

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038440.D
 Acq On : 25 Feb 2022 8:50
 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 00:30:46 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	5.664	49	831622	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.169	114	1948095	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.076	117	1628190	10.000	ppbv	# 0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	1284566	9.535	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%

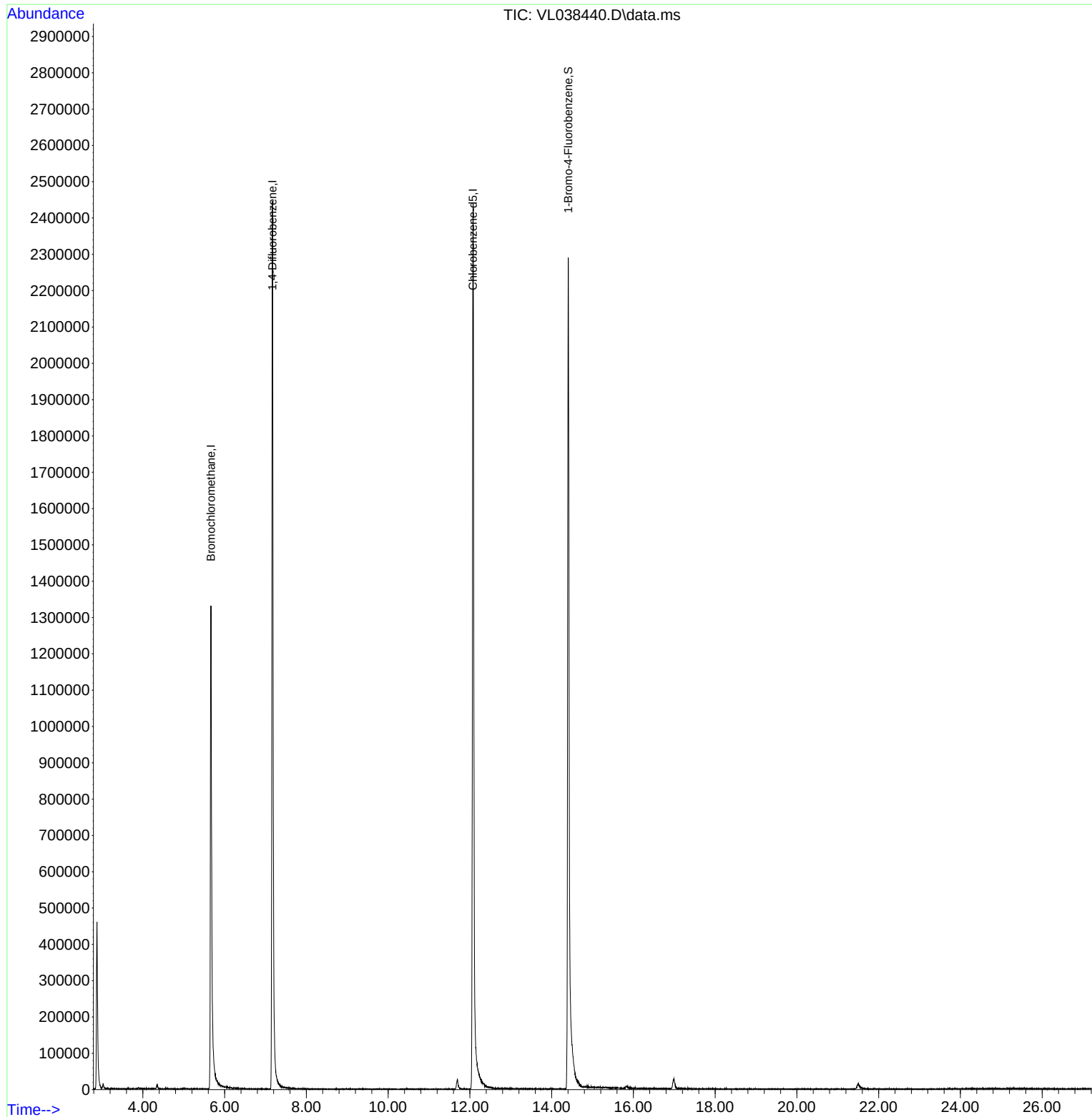
Target Compounds	Qvalue

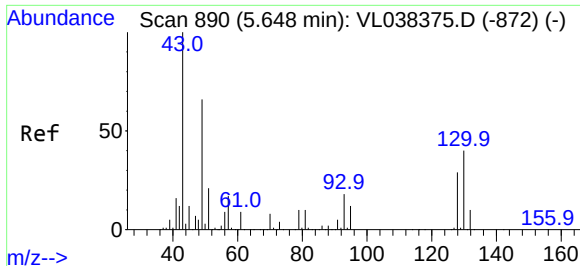
