

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071322\
 Data File : VL039470.D
 Acq On : 13 Jul 2022 18:19
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0713ABL01

Quant Time: Jul 14 01:23:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1260167	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3533409	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	3179968	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.420	95	2329785	9.876	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

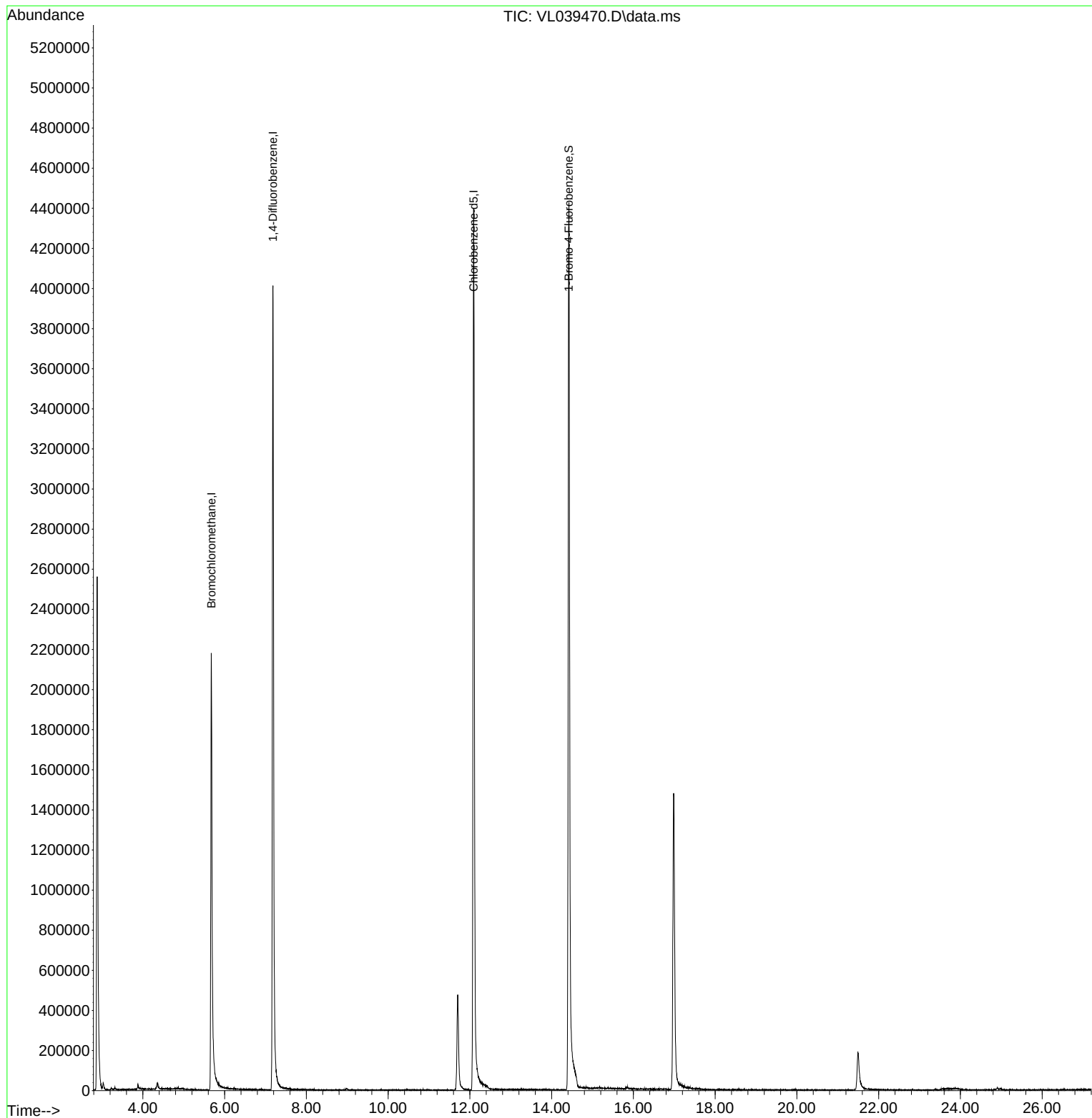
Target Compounds	Qvalue

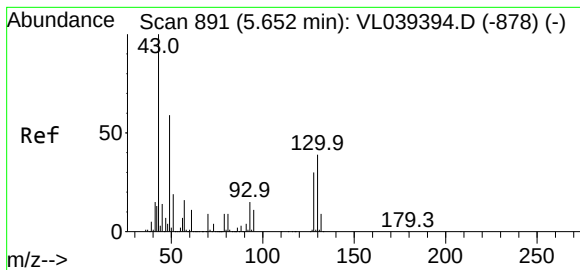
