

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038406.D
Acq On : 23 Feb 2022 12:44
Operator : SY/AP
Sample : VL0223ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABL01

Quant Time: Feb 24 07:25:03 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	972286	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2280176	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1938345	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1576697	9.83	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

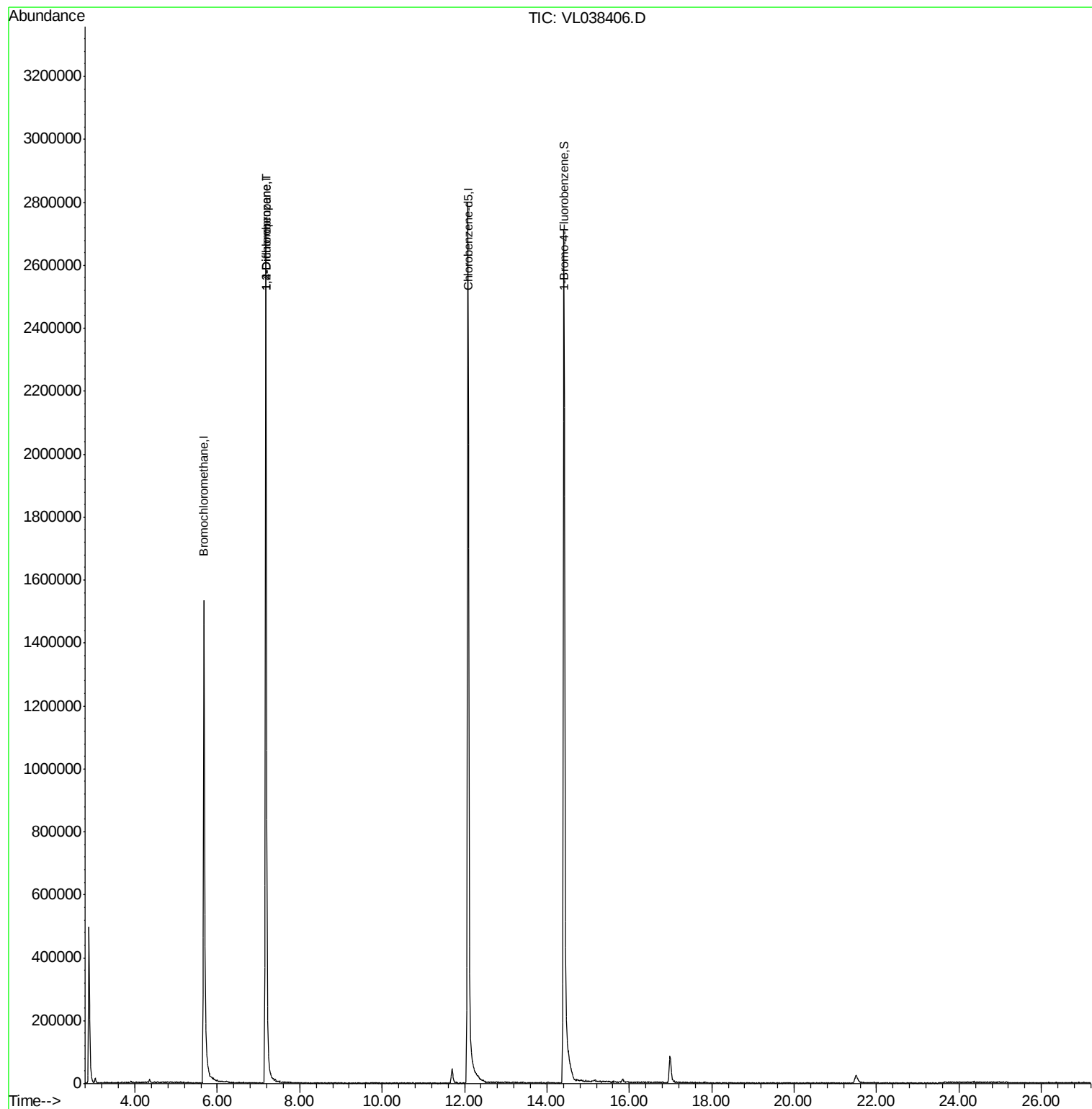
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) 1,2-Dichloropropane	7.18	63	617286	7.72	ppbv	# 25

