

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040236.D
 Acq On : 27 Feb 2023 15:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 28 00:19:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

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

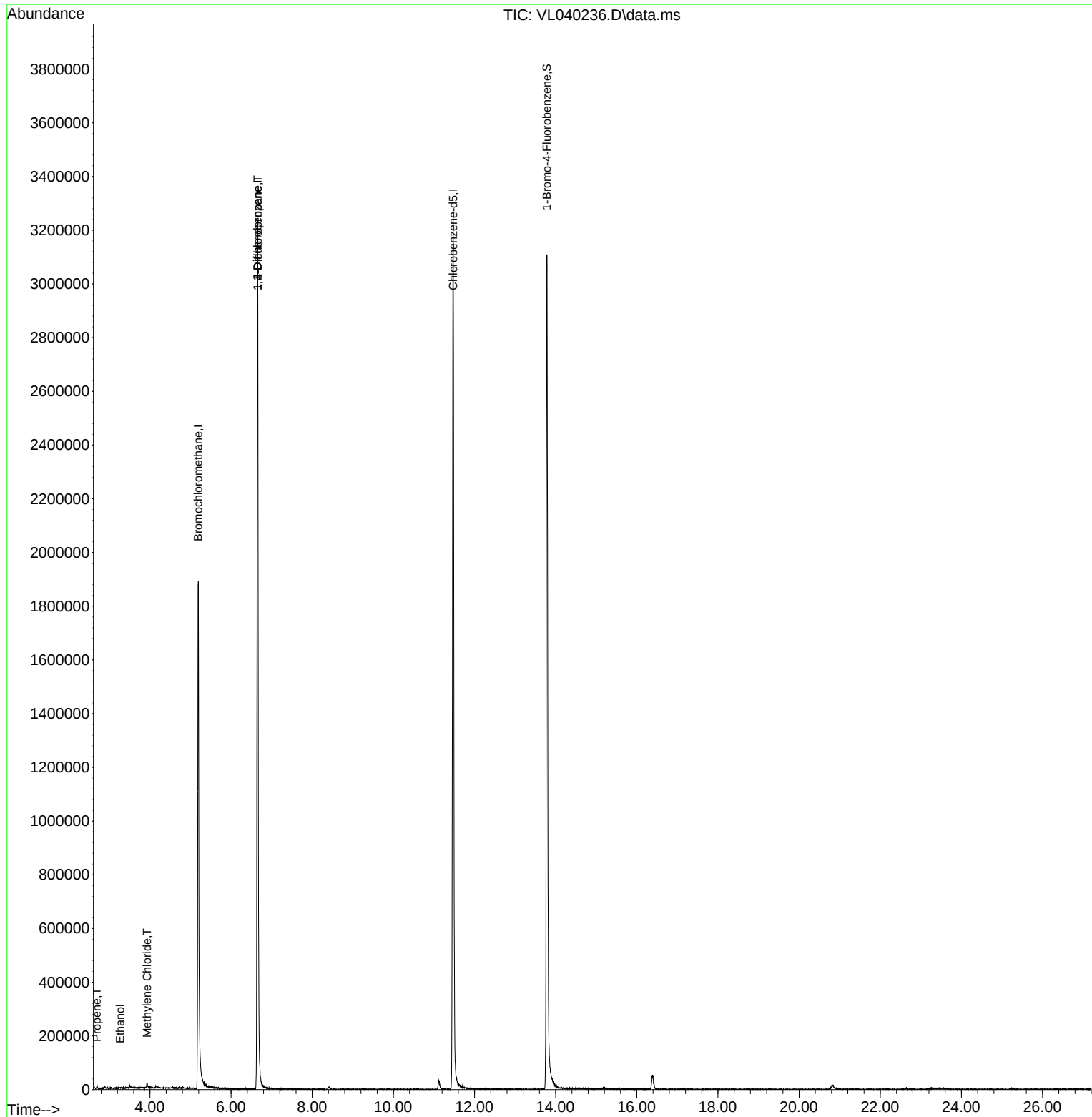
Internal Standards						
1) Bromochloromethane	5.189	49	972666	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2448470	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2062465	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1629524	9.608	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	1717	0.036	ppbv	85
13) Ethanol	3.263	45	336	0.077	ppbv	95
20) Methylene Chloride	3.928	84	3979	0.065	ppbv #	80
39) 1,2-Dichloropropane	6.651	63	619508	8.358	ppbv #	25

