

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040217.D
 Acq On : 23 Feb 2023 11:10
 Operator : SY/MD
 Sample : VL0223ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABL01

Quant Time: Feb 24 00:46:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 24 00:45:34 2023
 Response via : Initial Calibration

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

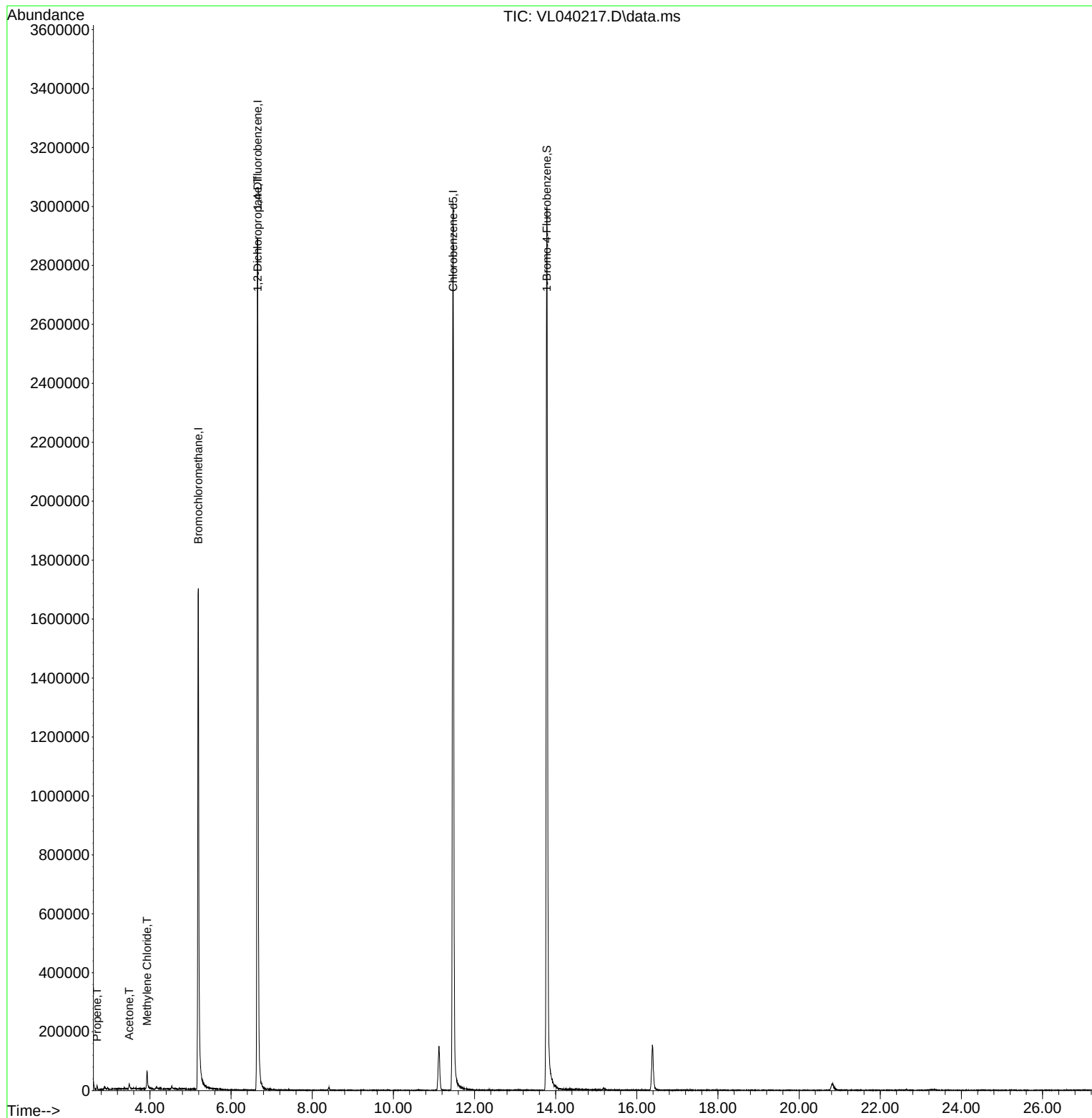
Internal Standards						
1) Bromochloromethane	5.192	49	830784	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2209058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	1938830	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1569123	9.842	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
9) Propene	2.694	41	2129	0.053	ppbv	87
15) Acetone	3.488	43	14701	0.147	ppbv #	77
20) Methylene Chloride	3.928	84	20069	0.385	ppbv	92
39) 1,2-Dichloropropane	6.652	63	560516	8.381	ppbv #	25

