

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038448.D
 Acq On : 1 Mar 2022 12:58
 Operator : SY/AP
 Sample : QC022822 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022822 CAN 10158

Quant Time: Mar 02 03:04:51 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	5.665	49	837172	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.166	114	1914310	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.073	117	1619694	10.000	ppbv	# 0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1296405	9.674	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%

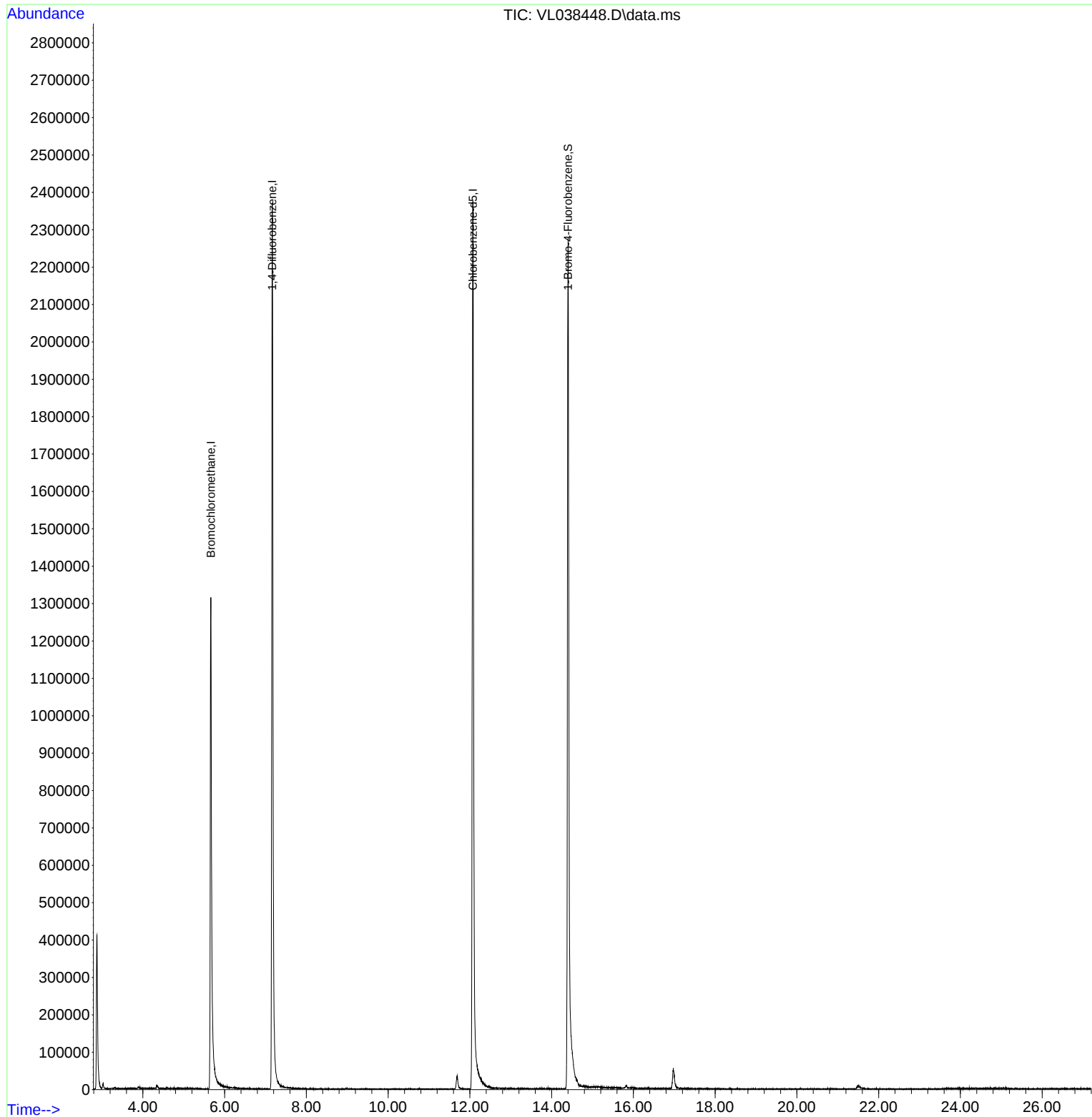
Target Compounds	Qvalue

