

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039615.D
 Acq On : 7 Sep 2022 12:02
 Operator : SY/AP
 Sample : VL0907ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0907ABL01

Quant Time: Sep 08 05:32:14 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1076631	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2804949	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2491623	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1823452	9.70	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

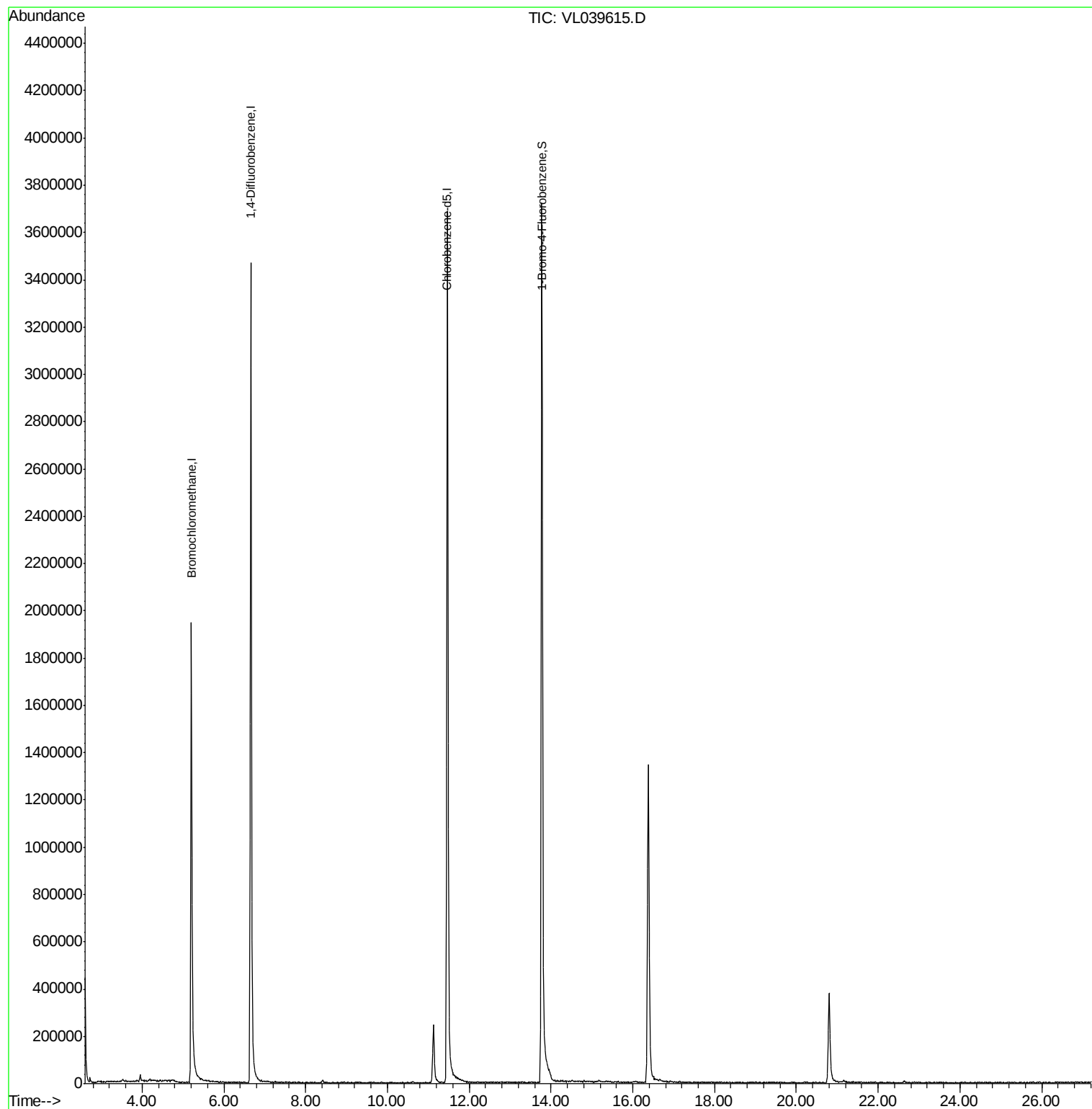
Target Compounds	Ovalue

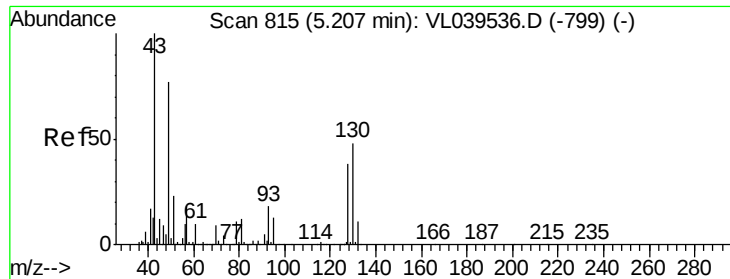
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.20 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL0907ABL01

