

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039637.D
 Acq On : 21 Sep 2022 16:19
 Operator : SY/AP
 Sample : VL0921ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 22 08:16:13 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)

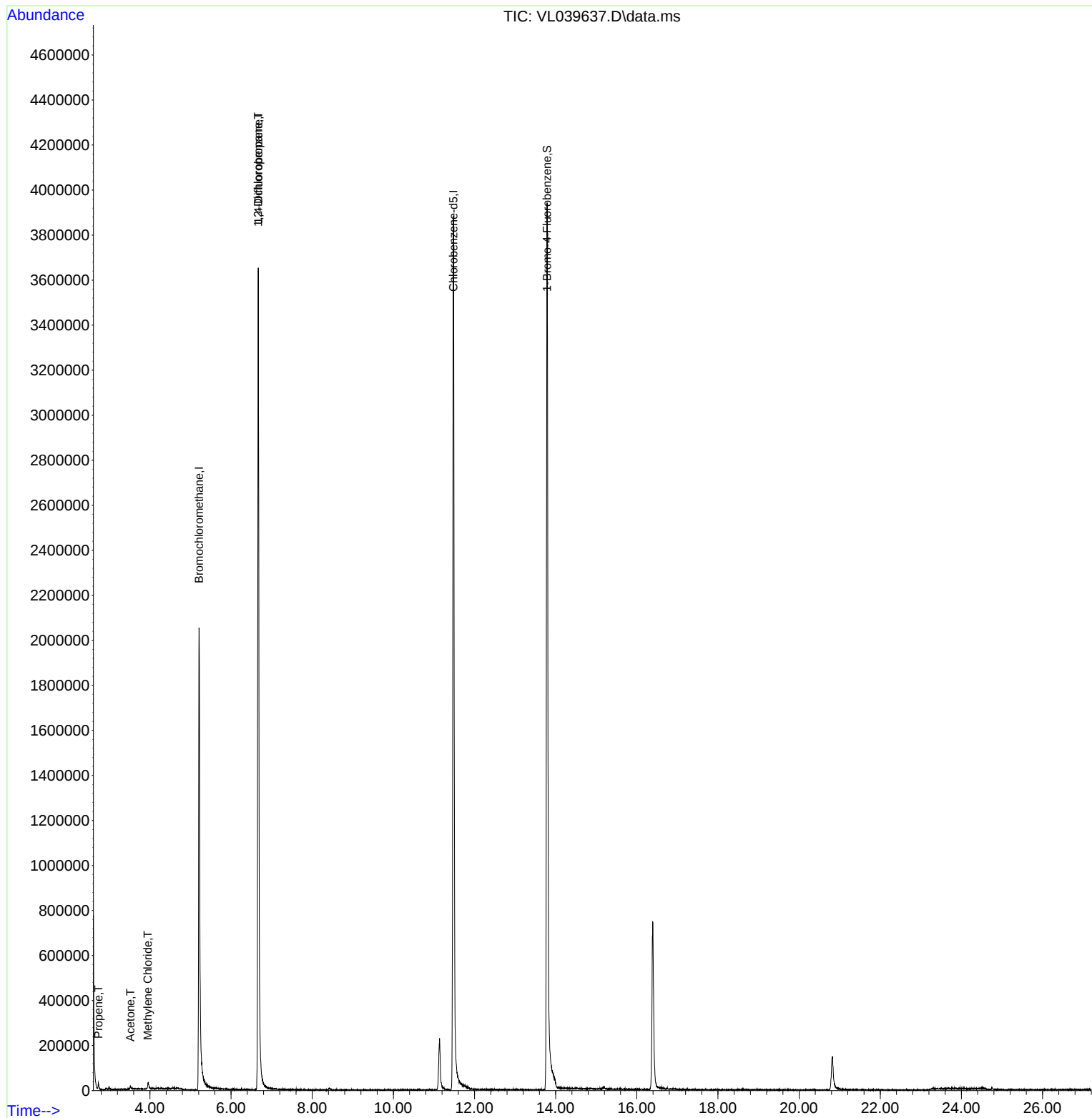
Internal Standards						
1) Bromochloromethane	5.211	49	1099783	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2947365	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2657664	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1979783	9.979	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	8134	0.136	ppbv	95
15) Acetone	3.517	43	12338	0.101	ppbv #	89
20) Methylene Chloride	3.947	84	1810	0.032	ppbv #	51
39) 1,2-Dichloropropane	6.668	63	716934	8.239	ppbv #	25

