

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039693.D
 Acq On : 4 Oct 2022 22:55
 Operator : SY/AP
 Sample : N4955-13 LOD 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 05 04:43:31 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)

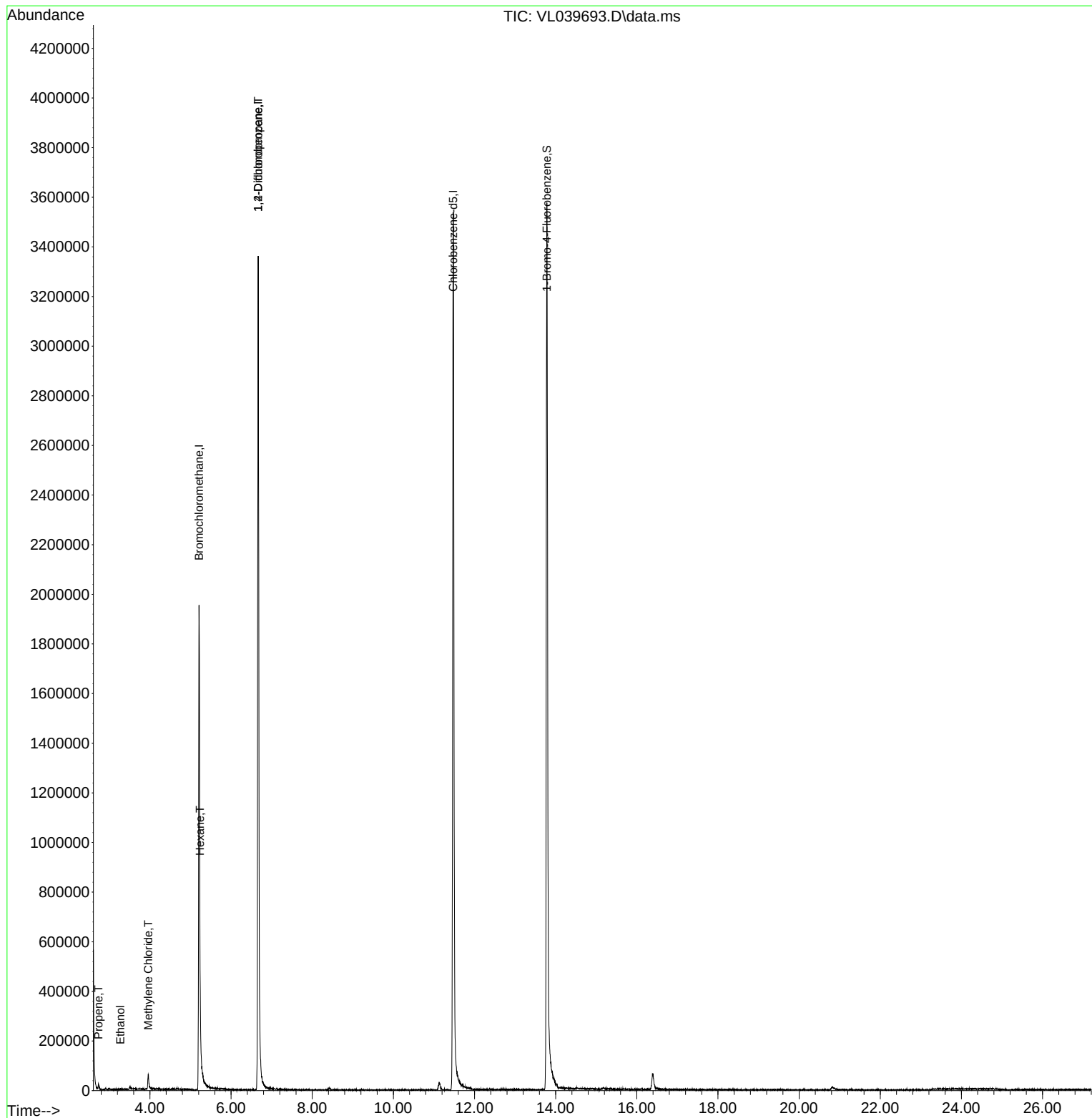
Internal Standards						
1) Bromochloromethane	5.211	49	1009207	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2636015	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2366020	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1742140	9.864	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	5932	0.108	ppbv	84
13) Ethanol	3.269	45	365	0.088	ppbv #	23
20) Methylene Chloride	3.957	84	15198	0.293	ppbv	91
26) Hexane	5.230	57	12045	0.116	ppbv #	37
39) 1,2-Dichloropropane	6.668	63	637113	8.187	ppbv #	26

