

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039656.D
 Acq On : 22 Sep 2022 4:53
 Operator : SY/AP
 Sample : N4669-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG0DL

Quant Time: Sep 22 08:26:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

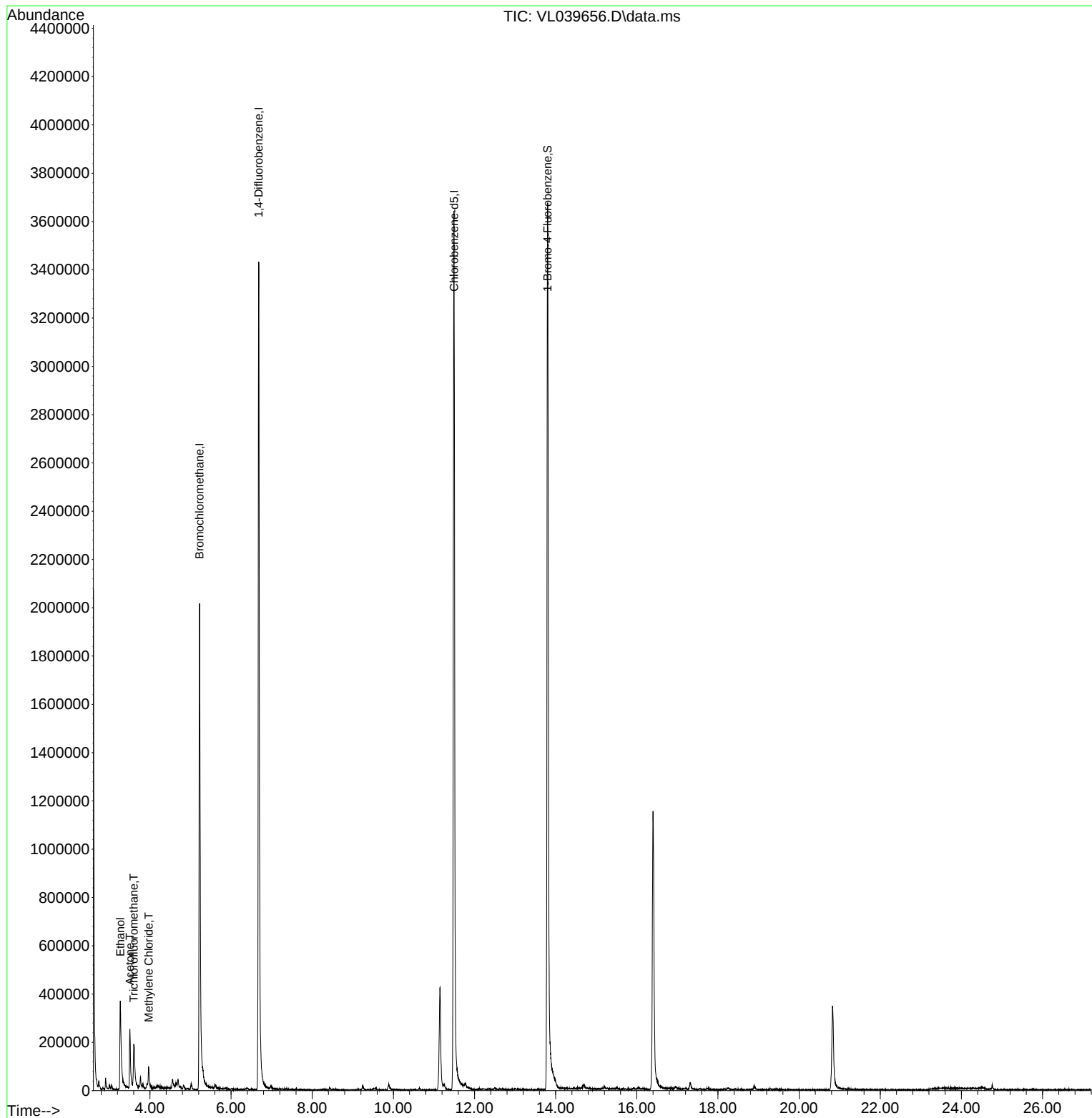
Internal Standards						
1) Bromochloromethane	5.224	49	1022542	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.681	114	2679152	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2438289	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1863709	10.239	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.400%	
Target Compounds						
						Qvalue
11) Trichlorofluoromethane	3.600	101	85821	0.585	ppbv	97
13) Ethanol	3.269	45	463456	109.752	ppbv	70
15) Acetone	3.504	43	268168	2.357	ppbv	94
20) Methylene Chloride	3.967	84	30951	0.588	ppbv	95

