

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039686.D
 Acq On : 4 Oct 2022 18:28
 Operator : SY/AP
 Sample : N4885-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Quant Time: Oct 05 04:41:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

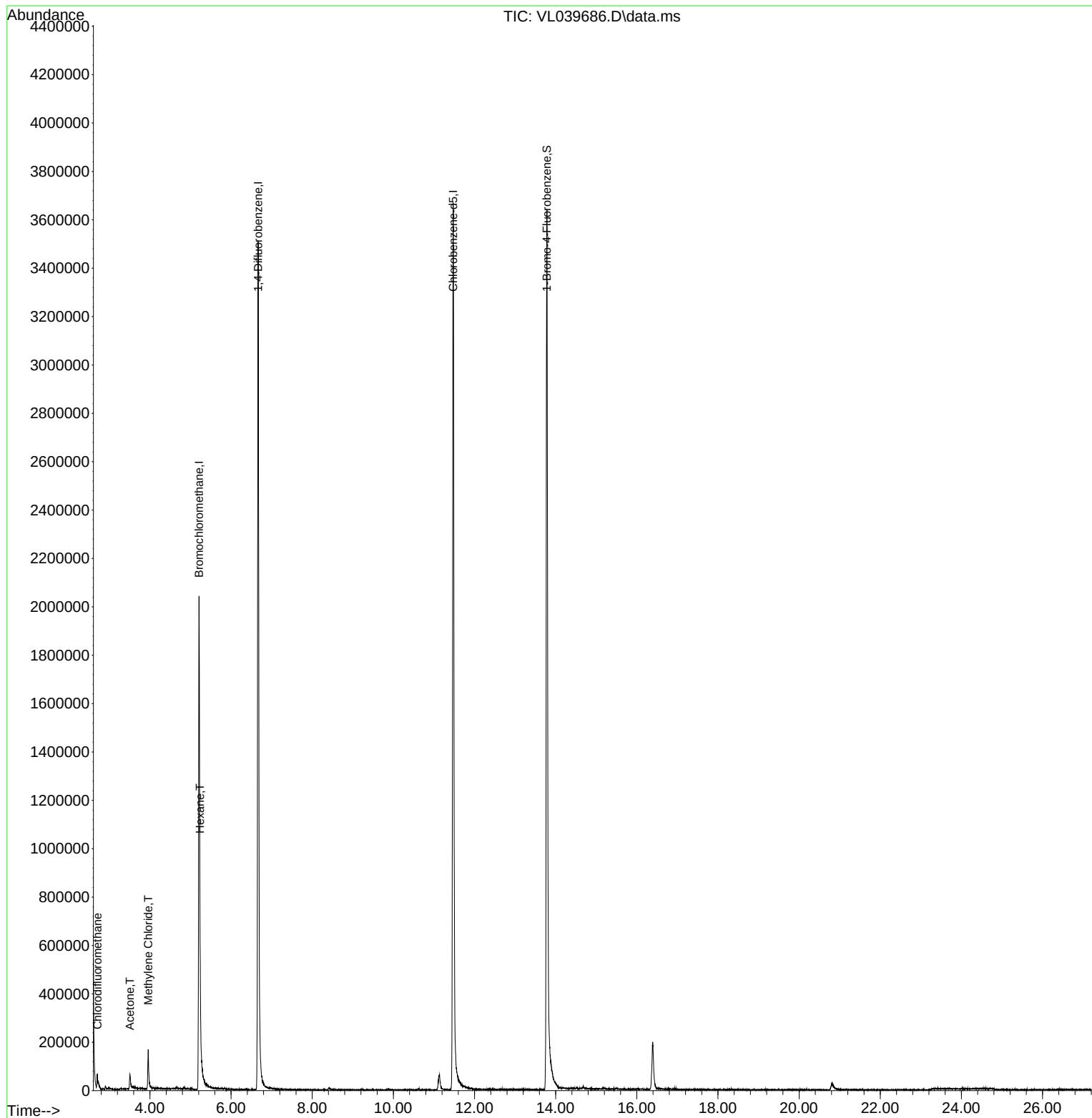
Internal Standards						
1) Bromochloromethane	5.208	49	1032787	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2759798	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2506980	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1793954	9.586	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.703	51	61574	0.502	ppbv	96
15) Acetone	3.507	43	63488	0.552	ppbv #	87
20) Methylene Chloride	3.957	84	49525	0.932	ppbv	90
26) Hexane	5.230	57	57772	0.543	ppbv #	37

