

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040678.D
 Acq On : 7 Sep 2023 21:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 08 03:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

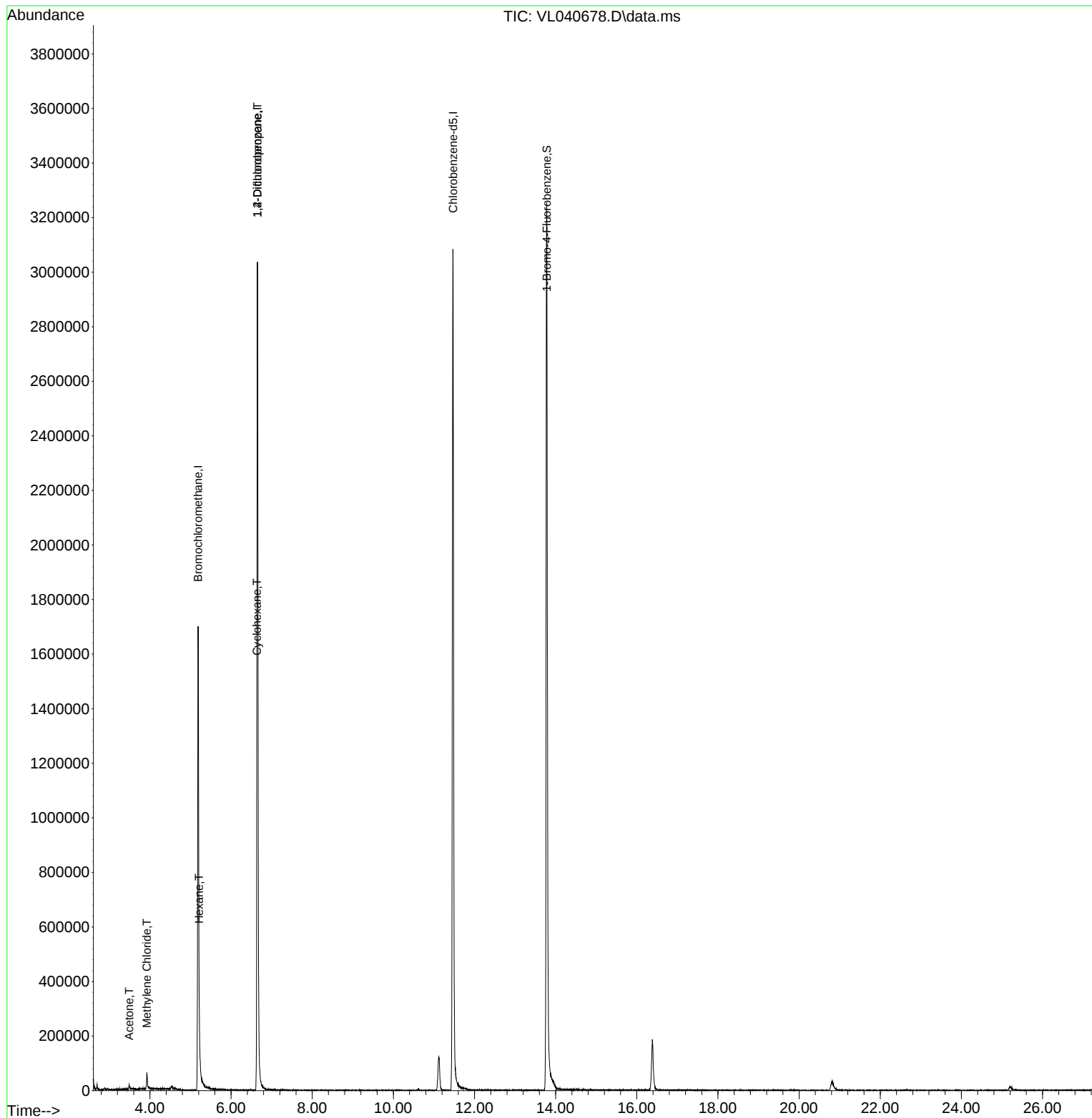
Internal Standards						
1) Bromochloromethane	5.189	49	798233	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2135731	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.471	117	1883225	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1494605	9.979	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
15) Acetone	3.488	43	9399	0.096	ppbv #	52
20) Methylene Chloride	3.925	84	15626	0.328	ppbv #	77
26) Hexane	5.211	57	2909	0.033	ppbv #	24
30) Cyclohexane	6.635	84	4947	0.073	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	544256	8.420	ppbv #	25

