

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039639.D
 Acq On : 21 Sep 2022 17:38
 Operator : SY/AP
 Sample : QC091222 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091222 CAN 10448

Quant Time: Sep 22 08:17:25 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)

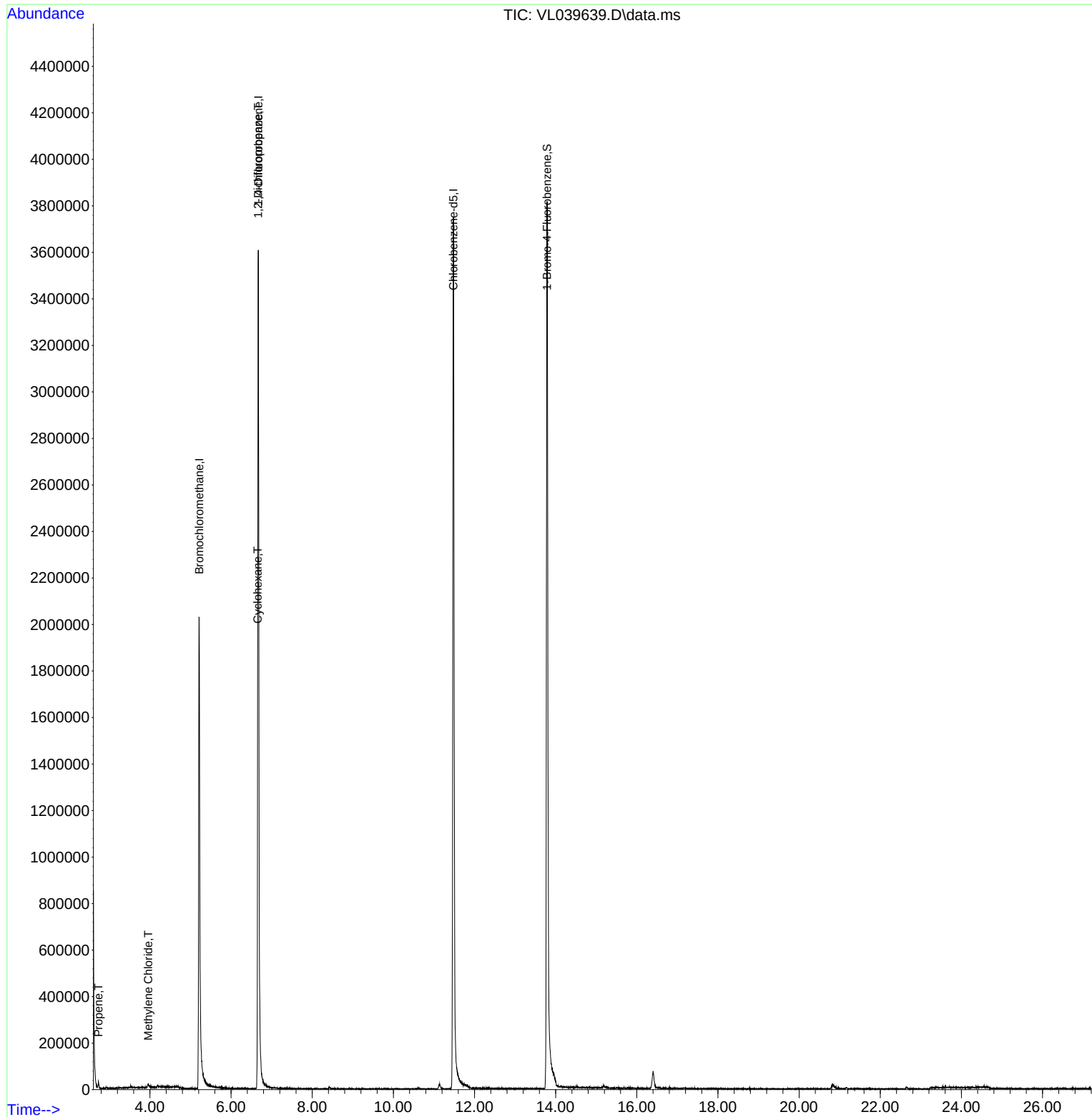
Internal Standards						
1) Bromochloromethane	5.214	49	1076379	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2905733	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2570478	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1940756	10.114	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	4958	0.085	ppbv #	68
20) Methylene Chloride	3.957	84	3902	0.070	ppbv #	77
30) Cyclohexane	6.655	84	3736	0.044	ppbv #	1
39) 1,2-Dichloropropane	6.667	63	709587	8.272	ppbv #	25

