

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040556.D
 Acq On : 27 Jul 2023 1:25
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 27 04:46:04 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 : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

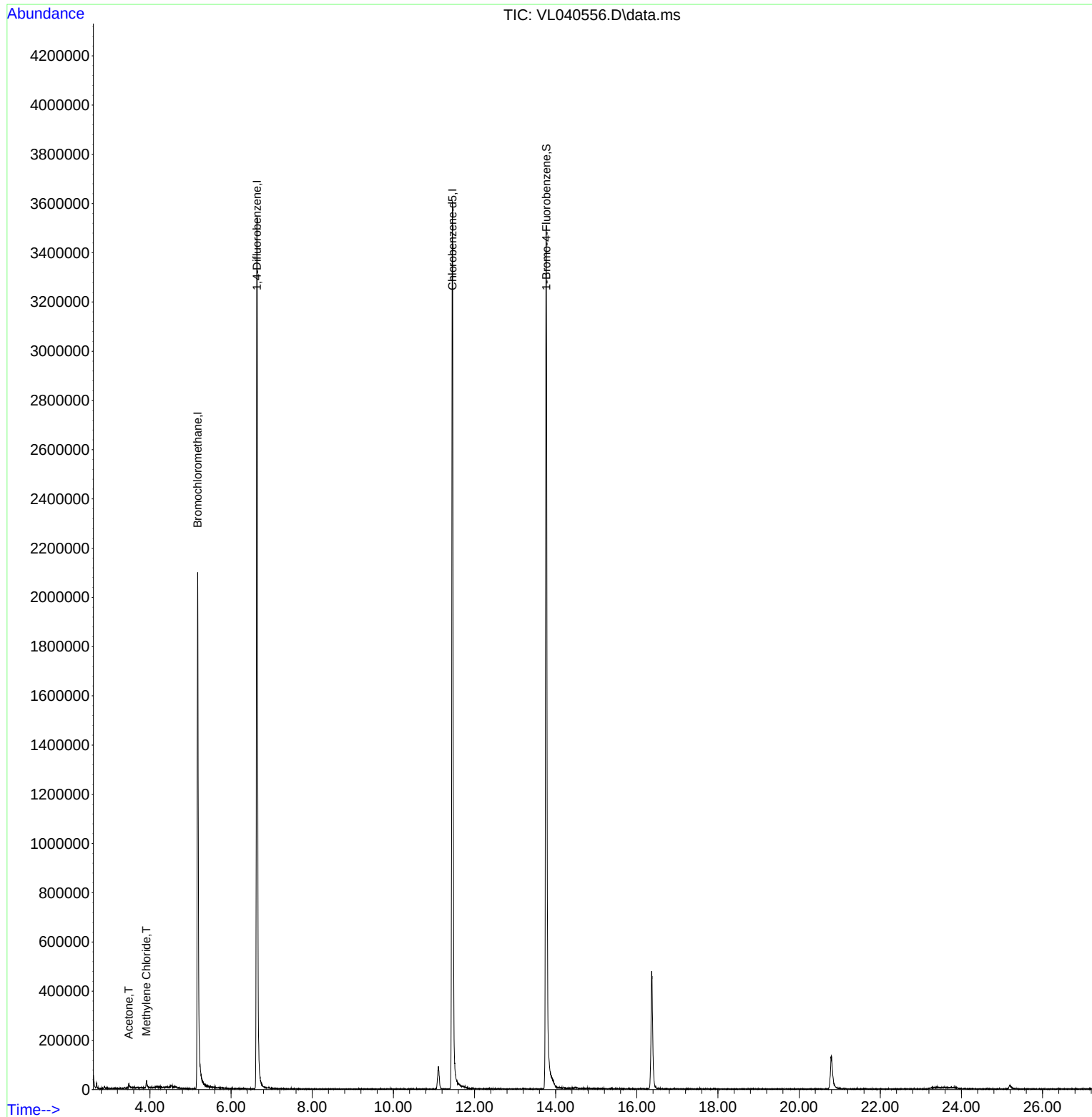
Internal Standards						
1) Bromochloromethane	5.176	49	1024372	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2713903	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	2314504	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1823986	9.957	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
15) Acetone	3.478	43	15652	0.133	ppbv #	58
20) Methylene Chloride	3.915	84	8248	0.164	ppbv #	72

