

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040529.D
 Acq On : 14 Jul 2023 15:54
 Operator : SY/MD
 Sample : VL0714ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0714ABL01

Quant Time: Jul 16 23:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	999679	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2535861	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2170177	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1729933	10.072	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

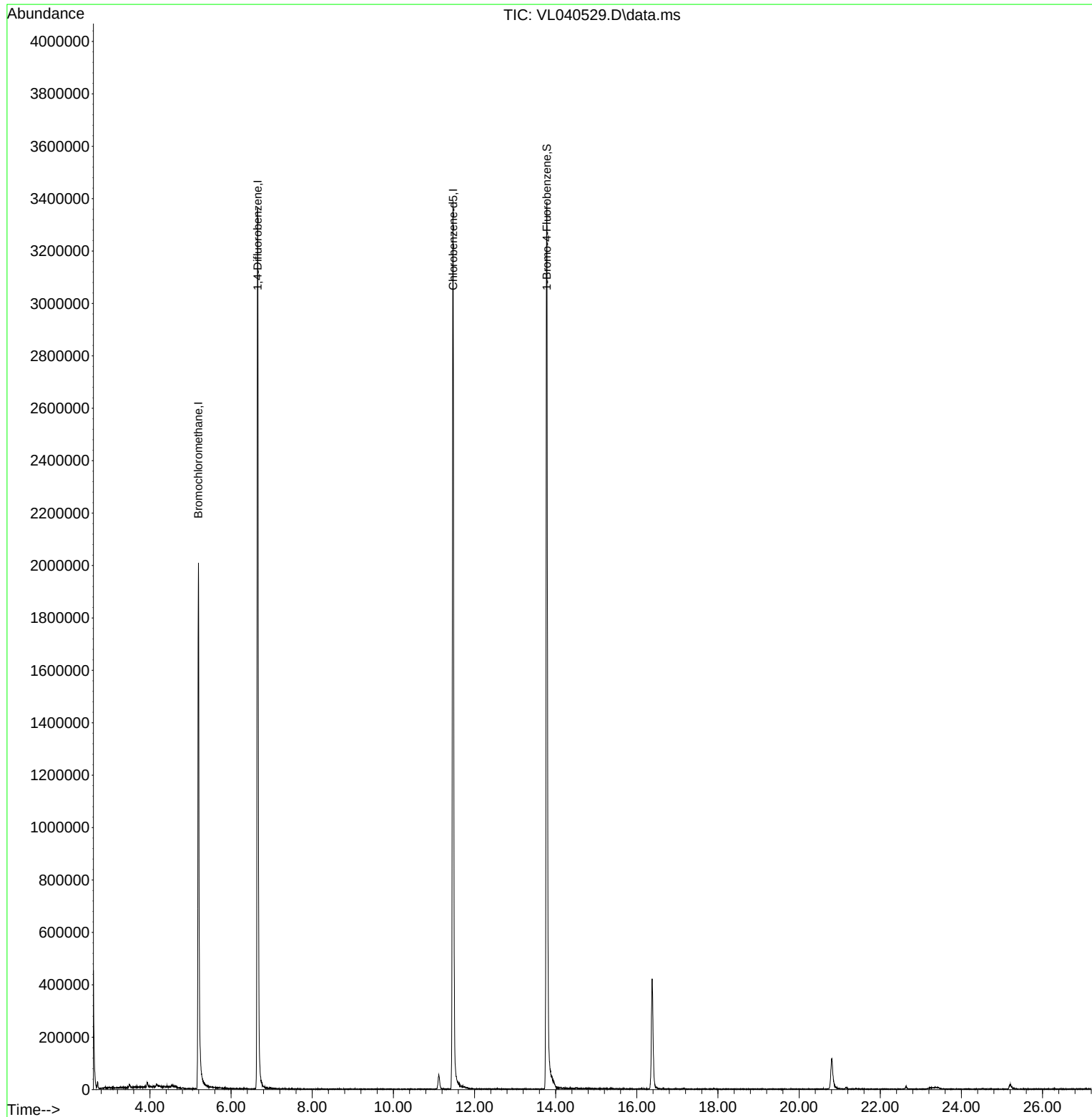
