

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039692.D
 Acq On : 4 Oct 2022 22:17
 Operator : SY/AP
 Sample : N4955-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

Quant Time: Oct 05 04:43:13 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)

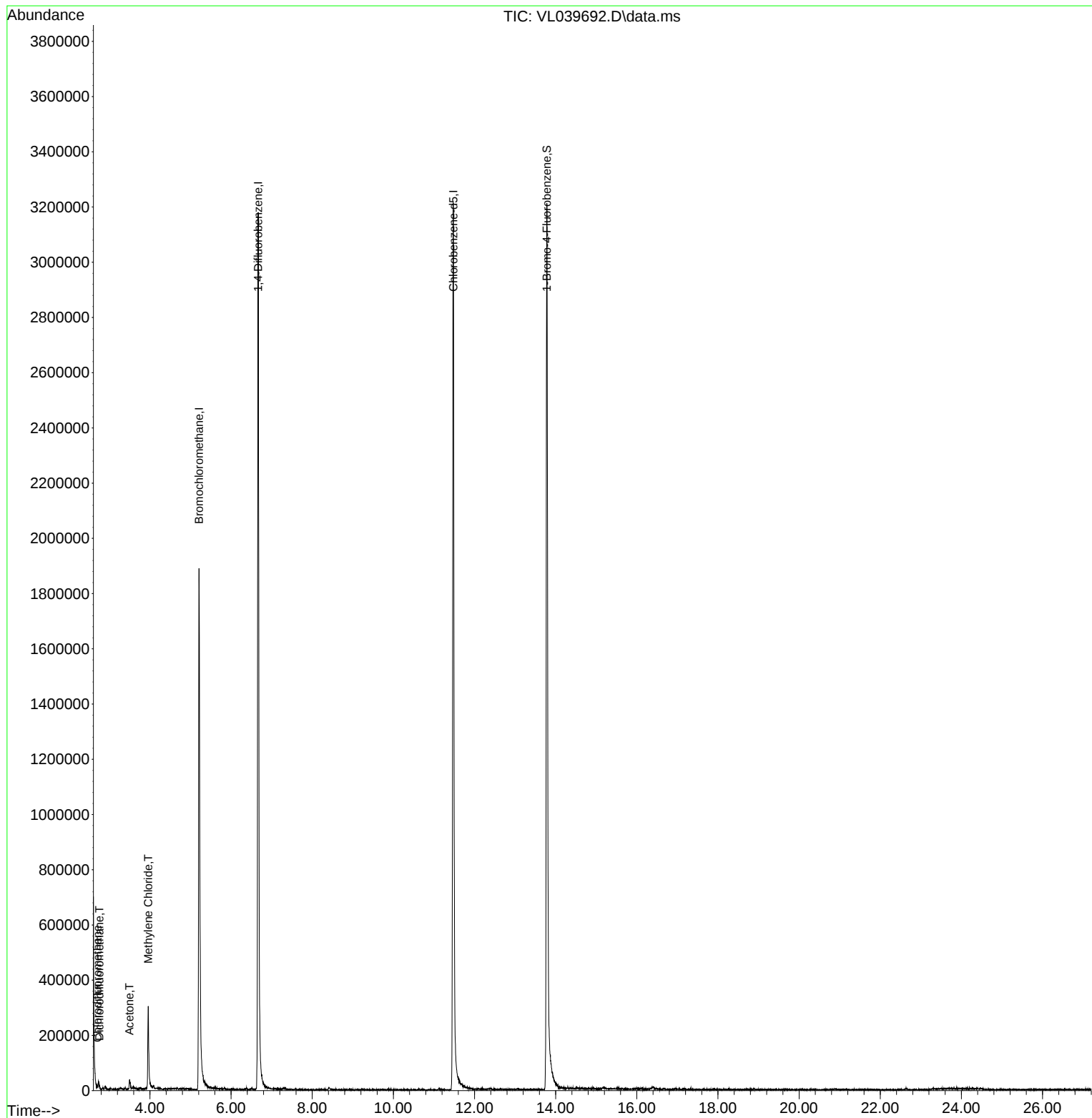
Internal Standards						
1) Bromochloromethane	5.211	49	964182	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	2421632	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2151594	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1566238	9.751	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.754	85	6149	0.055	ppbv	89
3) Chlorodifluoromethane	2.706	51	6739	0.059	ppbv #	85
15) Acetone	3.497	43	34530	0.322	ppbv	90
20) Methylene Chloride	3.960	84	108344	2.184	ppbv	96