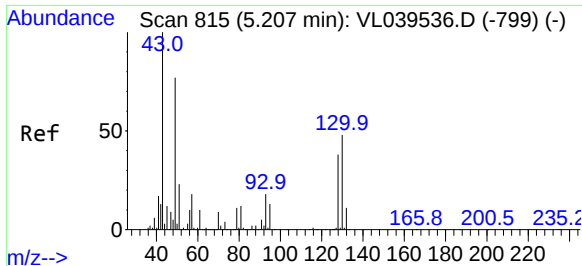
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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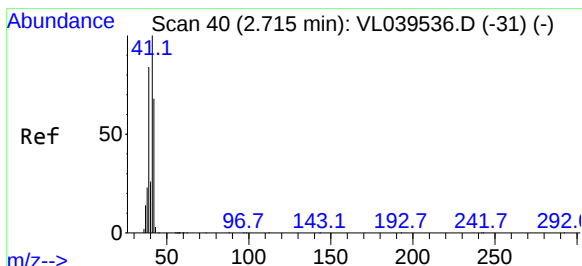
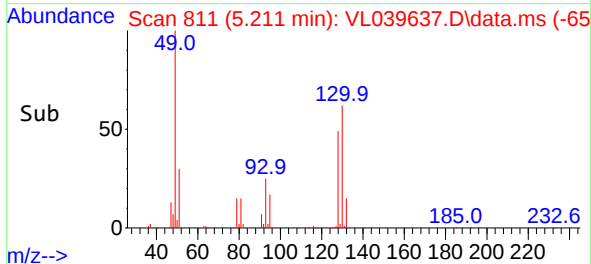
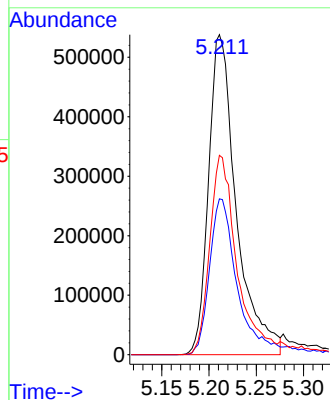
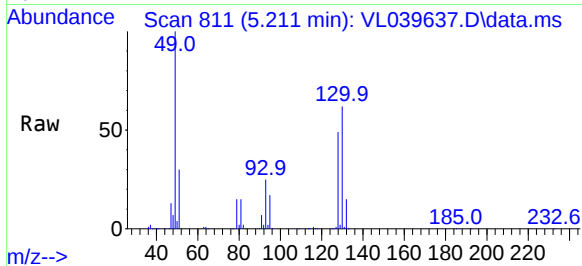




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

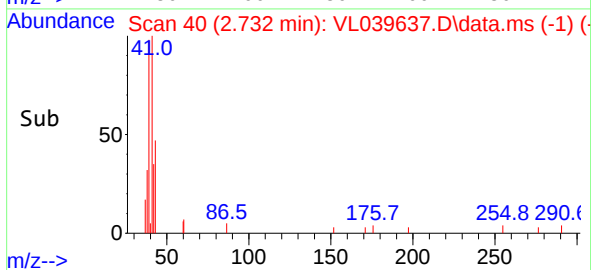
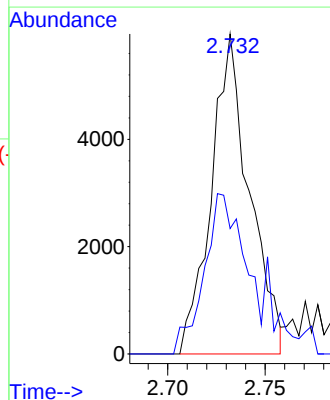
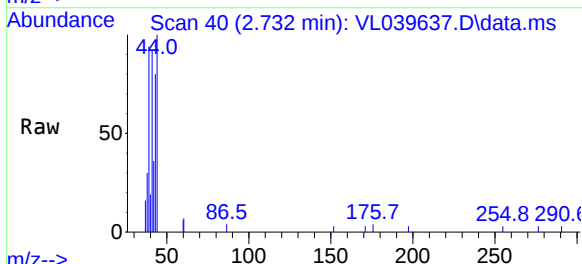
Instrument :
MSVOA_L
ClientSampleId :

