

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039155.D
 Acq On : 3 Jun 2022 16:05
 Operator : SY/AP
 Sample : VL0603ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABL01

Quant Time: Jun 03 17:52:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1333041	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.188	114	3379819	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.098	117	2853253	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2328463	9.871	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

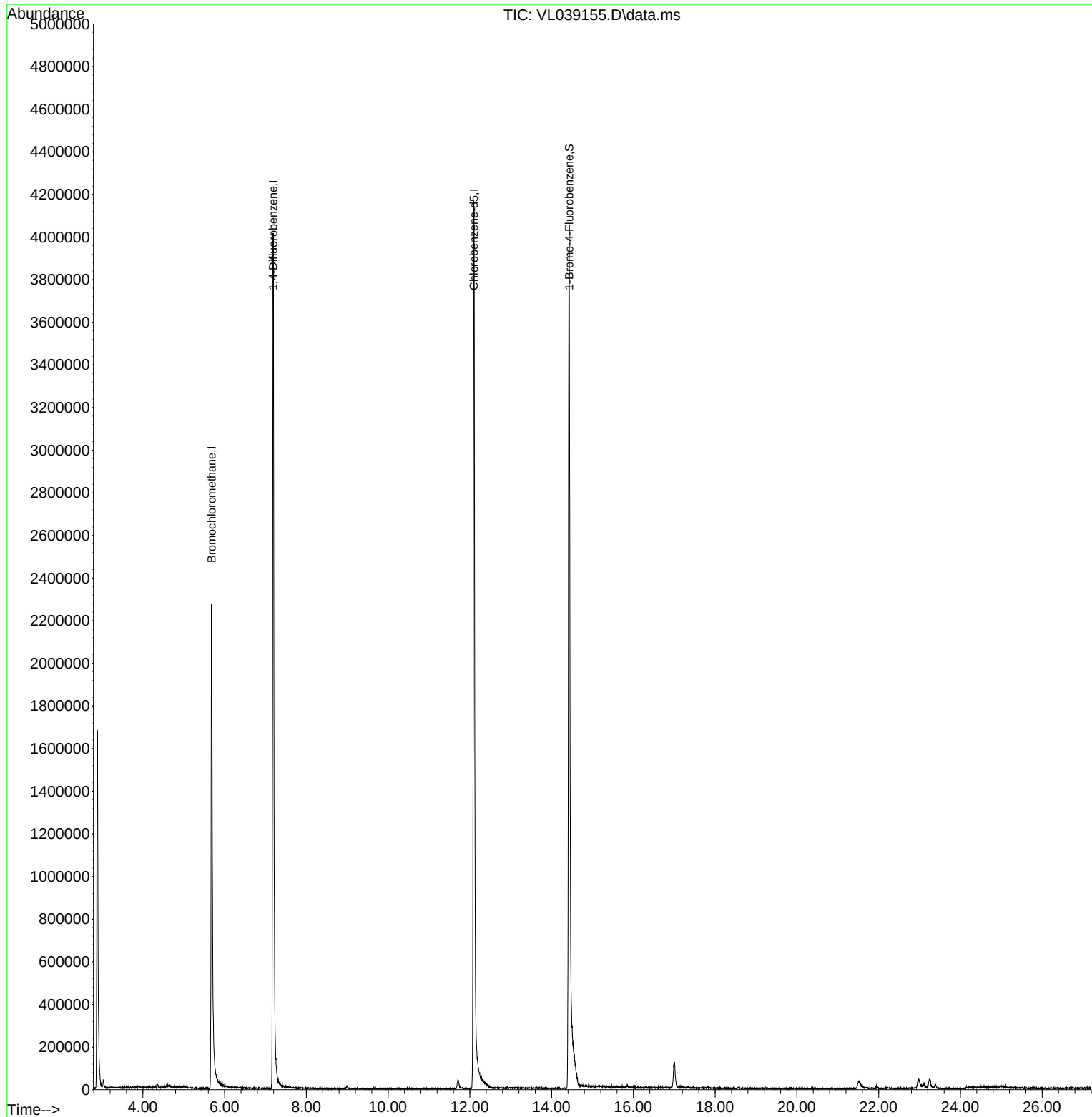
Target Compounds	Qvalue

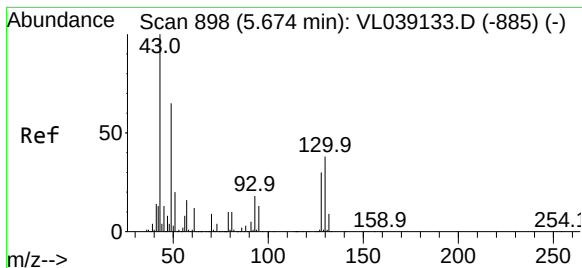