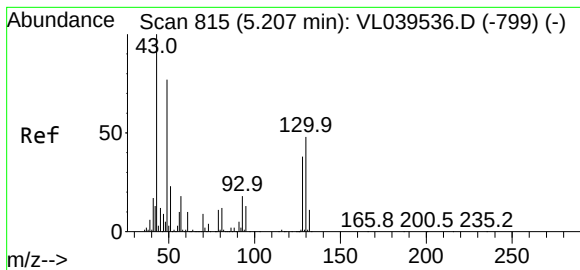
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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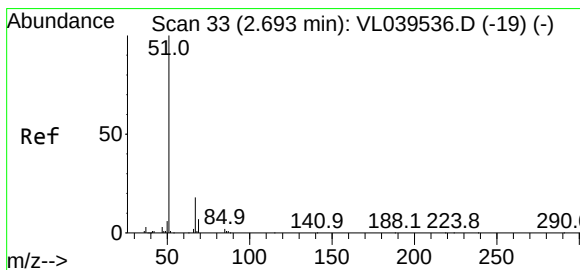
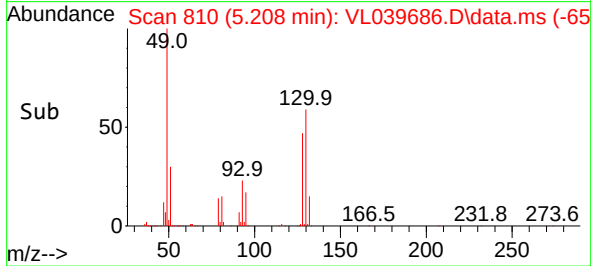
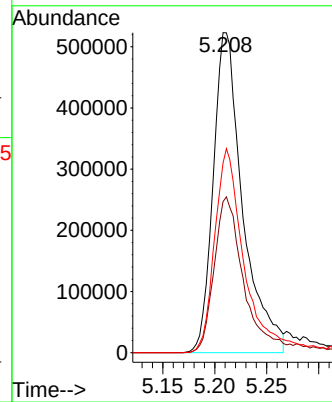
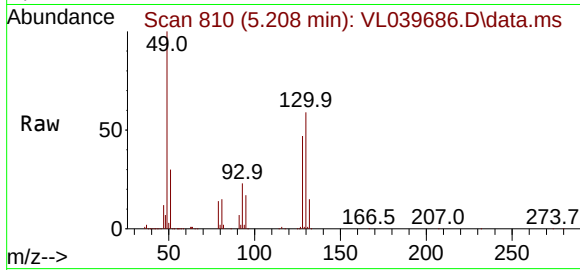


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039686.D
 Acq: 4 Oct 2022 18:28

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Tgt Ion: 49 Resp: 1032787

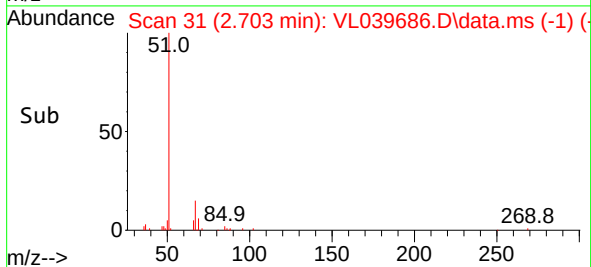
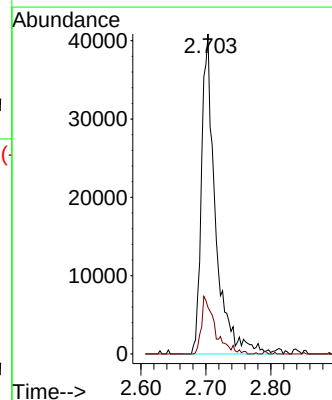
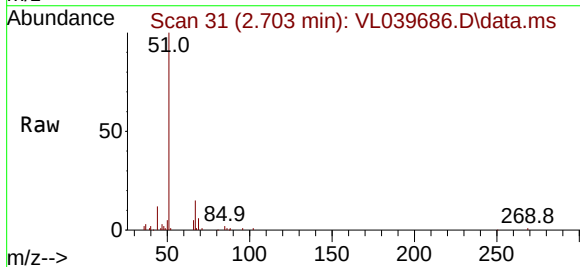
Ion	Ratio	Lower	Upper
49	100		
128	53.3	26.7	80.0
130	67.5	34.3	102.8

