

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041114.D
 Acq On : 14 Mar 2024 19:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 15 02:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

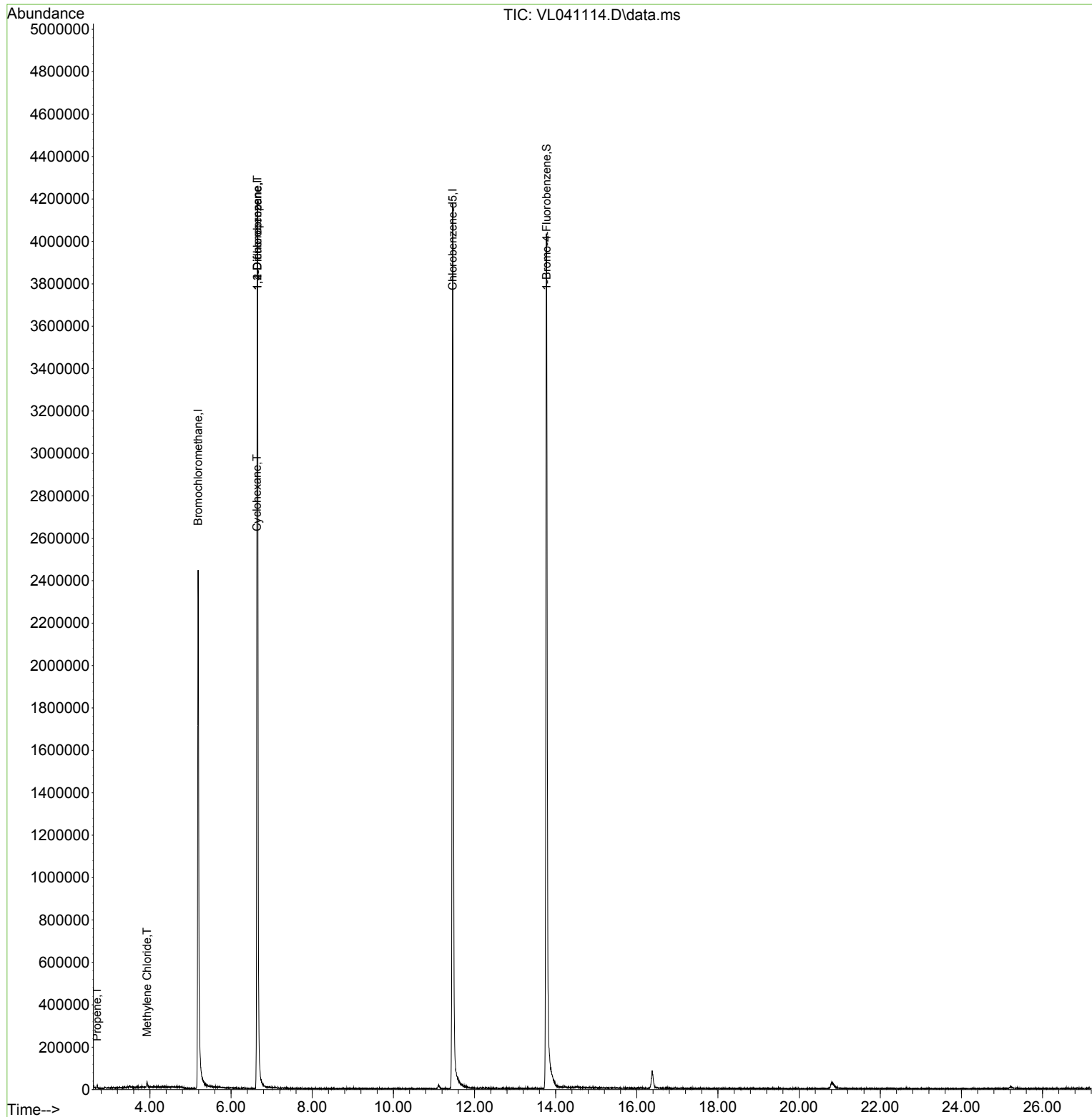
Internal Standards						
1) Bromochloromethane	5.189	49	1254540	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3226806	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2758183	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2079719	9.644	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	3228	0.053	ppbv	84
20) Methylene Chloride	3.931	84	5217	0.094	ppbv	88
30) Cyclohexane	6.636	84	3922	0.041	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	794714	8.271	ppbv #	23

