

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041078.D
 Acq On : 16 Feb 2024 9:55
 Operator : SY/MD
 Sample : P1490-01DL2 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Feb 17 00:13:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 17 00:11:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

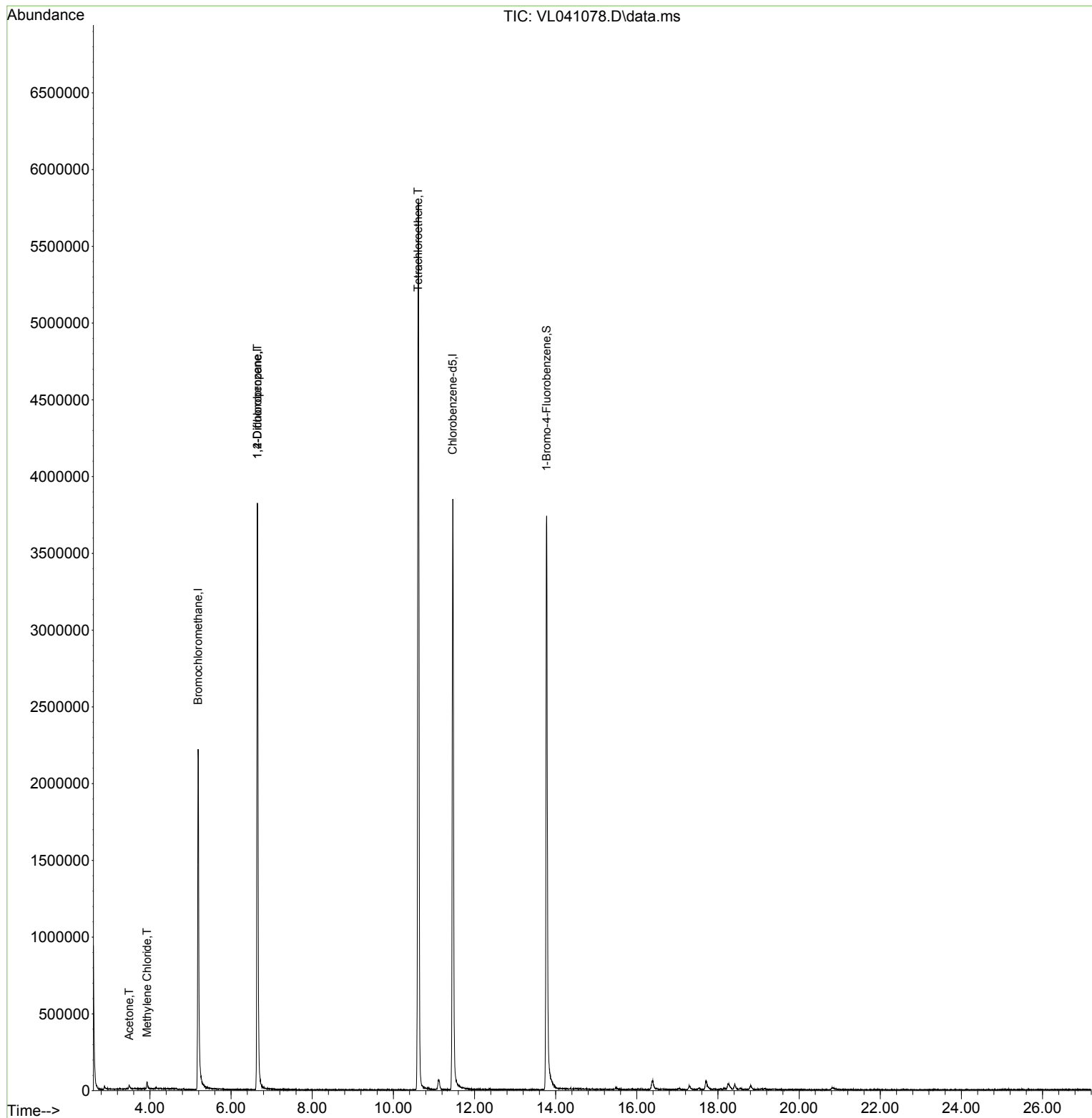
Internal Standards						
1) Bromochloromethane	5.189	49	1114824	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	2878689	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2547957	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1941710	10.089	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	26142	0.183	ppbv #	79
20) Methylene Chloride	3.928	84	15518	0.283	ppbv	91
39) 1,2-Dichloropropane	6.648	63	720356	7.691	ppbv #	25
52) Tetrachloroethene	10.613	164	1375269	17.419	ppbv	99