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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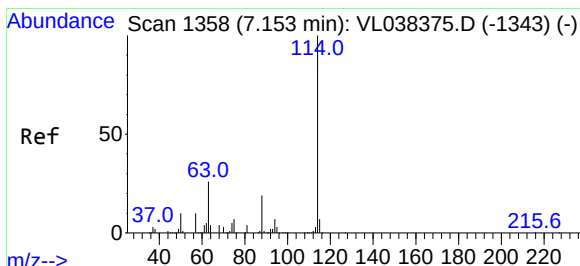
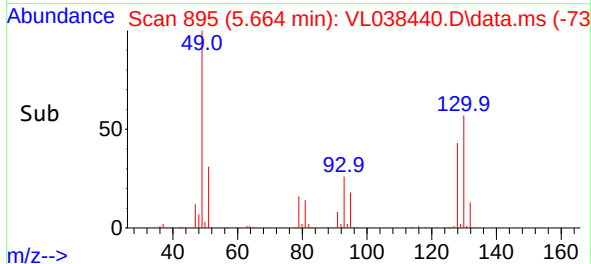
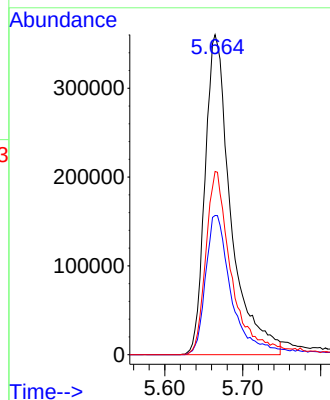
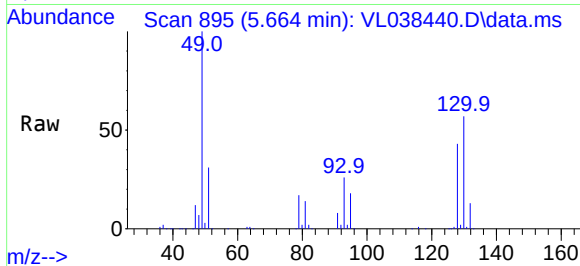




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 890
Delta R.T. 0.016 min
Lab File: VL038440.D
Acq: 25 Feb 2022 8:50

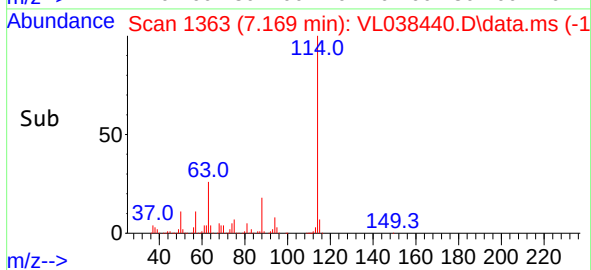
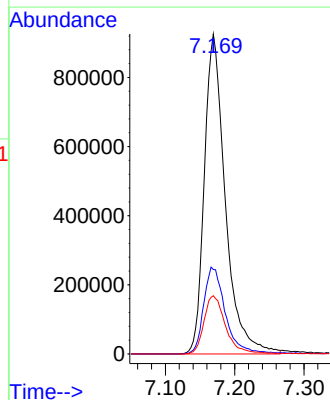
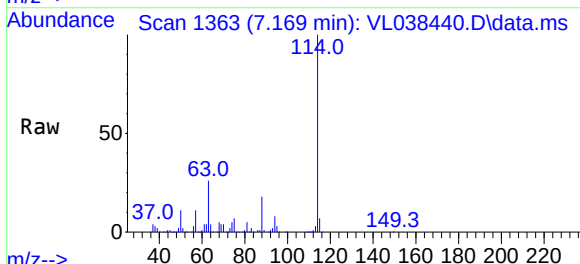
Instrument :
MSVOA_L
ClientSampleId :
QC022422 CAN 10443

