

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039112.D
 Acq On : 24 May 2022 9:48
 Operator : SY/AP
 Sample : QC052322 CAN 10279
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052322 CAN 10279

Quant Time: May 25 04:16:01 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	5.645	49	1178164	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	3022635	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.053	117	2580032	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.378	95	2005978	9.818	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

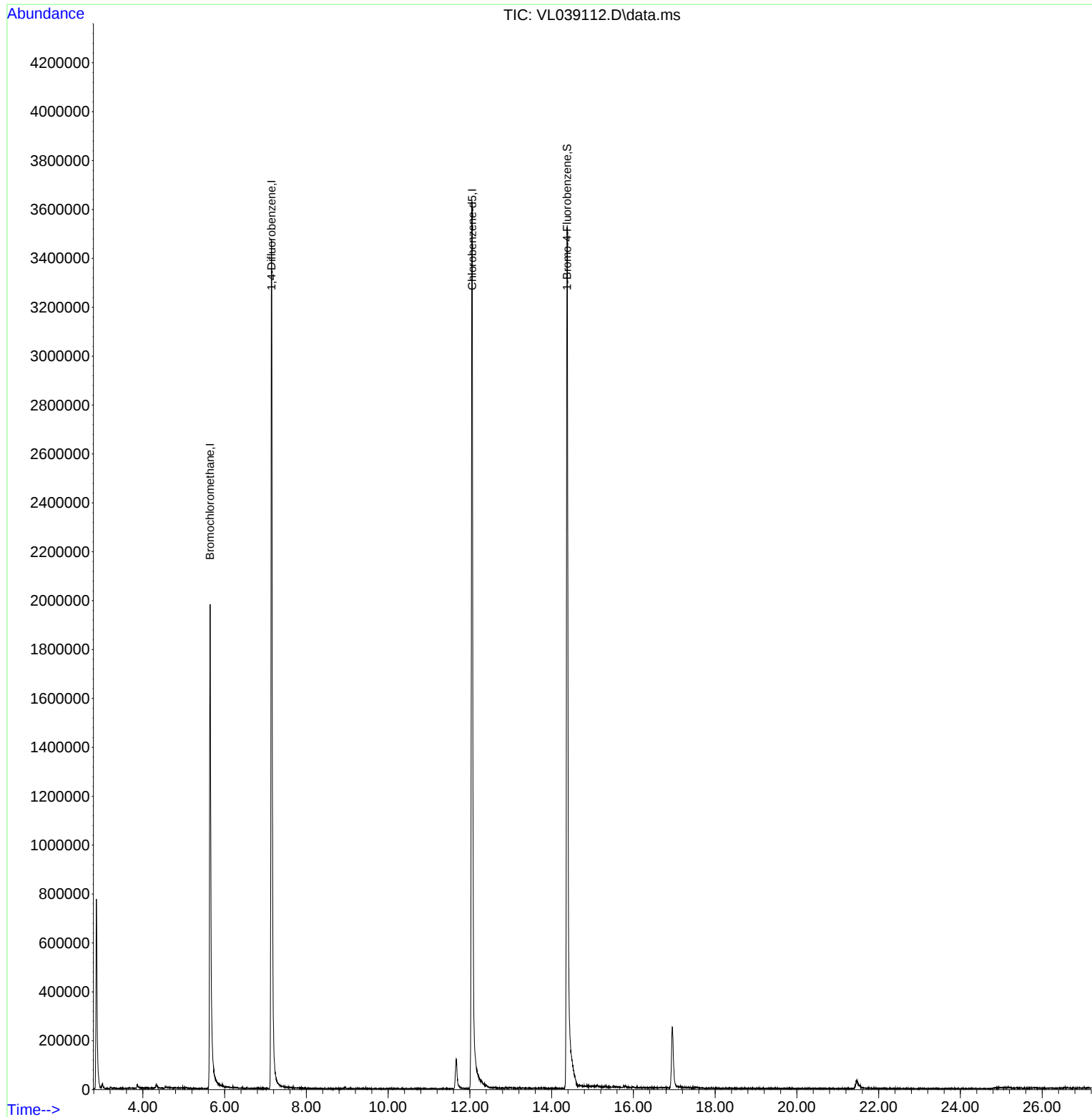
Target Compounds	Qvalue

