

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL042821\
Data File : VL036875.D
Acq On : 28 Apr 2021 11:17
Operator : SY/AP
Sample : VL0428ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0428ABL01

Quant Time: May 06 01:42:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 27 16
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane	5.68	49	1522963	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3633484	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3189402	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2520959	9.85	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

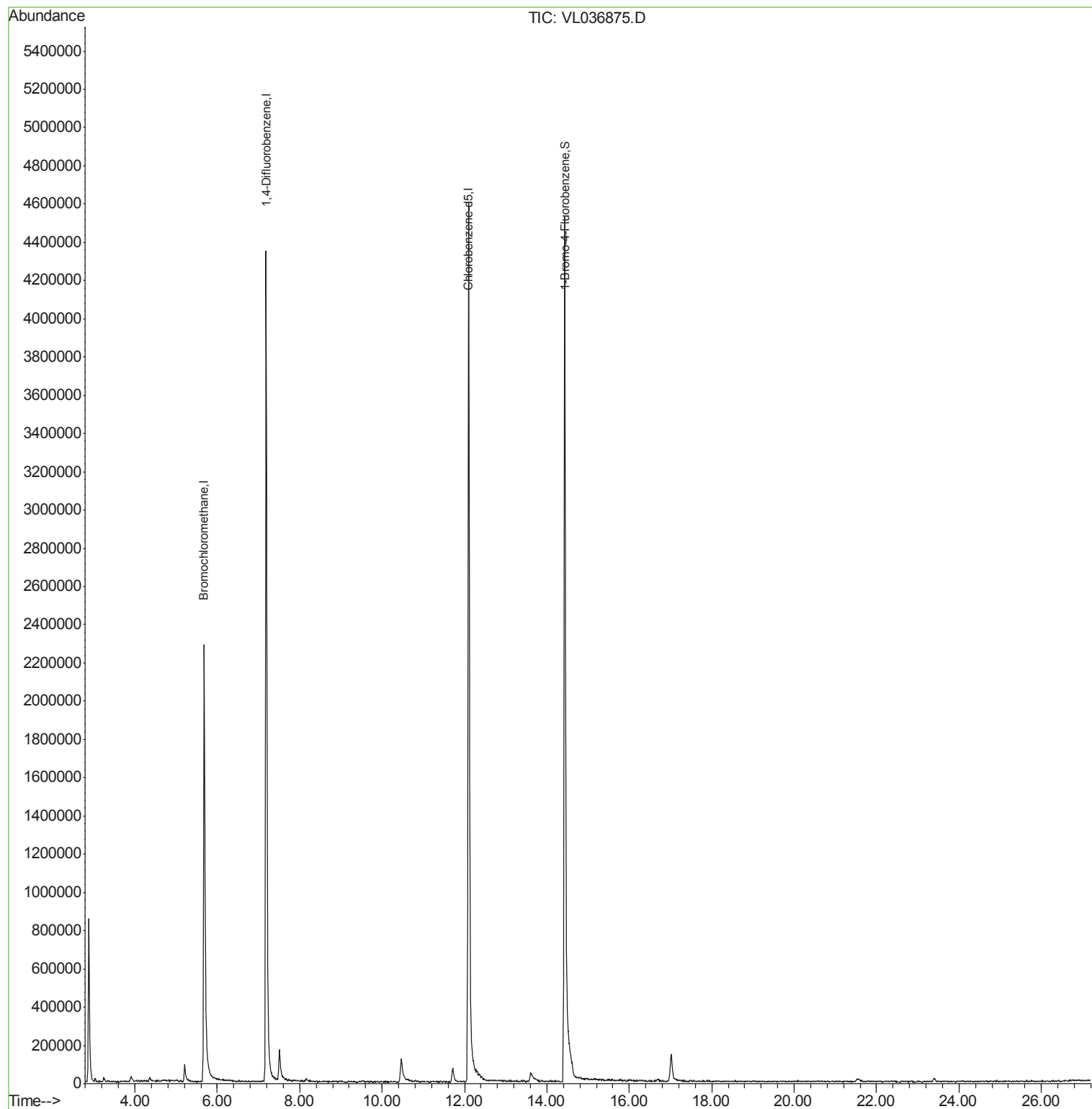
Target Compounds	Ovalue
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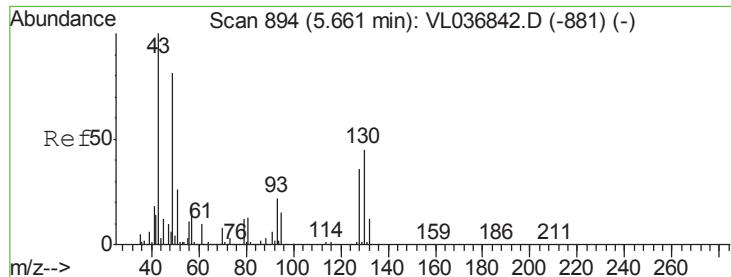
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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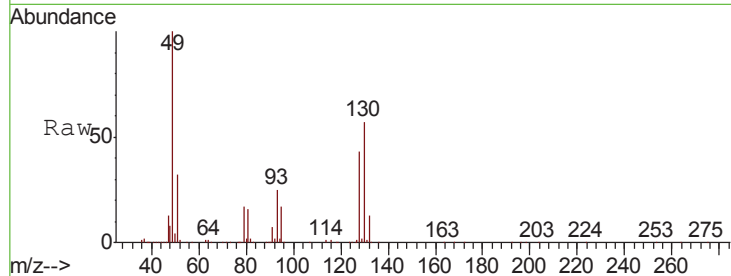