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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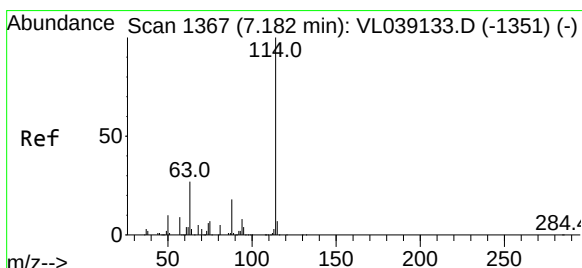
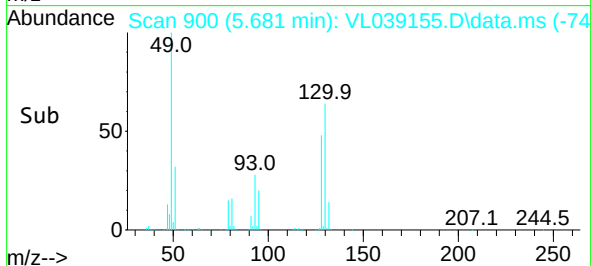
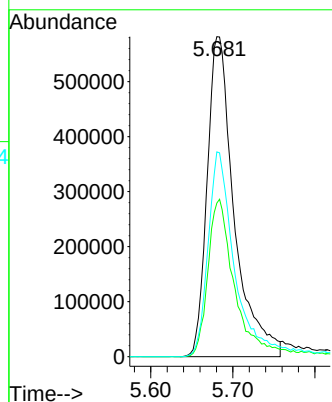
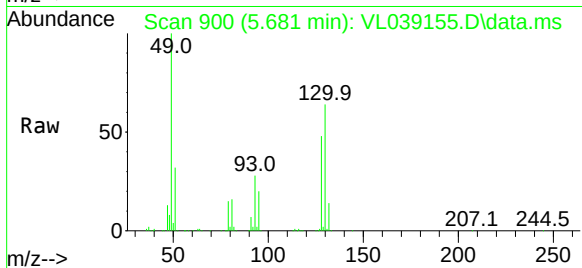




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.681 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL039155.D
 Acq: 3 Jun 2022 16:05

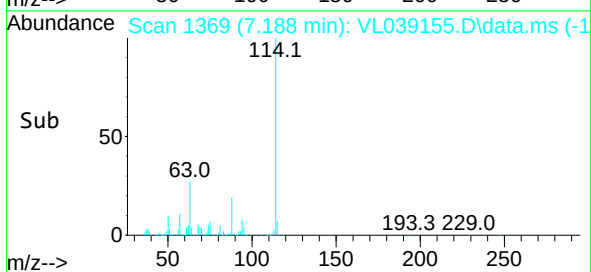
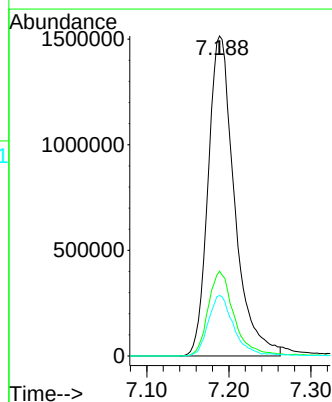
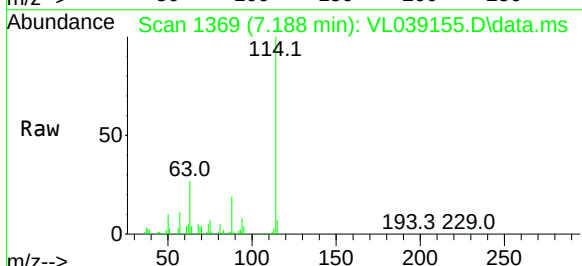
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABL01

