

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039820.D
 Acq On : 3 Nov 2022 11:09
 Operator : SY/AP
 Sample : VL1103ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABL01

Quant Time: Nov 04 08:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

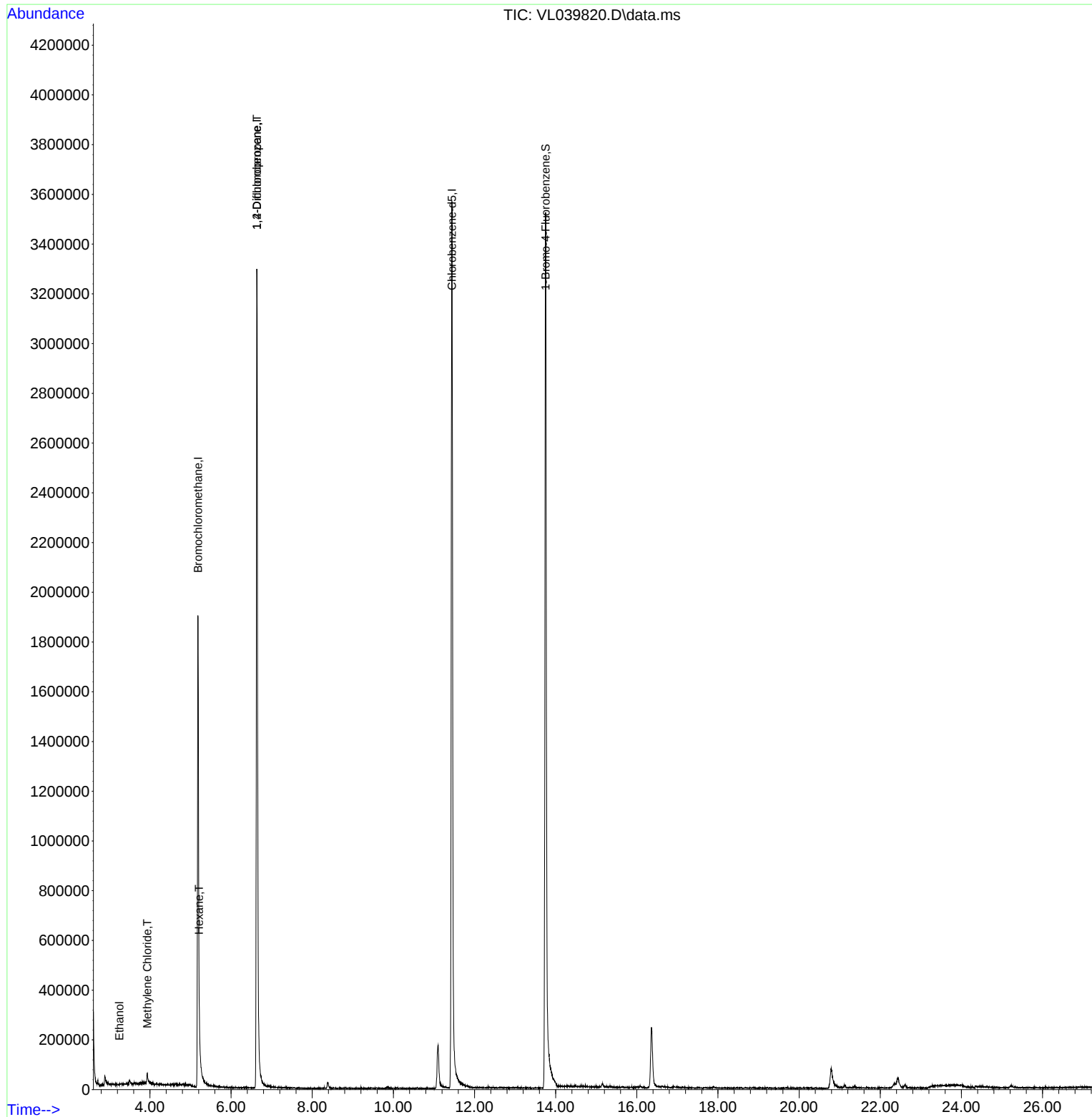
Internal Standards						
1) Bromochloromethane	5.185	49	1076109	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2890417	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2653462	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1979117	9.965	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.247	45	249	0.053	ppbv #	1
20) Methylene Chloride	3.935	84	12525	0.267	ppbv #	83
26) Hexane	5.211	57	5541	0.046	ppbv #	1
39) 1,2-Dichloropropane	6.639	63	667616	7.028	ppbv #	27