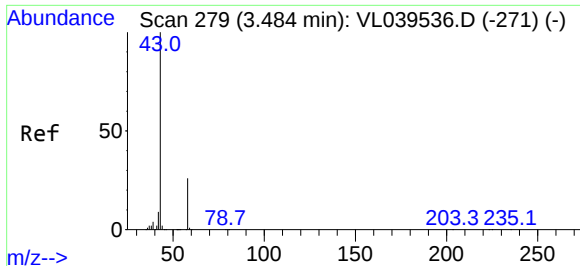
Tgt Ion: 49 Resp: 1099783
Ion Ratio Lower Upper
49 100
128 52.6 26.7 80.0
130 66.6 34.3 102.8



#9
Propene
Concen: 0.136 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.017 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

Tgt Ion: 41 Resp: 8134
Ion Ratio Lower Upper
41 100
42 64.7 55.2 82.8

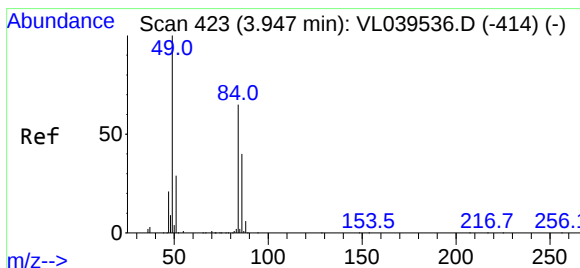
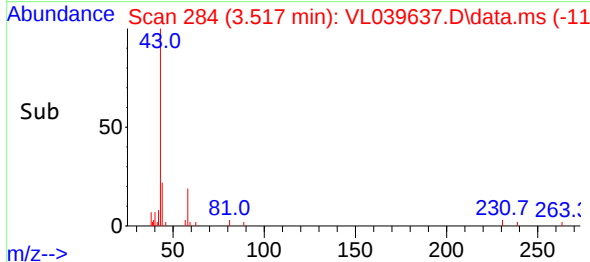
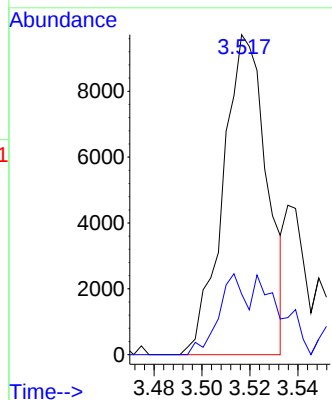
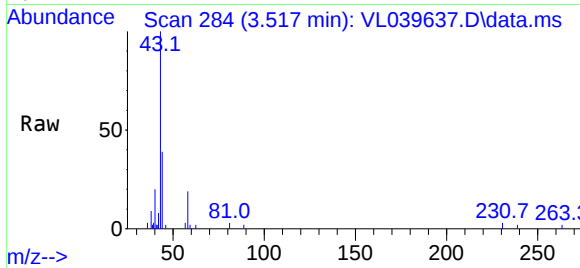




#15
Acetone
Concen: 0.101 ppbv
RT: 3.517 min Scan# 21
Delta R.T. 0.033 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

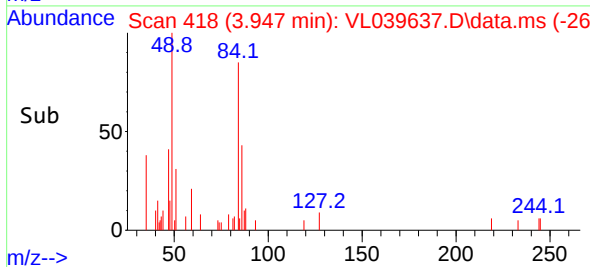
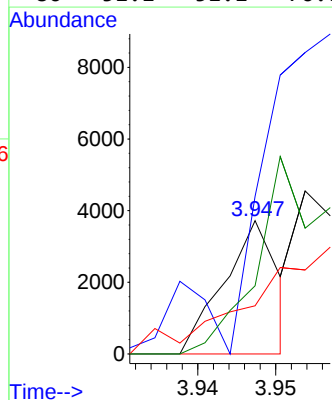
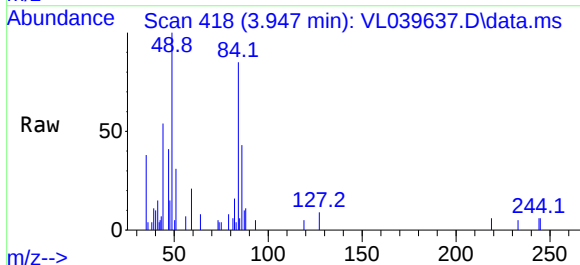
Instrument :
MSVOA_L
ClientSampleId :

