

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039965.D
 Acq On : 2 Dec 2022 11:11
 Operator : SY/MD
 Sample : VL1202ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABL01

Quant Time: Dec 02 23:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

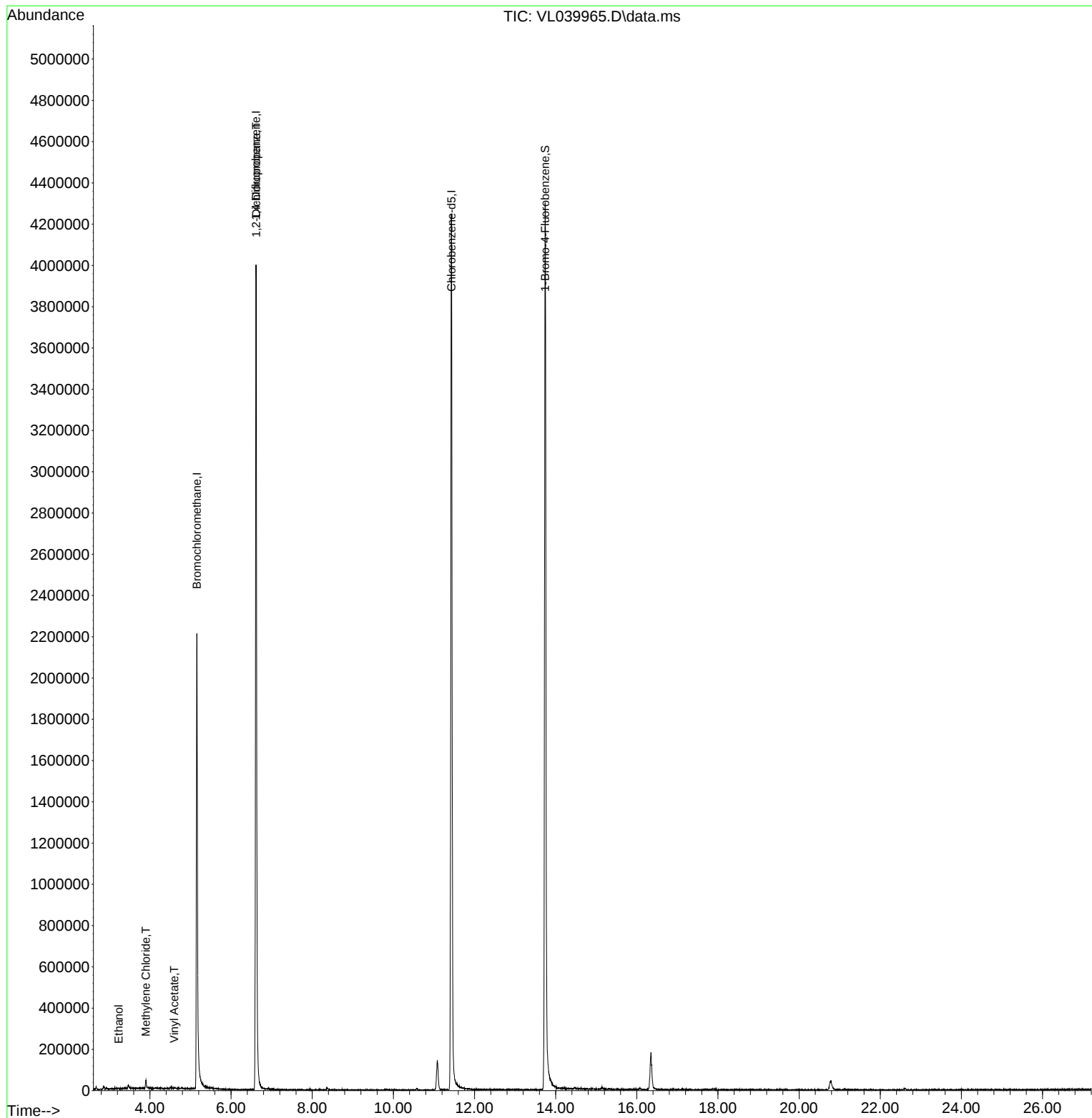
Internal Standards						
1) Bromochloromethane	5.156	49	1117128	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	3205890	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.430	117	2869872	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2221934	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
13) Ethanol	3.231	45	670	0.121	ppbv #	7
20) Methylene Chloride	3.899	84	9717	0.135	ppbv #	70
23) Vinyl Acetate	4.600	43	2162	0.036	ppbv #	40
39) 1,2-Dichloropropane	6.619	63	757993	7.140	ppbv #	26