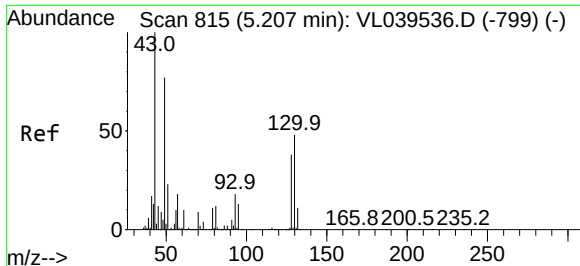
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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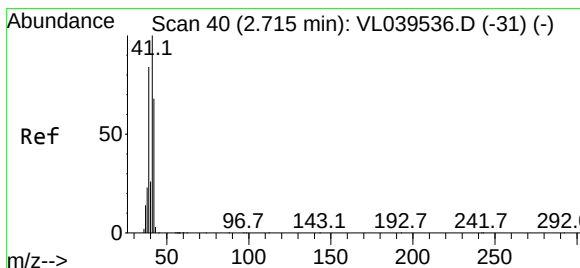
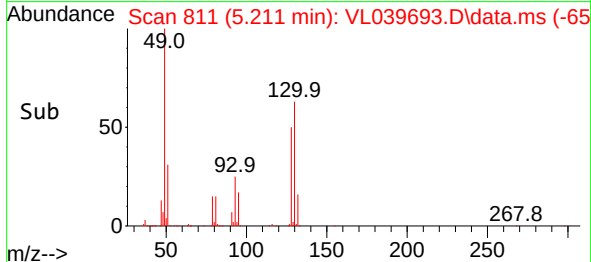
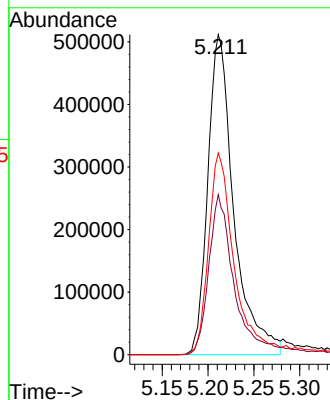
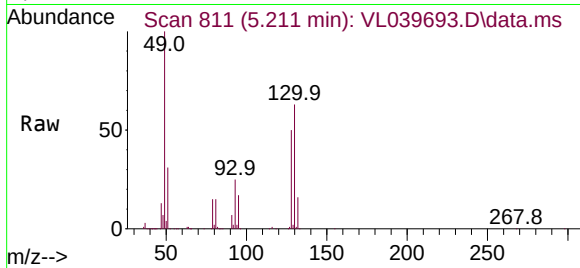




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039693.D
Acq: 4 Oct 2022 22:55

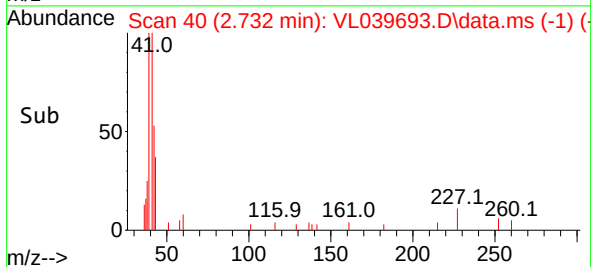
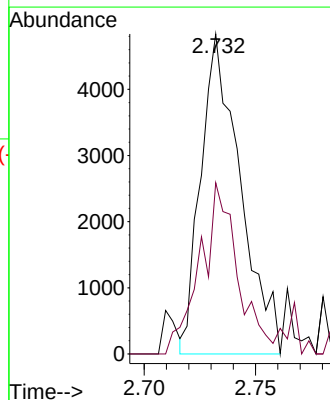
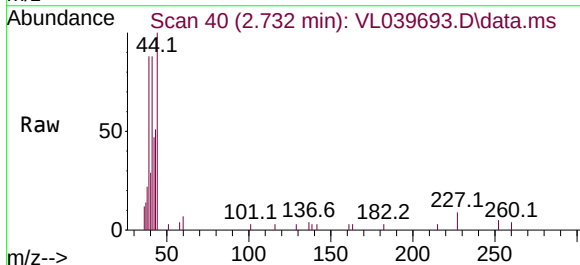
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

