

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030122\
 Data File : VL038445.D
 Acq On : 1 Mar 2022 10:53
 Operator : SY/AP
 Sample : VL0301ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0301ABL01

Quant Time: Mar 02 03:03:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.655	49	838268	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	1914871	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	1656666	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	1234676	9.007	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.100%

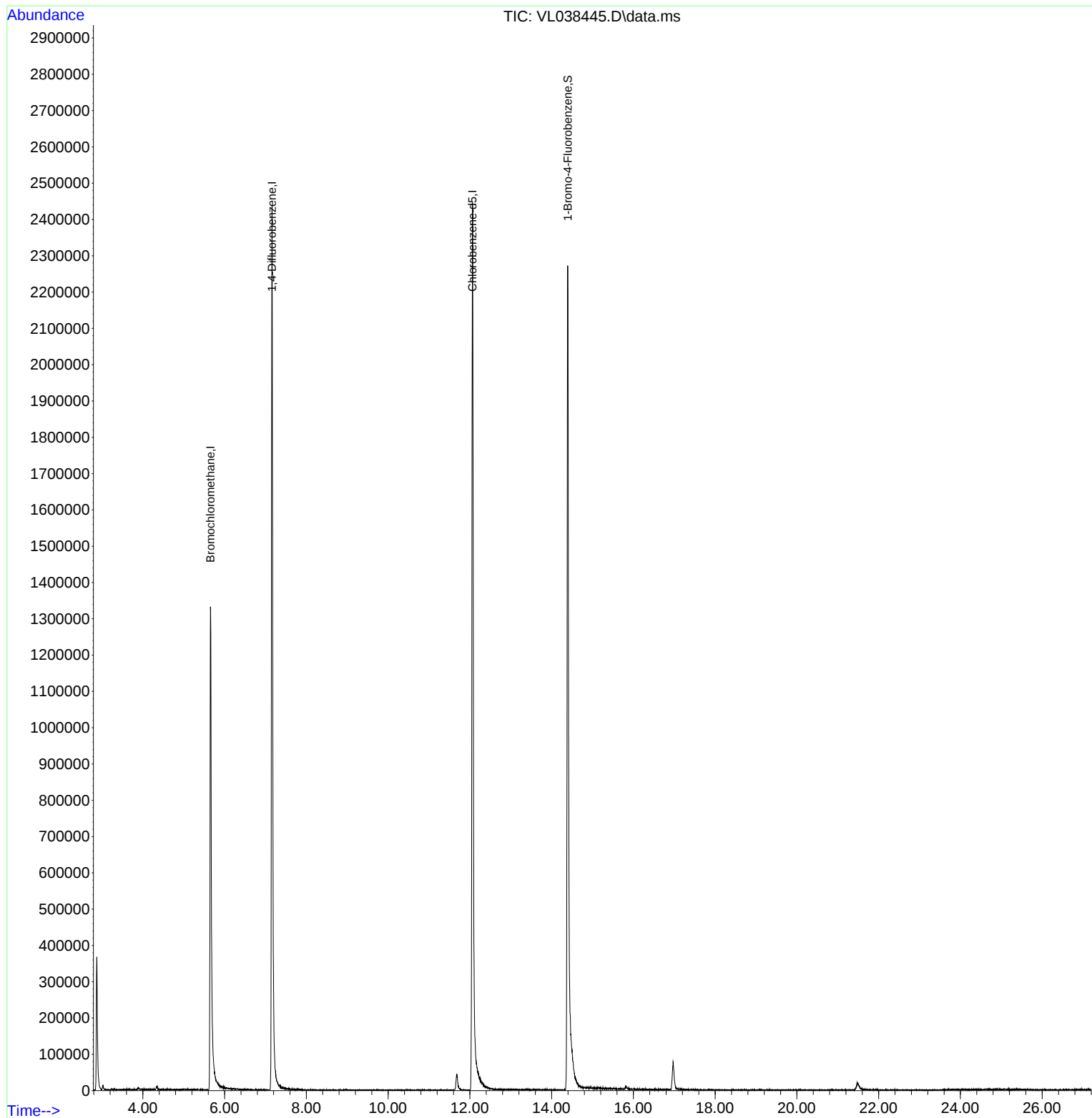
Target Compounds	Qvalue