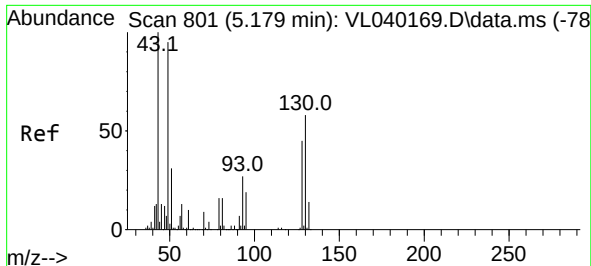
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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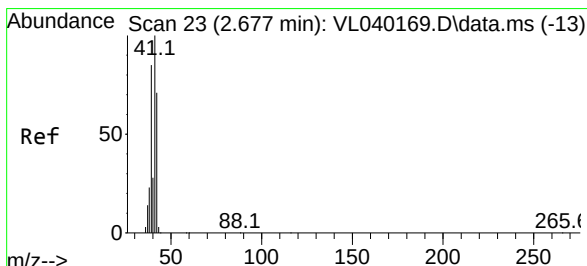
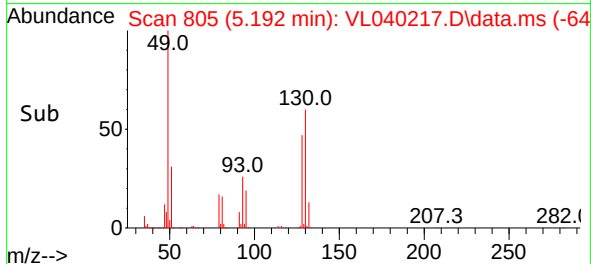
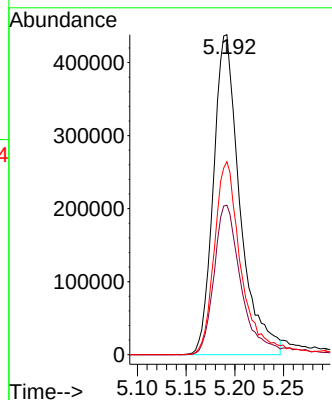
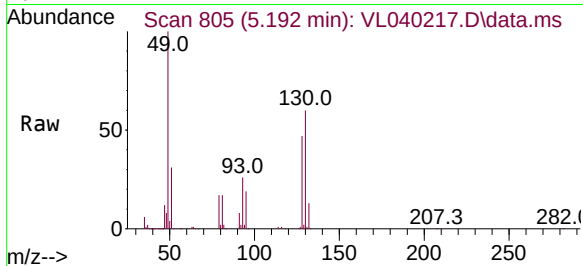




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040217.D
Acq: 23 Feb 2023 11:10

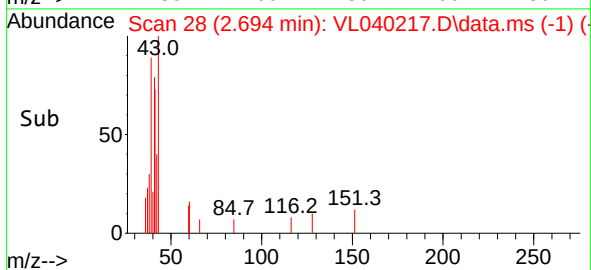
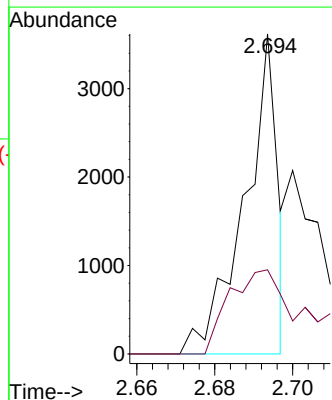
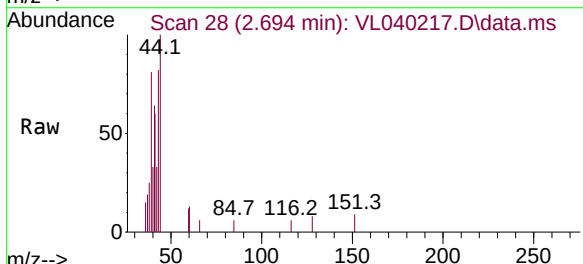
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABL01

