

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041077.D
 Acq On : 16 Feb 2024 9:18
 Operator : SY/MD
 Sample : P1490-01DL2 600X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Quant Time: Feb 17 00:13:00 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)

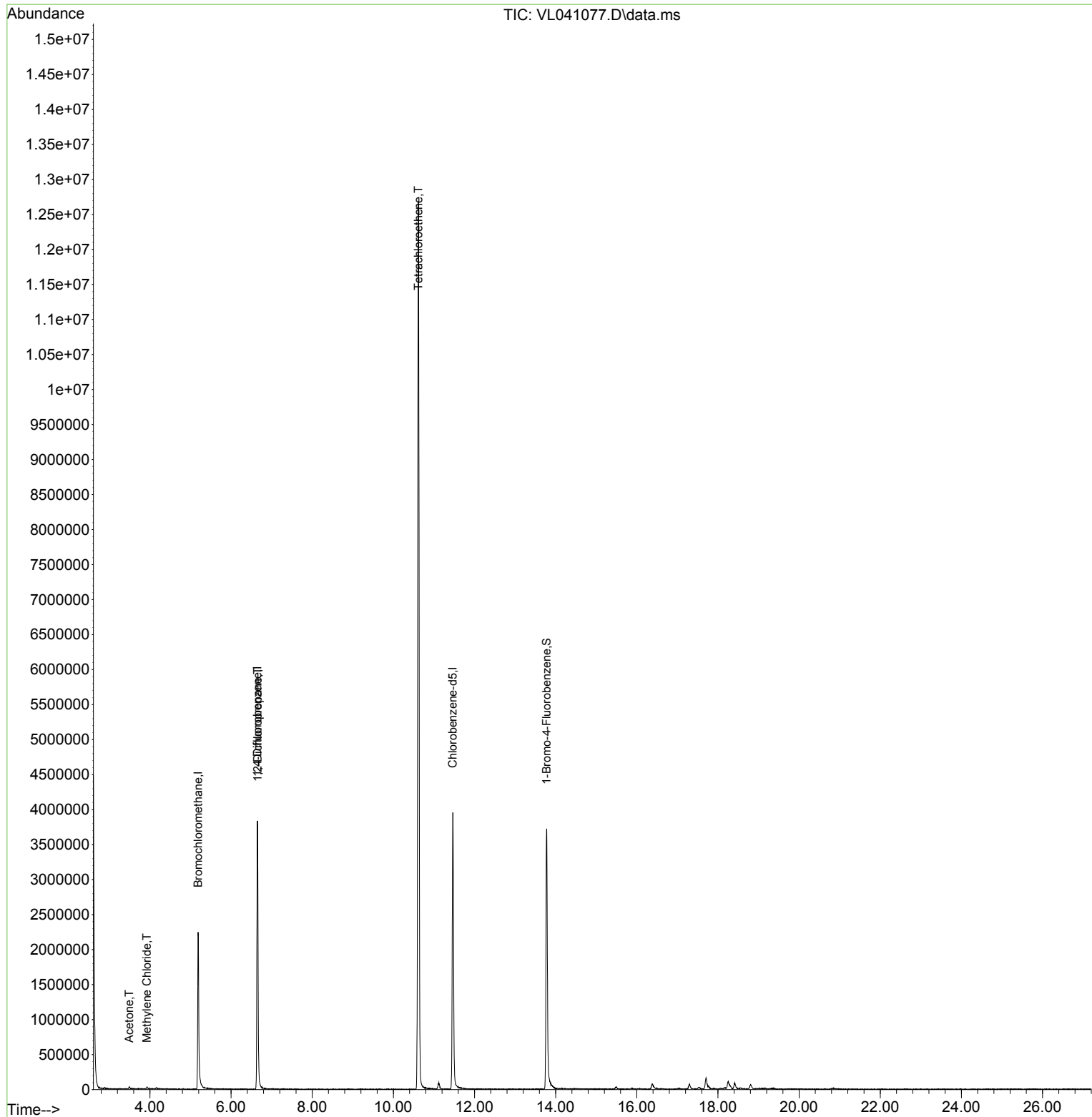
Internal Standards						
1) Bromochloromethane	5.189	49	1143995	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	2925259	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2602649	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1954681	9.943	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	18156	0.124	ppbv #	43
20) Methylene Chloride	3.925	84	4583	0.081	ppbv #	73
39) 1,2-Dichloropropane	6.652	63	722666	7.593	ppbv #	24
52) Tetrachloroethene	10.619	164	3195926	39.834	ppbv	99