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

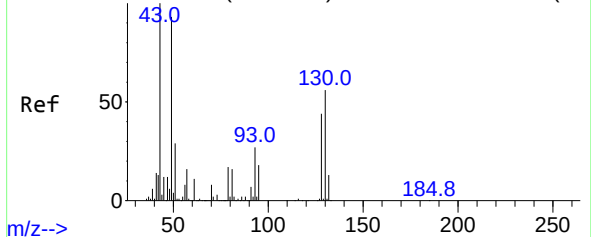
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration

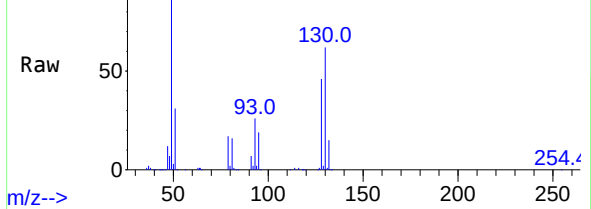


Abundance Scan 804 (5.189 min): VL040455.D\data.ms (-78



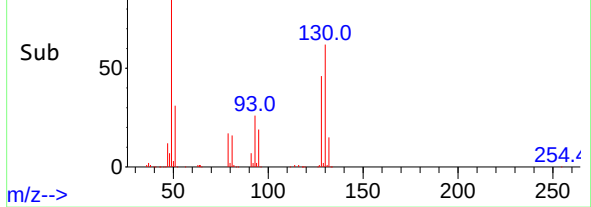
m/z-->

Abundance Scan 800 (5.176 min): VL040556.D\data.ms



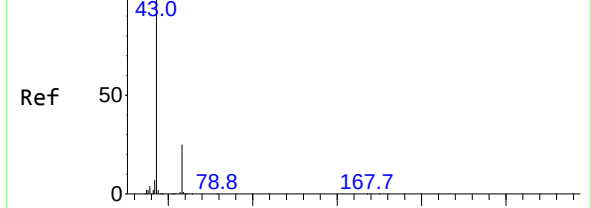
m/z-->

Abundance Scan 800 (5.176 min): VL040556.D\data.ms (-65



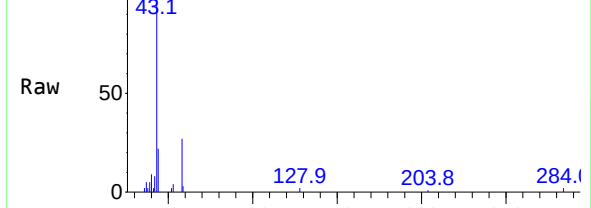
m/z-->

Abundance Scan 265 (3.456 min): VL040455.D\data.ms (-25



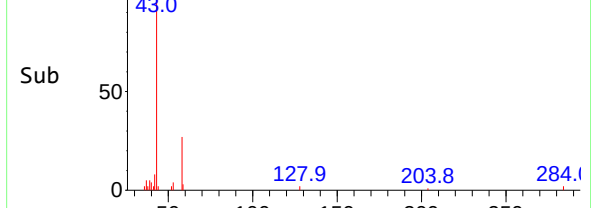
m/z-->

Abundance Scan 272 (3.478 min): VL040556.D\data.ms



m/z-->

Abundance Scan 272 (3.478 min): VL040556.D\data.ms (-11



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.176 min Scan# 800

Delta R.T. -0.026 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 49 Resp: 1024372

