#13
Ethanol
Concen: 0.142 ppbv
RT: 3.243 min Scan# 199
Delta R.T. 0.016 min
Lab File: VL040089.D
Acq: 10 Jan 2023 9:36

Tgt Ion: 45 Resp: 755
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#





#15

Acetone

Concen: 0.140 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL040089.D

Acq: 10 Jan 2023 9:36

Instrument :

MSVOA_L

ClientSampleId :

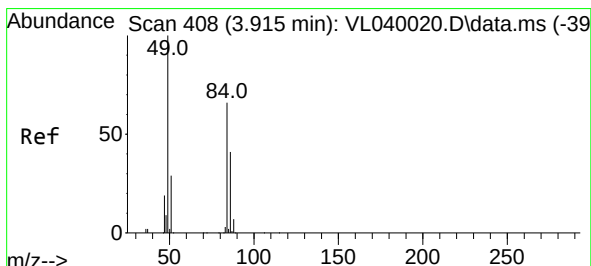
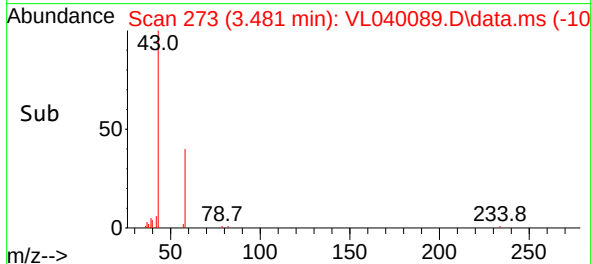
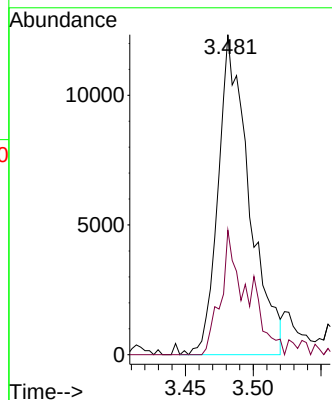
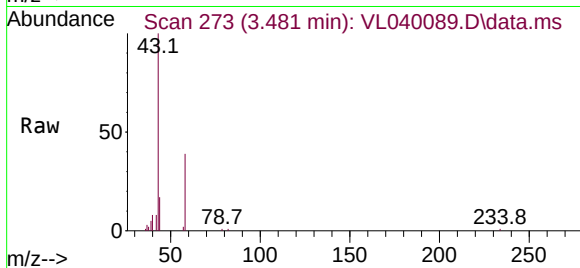
QC122922 CAN 10609

Tgt Ion: 43 Resp: 19592

Ion Ratio Lower Upper

43 100

58 36.5 21.8 32.8#



#20

Methylene Chloride

Concen: 0.140 ppbv

RT: 3.918 min Scan# 409

Delta R.T. -0.003 min

Lab File: VL040089.D

Acq: 10 Jan 2023 9:36

Tgt Ion: 84 Resp: 8330

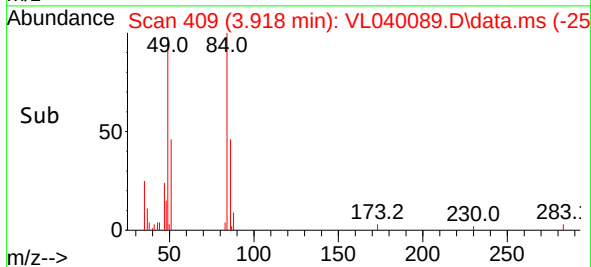
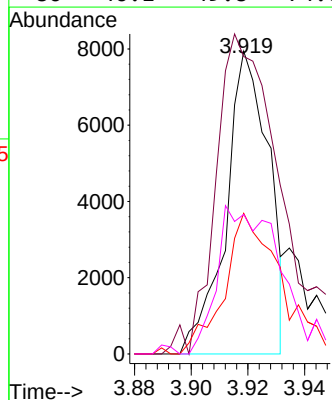
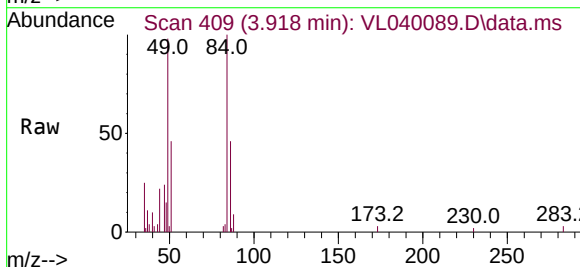
Ion Ratio Lower Upper