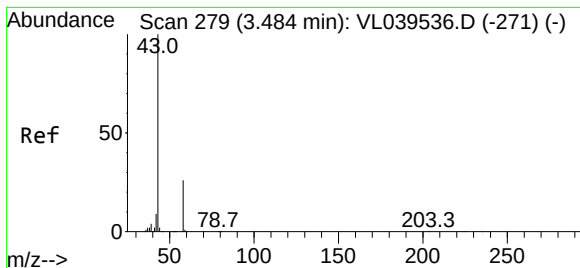


#3
 Chlorodifluoromethane
 Concen: 0.502 ppbv
 RT: 2.703 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL039686.D
 Acq: 4 Oct 2022 18:28

Tgt Ion: 51 Resp: 61574

Ion	Ratio	Lower	Upper
51	100		
67	17.6	15.7	23.5





#15

Acetone

Concen: 0.552 ppbv

RT: 3.507 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL039686.D

Acq: 4 Oct 2022 18:28

Instrument :

MSVOA_L

ClientSampleId :

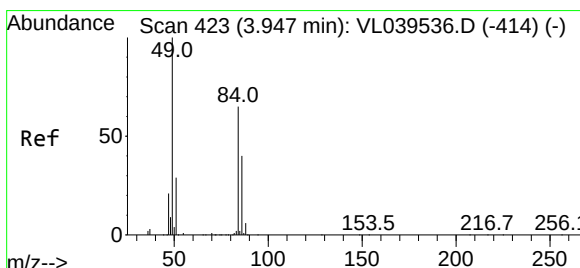
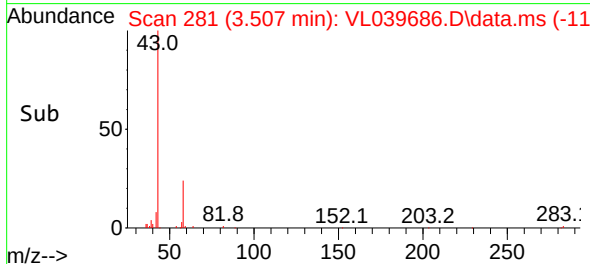
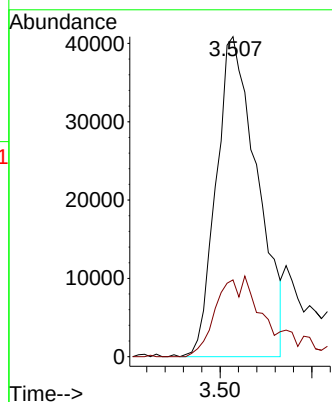
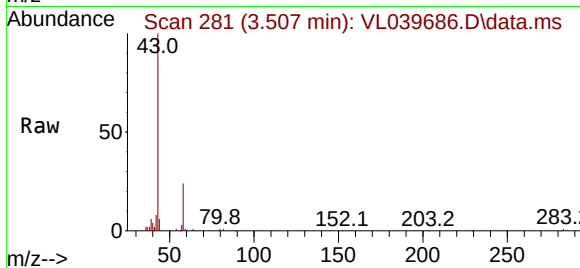
1DL