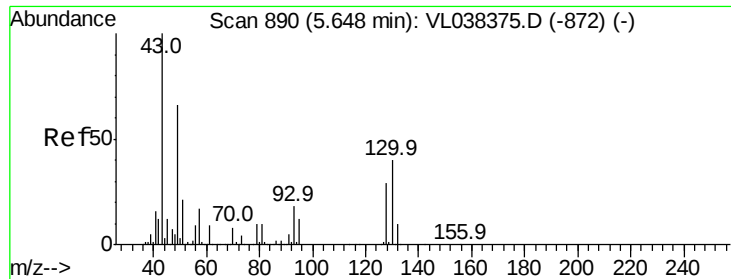
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038406.D
Acq On : 23 Feb 2022 12:44
Operator : SY/AP
Sample : VL0223ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABL01

Quant Time: Feb 24 07:25:03 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.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: 10.00 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Feb 2022 12:44

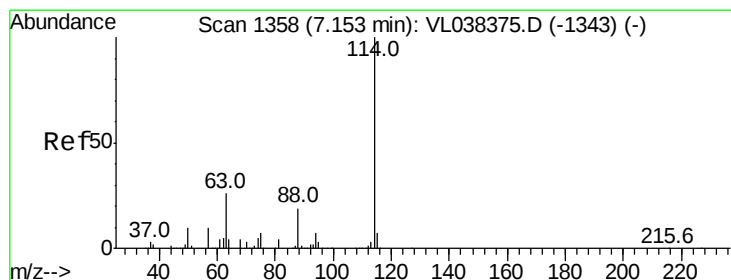
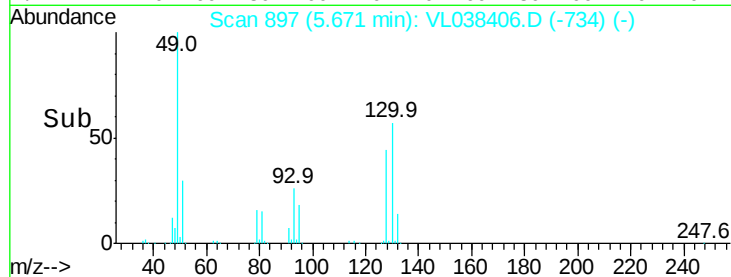
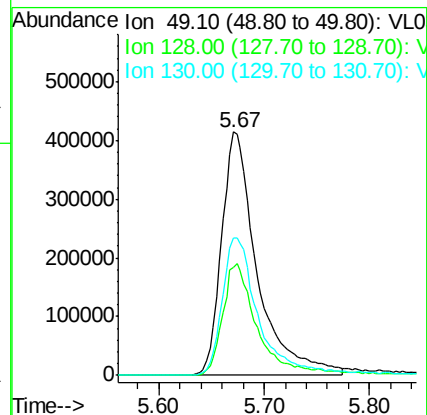
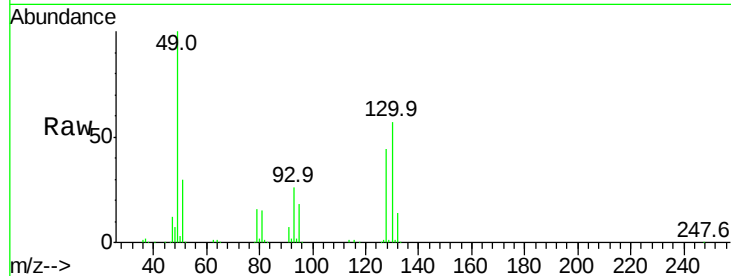
Tgt Ion: 49 Resp: 972286