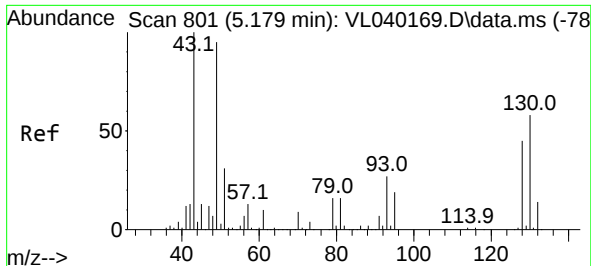
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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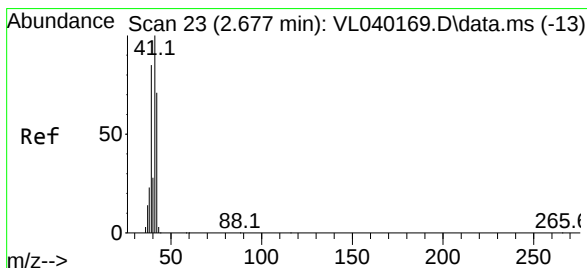
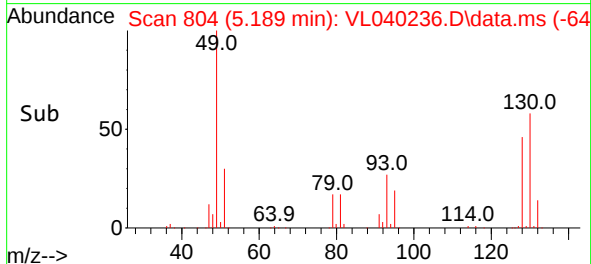
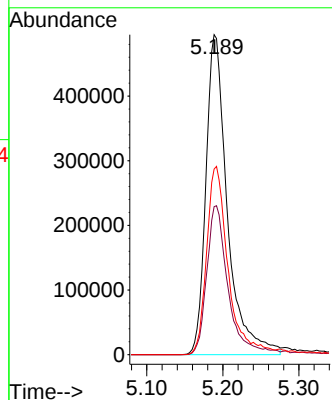
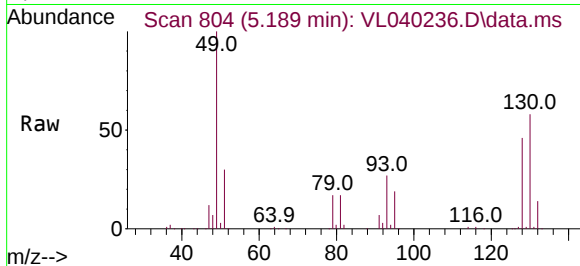




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL040236.D
Acq: 27 Feb 2023 15:14

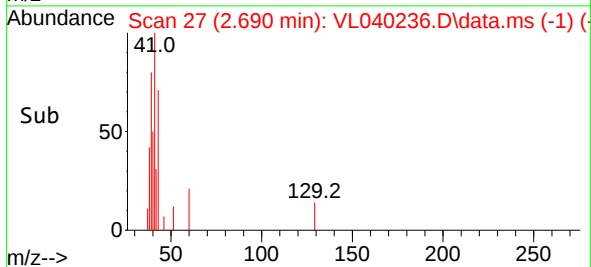
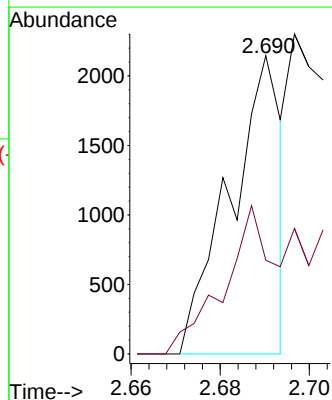
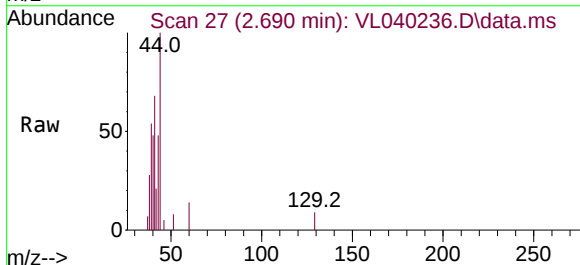
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

