

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039697.D
 Acq On : 10 Oct 2022 16:17
 Operator : SY/AP
 Sample : VL1010ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 11 07:17:57 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)

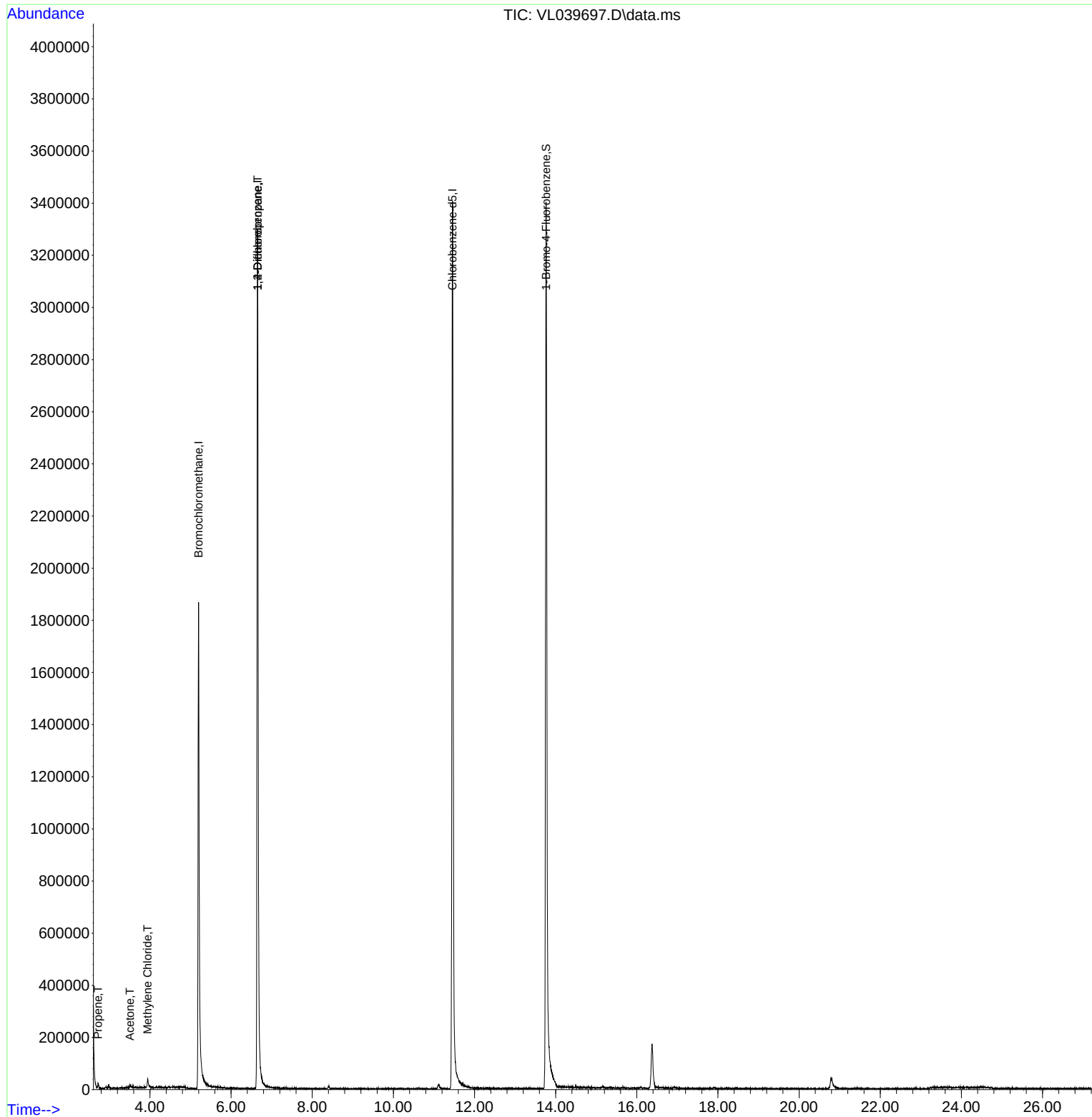
Internal Standards						
1) Bromochloromethane	5.198	49	1018891	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2618447	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2337670	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1724037	9.879	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	3258	0.059	ppbv #	28
15) Acetone	3.504	43	4501	0.040	ppbv #	1
20) Methylene Chloride	3.944	84	2899	0.055	ppbv	86
39) 1,2-Dichloropropane	6.652	63	627252	8.114	ppbv #	25

