

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039748.D
 Acq On : 21 Oct 2022 17:58
 Operator : SY/AP
 Sample : VL1021ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABL01

Quant Time: Oct 22 02:38:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

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

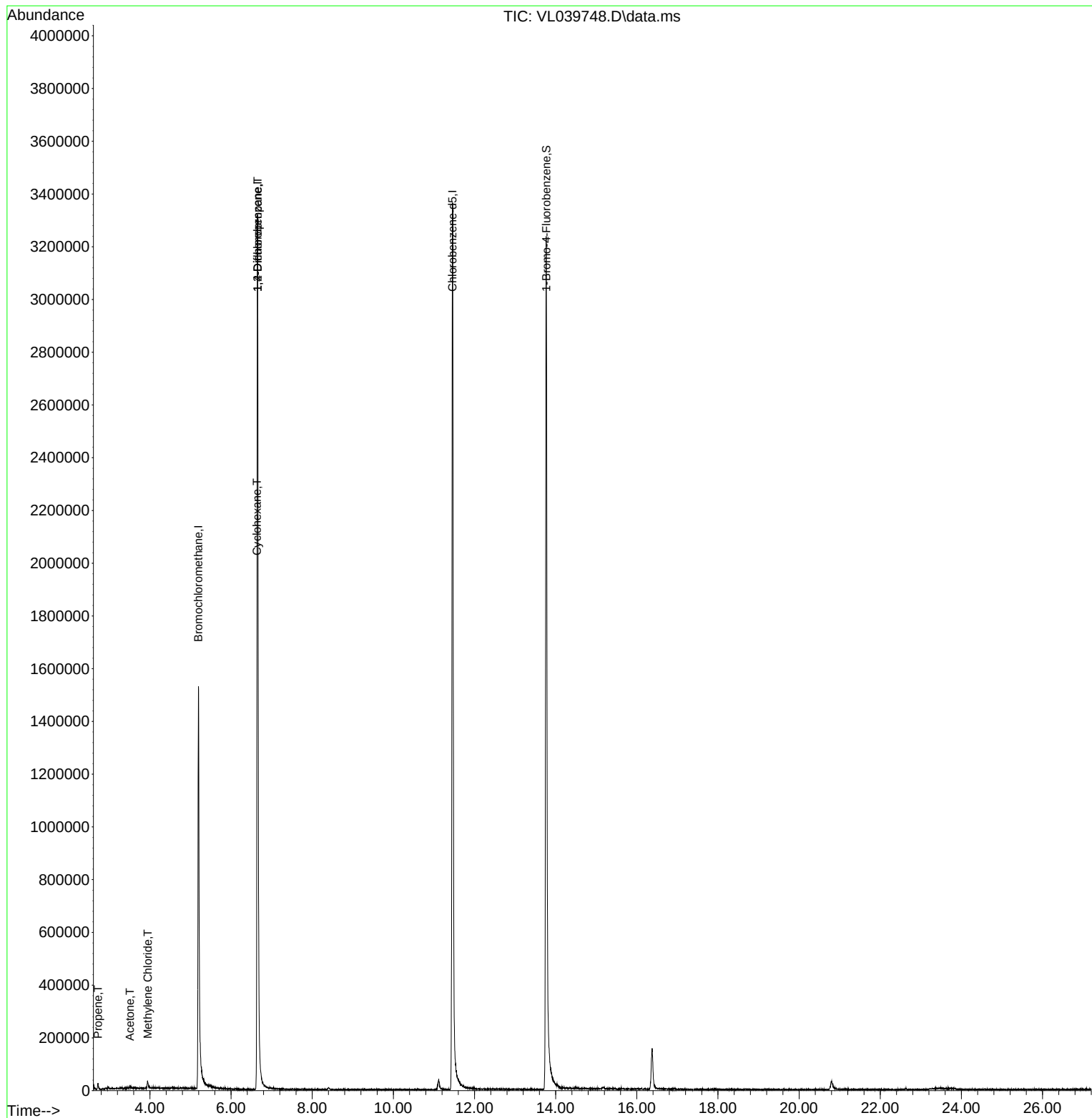
Internal Standards						
1) Bromochloromethane	5.195	49	878213	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2644049	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2225864	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1551282	9.818	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.719	41	6223	0.122	ppbv	92
15) Acetone	3.504	43	5646	0.053	ppbv #	64
20) Methylene Chloride	3.947	84	5774	0.135	ppbv #	67
30) Cyclohexane	6.639	84	3144	0.043	ppbv #	1
39) 1,2-Dichloropropane	6.651	63	645895	8.438	ppbv #	24

