

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 :

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)

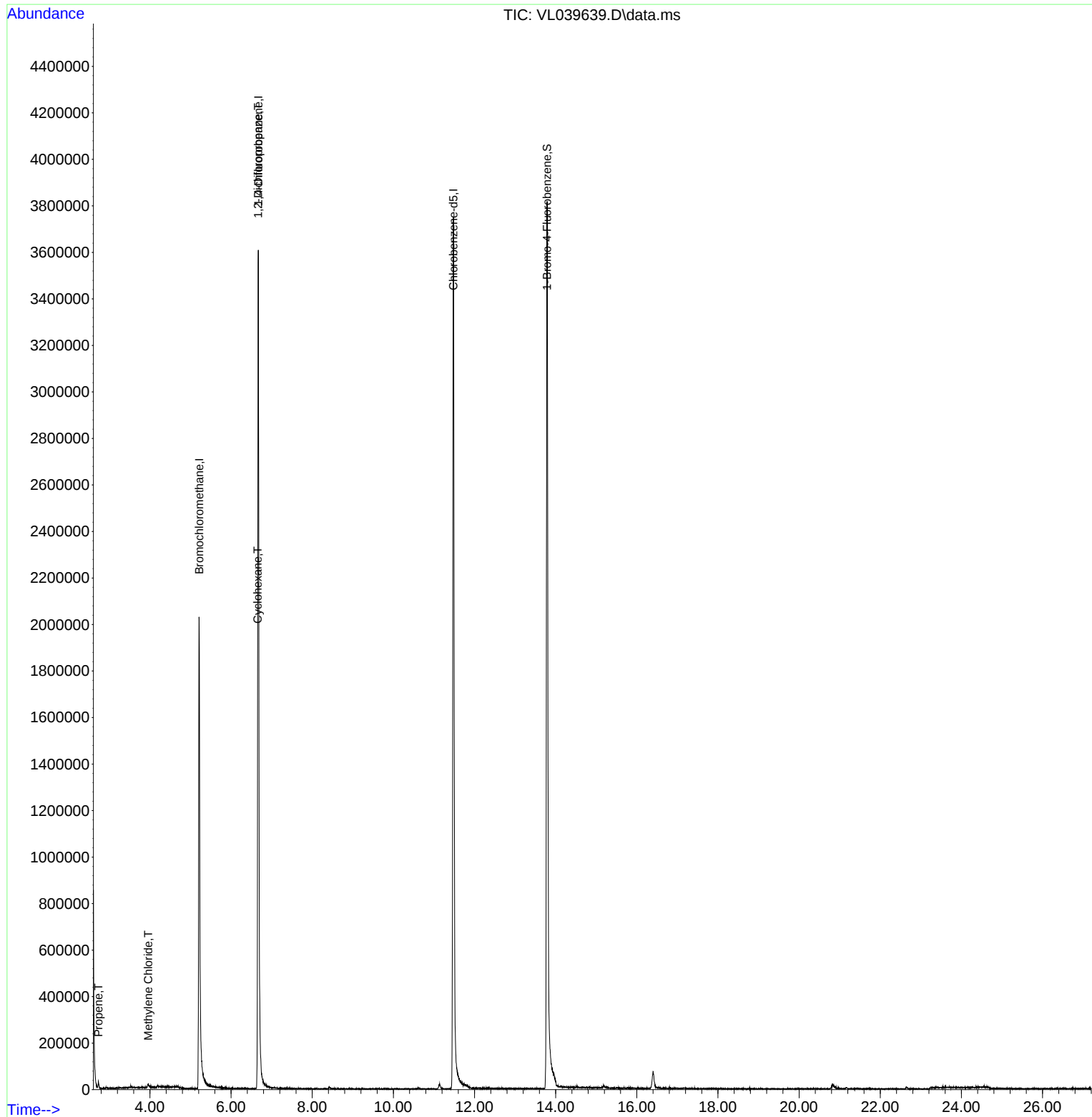
Internal Standards						
1) Bromochloromethane	5.214	49	1076379	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2905733	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.481	117	2570478	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1940756	10.114	ppbv	0.01
Spiked 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

