

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039580.D
 Acq On : 25 Aug 2022 16:12
 Operator : SY/AP
 Sample : VL0825ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0825ABL01

Quant Time: Aug 26 06:20:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1060389	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2846174	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2515527	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.776	95	1782698	9.394	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.900%

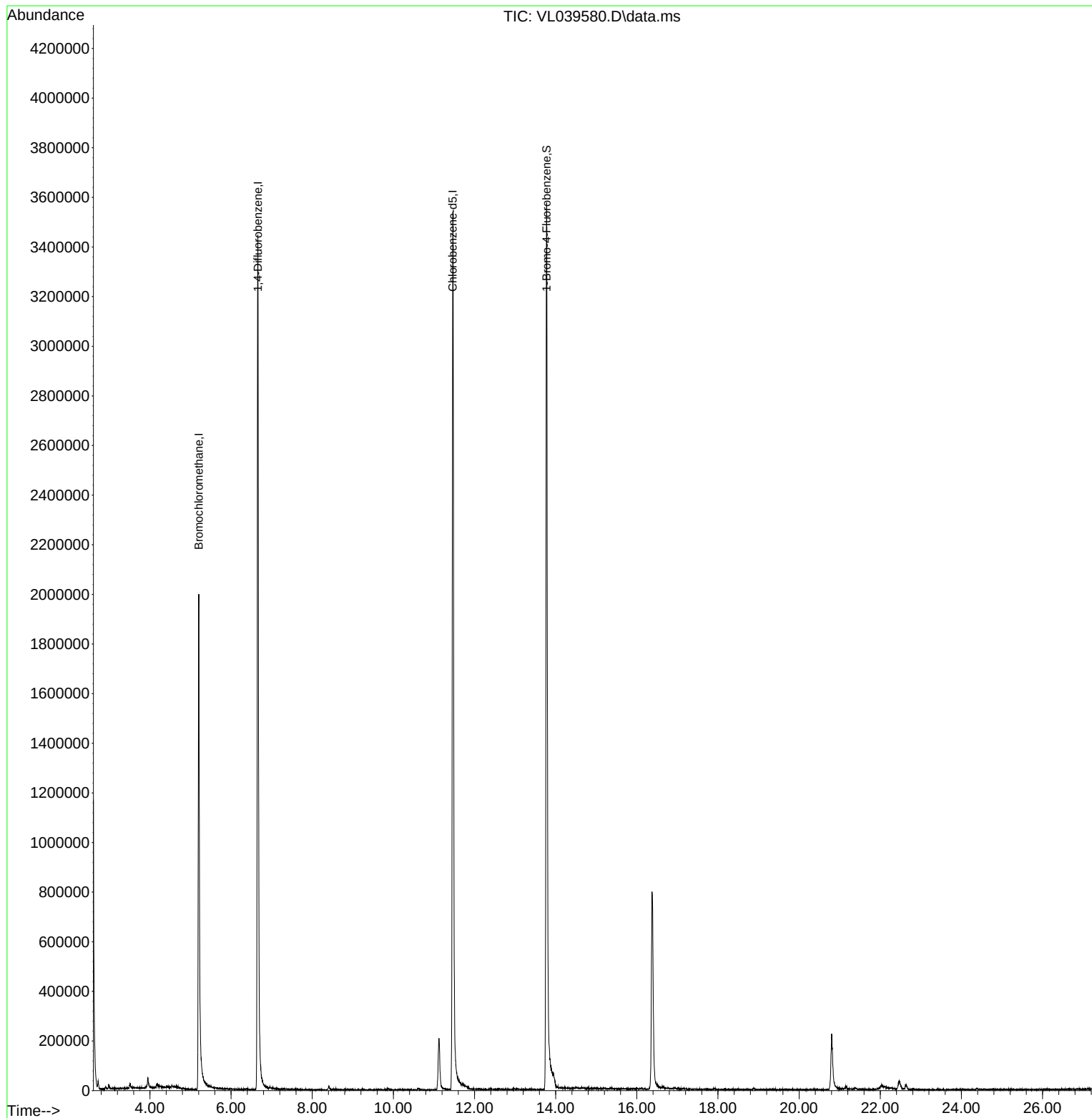
Target Compounds	Qvalue

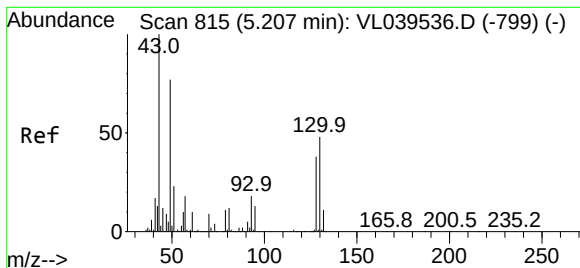
