

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040955.D
 Acq On : 22 Dec 2023 11:24
 Operator : SY/MD
 Sample : 05848-01DL2 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL2

Quant Time: Dec 23 01:20:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

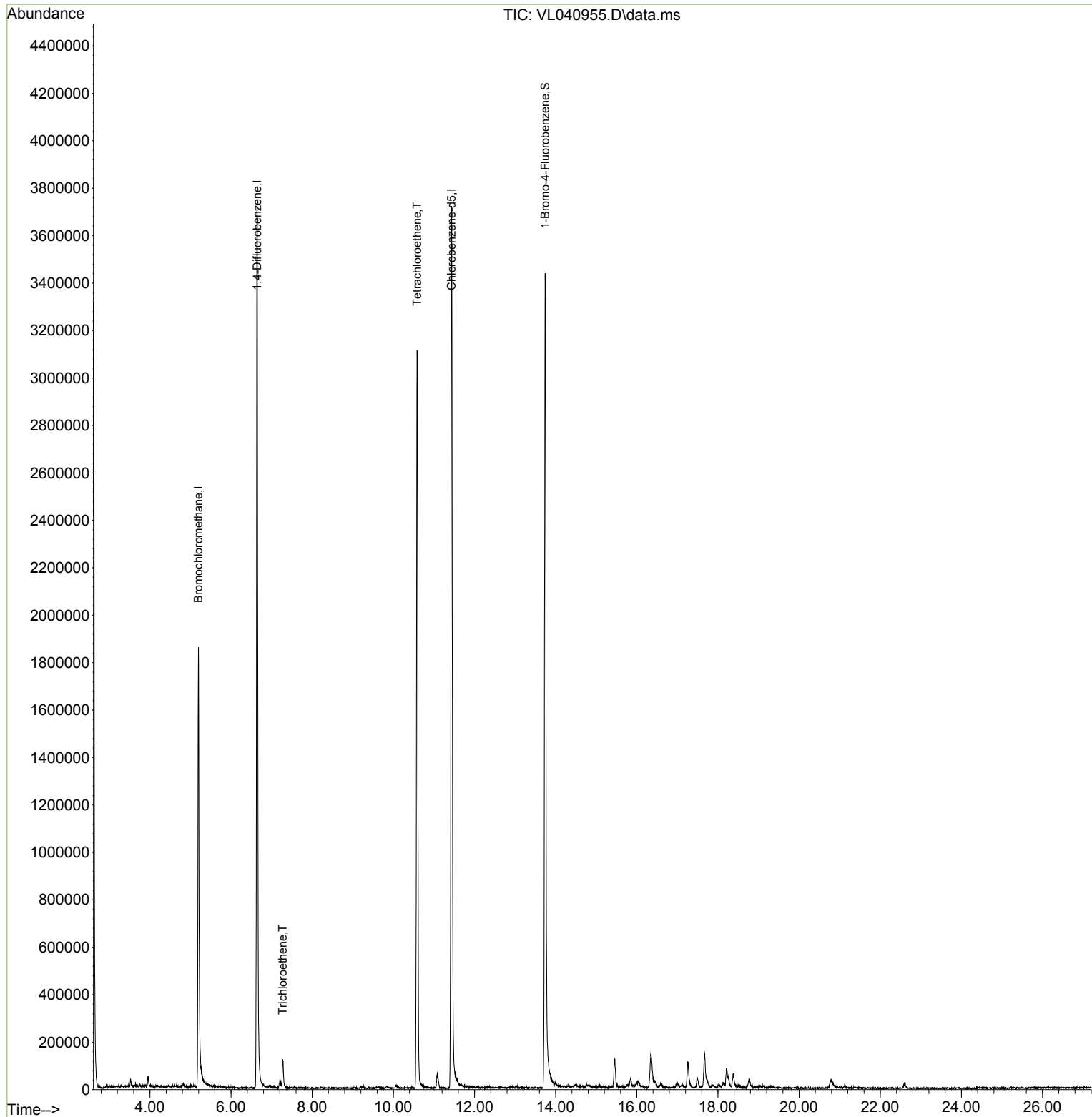
Internal Standards						
1) Bromochloromethane	5.195	49	964731	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2990576	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2571263	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1838460	9.707	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
38) Trichloroethene	7.272	130	34237	0.390	ppbv	93
52) Tetrachloroethene	10.584	164	766601	9.734	ppbv	99