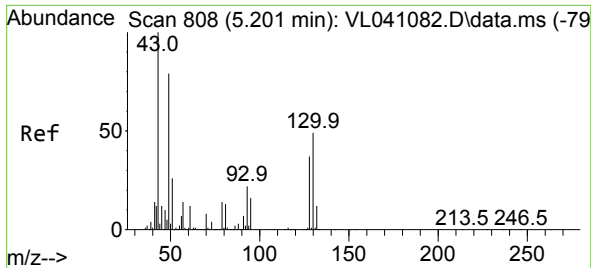
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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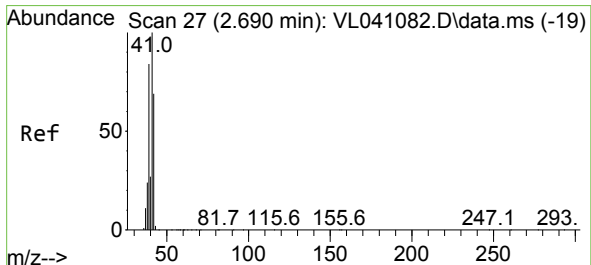
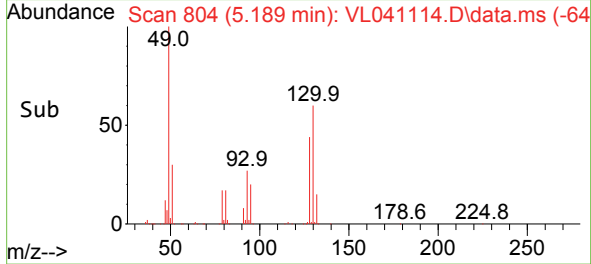
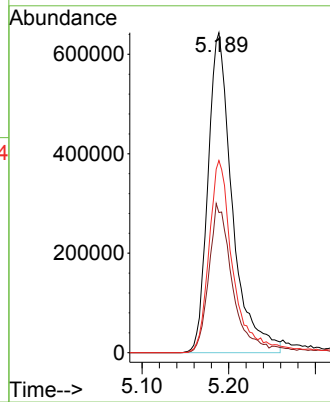
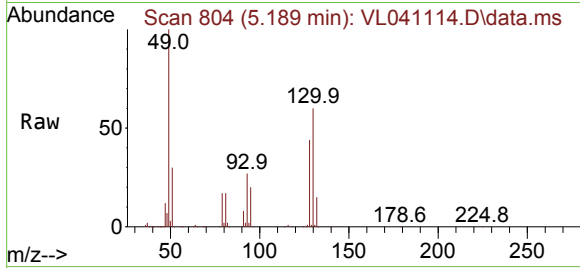




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

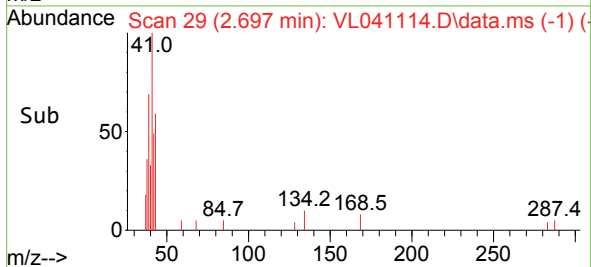
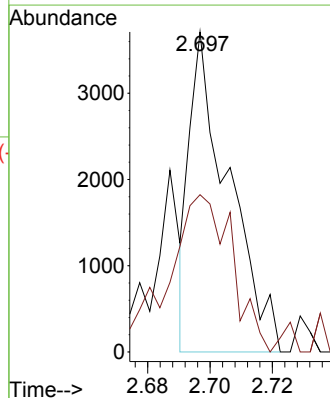
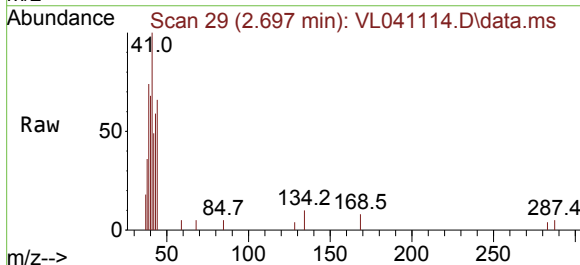
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

