

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040242.D
 Acq On : 28 Feb 2023 9:47
 Operator : SY/MD
 Sample : VL0228ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABL01

Quant Time: Mar 01 04:23:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	894562	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2447321	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2085146	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.799	95	1626774	9.488	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%

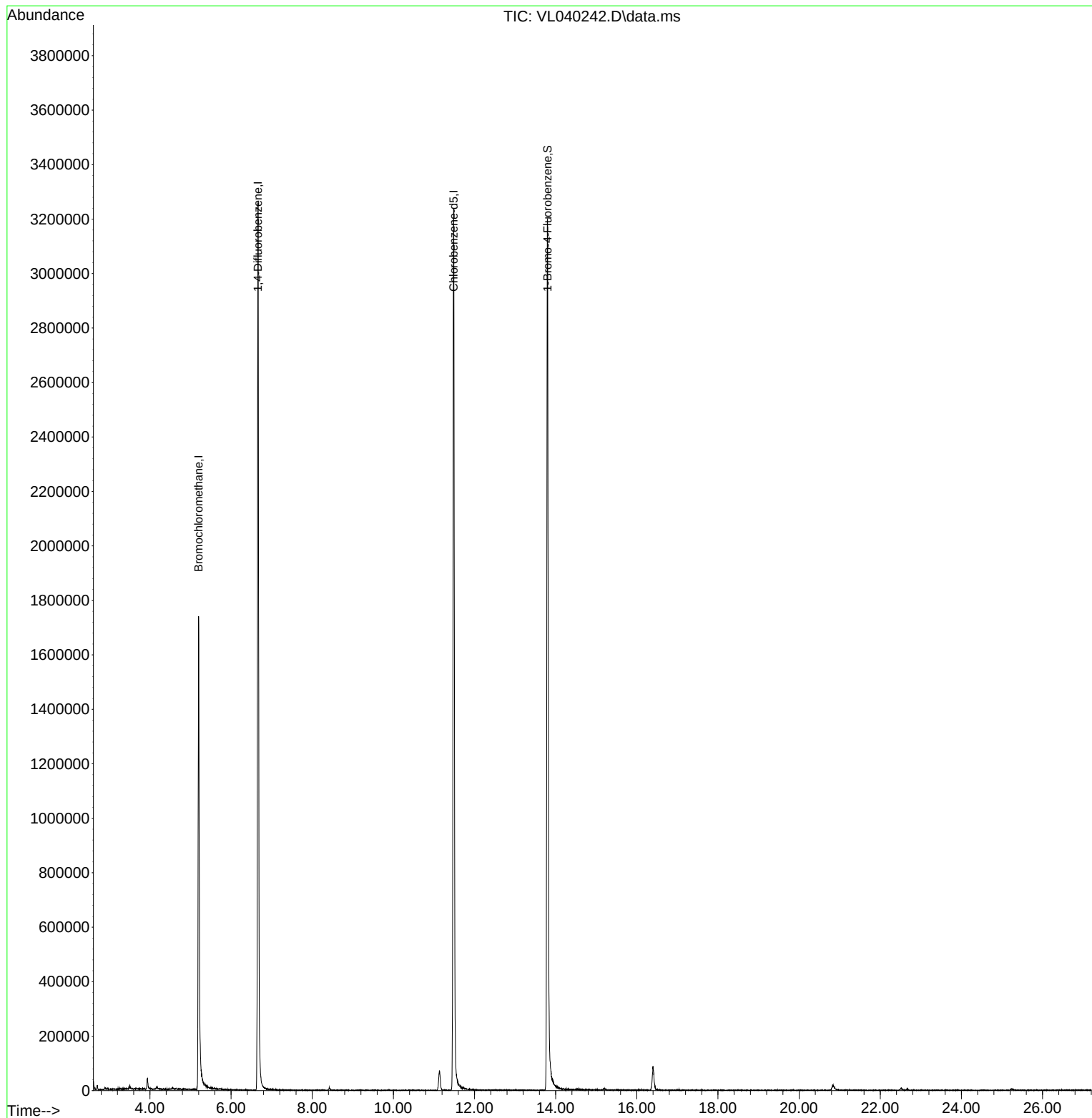
Target Compounds	Qvalue