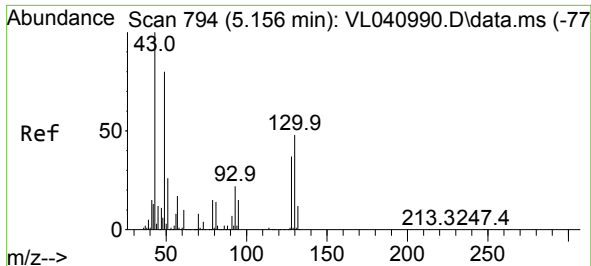
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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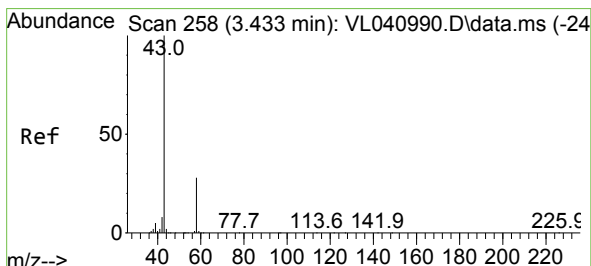
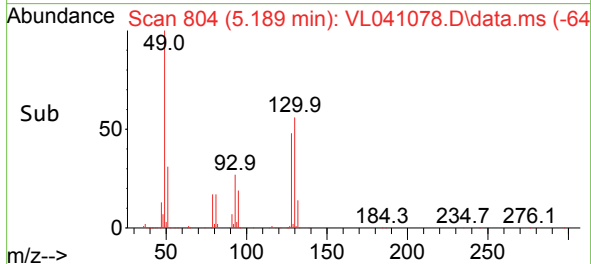
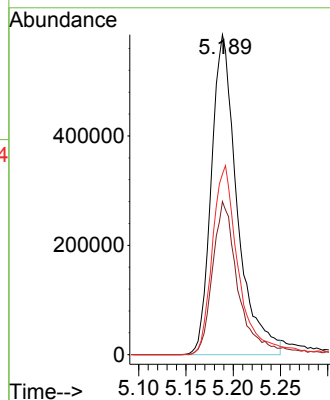
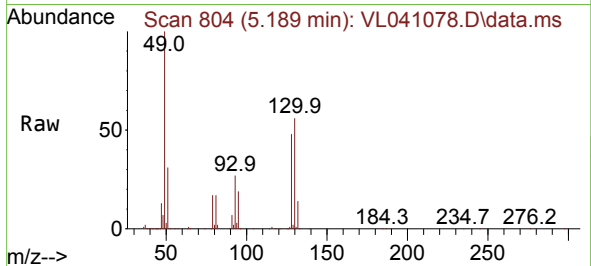




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

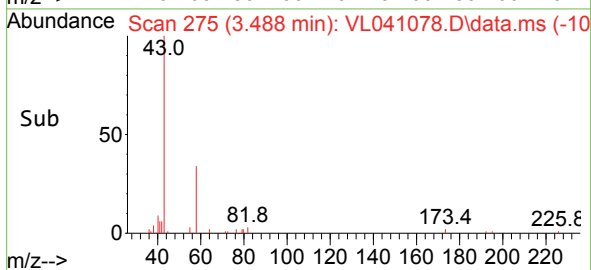
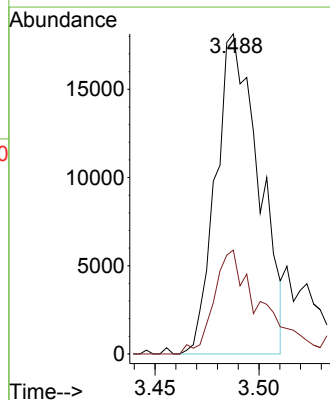
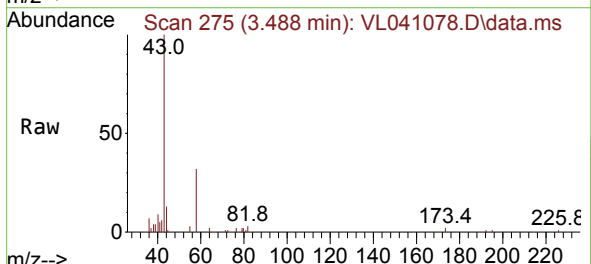
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

