

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038441.D
 Acq On : 25 Feb 2022 9:28
 Operator : SY/AP
 Sample : QC022422 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022422 CAN 10443

Quant Time: Feb 28 00:33:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	822702	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.172	114	1880873	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.079	117	1558117	10.000	ppbv	# 0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1242180	9.635	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

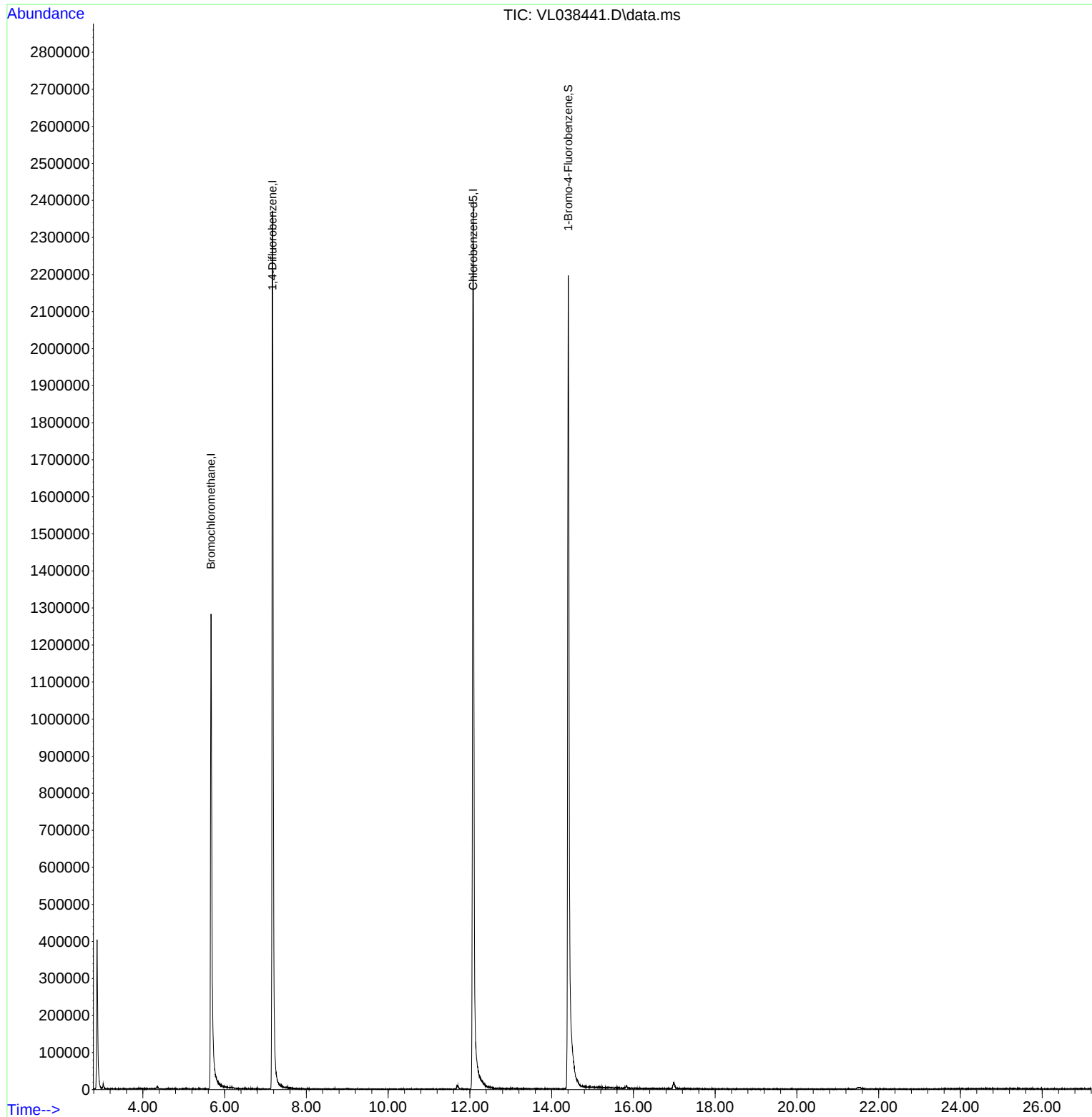
Target Compounds	Qvalue