Ion Ratio Lower Upper

49 100

128 46.4 24.3 72.9

130 59.6 30.1 90.5



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.03 min

Lab File: VL038406.D

Acq: 23 Feb 2022 12:44

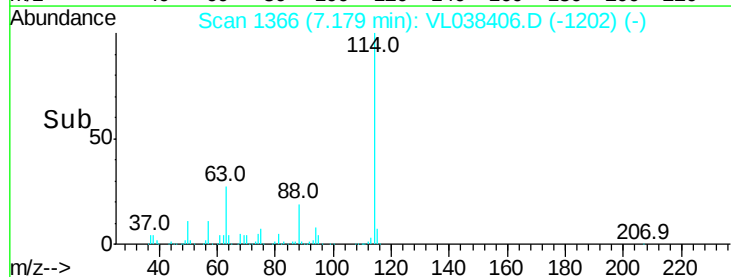
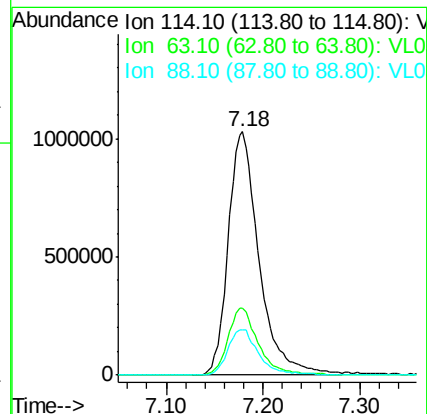
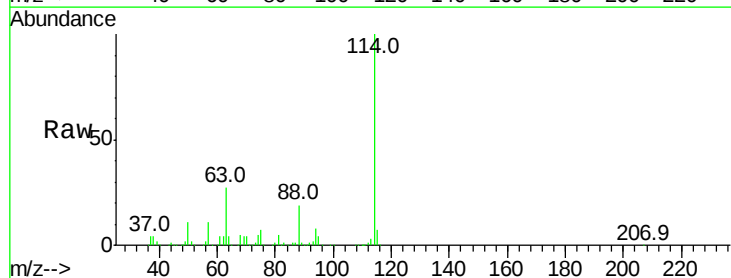
Tgt Ion: 114 Resp: 2280176

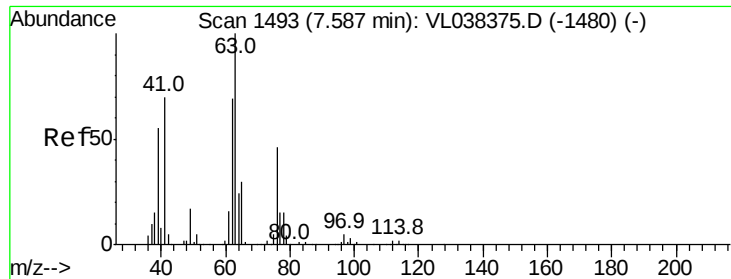
Ion Ratio Lower Upper

114 100

63 27.5 22.2 33.2

88 19.1 15.2 22.8





#39

1,2-Dichloropropane

Concen: 7.72 ppbv

RT: 7.18

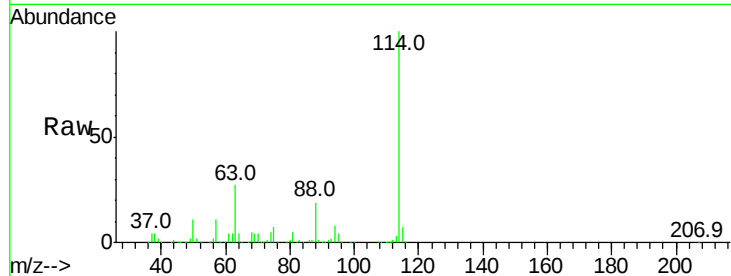
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL0223ABL01

Acq: 23 Feb 2022 12:44

Tgt Ion: 63 Resp: 617286

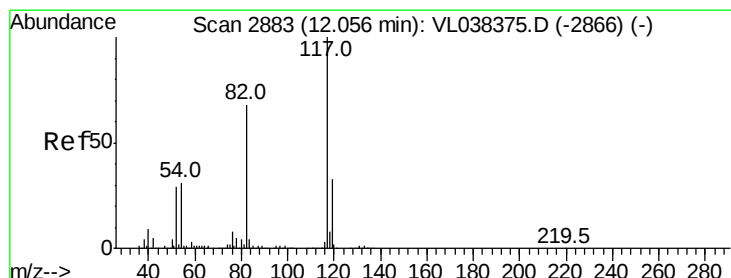
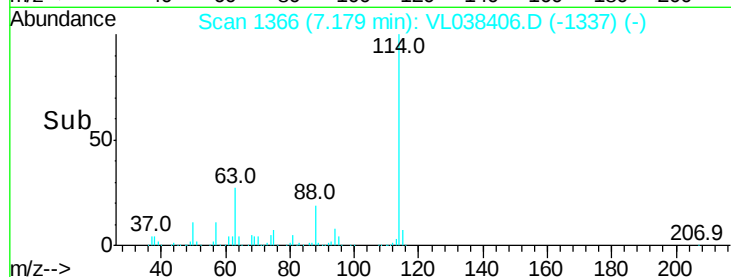
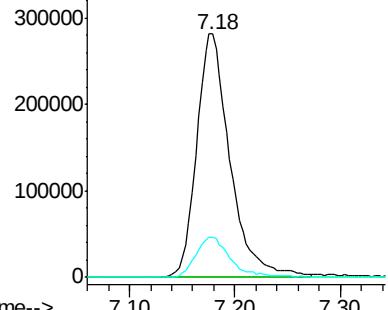
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	16.4	55.5	83.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09 min Scan# 2892