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

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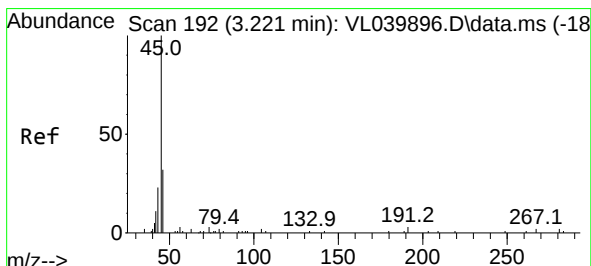
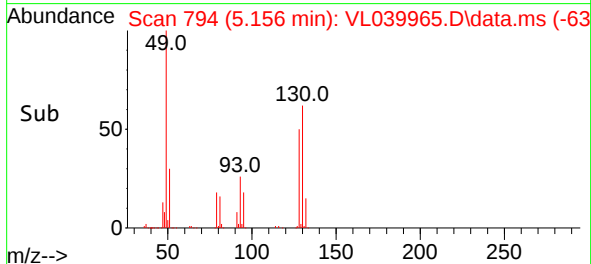
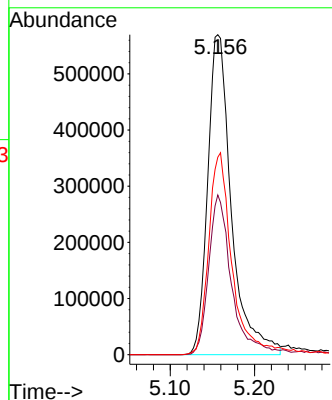
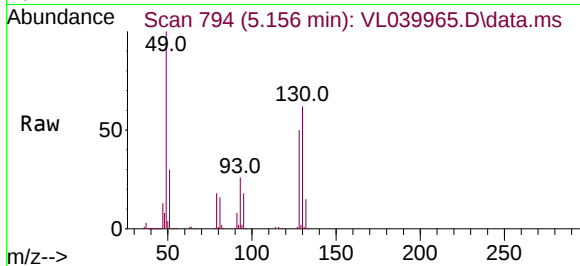




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

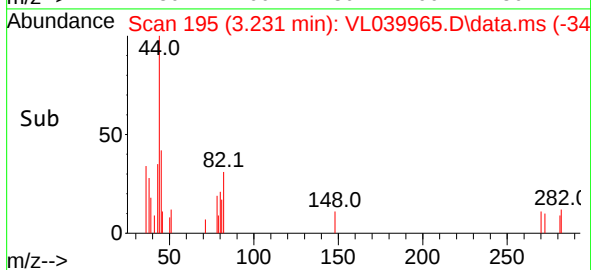
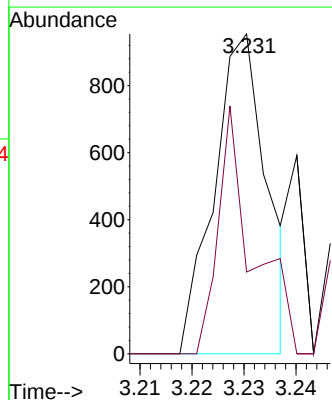
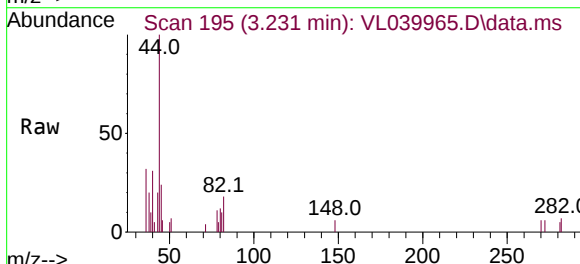
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABL01

