

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040362.D
 Acq On : 13 Apr 2023 16:27
 Operator : SY/MD
 Sample : VL0413ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABL01

Quant Time: Apr 14 08:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	955190	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2441268	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2172121	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.790	95	1765531	9.829	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%

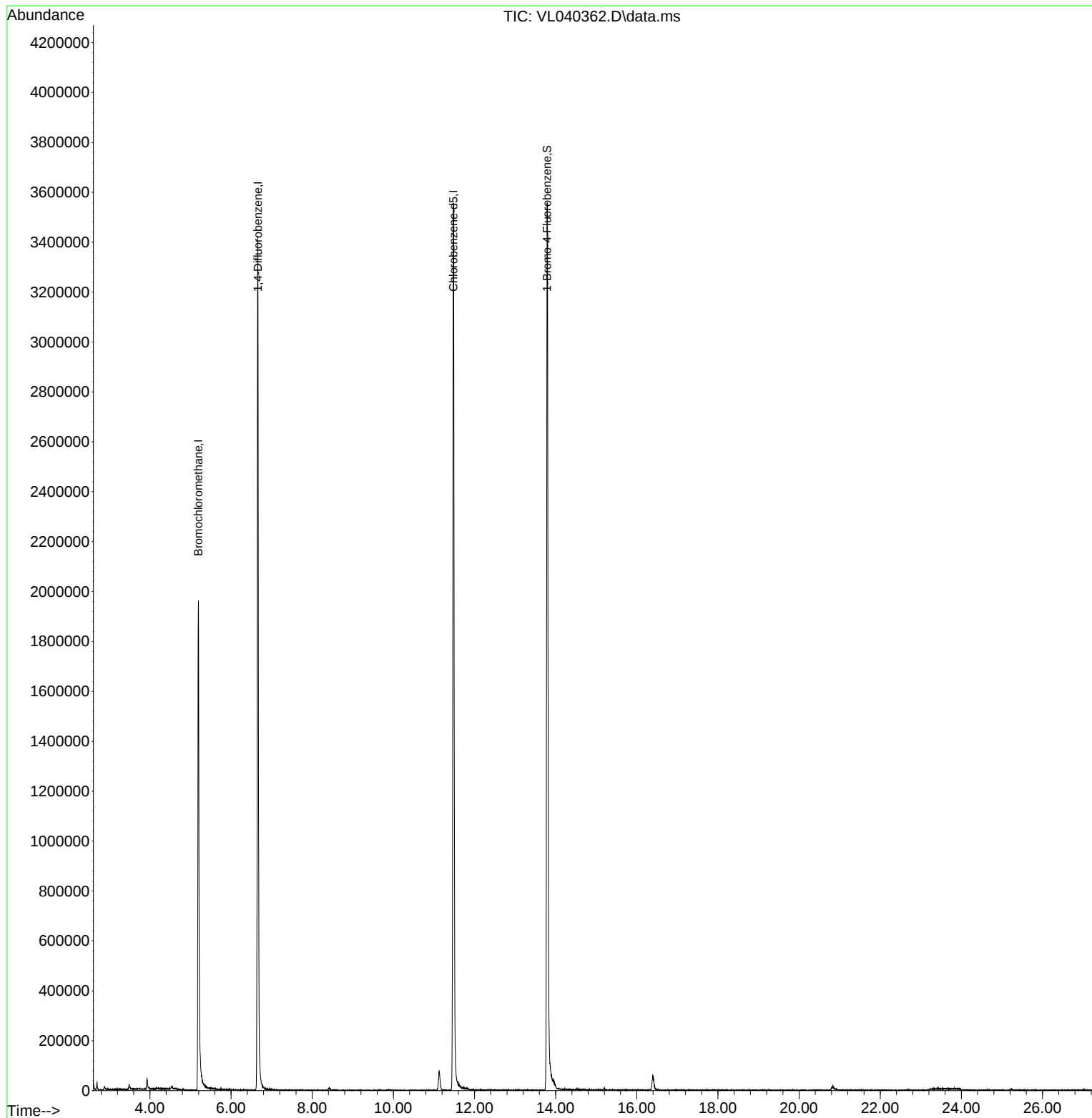
Target Compounds	Qvalue

