

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040142.D
 Acq On : 6 Feb 2023 11:58
 Operator : SY/MD
 Sample : VL0206ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 07 05:53:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

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

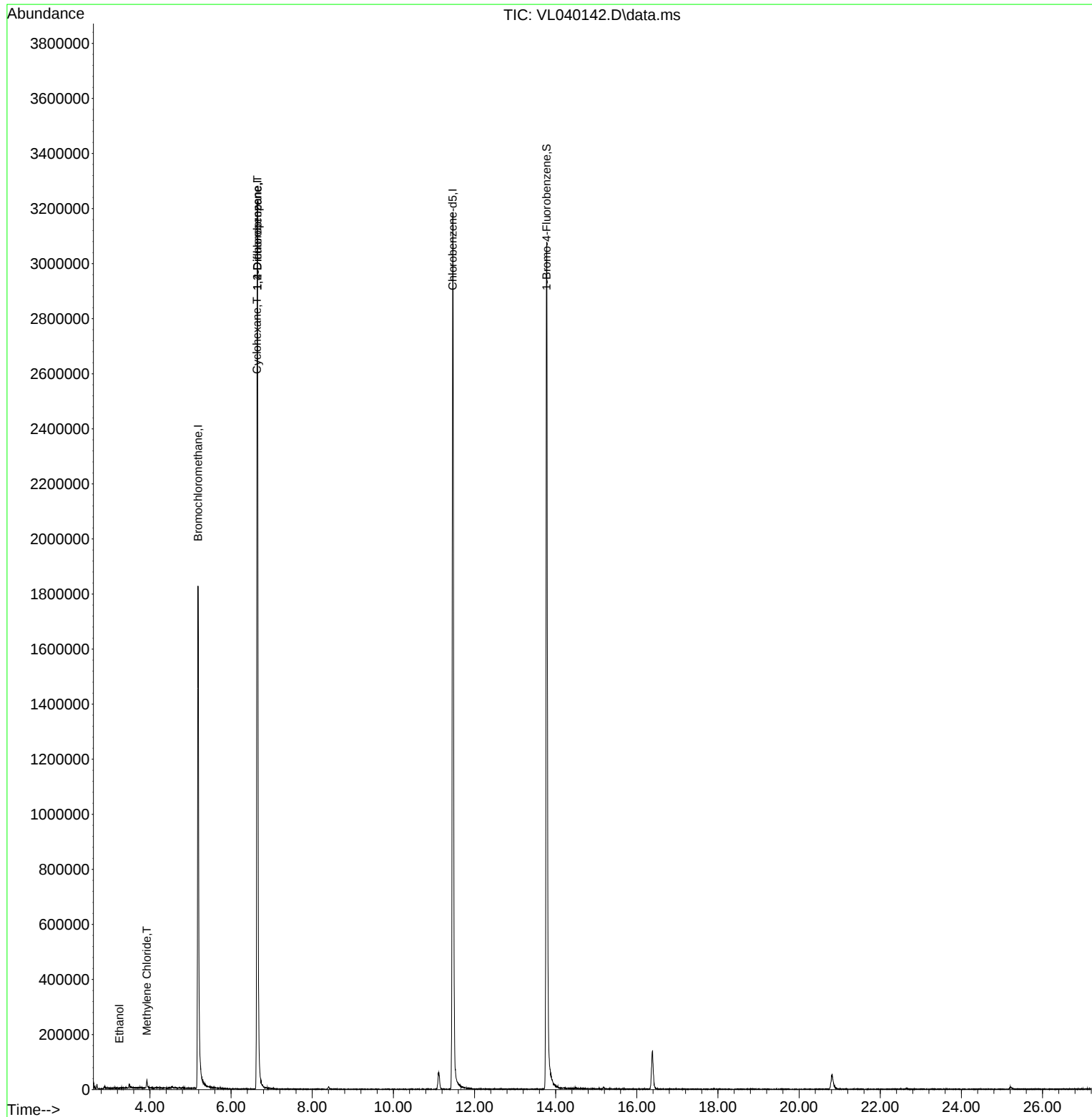
Internal Standards						
1) Bromochloromethane	5.185	49	893684	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2411637	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2064663	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1599201	9.320	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.250	45	473	0.115	ppbv	74
20) Methylene Chloride	3.925	84	9720	0.206	ppbv #	92
30) Cyclohexane	6.639	84	3258	0.050	ppbv #	1
39) 1,2-Dichloropropane	6.645	63	613903	8.794	ppbv #	23

