

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022723\
 Data File : VL040230.D
 Acq On : 27 Feb 2023 11:15
 Operator : SY/MD
 Sample : VL0227ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0227ABL01

Quant Time: Feb 28 00:17:13 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 : Tue Feb 28 00:12:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	936568	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2574354	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2185823	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.777	95	1696302	9.438	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.400%

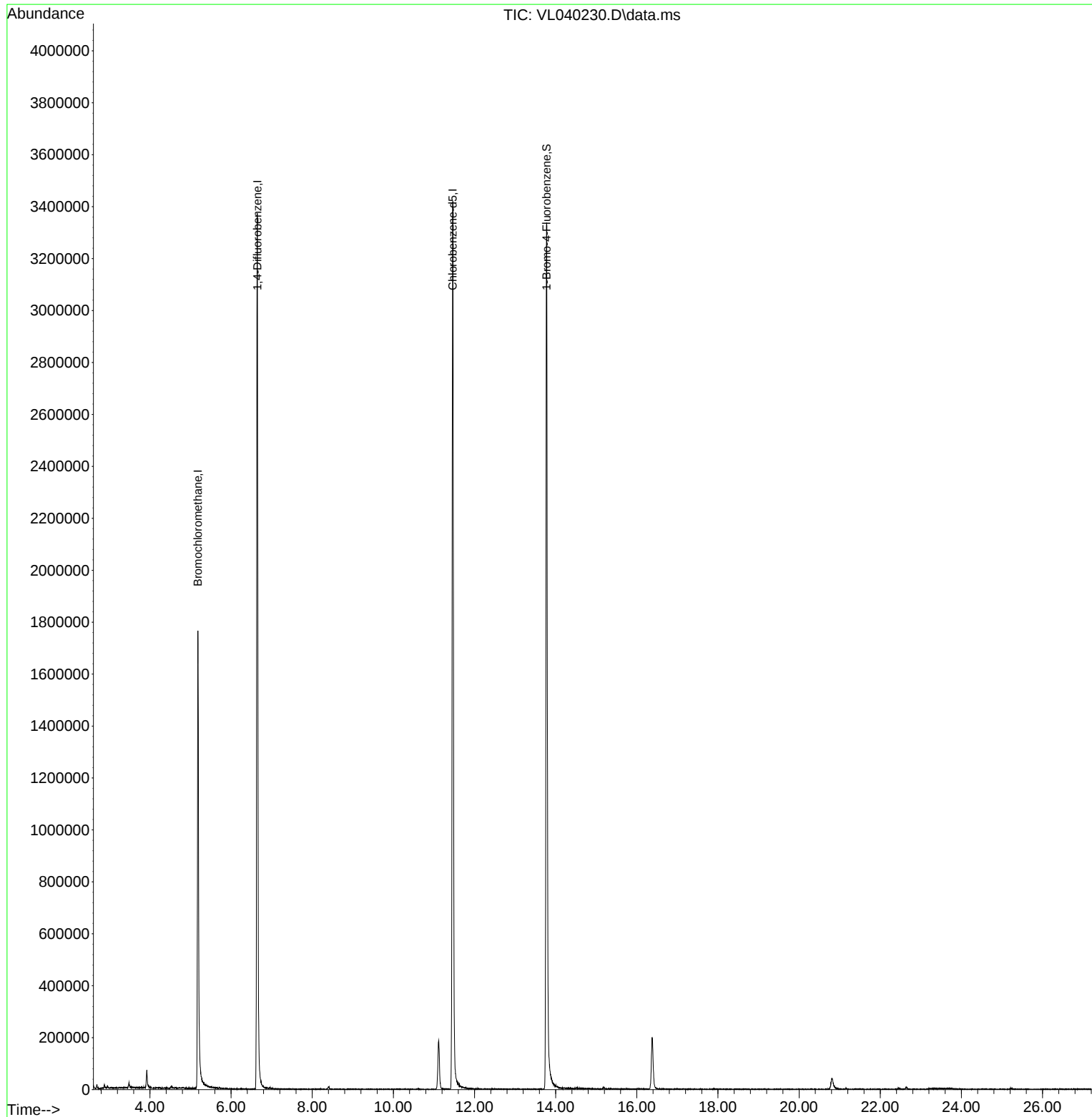