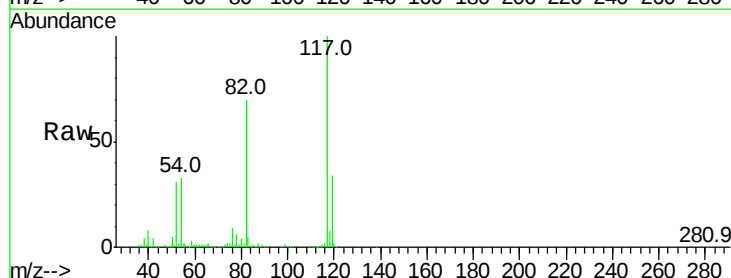
Delta R.T. 0.03 min

Lab File: VL038406.D

Acq: 23 Feb 2022 12:44

Tgt Ion: 117 Resp: 1938345

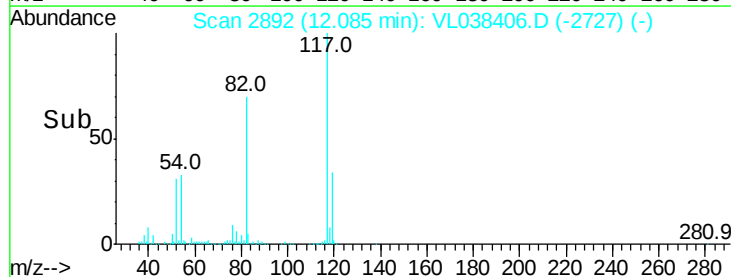
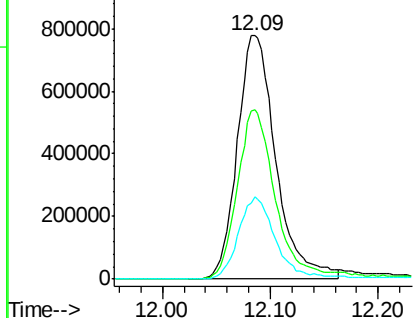
Ion	Ratio	Lower	Upper
117	100		
82	71.8	54.9	82.3
119	34.4	46.1	69.1#

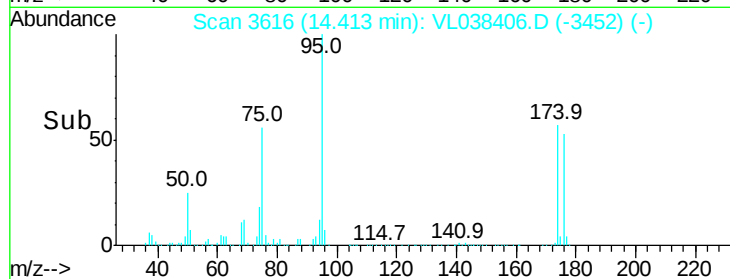
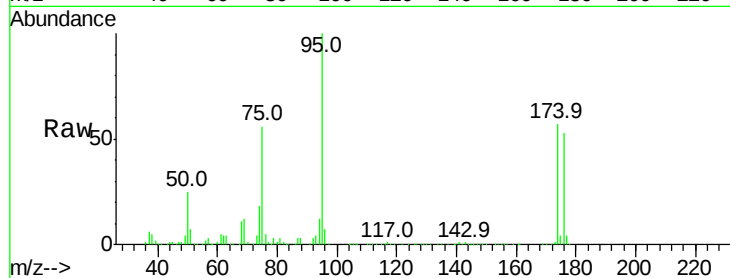
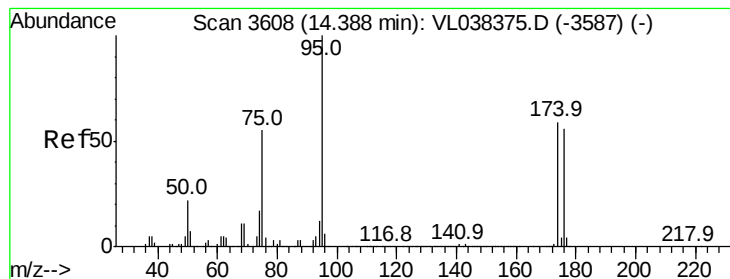


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.83 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VL0223ABL01

Acq: 23 Feb 2022 12.44

Tgt Ion: 95 Resp: 1576697

Ion Ratio Lower Upper

95 100

174 60.0 49.0 73.4

175 4.3 3.6 5.4