Tgt Ion: 43 Resp: 63488

Ion Ratio Lower Upper

43 100

58 33.0 21.0 31.6#



#20

Methylene Chloride

Concen: 0.932 ppbv

RT: 3.957 min Scan# 421

Delta R.T. 0.010 min

Lab File: VL039686.D

Acq: 4 Oct 2022 18:28

Tgt Ion: 84 Resp: 49525

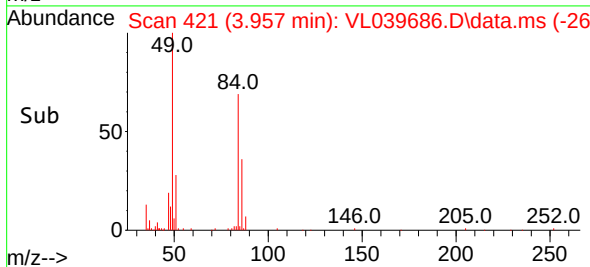
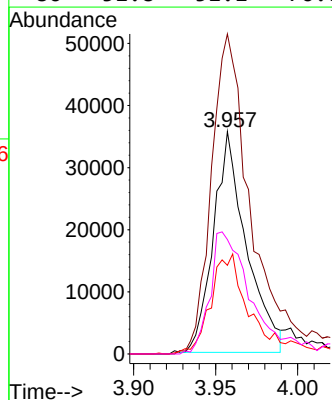
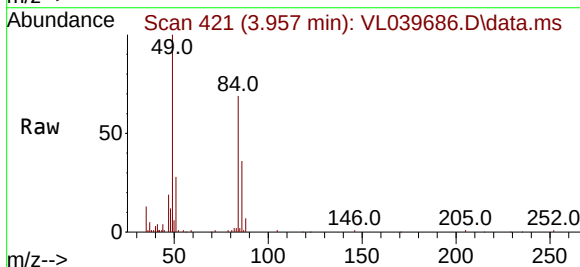
Ion Ratio Lower Upper

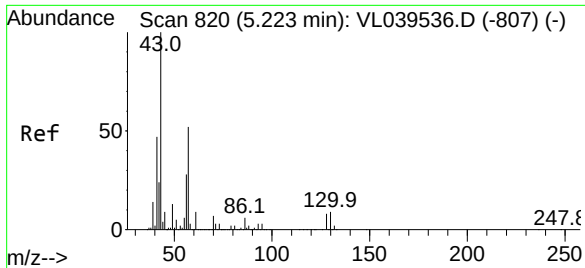
84 100

49 143.4 123.1 184.7

51 38.9 34.4 51.6

86 51.8 51.1 76.7

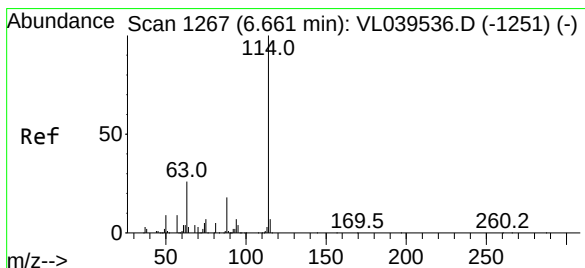
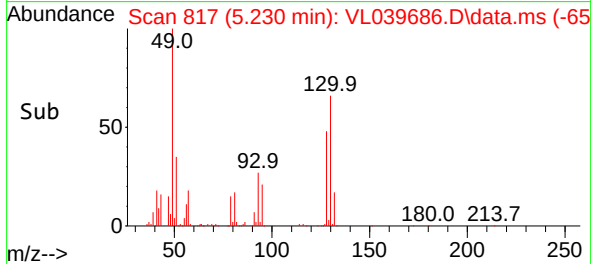
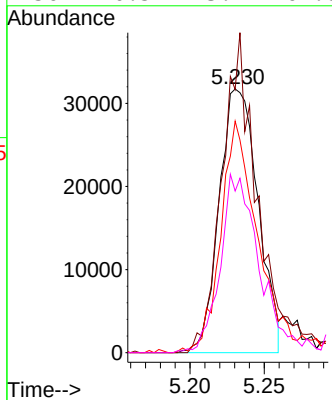
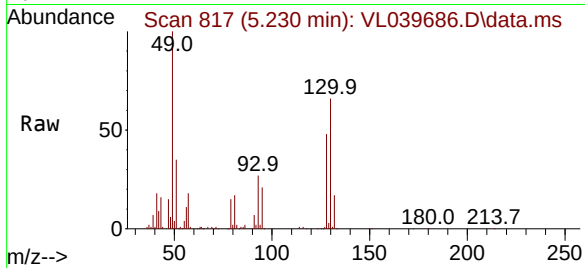




#26
Hexane
Concen: 0.543 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039686.D
Acq: 4 Oct 2022 18:28