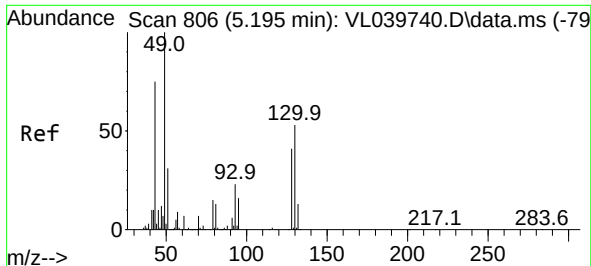
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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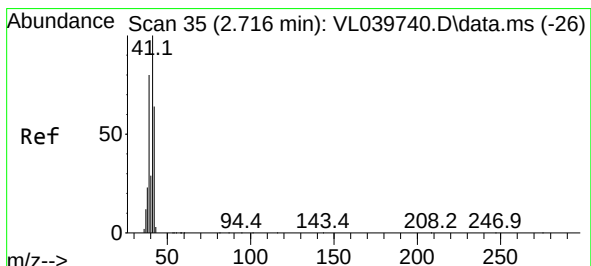
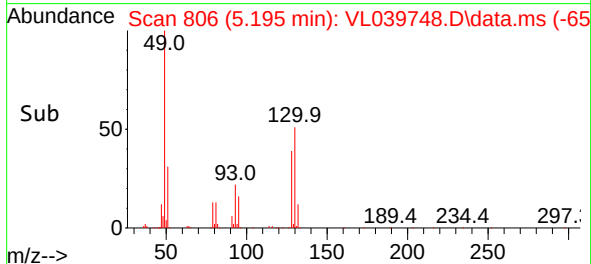
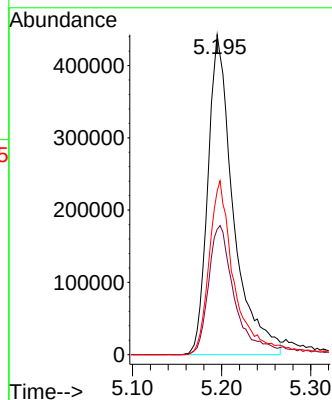
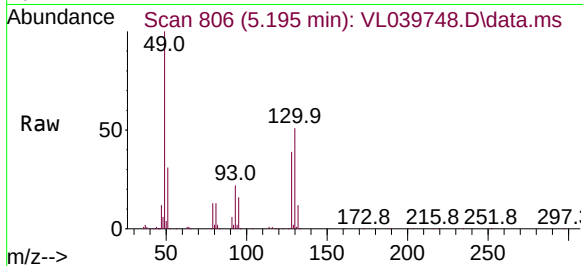




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL039748.D
 Acq: 21 Oct 2022 17:58

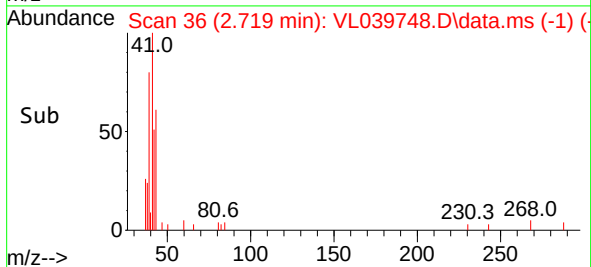
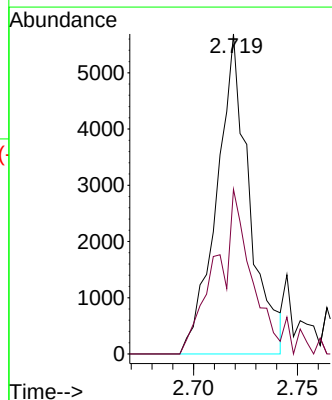
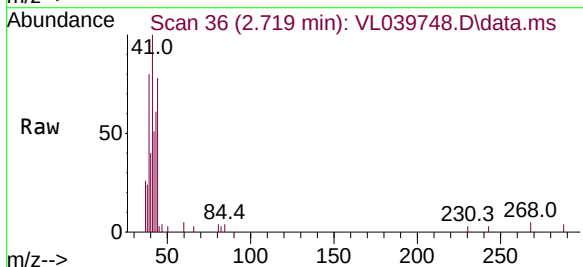
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1021ABL01