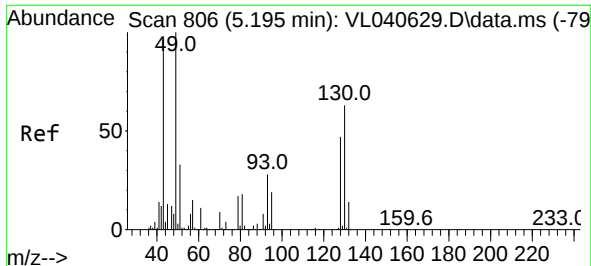
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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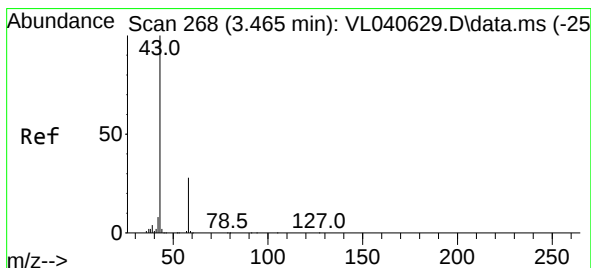
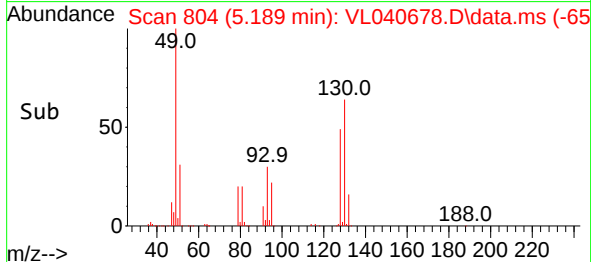
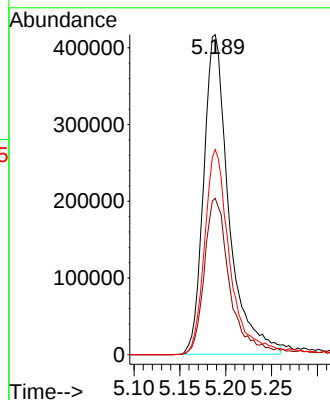
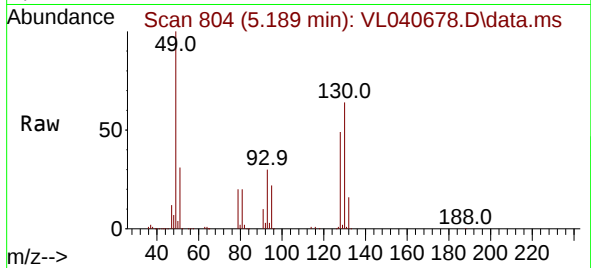




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

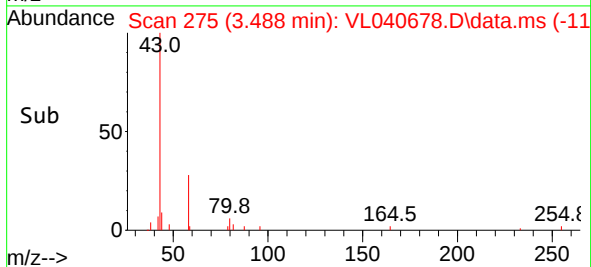
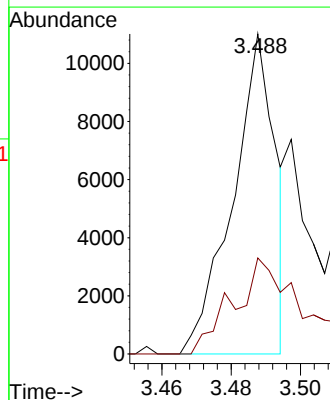
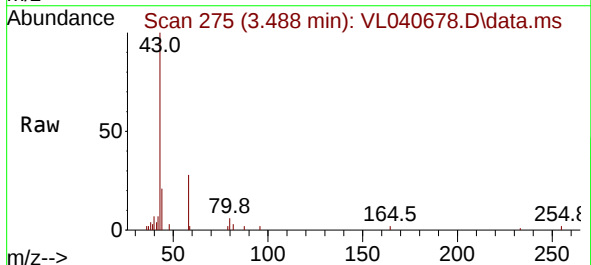
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