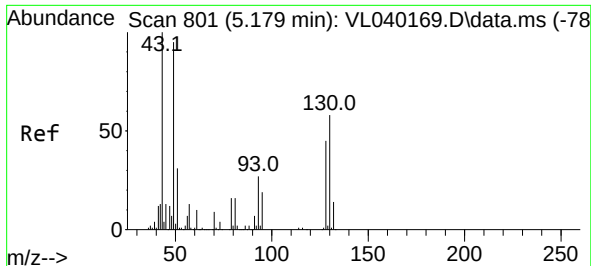
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 04:23:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

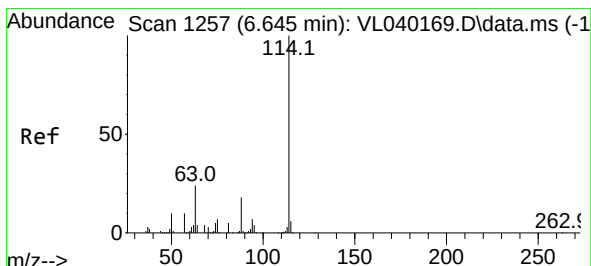
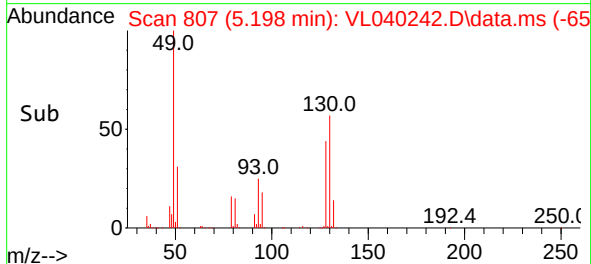
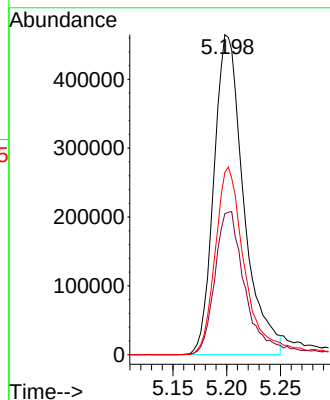
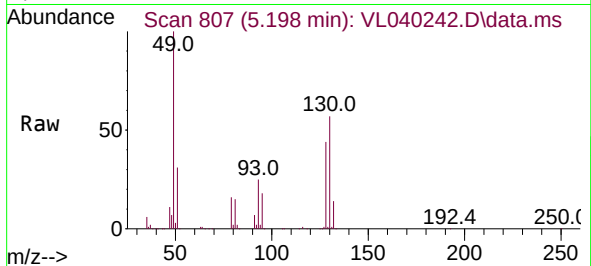




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 801
Delta R.T. -0.003 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

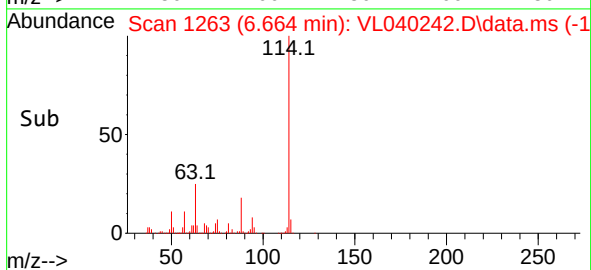
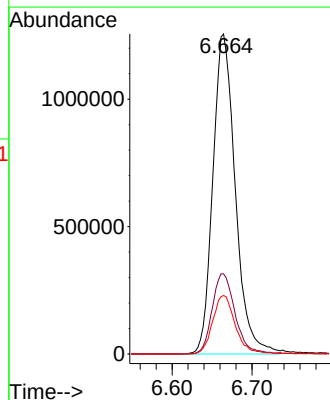
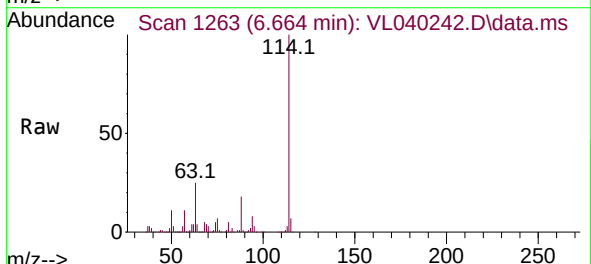
Instrument :
MSVOA_1
ClientSampleId :
VL0228ABL01

