

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041282.D
 Acq On : 24 May 2024 9:03
 Operator : SY/MD
 Sample : VL0524ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABL01

Quant Time: May 24 23:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1001191	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2690232	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2441503	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.780	95	1919456	10.414	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%

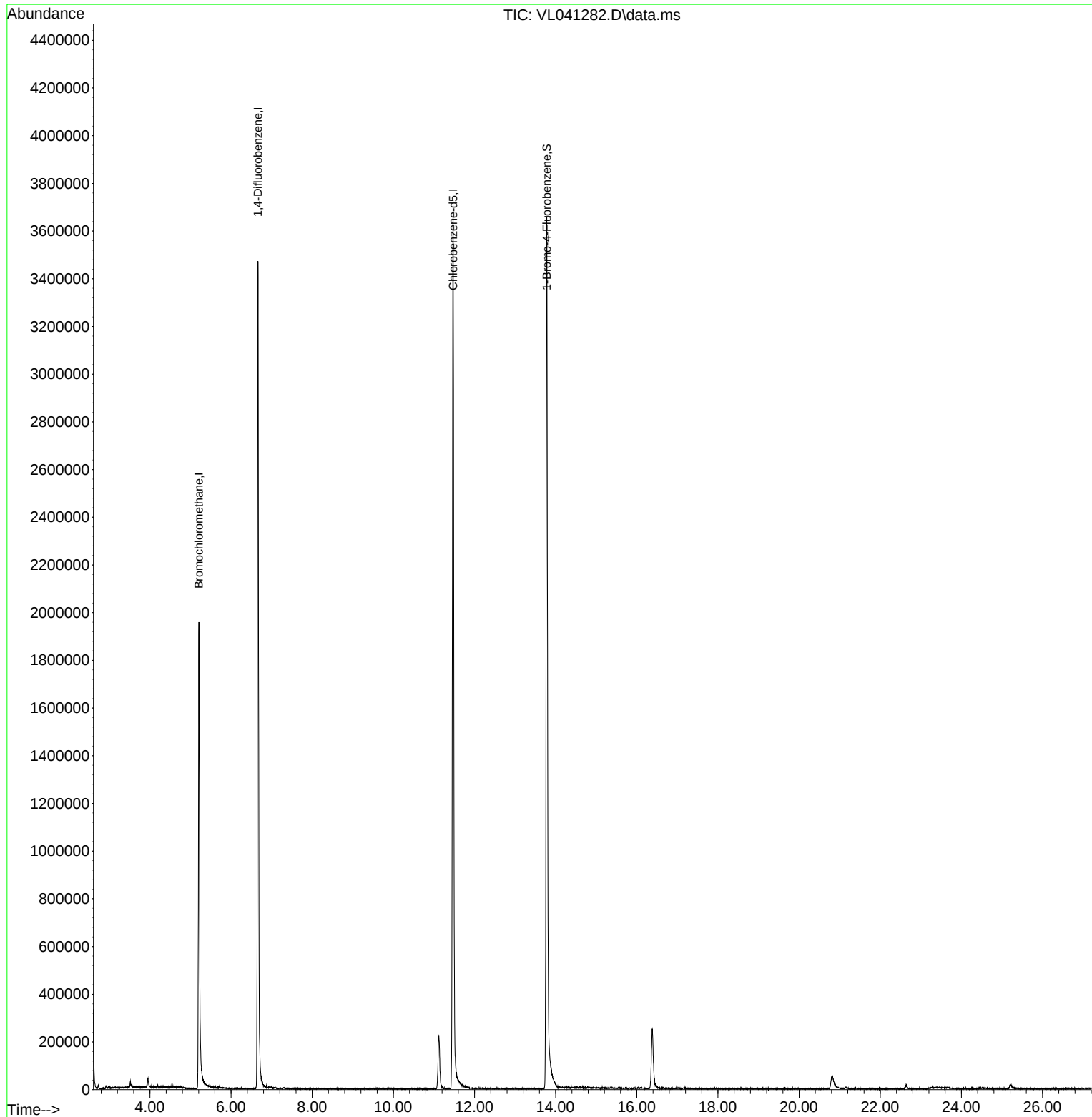
Target Compounds	Qvalue

