

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041560.D
 Acq On : 21 Aug 2024 9:48
 Operator : SY/MD
 Sample : VL0821ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 22 01:08:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

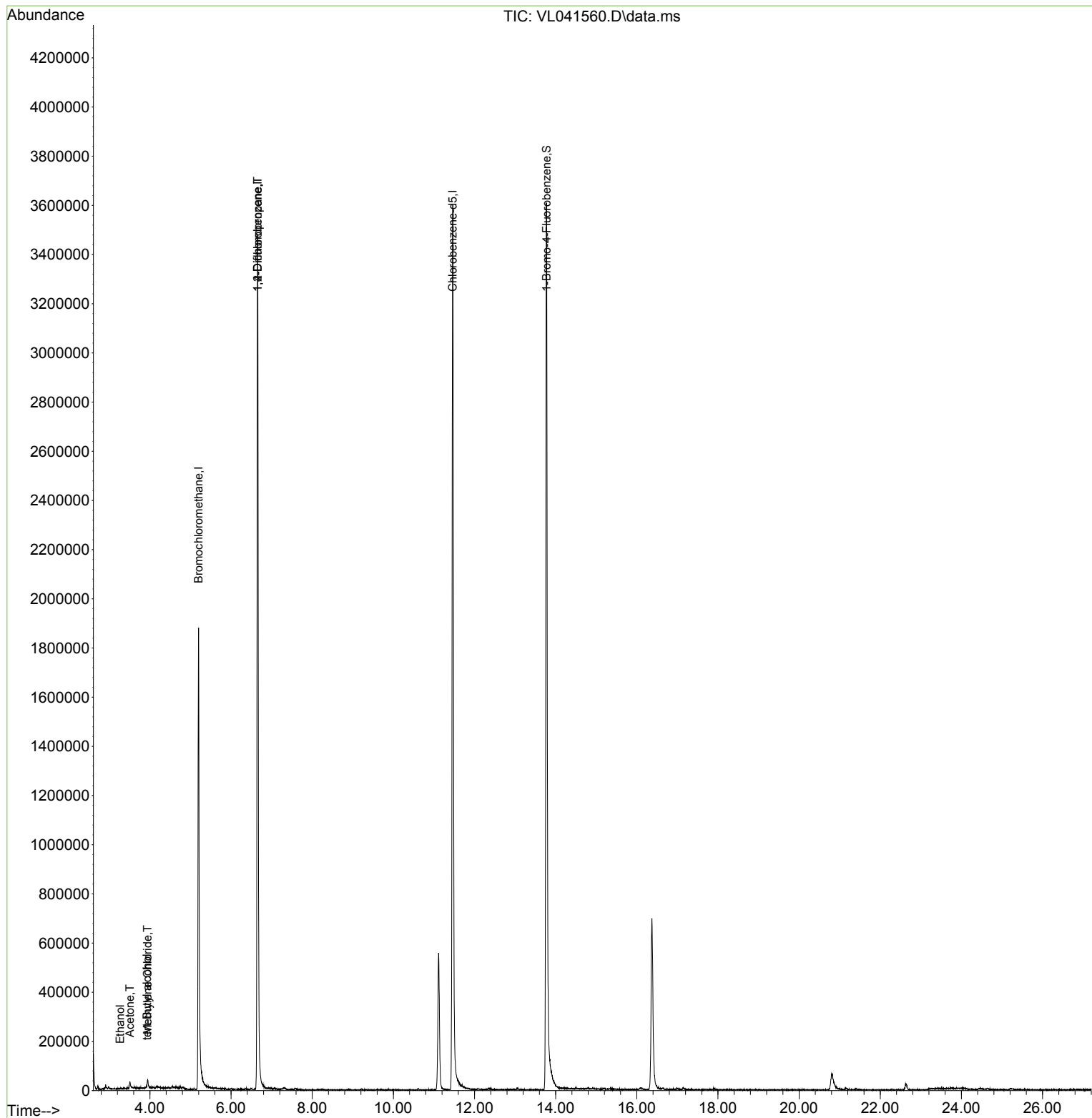
Internal Standards						
1) Bromochloromethane	5.198	49	1046373	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2749576	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2505031	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1874208	9.722	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.266	45	170	0.033	ppbv #	41
15) Acetone	3.507	43	25474	0.214	ppbv #	83
17) tert-Butyl alcohol	3.928	59	4008	0.037	ppbv #	73
20) Methylene Chloride	3.944	84	8691	0.196	ppbv #	78
39) 1,2-Dichloropropane	6.655	63	675235	8.779	ppbv #	25

