

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040566.D
 Acq On : 27 Jul 2023 8:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 27 10:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

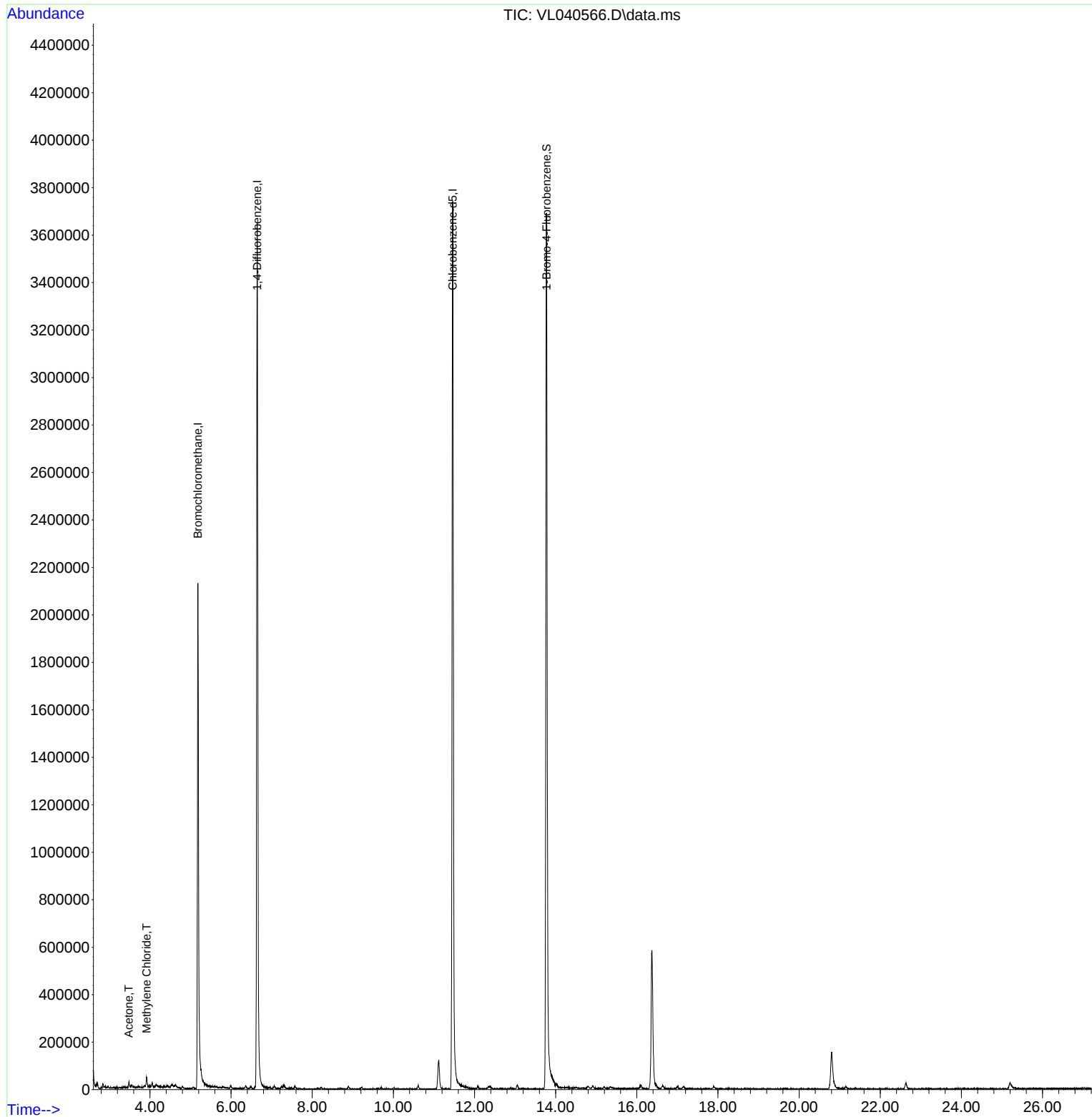
Internal Standards						
1) Bromochloromethane	5.182	49	1122647	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2900158	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2538624	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1905498	9.484	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.800%
Target Compounds						
					Qvalue	
15) Acetone	3.478	43	23875	0.185	ppbv #	81
20) Methylene Chloride	3.922	84	12465	0.227	ppbv #	83