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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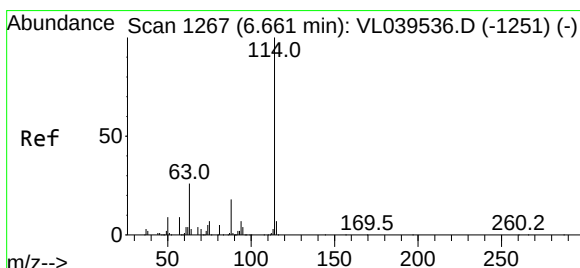
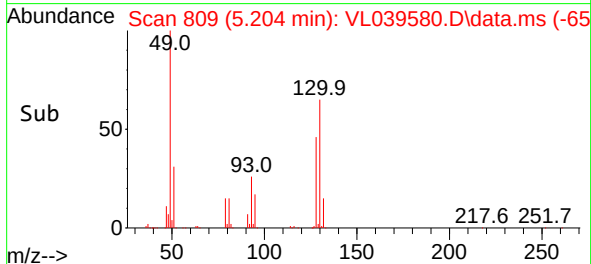
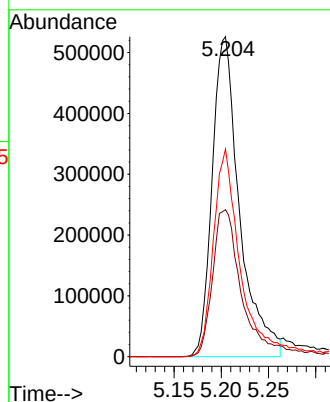
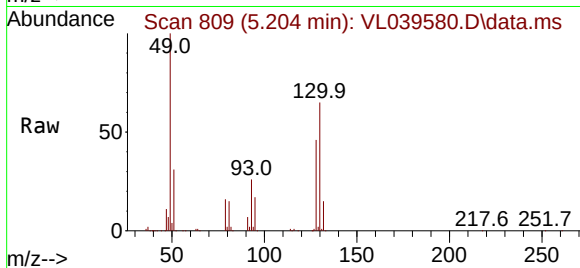




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.204 min Scan# 809
 Delta R.T. -0.003 min
 Lab File: VL039580.D
 Acq: 25 Aug 2022 16:12

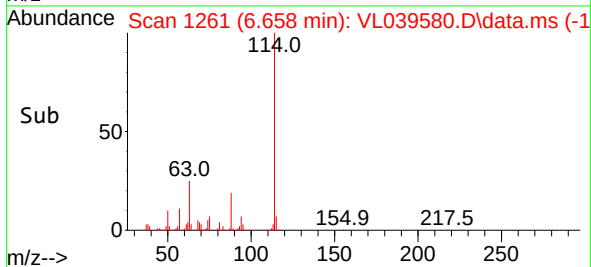
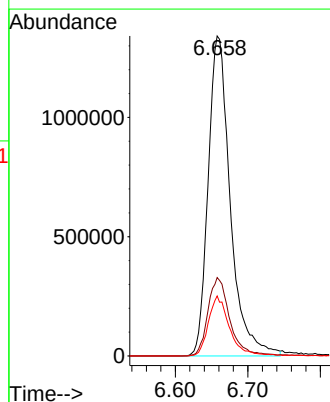
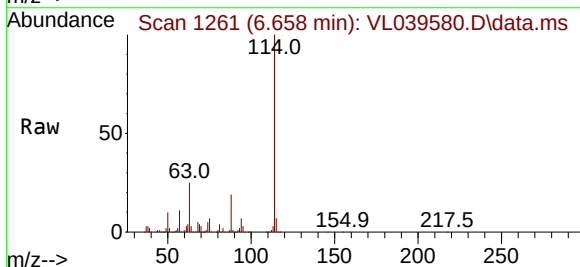
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0825ABL01