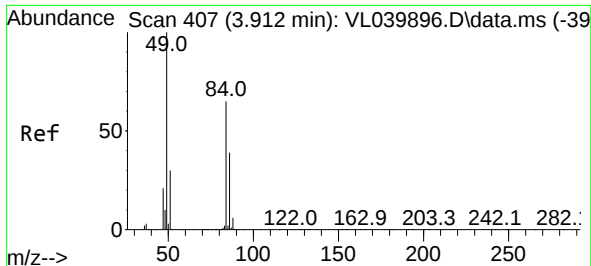
Tgt Ion: 49 Resp: 1117128
Ion Ratio Lower Upper
49 100
128 48.6 22.1 66.3
130 64.5 27.7 83.1



#13
Ethanol
Concen: 0.121 ppbv
RT: 3.231 min Scan# 195
Delta R.T. 0.016 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

Tgt Ion: 45 Resp: 670
Ion Ratio Lower Upper
45 100
46 91.3 14.6 58.2#

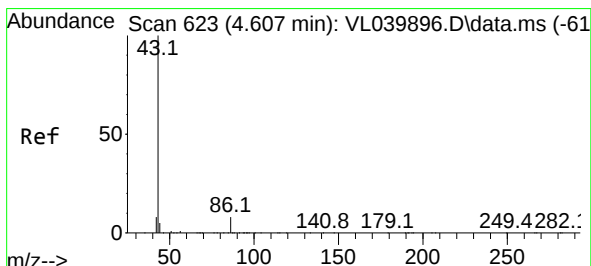
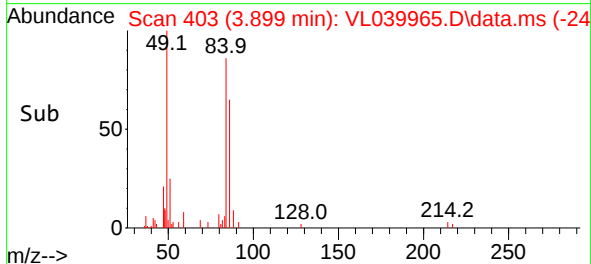
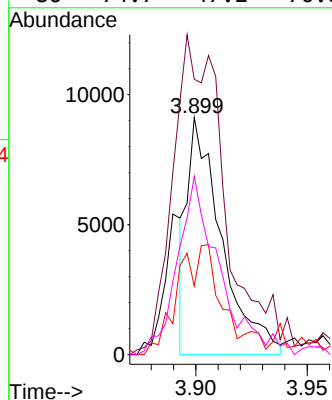
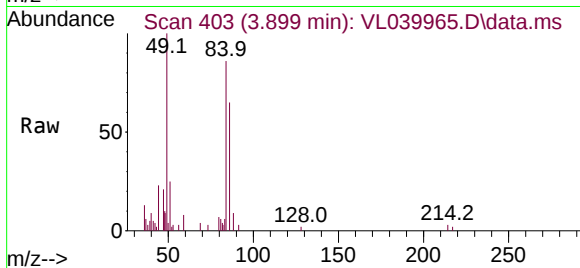




#20
Methylene Chloride
Concen: 0.135 ppbv
RT: 3.899 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

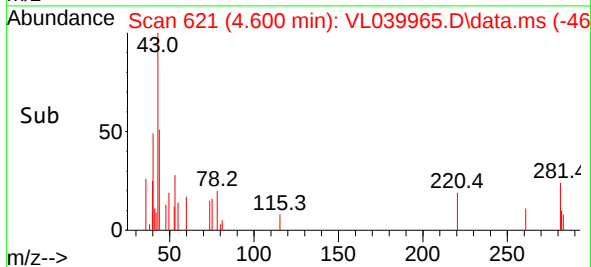
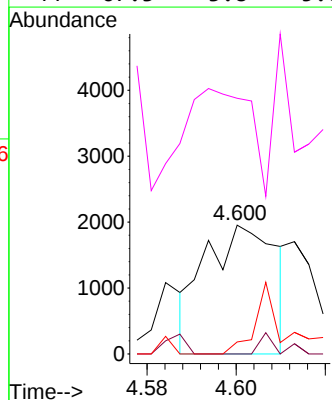
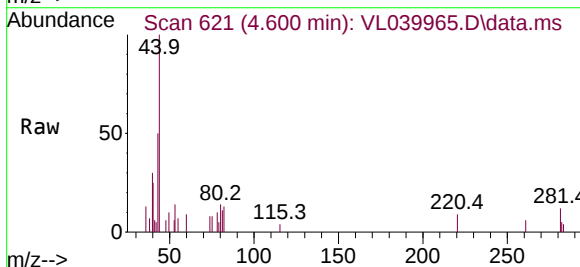
Instrument :
MSVOA_L
ClientSampleId :
VL1202ABL01