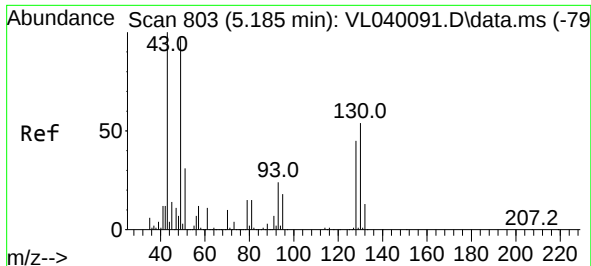
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 07 05:53:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
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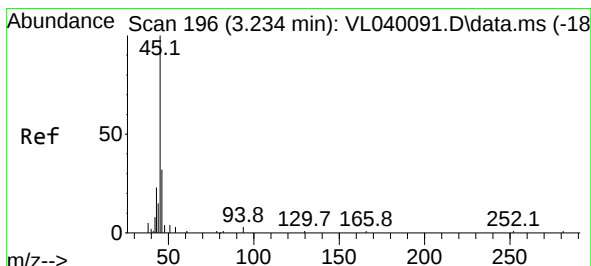
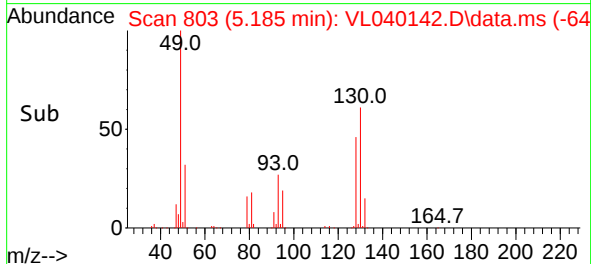
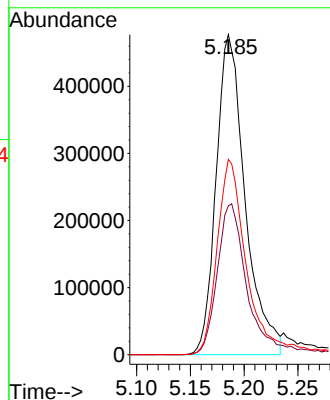
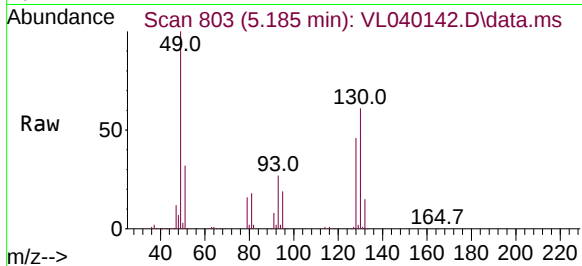




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58

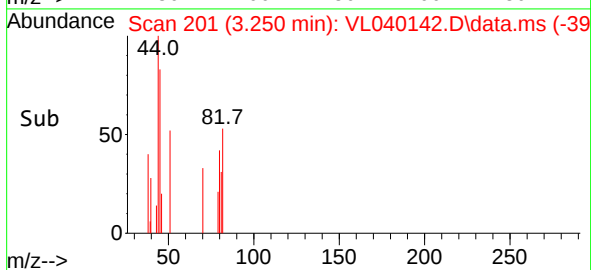
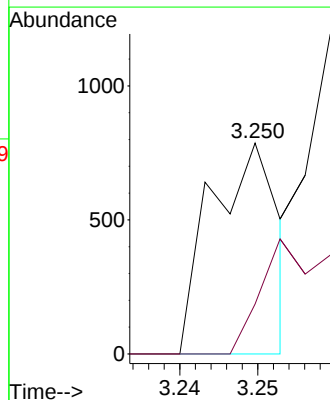
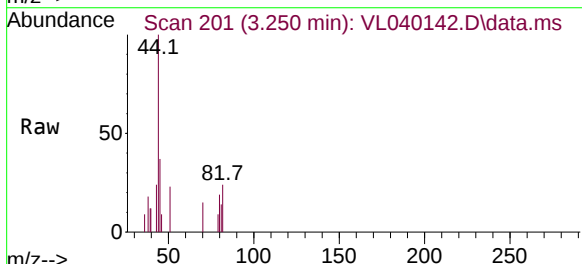
Instrument :
MSVOA_L
ClientSampleId :