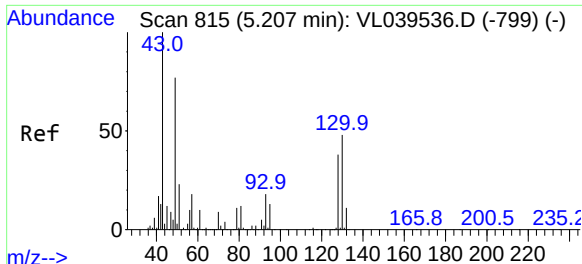
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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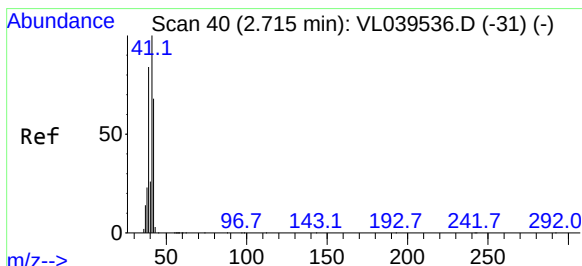
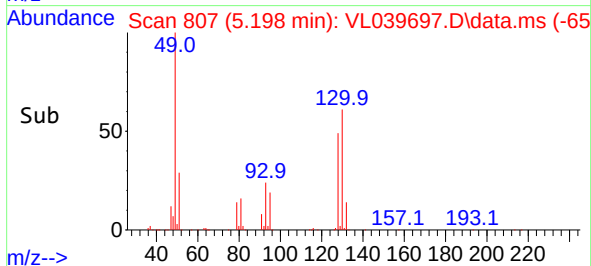
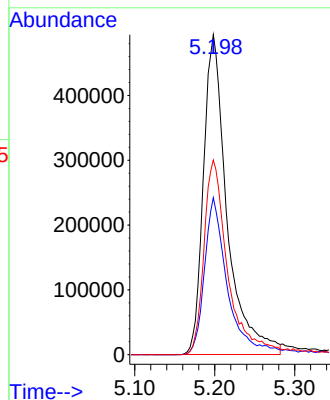
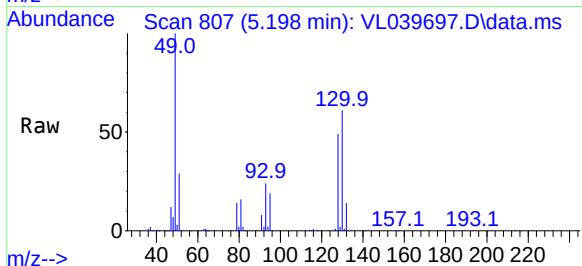




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

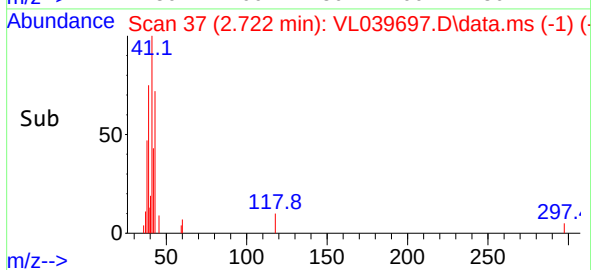
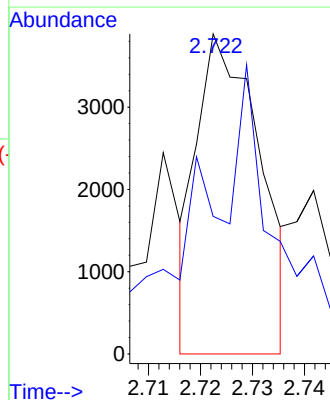
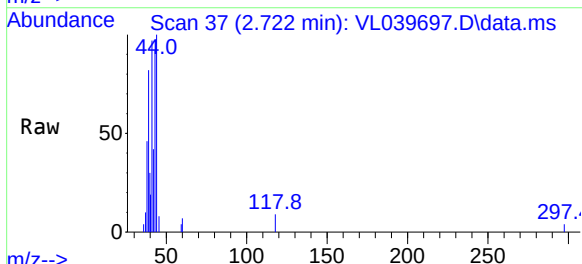
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