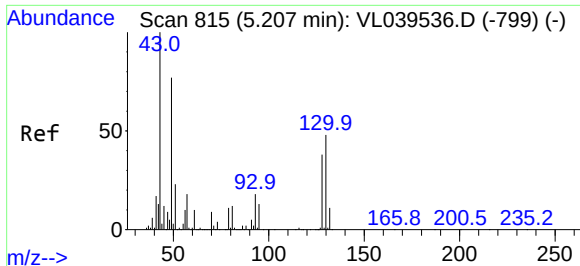
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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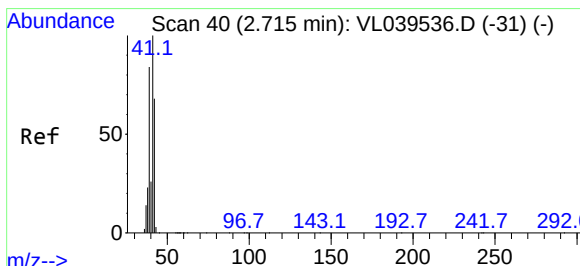
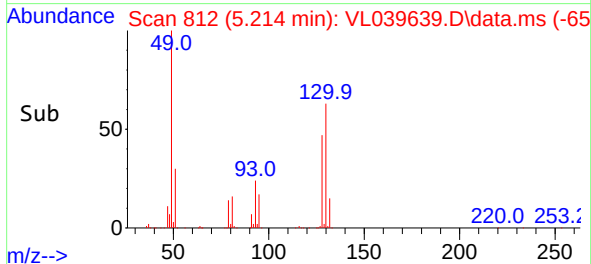
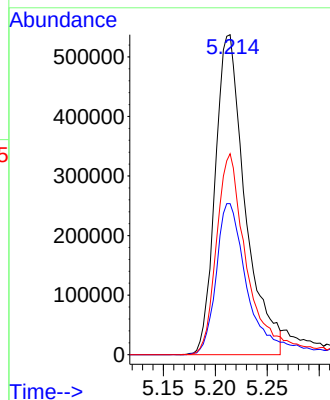
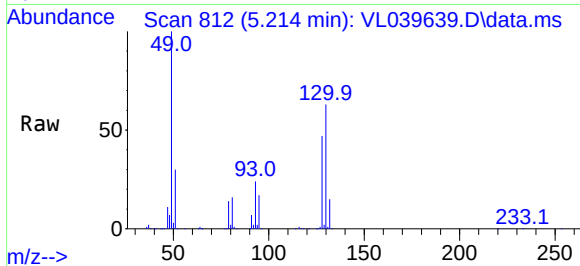




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

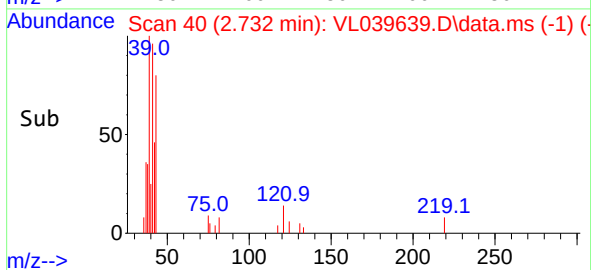
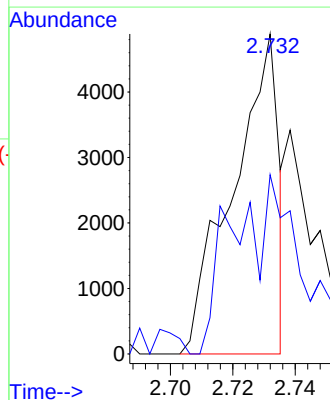
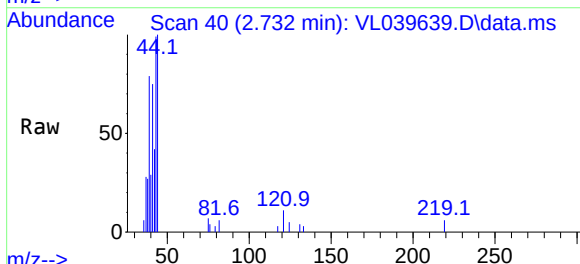
Instrument :
MSVOA_L
ClientSampleId :
QC091222 CAN 10448