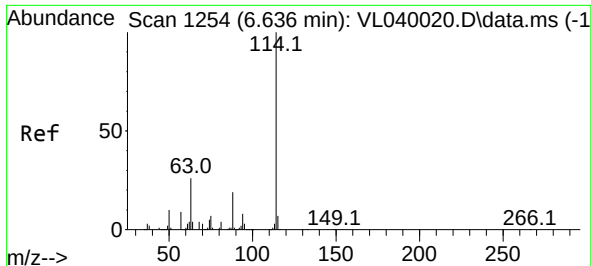
84 100

49 92.1 120.5 180.7#

51 46.4 35.2 52.8

86 46.1 49.8 74.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040089.D

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Instrument :

MSVOA_L

ClientSampleId :

QC122922 CAN 10609

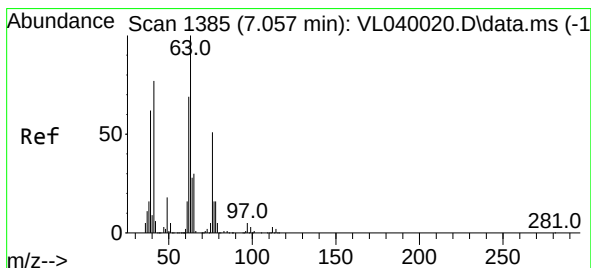
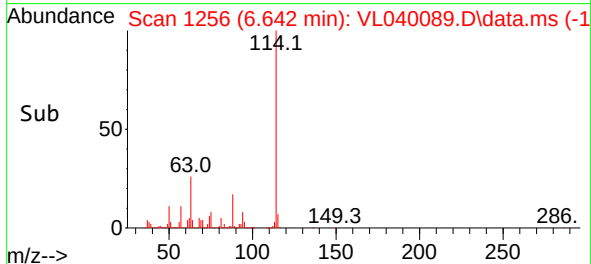
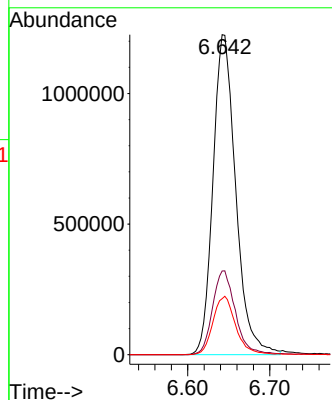
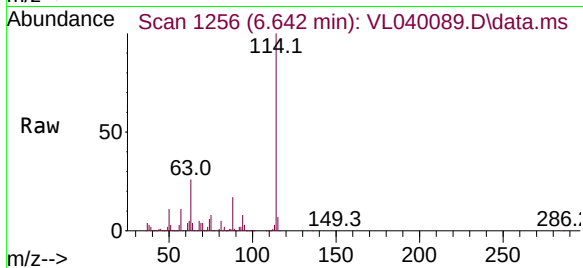
Tgt Ion:114 Resp: 2361676

Ion Ratio Lower Upper

114 100

63 26.6 20.2 30.2

88 18.4 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.781 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.431 min