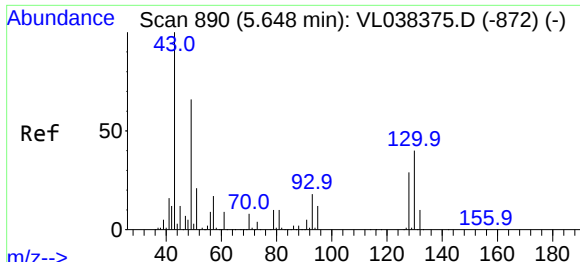
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABL01

Quant Time: Mar 02 03:03:48 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

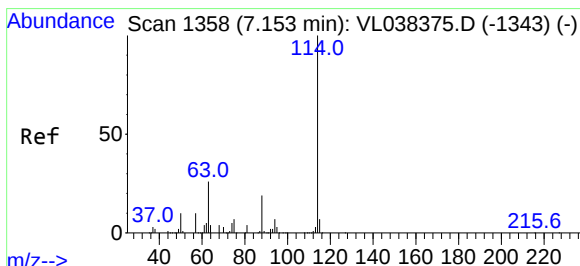
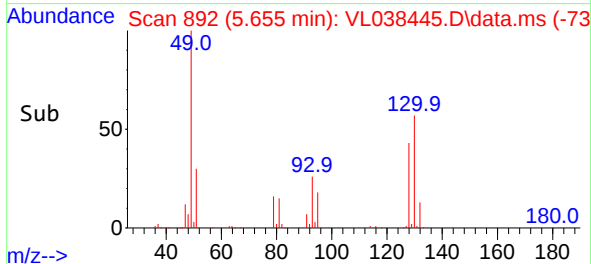
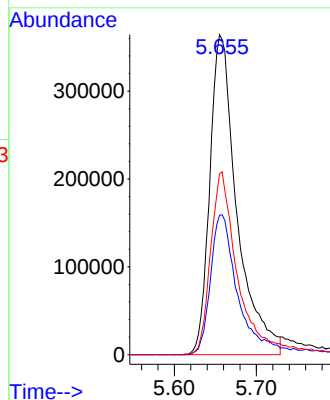
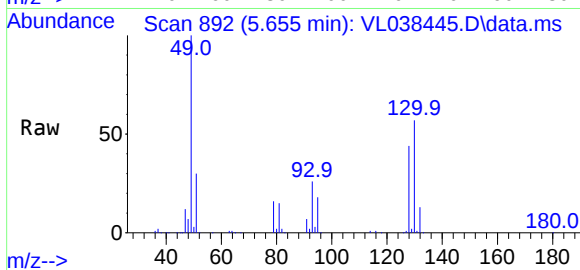




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 890
Delta R.T. 0.007 min
Lab File: VL038445.D
Acq: 1 Mar 2022 10:53

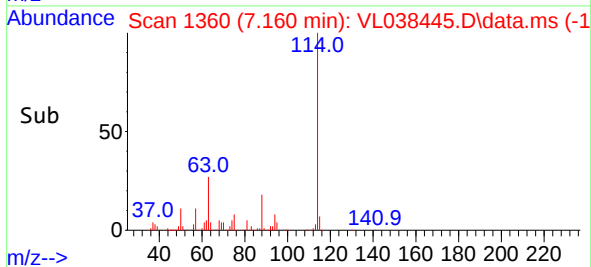
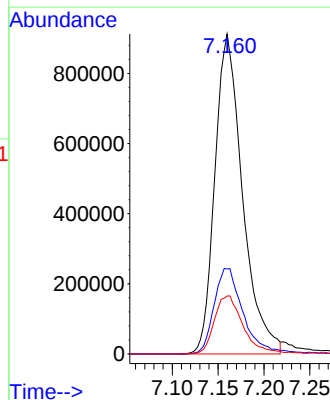
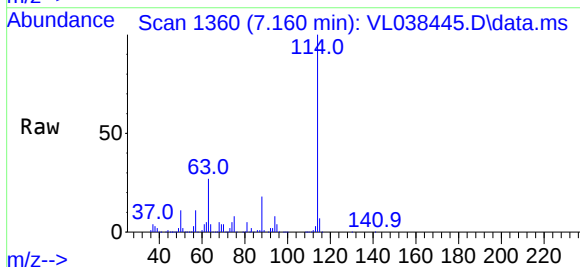
Instrument :
MSVOA_L
ClientSampleId :
VL0301ABL01