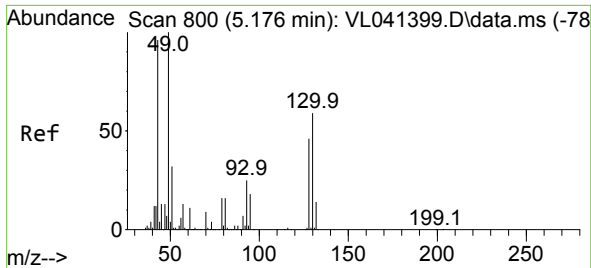
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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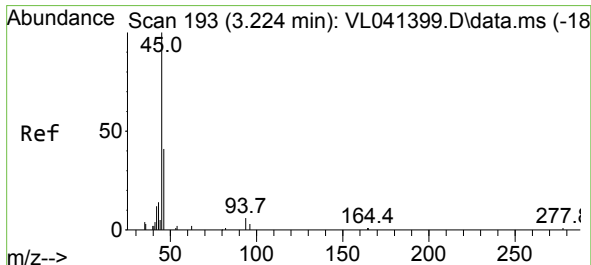
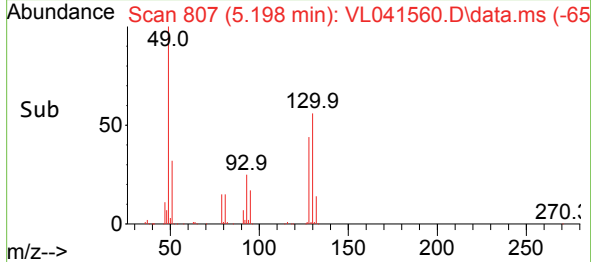
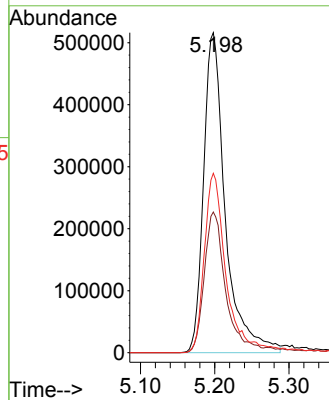
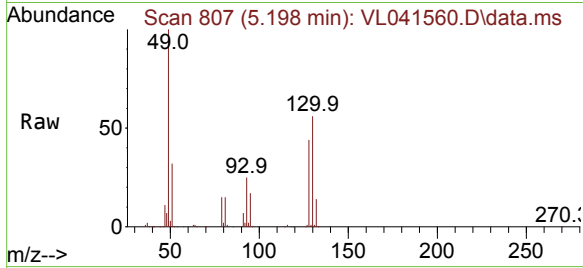




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

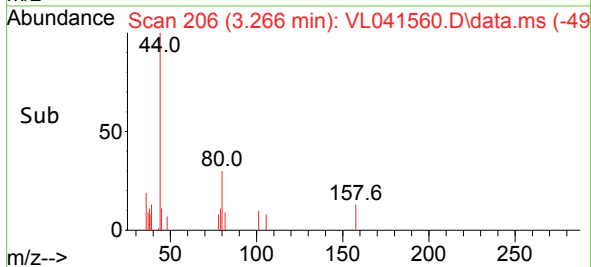
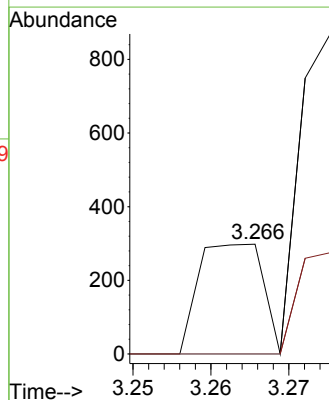
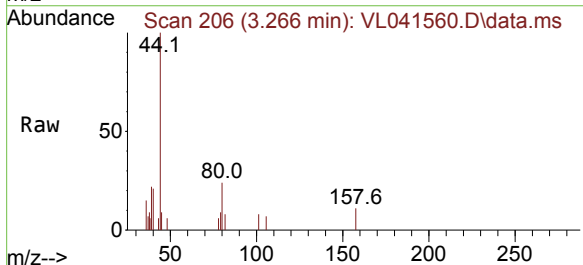
Instrument :
MSVOA_L
ClientSampleId :

