

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039226.D
 Acq On : 8 Jun 2022 2:13
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 08 07:20:56 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	5.67	49	558200	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1258000	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1035682	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	933464	10.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.00%

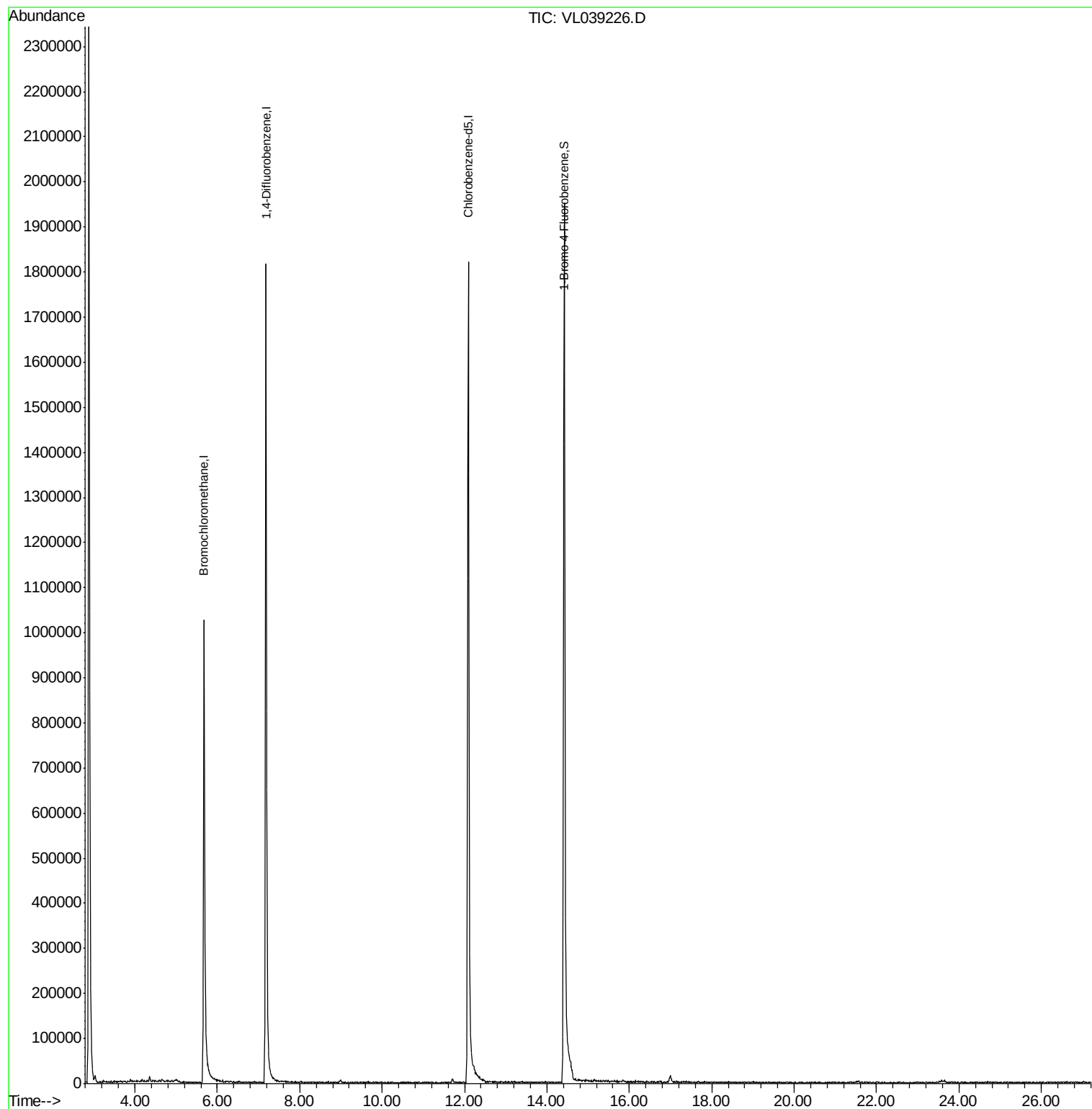
Target Compounds	Ovalue

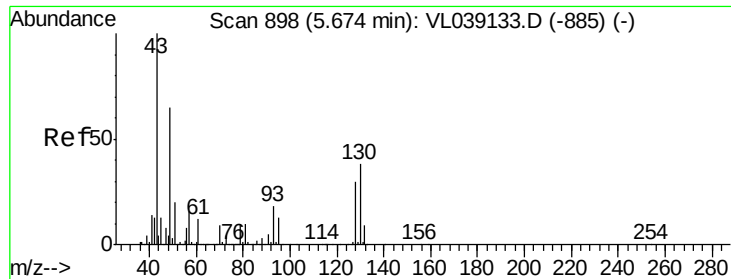