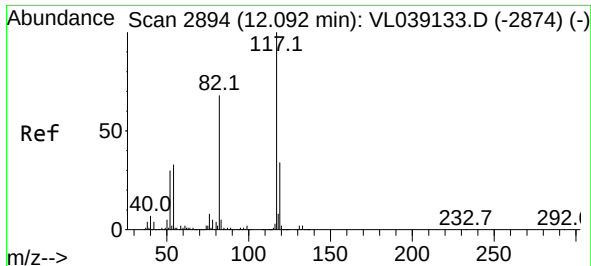
Tgt Ion: 49 Resp: 1333041
 Ion Ratio Lower Upper
 49 100
 128 51.1 24.7 74.1
 130 65.6 31.4 94.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.188 min Scan# 1369
 Delta R.T. 0.006 min
 Lab File: VL039155.D
 Acq: 3 Jun 2022 16:05

Tgt Ion: 114 Resp: 3379819
 Ion Ratio Lower Upper
 114 100
 63 26.5 21.7 32.5
 88 18.5 14.8 22.2

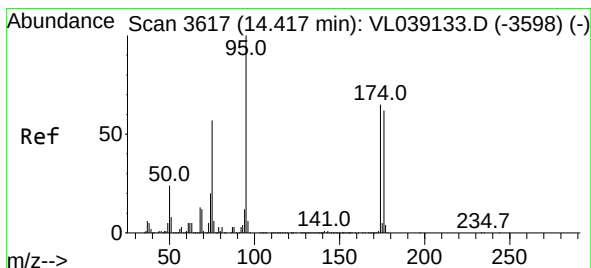
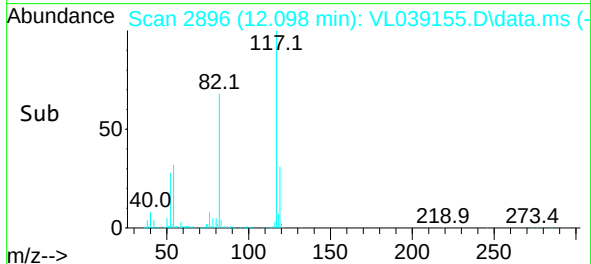
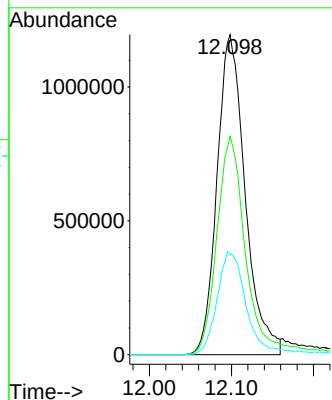
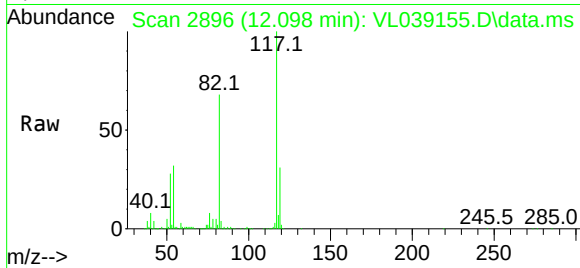




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039155.D
Acq: 3 Jun 2022 16:05

Instrument :
MSVOA_1
ClientSampleId :
VL0603ABL01

Tgt Ion:117 Resp: 2853253
Ion Ratio Lower Upper
117 100
82 72.7 55.1 82.7
119 34.5 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.871 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.013 min
Lab File: VL039155.D
Acq: 3 Jun 2022 16:05

Tgt Ion: 95 Resp: 2328463
Ion Ratio Lower Upper
95 100
174 68.3 53.8 80.8
175 4.8 4.1 6.1