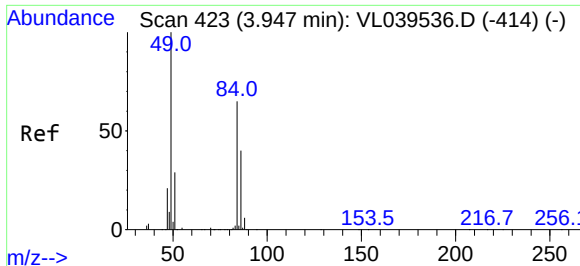
Tgt Ion: 49 Resp: 1076379
Ion Ratio Lower Upper
49 100
128 53.1 26.7 80.0
130 68.3 34.3 102.8



#9
Propene
Concen: 0.085 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.017 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Tgt Ion: 41 Resp: 4958
Ion Ratio Lower Upper
41 100
42 94.8 55.2 82.8#





#20

Methylene Chloride

Concen: 0.070 ppbv

RT: 3.957 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL039639.D

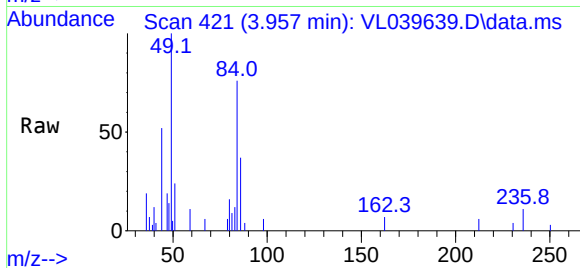
Acq: 21 Sep 2022 17:38

Instrument :

MSVOA_L

ClientSampleId :

QC091222 CAN 10448



Tgt Ion: 84 Resp: 3902

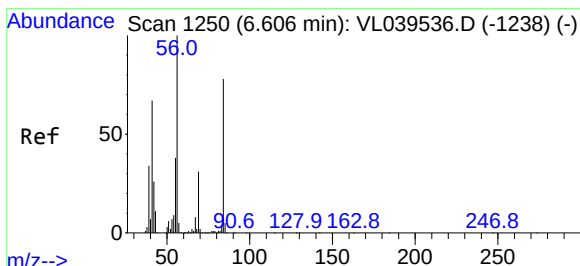
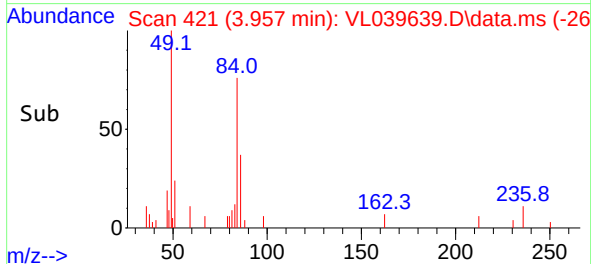
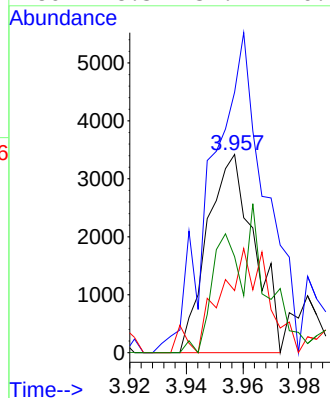
Ion Ratio Lower Upper