Target Compounds	Qvalue

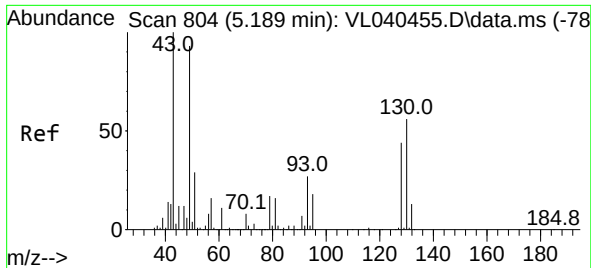
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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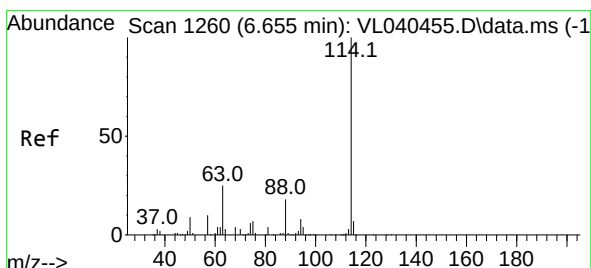
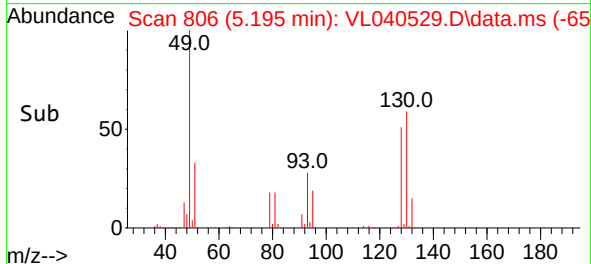
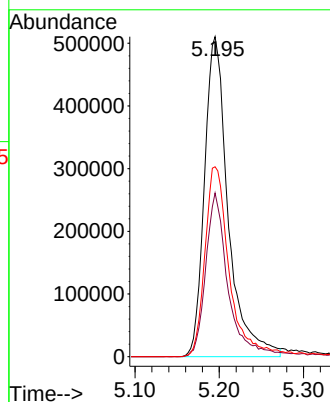
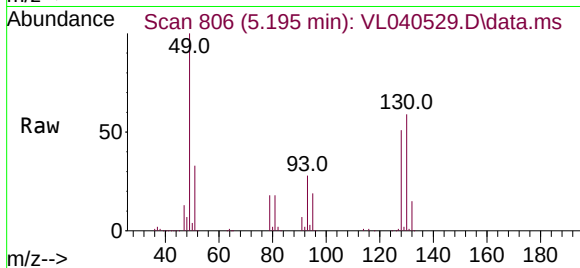




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

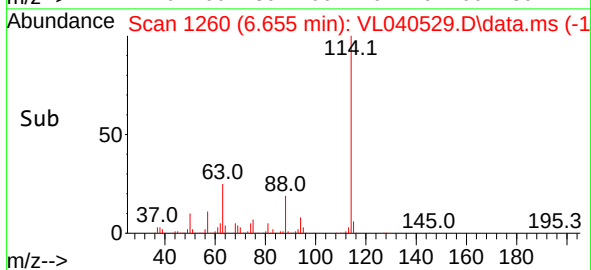
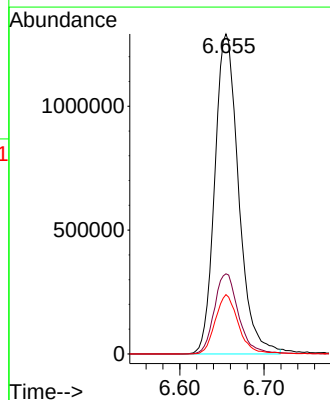
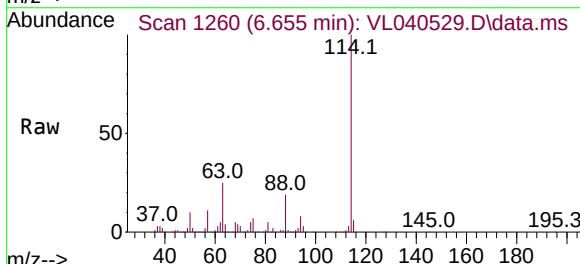
Instrument :
MSVOA_1
ClientSampleId :
VL0714ABL01

