

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040962.D
 Acq On : 22 Dec 2023 17:33
 Operator : SY/MD
 Sample : QC120523 CAN 10428
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120523 CAN 10428

Quant Time: Dec 23 01:22:29 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	5.198	49	1013105	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2393980	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	1977242	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1499031	10.293	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%

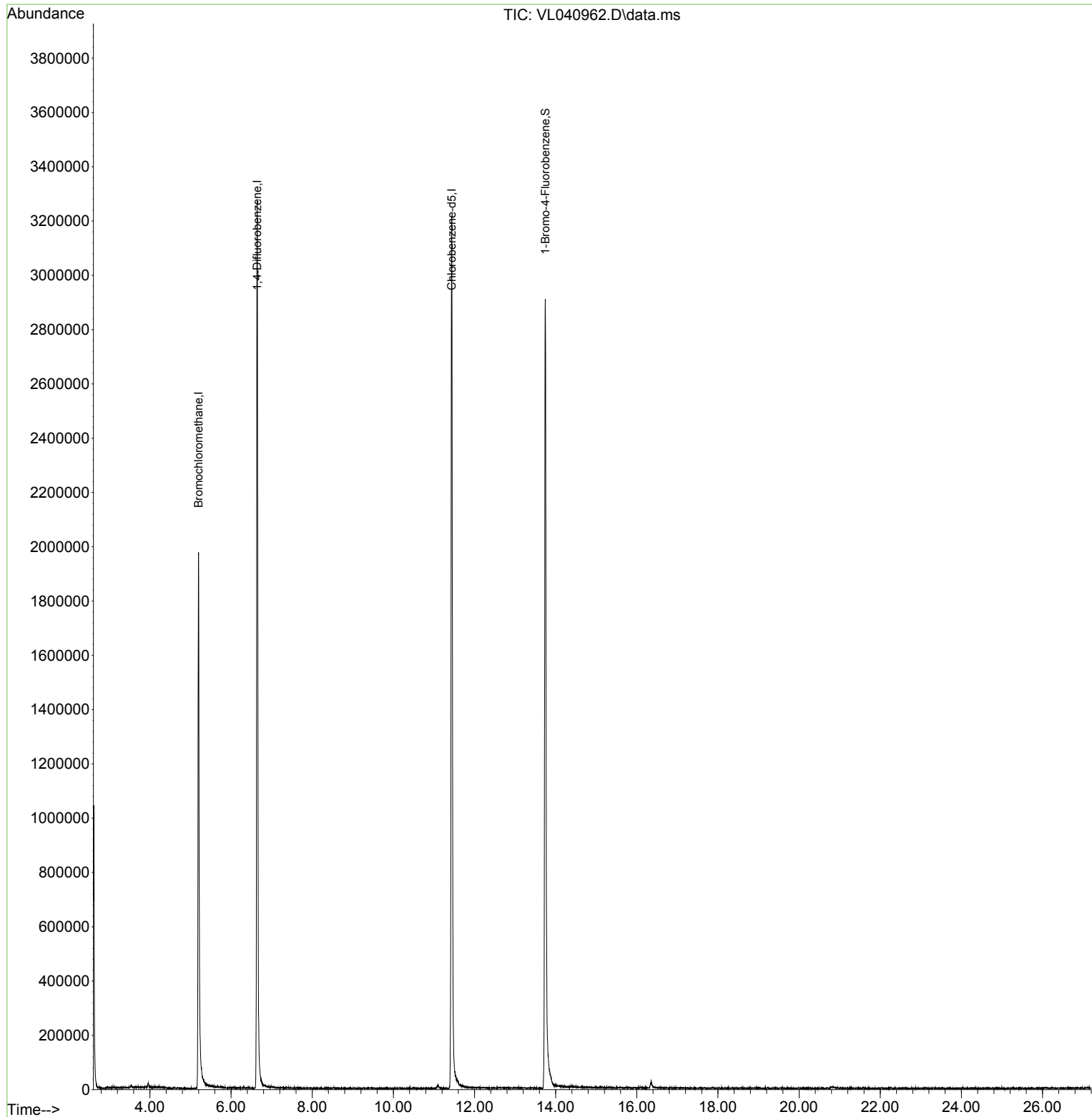