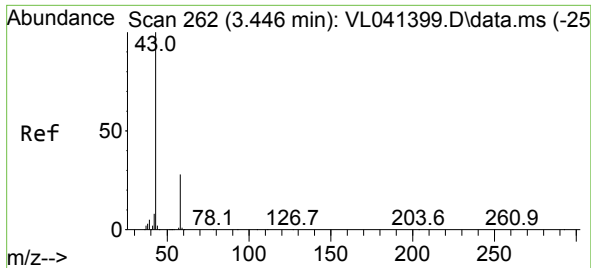
Tgt Ion: 49 Resp: 1046373
Ion Ratio Lower Upper
49 100
128 45.5 23.8 71.4
130 57.9 30.8 92.4



#13
Ethanol
Concen: 0.033 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.006 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

Tgt Ion: 45 Resp: 170
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4#

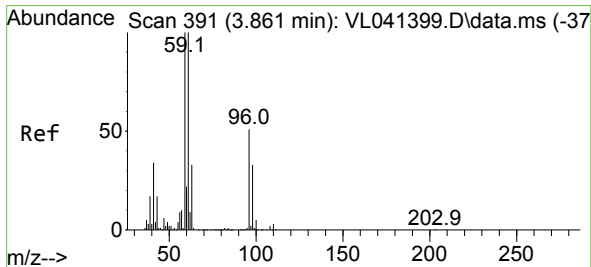
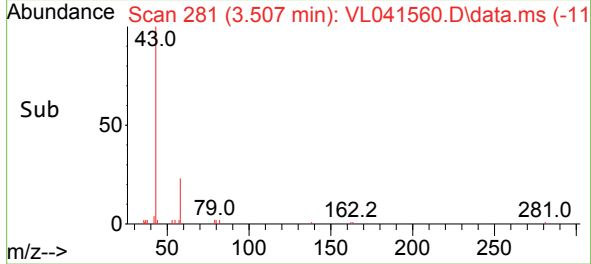
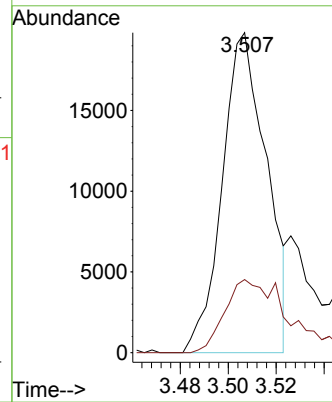
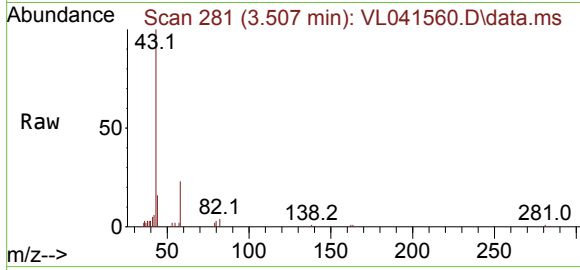




#15
Acetone
Concen: 0.214 ppbv
RT: 3.507 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

