

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039559.D
 Acq On : 18 Aug 2022 14:54
 Operator : SY/AP
 Sample : VL0818ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0818ABL01

Quant Time: Aug 19 03:02:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1046214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2689338	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2344788	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.789	95	1735132	9.830	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%

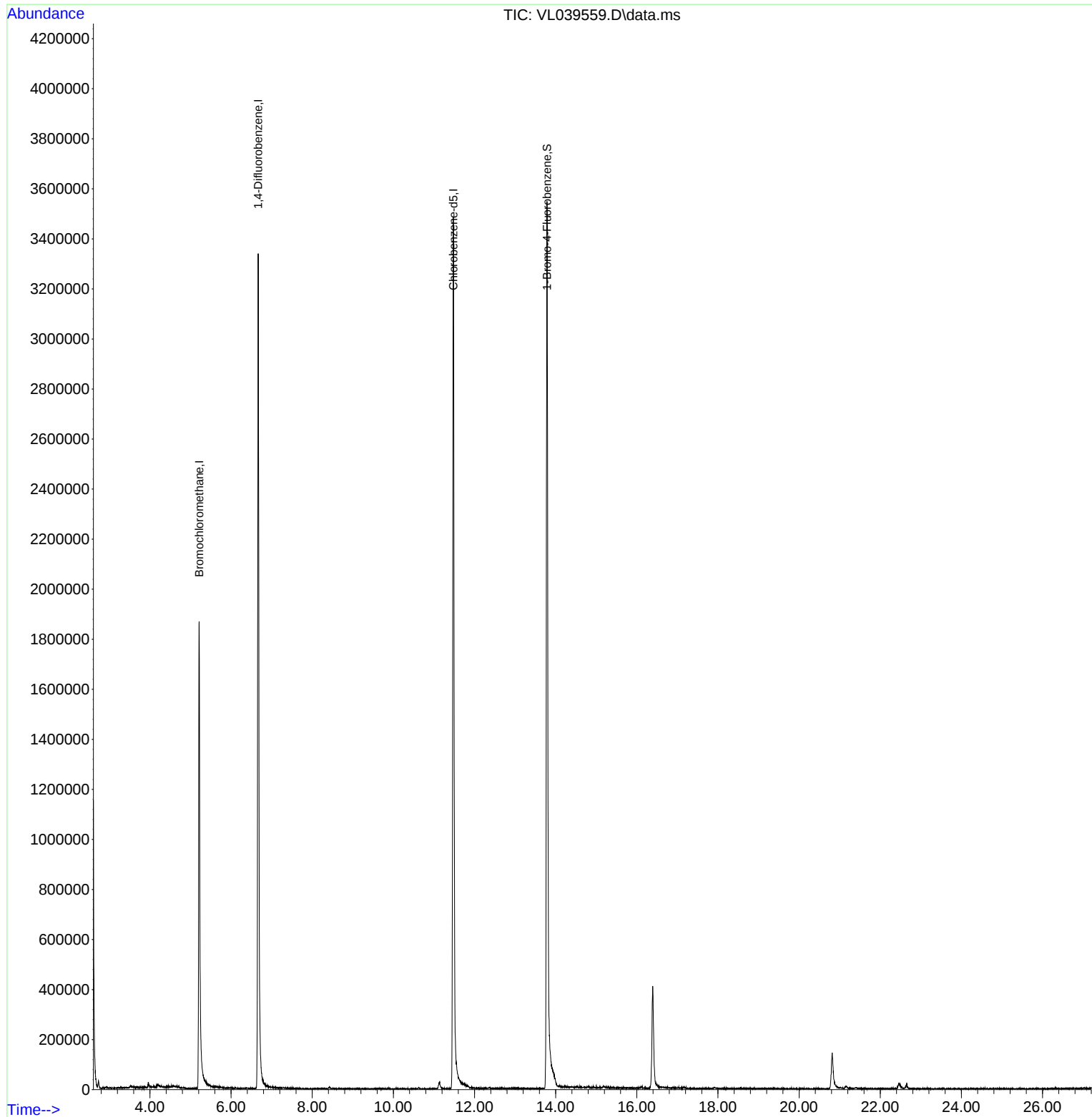
Target Compounds	Qvalue