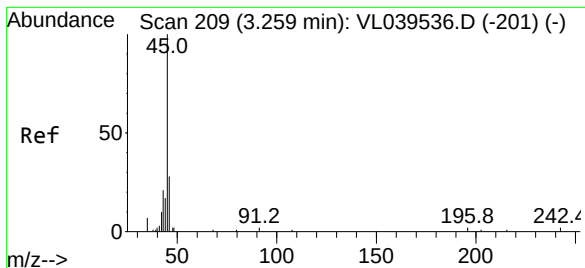
Tgt Ion: 49 Resp: 1009207
Ion Ratio Lower Upper
49 100
128 51.9 26.7 80.0
130 65.3 34.3 102.8



#9
Propene
Concen: 0.108 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.017 min
Lab File: VL039693.D
Acq: 4 Oct 2022 22:55

Tgt Ion: 41 Resp: 5932
Ion Ratio Lower Upper
41 100
42 55.9 55.2 82.8

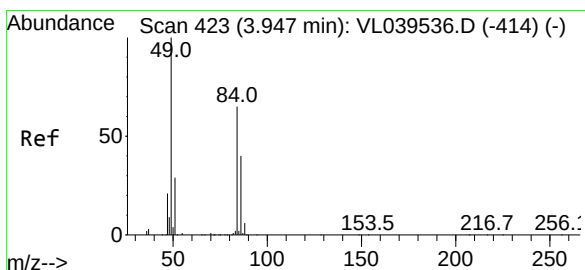
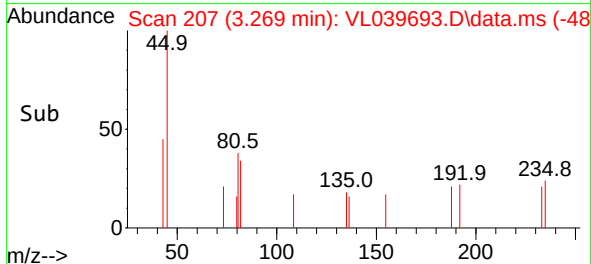
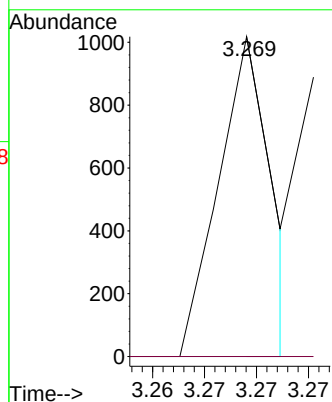
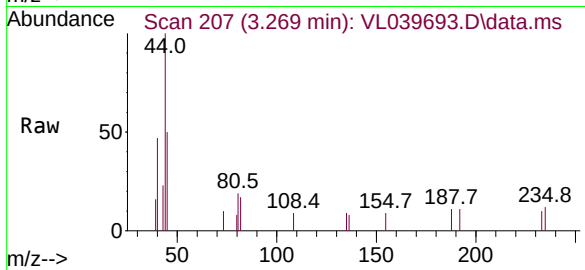




#13
 Ethanol
 Concen: 0.088 ppbv
 RT: 3.269 min Scan# 209
 Delta R.T. 0.010 min
 Lab File: VL039693.D
 Acq: 4 Oct 2022 22:55