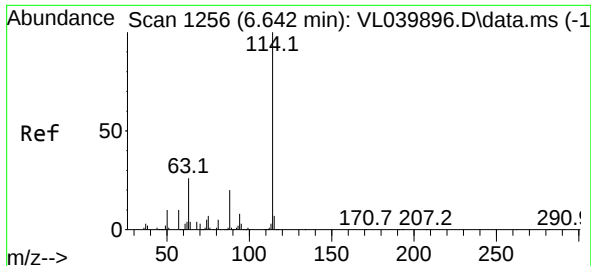
Tgt Ion: 84 Resp: 9717
Ion Ratio Lower Upper
84 100
49 114.7 122.2 183.4#
51 16.4 36.3 54.5#
86 74.7 47.2 70.8#



#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.007 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
86 0.0 5.0 7.4#
42 17.9 7.6 11.4#
44 67.3 3.8 5.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VL039965.D

Acq: 2 Dec 2022 11:11

Instrument :

MSVOA_1

ClientSampleId :

VL1202ABL01

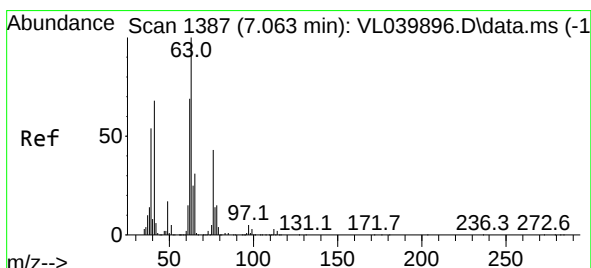
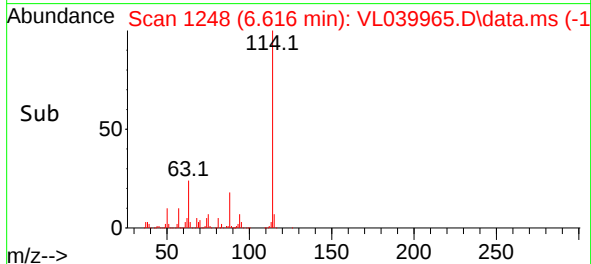
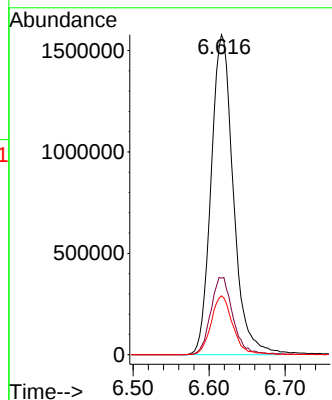
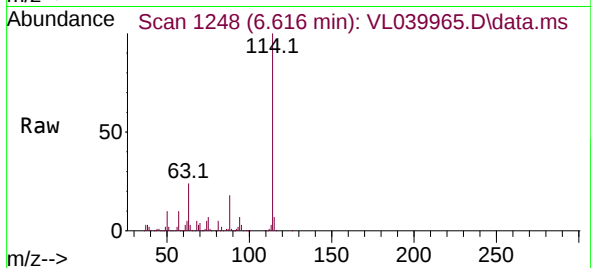
Tgt Ion:114 Resp: 3205890