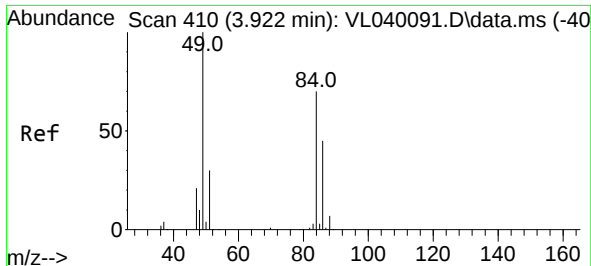
Tgt Ion: 49 Resp: 893684
Ion Ratio Lower Upper
49 100
128 50.8 23.6 71.0
130 63.6 29.8 89.3



#13
Ethanol
Concen: 0.115 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.022 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58

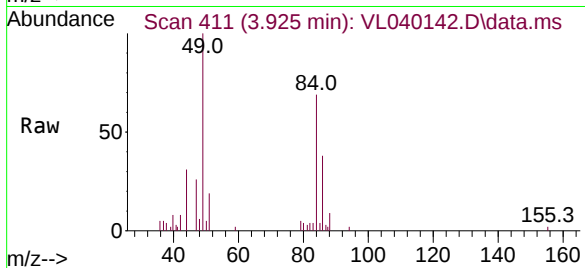
Tgt Ion: 45 Resp: 473
Ion Ratio Lower Upper
45 100
46 52.2 14.8 59.2



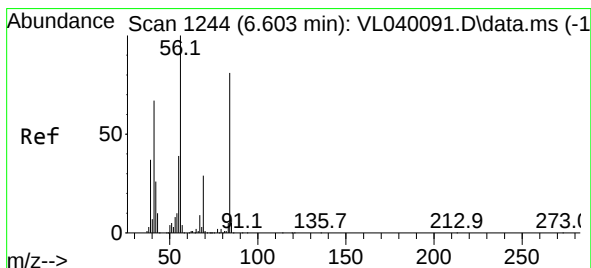
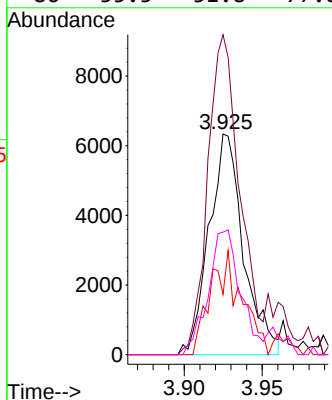
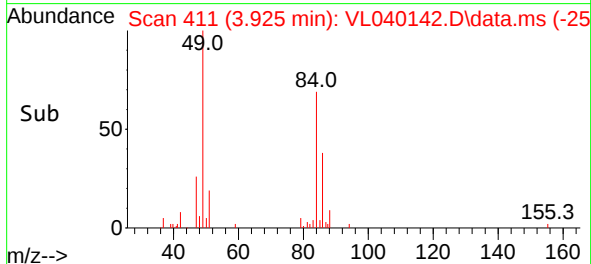


#20
Methylene Chloride
Concen: 0.206 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58

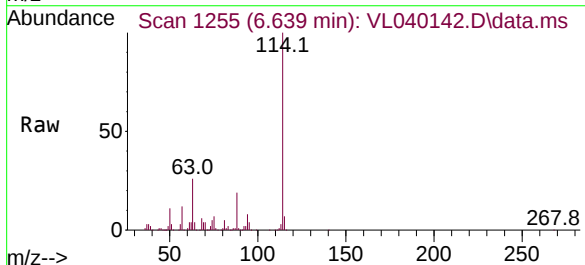
Instrument :
MSVOA_L
ClientSampleId :



