

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039937.D
 Acq On : 1 Dec 2022 10:58
 Operator : SY/MD
 Sample : VL1201ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABL01

Quant Time: Dec 02 05:30:51 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 05:29:35 2022
 Response via : Initial Calibration

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

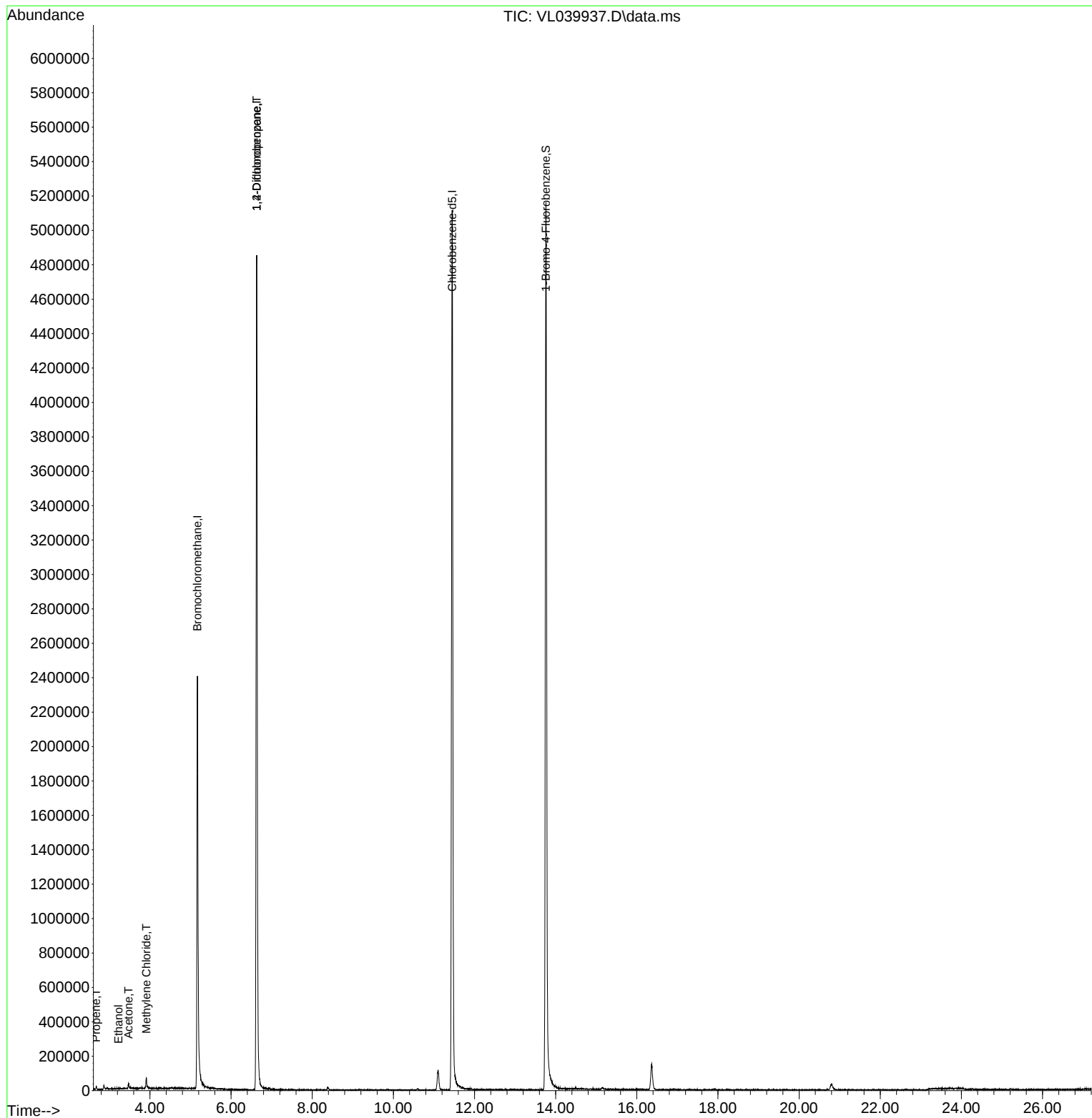
Internal Standards						
1) Bromochloromethane	5.169	49	1245932	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3759734	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	3415225	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2705570	10.372	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	2895	0.036	ppbv #	75
13) Ethanol	3.224	45	280	0.045	ppbv #	38
15) Acetone	3.472	43	28453	0.172	ppbv #	86
20) Methylene Chloride	3.912	84	16842	0.210	ppbv	90
39) 1,2-Dichloropropane	6.632	63	927874	7.452	ppbv #	26

