

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060322\
Data File : VL039155.D
Acq On : 3 Jun 2022 16:05
Operator : SY/AP
Sample : VL0603ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABL01

Quant Time: Jun 04 00:15:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1333041	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3379819	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2853253	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2328463	9.87	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

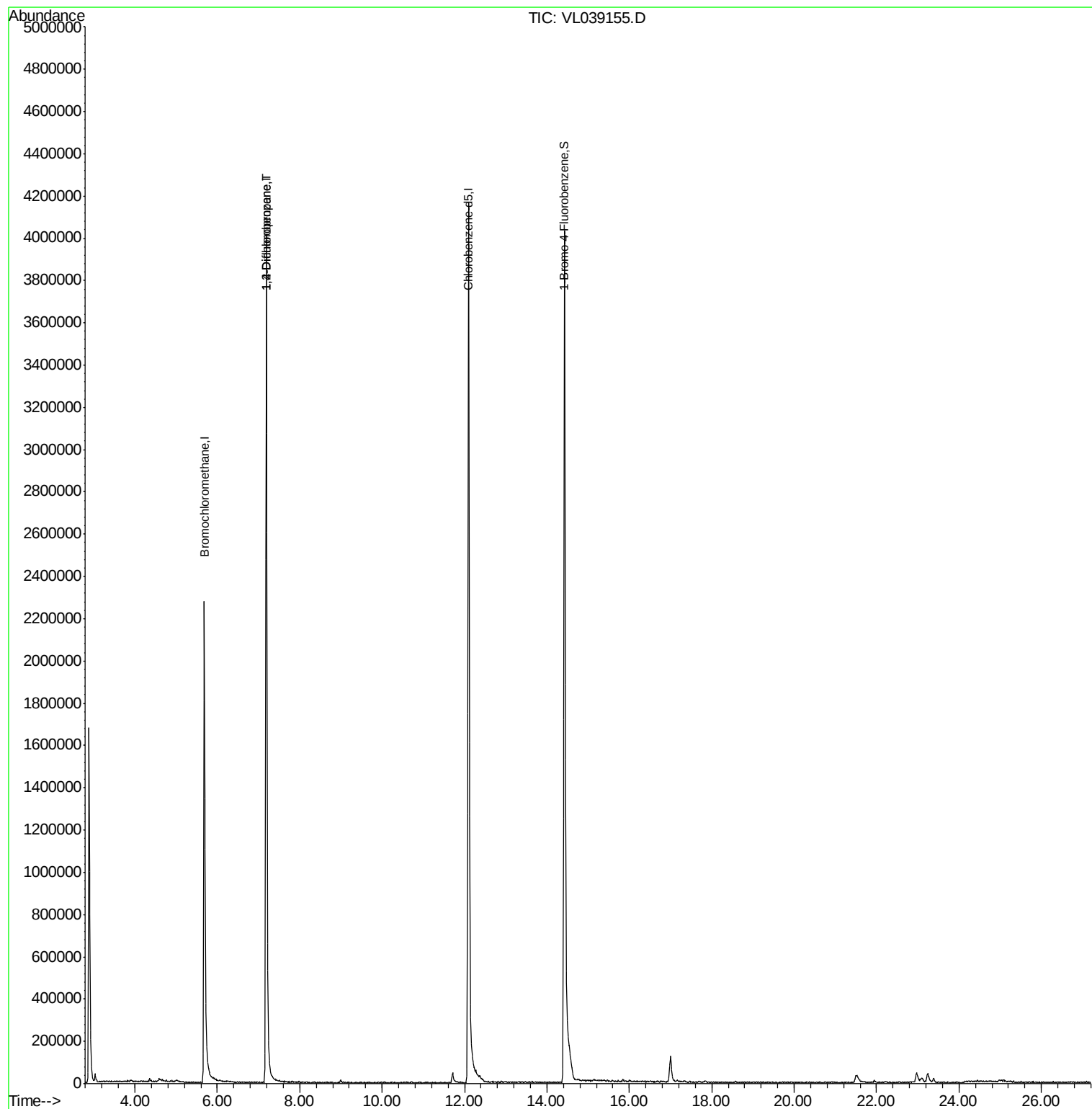
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.19	63	864229	7.918	ppbv	# 24