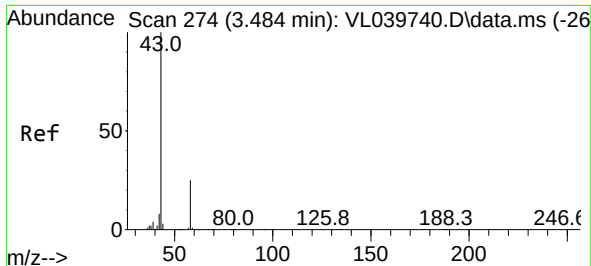
Tgt Ion: 49 Resp: 878213
 Ion Ratio Lower Upper
 49 100
 128 44.8 22.6 67.8
 130 55.9 29.0 87.0



#9
 Propene
 Concen: 0.122 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.003 min
 Lab File: VL039748.D
 Acq: 21 Oct 2022 17:58

Tgt Ion: 41 Resp: 6223
 Ion Ratio Lower Upper
 41 100
 42 61.5 54.4 81.6

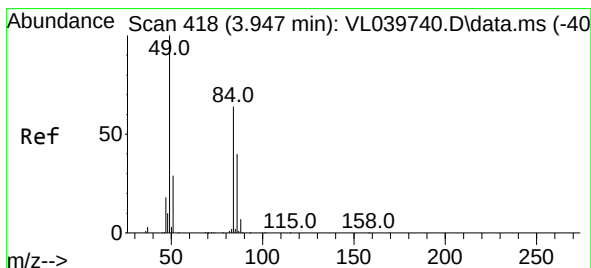
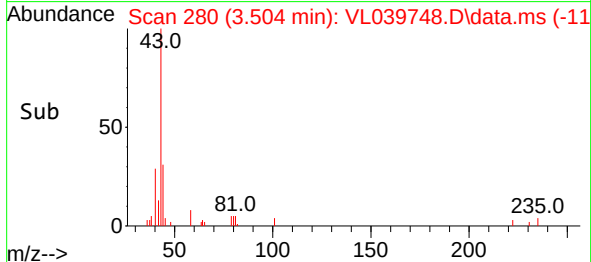
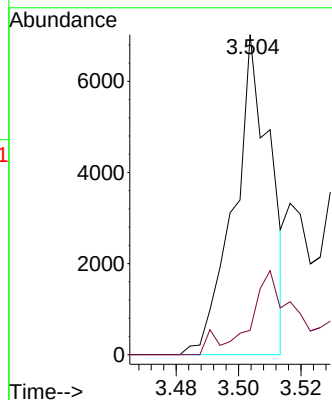
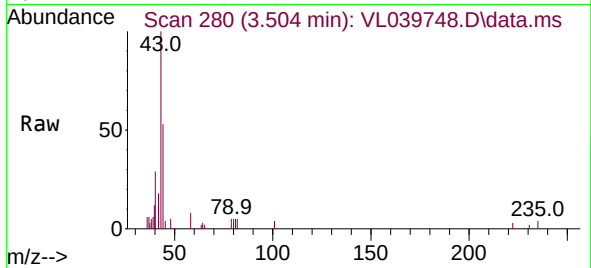




#15
Acetone
Concen: 0.053 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039748.D
Acq: 21 Oct 2022 17:58