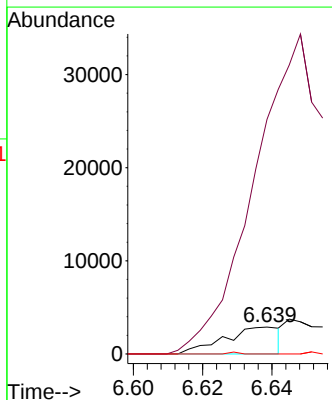
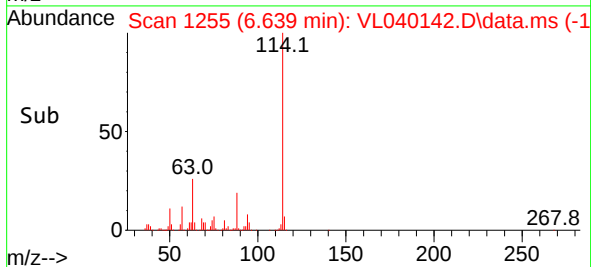
Tgt Ion: 84 Resp: 9720
Ion Ratio Lower Upper
84 100
49 145.0 114.6 171.8
51 27.3 34.3 51.5#
86 55.5 51.8 77.8

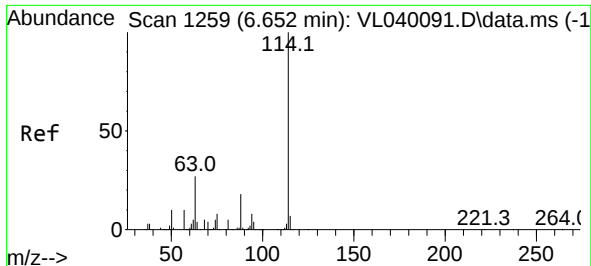


#30
Cyclohexane
Concen: 0.050 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.048 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58



Tgt Ion: 84 Resp: 3258
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 1.2 71.4 107.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040142.D

Acq: 6 Feb 2023 11:58

Instrument :

MSVOA_L

ClientSampleId :

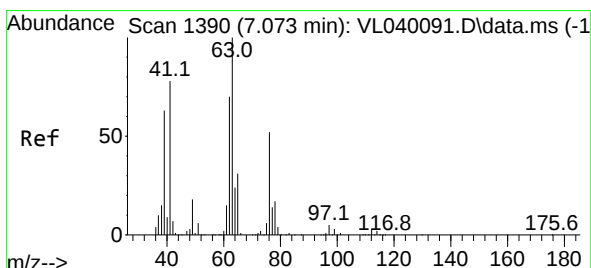
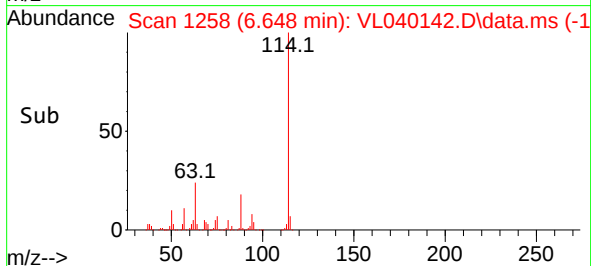
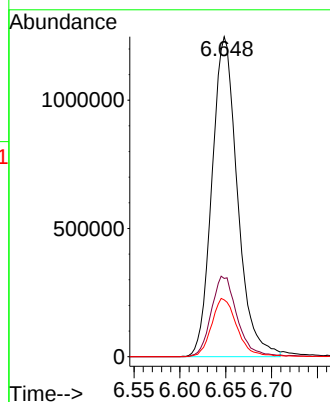
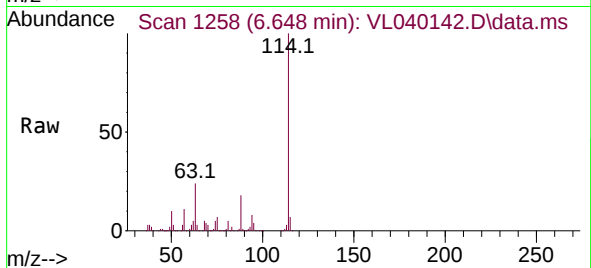
Tgt Ion:114 Resp: 2411637