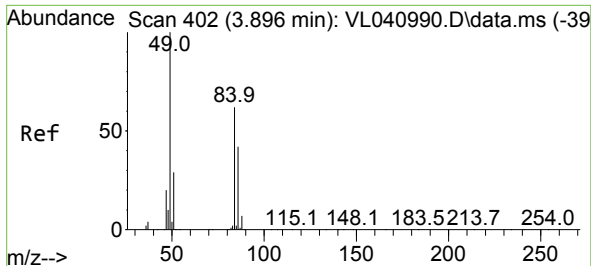
Tgt Ion: 49 Resp: 1114824
Ion Ratio Lower Upper
49 100
128 48.6 23.9 71.7
130 60.9 31.1 93.5



#15
Acetone
Concen: 0.183 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.042 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

Tgt Ion: 43 Resp: 26142
Ion Ratio Lower Upper
43 100
58 38.5 22.2 33.2#

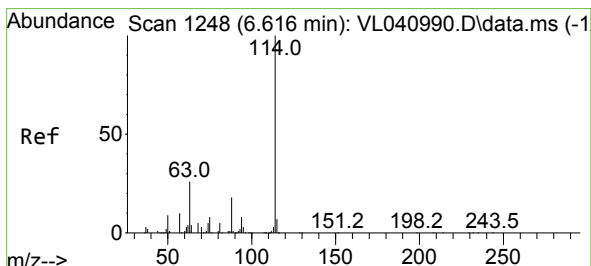
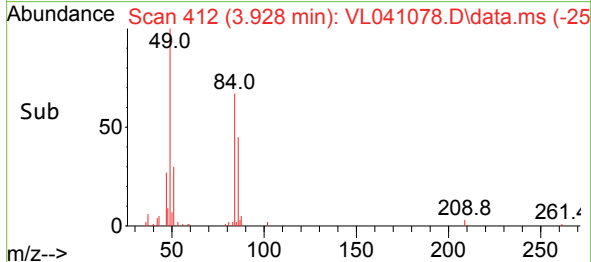
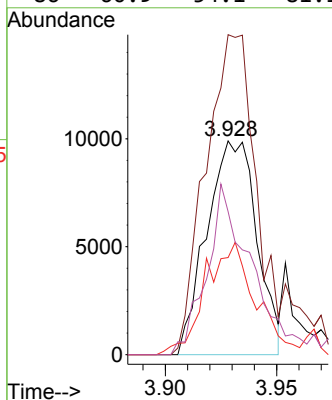
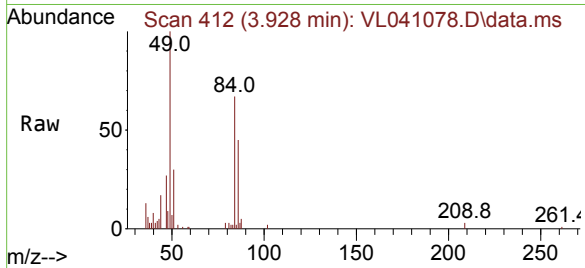




#20
Methylene Chloride
Concen: 0.283 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.016 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

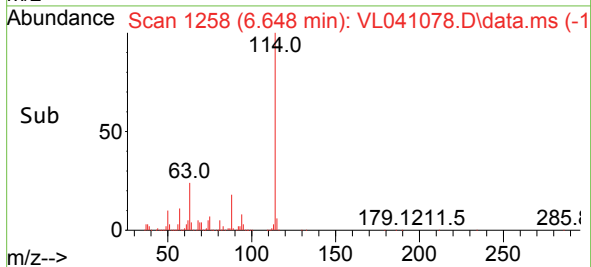
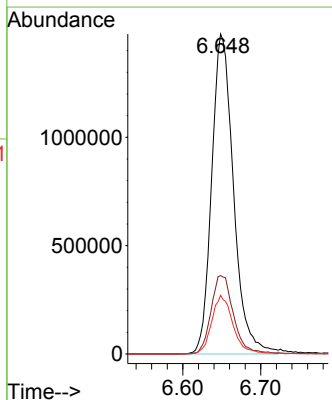
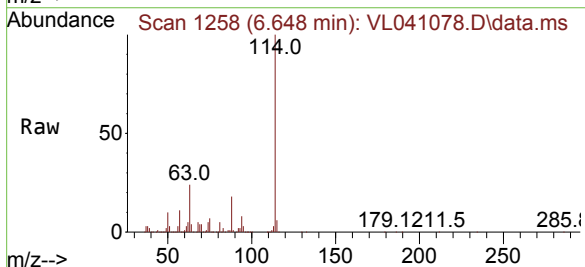
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