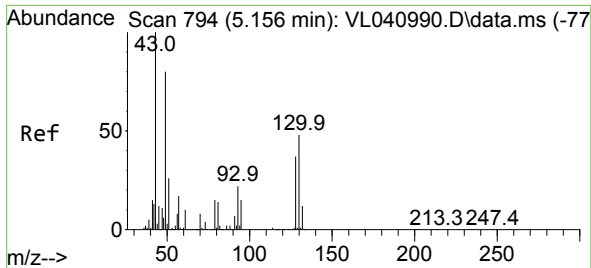
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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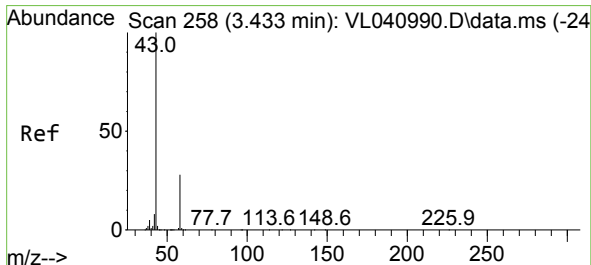
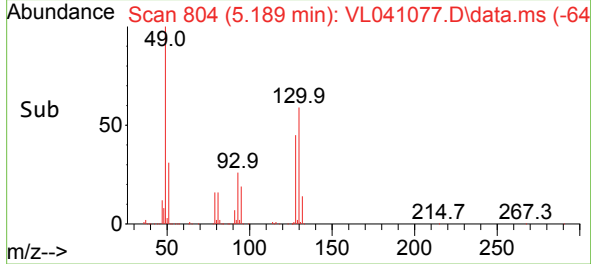
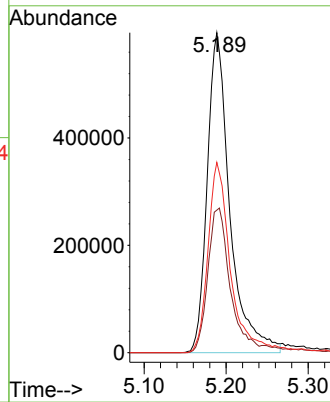
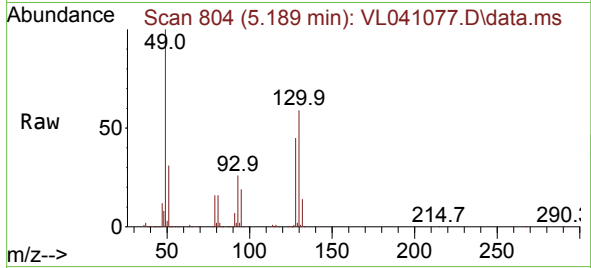




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

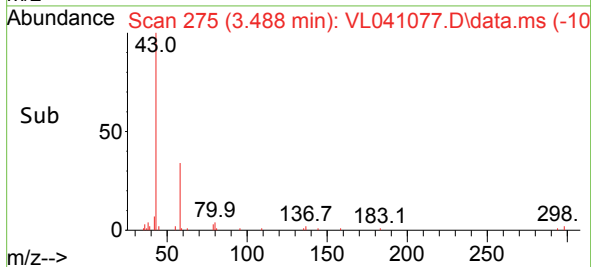
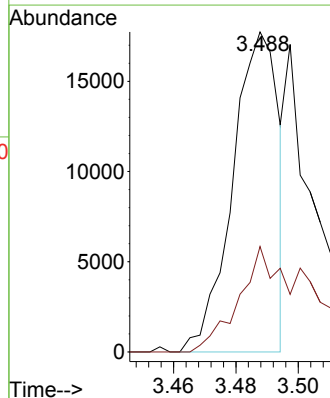
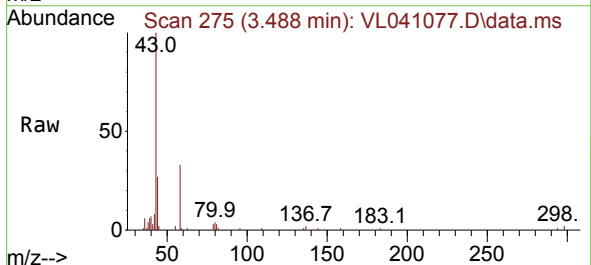
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