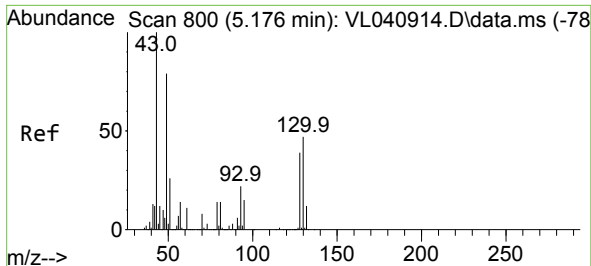
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
Data File : VL040955.D
Acq On : 22 Dec 2023 11:24
Operator : SY/MD
Sample : 05848-01DL2 200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Quant Time: Dec 23 01:20:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Dec 22 23:57:16 2023
Response via : Initial Calibration

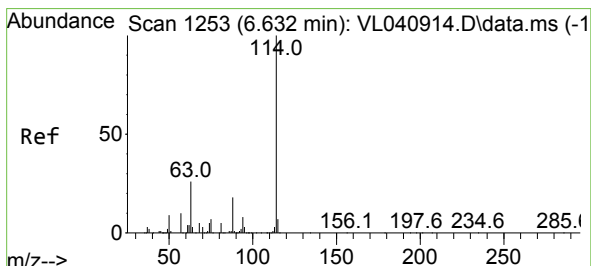
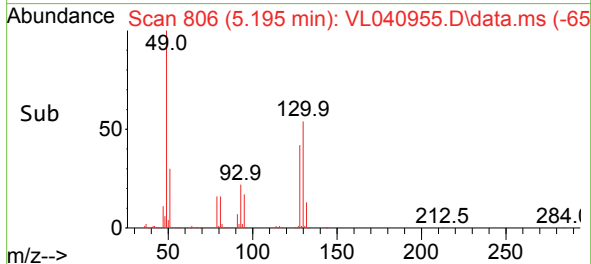
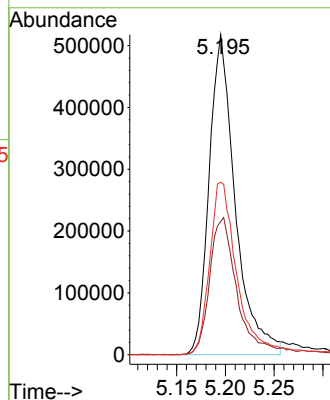
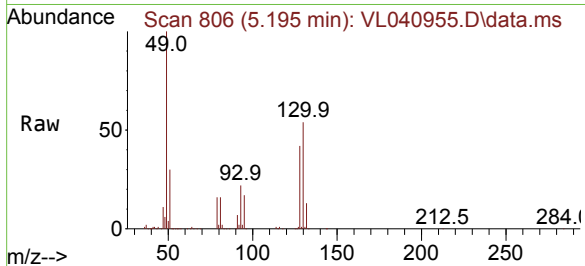




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040955.D
Acq: 22 Dec 2023 11:24

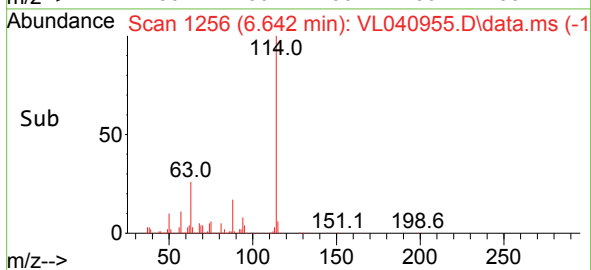
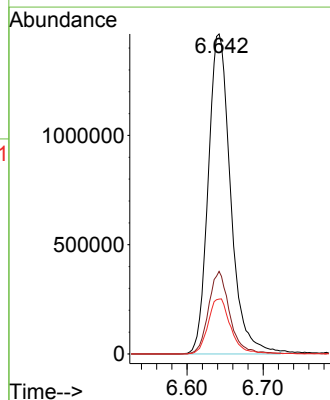
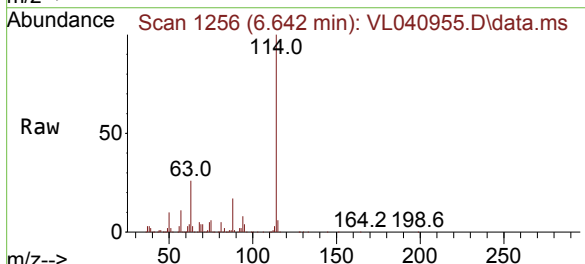
Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