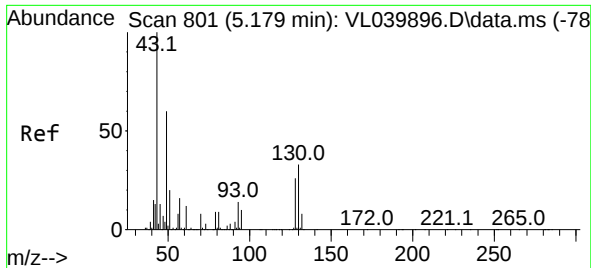
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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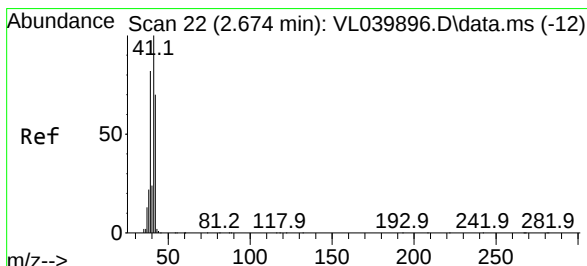
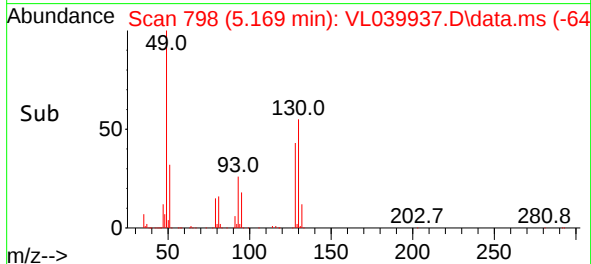
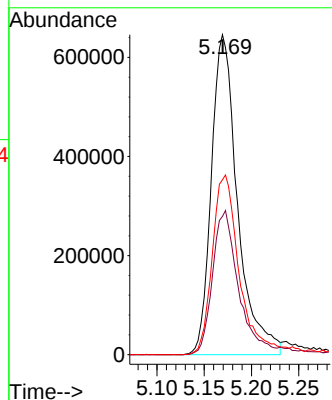
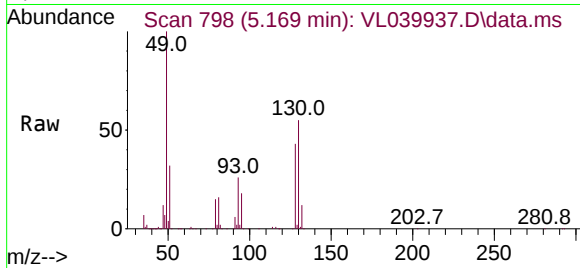




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.004 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