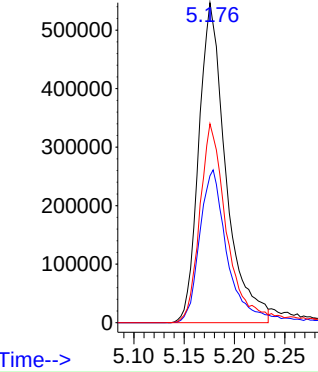
Ion Ratio Lower Upper

49 100

128 50.6 25.1 75.4

130 66.1 31.6 94.7

Abundance



Time-->

#15

Acetone

Concen: 0.133 ppbv

RT: 3.478 min Scan# 272

Delta R.T. 0.003 min

Lab File: VL040556.D

Acq: 27 Jul 2023 1:25

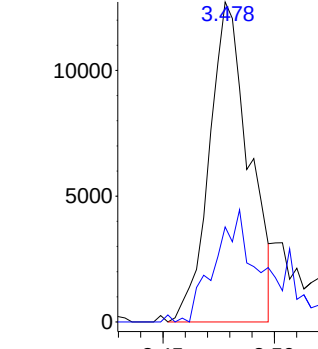
Tgt Ion: 43 Resp: 15652

Ion Ratio Lower Upper

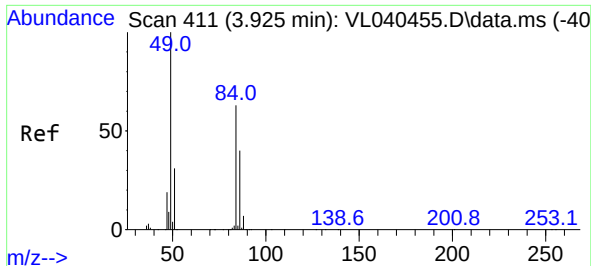
43 100

58 51.2 22.9 34.3#

Abundance

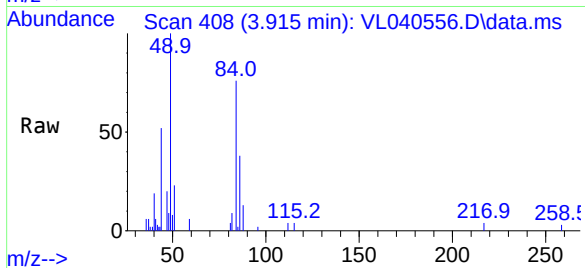


Time-->



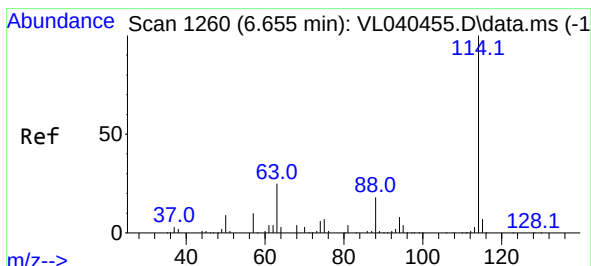
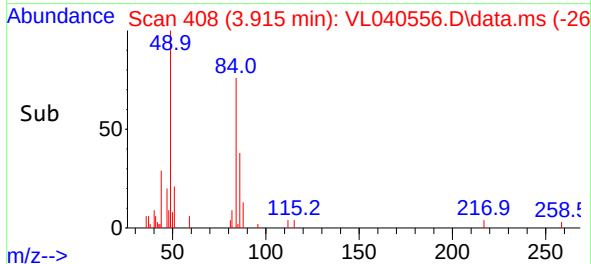
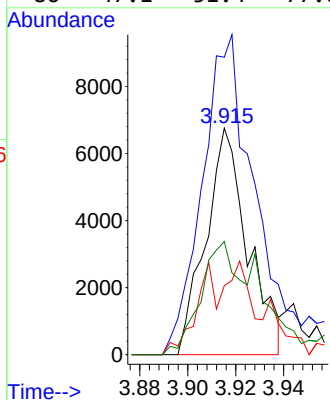
#20
Methylene Chloride
Concen: 0.164 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.026 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 84 Resp: 8248

