

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039675.D
 Acq On : 22 Sep 2022 20:52
 Operator : SY/AP
 Sample : QC091522 CAN 10598
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC091522 CAN 10598

Quant Time: Sep 23 06:37:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	914522	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.677	114	2383429	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2094451	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.796	95	1530666	9.790	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

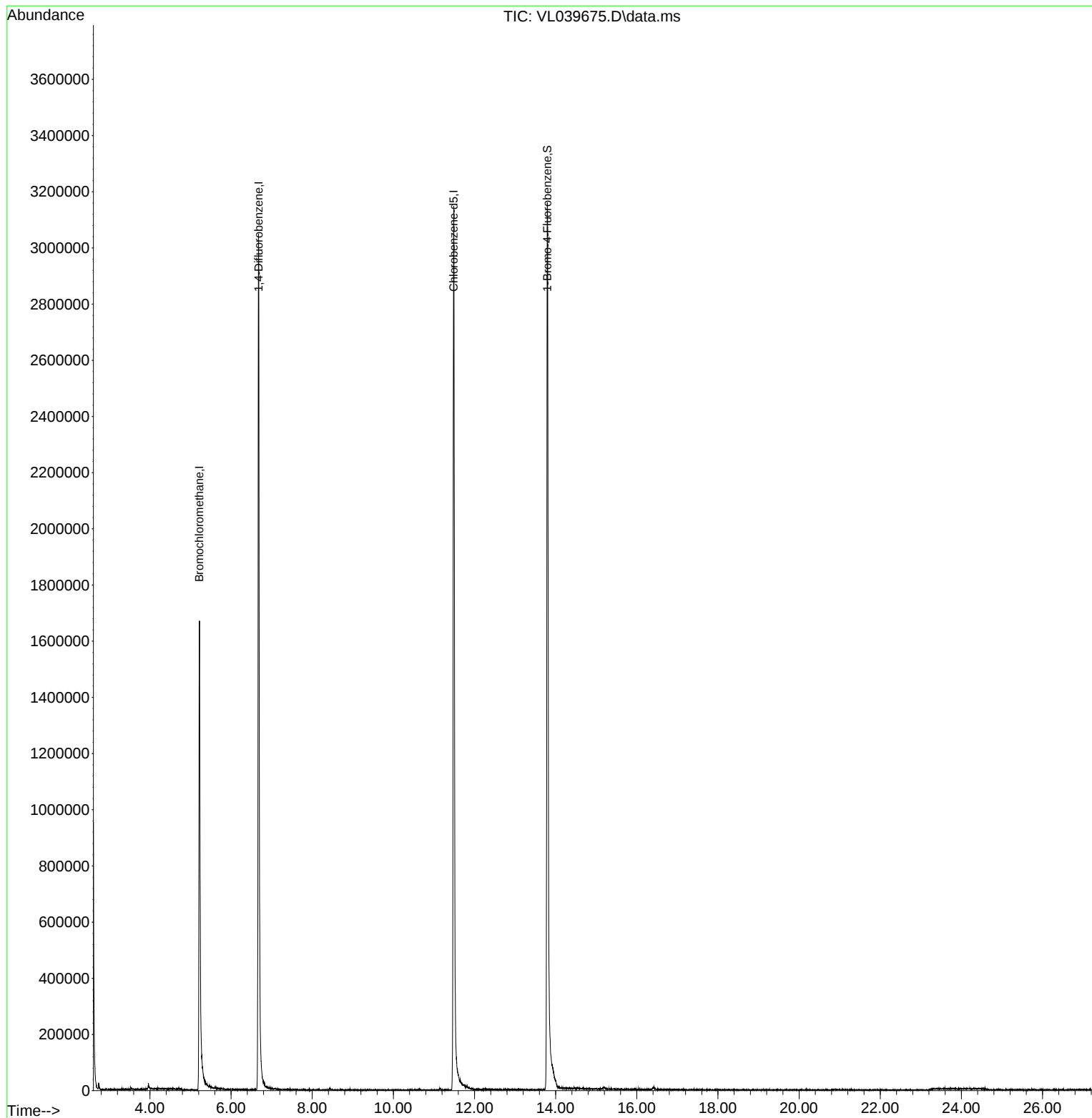
Target Compounds	Qvalue