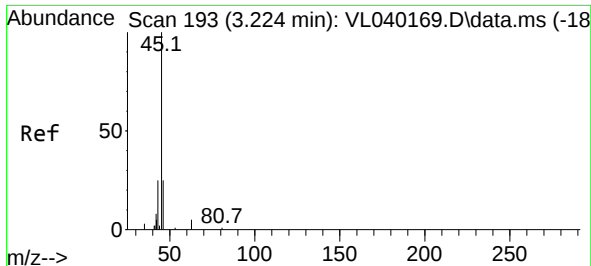
Tgt Ion: 49 Resp: 972666
Ion Ratio Lower Upper
49 100
128 47.6 24.1 72.3
130 61.6 30.9 92.8



#9
Propene
Concen: 0.036 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.010 min
Lab File: VL040236.D
Acq: 27 Feb 2023 15:14

Tgt Ion: 41 Resp: 1717
Ion Ratio Lower Upper
41 100
42 83.2 56.9 85.3

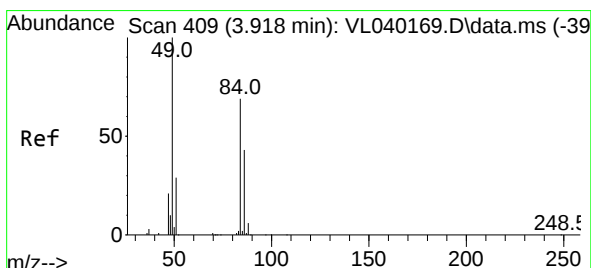
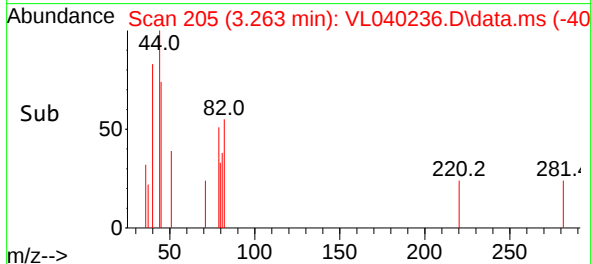
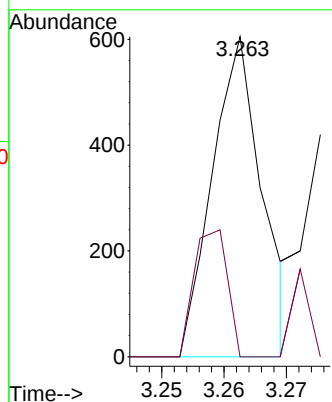
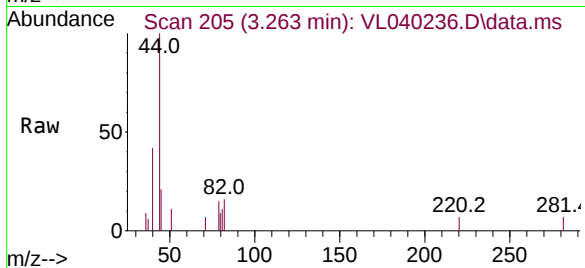




#13
 Ethanol
 Concen: 0.077 ppbv
 RT: 3.263 min Scan# 205
 Delta R.T. 0.029 min
 Lab File: VL040236.D
 Acq: 27 Feb 2023 15:14

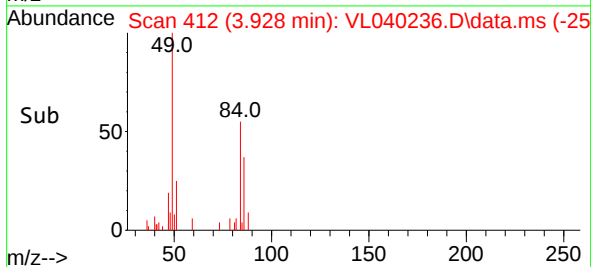
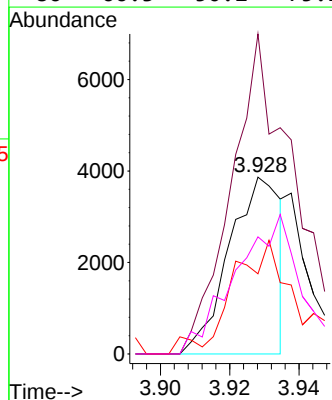
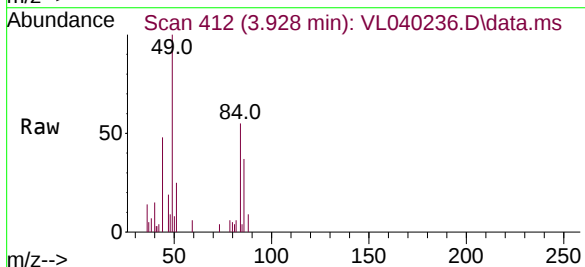
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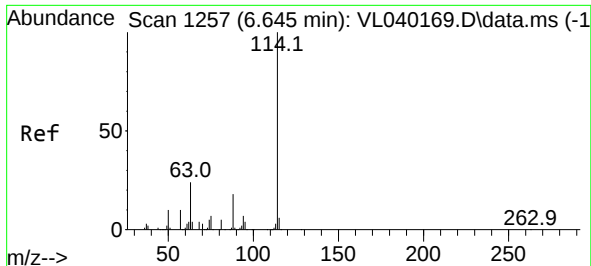
Tgt Ion: 45 Resp: 336
 Ion Ratio Lower Upper
 45 100
 46 36.3 13.3 53.1