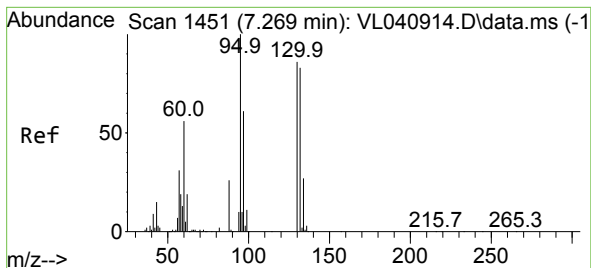
Tgt Ion: 49 Resp: 964731
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.2
130 58.6 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.000 min
Lab File: VL040955.D
Acq: 22 Dec 2023 11:24

Tgt Ion:114 Resp: 2990576
Ion Ratio Lower Upper
114 100
63 24.8 21.0 31.6
88 17.6 14.3 21.5





#38

Trichloroethene

Concen: 0.390 ppbv

RT: 7.272 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VL040955.D

Acq: 22 Dec 2023 11:24

Instrument :

MSVOA_L

ClientSampleId :

SV2DL2

Tgt Ion:130 Resp: 34237

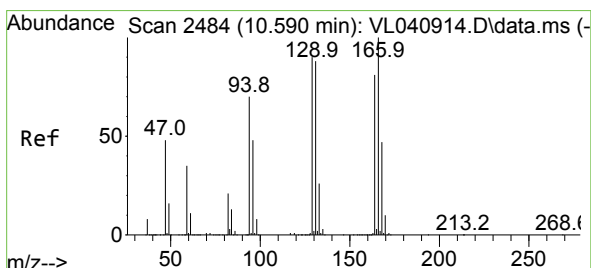
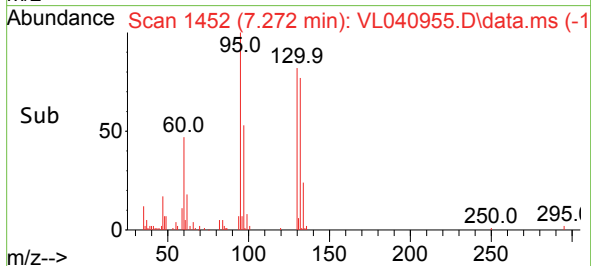
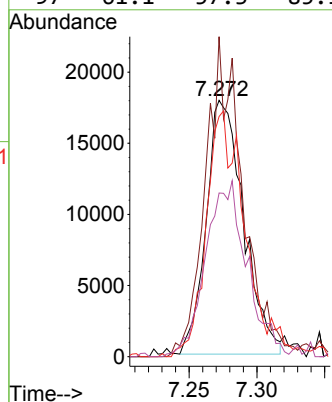
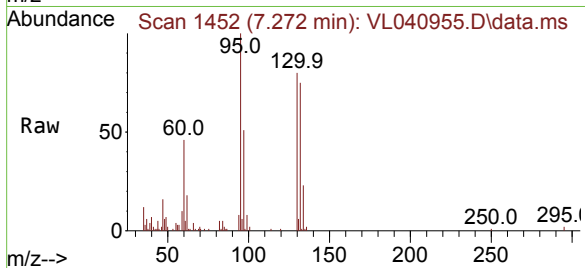
Ion Ratio Lower Upper