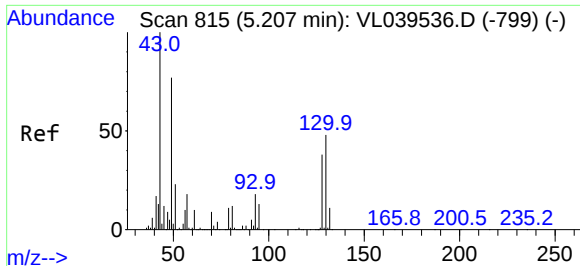
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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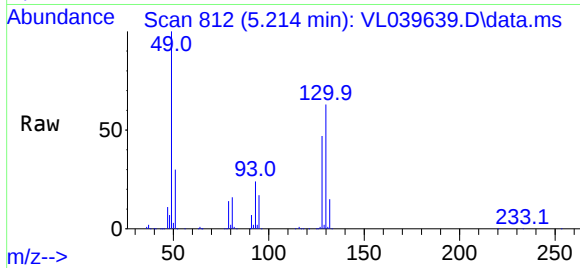
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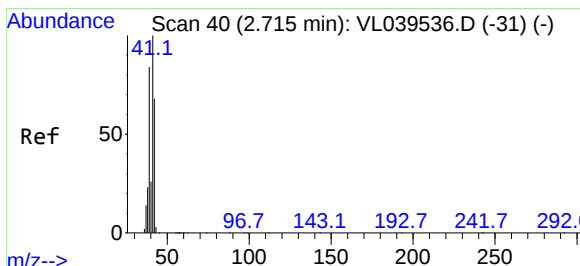
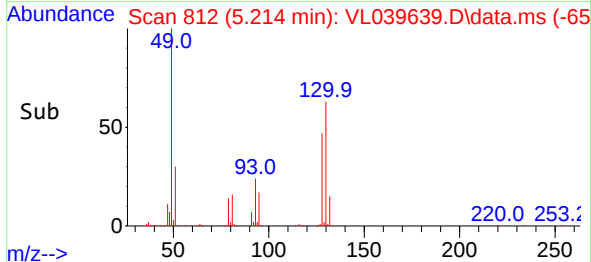
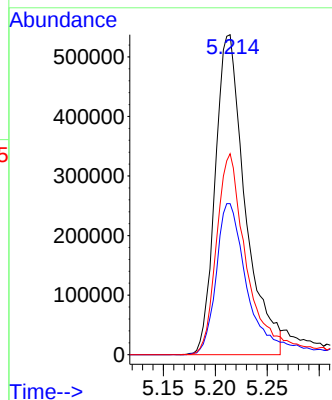
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 49 Resp: 1076379

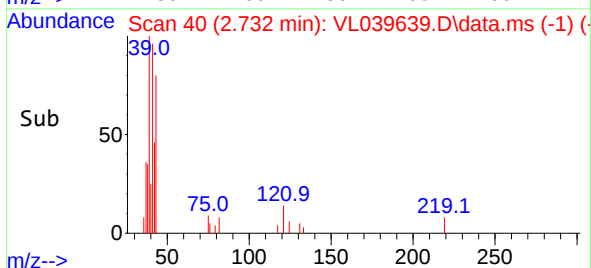
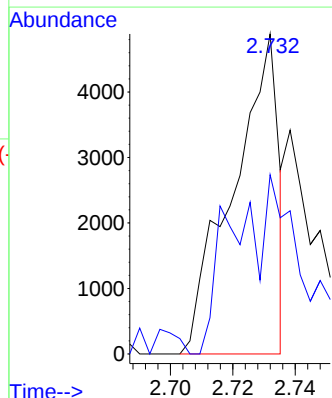
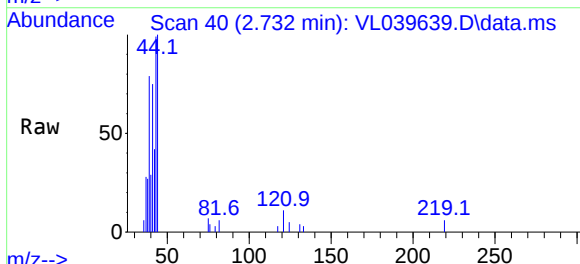
Ion	Ratio	Lower	Upper
49	100		
128	53.1	26.7	80.0
130	68.3	34.3	102.8