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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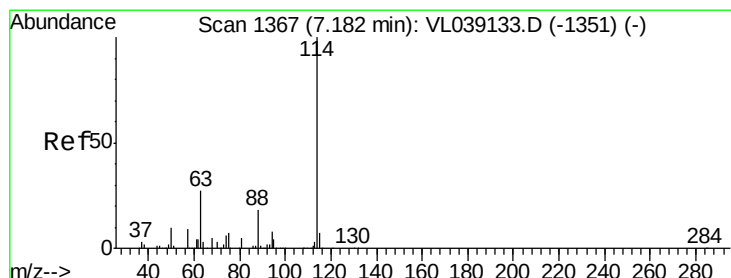
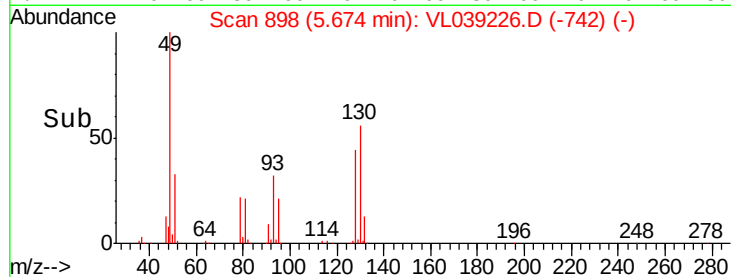
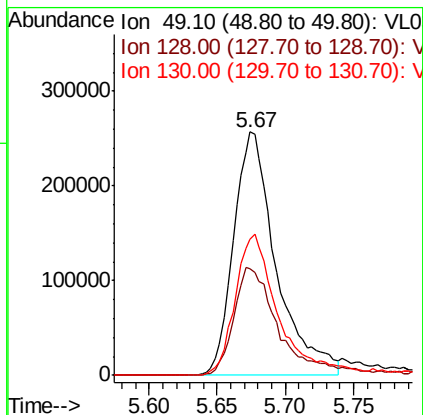
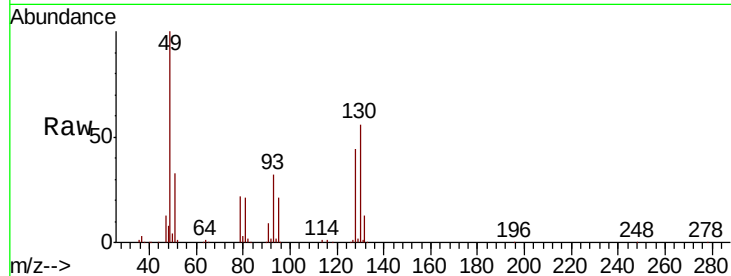
Quant Time: Jun 08 07:20:56 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
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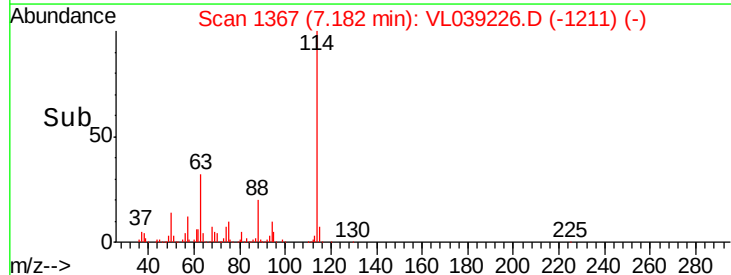
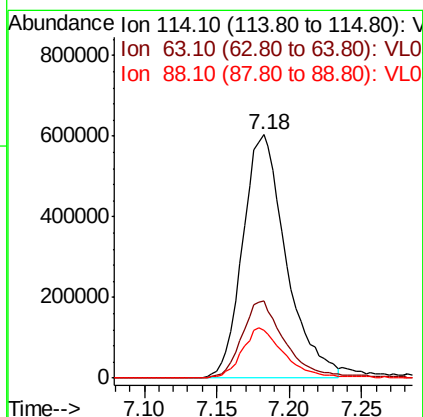
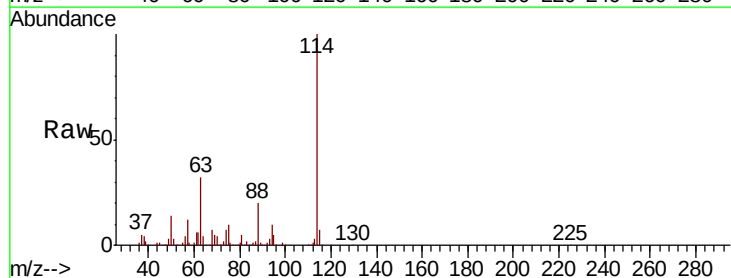
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Jun 2022 2:13