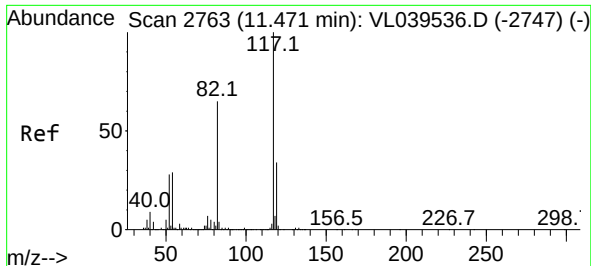
Tgt Ion: 49 Resp: 1060389
 Ion Ratio Lower Upper
 49 100
 128 51.9 26.7 80.0
 130 67.6 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. -0.003 min
 Lab File: VL039580.D
 Acq: 25 Aug 2022 16:12

Tgt Ion: 114 Resp: 2846174
 Ion Ratio Lower Upper
 114 100
 63 24.8 20.2 30.4
 88 18.0 14.5 21.7

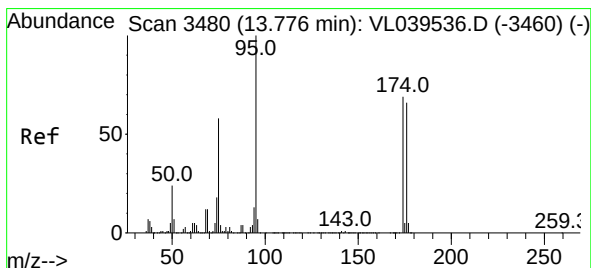
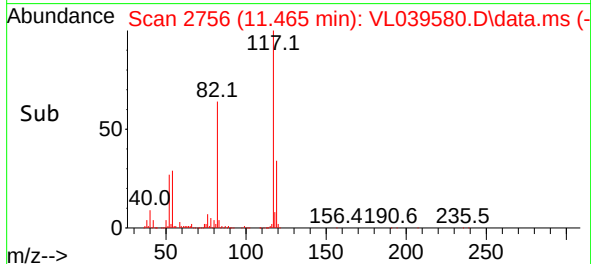
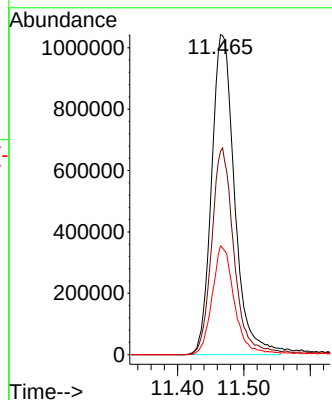
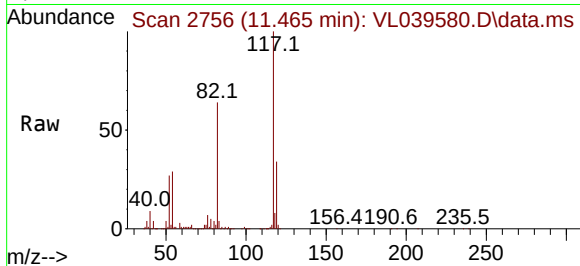




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039580.D
Acq: 25 Aug 2022 16:12

Instrument :
MSVOA_1
ClientSampleId :
VL0825ABL01

Tgt Ion:117 Resp: 2515527
Ion Ratio Lower Upper
117 100
82 64.2 50.8 76.2
119 33.3 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.394 ppbv
RT: 13.776 min Scan# 3475
Delta R.T. 0.000 min
Lab File: VL039580.D
Acq: 25 Aug 2022 16:12

Tgt Ion: 95 Resp: 1782698
Ion Ratio Lower Upper
95 100
174 73.3 55.9 83.9
175 5.6 4.2 6.4