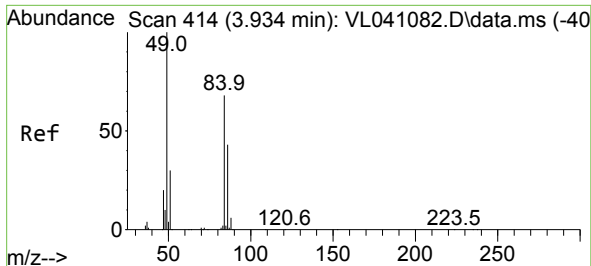
Tgt Ion: 49 Resp: 1254540
Ion Ratio Lower Upper
49 100
128 48.0 23.8 71.5
130 61.4 30.3 90.9



#9
Propene
Concen: 0.053 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.016 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

Tgt Ion: 41 Resp: 3228
Ion Ratio Lower Upper
41 100
42 82.9 55.9 83.9

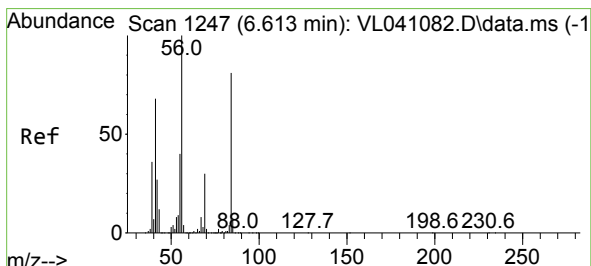
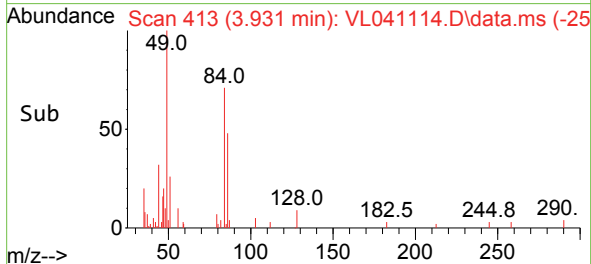
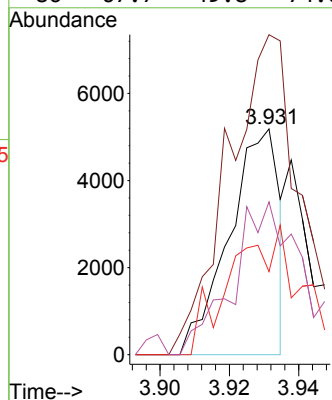
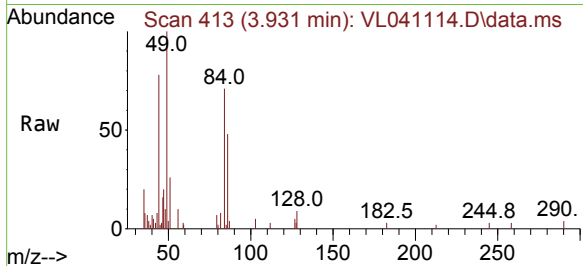




#20
Methylene Chloride
Concen: 0.094 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

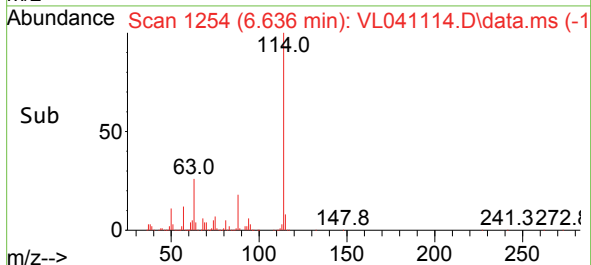
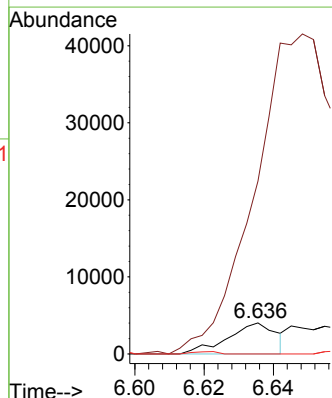
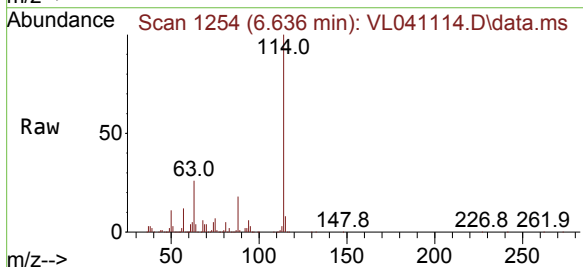
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MSVOA_L
ClientSampleId :
VIBLK