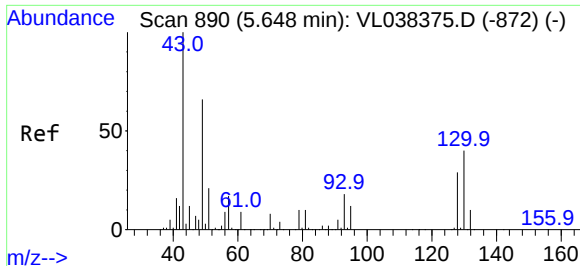
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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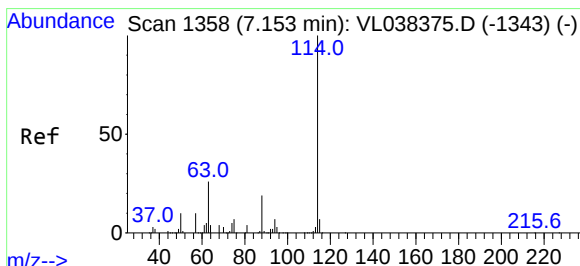
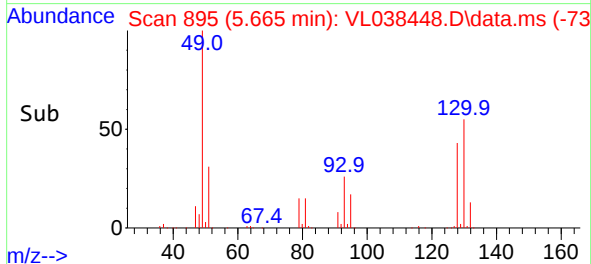
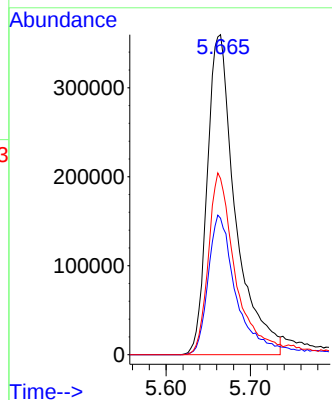
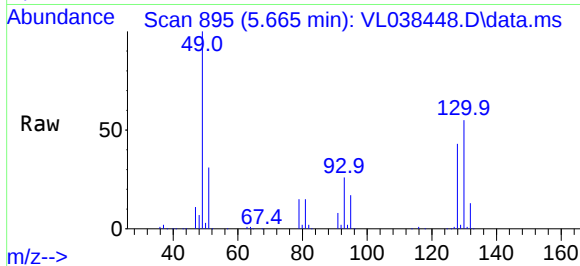




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.665 min Scan# 890
 Delta R.T. 0.016 min
 Lab File: VL038448.D
 Acq: 1 Mar 2022 12:58

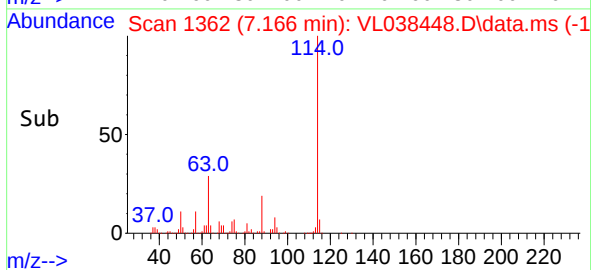
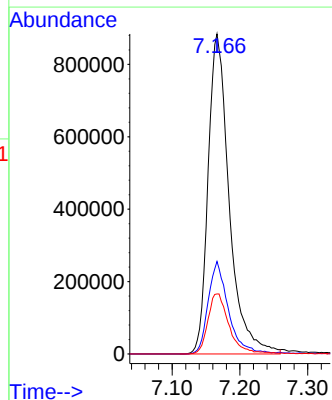
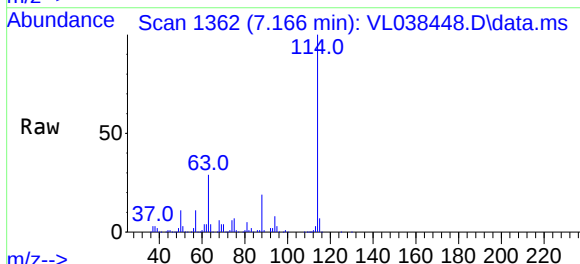
Instrument :
 MSVOA_L
 ClientSampleId :
 QC022822 CAN 10158