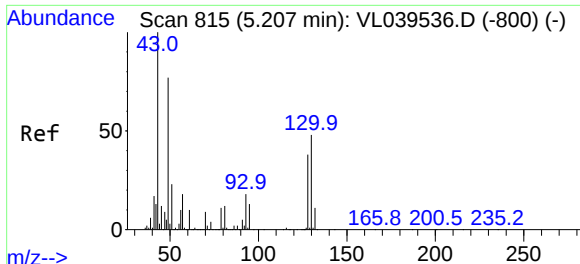
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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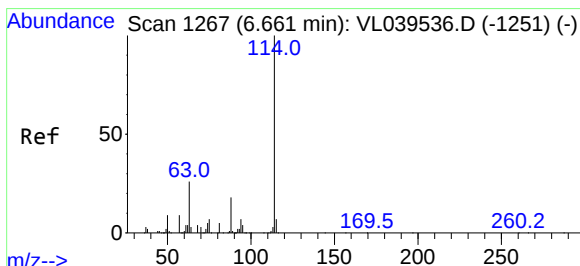
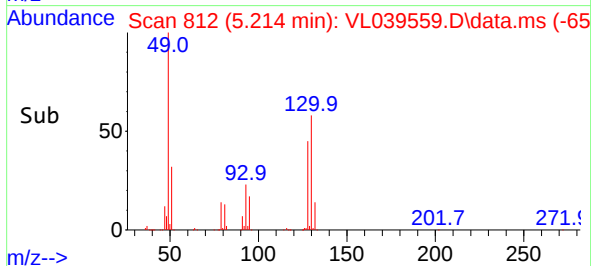
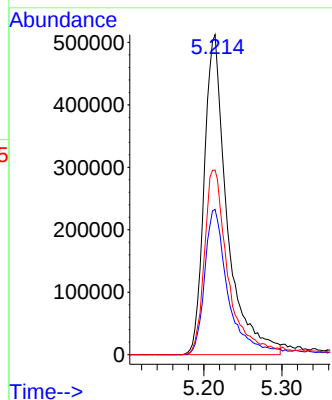
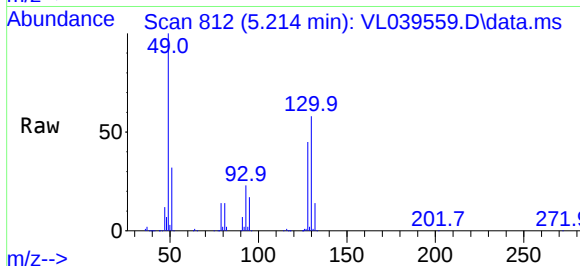


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0818ABL01

Tgt Ion: 49 Resp: 1046214

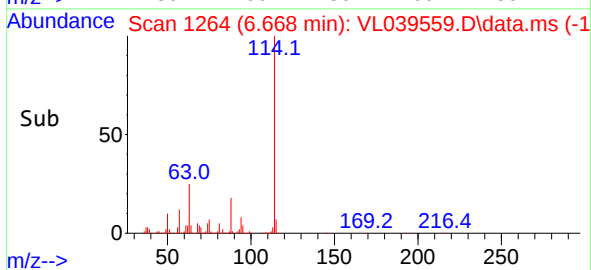
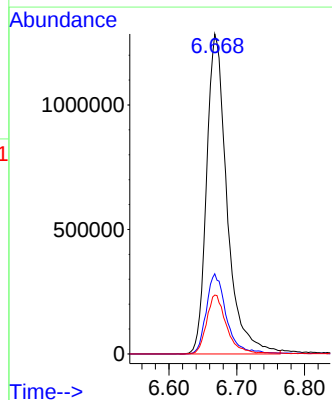
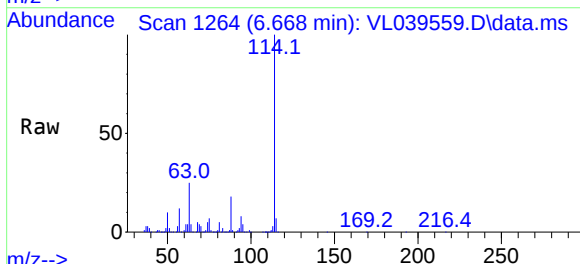
Ion	Ratio	Lower	Upper
49	100		
128	48.8	25.7	77.0
130	62.2	31.6	95.0