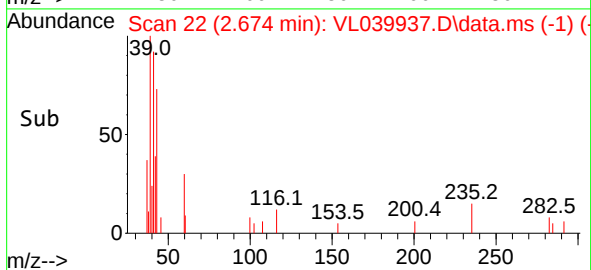
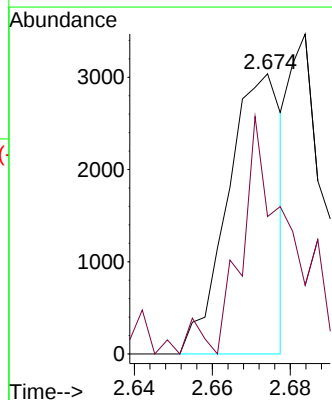
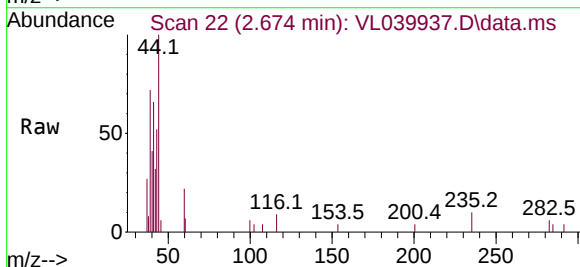
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABL01

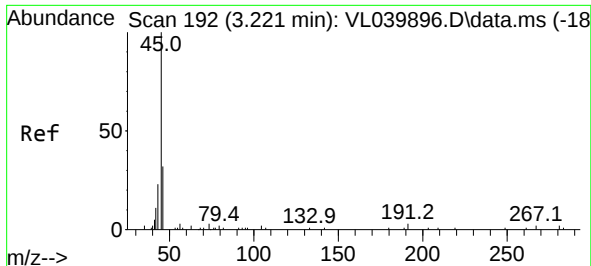
Tgt Ion: 49 Resp: 1245932
Ion Ratio Lower Upper
49 100
128 47.7 22.1 66.3
130 61.4 27.7 83.1



#9
Propene
Concen: 0.036 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.003 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

Tgt Ion: 41 Resp: 2895
Ion Ratio Lower Upper
41 100
42 89.8 55.8 83.6#

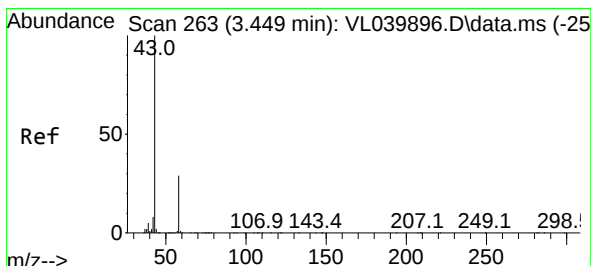
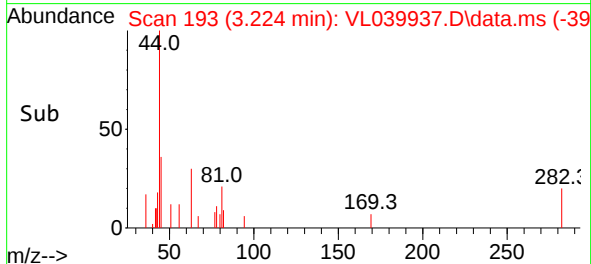
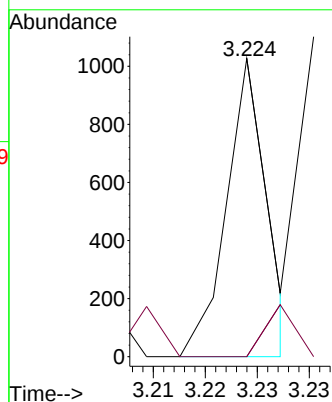
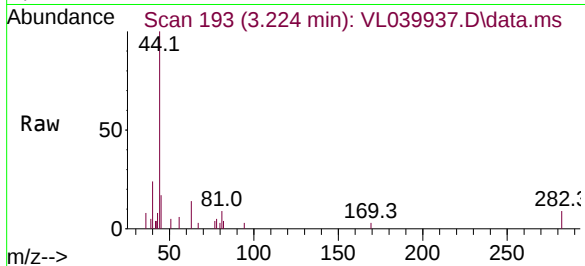




#13
Ethanol
Concen: 0.045 ppbv
RT: 3.224 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