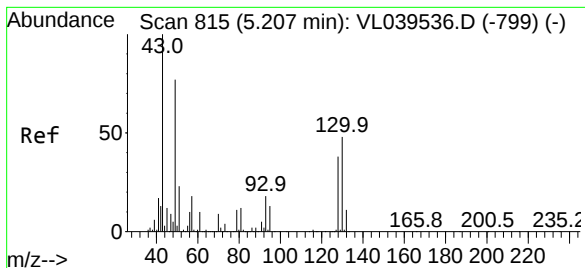
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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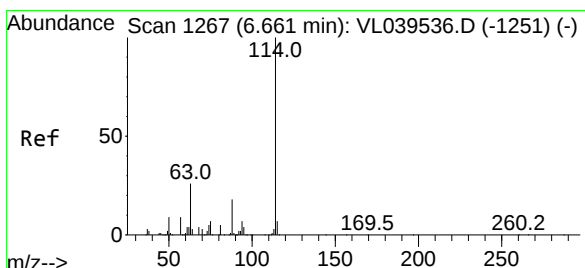
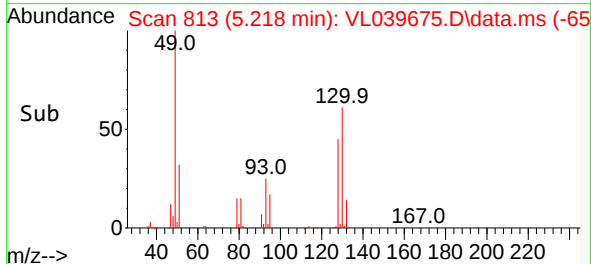
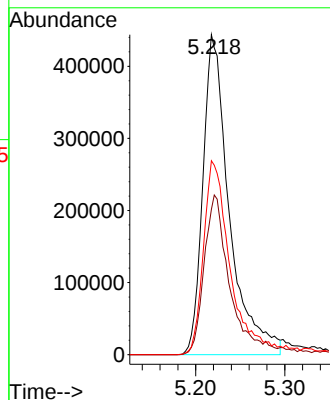
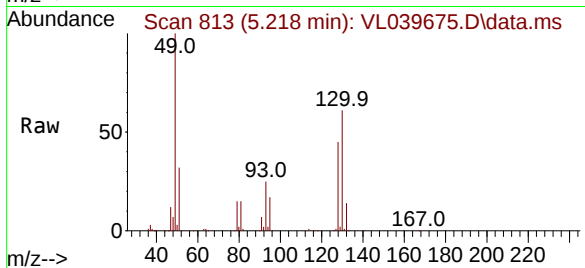




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.218 min Scan# 815
 Delta R.T. 0.011 min
 Lab File: VL039675.D
 Acq: 22 Sep 2022 20:52

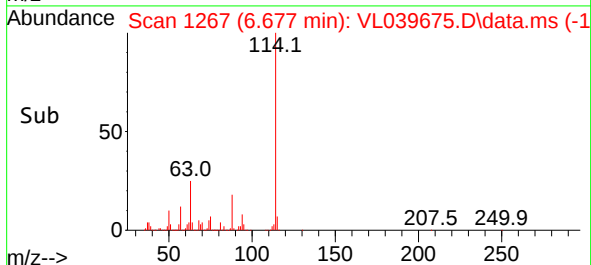
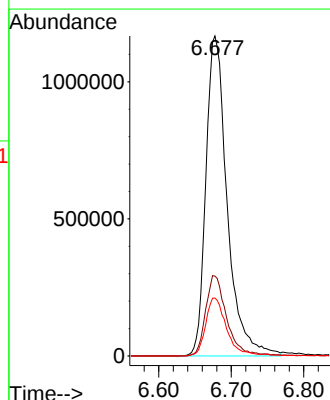
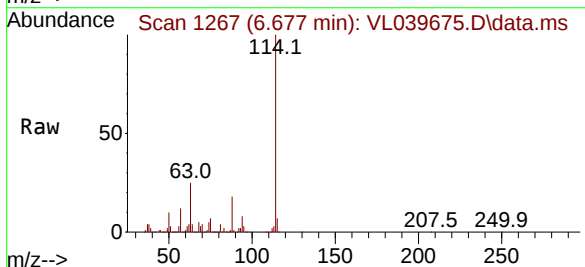
Instrument :
 MSVOA_L
 ClientSampleId :
 QC091522 CAN 10598