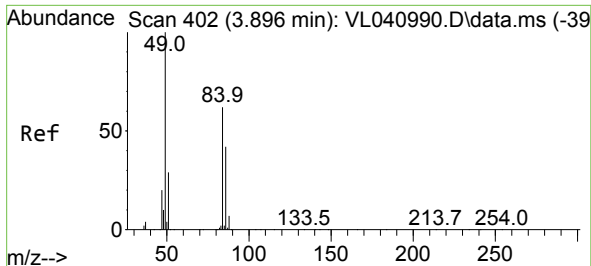
Tgt Ion: 49 Resp: 1143995
Ion Ratio Lower Upper
49 100
128 48.0 23.9 71.7
130 61.3 31.1 93.5



#15
Acetone
Concen: 0.124 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.042 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

Tgt Ion: 43 Resp: 18156
Ion Ratio Lower Upper
43 100
58 57.5 22.2 33.2#

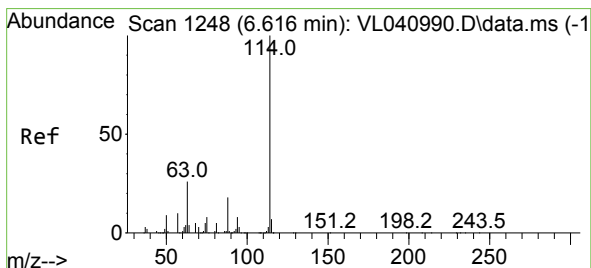
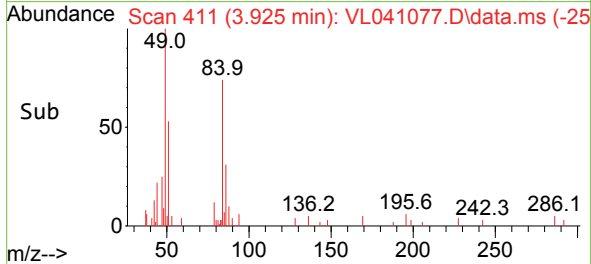
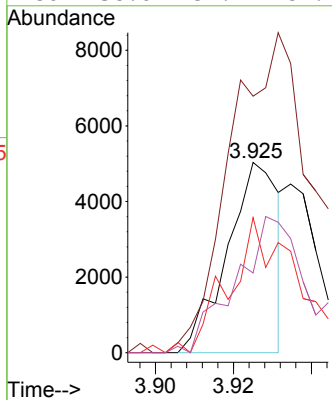
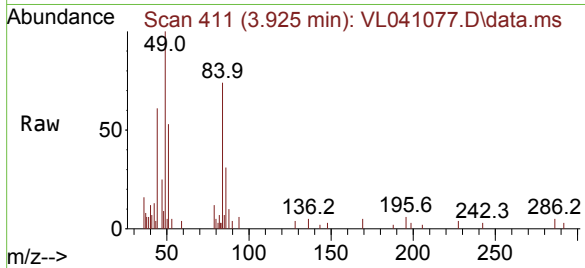




#20
Methylene Chloride
Concen: 0.081 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

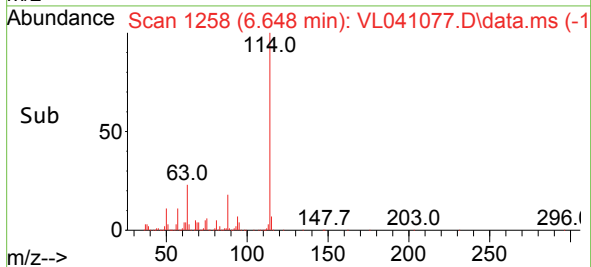
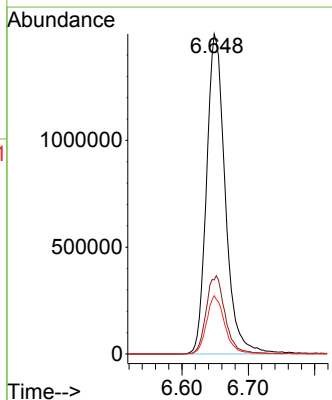
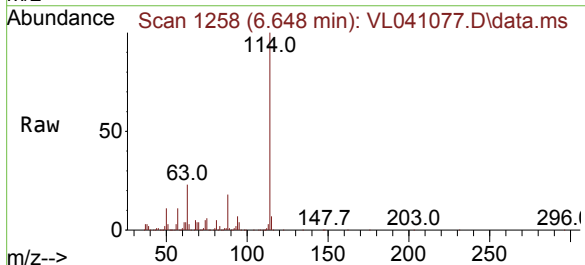
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