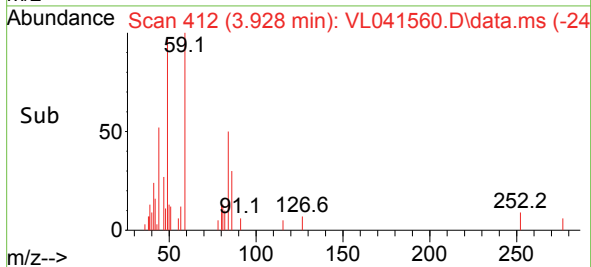
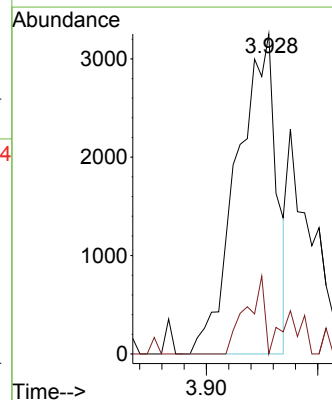
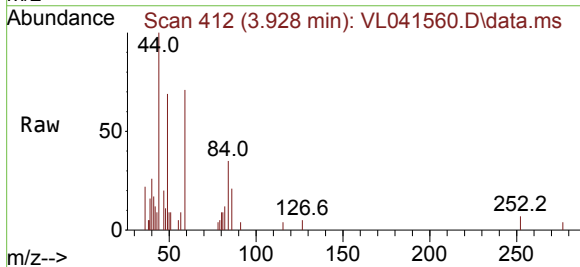
Instrument :
MSVOA_L
ClientSampleId :

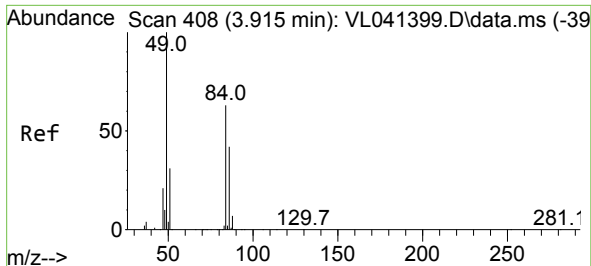
Tgt Ion: 43 Resp: 25474
Ion Ratio Lower Upper
43 100
58 35.7 21.4 32.2#



#17
tert-Butyl alcohol
Concen: 0.037 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.045 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

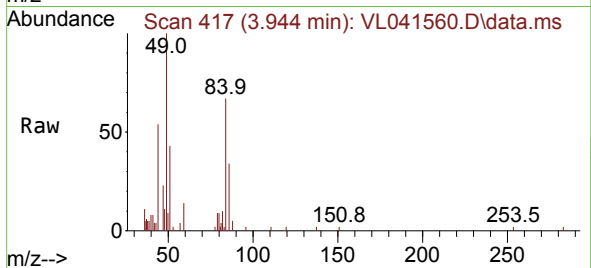
Tgt Ion: 59 Resp: 4008
Ion Ratio Lower Upper
59 100
57 20.7 8.6 12.8#



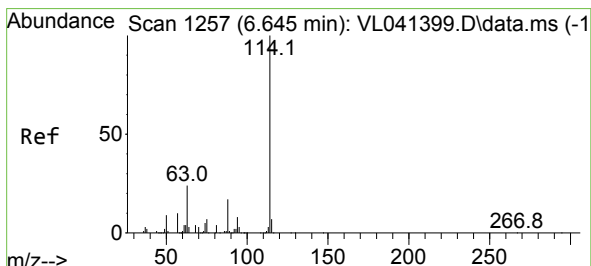
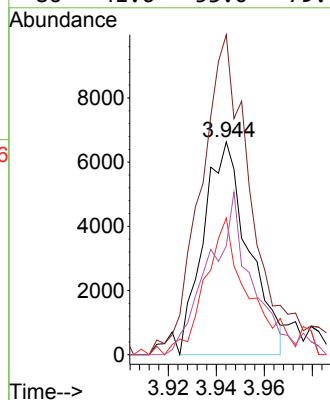
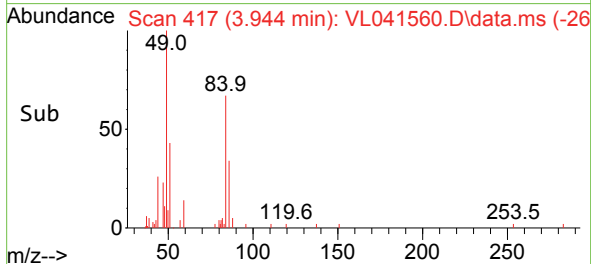