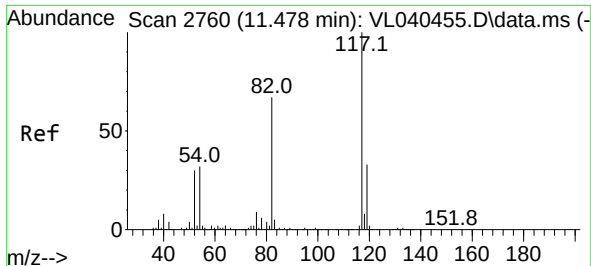
Tgt Ion: 49 Resp: 999679
Ion Ratio Lower Upper
49 100
128 50.0 25.1 75.4
130 63.3 31.6 94.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Tgt Ion: 114 Resp: 2535861
Ion Ratio Lower Upper
114 100
63 25.8 19.6 29.4
88 18.2 14.2 21.2

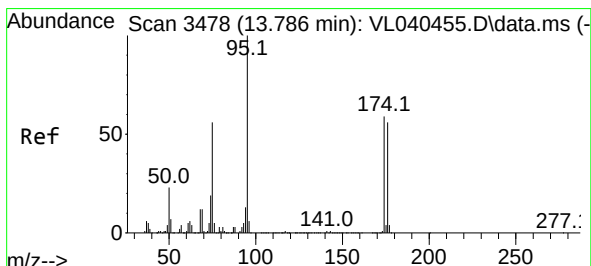
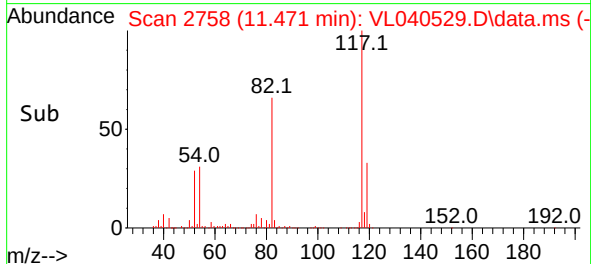
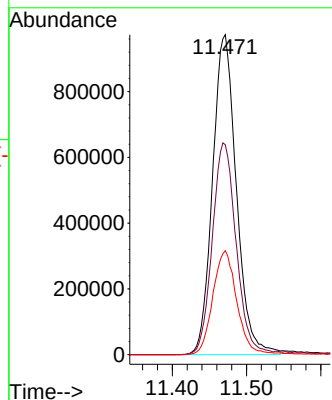
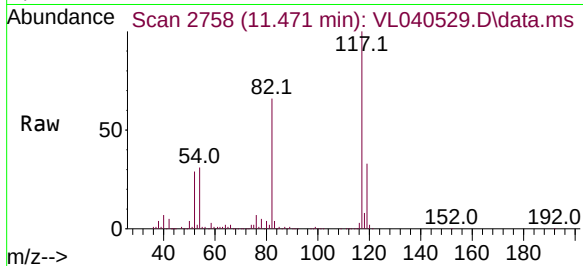




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Instrument :
MSVOA_1
ClientSampleId :
VL0714ABL01

Tgt Ion:117 Resp: 2170177
Ion Ratio Lower Upper
117 100
82 67.5 50.2 75.4
119 33.1 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.072 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040529.D
Acq: 14 Jul 2023 15:54

Tgt Ion: 95 Resp: 1729933
Ion Ratio Lower Upper
95 100
174 60.6 50.6 75.8
175 4.3 3.7 5.5