#20
 Methylene Chloride
 Concen: 0.065 ppbv
 RT: 3.928 min Scan# 412
 Delta R.T. 0.007 min
 Lab File: VL040236.D
 Acq: 27 Feb 2023 15:14

Tgt Ion: 84 Resp: 3979
 Ion Ratio Lower Upper
 84 100
 49 181.0 115.5 173.3#
 51 35.6 33.1 49.7
 86 66.3 50.2 75.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VL040236.D

Acq: 27 Feb 2023 15:14

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

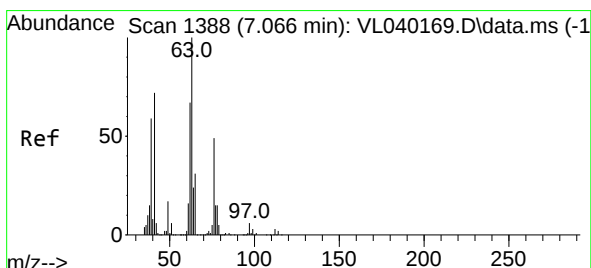
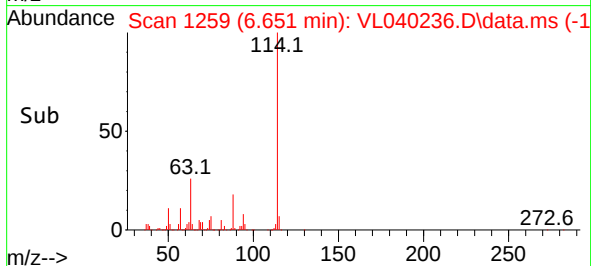
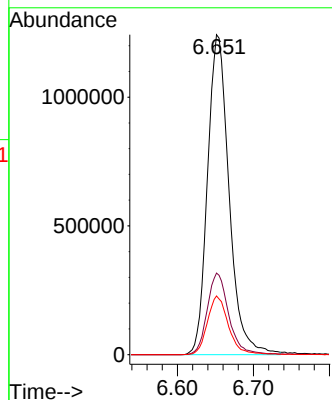
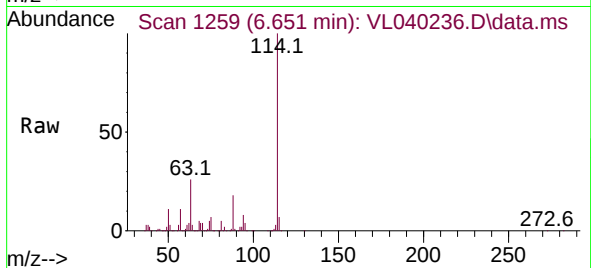
Tgt Ion:114 Resp: 2448470

Ion Ratio Lower Upper

114 100

63 25.7 20.4 30.6

88 18.1 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.358 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.418 min