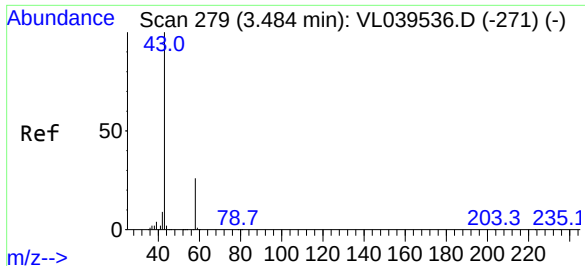
Tgt Ion: 49 Resp: 1018891
Ion Ratio Lower Upper
49 100
128 50.2 26.7 80.0
130 64.6 34.3 102.8



#9
Propene
Concen: 0.059 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.007 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Tgt Ion: 41 Resp: 3258
Ion Ratio Lower Upper
41 100
42 127.4 55.2 82.8#

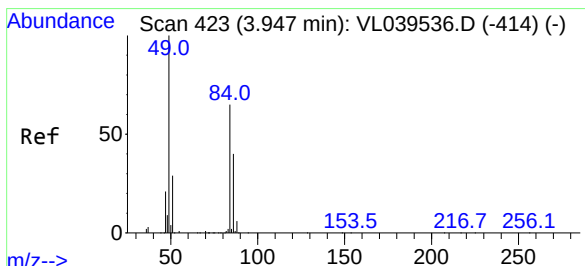
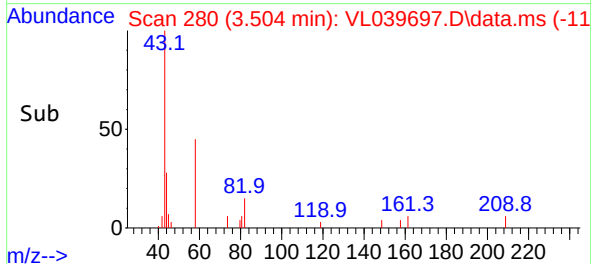
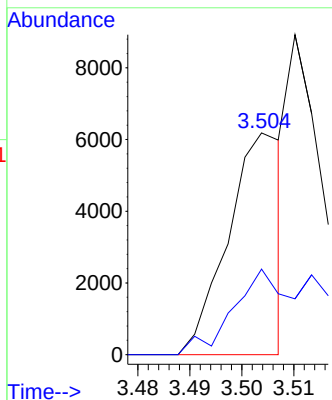
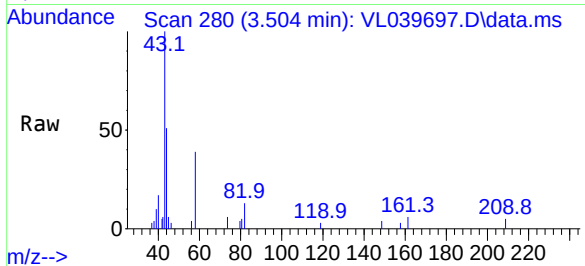




#15
Acetone
Concen: 0.040 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

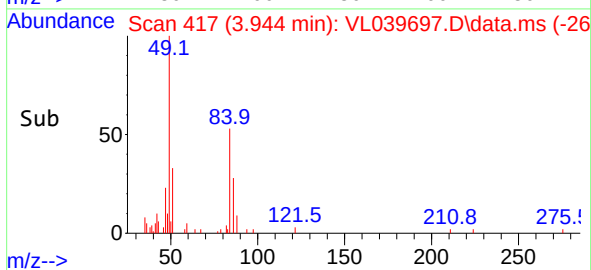
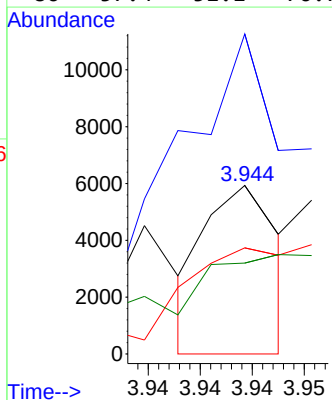
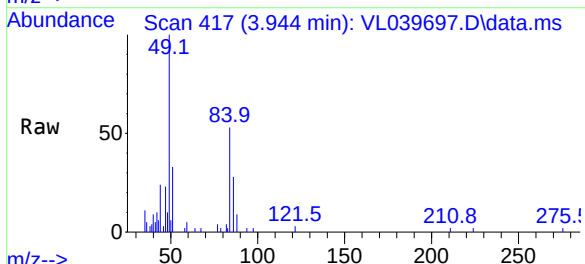
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