Lab File: VL040089.D

Acq: 10 Jan 2023 9:36

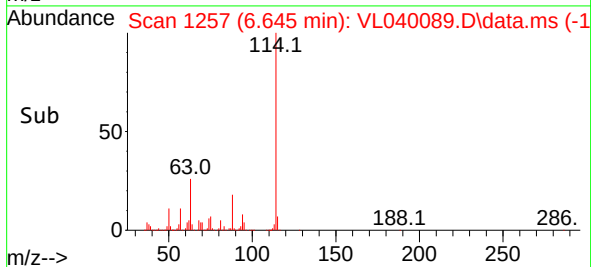
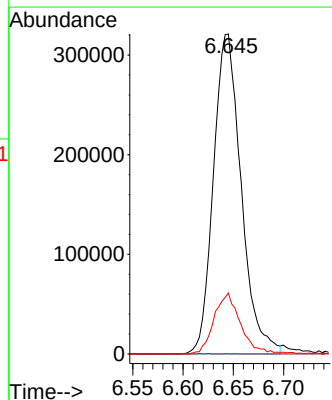
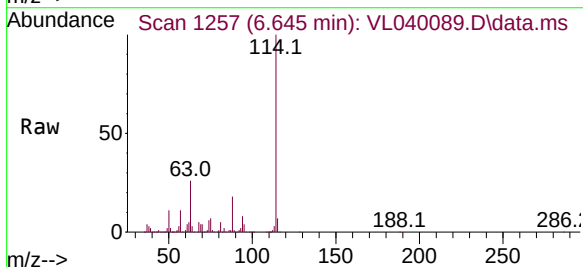
Tgt Ion: 63 Resp: 615191

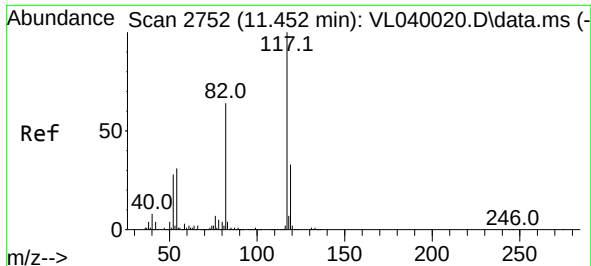
Ion Ratio Lower Upper

63 100

41 0.1 61.4 92.0#

62 19.1 55.4 83.2#

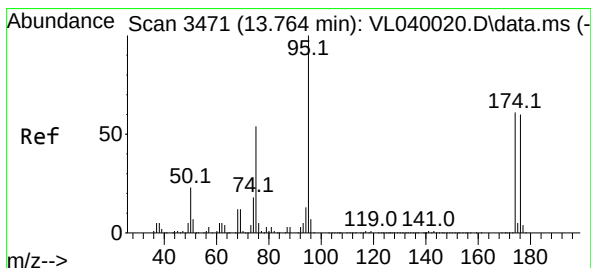
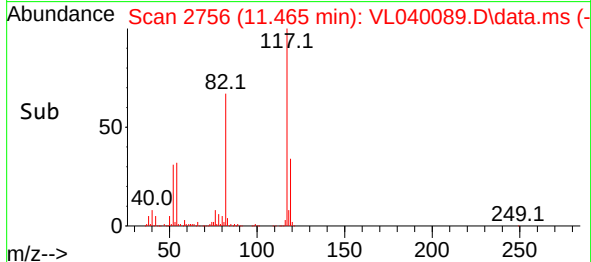
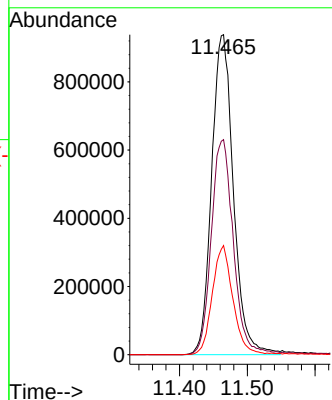
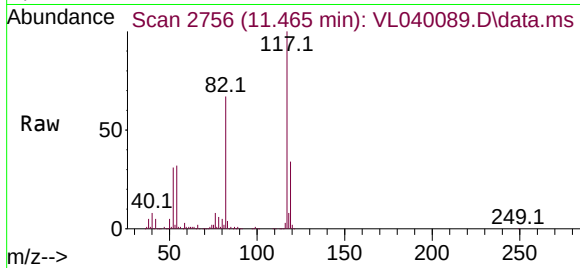




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040089.D
Acq: 10 Jan 2023 9:36

Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609

Tgt Ion:117 Resp: 2098149
Ion Ratio Lower Upper
117 100
82 68.9 51.2 76.8
119 32.8 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.817 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040089.D
Acq: 10 Jan 2023 9:36

Tgt Ion: 95 Resp: 1733603
Ion Ratio Lower Upper
95 100
174 59.6 48.6 73.0
175 4.2 3.4 5.2