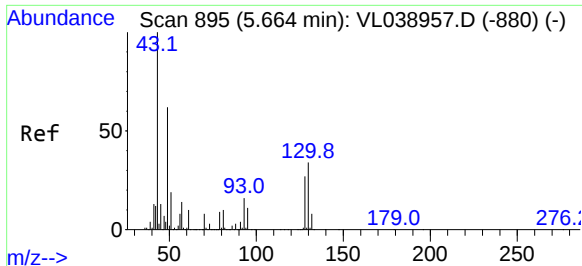
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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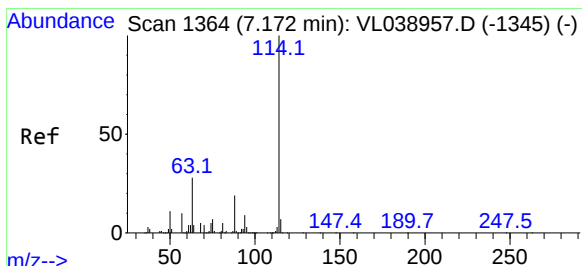
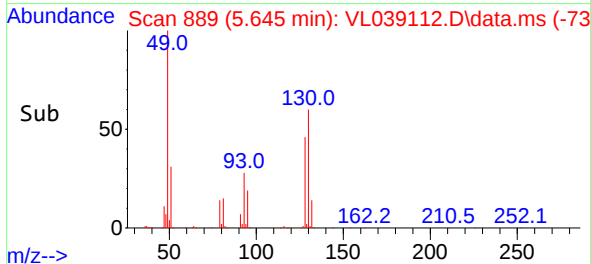
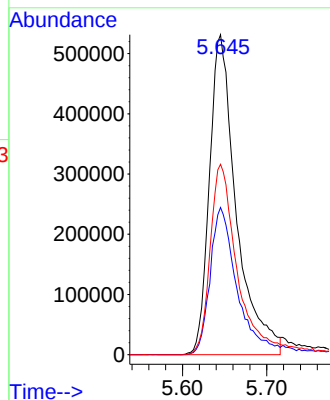
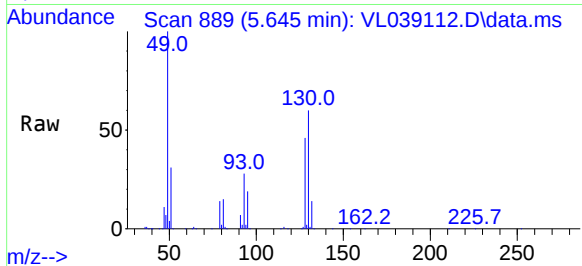


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039112.D
Acq: 24 May 2022 9:48

Instrument :
MSVOA_L
ClientSampleId :
QC052322 CAN 10279

Tgt Ion: 49 Resp: 1178164

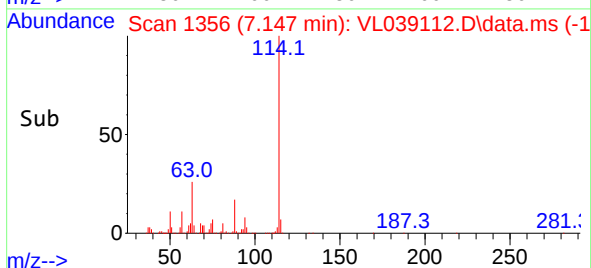
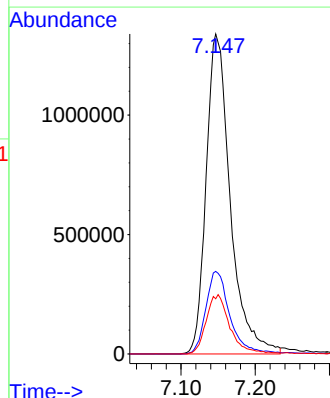
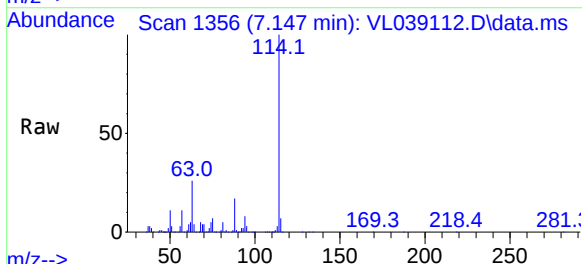
Ion	Ratio	Lower	Upper
49	100		
128	48.5	23.3	69.8
130	62.8	29.8	89.3

