

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051223\
 Data File : VL040427.D
 Acq On : 12 May 2023 21:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 15 00:49:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

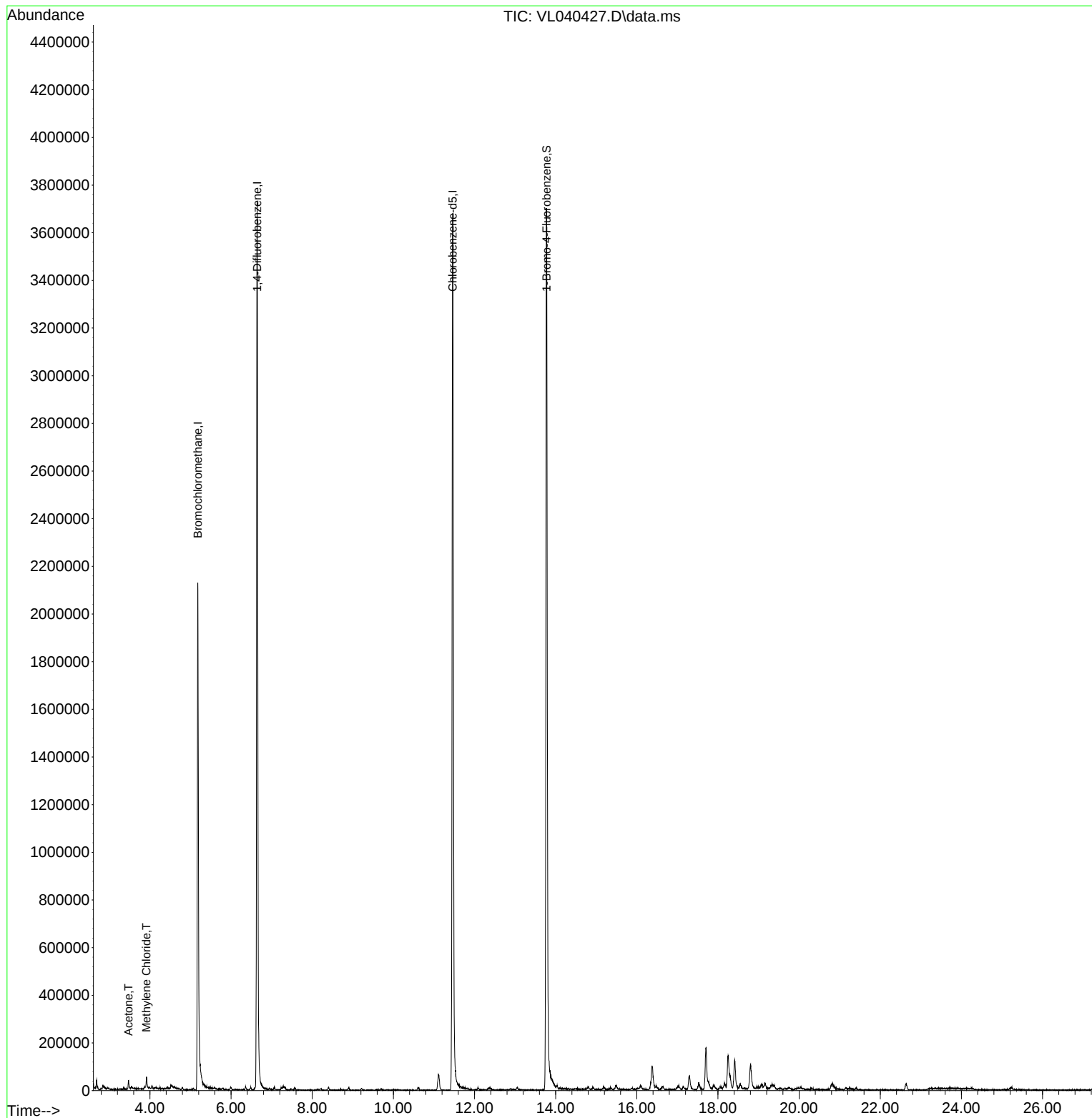
Internal Standards						
1) Bromochloromethane	5.179	49	1028509	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2870845	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.461	117	2461740	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1906289	9.364	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
					Qvalue	
15) Acetone	3.471	43	33953	0.233	ppbv #	78
20) Methylene Chloride	3.915	84	13079	0.225	ppbv #	88