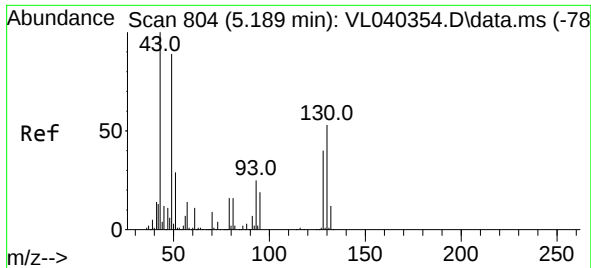
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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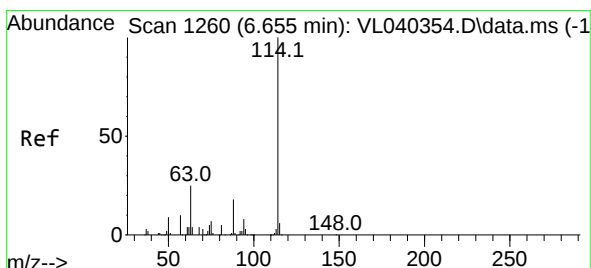
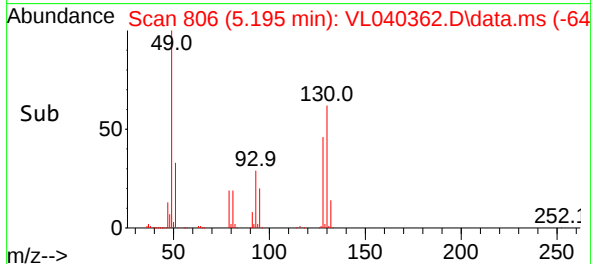
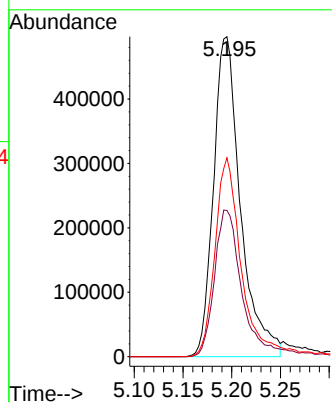
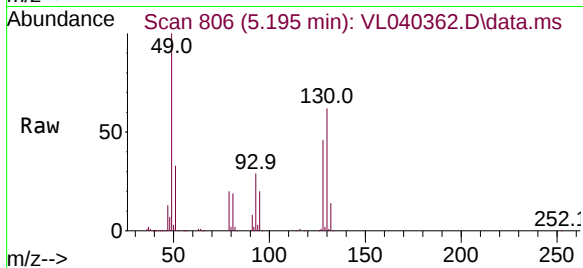




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.006 min
Lab File: VL040362.D
Acq: 13 Apr 2023 16:27

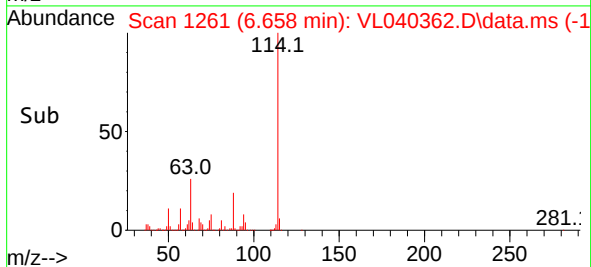
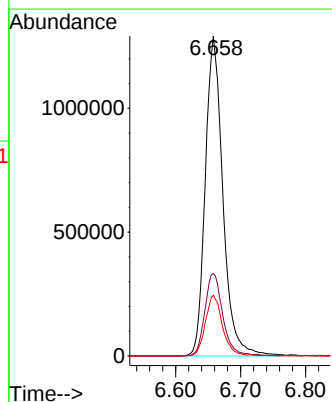
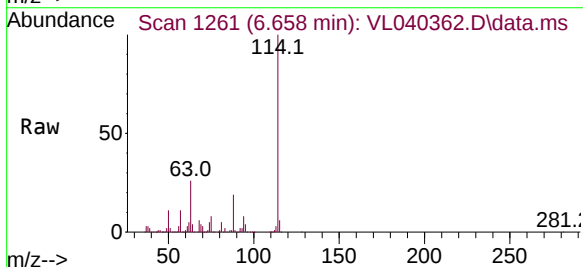
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABL01