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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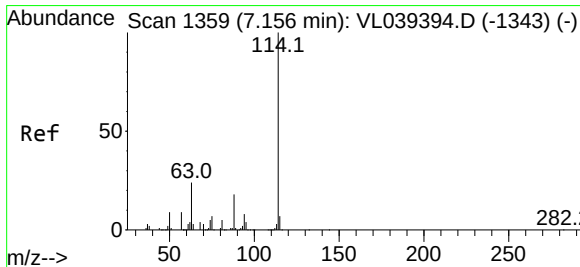
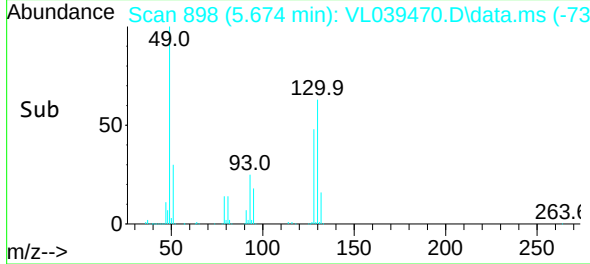
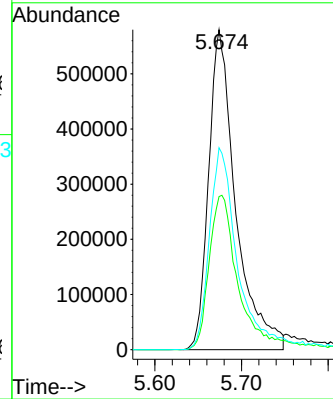
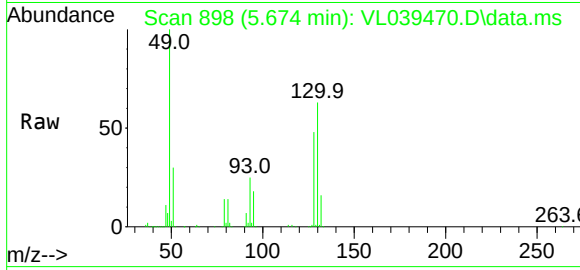




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.674 min Scan# 891
 Delta R.T. 0.022 min
 Lab File: VL039470.D
 Acq: 13 Jul 2022 18:19

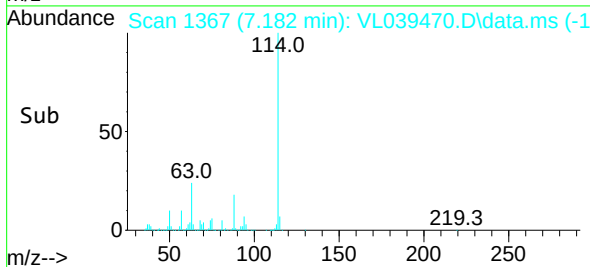
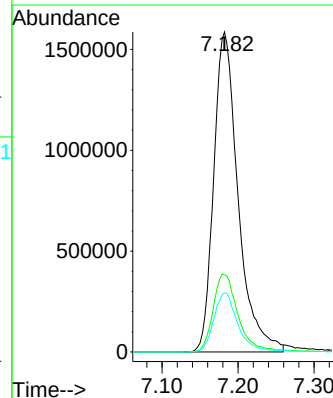
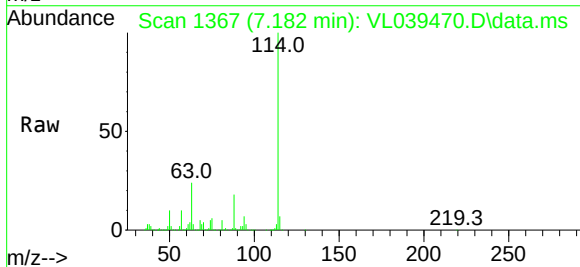
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0713ABL01