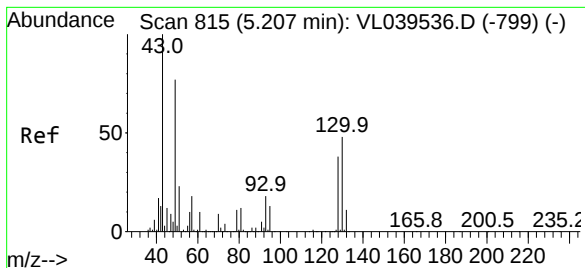
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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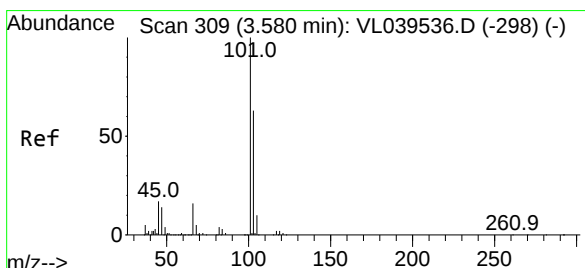
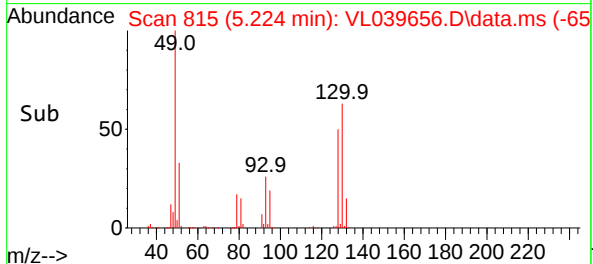
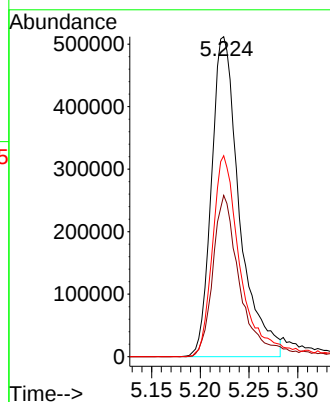
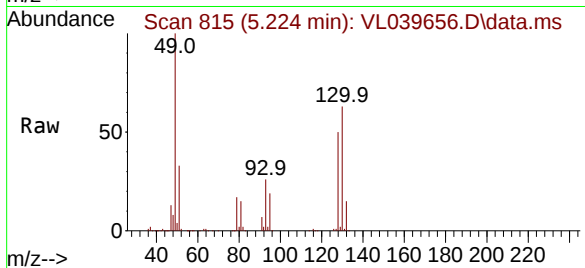




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.017 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

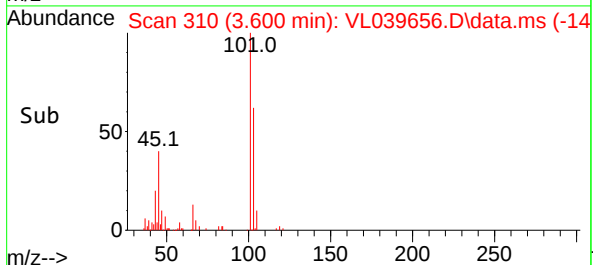
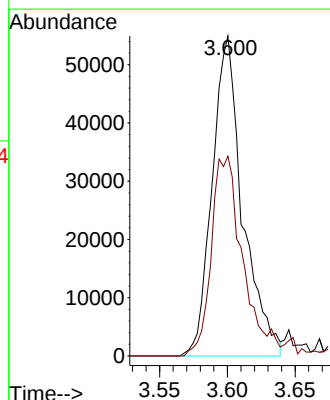
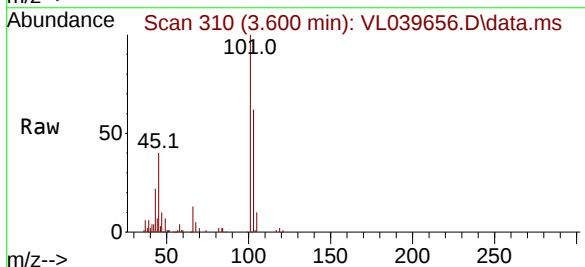
Instrument :
MSVOA_L
ClientSampleId :
C0PG0DL