Target Compounds	Qvalue

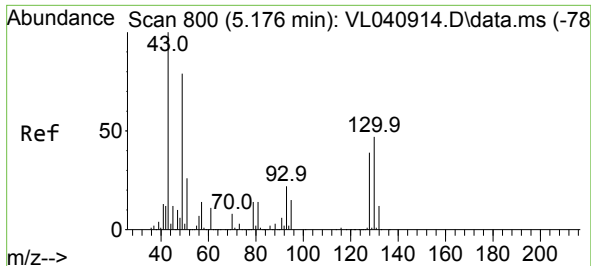
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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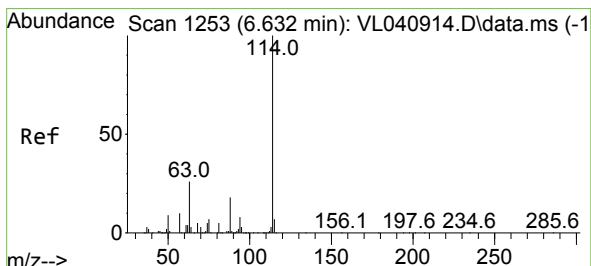
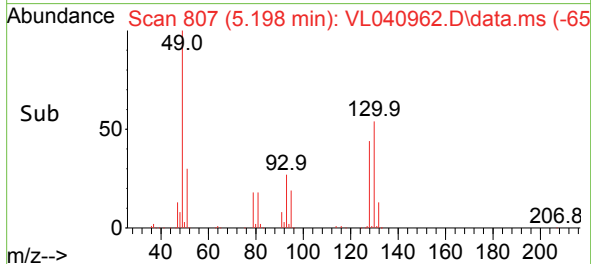
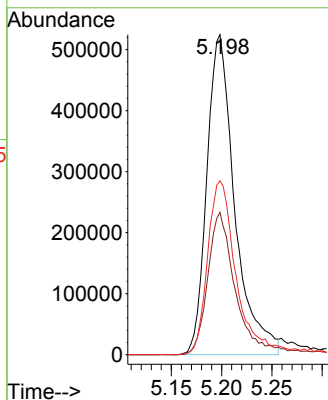
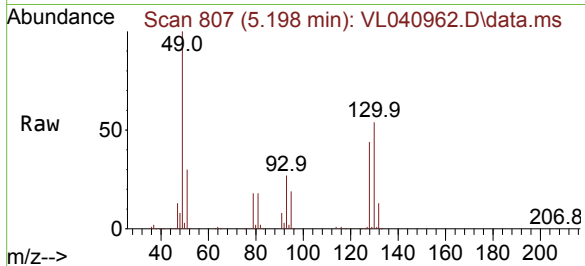




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040962.D
Acq: 22 Dec 2023 17:33

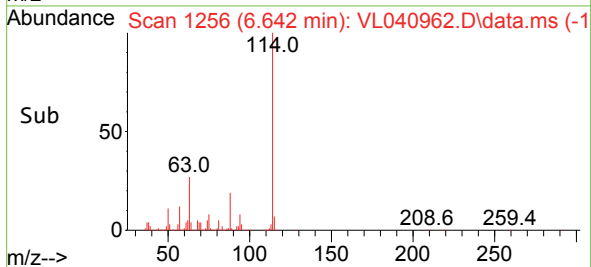
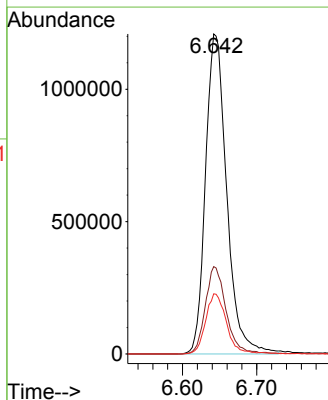
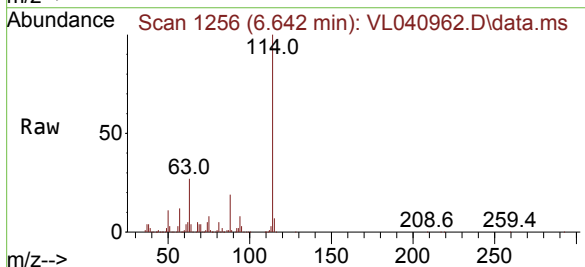
Instrument :
MSVOA_L
ClientSampleId :
QC120523 CAN 10428