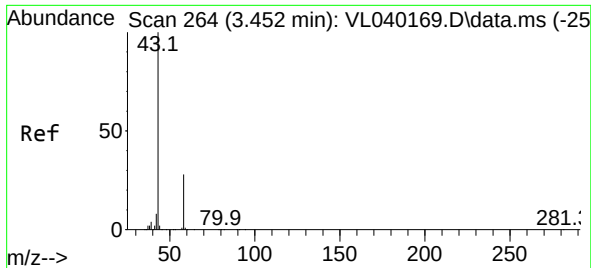
Tgt Ion: 49 Resp: 830784
Ion Ratio Lower Upper
49 100
128 51.0 24.1 72.3
130 63.3 30.9 92.8



#9
Propene
Concen: 0.053 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.010 min
Lab File: VL040217.D
Acq: 23 Feb 2023 11:10

Tgt Ion: 41 Resp: 2129
Ion Ratio Lower Upper
41 100
42 60.1 56.9 85.3





#15

Acetone

Concen: 0.147 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL040217.D

Acq: 23 Feb 2023 11:10

Instrument :

MSVOA_L

ClientSampleId :

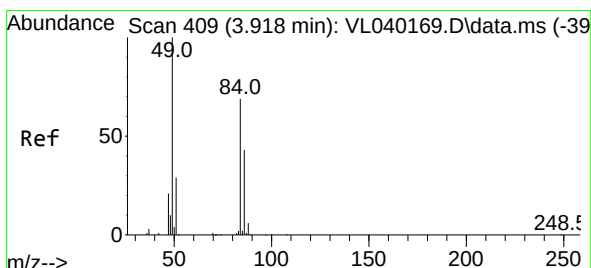
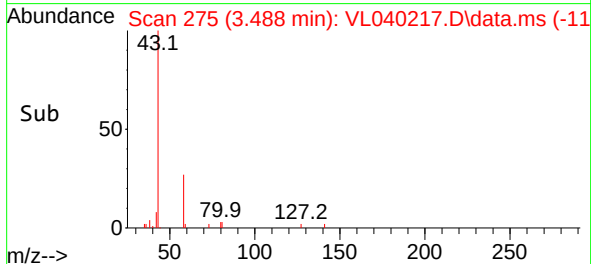
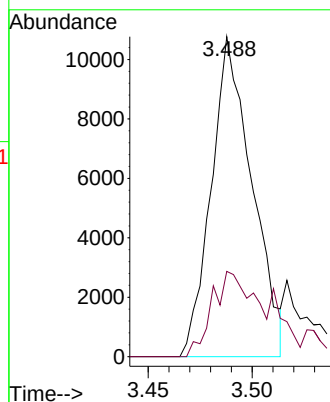
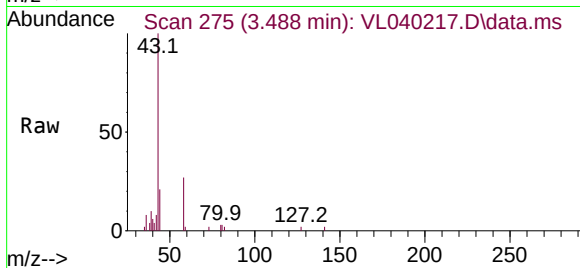
VL0223ABL01

Tgt Ion: 43 Resp: 14701

Ion Ratio Lower Upper

43 100

58 40.0 22.4 33.6#



#20

Methylene Chloride

Concen: 0.385 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040217.D

Acq: 23 Feb 2023 11:10

Tgt Ion: 84 Resp: 20069

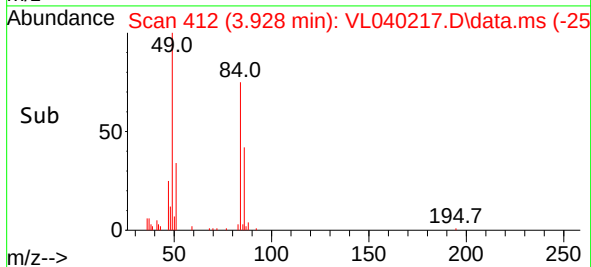
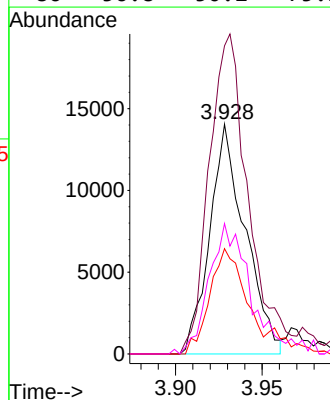
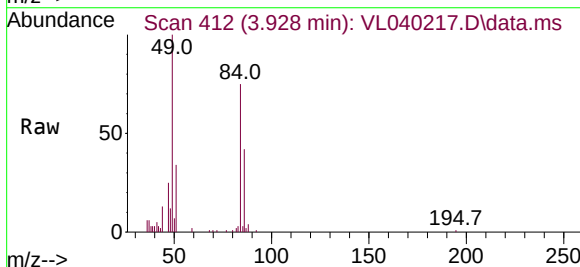
Ion Ratio Lower Upper