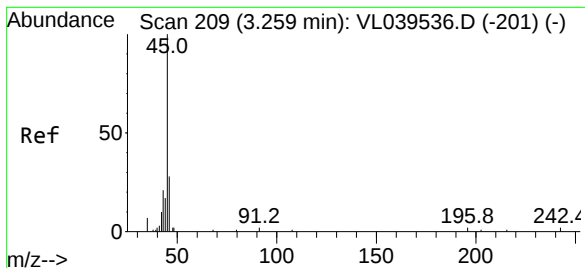
Tgt Ion: 49 Resp: 1022542
Ion Ratio Lower Upper
49 100
128 51.3 26.7 80.0
130 66.1 34.3 102.8



#11
Trichlorofluoromethane
Concen: 0.585 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.020 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

Tgt Ion: 101 Resp: 85821
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.8

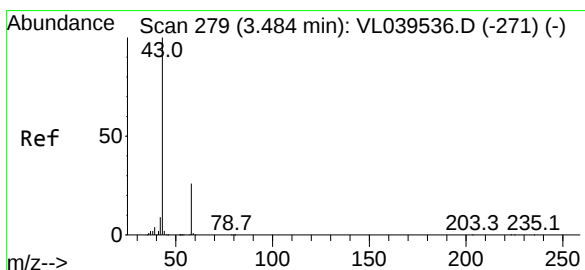
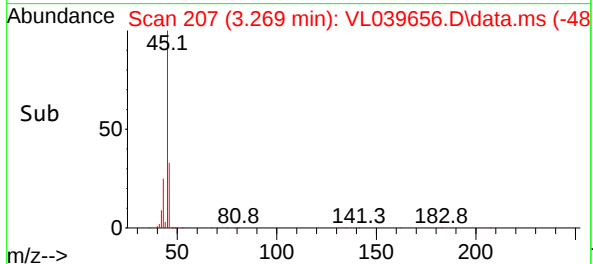
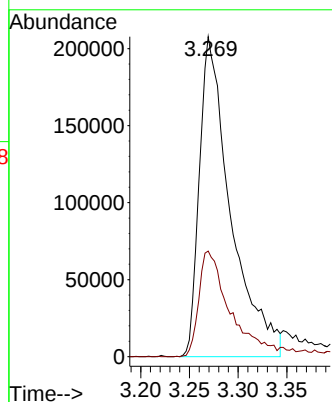
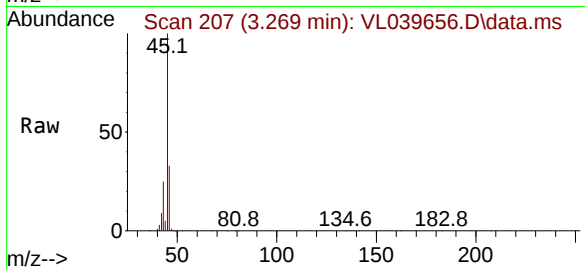




#13
Ethanol
Concen: 109.752 ppbv
RT: 3.269 min Scan# 209
Delta R.T. 0.010 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

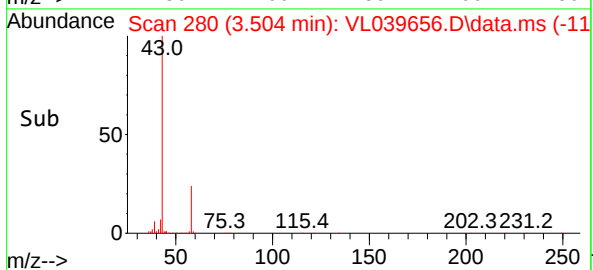
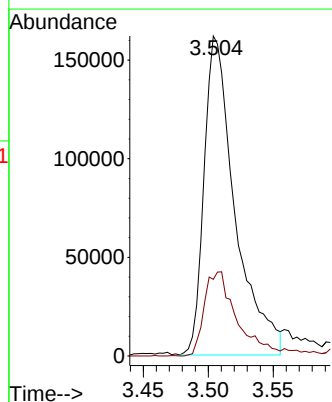
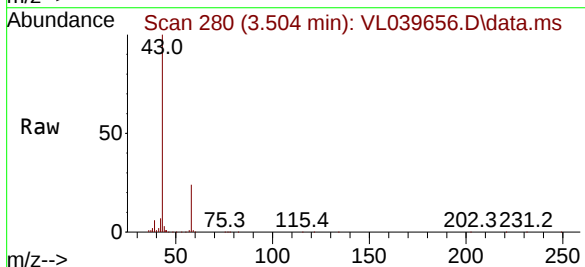
Instrument :
MSVOA_L
ClientSampleId :
C0PG0DL