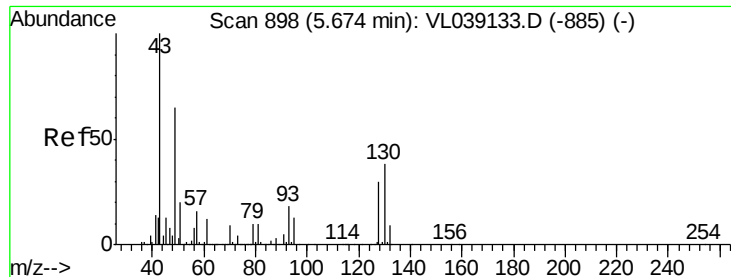
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060322\
Data File : VL039155.D
Acq On : 3 Jun 2022 16:05
Operator : SY/AP
Sample : VL0603ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABL01

Quant Time: Jun 04 00:15:47 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Jun 2022 16:05 VL0603ABL01

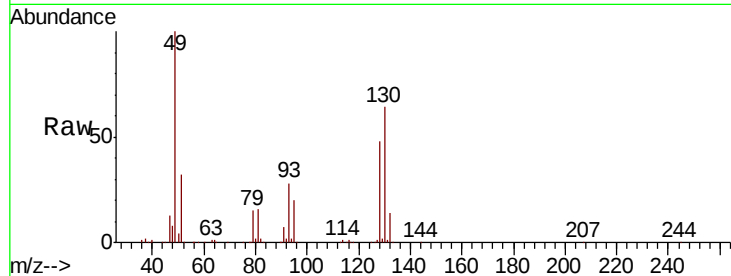
Tot Ion: 49 Resp: 1333041

Ion Ratio Lower Upper

49 100

128 51.1 24.7 74.1

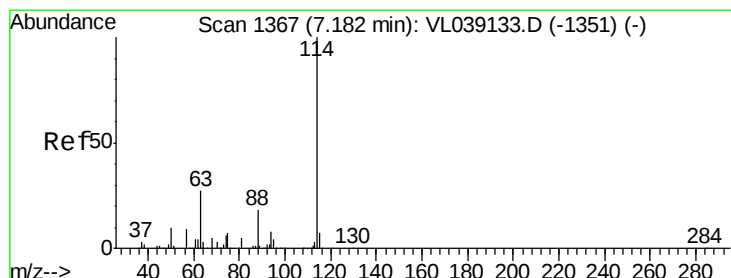
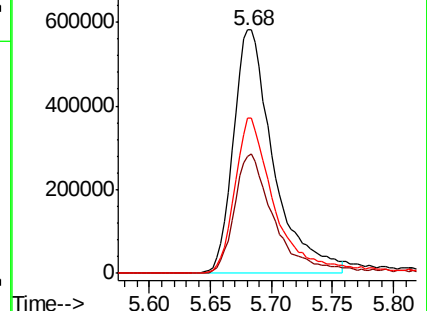
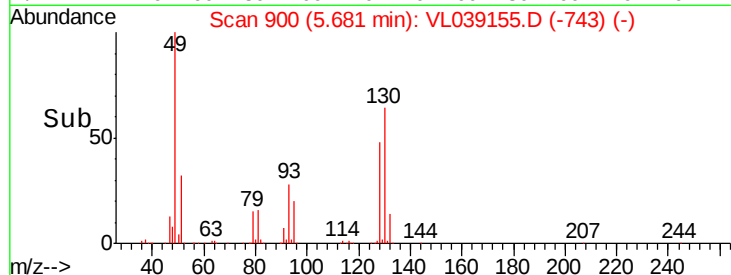
130 65.6 31.4 94.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VL039155.D