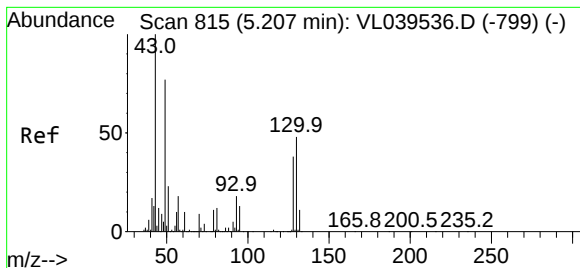
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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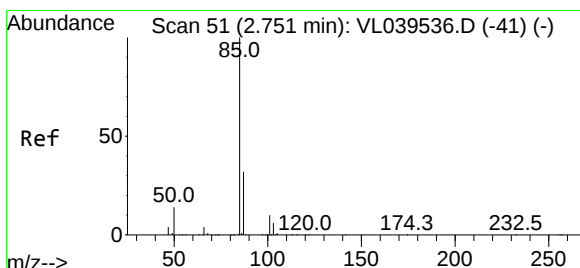
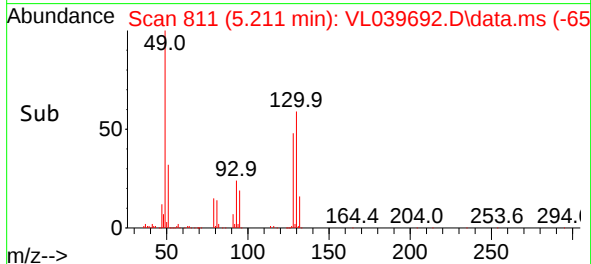
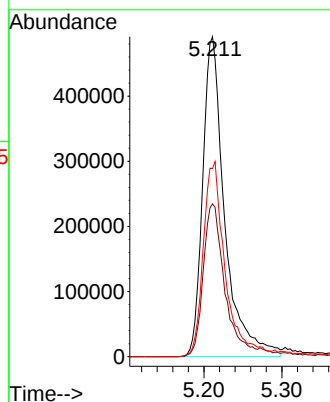
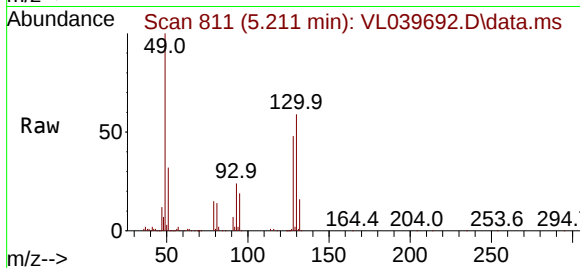




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL039692.D
 Acq: 4 Oct 2022 22:17

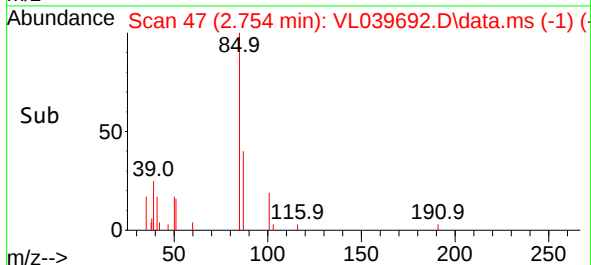
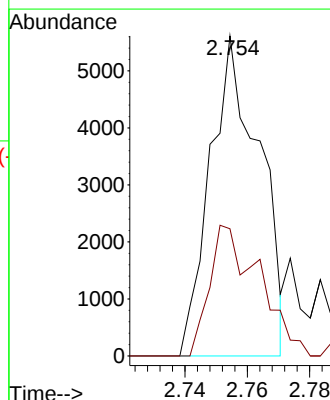
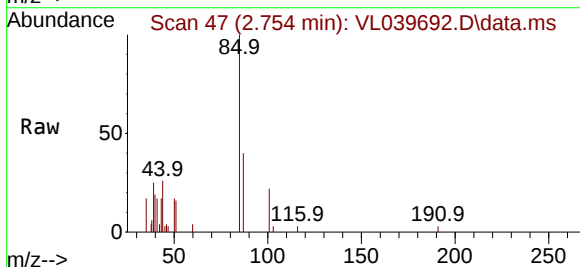
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