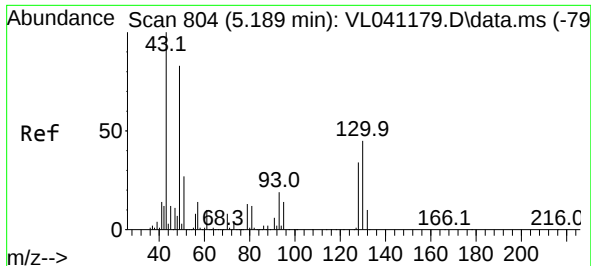
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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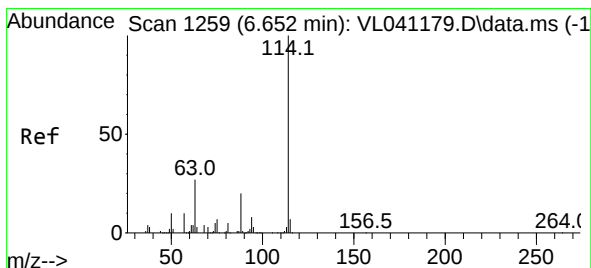
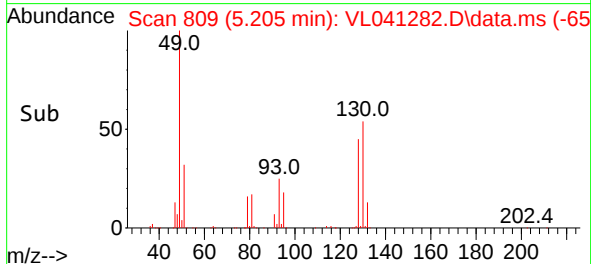
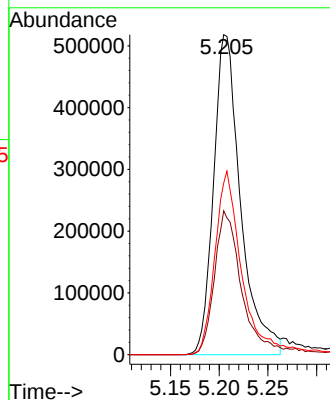
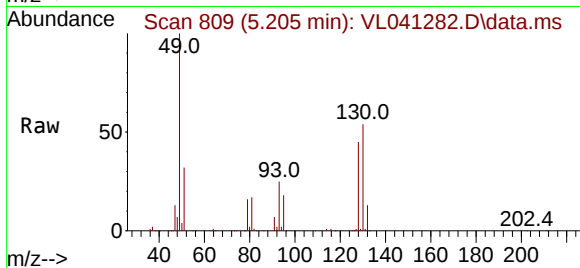




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041282.D
Acq: 24 May 2024 9:03

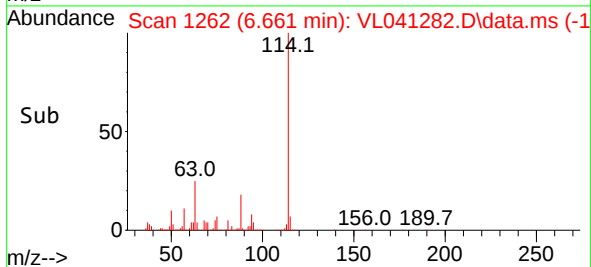
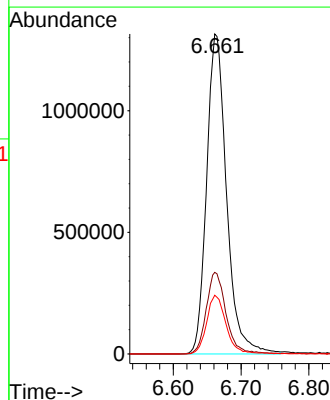
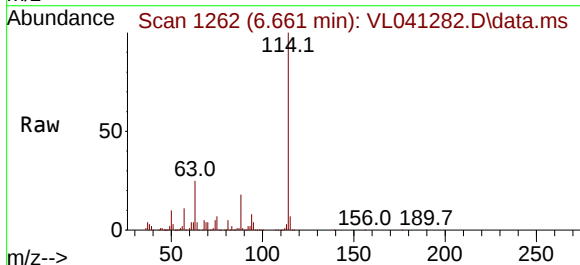
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABL01