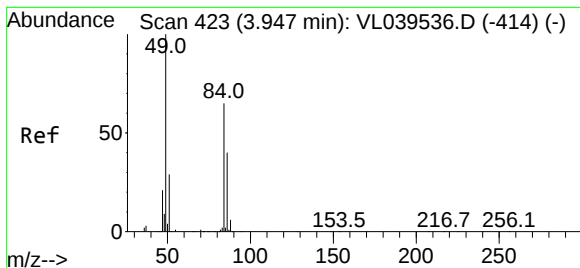
Tgt Ion: 45 Resp: 463456
Ion Ratio Lower Upper
45 100
46 35.1 22.8 91.2



#15
Acetone
Concen: 2.357 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.020 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

Tgt Ion: 43 Resp: 268168
Ion Ratio Lower Upper
43 100
58 29.4 21.0 31.6

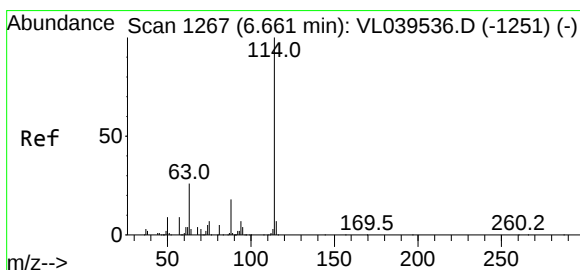
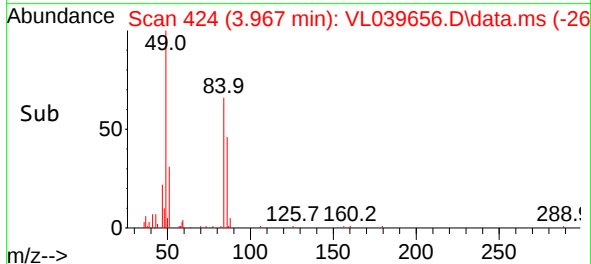
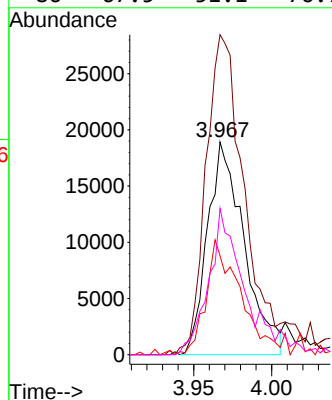
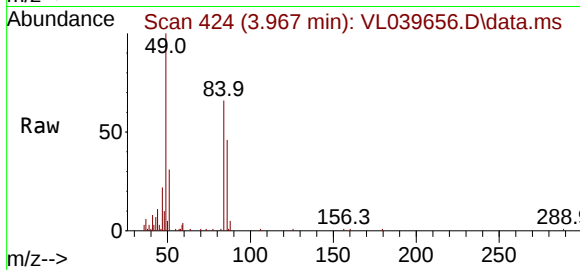




#20
Methylene Chloride
Concen: 0.588 ppbv
RT: 3.967 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