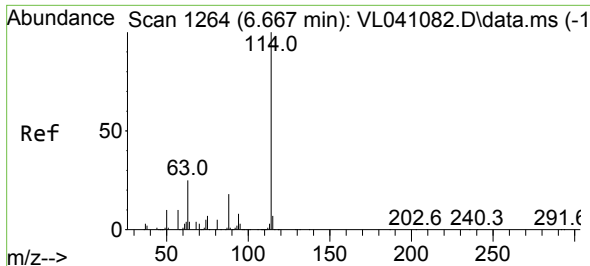
Tgt Ion: 84 Resp: 5217
Ion Ratio Lower Upper
84 100
49 128.0 117.0 175.6
51 36.8 34.9 52.3
86 67.7 49.8 74.6



#30
Cyclohexane
Concen: 0.041 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. 0.048 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

Tgt Ion: 84 Resp: 3922
Ion Ratio Lower Upper
84 100
56 0.0 110.4 165.6#
41 5.9 70.6 105.8#

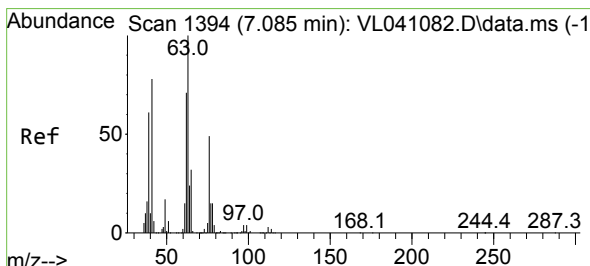
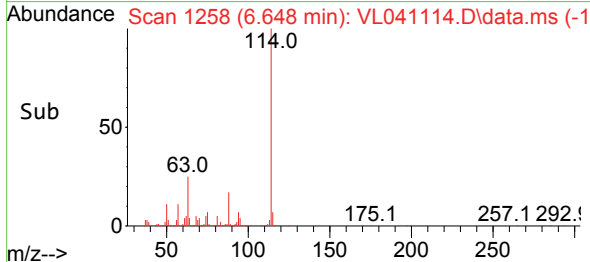
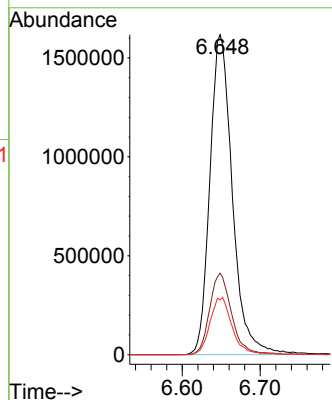
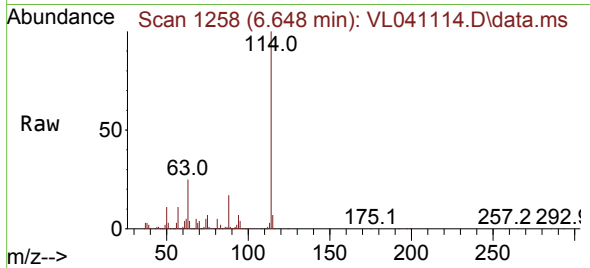




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VL041114.D
 Acq: 14 Mar 2024 19:40