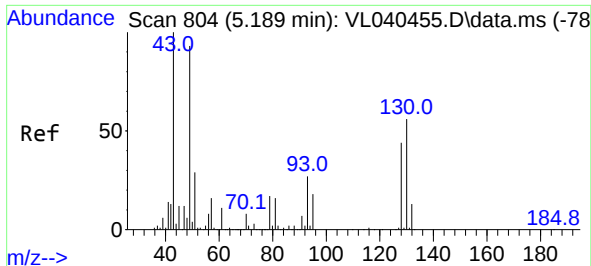
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

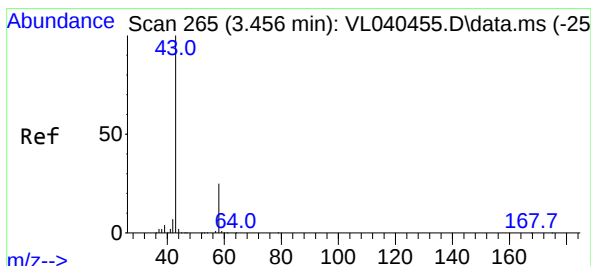
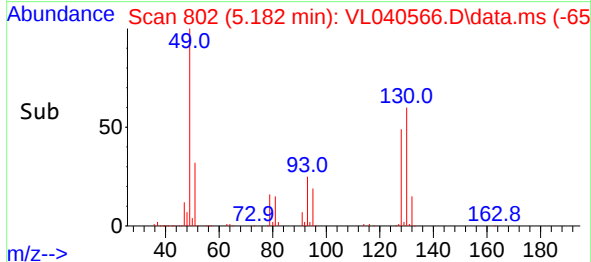
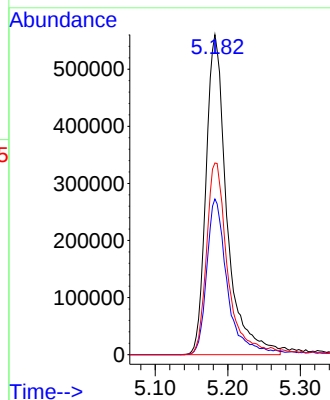
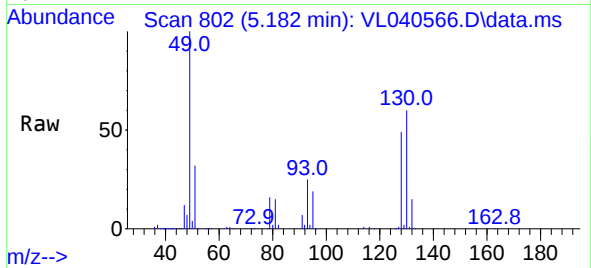




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

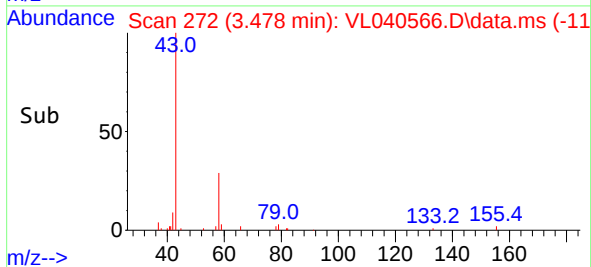
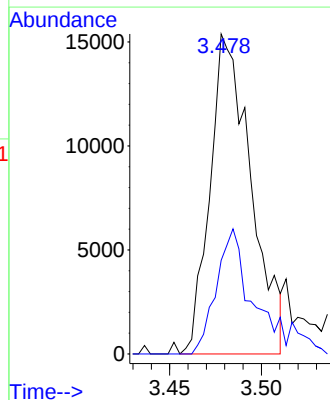
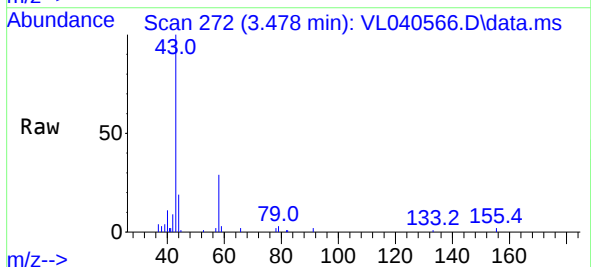
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