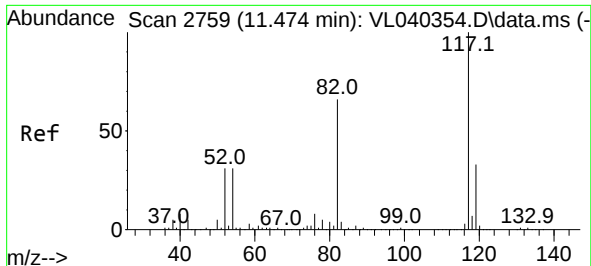
Tgt Ion: 49 Resp: 955190
Ion Ratio Lower Upper
49 100
128 48.7 23.7 71.1
130 63.4 29.9 89.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VL040362.D
Acq: 13 Apr 2023 16:27

Tgt Ion:114 Resp: 2441268
Ion Ratio Lower Upper
114 100
63 26.5 21.4 32.0
88 18.6 14.6 22.0

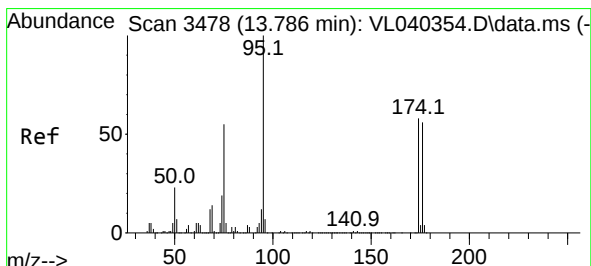
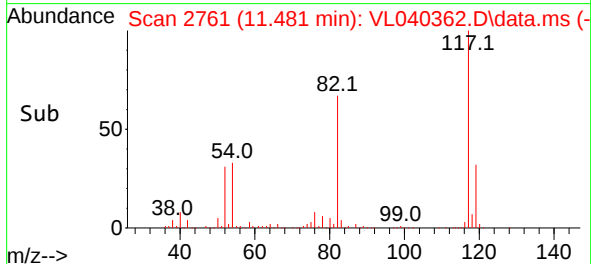
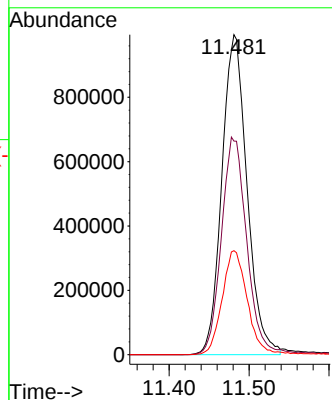
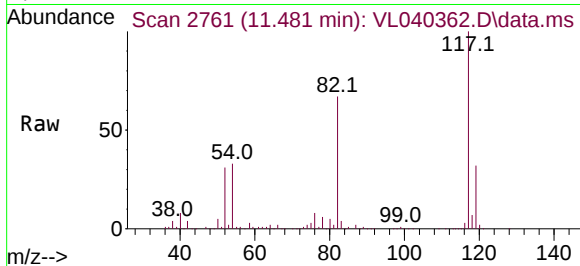




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040362.D
Acq: 13 Apr 2023 16:27

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABL01

Tgt Ion:117 Resp: 2172121
Ion Ratio Lower Upper
117 100
82 69.7 52.5 78.7
119 32.7 24.3 36.5



#68
1-Bromo-4-Fluorobenzene
Concen: 9.829 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.003 min
Lab File: VL040362.D
Acq: 13 Apr 2023 16:27

Tgt Ion: 95 Resp: 1765531
Ion Ratio Lower Upper
95 100
174 60.7 47.2 70.8
175 4.3 3.5 5.3