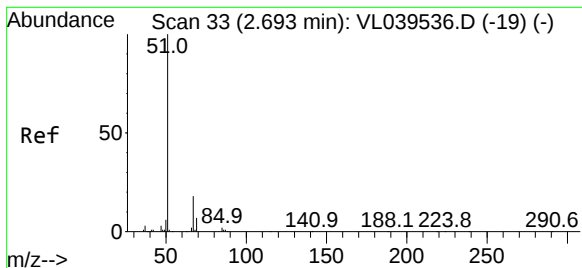
Tgt Ion: 49 Resp: 964182
 Ion Ratio Lower Upper
 49 100
 128 49.2 26.7 80.0
 130 63.4 34.3 102.8



#2
 Dichlorodifluoromethane
 Concen: 0.055 ppbv
 RT: 2.754 min Scan# 47
 Delta R.T. 0.004 min
 Lab File: VL039692.D
 Acq: 4 Oct 2022 22:17

Tgt Ion: 85 Resp: 6149
 Ion Ratio Lower Upper
 85 100
 87 39.8 26.7 40.1

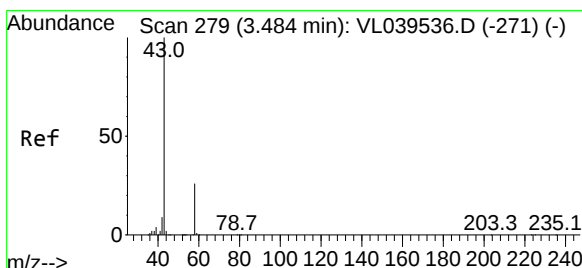
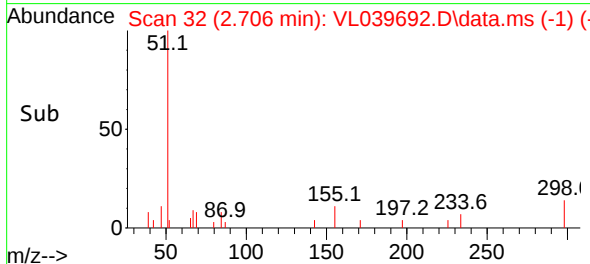
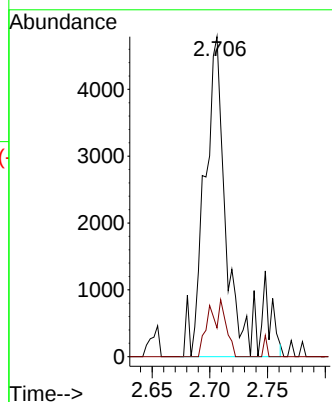
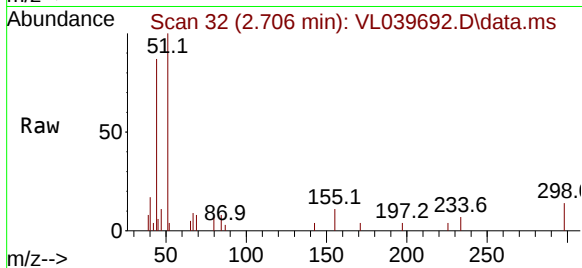




#3
 Chlorodifluoromethane
 Concen: 0.059 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VL039692.D
 Acq: 4 Oct 2022 22:17

