

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039069.D
 Acq On : 17 May 2022 13:50
 Operator : SY/AP
 Sample : VL0517ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0517ABL02

Quant Time: May 18 01:48:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	945694	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.189	114	2428972	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.098	117	2094022	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	1551322	9.355	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%

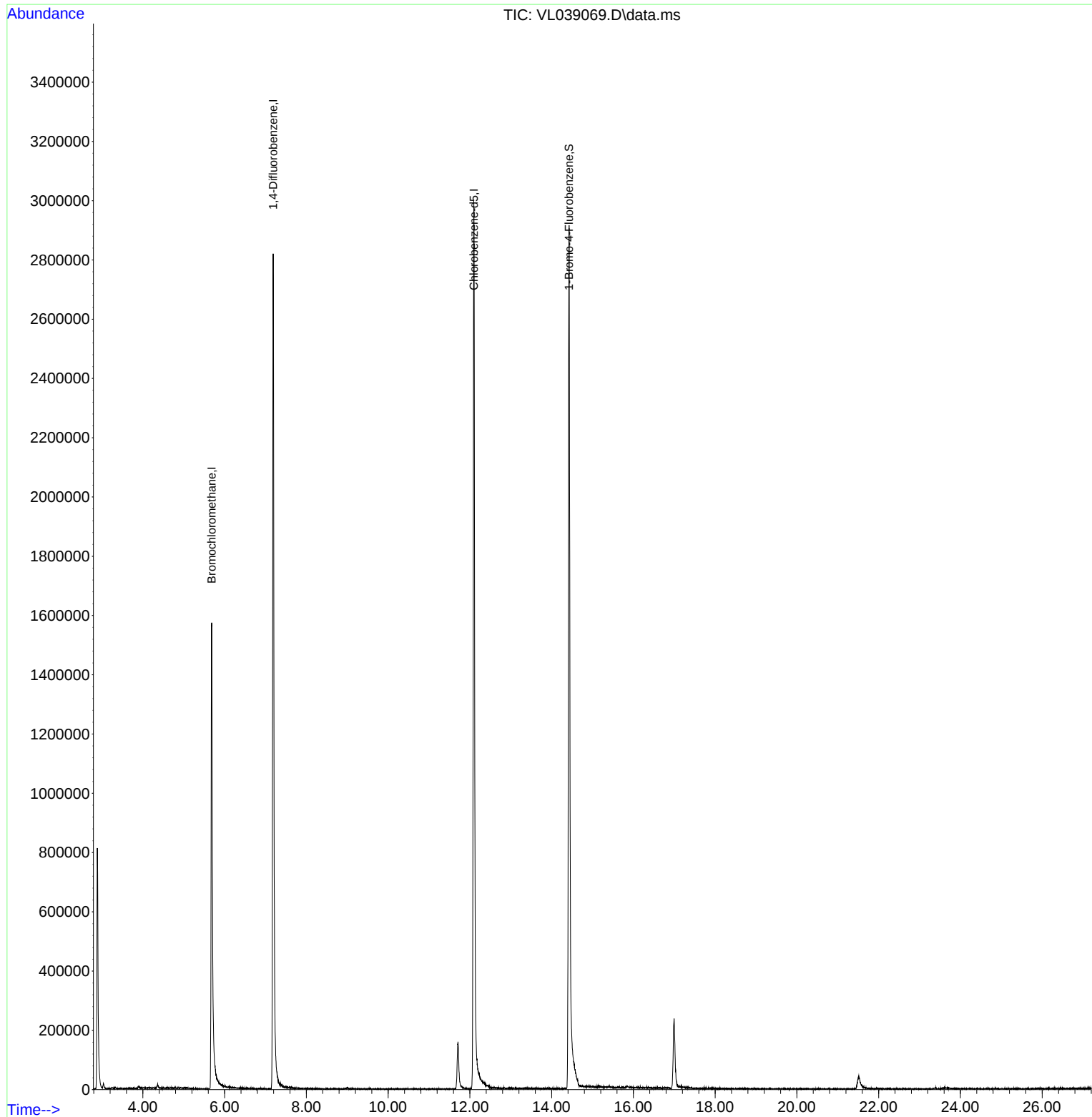
