

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041322\
Data File : VL038905.D
Acq On : 13 Apr 2022 15:38
Operator : SY/AP
Sample : VL0413ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABL02

Quant Time: Apr 14 08:23:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1208208	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2887890	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2513300	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2026778	10.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

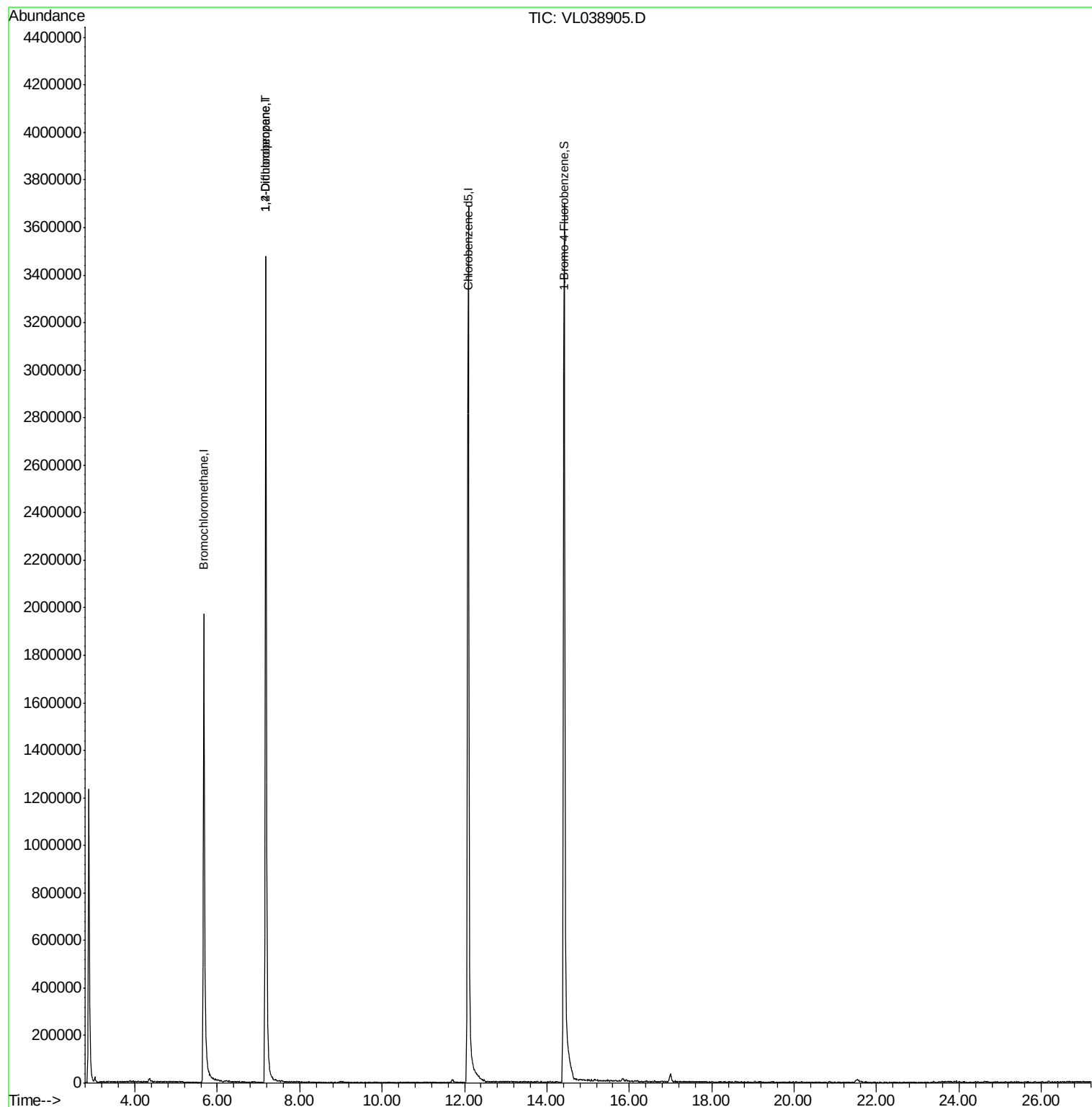
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) 1,2-Dichloropropane	7.18	63	779546	7.758	ppbv	# 27

