

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
Data File : VL037879.D
Acq On : 20 Oct 2021 9:32
Operator : SY/AP
Sample : VL1020ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1020ABL01

Quant Time: Oct 21 01:40:08 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1141605	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3423782	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2857672	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1892716	9.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

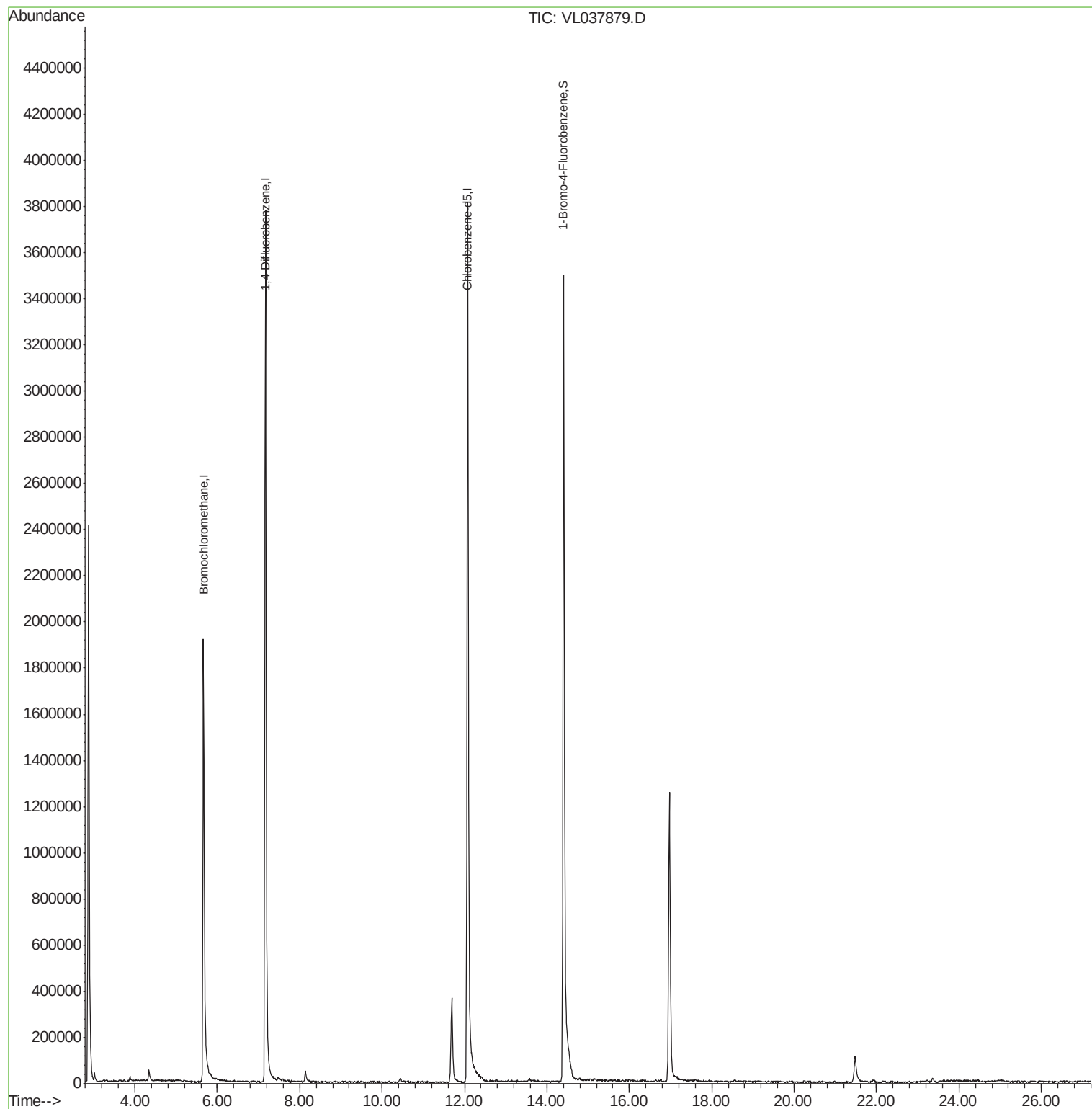
Target Compounds	Ovalue
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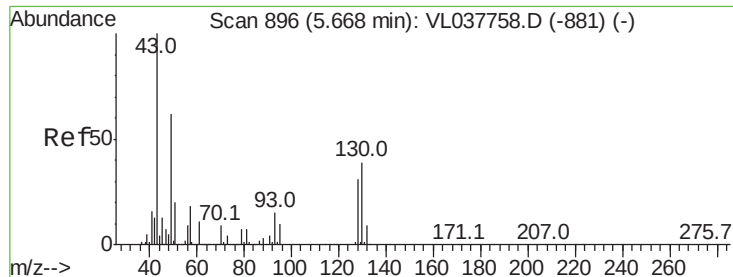
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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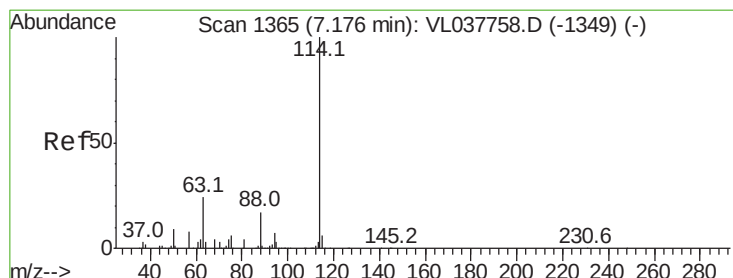
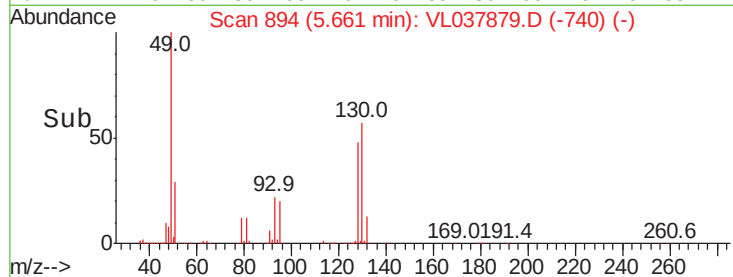
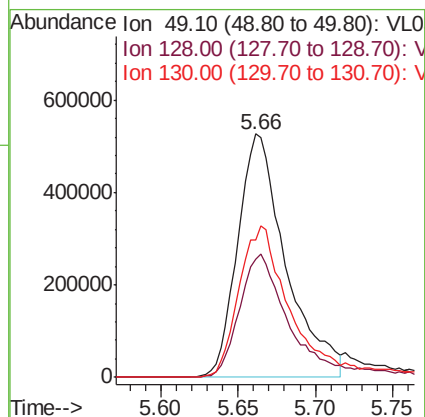
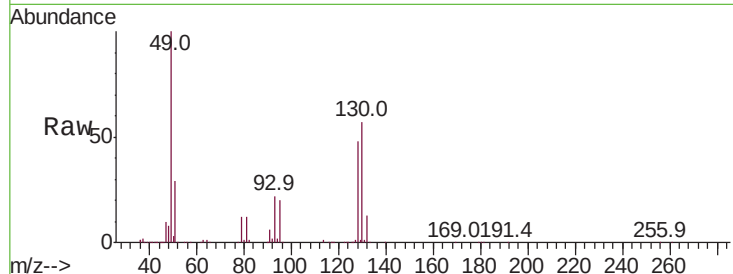