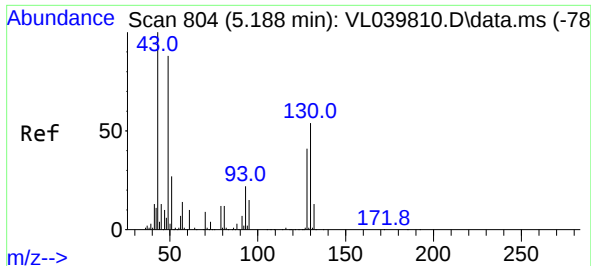
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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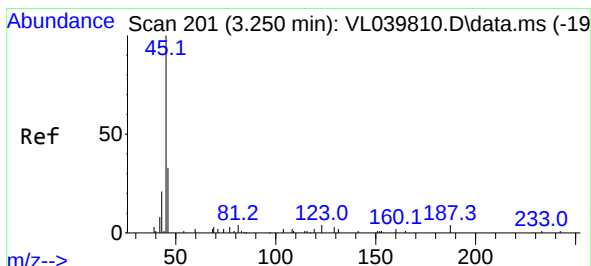
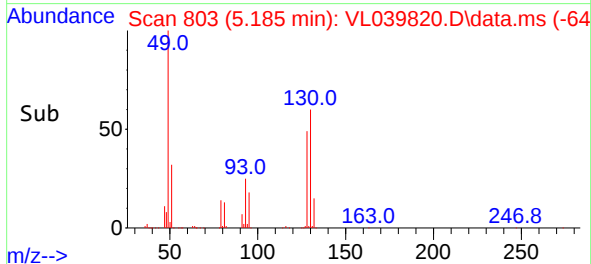
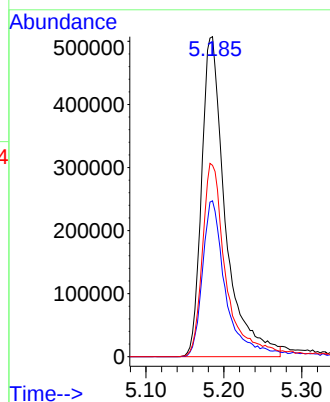
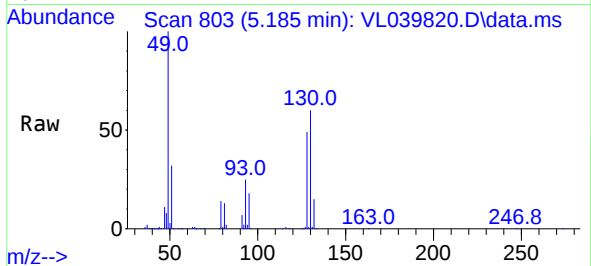




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

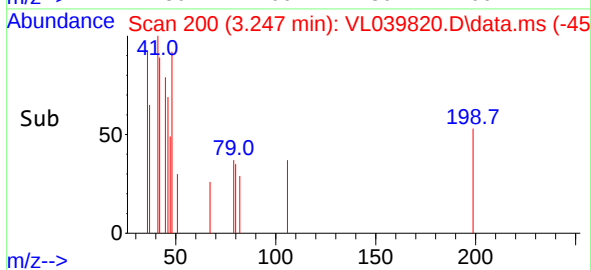
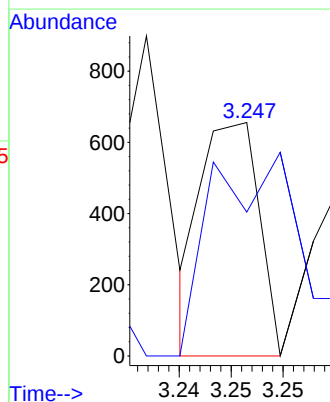
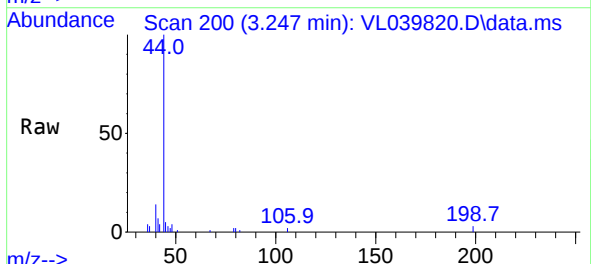
Instrument :
MSVOA_L
ClientSampleId :
VL1103ABL01