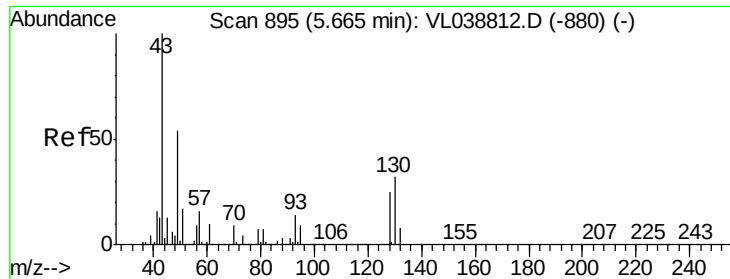
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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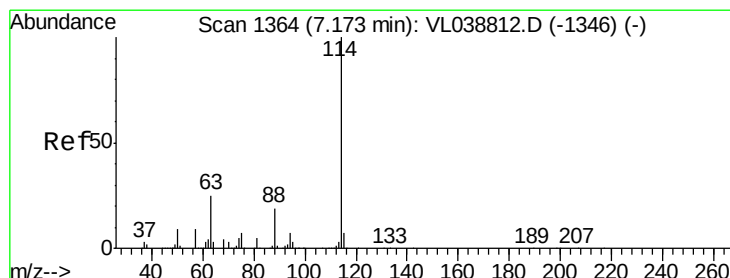
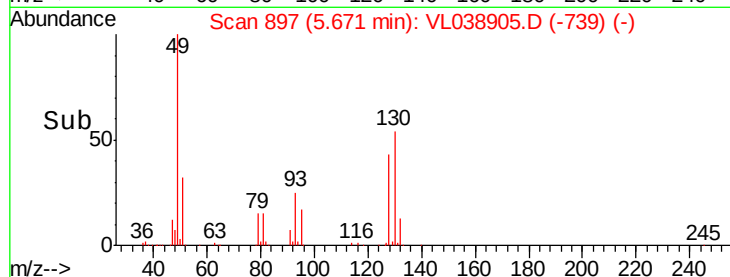
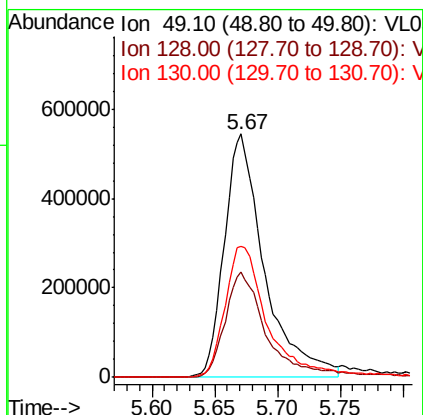
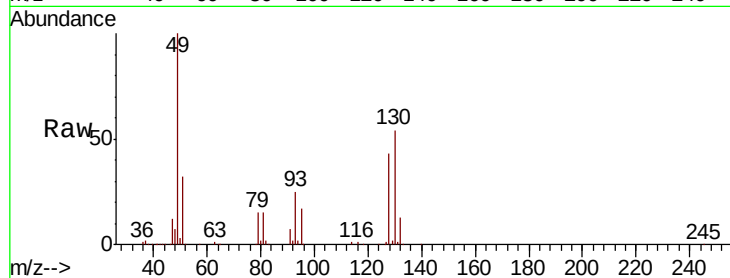
Quant Time: Apr 14 08:23:30 2022
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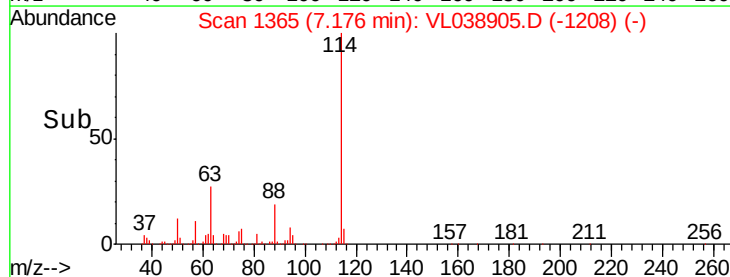
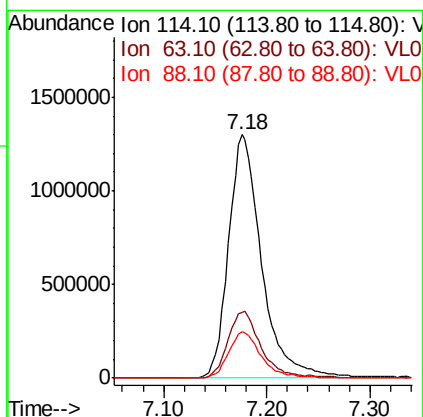
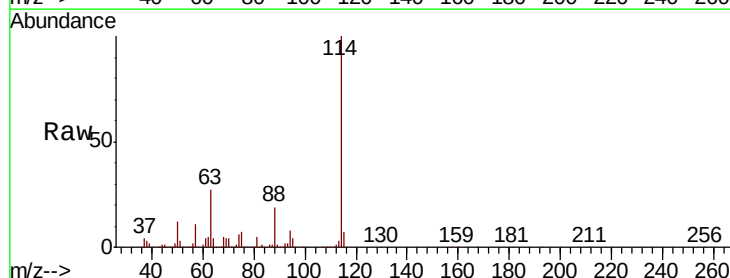
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABL02
 Acq: 13 Apr 2022 15:38