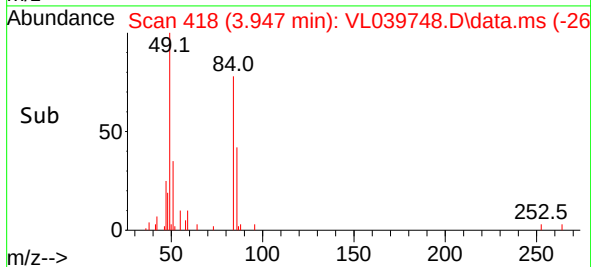
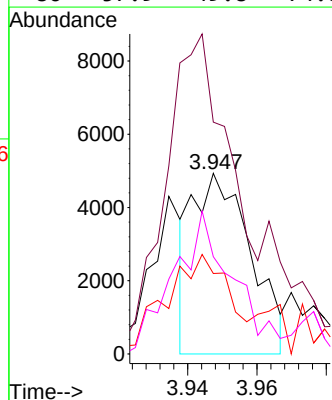
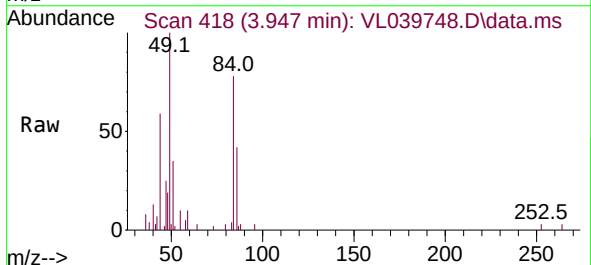
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABL01

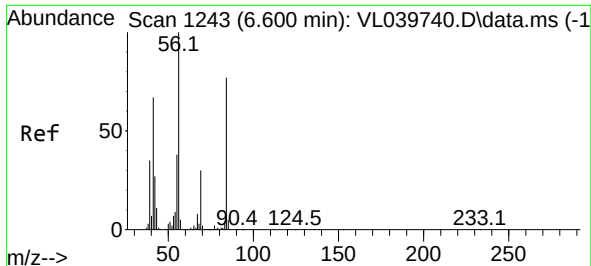
Tgt Ion: 43 Resp: 5646
Ion Ratio Lower Upper
43 100
58 44.5 20.9 31.3#



#20
Methylene Chloride
Concen: 0.135 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL039748.D
Acq: 21 Oct 2022 17:58

Tgt Ion: 84 Resp: 5774
Ion Ratio Lower Upper
84 100
49 99.0 124.2 186.4#
51 22.0 36.6 54.8#
86 57.9 49.8 74.8

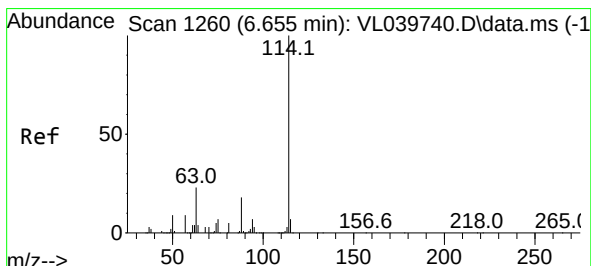
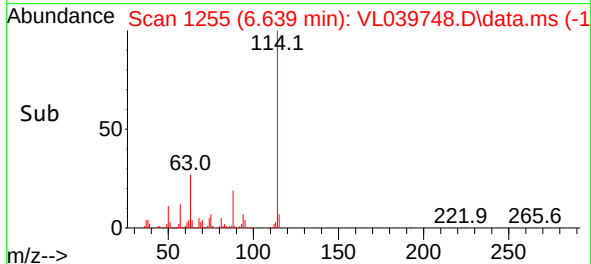
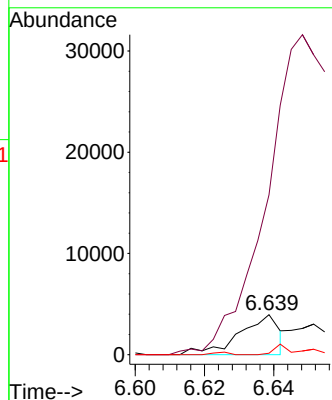
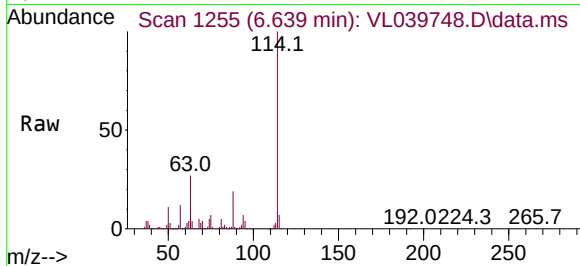