Target Compounds	Qvalue

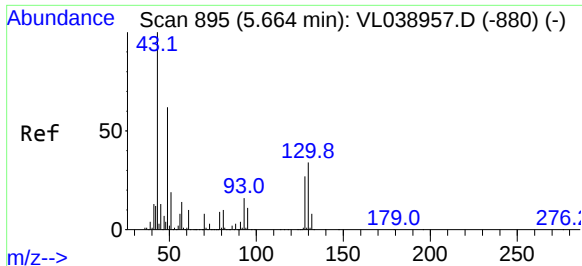
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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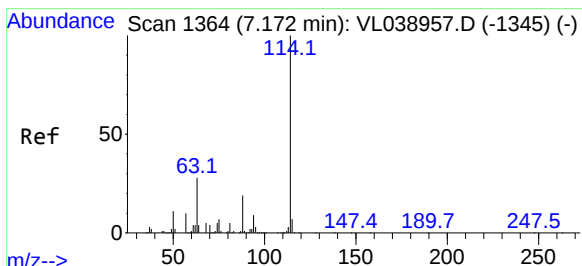
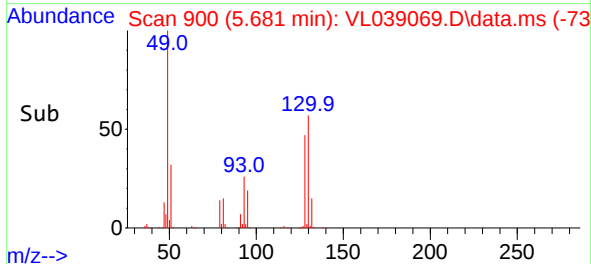
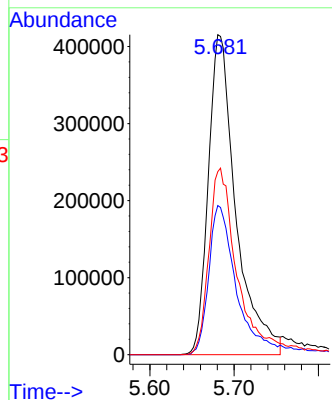
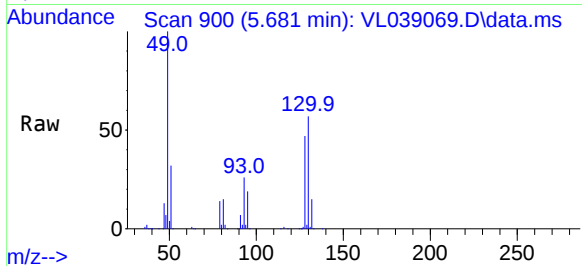




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

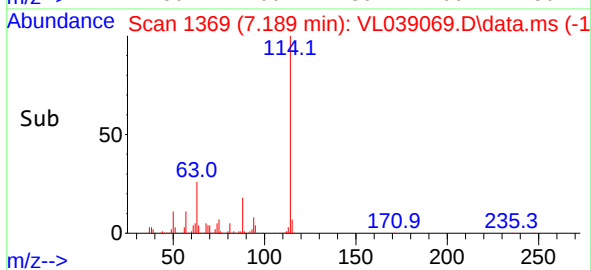
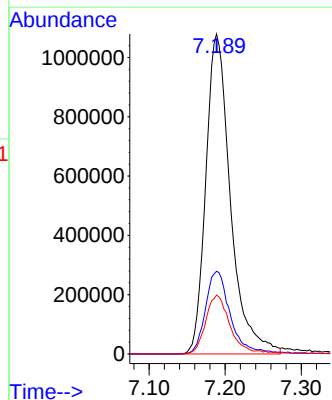
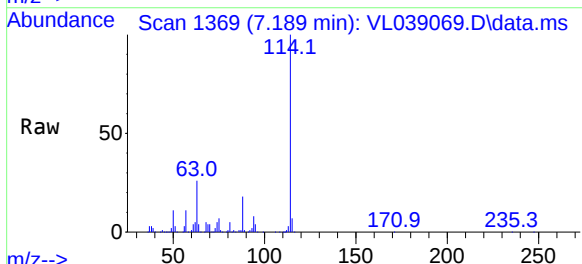
Instrument :
MSVOA_L
ClientSampleId :
VL0517ABL02