84 100

49 127.2 123.1 184.7

51 18.9 34.4 51.6#

86 48.5 51.1 76.7#



#30

Cyclohexane

Concen: 0.044 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. 0.049 min

Lab File: VL039639.D

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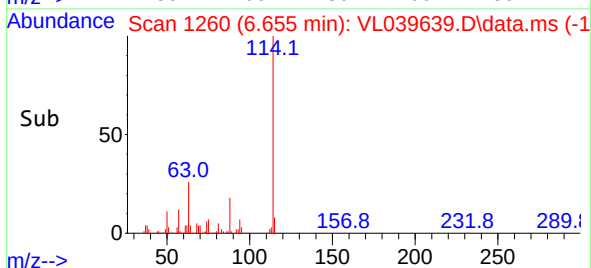
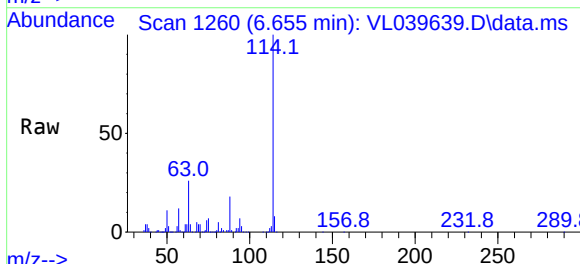
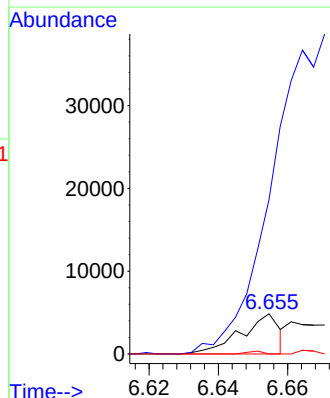
Tgt Ion: 84 Resp: 3736

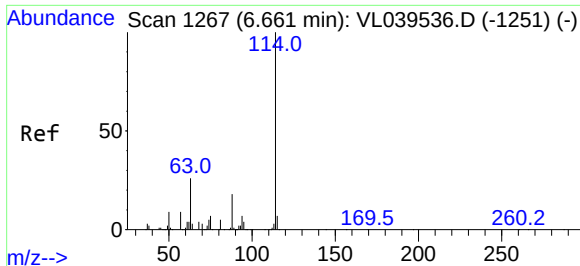
Ion Ratio Lower Upper

84 100

56 0.0 107.7 161.5#

41 0.9 67.7 101.5#

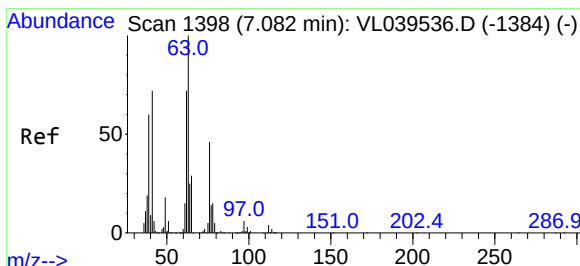
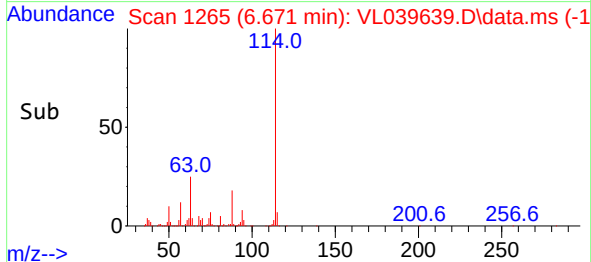
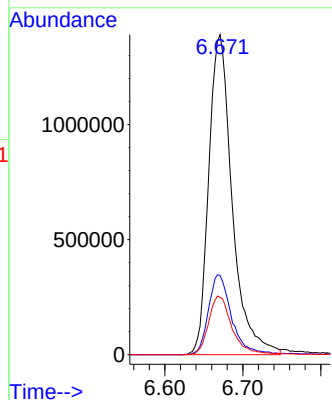
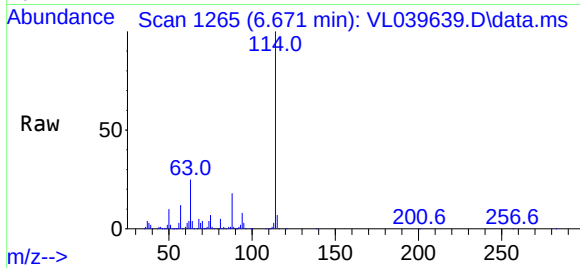




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.671 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VL039639.D
 Acq: 21 Sep 2022 17:38