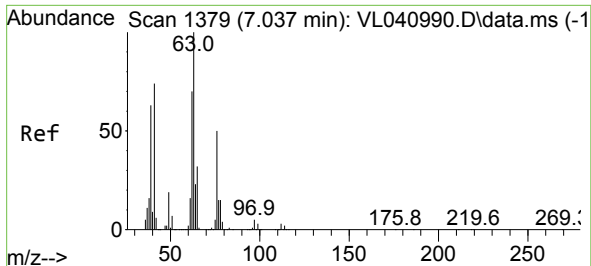
Tgt Ion: 84 Resp: 4583
Ion Ratio Lower Upper
84 100
49 129.7 128.1 192.1
51 65.6 36.5 54.7#
86 38.6 54.1 81.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.010 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

Tgt Ion: 114 Resp: 2925259
Ion Ratio Lower Upper
114 100
63 25.2 20.8 31.2
88 17.9 14.3 21.5





#39

1,2-Dichloropropane

Concen: 7.593 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.405 min

Lab File: VL041077.D

Acq: 16 Feb 2024 9:18

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

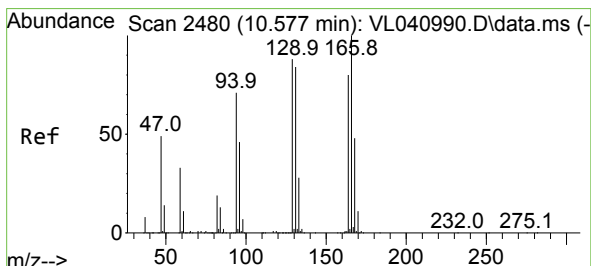
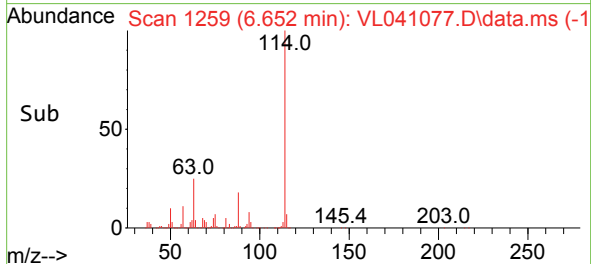
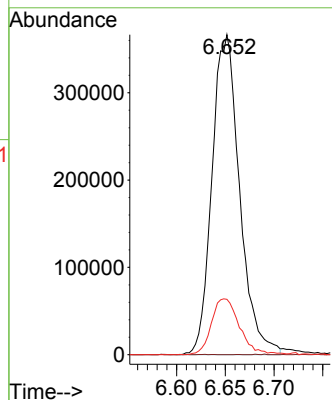
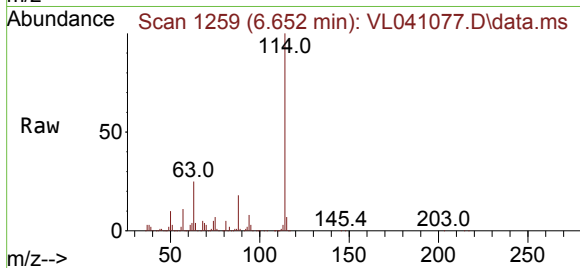
Tgt Ion: 63 Resp: 722666