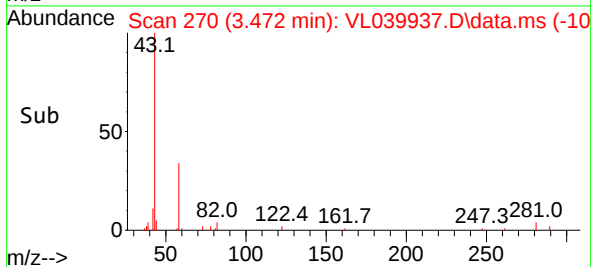
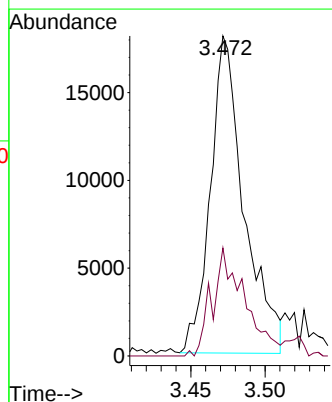
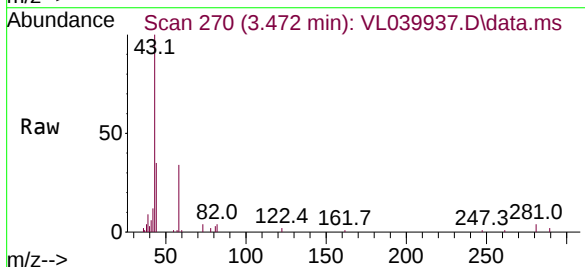
Instrument :
MSVOA_L
ClientSampleId :
VL1201ABL01

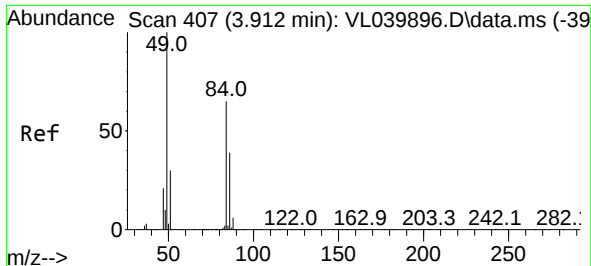
Tgt Ion: 45 Resp: 280
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#15
Acetone
Concen: 0.172 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.026 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

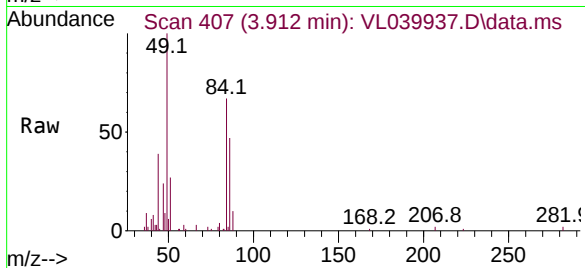
Tgt Ion: 43 Resp: 28453
Ion Ratio Lower Upper
43 100
58 36.2 22.9 34.3#





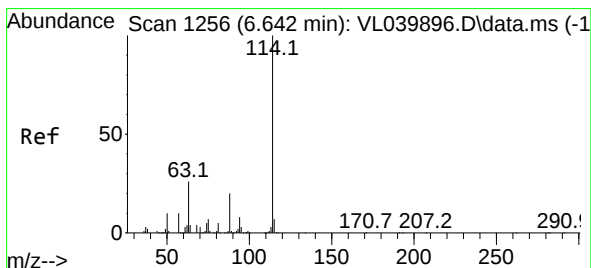
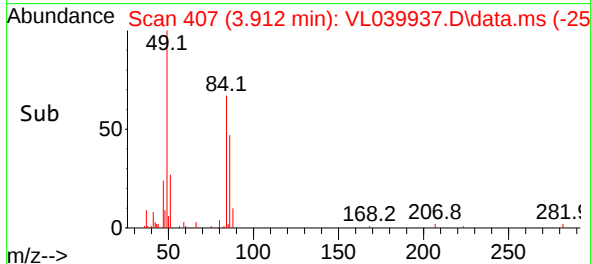
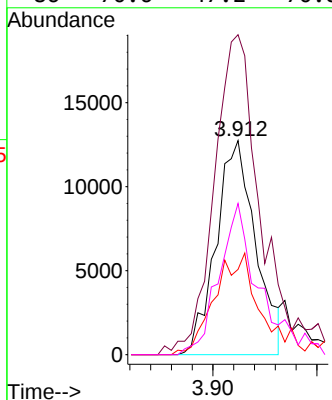
#20
Methylene Chloride
Concen: 0.210 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.000 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