#30
Cyclohexane
Concen: 0.043 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.039 min
Lab File: VL039748.D
Acq: 21 Oct 2022 17:58

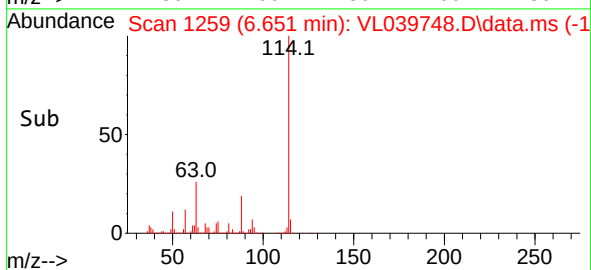
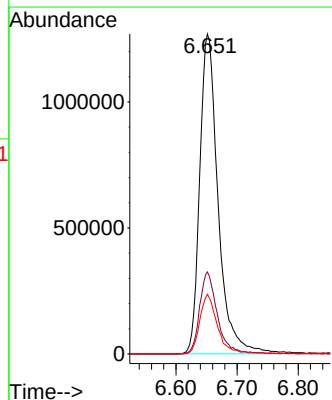
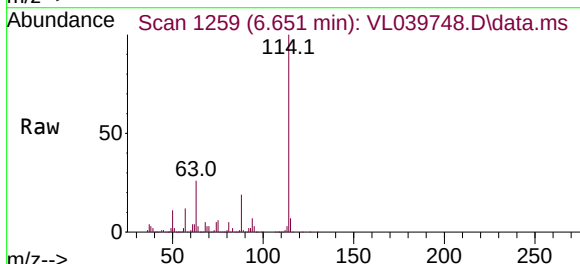
Instrument :
MSVOA_L
ClientSampleId :
VL1021ABL01

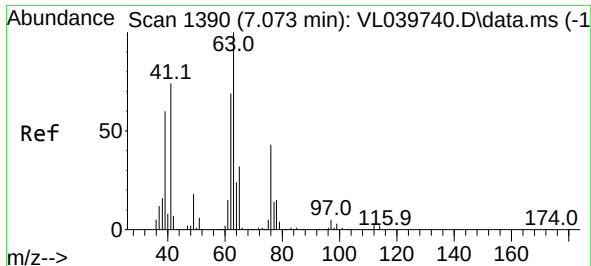
Tgt Ion: 84 Resp: 3144
Ion Ratio Lower Upper
84 100
56 0.0 114.2 171.4#
41 23.2 74.2 111.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL039748.D
Acq: 21 Oct 2022 17:58

Tgt Ion: 114 Resp: 2644049
Ion Ratio Lower Upper
114 100
63 25.2 19.8 29.6
88 18.1 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.438 ppbv

RT: 6.651 min Scan# 1

Delta R.T. -0.421 min

Lab File: VL039748.D

Acq: 21 Oct 2022 17:58

Instrument :

MSVOA_L

ClientSampleId :