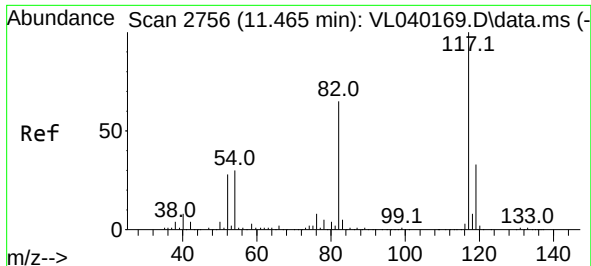
Tgt Ion: 49 Resp: 894562
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.3
130 61.2 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Tgt Ion: 114 Resp: 2447321
Ion Ratio Lower Upper
114 100
63 25.8 20.4 30.6
88 18.6 14.3 21.5

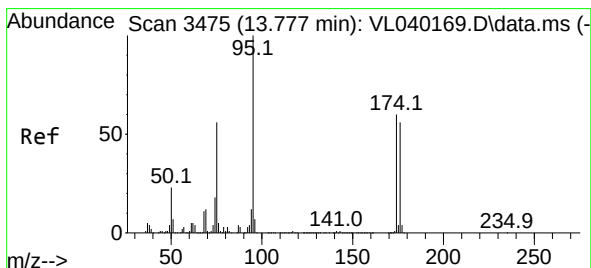
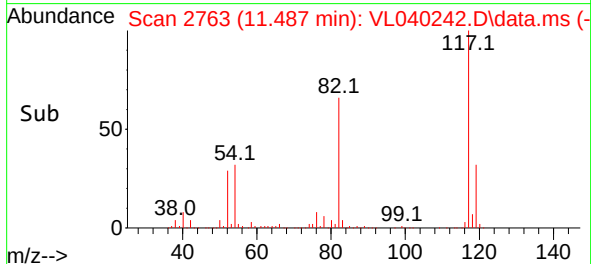
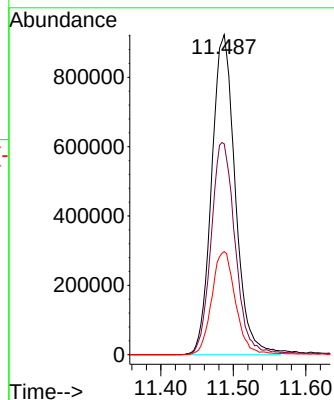
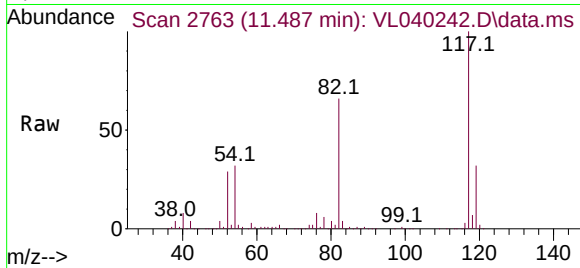




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Instrument :
MSVOA_1
ClientSampleId :
VL0228ABL01

Tgt Ion:117 Resp: 2085146
Ion Ratio Lower Upper
117 100
82 68.7 53.3 79.9
119 32.8 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.488 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.003 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Tgt Ion: 95 Resp: 1626774
Ion Ratio Lower Upper
95 100
174 58.6 48.2 72.2
175 4.2 3.4 5.2