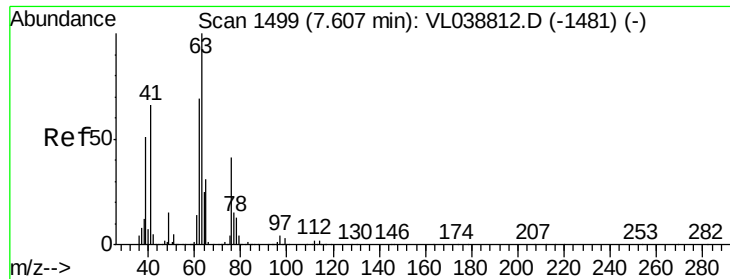
Tot Ion: 49 Resp: 1208208
 Ion Ratio Lower Upper
 49 100
 128 46.5 24.1 72.3
 130 59.6 30.9 92.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T.: 0.00 min
 Lab File: VL038905.D
 Acq: 13 Apr 2022 15:38

Tgt Ion: 114 Resp: 2887890
 Ion Ratio Lower Upper
 114 100
 63 28.0 19.8 29.8
 88 19.4 14.2 21.4





#39

1,2-Dichloropropane

Concen: 7.758 ppbv

RT: 7.18 Instrument: MSVOA_1

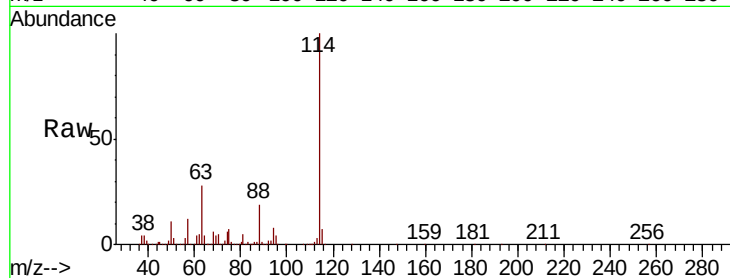
Delta R.T.

Lab File: ClientSampleId:

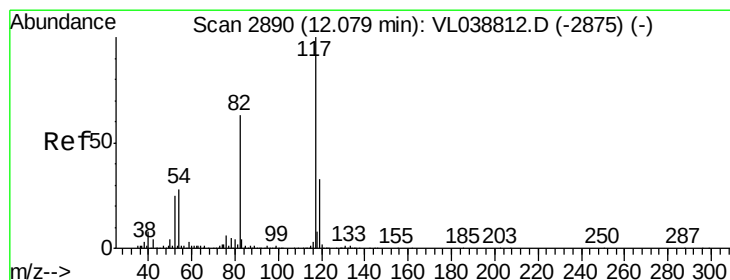
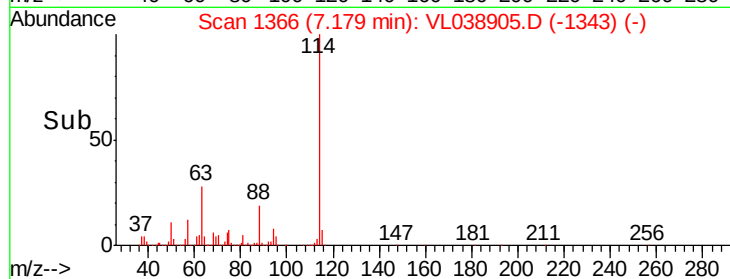
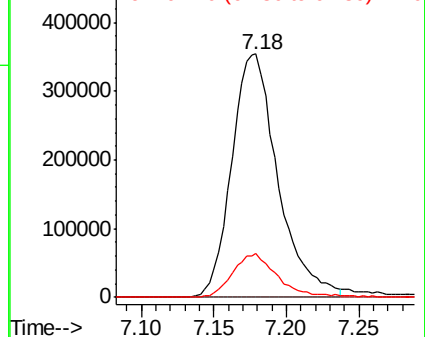
Acq: 13 Apr 2022 15:38