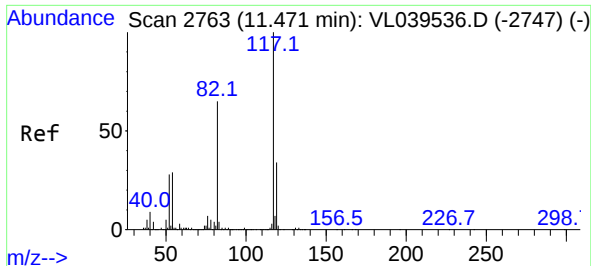


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Tgt Ion: 114 Resp: 2689338

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.6	31.0
88	18.4	14.6	22.0



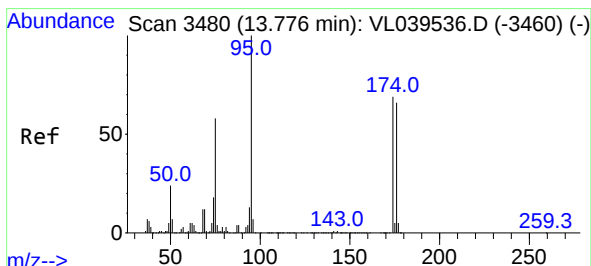
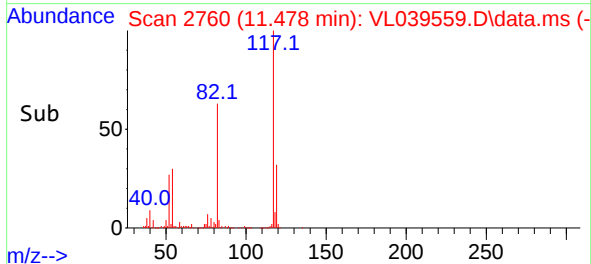
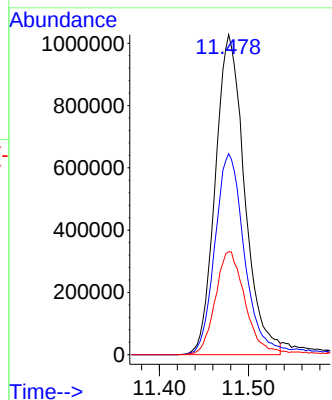
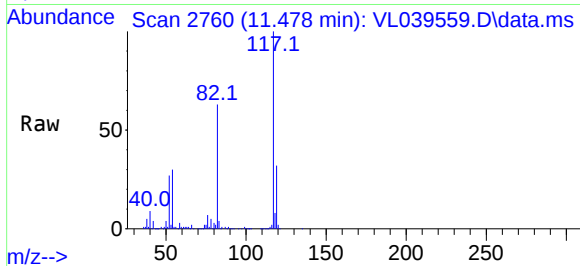


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0818ABL01

Tgt Ion:117 Resp: 2344788

Ion	Ratio	Lower	Upper
117	100		
82	66.1	49.1	73.7
119	33.9	25.9	38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.830 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.013 min
Lab File: VL039559.D
Acq: 18 Aug 2022 14:54

Tgt Ion: 95 Resp: 1735132

Ion	Ratio	Lower	Upper
95	100		
174	75.4	56.3	84.5
175	5.4	4.3	6.5