Instrument :
MSVOA_1
ClientSampleId :
VL1201ABL01



Tgt Ion: 84 Resp: 16842

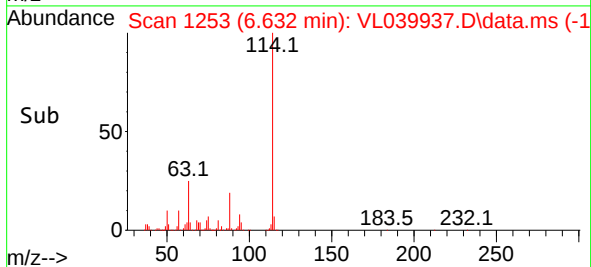
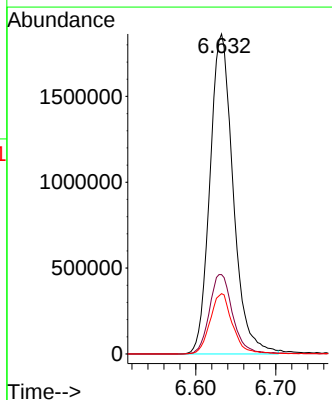
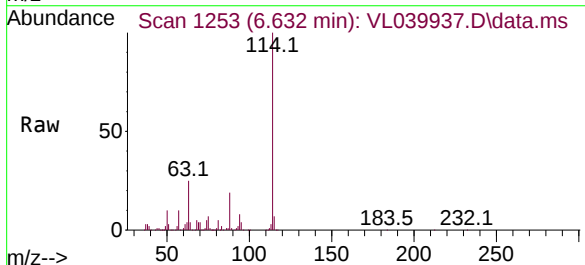
Ion	Ratio	Lower	Upper
84	100		
49	143.2	122.2	183.4
51	37.7	36.3	54.5
86	70.6	47.2	70.8

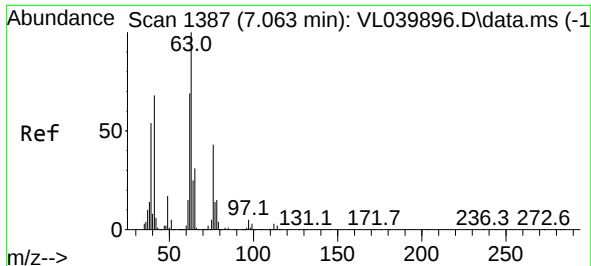


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL039937.D
Acq: 1 Dec 2022 10:58

Tgt Ion: 114 Resp: 3759734

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.4	32.0
88	18.4	15.3	22.9





#39

1,2-Dichloropropane

Concen: 7.452 ppbv

RT: 6.632 min Scan# 1

Delta R.T. -0.424 min

Lab File: VL039937.D

Acq: 1 Dec 2022 10:58

Instrument :

MSVOA_1

ClientSampleId :