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1020ABL01
 Acq: 20 Oct 2021 9:32

Tot Ion: 49 Resp: 1141605

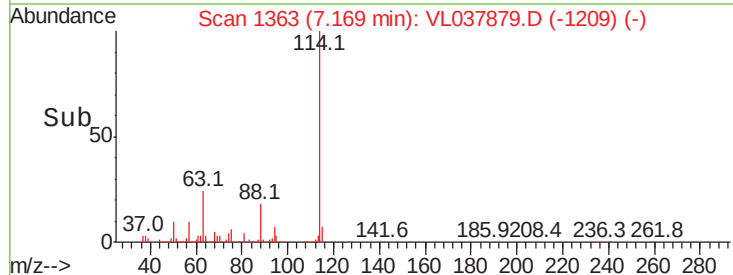
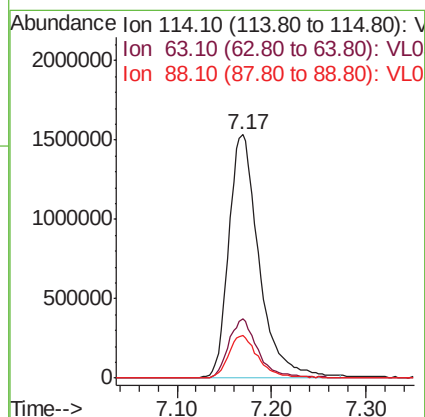
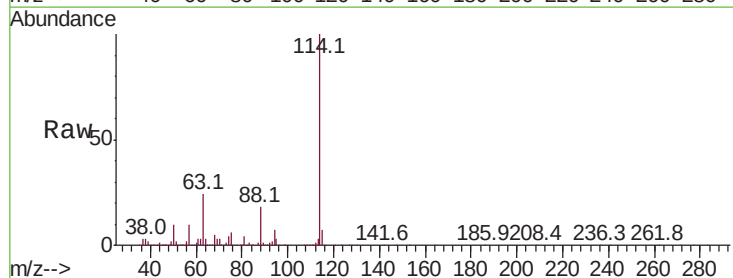
Ion	Ratio	Lower	Upper
49	100		
128	54.7	27.1	81.3
130	71.5	33.2	99.6