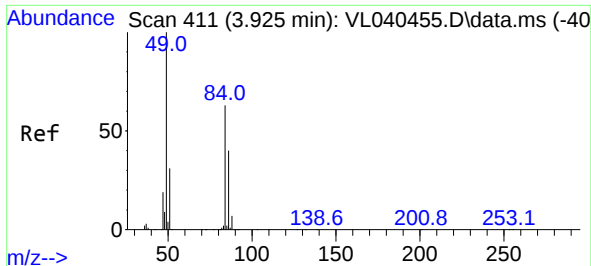
Tgt Ion: 49 Resp: 1122647
Ion Ratio Lower Upper
49 100
128 50.2 25.1 75.4
130 63.1 31.6 94.7



#15
Acetone
Concen: 0.185 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.003 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

Tgt Ion: 43 Resp: 23875
Ion Ratio Lower Upper
43 100
58 38.7 22.9 34.3#



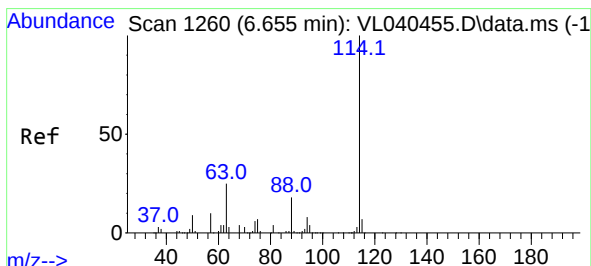
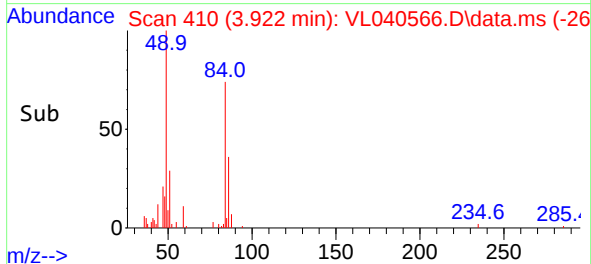
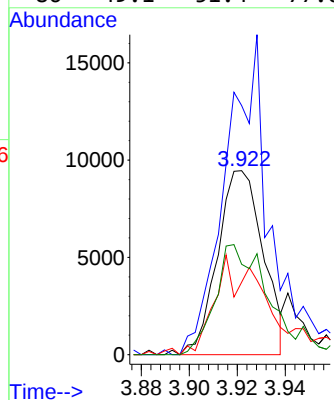
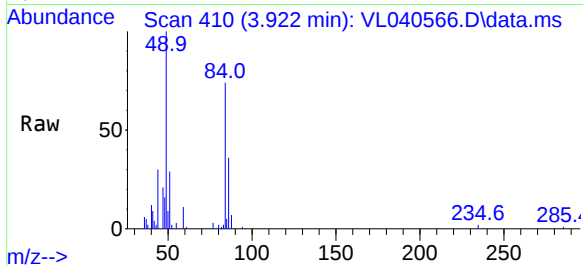


#20
Methylene Chloride
Concen: 0.227 ppbv
RT: 3.922 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 12465