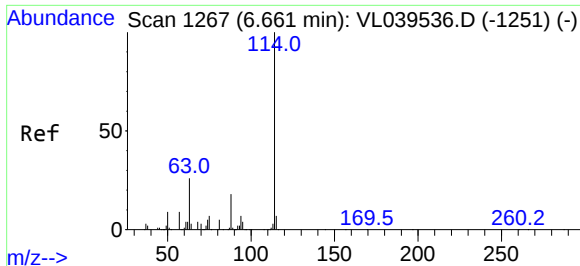
Tgt Ion: 43 Resp: 12338
Ion Ratio Lower Upper
43 100
58 31.7 21.0 31.6#



#20
Methylene Chloride
Concen: 0.032 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.001 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

Tgt Ion: 84 Resp: 1810
Ion Ratio Lower Upper
84 100
49 63.7 123.1 184.7#
51 28.0 34.4 51.6#
86 51.1 51.1 76.7#



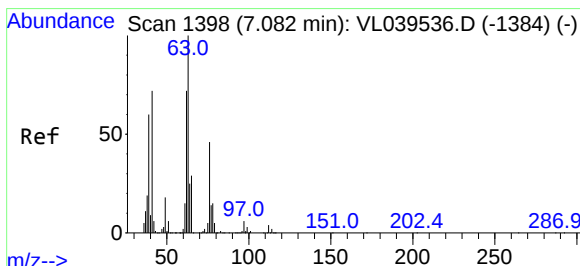
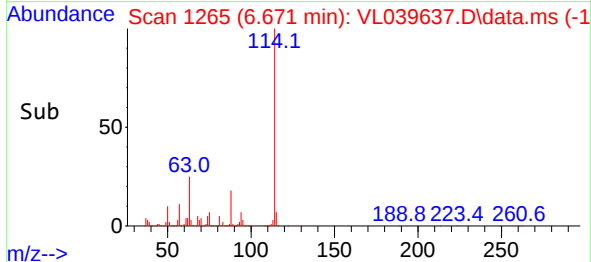
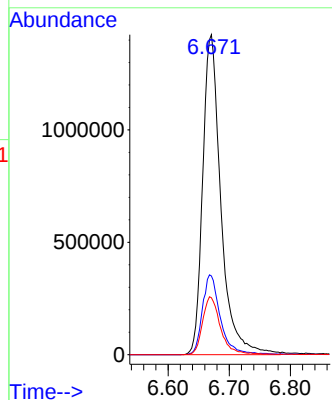
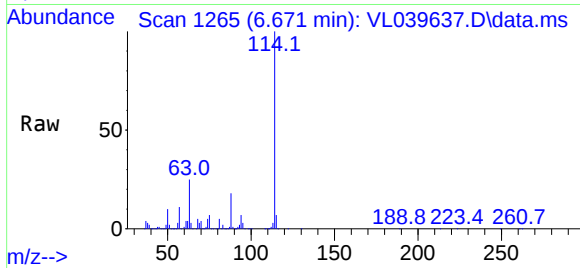


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.671 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VL039637.D
 Acq: 21 Sep 2022 16:19