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 17.2 55.6 83.4#



#52

Tetrachloroethene

Concen: 39.834 ppbv

RT: 10.619 min Scan# 2493

Delta R.T. 0.019 min

Lab File: VL041077.D

Acq: 16 Feb 2024 9:18

Tgt Ion:164 Resp: 3195926

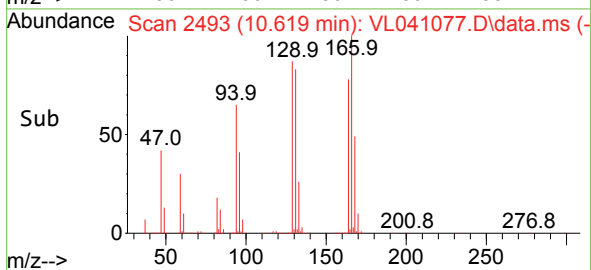
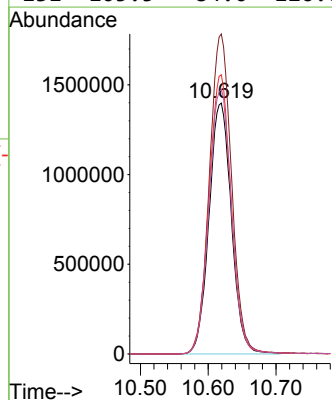
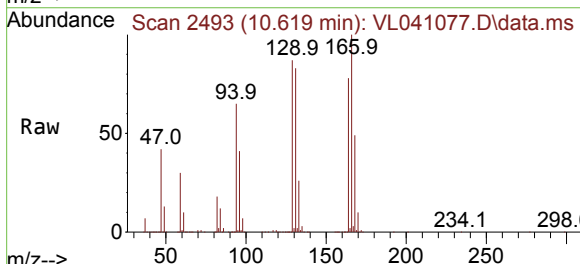
Ion Ratio Lower Upper

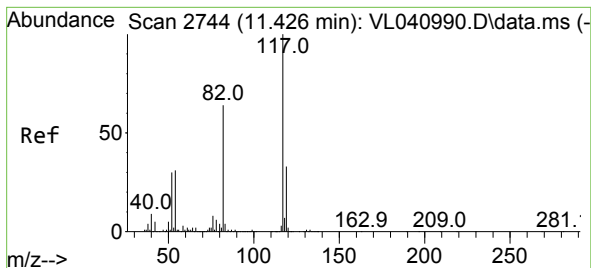
164 100

166 127.5 100.2 150.2

129 111.2 87.9 131.9

131 105.5 84.0 126.0

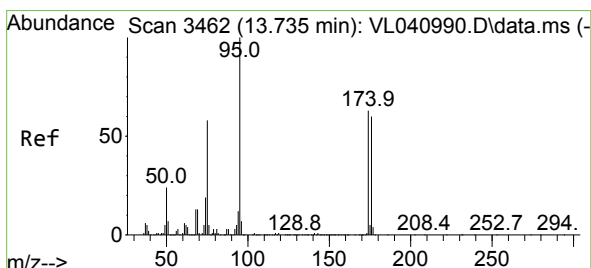
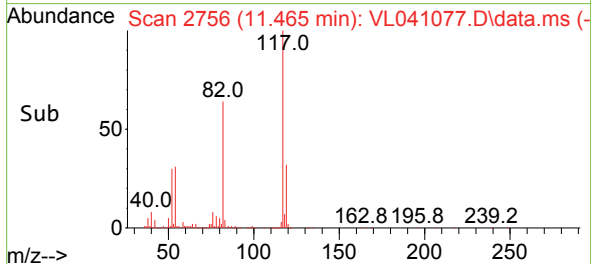
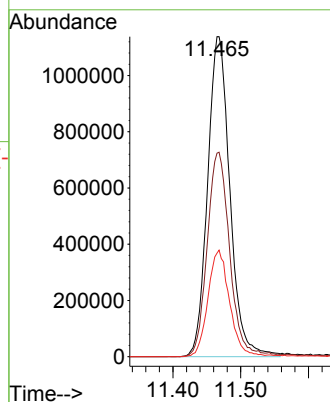
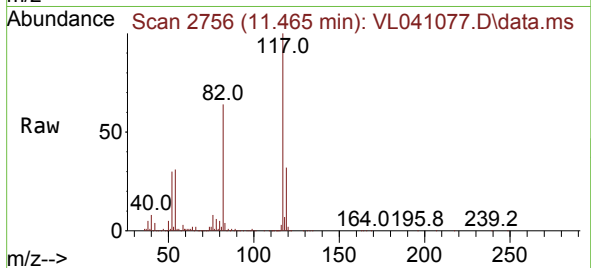




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tgt Ion:117 Resp: 2602649
Ion Ratio Lower Upper
117 100
82 65.3 51.7 77.5
119 32.7 23.8 35.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.943 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.016 min
Lab File: VL041077.D
Acq: 16 Feb 2024 9:18

Tgt Ion: 95 Resp: 1954681
Ion Ratio Lower Upper
95 100
174 61.8 49.1 73.7
175 4.4 3.7 5.5