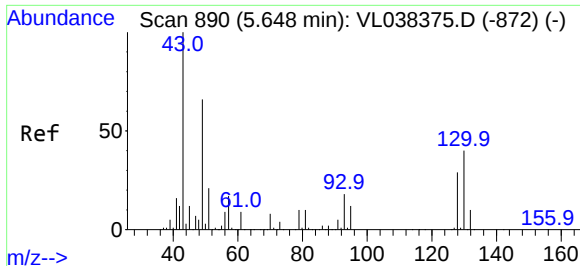
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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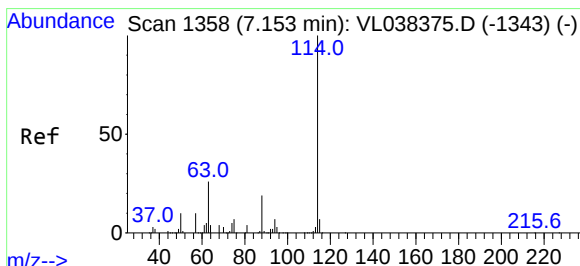
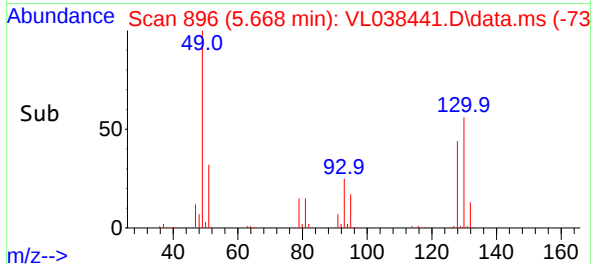
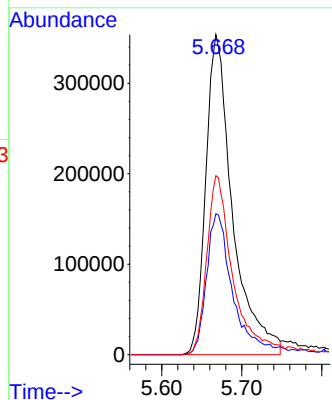
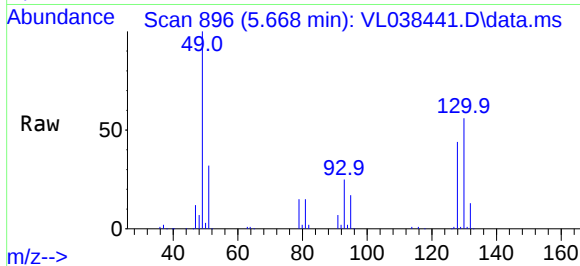




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.668 min Scan# 890
 Delta R.T. 0.019 min
 Lab File: VL038441.D
 Acq: 25 Feb 2022 9:28

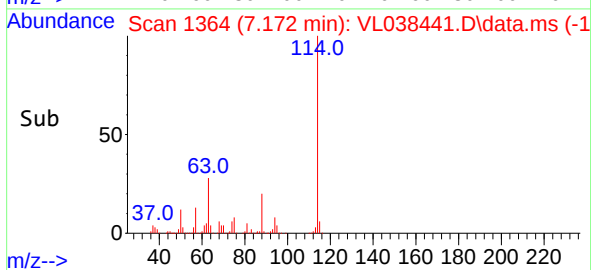
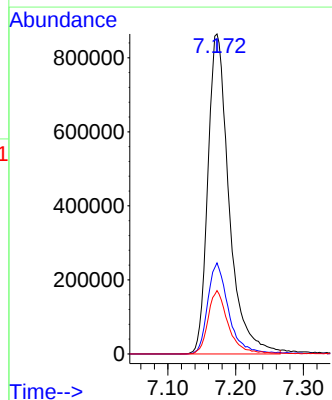
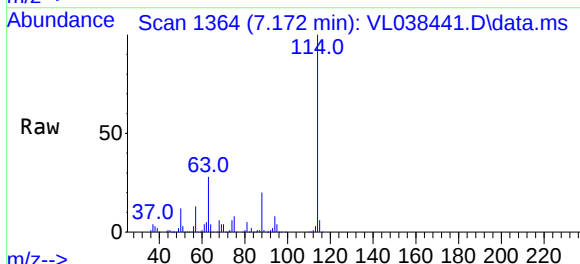
Instrument :
 MSVOA_L
 ClientSampleId :
 QC022422 CAN 10443