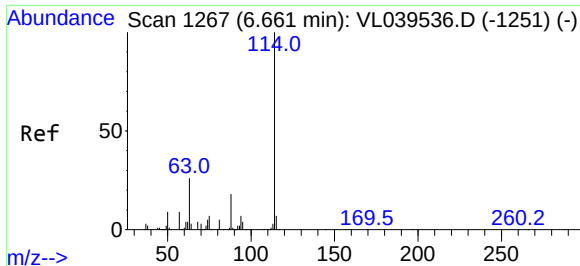
Tgt Ion: 43 Resp: 4501
Ion Ratio Lower Upper
43 100
58 117.2 21.0 31.6#



#20
Methylene Chloride
Concen: 0.055 ppbv
RT: 3.944 min Scan# 417
Delta R.T. -0.003 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Tgt Ion: 84 Resp: 2899
Ion Ratio Lower Upper
84 100
49 128.7 123.1 184.7
51 43.7 34.4 51.6
86 57.4 51.1 76.7



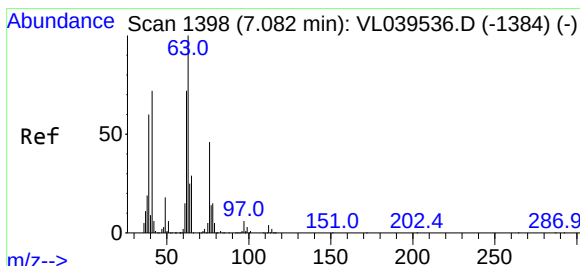
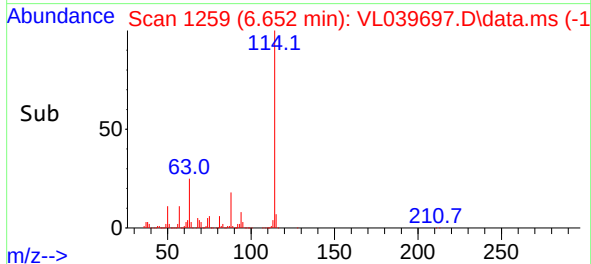
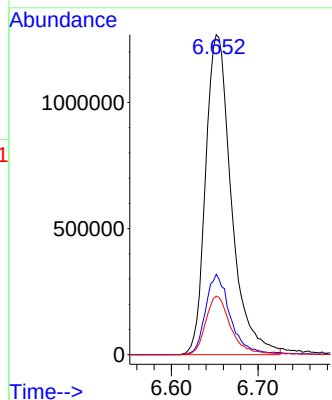
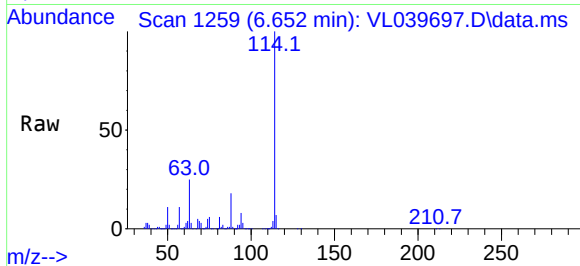


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.009 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2618447