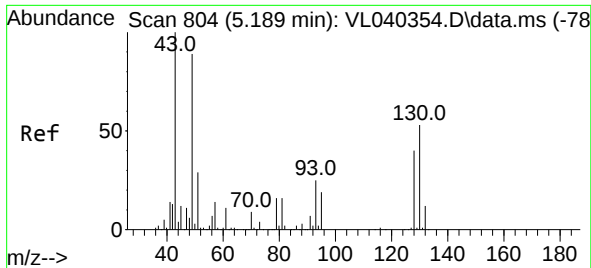
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Apr 13 14:37:02 2023
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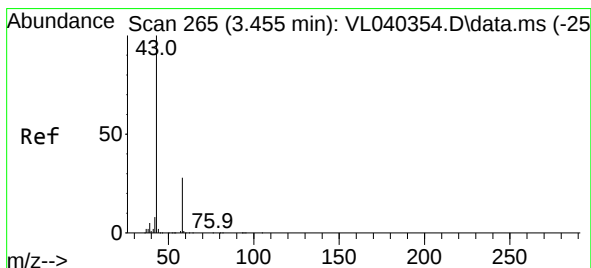
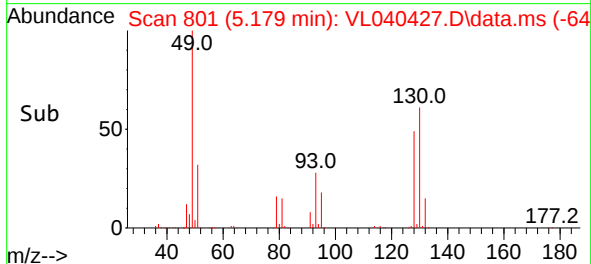
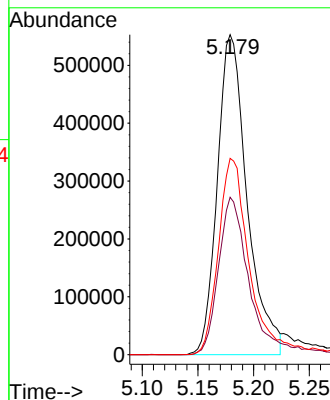
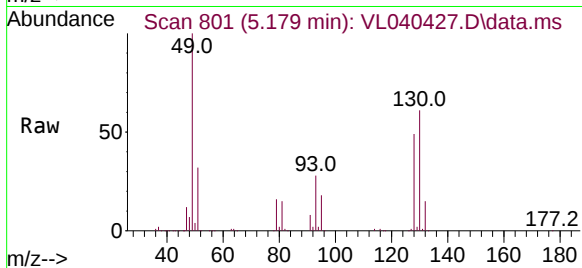




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

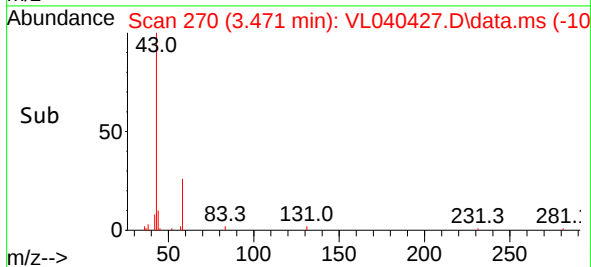
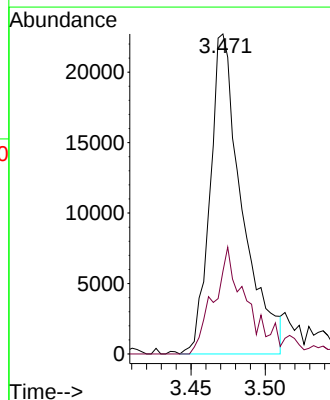
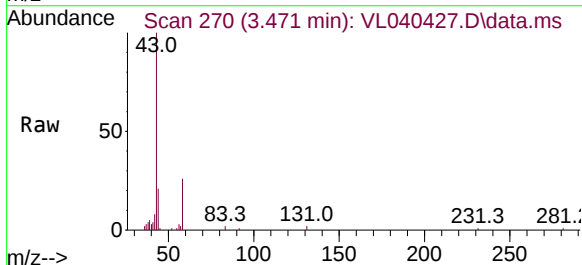
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