#20
Methylene Chloride
Concen: 0.196 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.003 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

Instrument :
MSVOA_L
ClientSampleId :

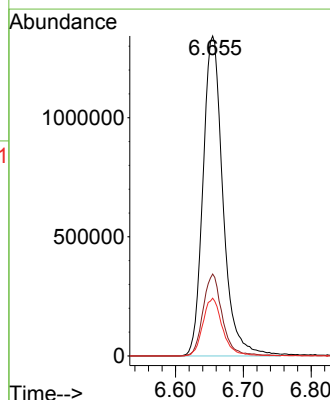
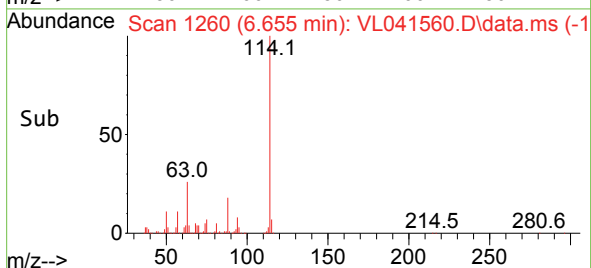
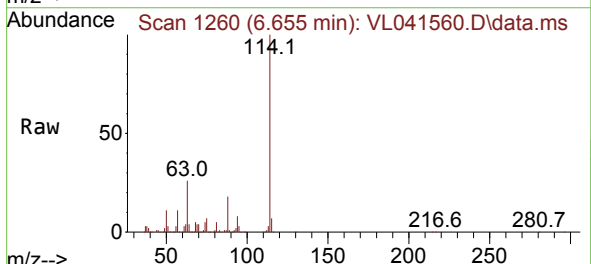


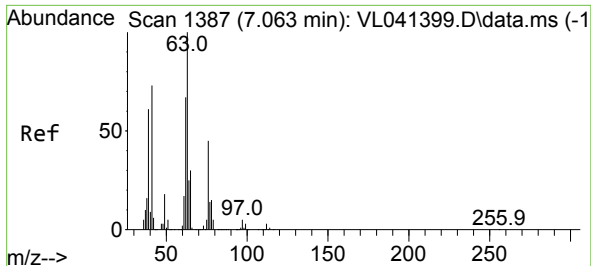
Tgt Ion: 84 Resp: 8691
Ion Ratio Lower Upper
84 100
49 131.6 126.6 190.0
51 56.9 38.6 58.0
86 41.6 53.0 79.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VL041560.D
Acq: 21 Aug 2024 9:48

Tgt Ion: 114 Resp: 2749576
Ion Ratio Lower Upper
114 100
63 24.9 20.3 30.5
88 17.8 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.779 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.421 min

Lab File: VL041560.D

Acq: 21 Aug 2024 9:48

Instrument :

MSVOA_L

ClientSampleId :

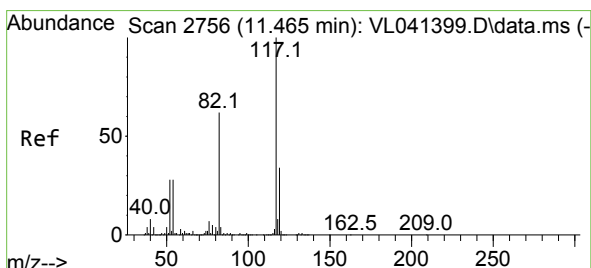
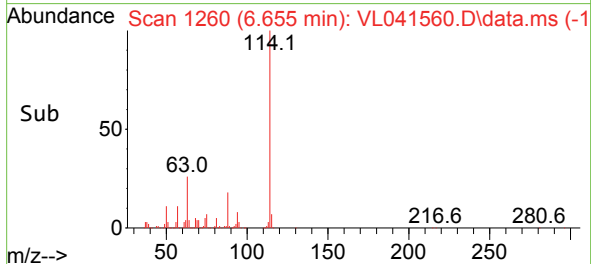
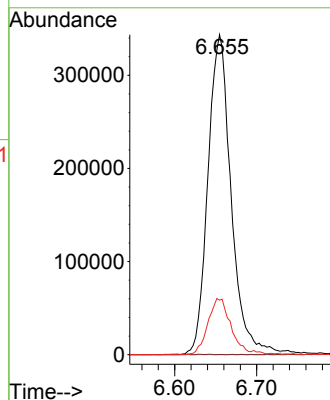
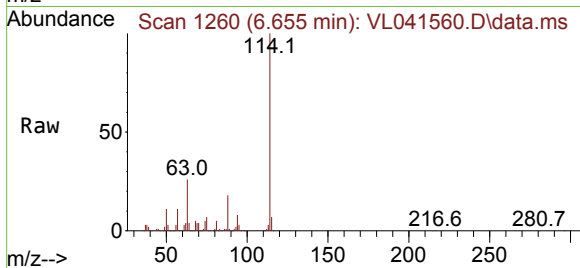
Tgt Ion: 63 Resp: 675235

Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.0 53.9 80.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. -0.000 min

Lab File: VL041560.D

Acq: 21 Aug 2024 9:48

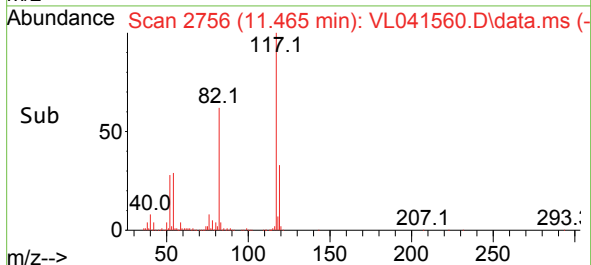
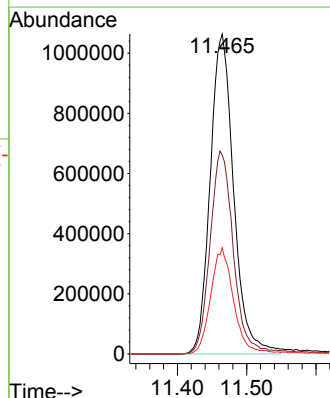
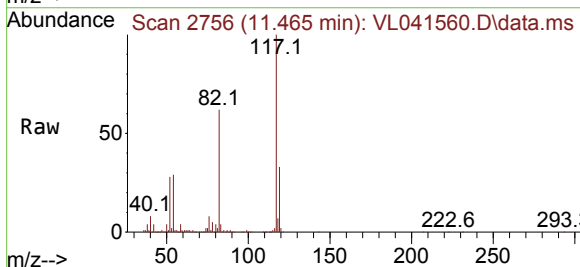
Tgt Ion: 117 Resp: 2505031

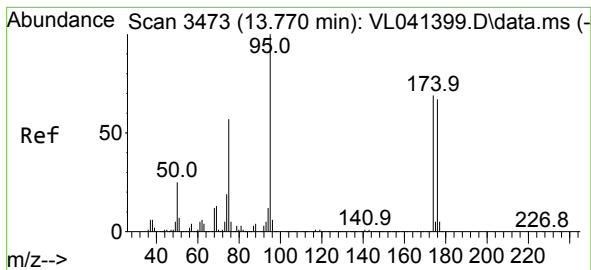
Ion Ratio Lower Upper

117 100

82 64.5 51.0 76.6

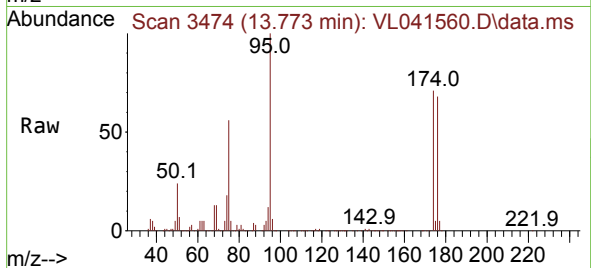
119 32.9 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.722 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL041560.D
 Acq: 21 Aug 2024 9:48

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1874208
 Ion Ratio Lower Upper
 95 100
 174 72.9 56.3 84.5
 175 5.2 4.0 6.0