Ion Ratio Lower Upper

114 100

63 24.4 21.4 32.0

88 18.1 15.3 22.9



#39

1,2-Dichloropropane

Concen: 7.140 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. -0.415 min

Lab File: VL039965.D

Acq: 2 Dec 2022 11:11

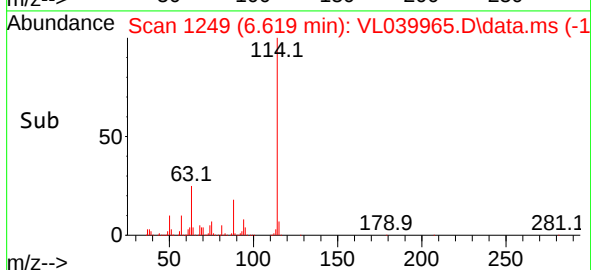
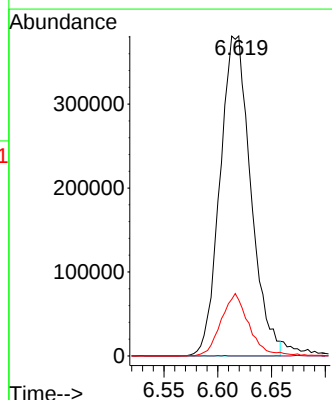
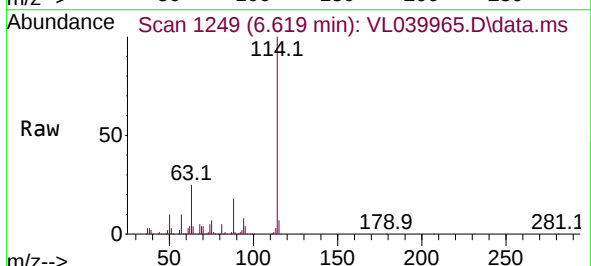
Tgt Ion: 63 Resp: 757993

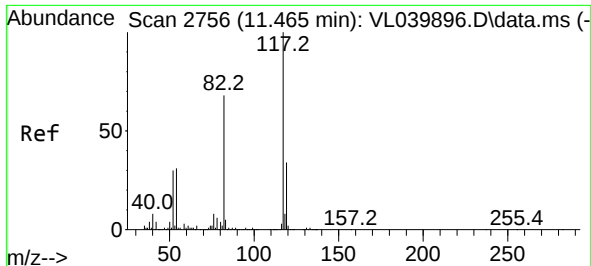
Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 17.5 55.0 82.6#

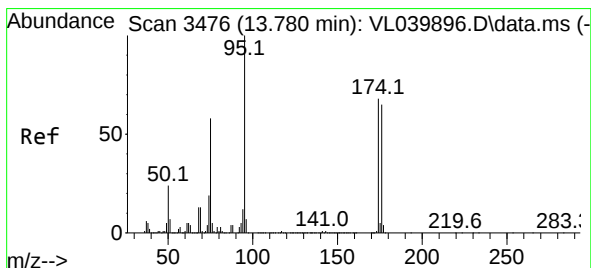
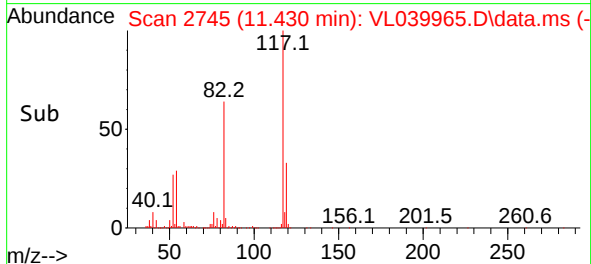
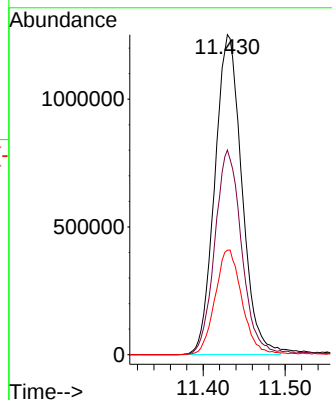
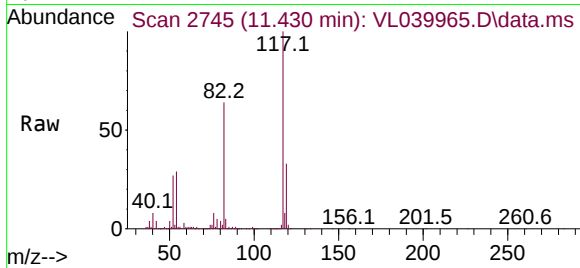




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.430 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

Instrument :
MSVOA_1
ClientSampleId :
VL1202ABL01

Tgt Ion:117 Resp: 2869872
Ion Ratio Lower Upper
117 100
82 65.1 52.3 78.5
119 32.9 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.136 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VL039965.D
Acq: 2 Dec 2022 11:11

Tgt Ion: 95 Resp: 2221934
Ion Ratio Lower Upper
95 100
174 65.3 53.7 80.5
175 4.8 4.0 6.0