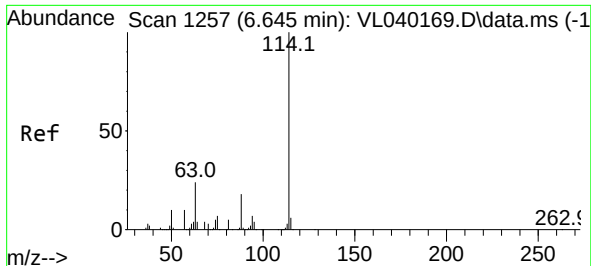
84 100

49 134.2 115.5 173.3

51 45.8 33.1 49.7

86 56.8 50.2 75.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040217.D

Acq: 23 Feb 2023 11:10

Instrument :

MSVOA_L

ClientSampleId :

VL0223ABL01

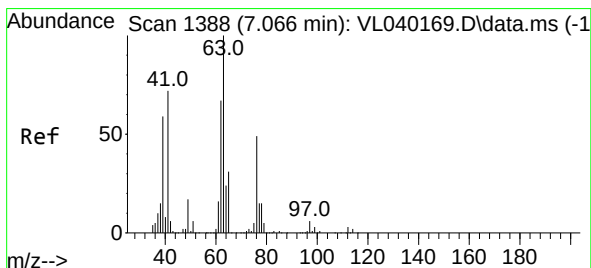
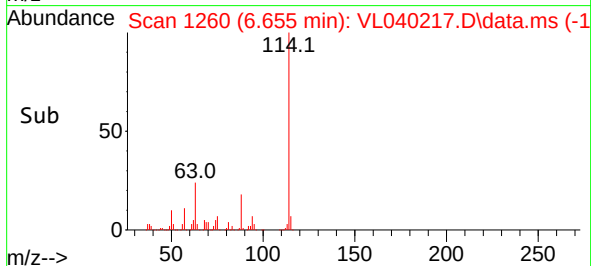
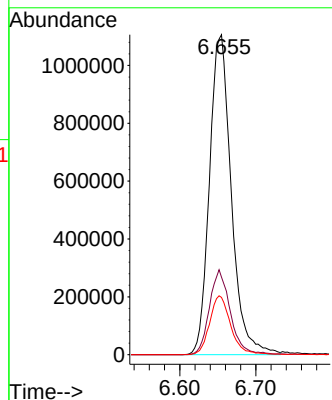
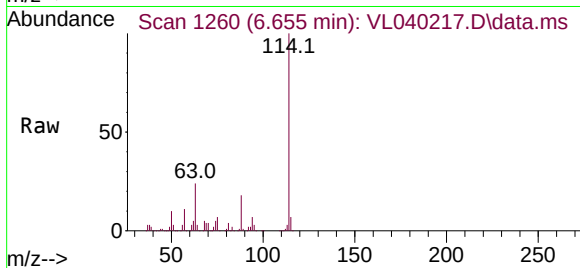
Tgt Ion:114 Resp: 2209058

Ion Ratio Lower Upper

114 100

63 25.6 20.4 30.6

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.381 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.424 min