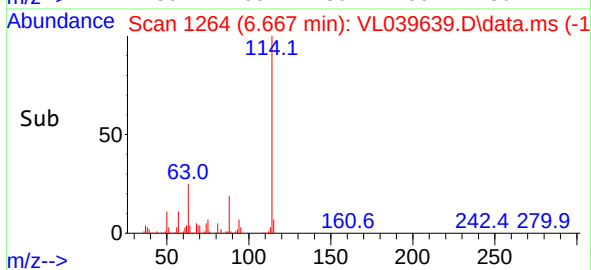
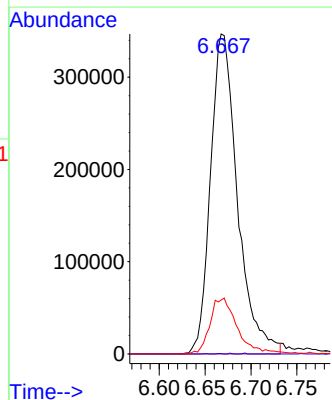
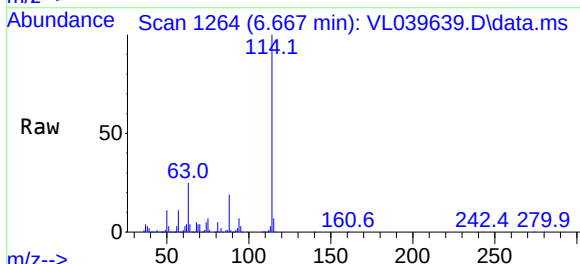
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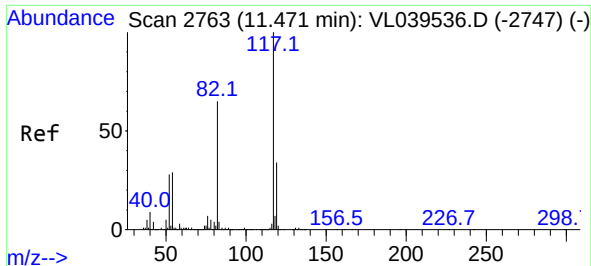
Tgt Ion:114 Resp: 2905733
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.2 30.4
 88 18.6 14.5 21.7



#39
 1,2-Dichloropropane
 Concen: 8.272 ppbv
 RT: 6.667 min Scan# 1264
 Delta R.T. -0.414 min
 Lab File: VL039639.D
 Acq: 21 Sep 2022 17:38

Tgt Ion: 63 Resp: 709587
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.6 89.4#
 62 16.9 51.4 77.0#

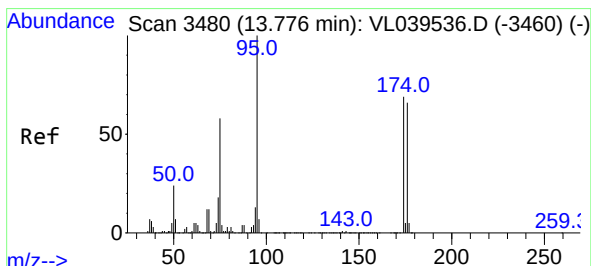
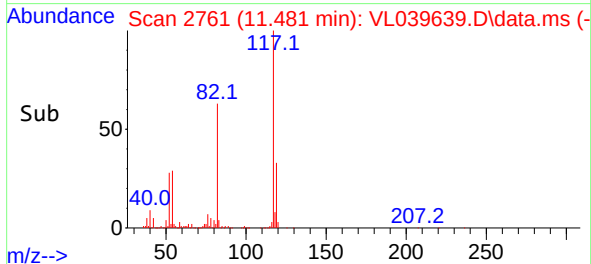
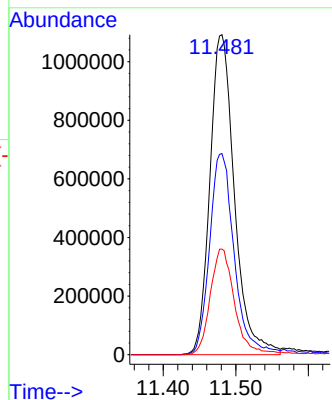
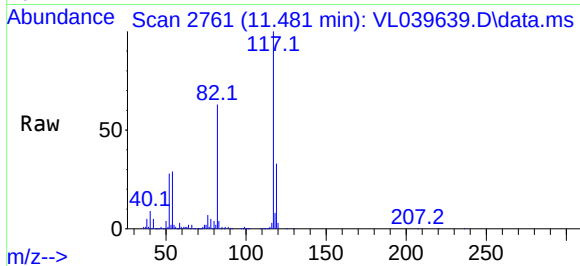




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Instrument :
MSVOA_L
ClientSampleId :
QC091222 CAN 10448

Tgt Ion:117 Resp: 2570478
Ion Ratio Lower Upper
117 100
82 65.3 50.8 76.2
119 33.0 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.114 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.013 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Tgt Ion: 95 Resp: 1940756
Ion Ratio Lower Upper
95 100
174 72.0 55.9 83.9
175 5.1 4.2 6.4