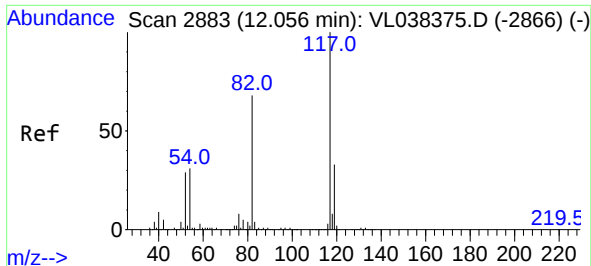
Tgt Ion: 49 Resp: 822702
 Ion Ratio Lower Upper
 49 100
 128 44.9 24.3 72.9
 130 57.0 30.1 90.5



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.172 min Scan# 1364
 Delta R.T. 0.019 min
 Lab File: VL038441.D
 Acq: 25 Feb 2022 9:28

Tgt Ion: 114 Resp: 1880873
 Ion Ratio Lower Upper
 114 100
 63 28.6 22.2 33.2
 88 19.0 15.2 22.8

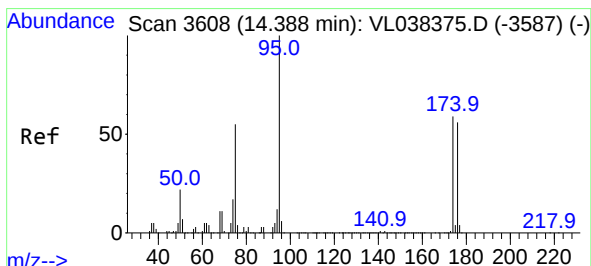
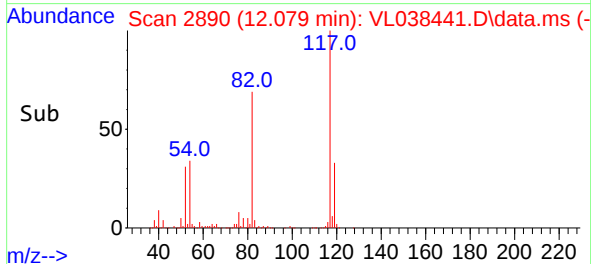
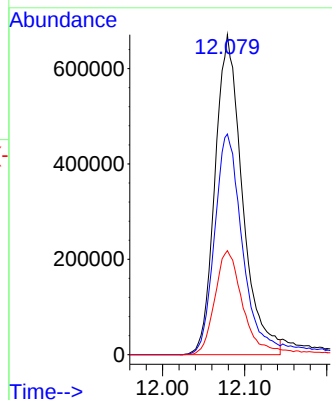
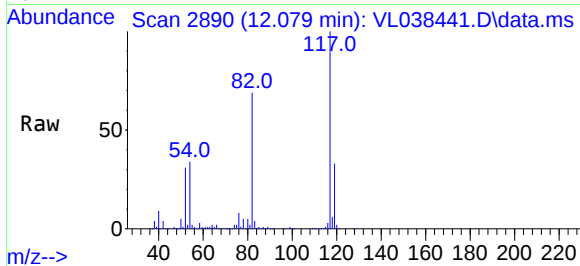




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL038441.D
Acq: 25 Feb 2022 9:28

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 1558117
Ion Ratio Lower Upper
117 100
82 76.1 54.9 82.3
119 35.2 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.635 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. 0.019 min
Lab File: VL038441.D
Acq: 25 Feb 2022 9:28

Tgt Ion: 95 Resp: 1242180
Ion Ratio Lower Upper
95 100
174 61.9 49.0 73.4
175 4.1 3.6 5.4