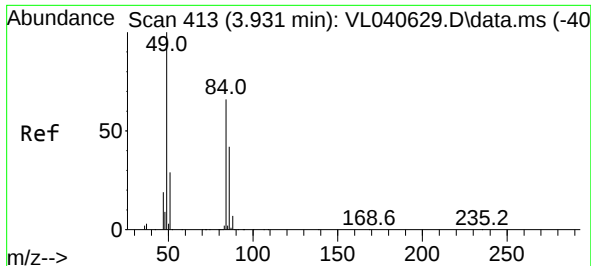
Tgt Ion: 49 Resp: 798233
Ion Ratio Lower Upper
49 100
128 50.8 24.9 74.7
130 65.6 32.2 96.6



#15
Acetone
Concen: 0.096 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.022 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

Tgt Ion: 43 Resp: 9399
Ion Ratio Lower Upper
43 100
58 53.2 22.4 33.6#

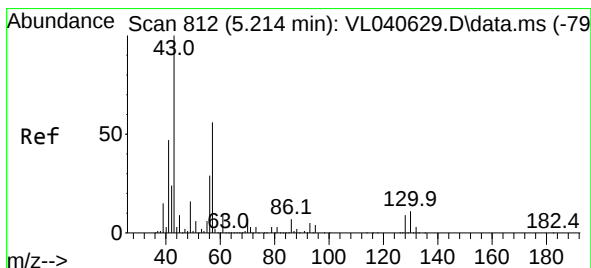
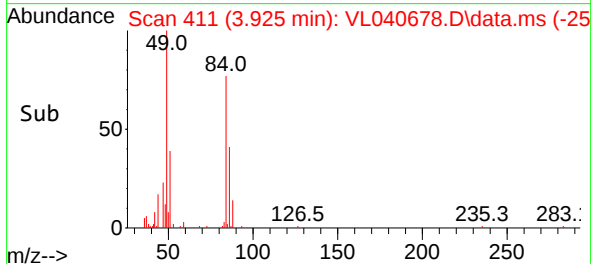
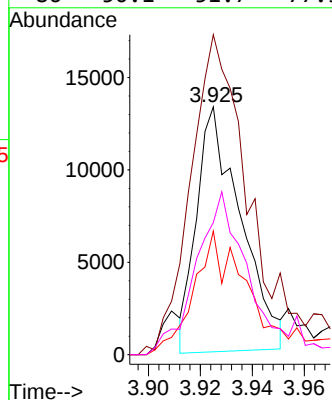
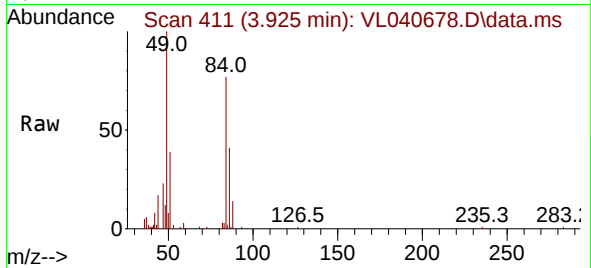




#20
Methylene Chloride
Concen: 0.328 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