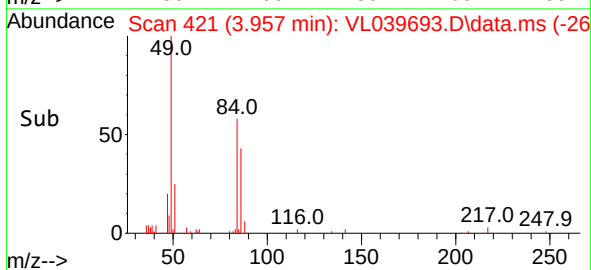
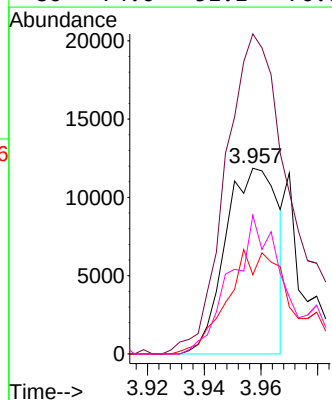
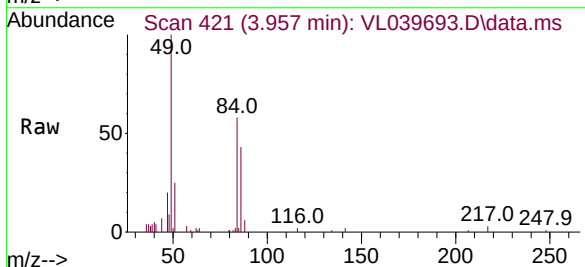
Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

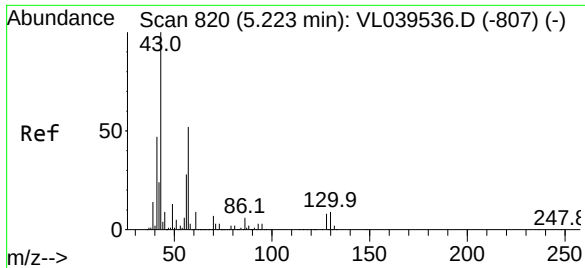
Tgt Ion: 45 Resp: 365
 Ion Ratio Lower Upper
 45 100
 46 0.0 22.8 91.2#



#20
 Methylene Chloride
 Concen: 0.293 ppbv
 RT: 3.957 min Scan# 421
 Delta R.T. 0.010 min
 Lab File: VL039693.D
 Acq: 4 Oct 2022 22:55

Tgt Ion: 84 Resp: 15198
 Ion Ratio Lower Upper
 84 100
 49 165.8 123.1 184.7
 51 41.2 34.4 51.6
 86 74.6 51.1 76.7

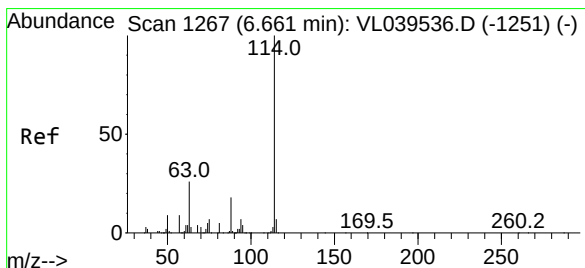
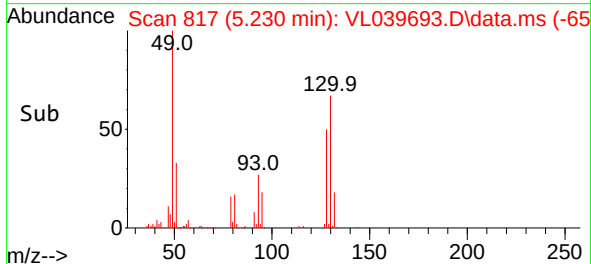
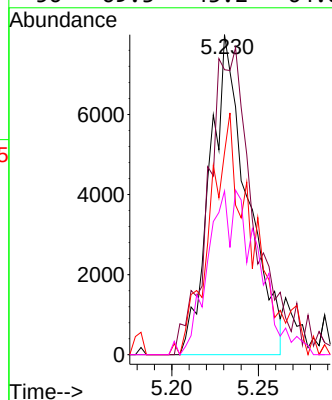
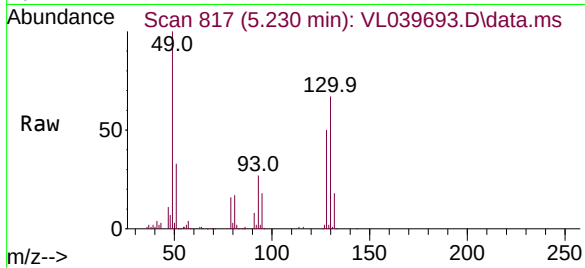