Acq: 7 Sep 2022 12:02

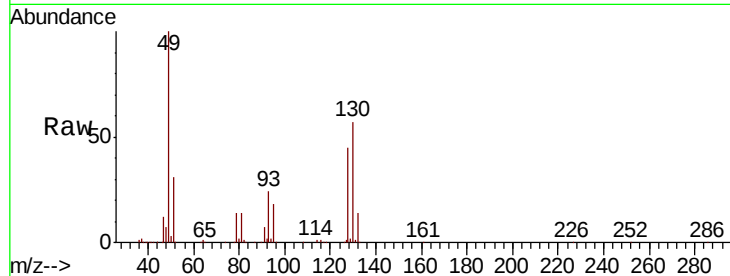
Tot Ion: 49 Resp: 1076631

Ion	Ratio	Lower	Upper
49	100		
128	51.1	26.7	80.0
130	65.4	34.3	102.8

49 100

128 51.1 26.7 80.0

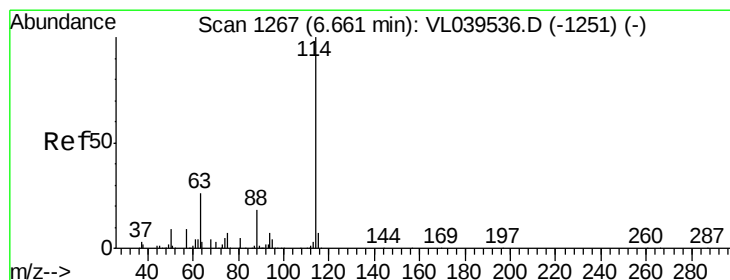
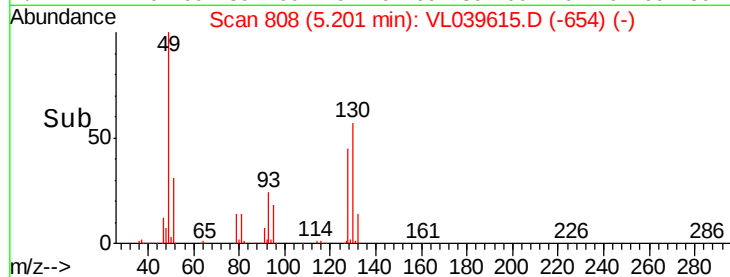
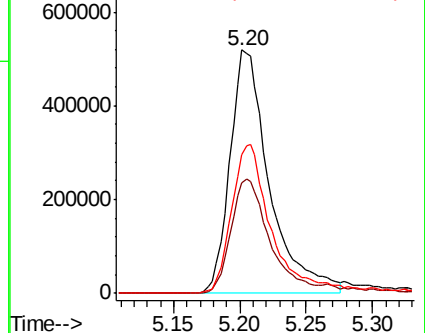
130 65.4 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.66 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VL039615.D

Acq: 7 Sep 2022 12:02

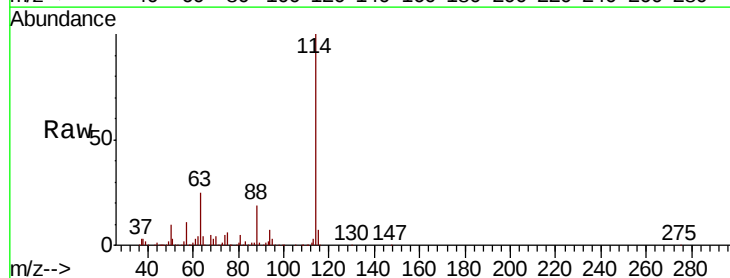
Tgt Ion: 114 Resp: 2804949

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.7	14.5	21.7

114 100

63 25.3 20.2 30.4

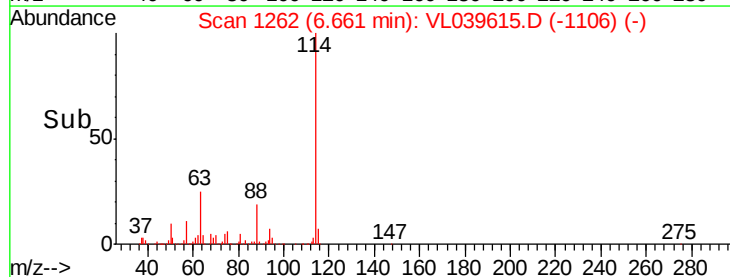
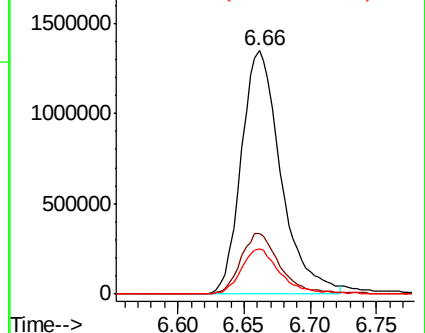
88 18.7 14.5 21.7