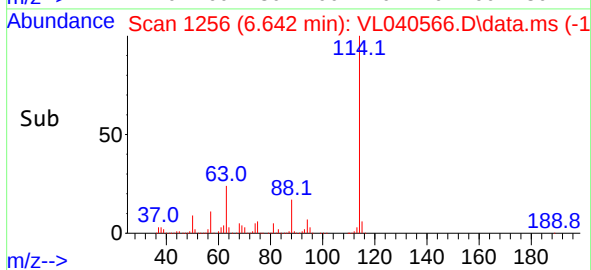
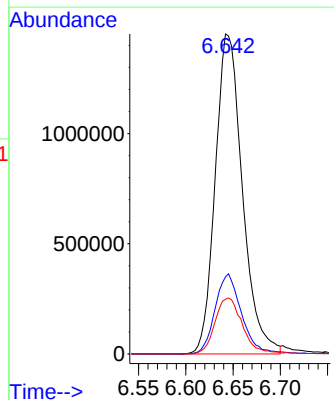
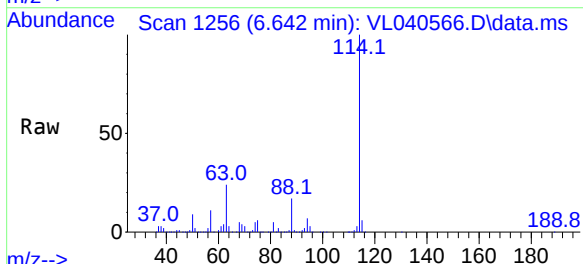
Ion	Ratio	Lower	Upper
84	100		
49	132.5	123.4	185.2
51	39.4	38.3	57.5
86	49.1	51.4	77.0

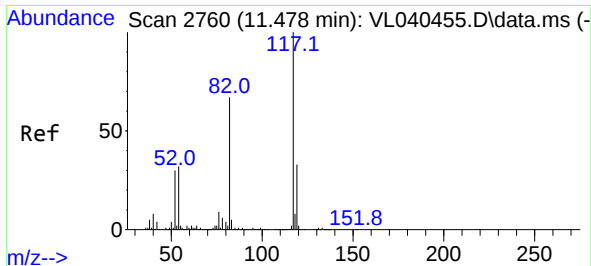


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.023 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

Tgt Ion: 114 Resp: 2900158

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.6	29.4
88	17.9	14.2	21.2

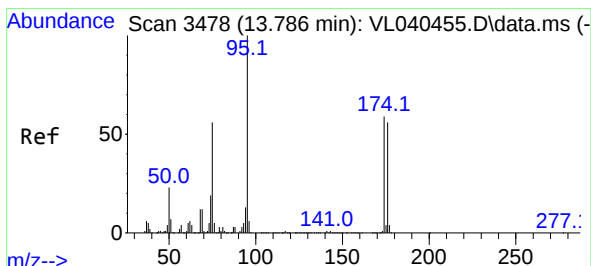
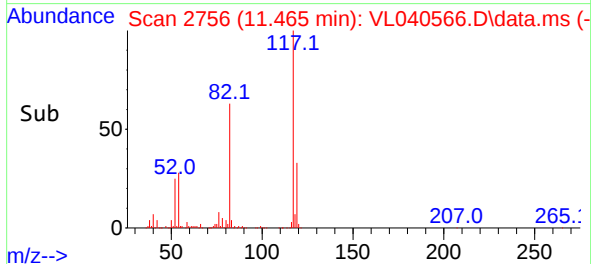
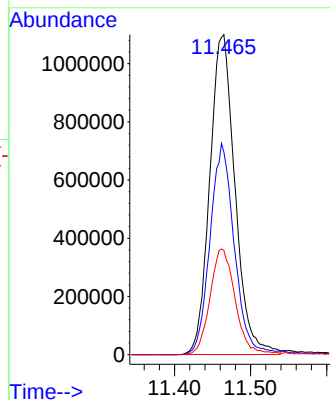
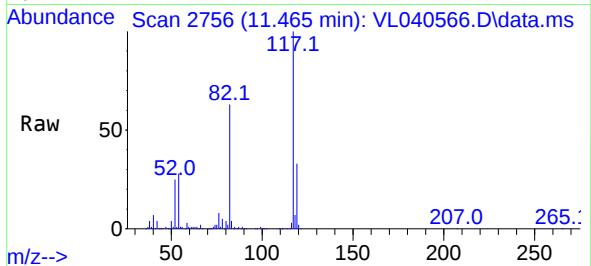




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2538624
Ion Ratio Lower Upper
117 100
82 64.6 50.2 75.4
119 33.6 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.484 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.010 min
Lab File: VL040566.D
Acq: 27 Jul 2023 8:10

Tgt Ion: 95 Resp: 1905498
Ion Ratio Lower Upper
95 100
174 65.3 50.6 75.8
175 4.6 3.7 5.5