VL1021ABL01

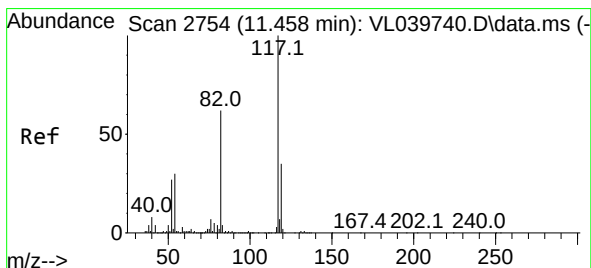
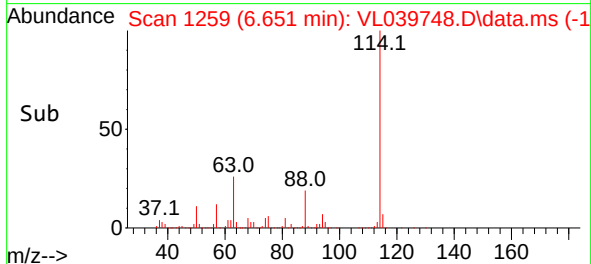
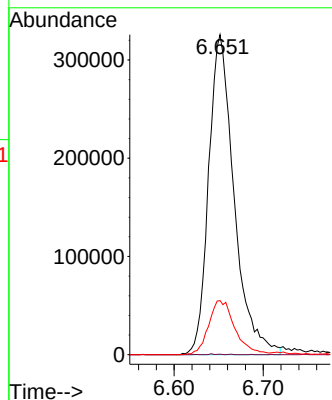
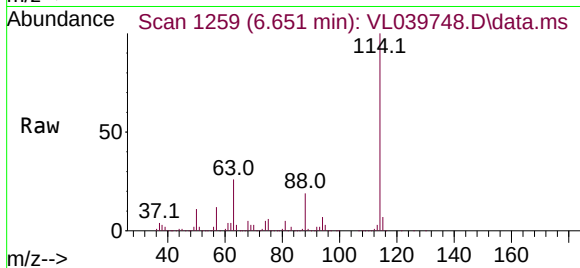
Tgt Ion: 63 Resp: 645895

Ion Ratio Lower Upper

63 100

41 0.2 59.5 89.3#

62 16.9 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. 0.000 min

Lab File: VL039748.D

Acq: 21 Oct 2022 17:58

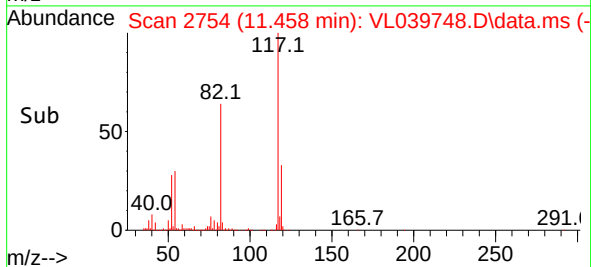
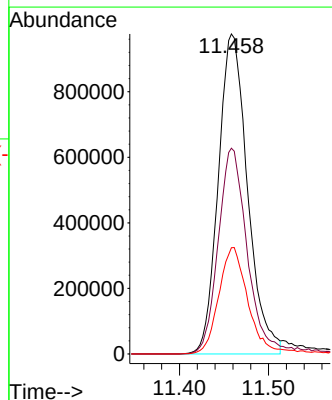
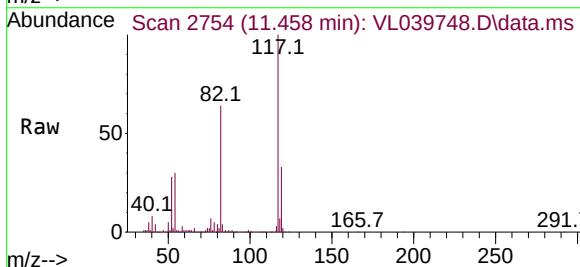
Tgt Ion: 117 Resp: 2225864

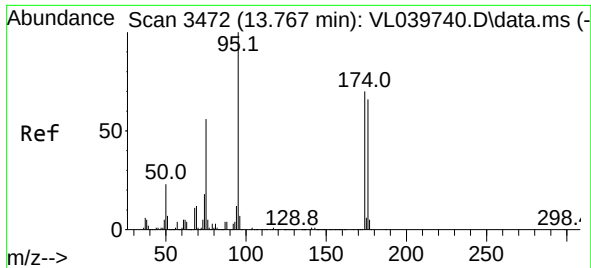
Ion Ratio Lower Upper

117 100

82 66.6 51.4 77.0

119 34.3 24.6 36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.818 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VL039748.D
 Acq: 21 Oct 2022 17:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1021ABL01

Tgt Ion: 95 Resp: 1551282
 Ion Ratio Lower Upper
 95 100
 174 75.3 56.5 84.7
 175 5.7 4.2 6.4