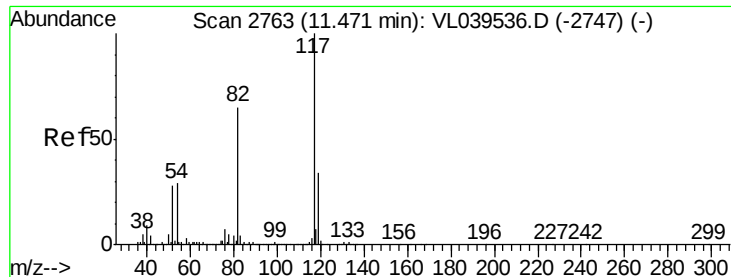


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

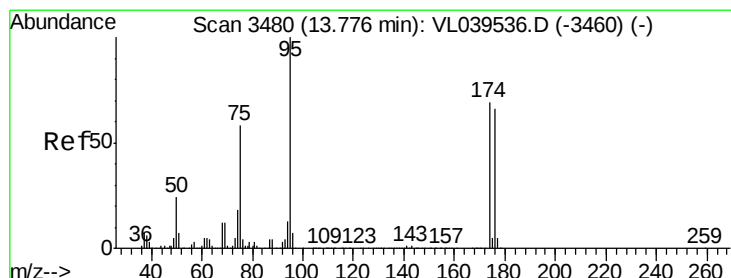
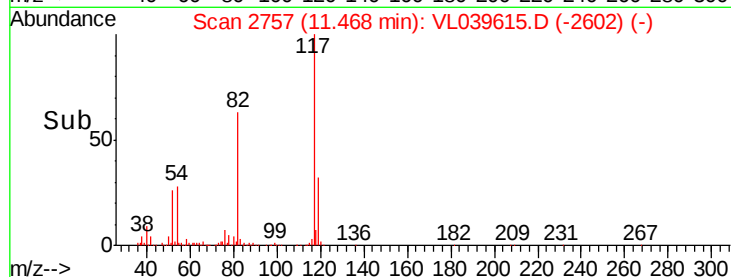
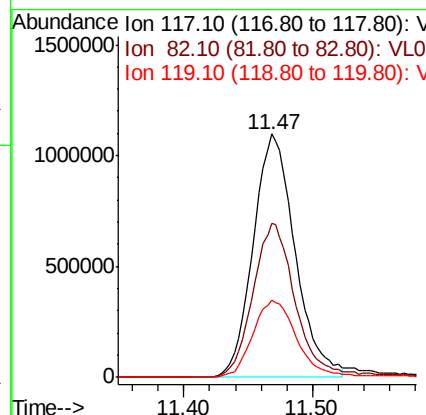
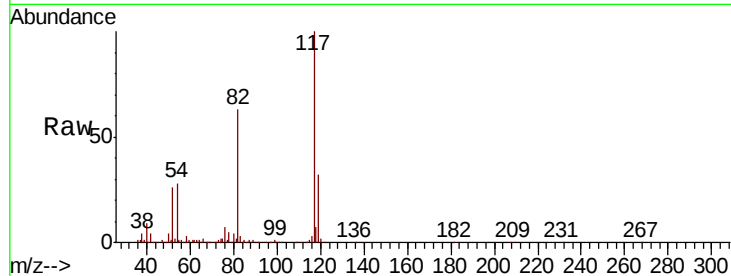




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 11.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABL01
 Acq: 7 Sep 2022 12:02

Tot Ion: 117 Resp: 2491623

Ion	Ratio	Lower	Upper
117	100		
82	66.0	50.8	76.2
119	34.0	24.1	36.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.701 ppbv
 RT: 13.78 min Scan# 3475
 Delta R.T.: 0.00 min
 Lab File: VL039615.D
 Acq: 7 Sep 2022 12:02

Tgt Ion: 95 Resp: 1823452

Ion	Ratio	Lower	Upper
95	100		
174	75.3	55.9	83.9
175	5.4	4.2	6.4