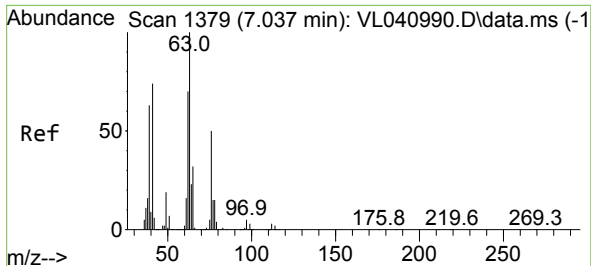
Tgt Ion: 84 Resp: 15518
Ion Ratio Lower Upper
84 100
49 146.6 128.1 192.1
51 40.1 36.5 54.7
86 60.9 54.1 81.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.010 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

Tgt Ion: 114 Resp: 2878689
Ion Ratio Lower Upper
114 100
63 25.5 20.8 31.2
88 18.0 14.3 21.5





#39

1,2-Dichloropropane

Concen: 7.691 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.408 min

Lab File: VL041078.D

Acq: 16 Feb 2024 9:55

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

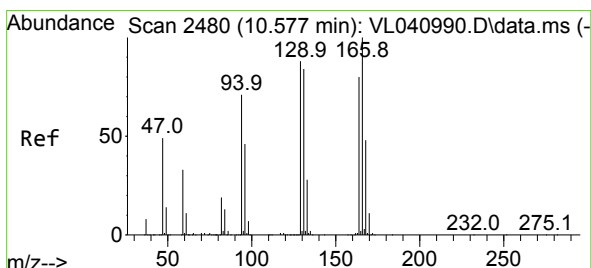
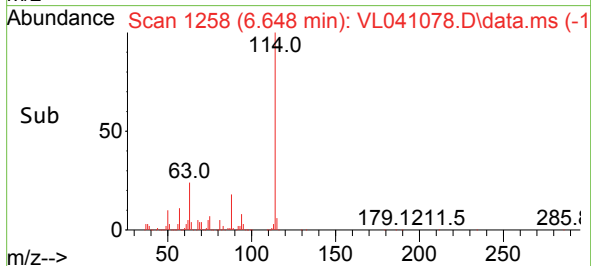
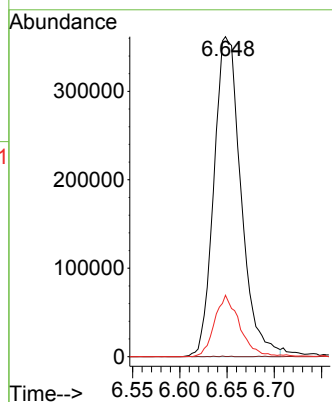
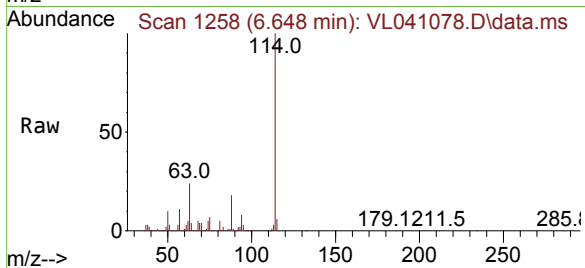
Tgt Ion: 63 Resp: 720356