#1

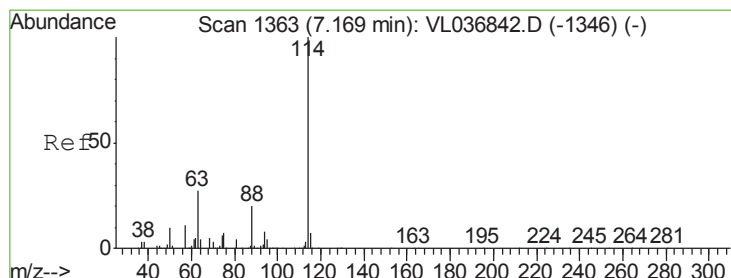
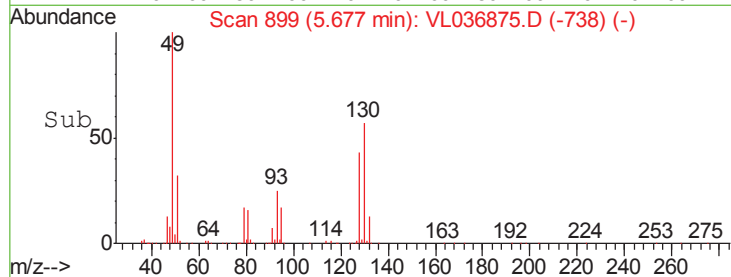
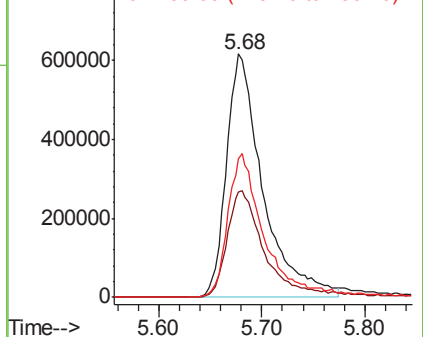
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0428ABL01

Tot Ion: 49 Resp: 1522963
 Ion Ratio Lower Upper
 49 100
 128 47.0 24.4 73.2
 130 61.0 30.3 90.8



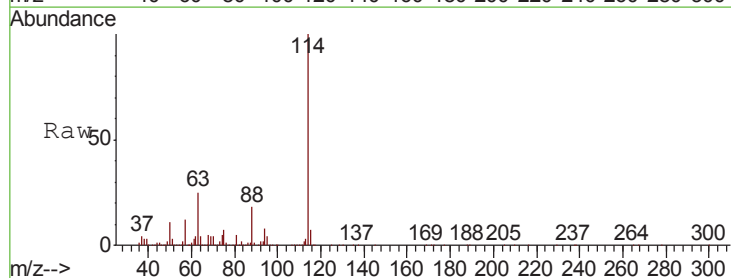
Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V



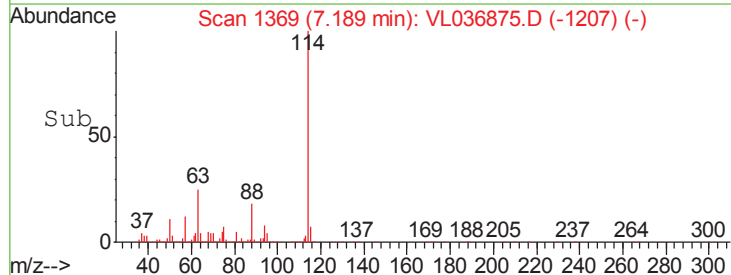
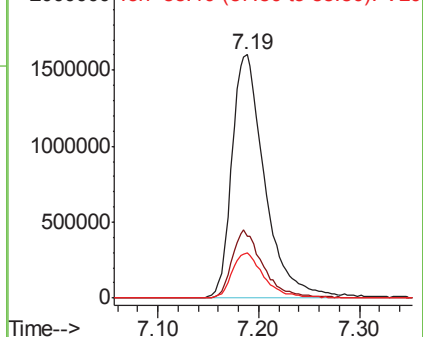
#33