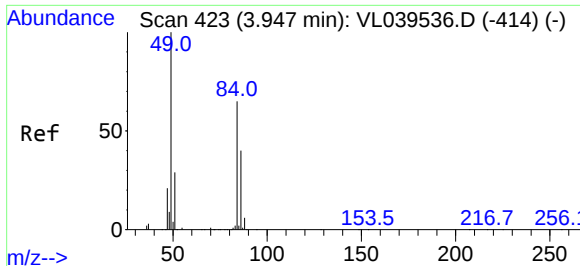


#9
Propene
Concen: 0.085 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.017 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Tgt Ion: 41 Resp: 4958

Ion	Ratio	Lower	Upper
41	100		
42	94.8	55.2	82.8

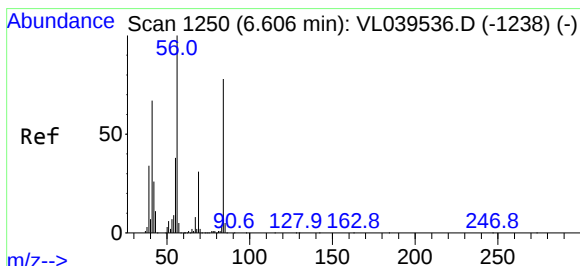
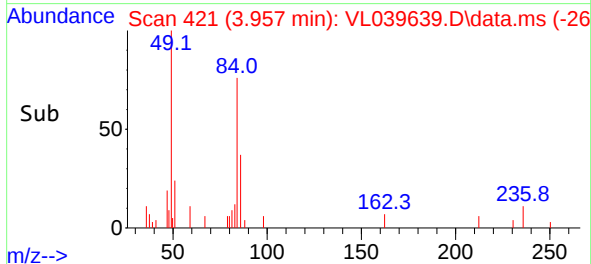
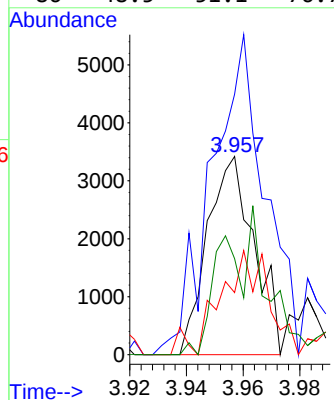
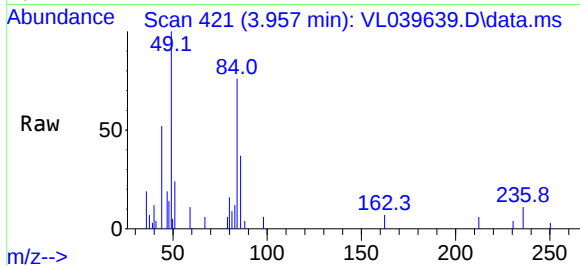




#20
Methylene Chloride
Concen: 0.070 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

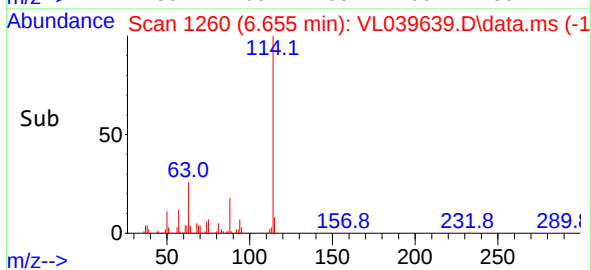
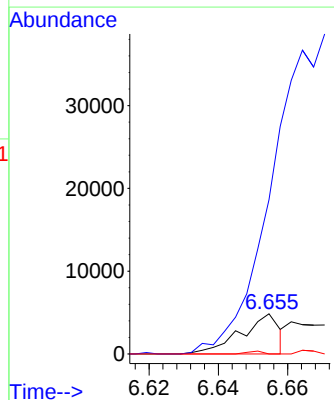
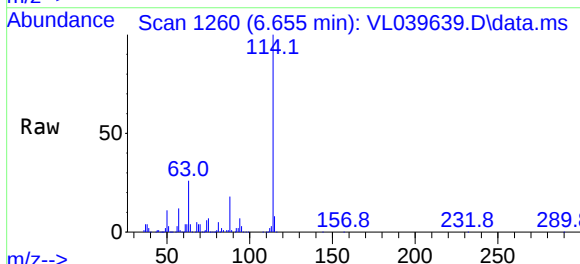
Instrument :
MSVOA_L
ClientSampleId :