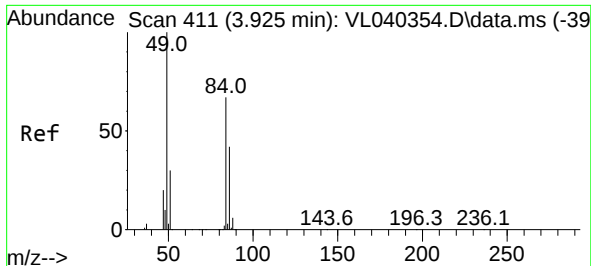
Tgt Ion: 49 Resp: 1028509
Ion Ratio Lower Upper
49 100
128 53.2 23.7 71.1
130 65.9 29.9 89.8



#15
Acetone
Concen: 0.233 ppbv
RT: 3.471 min Scan# 270
Delta R.T. 0.016 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

Tgt Ion: 43 Resp: 33953
Ion Ratio Lower Upper
43 100
58 39.3 22.2 33.2#

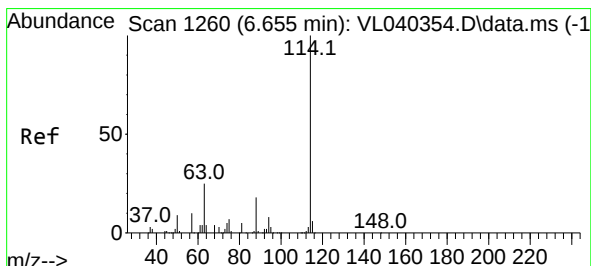
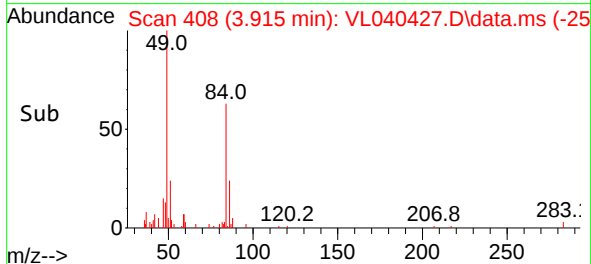
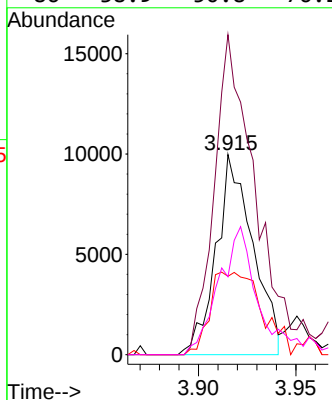
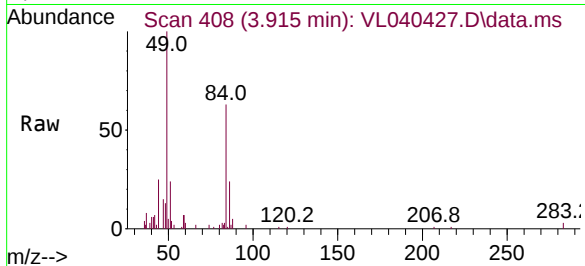




#20
Methylene Chloride
Concen: 0.225 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.010 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