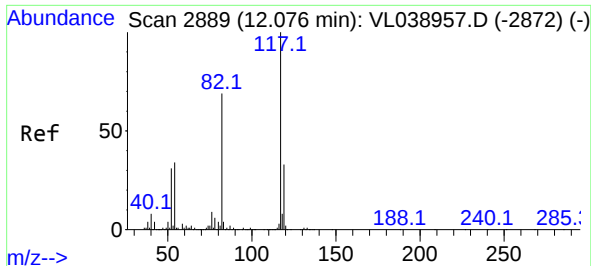
Tgt Ion: 49 Resp: 945694
Ion Ratio Lower Upper
49 100
128 49.7 23.3 69.8
130 63.2 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.016 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion:114 Resp: 2428972
Ion Ratio Lower Upper
114 100
63 26.6 22.6 33.8
88 18.6 15.4 23.0



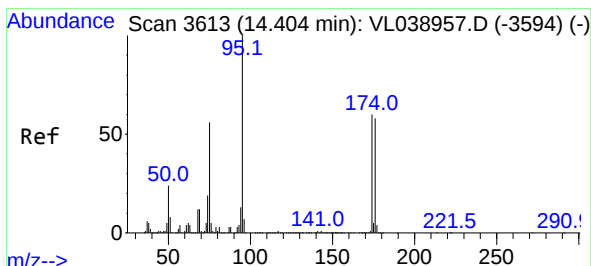
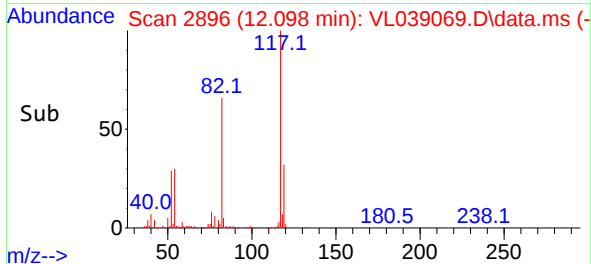
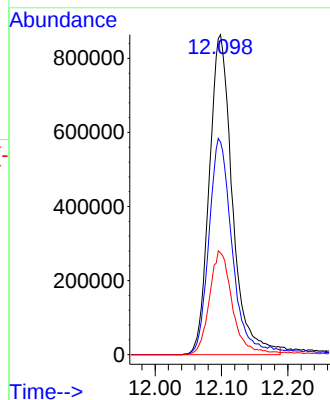
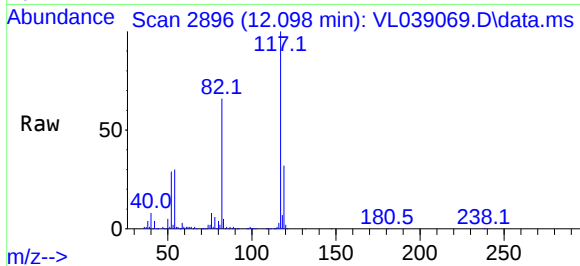


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.023 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Instrument :
MSVOA_1
ClientSampleId :
VL0517ABL02

Tgt Ion:117 Resp: 2094022

Ion	Ratio	Lower	Upper
117	100		
82	70.4	57.0	85.6
119	33.2	27.2	40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.355 ppbv
RT: 14.423 min Scan# 3619
Delta R.T. 0.019 min
Lab File: VL039069.D
Acq: 17 May 2022 13:50

Tgt Ion: 95 Resp: 1551322

Ion	Ratio	Lower	Upper
95	100		
174	67.7	50.8	76.2
175	4.8	3.8	5.6