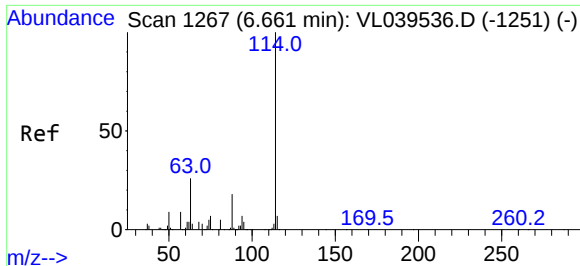
Tgt Ion:	84	Resp:	3902
Ion	Ratio	Lower	Upper
84	100		
49	127.2	123.1	184.7
51	18.9	34.4	51.6#
86	48.5	51.1	76.7#



#30
Cyclohexane
Concen: 0.044 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.049 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

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#

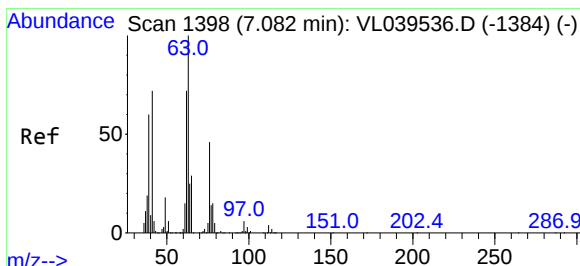
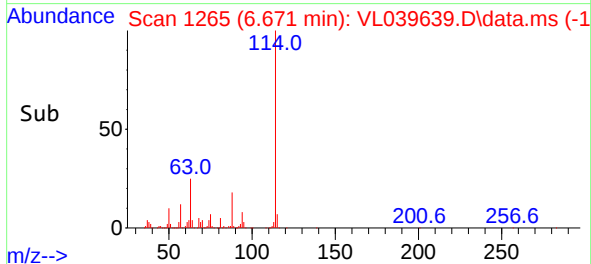
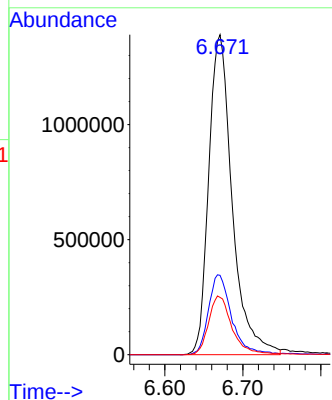
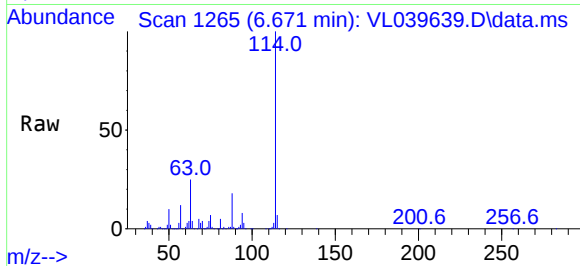