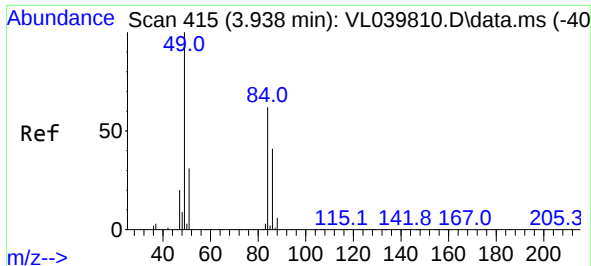
Tgt Ion: 49 Resp: 1076109
Ion Ratio Lower Upper
49 100
128 49.0 24.6 73.6
130 62.5 31.1 93.2



#13
Ethanol
Concen: 0.053 ppbv
RT: 3.247 min Scan# 200
Delta R.T. -0.003 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

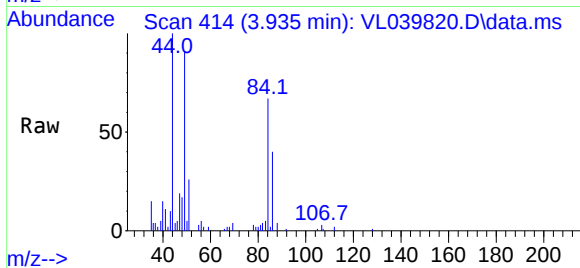
Tgt Ion: 45 Resp: 249
Ion Ratio Lower Upper
45 100
46 292.4 16.5 65.9#



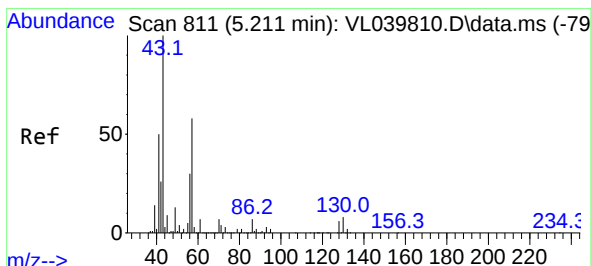
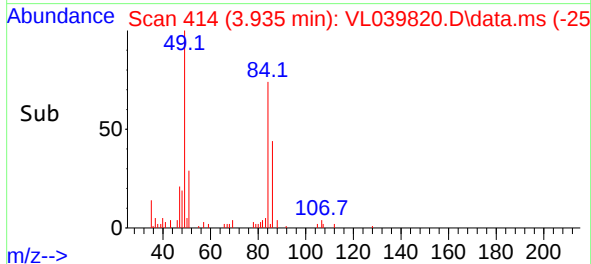
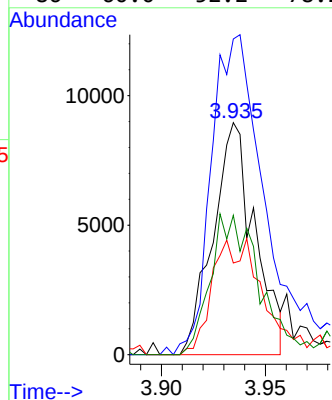


#20
Methylene Chloride
Concen: 0.267 ppbv
RT: 3.935 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VL1103ABL01

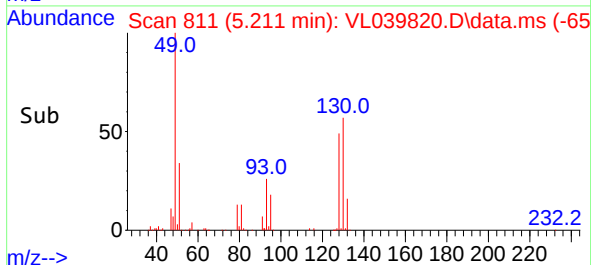
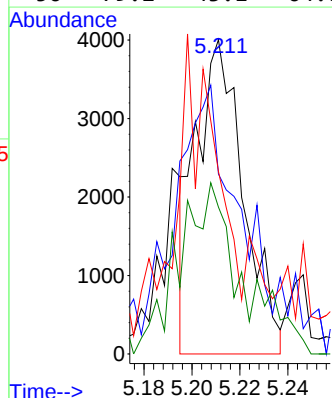
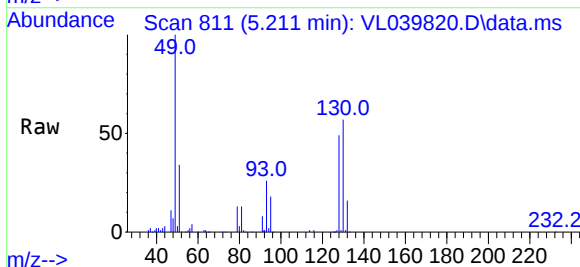