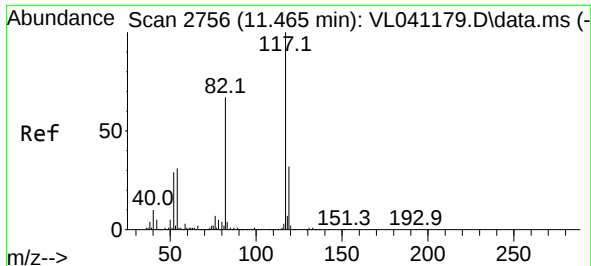
Tgt Ion: 49 Resp: 1001191
Ion Ratio Lower Upper
49 100
128 46.9 21.5 64.5
130 59.0 27.2 81.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VL041282.D
Acq: 24 May 2024 9:03

Tgt Ion: 114 Resp: 2690232
Ion Ratio Lower Upper
114 100
63 25.7 21.8 32.6
88 18.0 15.2 22.8

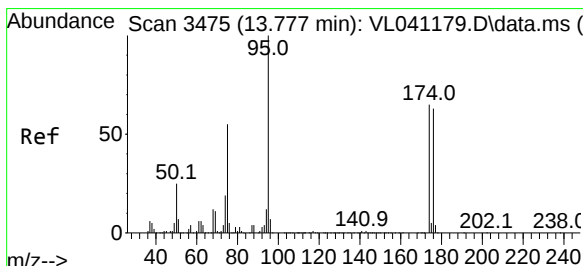
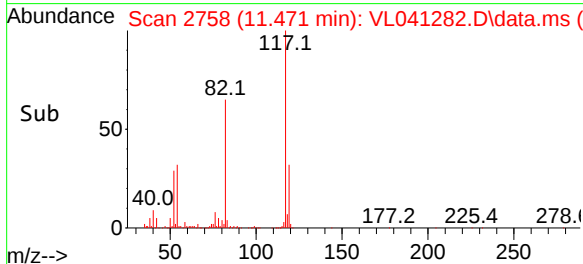
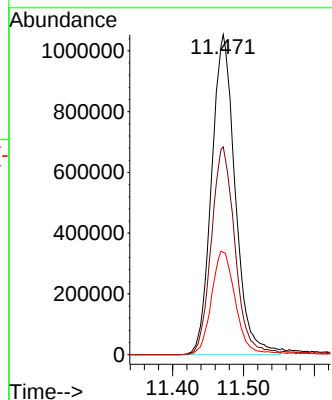
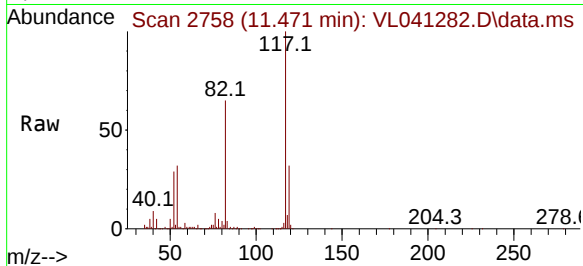




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041282.D
Acq: 24 May 2024 9:03

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABL01

Tgt Ion:117 Resp: 2441503
Ion Ratio Lower Upper
117 100
82 66.9 53.6 80.4
119 33.7 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.414 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VL041282.D
Acq: 24 May 2024 9:03

Tgt Ion: 95 Resp: 1919456
Ion Ratio Lower Upper
95 100
174 65.0 53.6 80.4
175 4.8 4.2 6.4