130 100

95 121.9 93.5 140.3

132 91.1 77.4 116.2

97 61.1 57.3 85.9



#52

Tetrachloroethene

Concen: 9.734 ppbv

RT: 10.584 min Scan# 2482

Delta R.T. -0.003 min

Lab File: VL040955.D

Acq: 22 Dec 2023 11:24

Tgt Ion:164 Resp: 766601

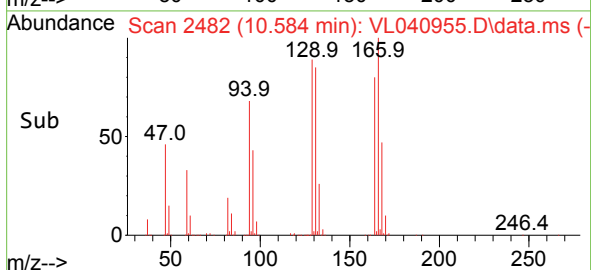
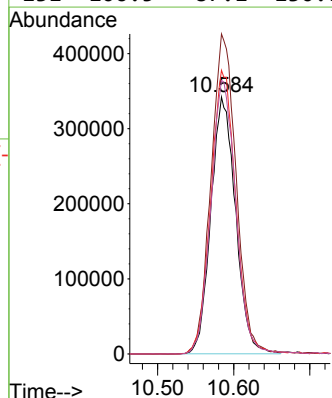
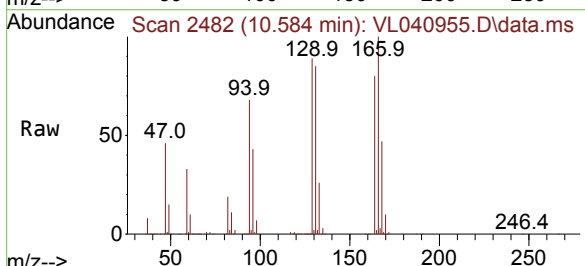
Ion Ratio Lower Upper

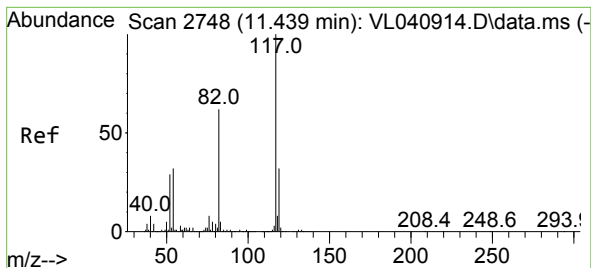
164 100

166 124.6 98.9 148.3

129 110.5 88.7 133.1

131 106.5 87.1 130.7

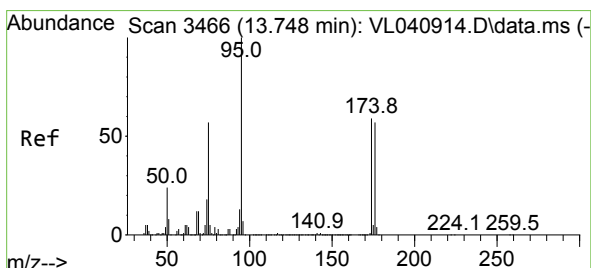
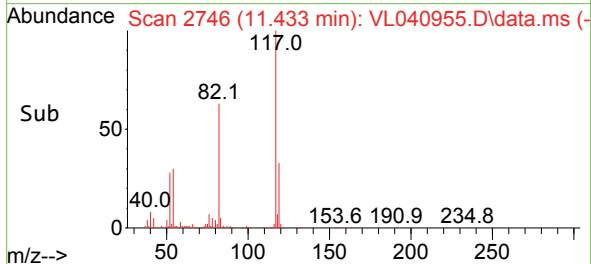
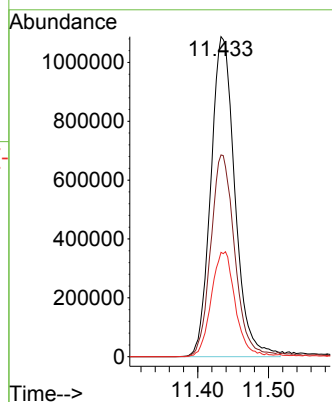
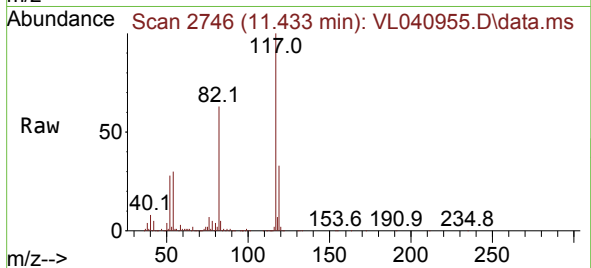




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040955.D
Acq: 22 Dec 2023 11:24

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tgt Ion:117 Resp: 2571263
Ion Ratio Lower Upper
117 100
82 64.2 49.6 74.4
119 33.0 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.707 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VL040955.D
Acq: 22 Dec 2023 11:24

Tgt Ion: 95 Resp: 1838460
Ion Ratio Lower Upper
95 100
174 63.2 48.0 72.0
175 4.5 3.7 5.5