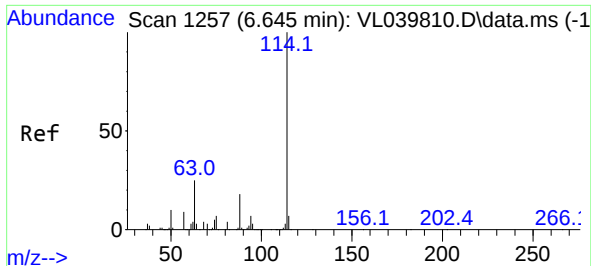
Tgt Ion: 84 Resp: 12525
Ion Ratio Lower Upper
84 100
49 131.3 128.6 192.8
51 39.5 40.2 60.4#
86 60.0 52.2 78.2



#26
Hexane
Concen: 0.046 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

Tgt Ion: 57 Resp: 5541
Ion Ratio Lower Upper
57 100
41 134.1 73.7 110.5#
43 0.0 189.8 284.8#
56 79.2 43.1 64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VL039820.D

Acq: 3 Nov 2022 11:09

Instrument :

MSVOA_1

ClientSampleId :

VL1103ABL01

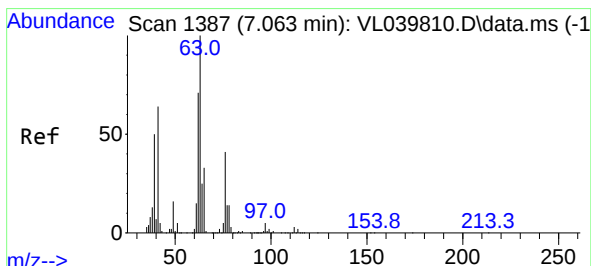
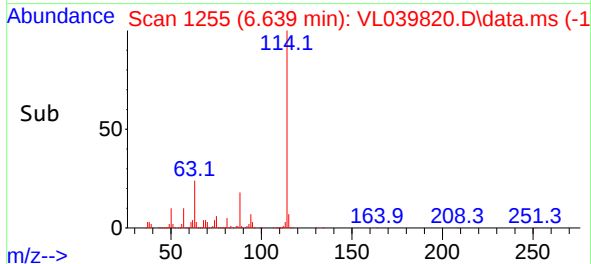
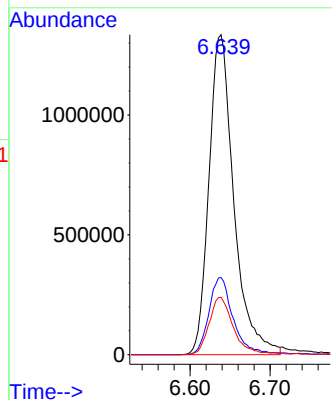
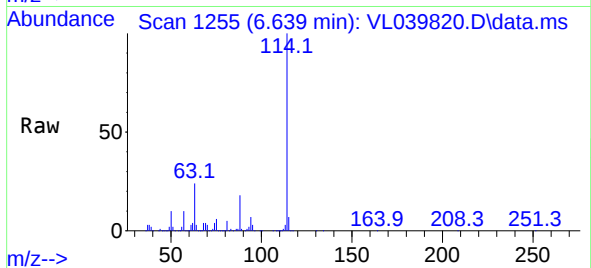
Tgt Ion:114 Resp: 2890417