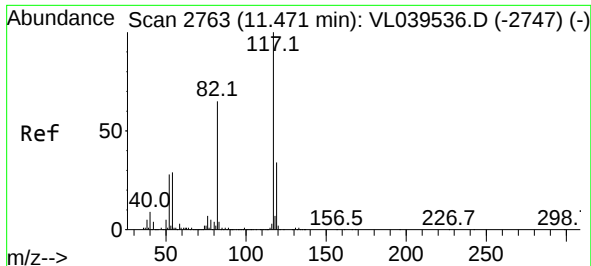
Tgt Ion: 49 Resp: 914522
 Ion Ratio Lower Upper
 49 100
 128 50.0 26.7 80.0
 130 65.0 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.677 min Scan# 1267
 Delta R.T. 0.017 min
 Lab File: VL039675.D
 Acq: 22 Sep 2022 20:52

Tgt Ion: 114 Resp: 2383429
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.2 30.4
 88 18.0 14.5 21.7

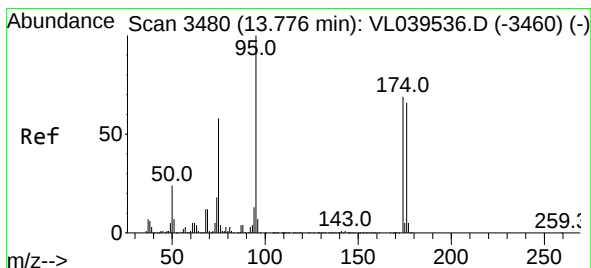
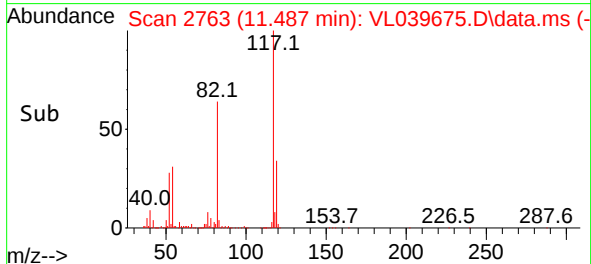
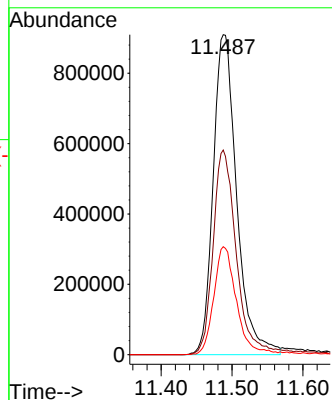
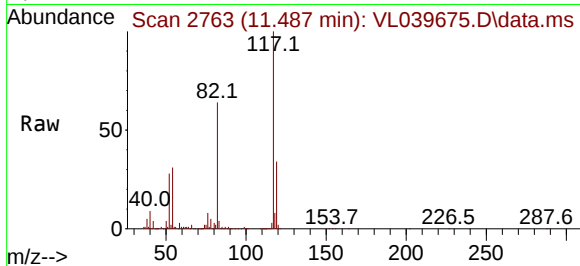




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.017 min
Lab File: VL039675.D
Acq: 22 Sep 2022 20:52

Instrument :
MSVOA_L
ClientSampleId :
QC091522 CAN 10598

Tgt Ion:117 Resp: 2094451
Ion Ratio Lower Upper
117 100
82 65.1 50.8 76.2
119 33.6 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.790 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.020 min
Lab File: VL039675.D
Acq: 22 Sep 2022 20:52

Tgt Ion: 95 Resp: 1530666
Ion Ratio Lower Upper
95 100
174 76.0 55.9 83.9
175 5.3 4.2 6.4