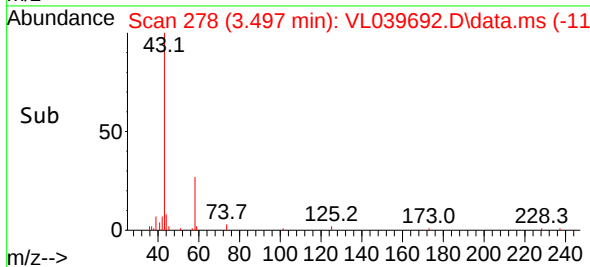
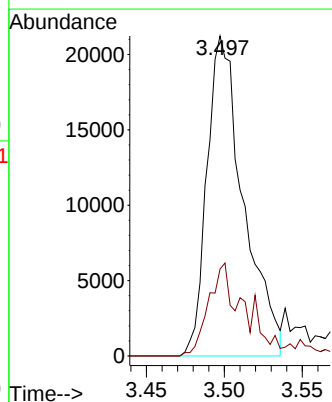
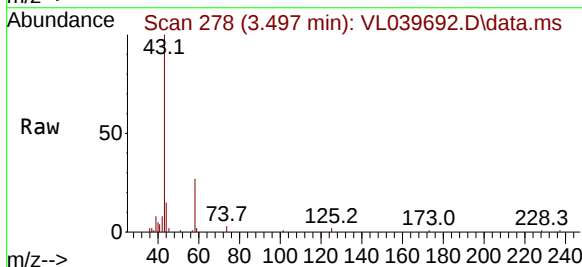
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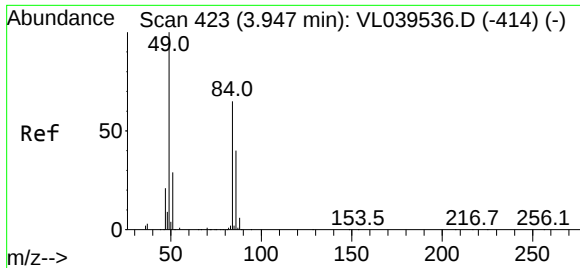
Tgt Ion: 51 Resp: 6739
 Ion Ratio Lower Upper
 51 100
 67 12.9 15.7 23.5#



#15
 Acetone
 Concen: 0.322 ppbv
 RT: 3.497 min Scan# 278
 Delta R.T. 0.013 min
 Lab File: VL039692.D
 Acq: 4 Oct 2022 22:17

Tgt Ion: 43 Resp: 34530
 Ion Ratio Lower Upper
 43 100
 58 31.5 21.0 31.6

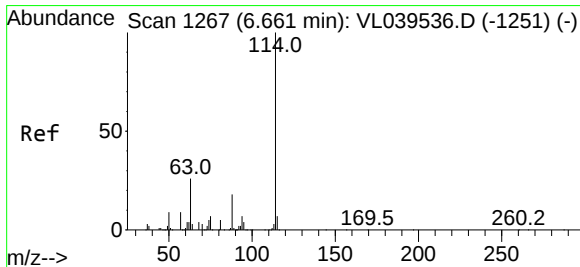
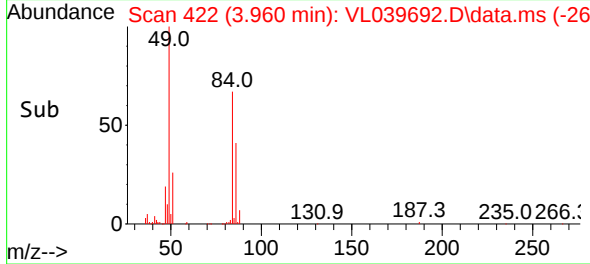
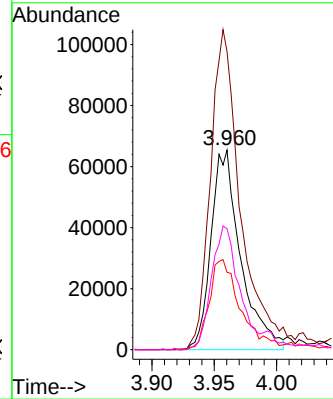
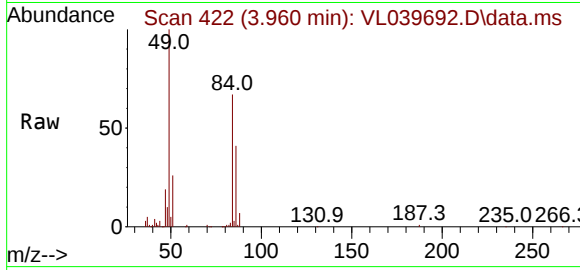




#20
Methylene Chloride
Concen: 2.184 ppbv
RT: 3.960 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039692.D
Acq: 4 Oct 2022 22:17