Lab File: VL040236.D

Acq: 27 Feb 2023 15:14

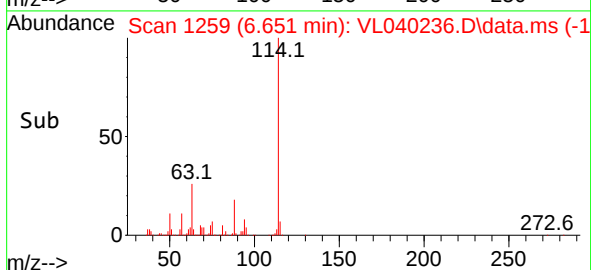
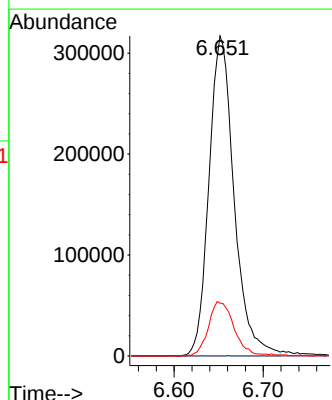
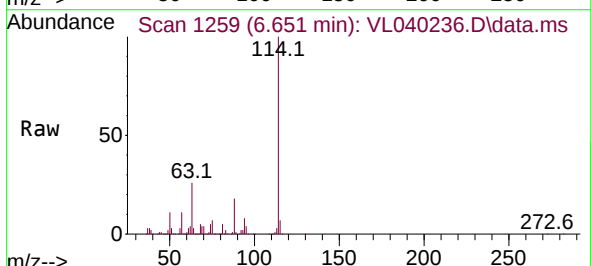
Tgt Ion: 63 Resp: 619508

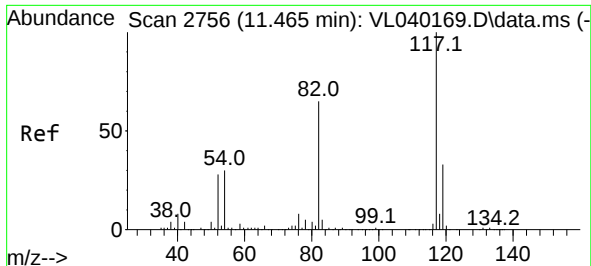
Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 16.5 54.0 81.0#

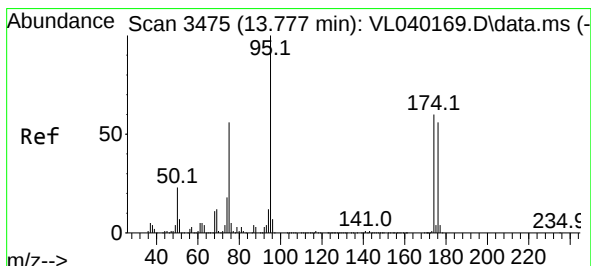
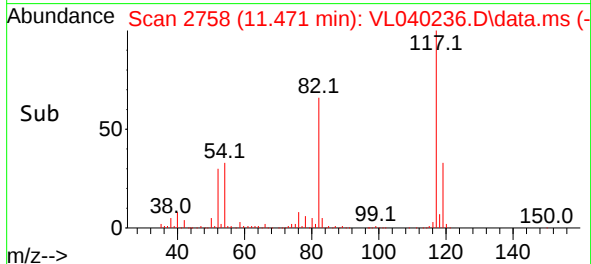
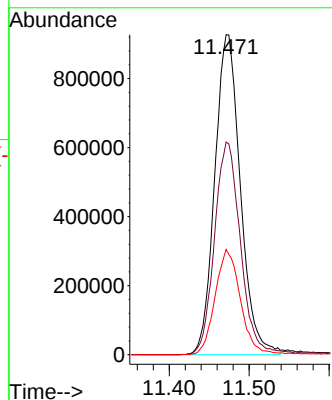
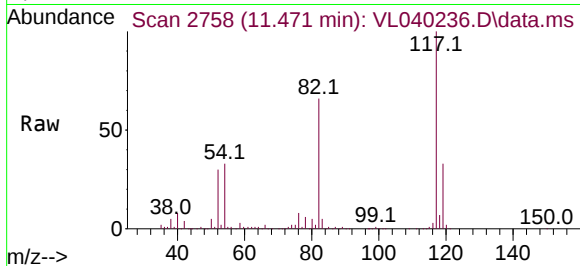




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040236.D
Acq: 27 Feb 2023 15:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2062465
Ion Ratio Lower Upper
117 100
82 68.5 53.3 79.9
119 32.8 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.608 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.007 min
Lab File: VL040236.D
Acq: 27 Feb 2023 15:14

Tgt Ion: 95 Resp: 1629524
Ion Ratio Lower Upper
95 100
174 58.7 48.2 72.2
175 4.2 3.4 5.2