VL1201ABL01

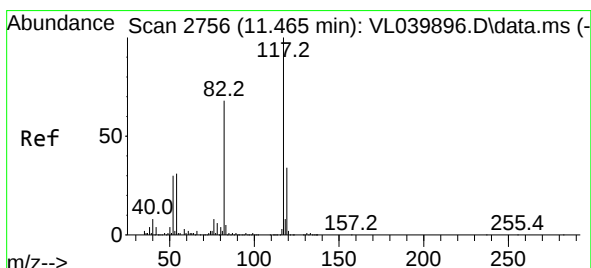
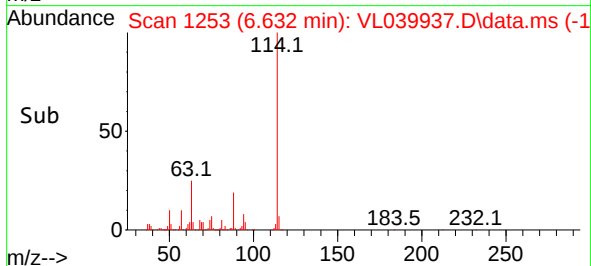
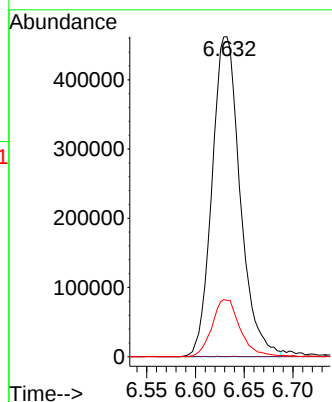
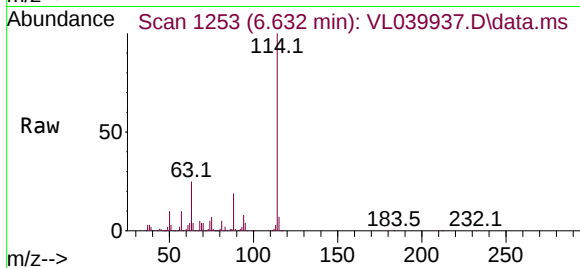
Tgt Ion: 63 Resp: 927874

Ion Ratio Lower Upper

63 100

41 0.0 54.7 82.1#

62 17.6 55.0 82.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.003 min

Lab File: VL039937.D

Acq: 1 Dec 2022 10:58

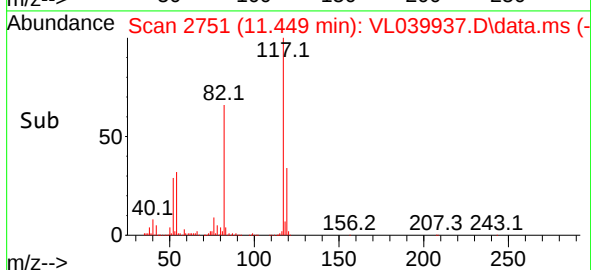
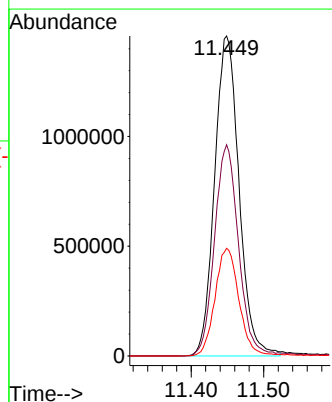
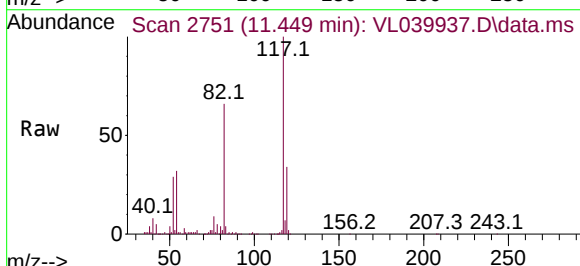
Tgt Ion: 117 Resp: 3415225

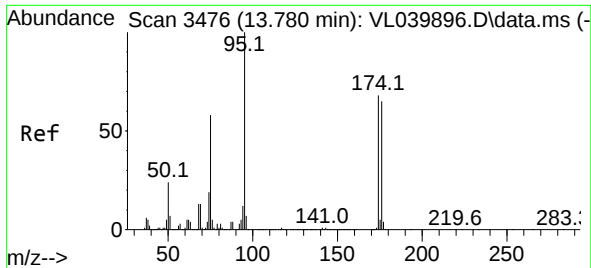
Ion Ratio Lower Upper

117 100

82 65.3 52.3 78.5

119 33.2 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.372 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL039937.D
 Acq: 1 Dec 2022 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1201ABL01

Tgt Ion: 95 Resp: 2705570
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.7 80.5
 175 4.6 4.0 6.0