Acq: 3 Jun 2022 16:05

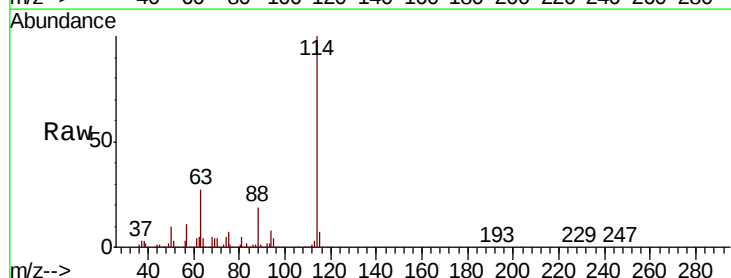
Tgt Ion:114 Resp: 3379819

Ion Ratio Lower Upper

114 100

63 26.5 21.7 32.5

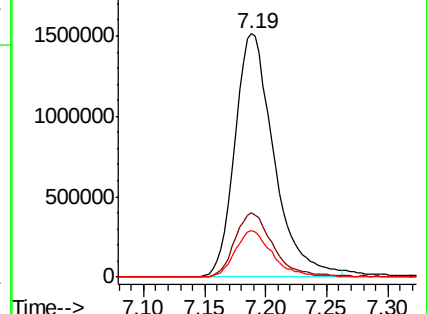
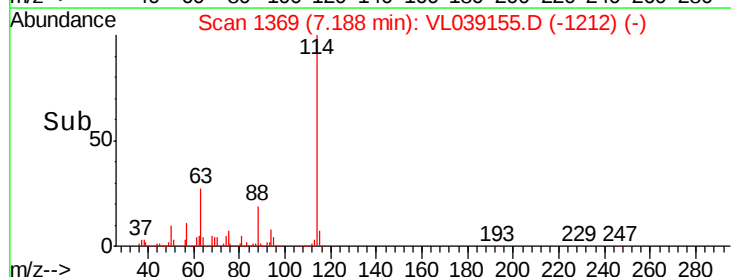
88 18.5 14.8 22.2

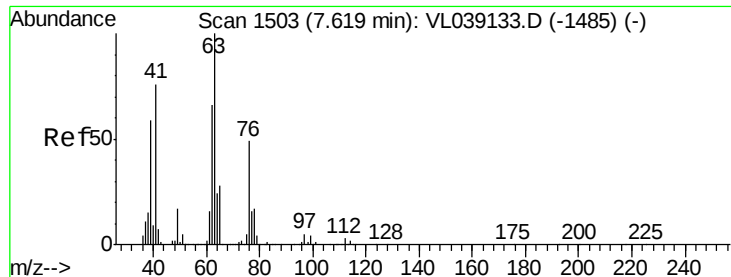


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

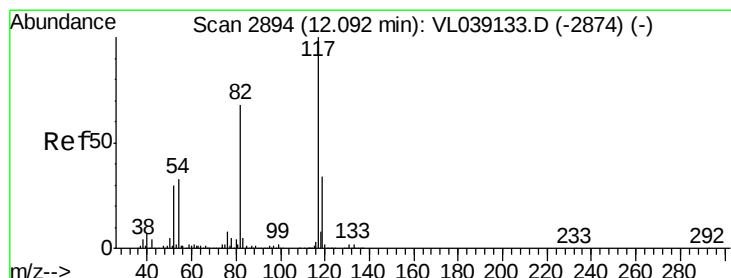
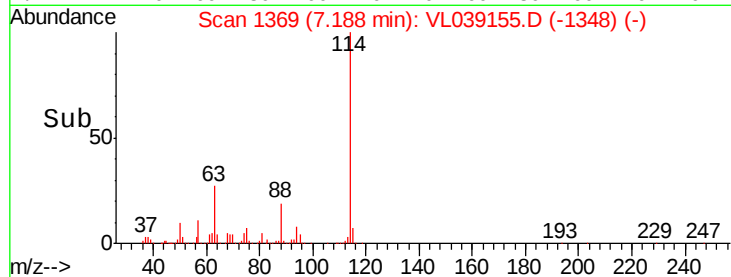
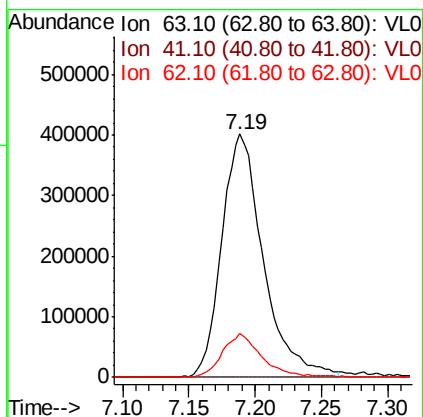
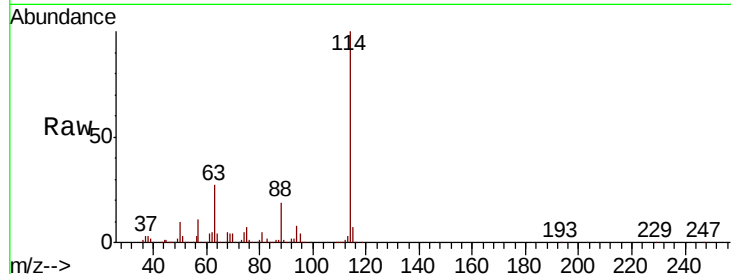
Ion 88.10 (87.80 to 88.80): VL0