Ion Ratio Lower Upper

114 100

63 26.0 21.8 32.8

88 18.4 14.8 22.2



#39

1,2-Dichloropropane

Concen: 8.794 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.418 min

Lab File: VL040142.D

Acq: 6 Feb 2023 11:58

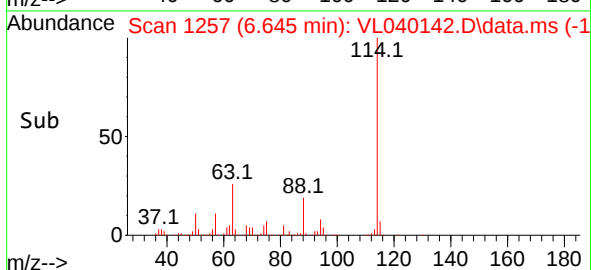
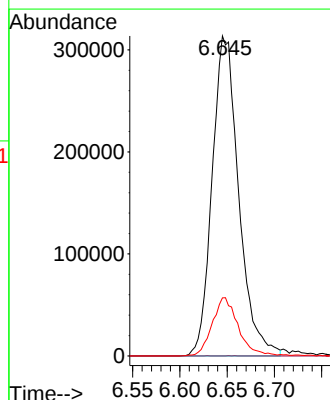
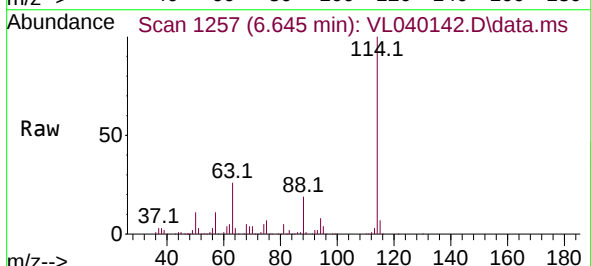
Tgt Ion: 63 Resp: 613903

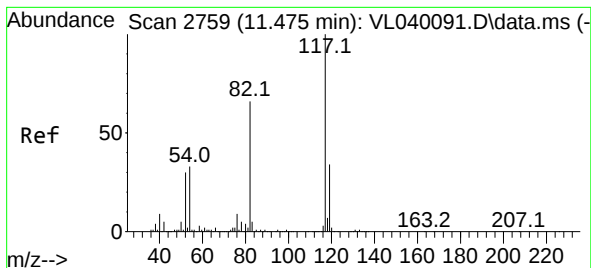
Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 18.1 55.8 83.8#

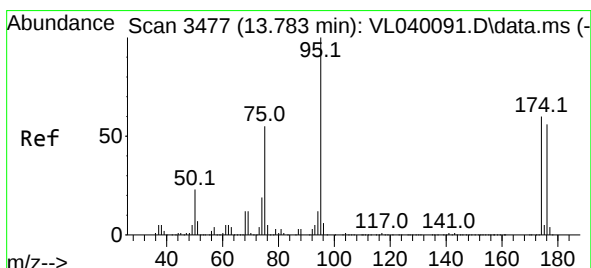
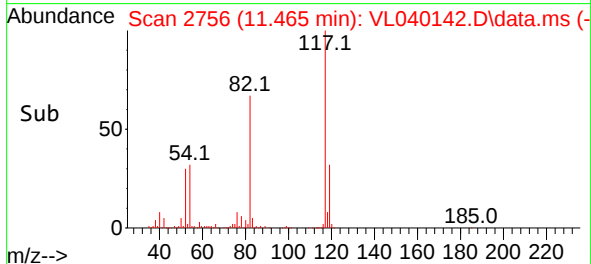
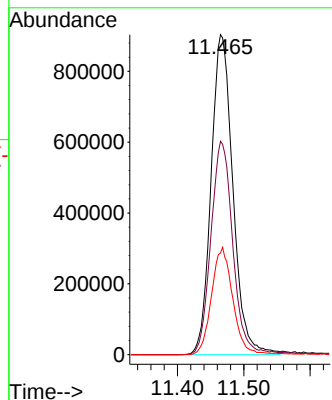
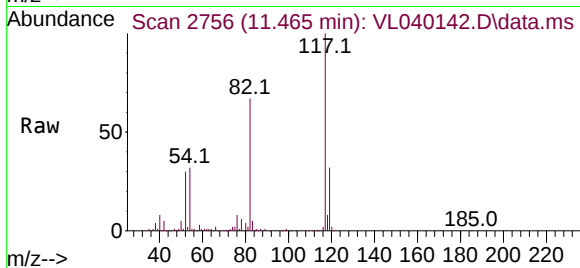




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2064663
Ion Ratio Lower Upper
117 100
82 68.0 54.4 81.6
119 33.3 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.320 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.006 min
Lab File: VL040142.D
Acq: 6 Feb 2023 11:58

Tgt Ion: 95 Resp: 1599201
Ion Ratio Lower Upper
95 100
174 60.0 47.7 71.5
175 4.1 3.4 5.2