#26
Hexane
Concen: 0.116 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.007 min
Lab File: VL039693.D
Acq: 4 Oct 2022 22:55

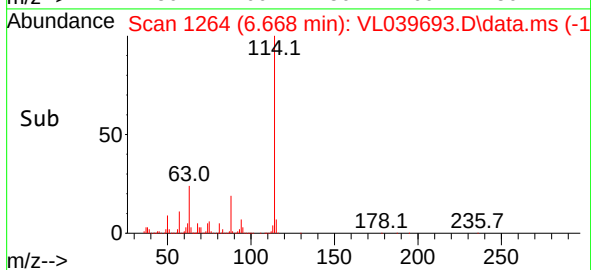
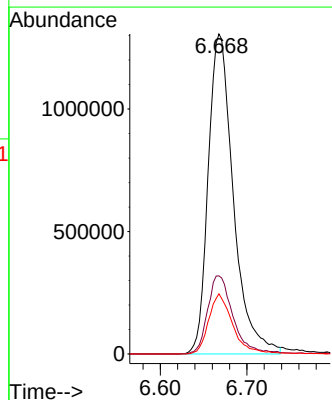
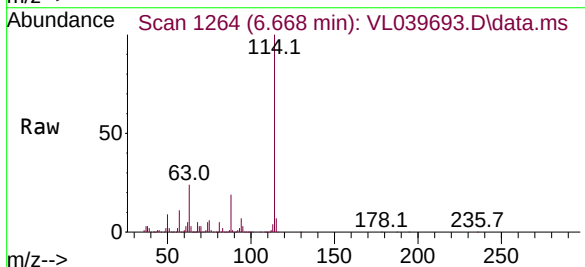
Instrument :
MSVOA_L
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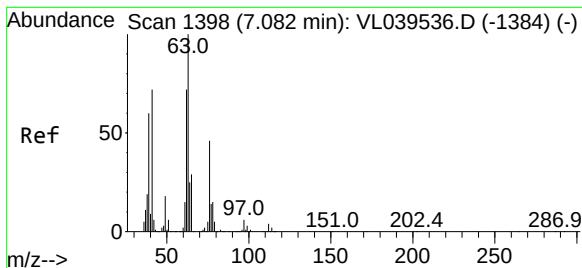
Tgt Ion: 57 Resp: 12045
Ion Ratio Lower Upper
57 100
41 119.4 76.9 115.3#
43 88.3 191.0 286.6#
56 69.3 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039693.D
Acq: 4 Oct 2022 22:55

Tgt Ion: 114 Resp: 2636015
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 18.1 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.187 ppbv

RT: 6.668 min Scan# 1

Delta R.T. -0.414 min

Lab File: VL039693.D

Acq: 4 Oct 2022 22:55

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

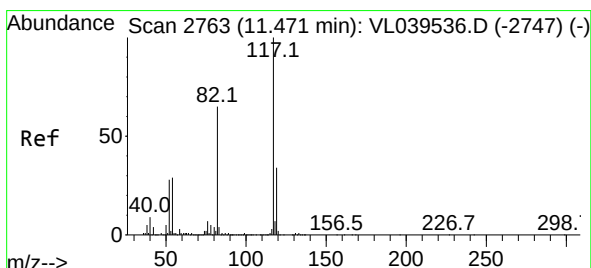
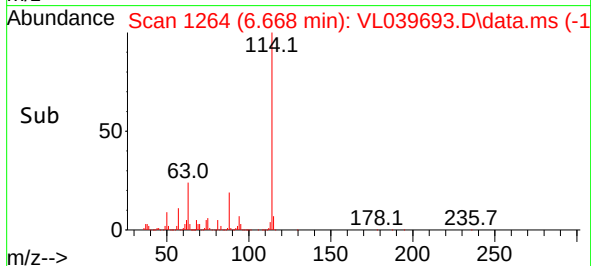
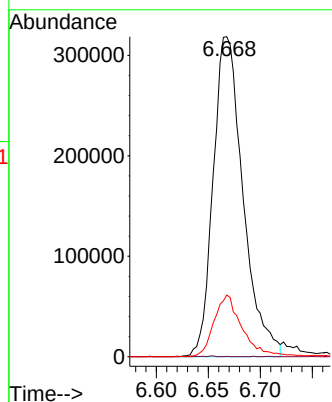
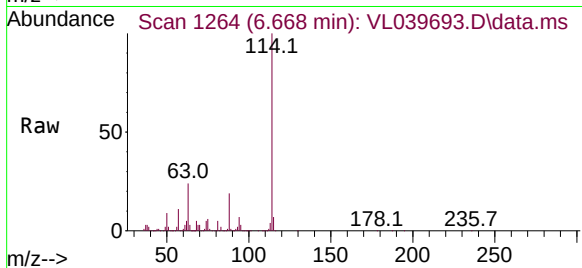
Tgt Ion: 63 Resp: 637113