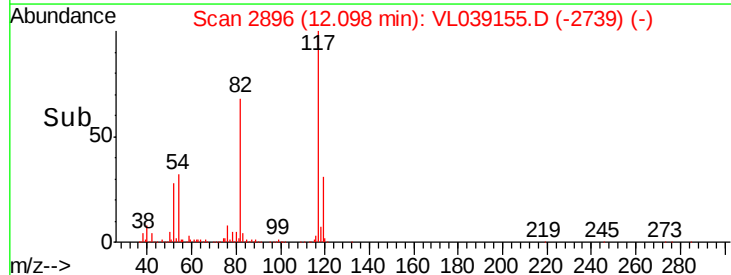
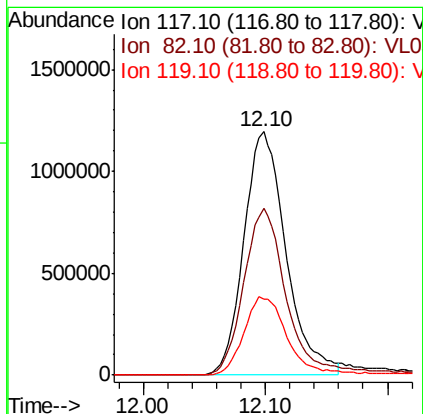
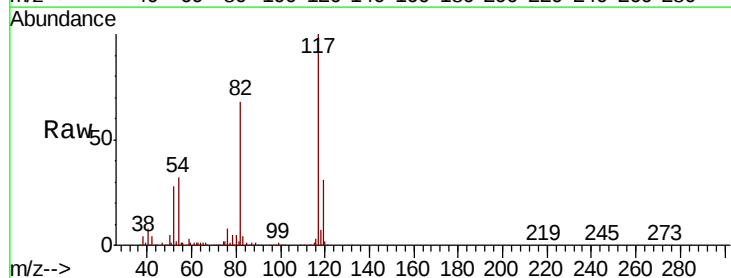
#39
 1,2-Dichloropropane
 Concen: 7.918 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0603ABL01
 Acq: 3 Jun 2022 16:05

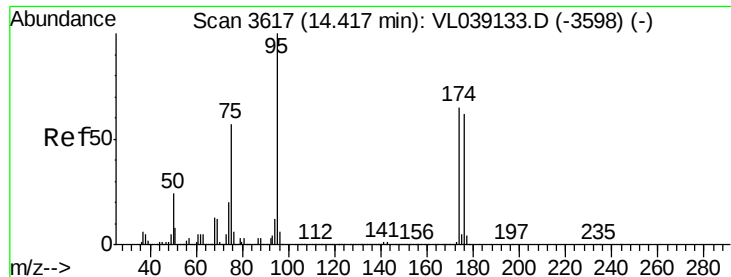
Tot Ion	63	Resp	864229
Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.9	52.9	79.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.01 min
 Lab File: VL039155.D
 Acq: 3 Jun 2022 16:05

Tgt Ion	117	Resp	2853253
Ion	Ratio	Lower	Upper
117	100		
82	72.7	55.1	82.7
119	34.5	24.7	37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.871 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Jun 2022 18:05

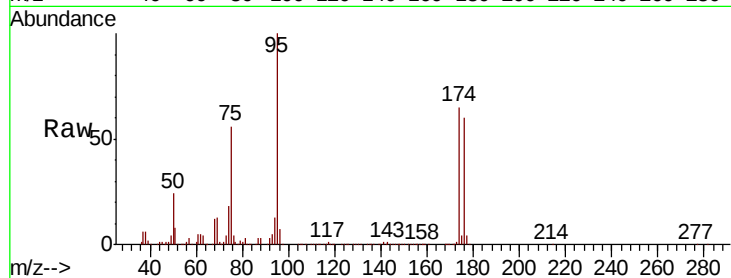
Tot Ion: 95 Resp: 2328463

Ion Ratio Lower Upper

95 100

174 68.3 53.8 80.8

175 4.8 4.1 6.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