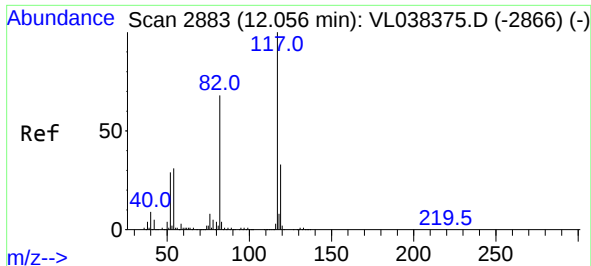
Tgt Ion: 49 Resp: 838268
Ion Ratio Lower Upper
49 100
128 47.1 24.3 72.9
130 59.4 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. 0.007 min
Lab File: VL038445.D
Acq: 1 Mar 2022 10:53

Tgt Ion: 114 Resp: 1914871
Ion Ratio Lower Upper
114 100
63 28.7 22.2 33.2
88 19.2 15.2 22.8

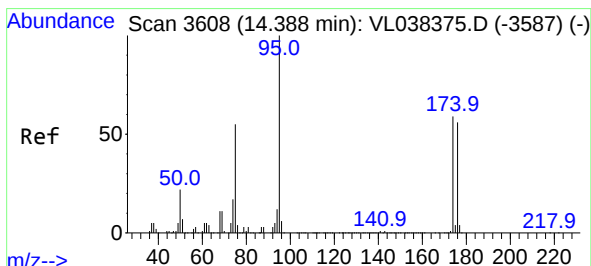
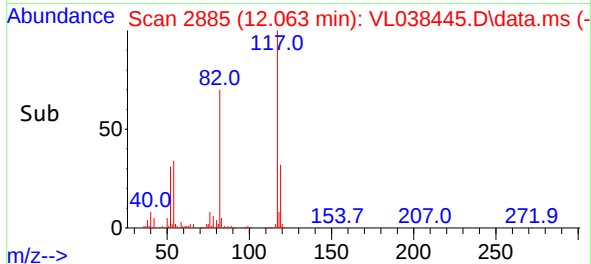
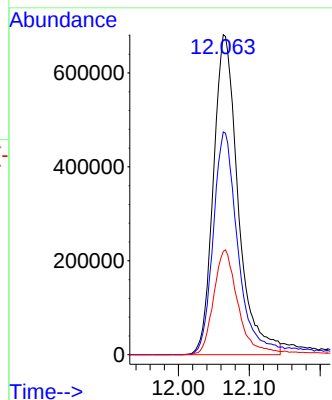
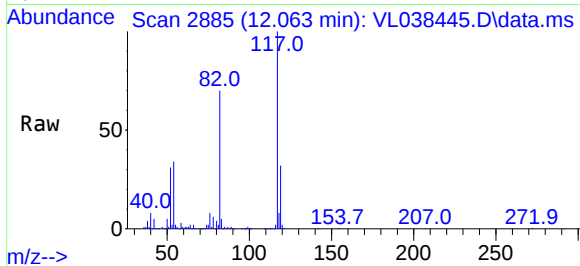




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL038445.D
Acq: 1 Mar 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VL0301ABL01

Tgt Ion:117 Resp: 1656666
Ion Ratio Lower Upper
117 100
82 74.4 54.9 82.3
119 33.7 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.007 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. 0.007 min
Lab File: VL038445.D
Acq: 1 Mar 2022 10:53

Tgt Ion: 95 Resp: 1234676
Ion Ratio Lower Upper
95 100
174 64.4 49.0 73.4
175 4.6 3.6 5.4