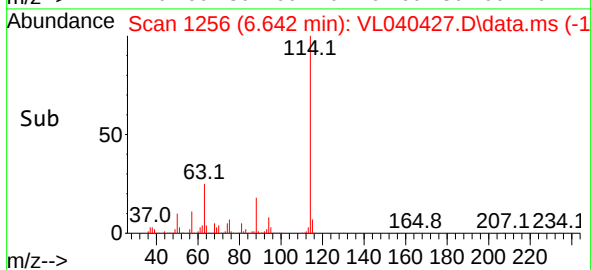
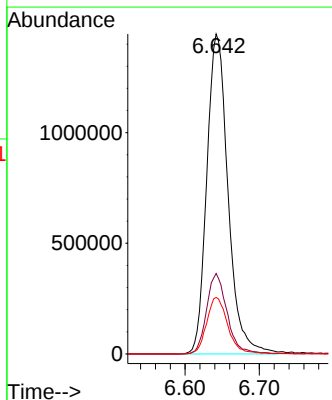
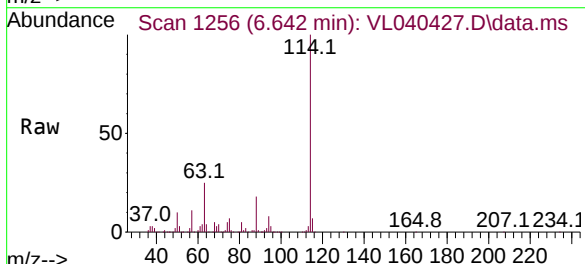
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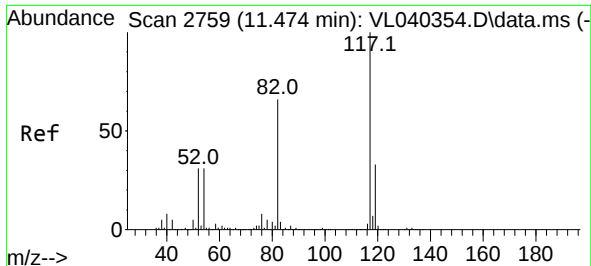
Tgt Ion: 84 Resp: 13079
Ion Ratio Lower Upper
84 100
49 159.9 120.1 180.1
51 45.5 36.3 54.5
86 38.9 50.8 76.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

Tgt Ion: 114 Resp: 2870845
Ion Ratio Lower Upper
114 100
63 24.5 21.4 32.0
88 17.7 14.6 22.0

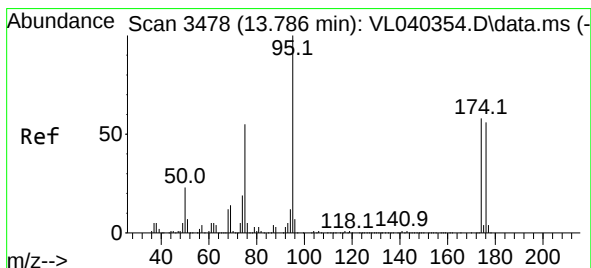
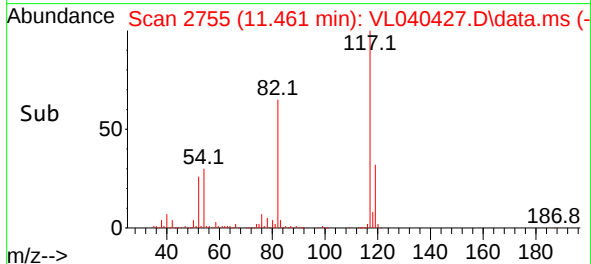
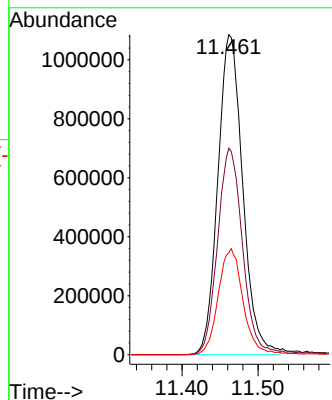
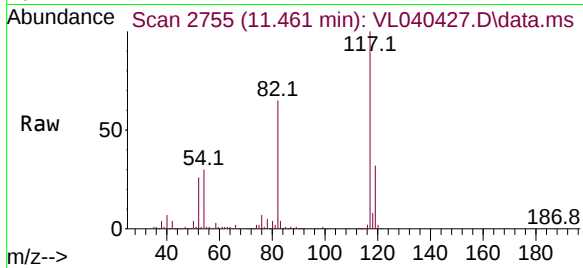




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.461 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2461740
Ion Ratio Lower Upper
117 100
82 65.8 52.5 78.7
119 33.3 24.3 36.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.364 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.009 min
Lab File: VL040427.D
Acq: 12 May 2023 21:35

Tgt Ion: 95 Resp: 1906289
Ion Ratio Lower Upper
95 100
174 62.4 47.2 70.8
175 4.4 3.5 5.3