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

88 18.0 14.4 21.6



#39

1,2-Dichloropropane

Concen: 7.028 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.424 min

Lab File: VL039820.D

Acq: 3 Nov 2022 11:09

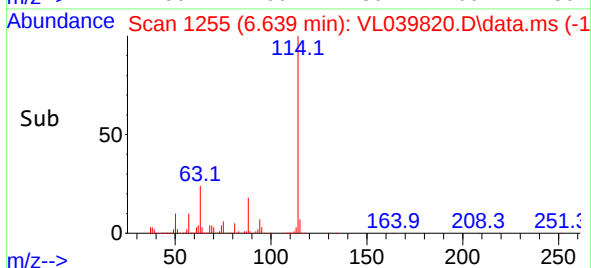
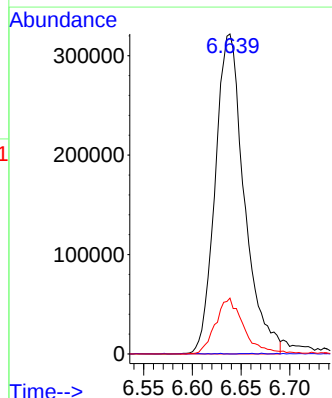
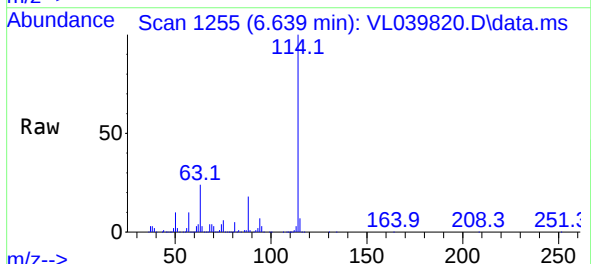
Tgt Ion: 63 Resp: 667616

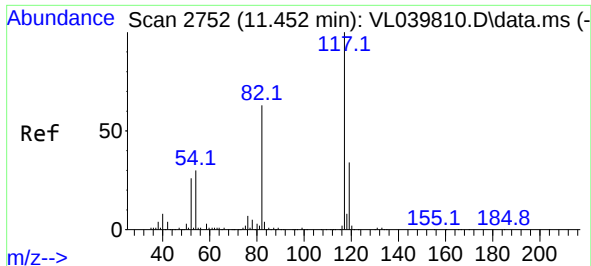
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.5 56.6 85.0#

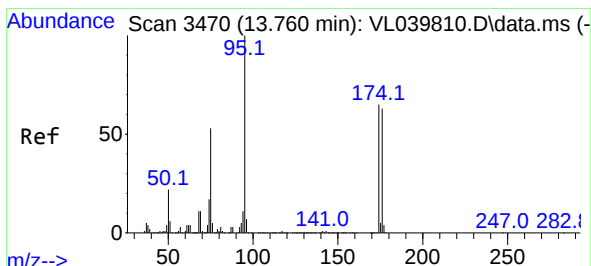
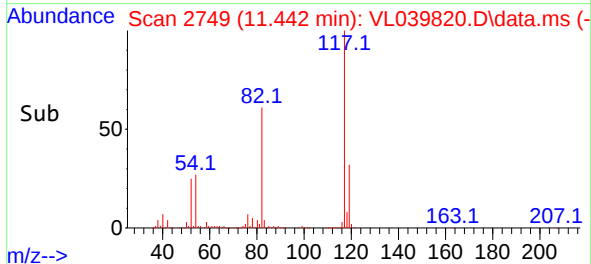
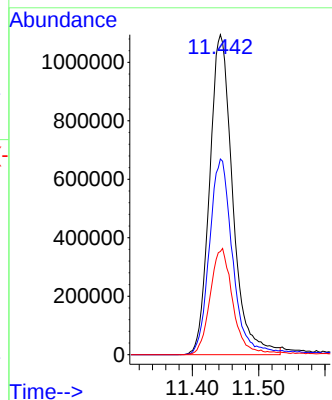
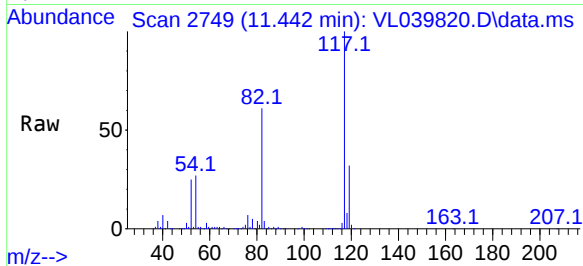




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

Instrument :
MSVOA_1
ClientSampleId :
VL1103ABL01

Tgt Ion:117 Resp: 2653462
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 33.4 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.965 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.010 min
Lab File: VL039820.D
Acq: 3 Nov 2022 11:09

Tgt Ion: 95 Resp: 1979117
Ion Ratio Lower Upper
95 100
174 68.5 53.4 80.0
175 4.8 4.1 6.1