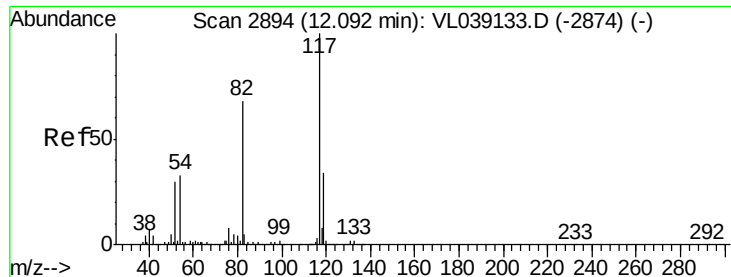
Tot Ion	49	Resp	558200
Ion	Ratio	Lower	Upper
49	100		
128	47.7	24.7	74.1
130	58.7	31.4	94.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T.: 0.00 min
 Lab File: VL039226.D
 Acq: 8 Jun 2022 2:13

Tgt Ion	114	Resp	1258000
Ion	Ratio	Lower	Upper
114	100		
63	32.6	21.7	32.5#
88	20.5	14.8	22.2

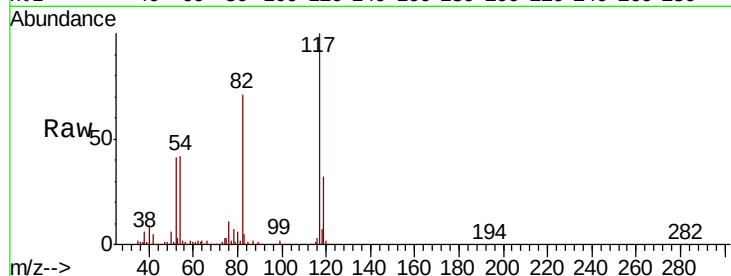




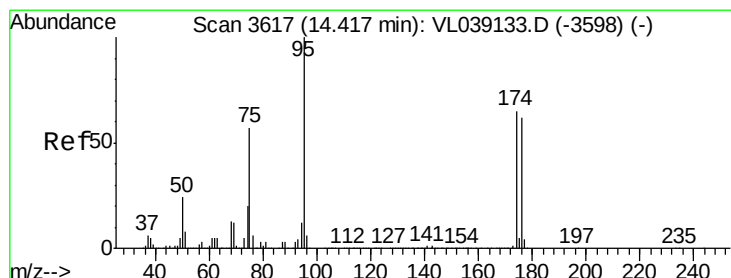
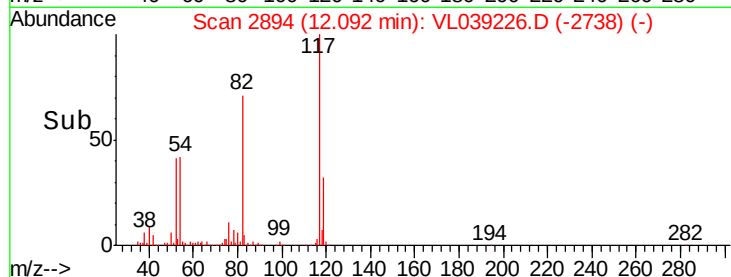
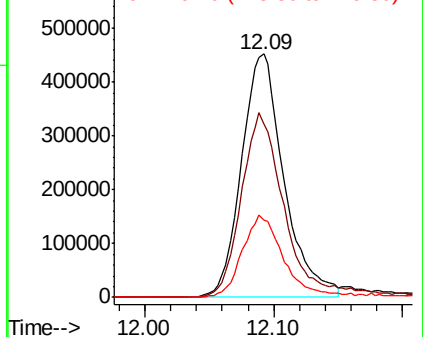
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Jun 2022 2:13

Tot Ion: 117 Resp: 1035682

Ion	Ratio	Lower	Upper
117	100		
82	80.7	55.1	82.7
119	35.0	24.7	37.1



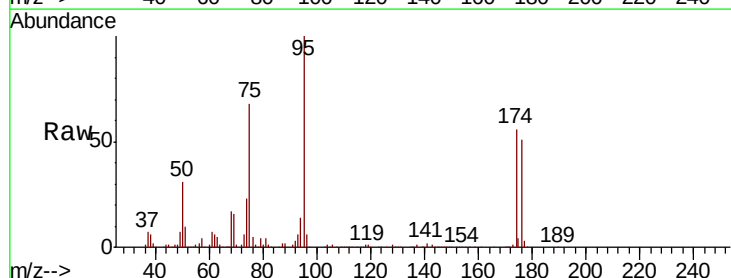
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.902 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.00 min
Lab File: VL039226.D
Acq: 8 Jun 2022 2:13

Tgt Ion: 95 Resp: 933464

Ion	Ratio	Lower	Upper
95	100		
174	60.9	53.8	80.8
175	4.4	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