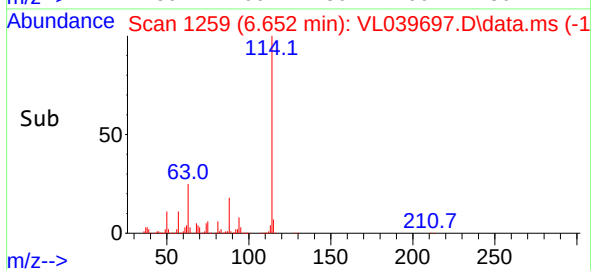
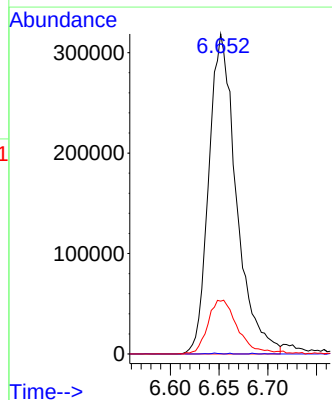
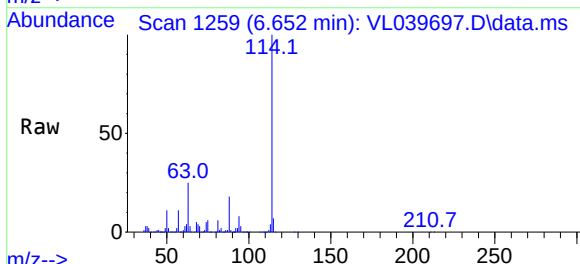
Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.2	30.4
88	18.1	14.5	21.7

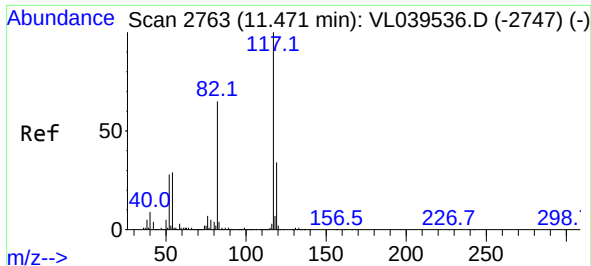


#39
1,2-Dichloropropane
Concen: 8.114 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.430 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Tgt Ion: 63 Resp: 627252

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.6	89.4#
62	16.4	51.4	77.0#

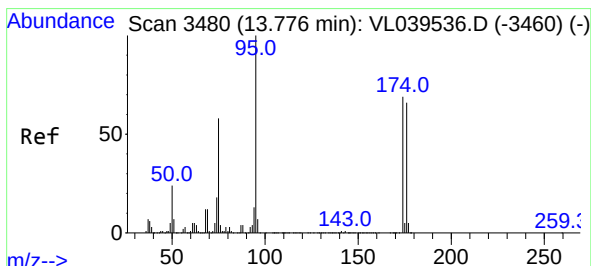
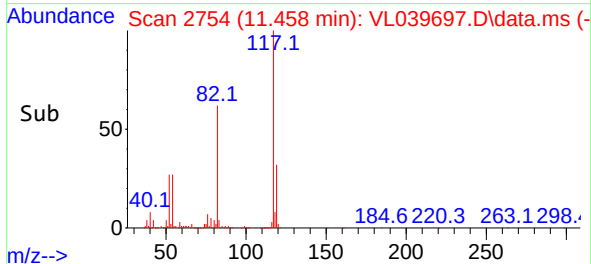
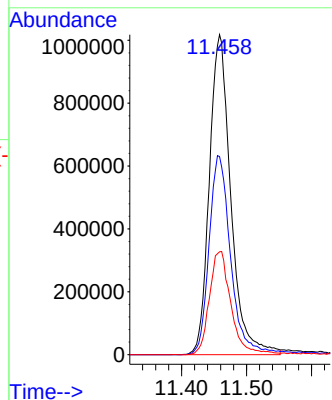
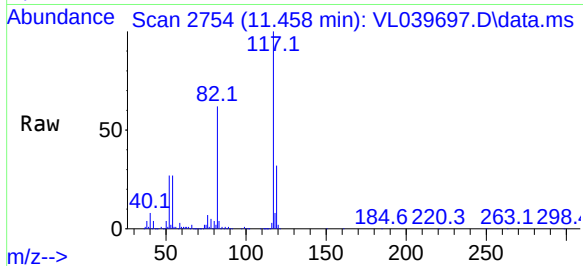




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2337670
Ion Ratio Lower Upper
117 100
82 63.9 50.8 76.2
119 33.1 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.879 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. -0.012 min
Lab File: VL039697.D
Acq: 10 Oct 2022 16:17

Tgt Ion: 95 Resp: 1724037
Ion Ratio Lower Upper
95 100
174 72.7 55.9 83.9
175 5.1 4.2 6.4