Target Compounds	Qvalue

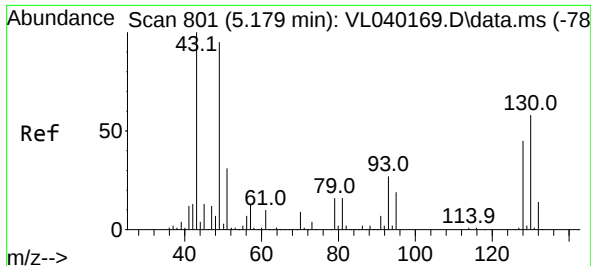
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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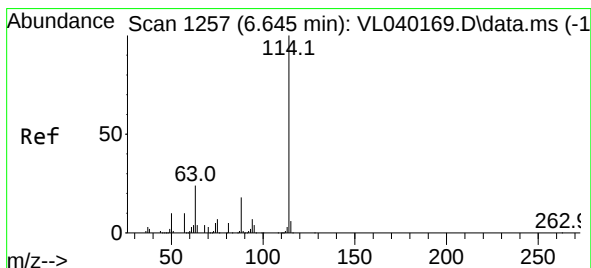
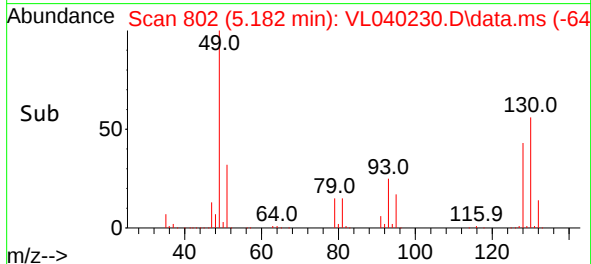
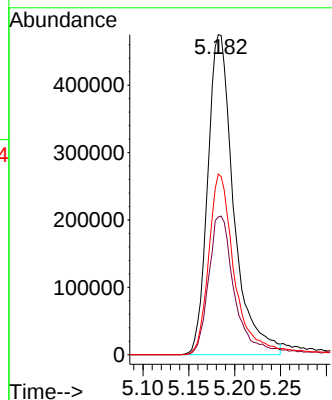
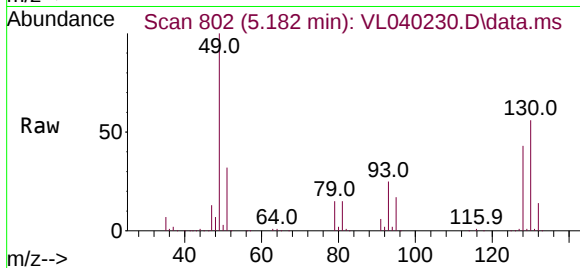




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 801
Delta R.T. 0.000 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

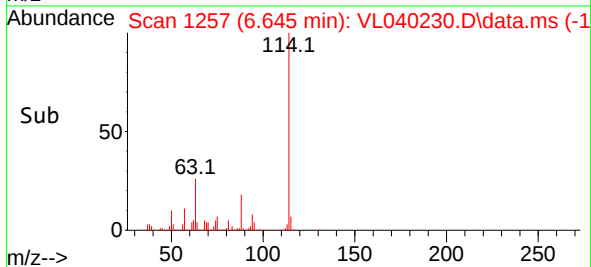
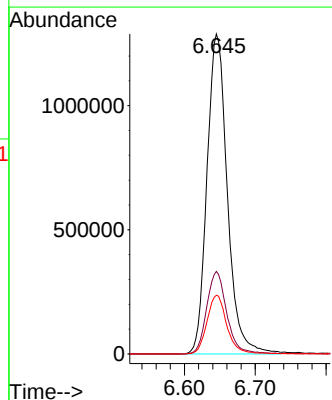
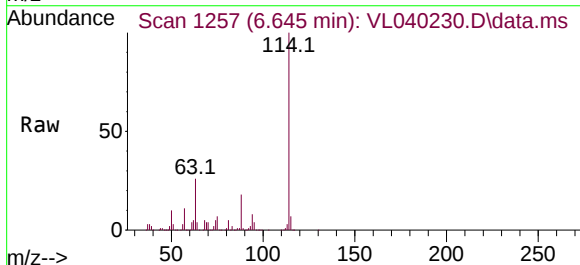
Instrument :
MSVOA_1
ClientSampleId :
VL0227ABL01