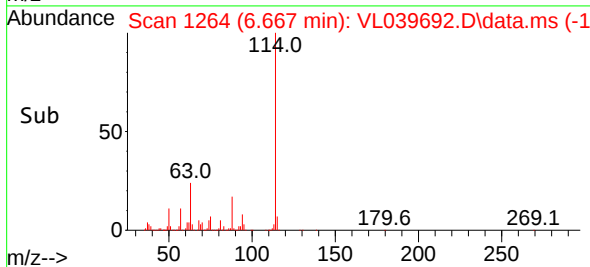
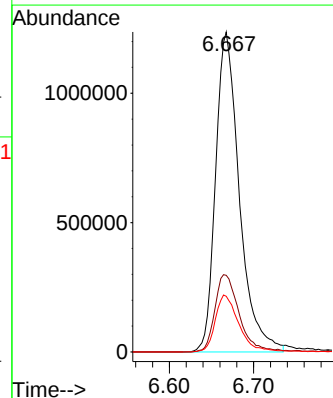
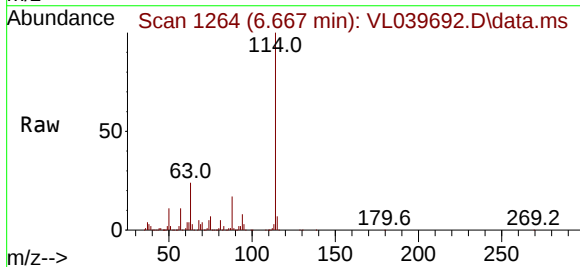
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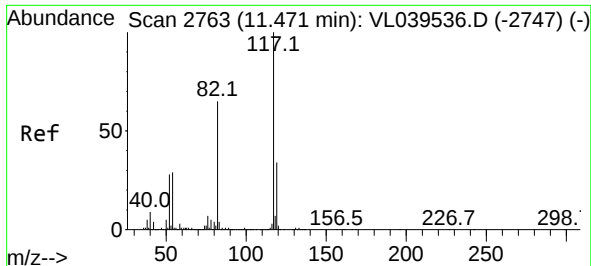
Tgt Ion: 84	Resp: 108344
Ion Ratio	Lower Upper
84 100	
49 149.1	123.1 184.7
51 38.8	34.4 51.6
86 60.7	51.1 76.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.667 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039692.D
Acq: 4 Oct 2022 22:17

Tgt Ion:114	Resp: 2421632		
Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.4
88	17.8	14.5	21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL039692.D

Acq: 4 Oct 2022 22:17

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

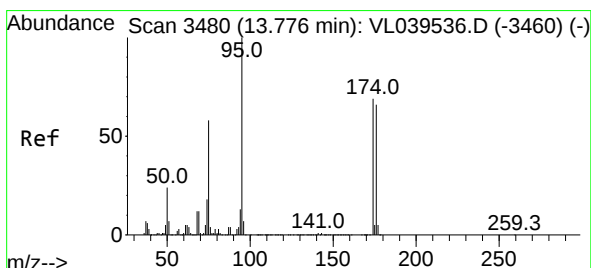
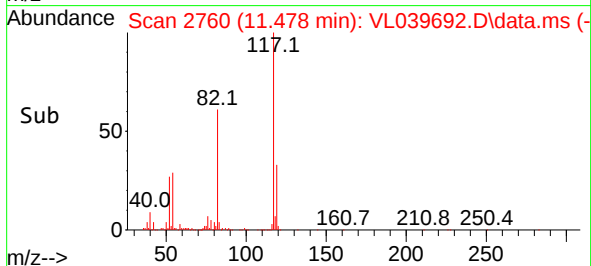
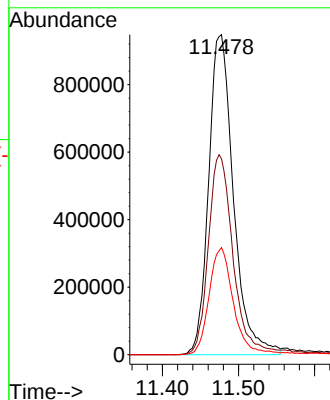
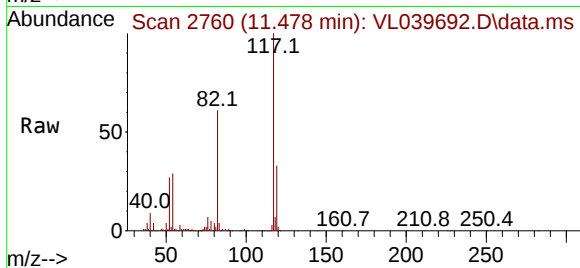
Tgt Ion:117 Resp: 2151594

Ion Ratio Lower Upper

117 100

82 64.0 50.8 76.2

119 33.1 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.751 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.007 min

Lab File: VL039692.D

Acq: 4 Oct 2022 22:17

Tgt Ion: 95 Resp: 1566238

Ion Ratio Lower Upper

95 100

174 74.3 55.9 83.9

175 5.4 4.2 6.4