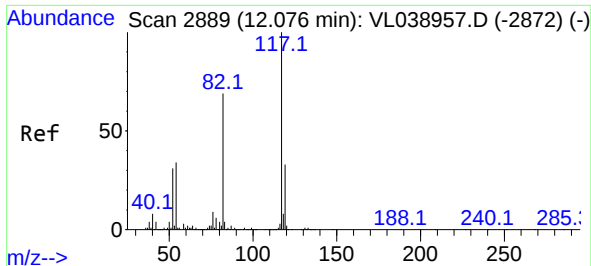


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. -0.026 min
Lab File: VL039112.D
Acq: 24 May 2022 9:48

Tgt Ion: 114 Resp: 3022635

Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.6	33.8
88	18.7	15.4	23.0



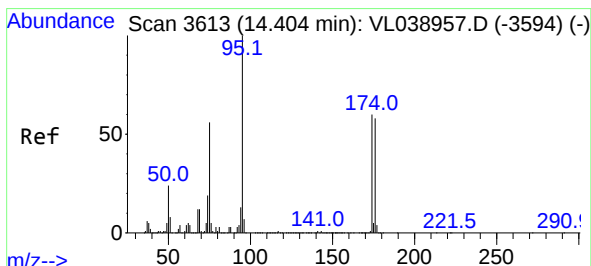
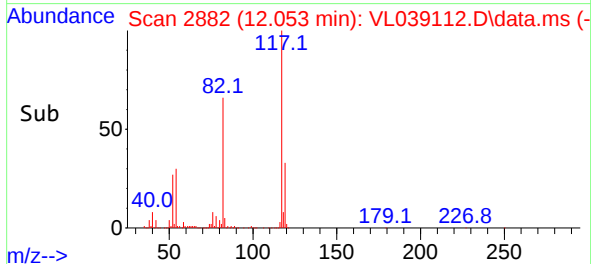
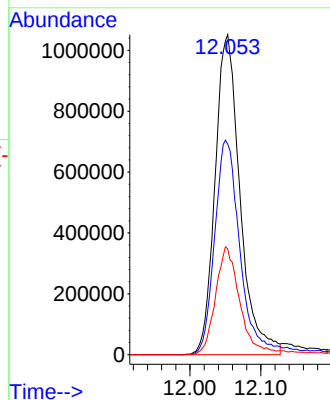
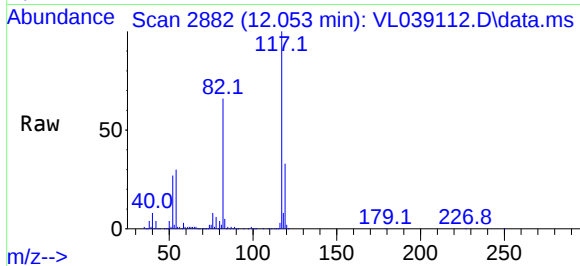


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039112.D
Acq: 24 May 2022 9:48

Instrument :
MSVOA_1
ClientSampleId :
QC052322 CAN 10279

Tgt Ion: 117 Resp: 2580032

Ion	Ratio	Lower	Upper
117	100		
82	70.9	57.0	85.6
119	34.4	27.2	40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.818 ppbv
RT: 14.378 min Scan# 3605
Delta R.T. -0.026 min
Lab File: VL039112.D
Acq: 24 May 2022 9:48

Tgt Ion: 95 Resp: 2005978

Ion	Ratio	Lower	Upper
95	100		
174	66.4	50.8	76.2
175	4.8	3.8	5.6