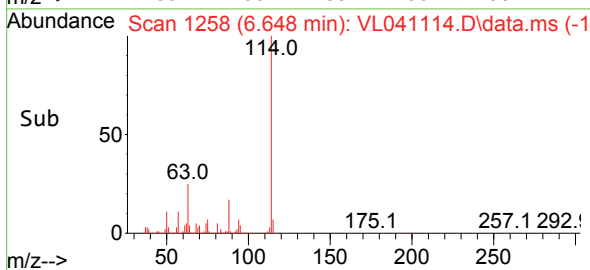
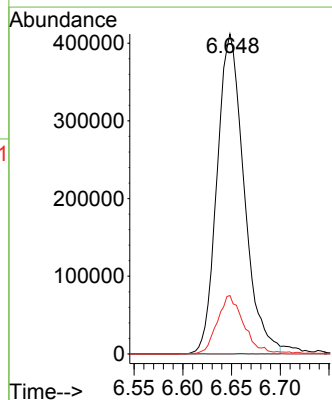
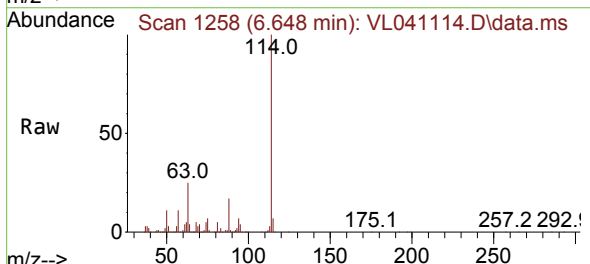
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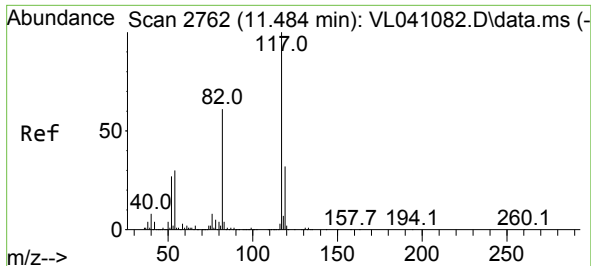
Tgt Ion:114 Resp: 3226806
 Ion Ratio Lower Upper
 114 100
 63 25.1 21.0 31.6
 88 17.9 14.6 22.0



#39
 1,2-Dichloropropane
 Concen: 8.271 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.415 min
 Lab File: VL041114.D
 Acq: 14 Mar 2024 19:40

Tgt Ion: 63 Resp: 794714
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 18.2 57.0 85.4#

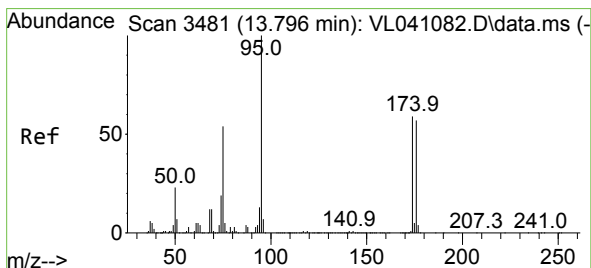
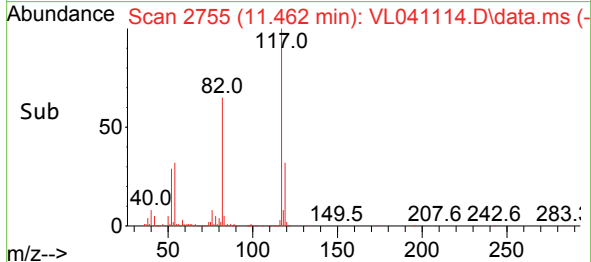
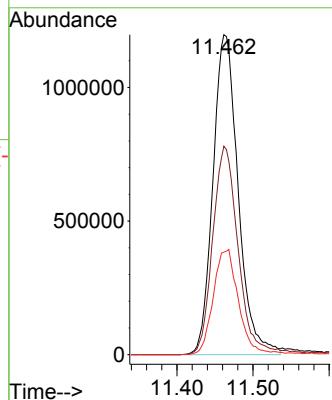
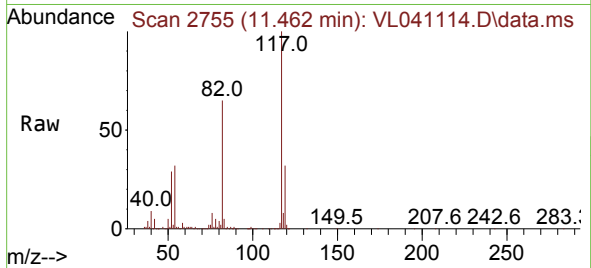




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2758183
Ion Ratio Lower Upper
117 100
82 66.5 51.4 77.2
119 33.9 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.644 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.010 min
Lab File: VL041114.D
Acq: 14 Mar 2024 19:40

Tgt Ion: 95 Resp: 2079719
Ion Ratio Lower Upper
95 100
174 63.7 47.8 71.8
175 4.7 3.5 5.3