Lab File: VL040217.D

Acq: 23 Feb 2023 11:10

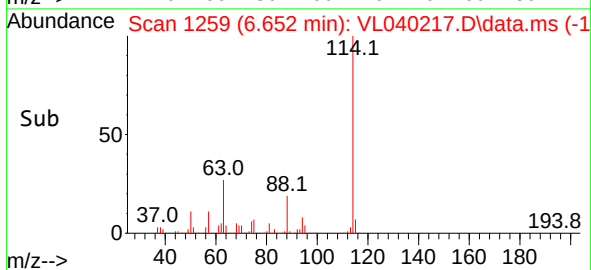
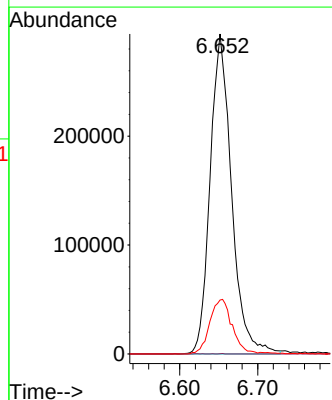
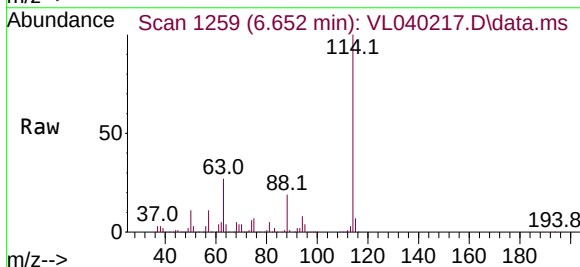
Tgt Ion: 63 Resp: 560516

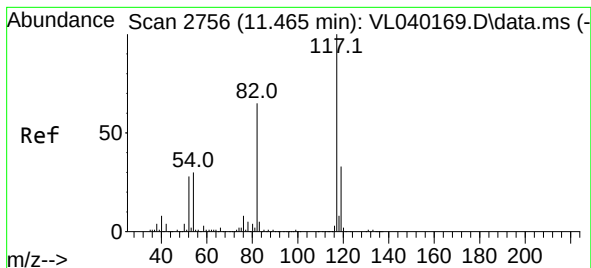
Ion Ratio Lower Upper

63 100

41 0.1 57.6 86.4#

62 16.9 54.0 81.0#

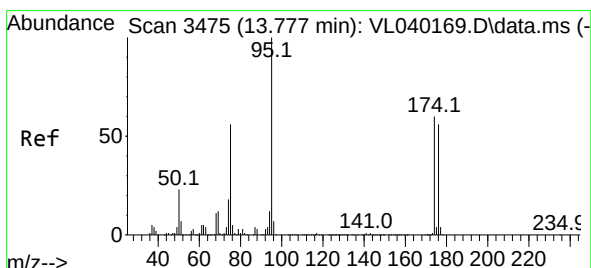
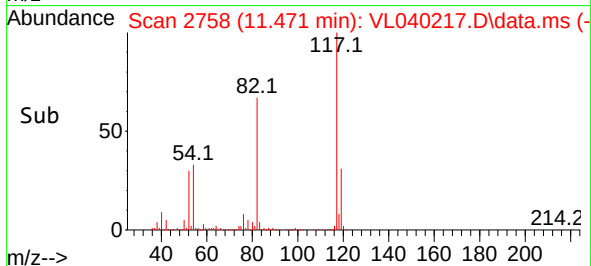
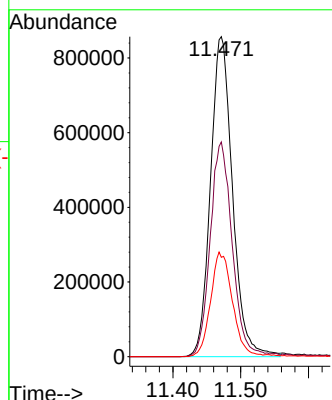
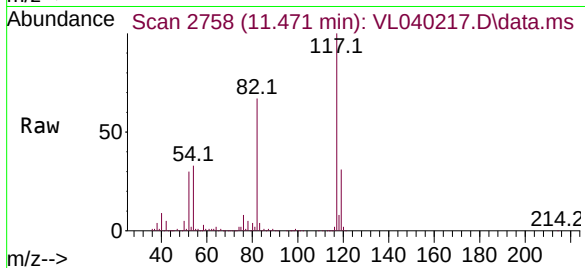




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040217.D
Acq: 23 Feb 2023 11:10

Instrument :
MSVOA_1
ClientSampleId :
VL0223ABL01

Tgt Ion:117 Resp: 1938830
Ion Ratio Lower Upper
117 100
82 68.5 53.3 79.9
119 33.0 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.842 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VL040217.D
Acq: 23 Feb 2023 11:10

Tgt Ion: 95 Resp: 1569123
Ion Ratio Lower Upper
95 100
174 59.3 48.2 72.2
175 4.2 3.4 5.2