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:114 Resp: 2947365

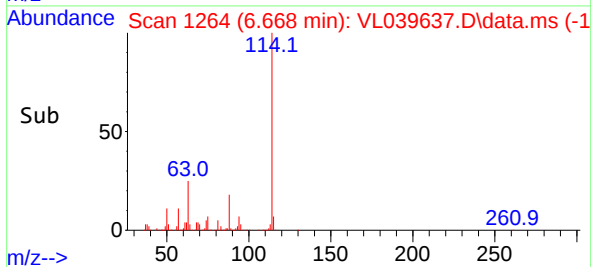
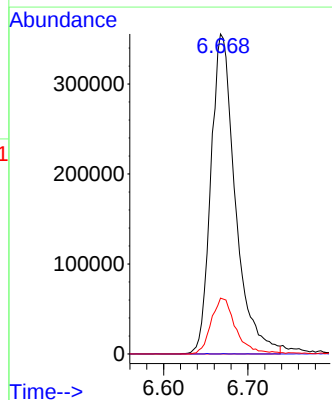
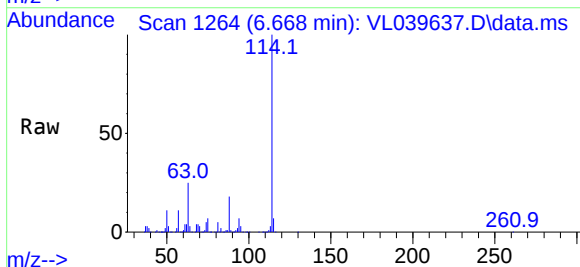
Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.4
88	18.1	14.5	21.7

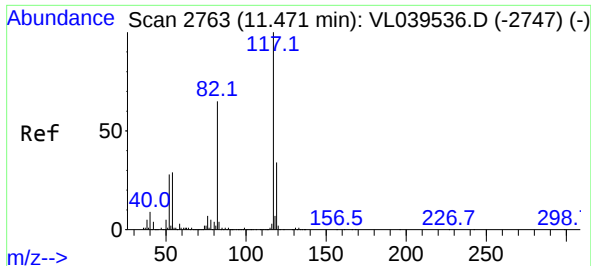


#39
 1,2-Dichloropropane
 Concen: 8.239 ppbv
 RT: 6.668 min Scan# 1264
 Delta R.T. -0.414 min
 Lab File: VL039637.D
 Acq: 21 Sep 2022 16:19

Tgt Ion: 63 Resp: 716934

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	17.4	51.4	77.0#

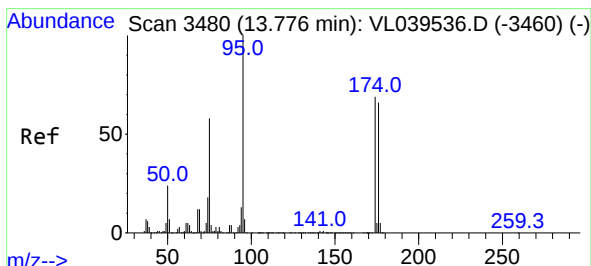
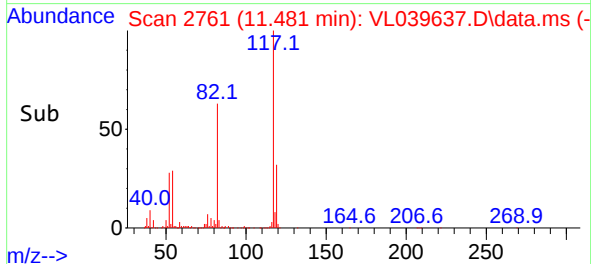
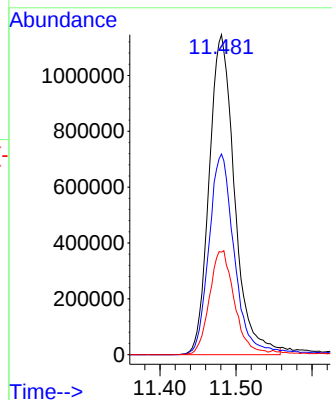
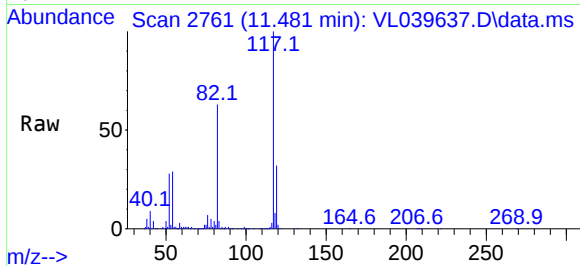




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2657664
Ion Ratio Lower Upper
117 100
82 64.8 50.8 76.2
119 33.3 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.979 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.013 min
Lab File: VL039637.D
Acq: 21 Sep 2022 16:19

Tgt Ion: 95 Resp: 1979783
Ion Ratio Lower Upper
95 100
174 72.8 55.9 83.9
175 5.5 4.2 6.4