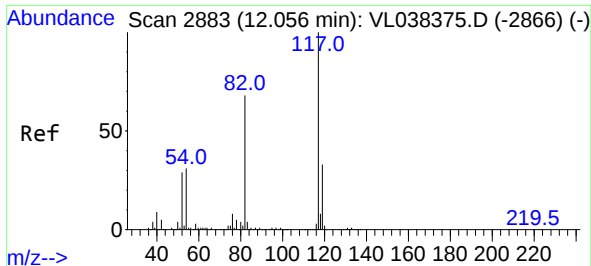
Tgt Ion: 49 Resp: 837172
 Ion Ratio Lower Upper
 49 100
 128 45.6 24.3 72.9
 130 58.6 30.1 90.5



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.166 min Scan# 1362
 Delta R.T. 0.013 min
 Lab File: VL038448.D
 Acq: 1 Mar 2022 12:58

Tgt Ion: 114 Resp: 1914310
 Ion Ratio Lower Upper
 114 100
 63 28.2 22.2 33.2
 88 19.2 15.2 22.8

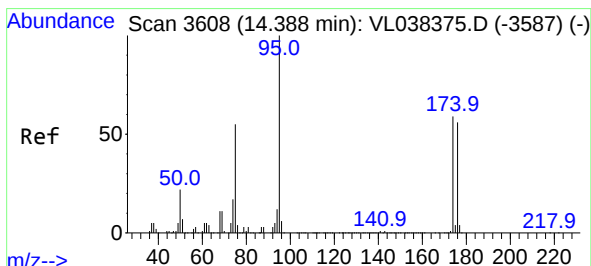
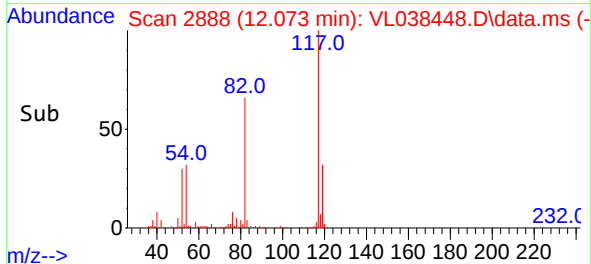
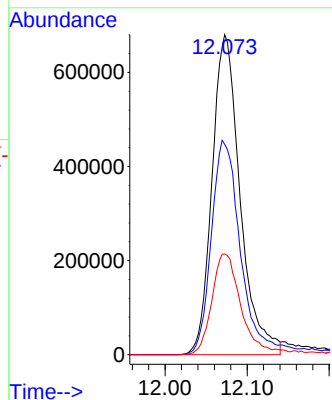
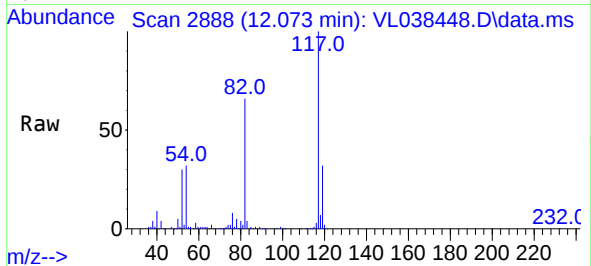




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038448.D
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Instrument :
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Tgt Ion:117 Resp: 1619694
Ion Ratio Lower Upper
117 100
82 73.6 54.9 82.3
119 34.4 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.674 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. 0.016 min
Lab File: VL038448.D
Acq: 1 Mar 2022 12:58

Tgt Ion: 95 Resp: 1296405
Ion Ratio Lower Upper
95 100
174 59.7 49.0 73.4
175 4.1 3.6 5.4