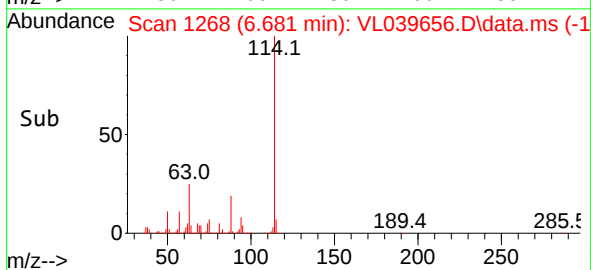
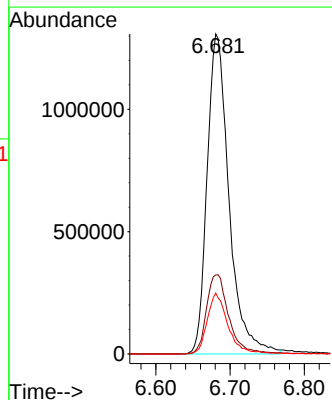
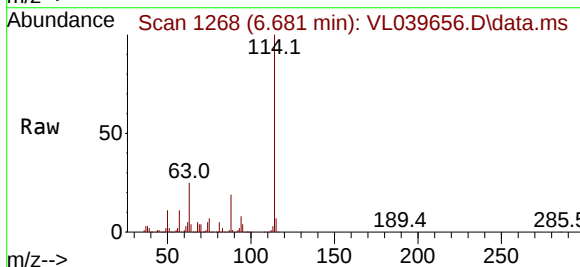
Instrument :
MSVOA_L
ClientSampleId :
COPG0DL

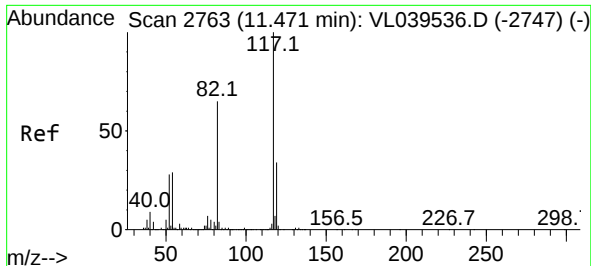
Tgt Ion:	84	Resp:	30951
Ion	Ratio	Lower	Upper
84	100		
49	145.6	123.1	184.7
51	45.1	34.4	51.6
86	67.5	51.1	76.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1268
Delta R.T. 0.020 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

Tgt Ion:	114	Resp:	2679152
Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.2	30.4
88	18.1	14.5	21.7

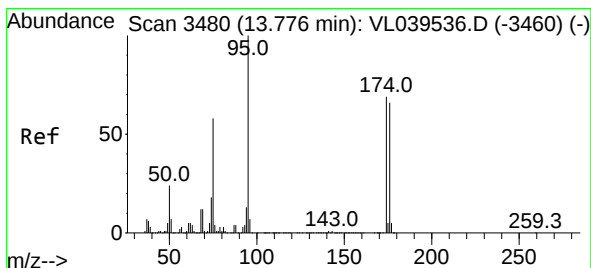
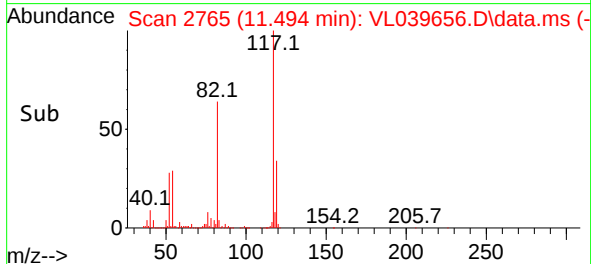
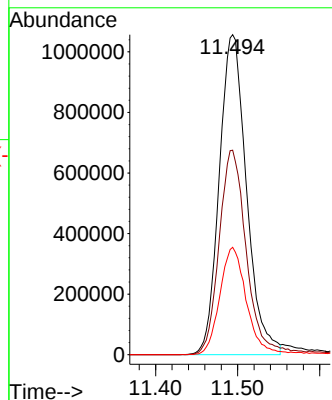
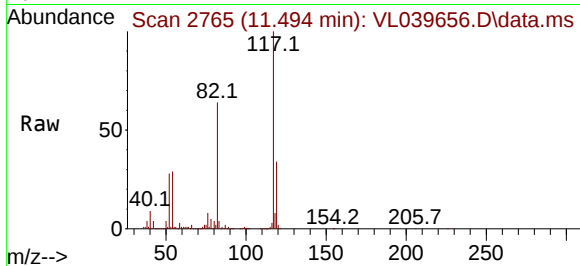




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

Instrument :
MSVOA_L
ClientSampleId :
C0PG0DL

Tgt Ion: 117 Resp: 2438289
Ion Ratio Lower Upper
117 100
82 65.8 50.8 76.2
119 33.8 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.239 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.027 min
Lab File: VL039656.D
Acq: 22 Sep 2022 4:53

Tgt Ion: 95 Resp: 1863709
Ion Ratio Lower Upper
95 100
174 71.0 55.9 83.9
175 5.4 4.2 6.4