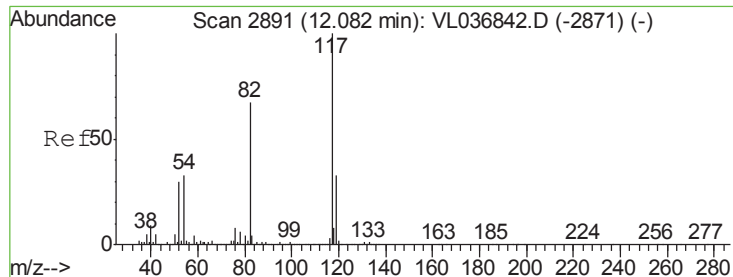
1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.02 min
 Lab File: VL036875.D
 Acq: 28 Apr 2021 11:17

Tgt Ion: 114 Resp: 3633484
 Ion Ratio Lower Upper
 114 100
 63 27.0 21.9 32.9
 88 18.5 15.1 22.7



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





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. 0.02 min

Lab File: VL036875.D

Acq: 28 Apr 2021 11:17

Instrument :

MSVOA_L

ClientSampleId :

VL0428ABL01

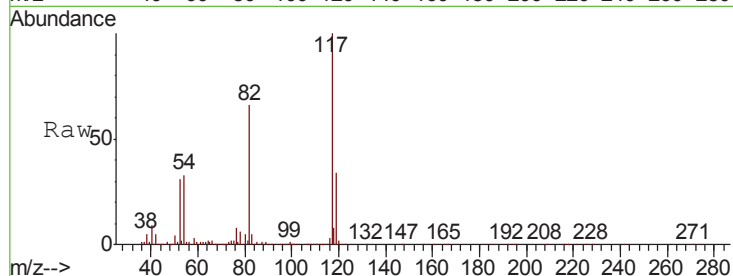
Tot Ion:117 Resp: 3189402

Ion	Ratio	Lower	Upper
117	100		
82	69.4	53.5	80.3
119	33.6	25.6	38.4

117 100

82 69.4 53.5 80.3

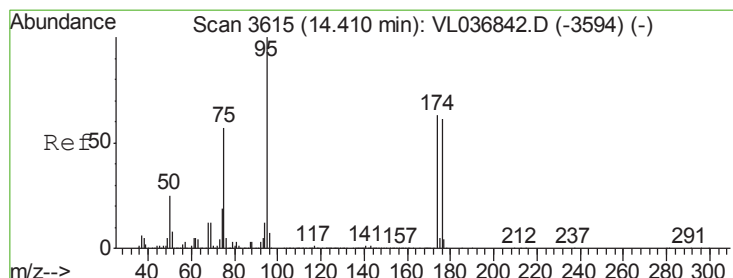
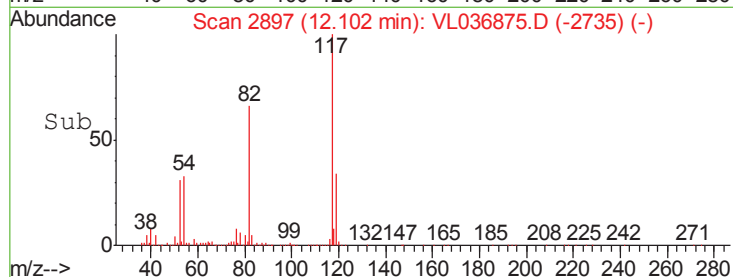
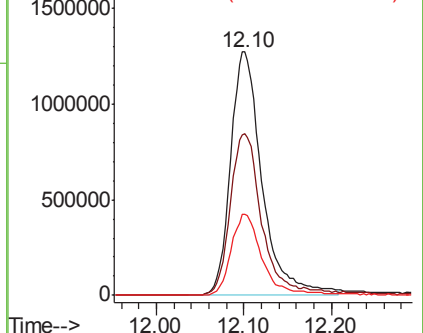
119 33.6 25.6 38.4



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: 9.846 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.02 min

Lab File: VL036875.D

Acq: 28 Apr 2021 11:17

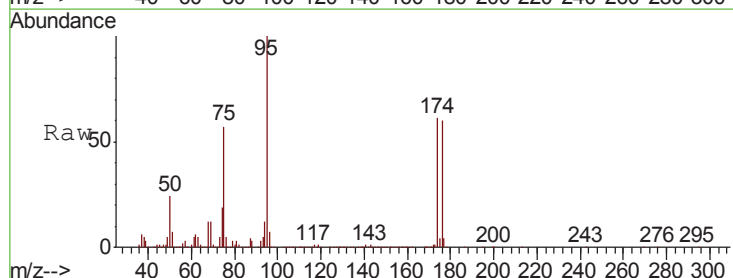
Tgt Ion: 95 Resp: 2520959

Ion	Ratio	Lower	Upper
95	100		
174	66.6	52.2	78.2
175	4.8	4.0	6.0

95 100

174 66.6 52.2 78.2

175 4.8 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