Tot Ion: 63 Resp: 779546

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.0	79.6#
62	17.9	55.0	82.4#



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: 10.000 ppbv

RT: 12.09 min Scan# 2893

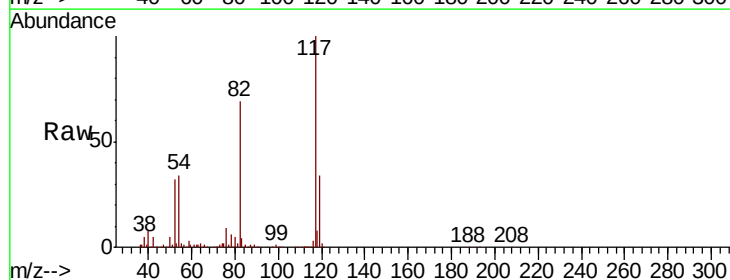
Delta R.T. 0.01 min

Lab File: VL038905.D

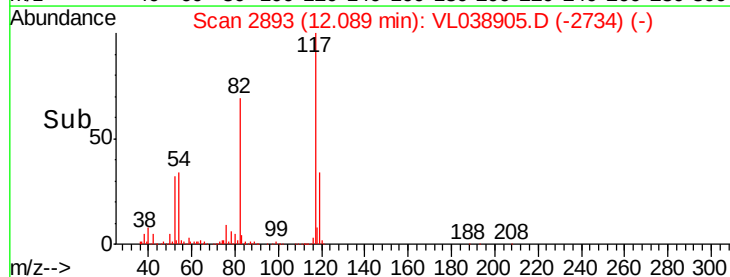
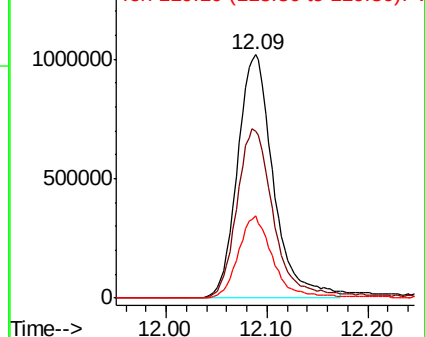
Acq: 13 Apr 2022 15:38

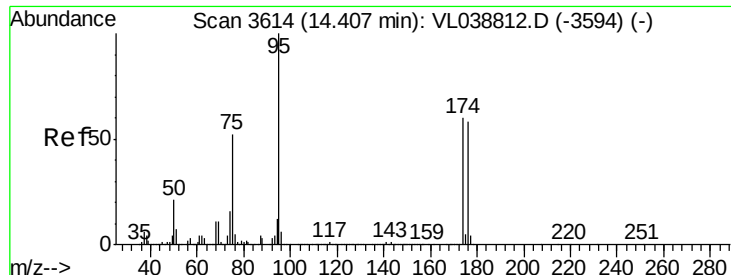
Tgt Ion: 117 Resp: 2513300

Ion	Ratio	Lower	Upper
117	100		
82	73.4	53.0	79.6
119	33.2	24.9	37.3



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: 10.631 ppbv

RT: 14.42

Delta R.T. MSVOA_L

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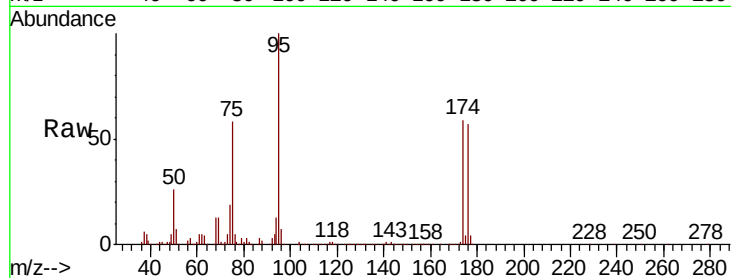
Tot Ion: 95 Resp: 2026778

Ion Ratio Lower Upper

95 100

174 63.8 52.0 78.0

175 4.3 4.0 6.0



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