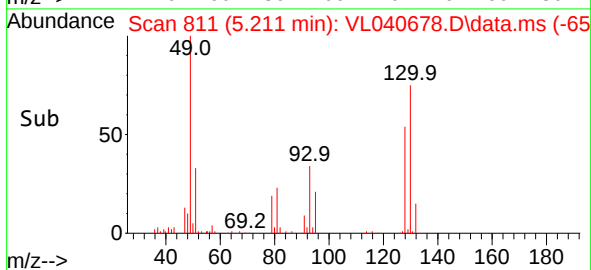
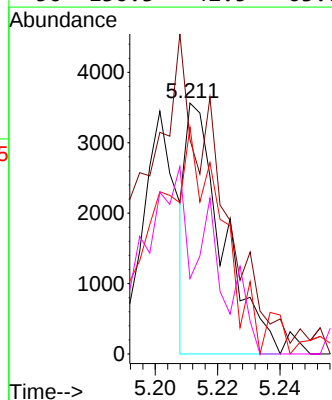
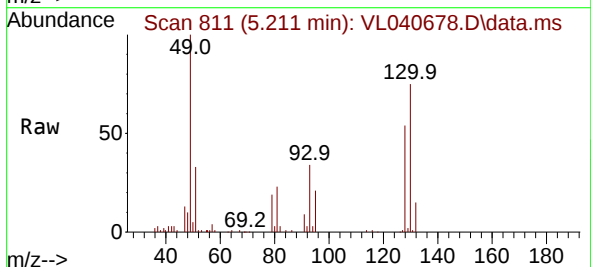
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

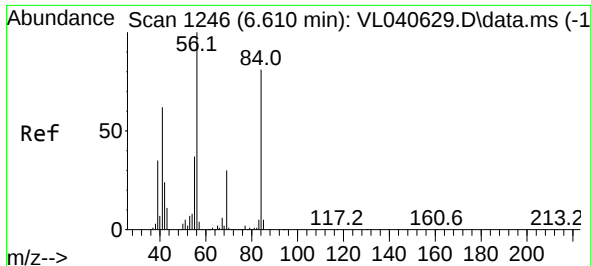
Tgt Ion: 84 Resp: 15626
Ion Ratio Lower Upper
84 100
49 111.9 122.1 183.1#
51 45.9 35.4 53.2
86 50.1 51.7 77.5#



#26
Hexane
Concen: 0.033 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

Tgt Ion: 57 Resp: 2909
Ion Ratio Lower Upper
57 100
41 261.7 69.3 103.9#
43 187.9 177.9 266.9
56 136.3 42.5 63.7#

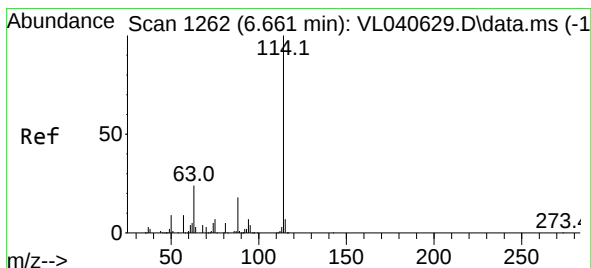
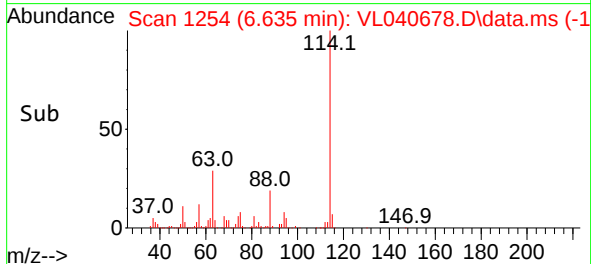
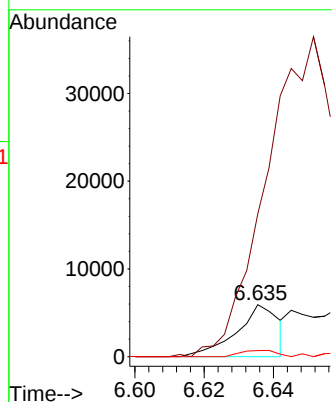
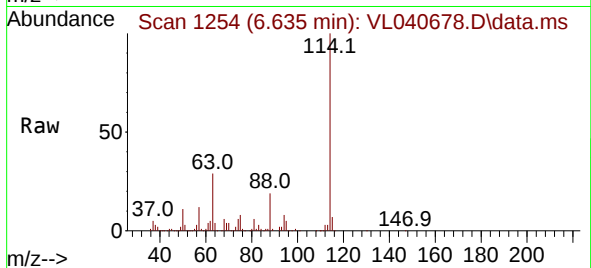