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 19.3 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2759

Delta R.T. 0.004 min

Lab File: VL039693.D

Acq: 4 Oct 2022 22:55

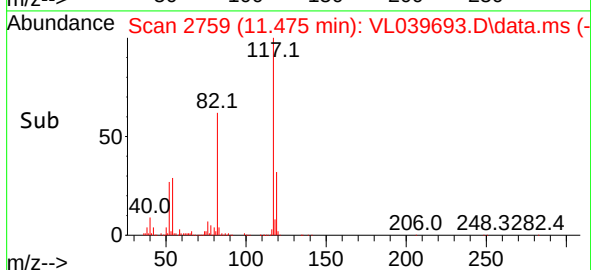
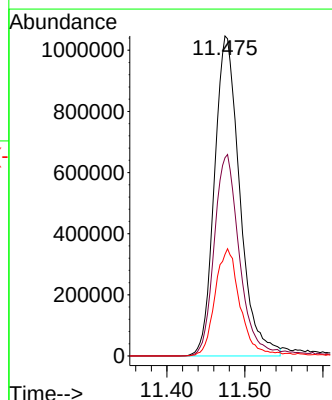
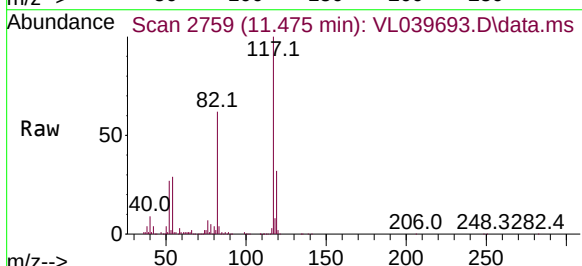
Tgt Ion: 117 Resp: 2366020

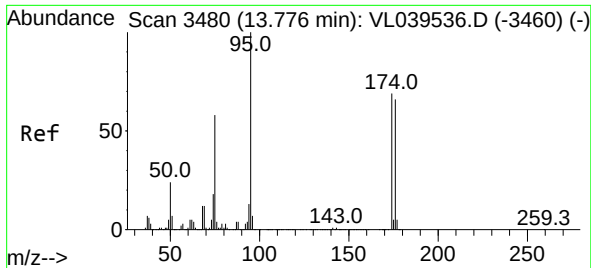
Ion Ratio Lower Upper

117 100

82 64.9 50.8 76.2

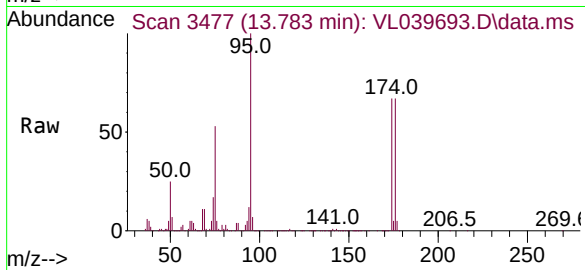
119 34.1 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.864 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039693.D
 Acq: 4 Oct 2022 22:55

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



Tgt Ion: 95 Resp: 1742140

Ion	Ratio	Lower	Upper
95	100		
174	73.8	55.9	83.9
175	4.7	4.2	6.4