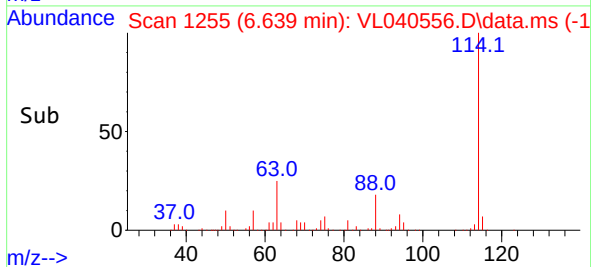
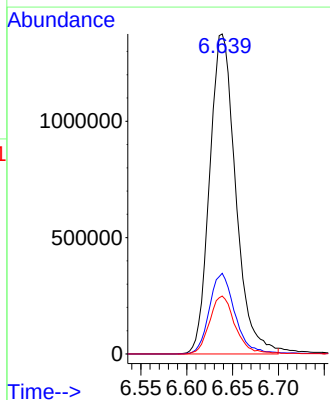
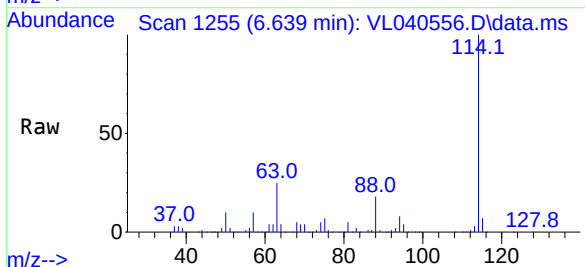
Ion	Ratio	Lower	Upper
84	100		
49	115.3	123.4	185.2#
51	26.6	38.3	57.5#
86	47.1	51.4	77.0#

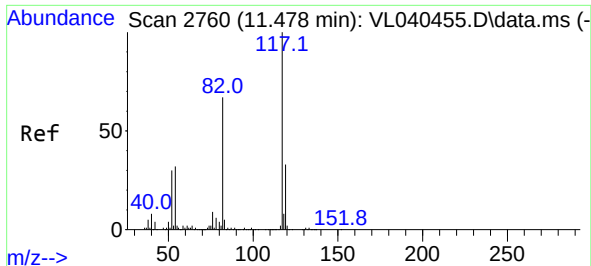


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Tgt Ion: 114 Resp: 2713903

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.6	29.4
88	18.1	14.2	21.2

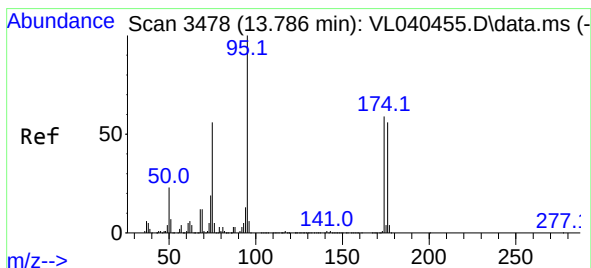
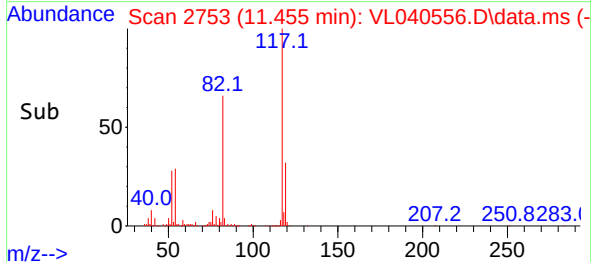
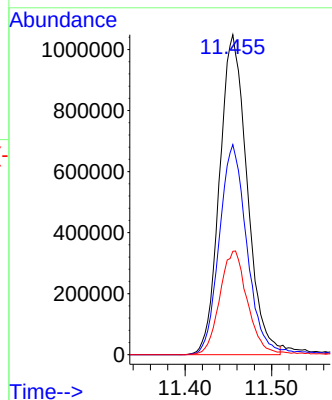
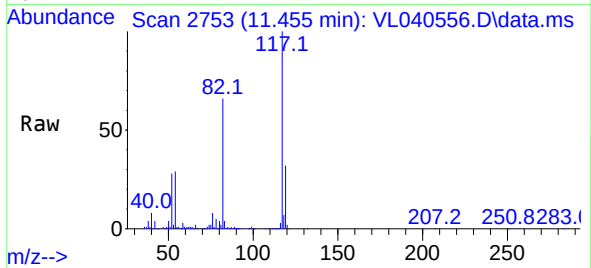




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2314504
Ion Ratio Lower Upper
117 100
82 67.6 50.2 75.4
119 33.2 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.957 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.016 min
Lab File: VL040556.D
Acq: 27 Jul 2023 1:25

Tgt Ion: 95 Resp: 1823986
Ion Ratio Lower Upper
95 100
174 62.1 50.6 75.8
175 4.5 3.7 5.5