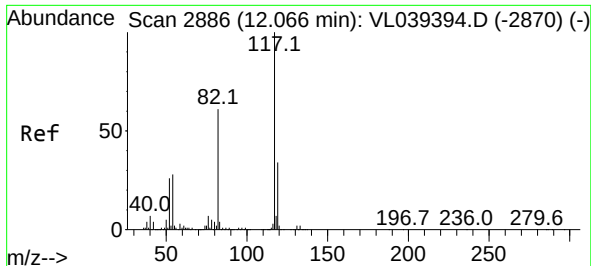
Tgt Ion: 49 Resp: 1260167
 Ion Ratio Lower Upper
 49 100
 128 53.4 26.7 80.0
 130 69.1 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.182 min Scan# 1367
 Delta R.T. 0.026 min
 Lab File: VL039470.D
 Acq: 13 Jul 2022 18:19

Tgt Ion: 114 Resp: 3533409
 Ion Ratio Lower Upper
 114 100
 63 25.3 20.2 30.4
 88 18.6 14.5 21.7

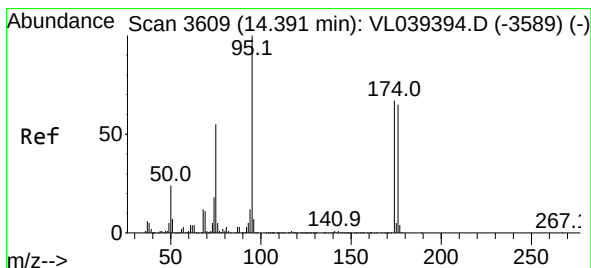
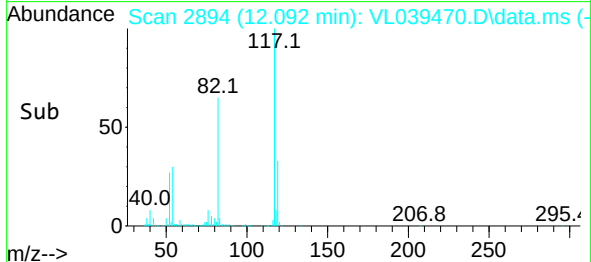
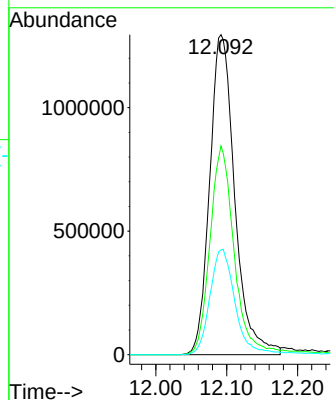
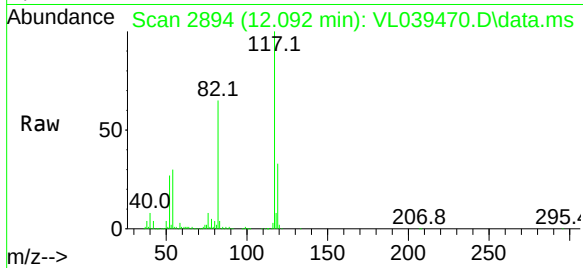




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL039470.D
Acq: 13 Jul 2022 18:19

Instrument :
MSVOA_1
ClientSampleId :
VL0713ABL01

Tgt Ion:117 Resp: 3179968
Ion Ratio Lower Upper
117 100
82 64.8 50.8 76.2
119 33.6 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.876 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.029 min
Lab File: VL039470.D
Acq: 13 Jul 2022 18:19

Tgt Ion: 95 Resp: 2329785
Ion Ratio Lower Upper
95 100
174 74.2 55.9 83.9
175 5.5 4.2 6.4