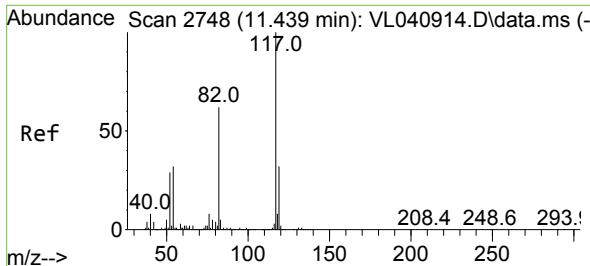
Tgt Ion: 49 Resp: 1013105
Ion Ratio Lower Upper
49 100
128 45.4 23.8 71.2
130 58.1 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VL040962.D
Acq: 22 Dec 2023 17:33

Tgt Ion: 114 Resp: 2393980
Ion Ratio Lower Upper
114 100
63 27.0 21.0 31.6
88 18.8 14.3 21.5

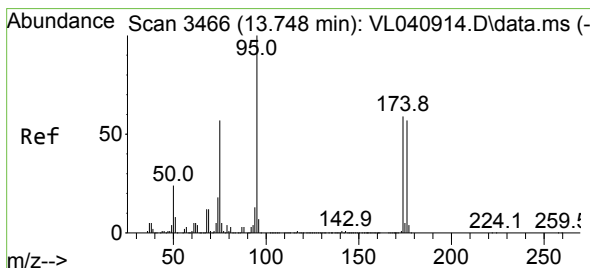
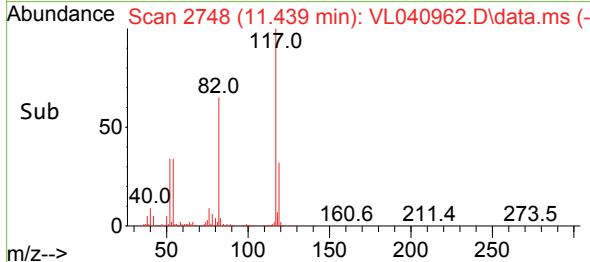
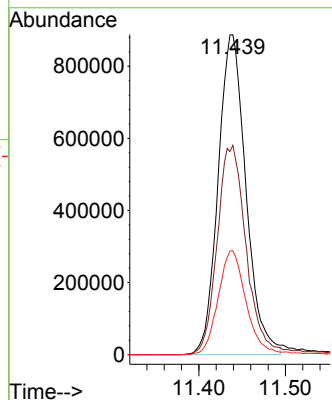
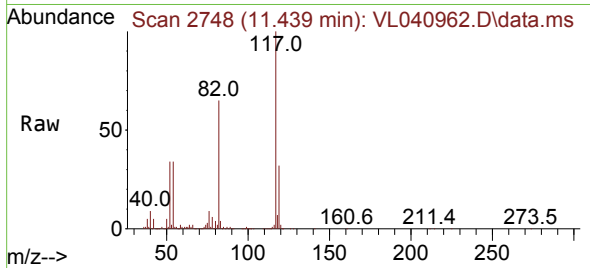




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040962.D
Acq: 22 Dec 2023 17:33

Instrument :
MSVOA_L
ClientSampleId :
QC120523 CAN 10428

Tgt Ion:117 Resp: 1977242
Ion Ratio Lower Upper
117 100
82 70.1 49.6 74.4
119 33.2 23.4 35.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.293 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. 0.006 min
Lab File: VL040962.D
Acq: 22 Dec 2023 17:33

Tgt Ion: 95 Resp: 1499031
Ion Ratio Lower Upper
95 100
174 59.3 48.0 72.0
175 4.4 3.7 5.5