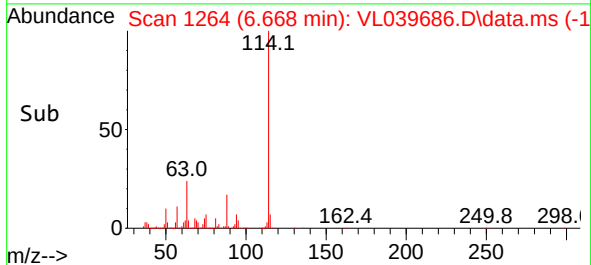
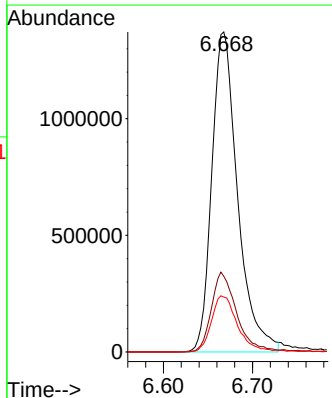
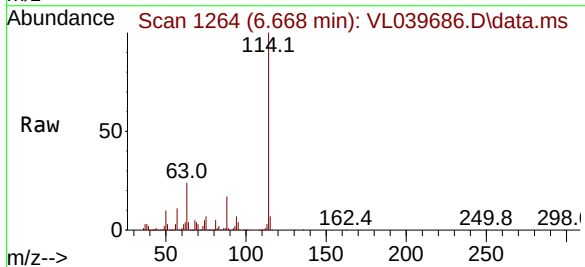
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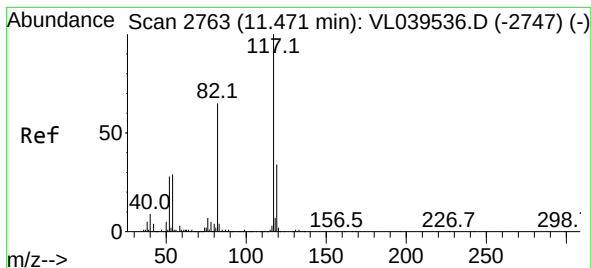
Tgt Ion: 57 Resp: 57772
Ion Ratio Lower Upper
57 100
41 117.0 76.9 115.3#
43 88.1 191.0 286.6#
56 70.5 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039686.D
Acq: 4 Oct 2022 18:28

Tgt Ion: 114 Resp: 2759798
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.1 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL039686.D

Acq: 4 Oct 2022 18:28

Instrument :

MSVOA_L

ClientSampleId :

1DL

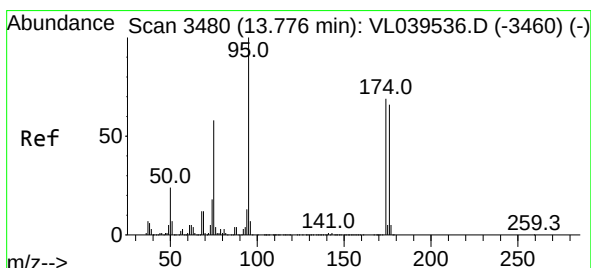
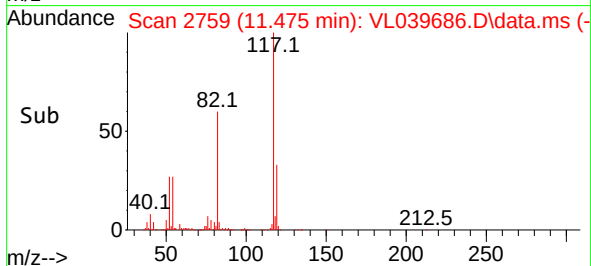
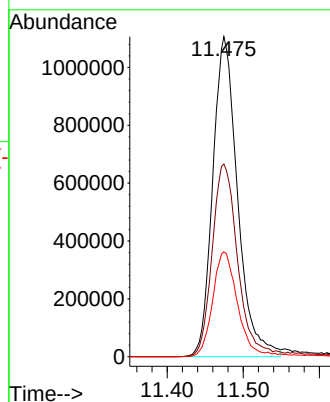
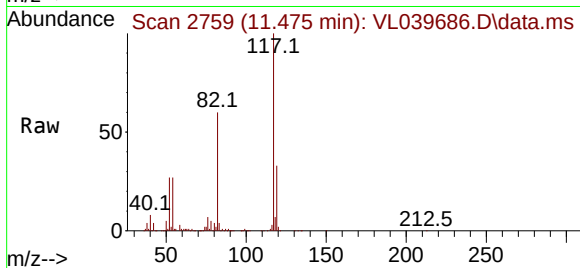
Tgt Ion:117 Resp: 2506980

Ion Ratio Lower Upper

117 100

82 63.4 50.8 76.2

119 33.8 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.586 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.010 min

Lab File: VL039686.D

Acq: 4 Oct 2022 18:28

Tgt Ion: 95 Resp: 1793954

Ion Ratio Lower Upper

95 100

174 74.5 55.9 83.9

175 5.8 4.2 6.4