#30
Cyclohexane
Concen: 0.073 ppbv
RT: 6.635 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

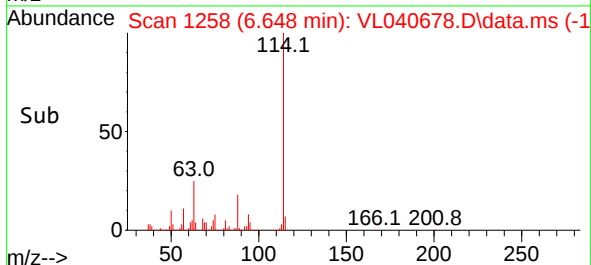
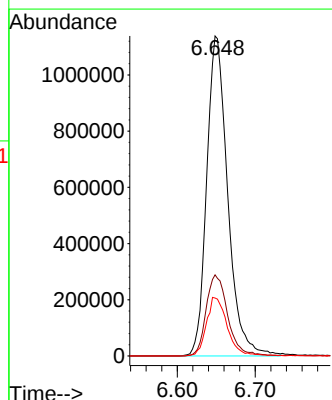
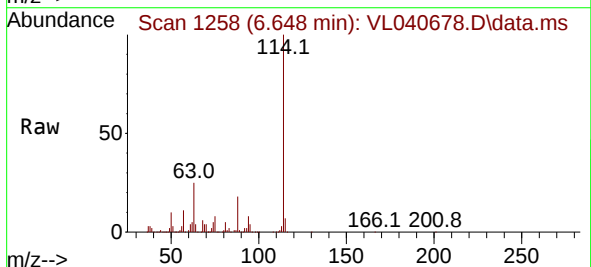
Instrument :
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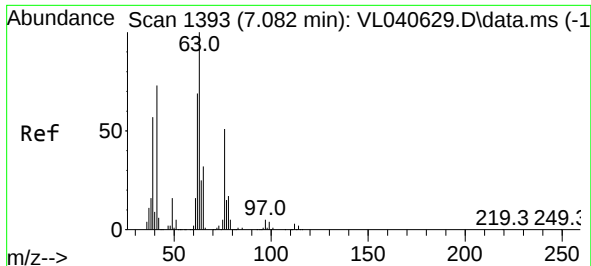
Tgt Ion: 84 Resp: 4947
Ion Ratio Lower Upper
84 100
56 0.0 105.4 158.2#
41 11.7 64.2 96.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VL040678.D
Acq: 7 Sep 2023 21:34

Tgt Ion: 114 Resp: 2135731
Ion Ratio Lower Upper
114 100
63 26.3 20.2 30.2
88 18.3 14.1 21.1