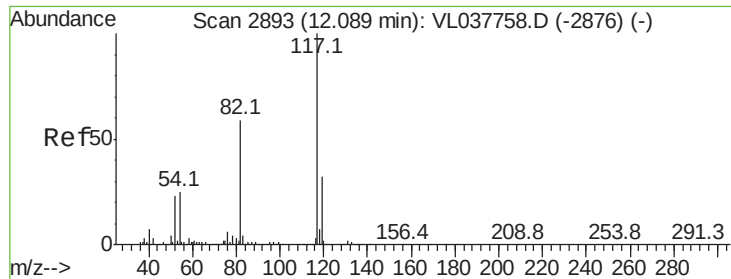


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T.: -0.01 min
 Lab File: VL037879.D
 Acq: 20 Oct 2021 9:32

Tgt Ion: 114 Resp: 3423782

Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.4	29.2
88	17.6	14.4	21.6

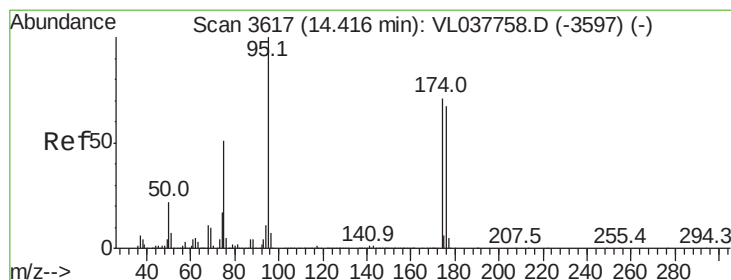
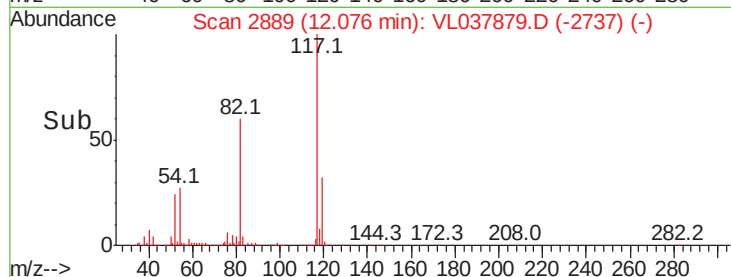
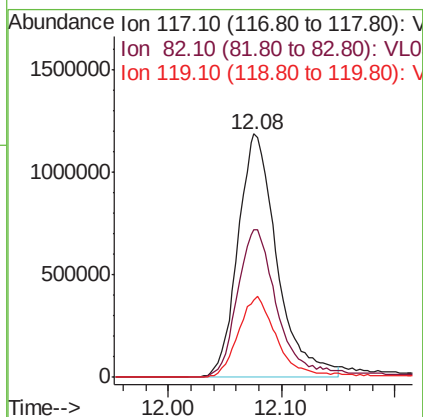
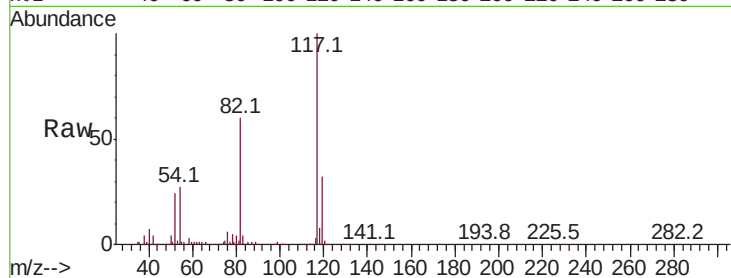




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1020ABL01
Acq: 20 Oct 2021 9:32

Tot Ion: 117 Resp: 2857672

Ion	Ratio	Lower	Upper
117	100		
82	65.4	52.2	78.2
119	33.8	26.0	39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.471 ppbv
RT: 14.41 min Scan# 3614
Delta R.T.: -0.01 min
Lab File: VL037879.D
Acq: 20 Oct 2021 9:32

Tgt Ion: 95 Resp: 1892716

Ion	Ratio	Lower	Upper
95	100		
174	78.4	57.8	86.6
175	5.6	4.7	7.1