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

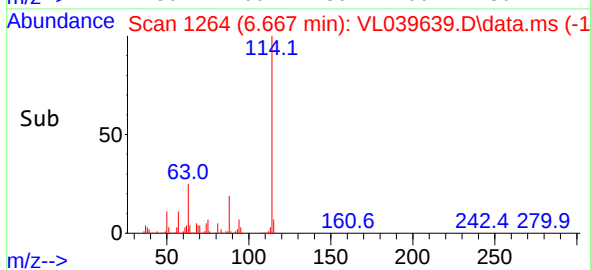
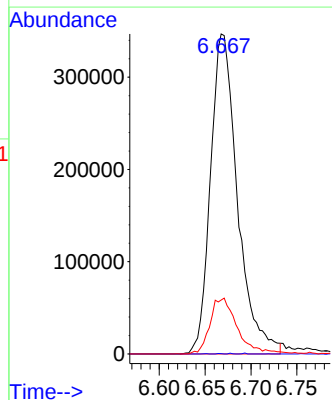
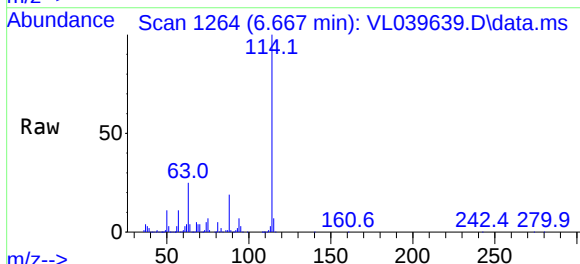
Instrument :
MSVOA_L
ClientSampleId :

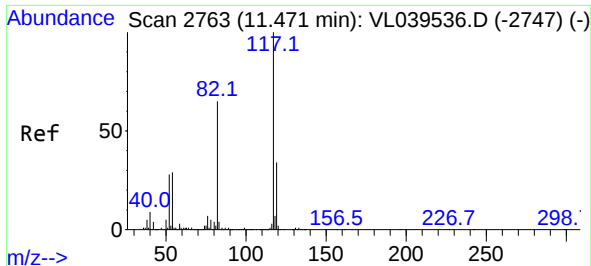
Tgt Ion:114 Resp: 2905733
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.6 14.5 21.7



#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#

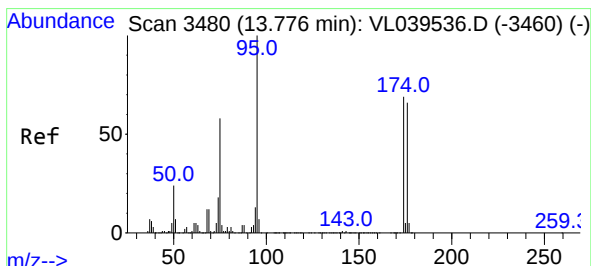
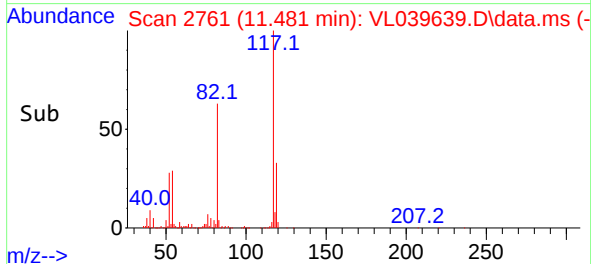
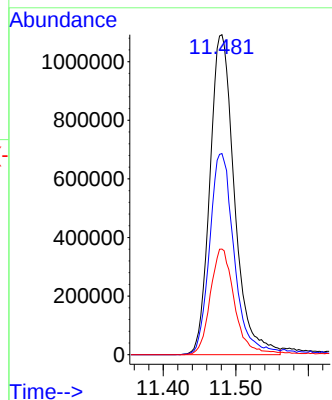
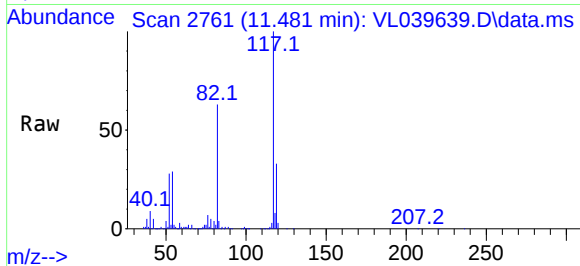




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039639.D
Acq: 21 Sep 2022 17:38

Instrument :
MSVOA_L
ClientSampleId :

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