#39

1,2-Dichloropropane

Concen: 8.420 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.434 min

Lab File: VL040678.D

Acq: 7 Sep 2023 21:34

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

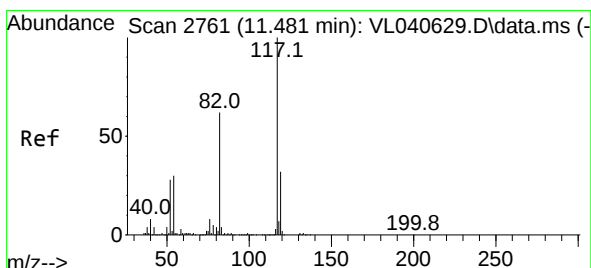
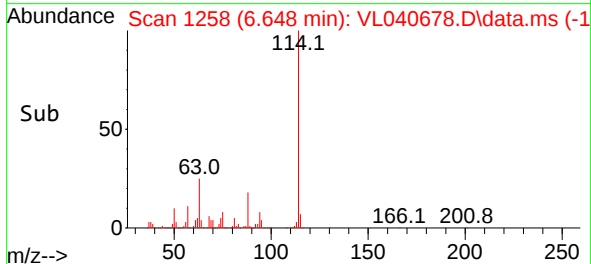
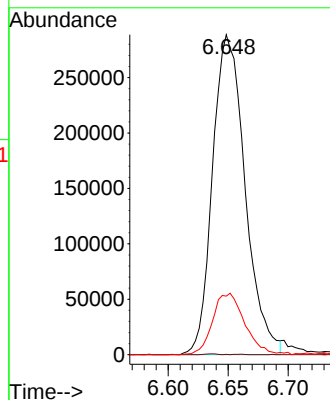
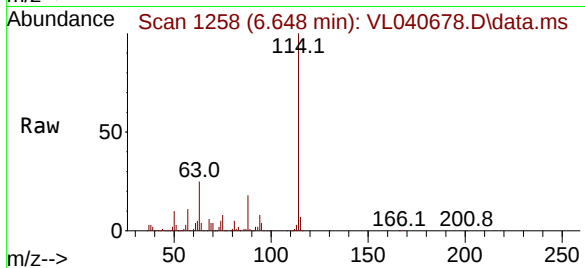
Tgt Ion: 63 Resp: 544256

Ion Ratio Lower Upper

63 100

41 0.1 58.2 87.2#

62 18.3 55.0 82.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.010 min

Lab File: VL040678.D

Acq: 7 Sep 2023 21:34

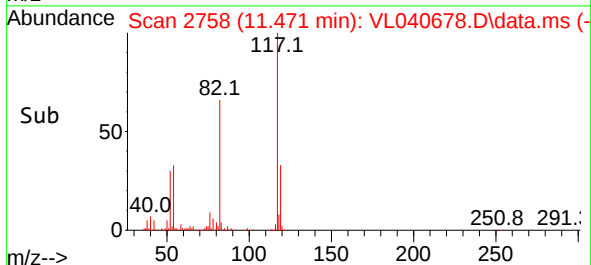
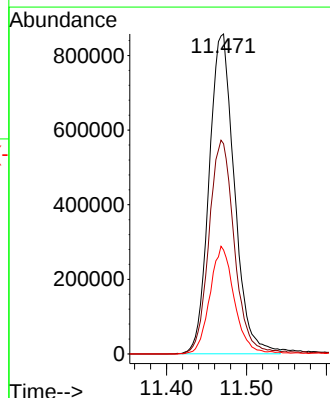
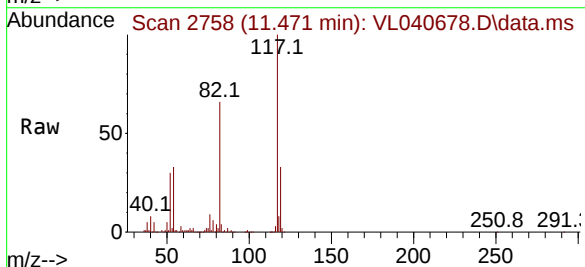
Tgt Ion: 117 Resp: 1883225

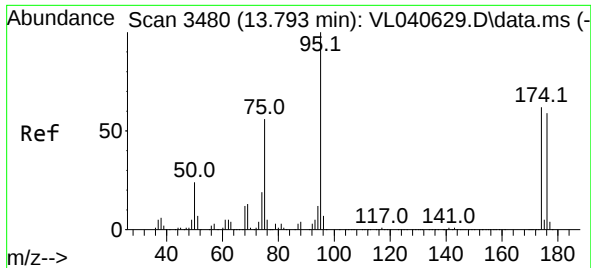
Ion Ratio Lower Upper

117 100

82 67.8 49.5 74.3

119 32.9 24.5 36.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.979 ppbv
 RT: 13.780 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL040678.D
 Acq: 7 Sep 2023 21:34

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 MSVOA_L
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Tgt Ion: 95 Resp: 1494605

Ion	Ratio	Lower	Upper
95	100		
174	62.2	49.1	73.7
175	4.6	3.7	5.5