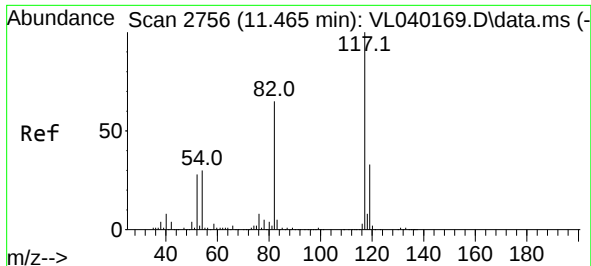
Tgt Ion: 49 Resp: 936568
Ion Ratio Lower Upper
49 100
128 45.0 24.1 72.3
130 58.2 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

Tgt Ion: 114 Resp: 2574354
Ion Ratio Lower Upper
114 100
63 25.6 20.4 30.6
88 18.1 14.3 21.5

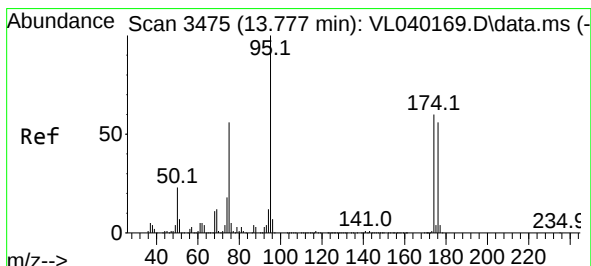
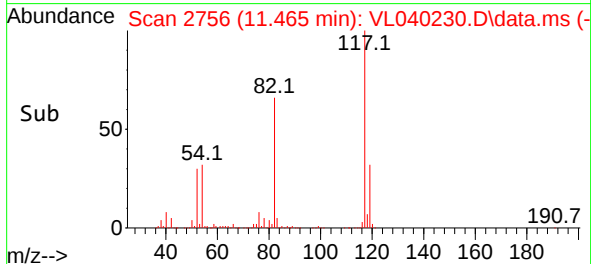
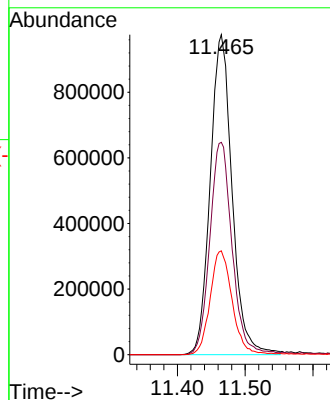
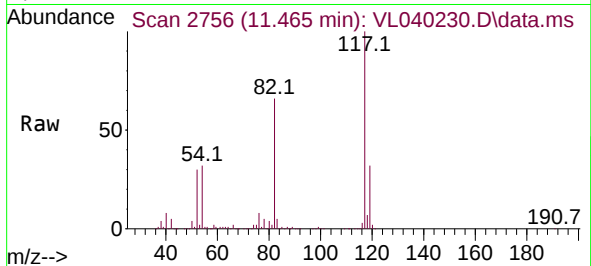




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

Instrument :
MSVOA_1
ClientSampleId :
VL0227ABL01

Tgt Ion:117 Resp: 2185823
Ion Ratio Lower Upper
117 100
82 68.1 53.3 79.9
119 32.9 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.438 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.000 min
Lab File: VL040230.D
Acq: 27 Feb 2023 11:15

Tgt Ion: 95 Resp: 1696302
Ion Ratio Lower Upper
95 100
174 59.5 48.2 72.2
175 4.1 3.4 5.2