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 19.2 55.6 83.4#



#52

Tetrachloroethene

Concen: 17.419 ppbv

RT: 10.613 min Scan# 2491

Delta R.T. 0.013 min

Lab File: VL041078.D

Acq: 16 Feb 2024 9:55

Tgt Ion:164 Resp: 1375269

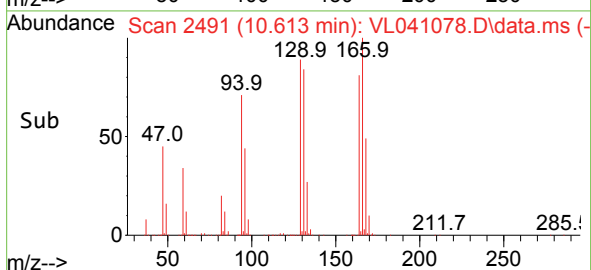
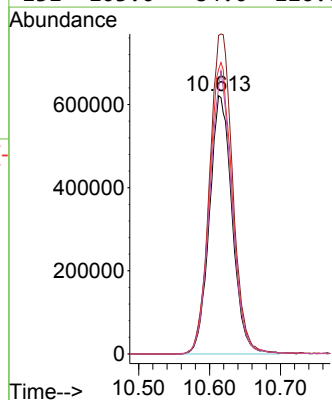
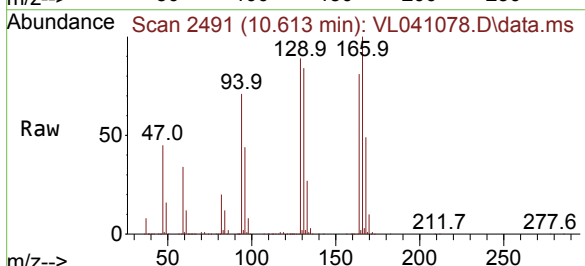
Ion Ratio Lower Upper

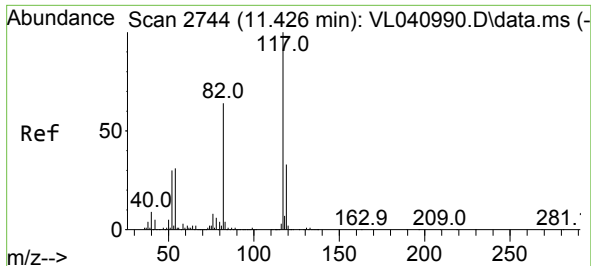
164 100

166 123.4 100.2 150.2

129 110.2 87.9 131.9

131 103.0 84.0 126.0

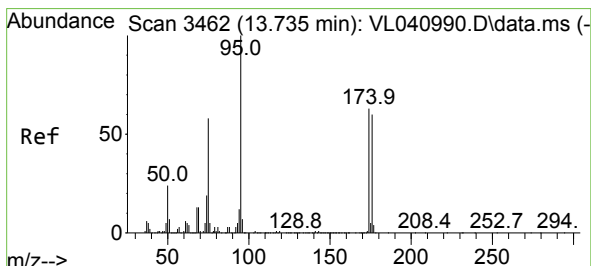
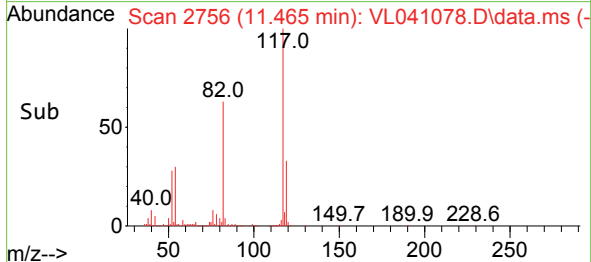
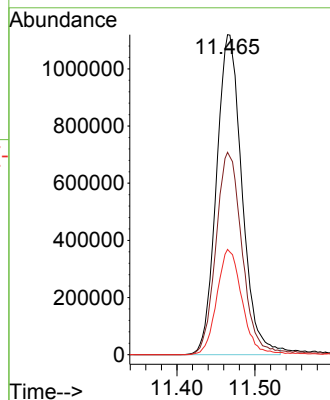
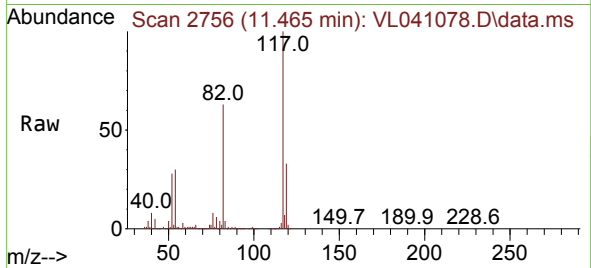




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion:117 Resp: 2547957
Ion Ratio Lower Upper
117 100
82 65.9 51.7 77.5
119 32.8 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 10.089 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.016 min
Lab File: VL041078.D
Acq: 16 Feb 2024 9:55

Tgt Ion: 95 Resp: 1941710
Ion Ratio Lower Upper
95 100
174 61.4 49.1 73.7
175 4.6 3.7 5.5