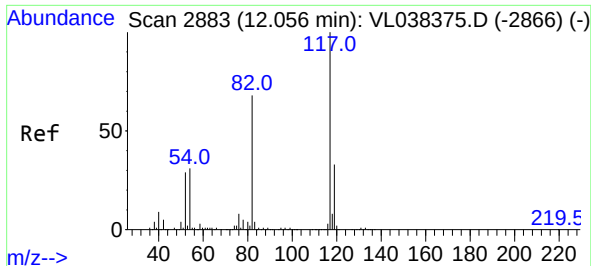
Tgt Ion: 49 Resp: 831622
Ion Ratio Lower Upper
49 100
128 45.8 24.3 72.9
130 58.9 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. 0.016 min
Lab File: VL038440.D
Acq: 25 Feb 2022 8:50

Tgt Ion: 114 Resp: 1948095
Ion Ratio Lower Upper
114 100
63 28.4 22.2 33.2
88 18.9 15.2 22.8

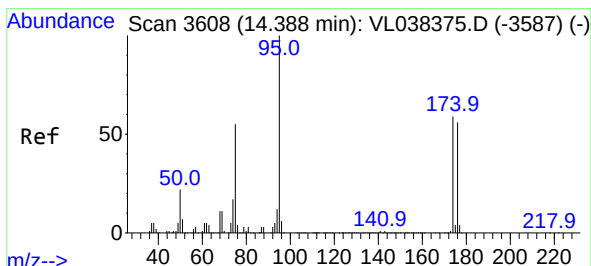
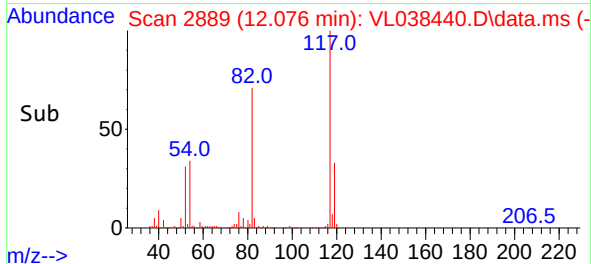
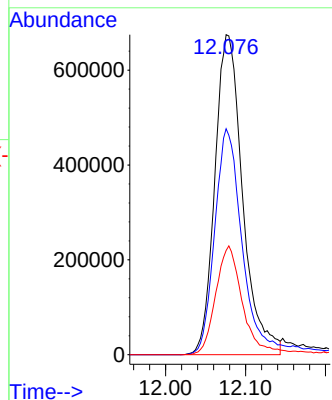
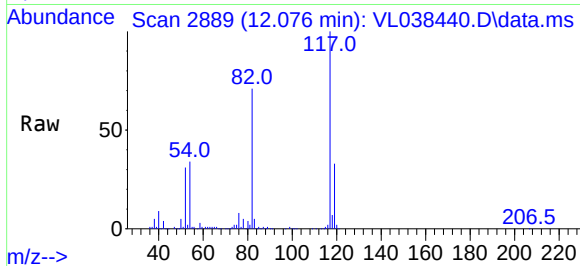




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL038440.D
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Tgt Ion:117 Resp: 1628190
Ion Ratio Lower Upper
117 100
82 74.1 54.9 82.3
119 34.0 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.535 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. 0.019 min
Lab File: VL038440.D
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Tgt Ion: 95 Resp: 1284566
Ion Ratio Lower Upper
95 100
174 61.1 49.0 73.4
175 4.2 3.6 5.4

