

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL033121\
 Data File : VL036592.D
 Acq On : 31 Mar 2021 6:26
 Operator : SY/AP
 Sample : VL0331ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0331ABL01

Quant Time: Apr 03 05:31:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1257882	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2885939	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2511808	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1967338	9.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

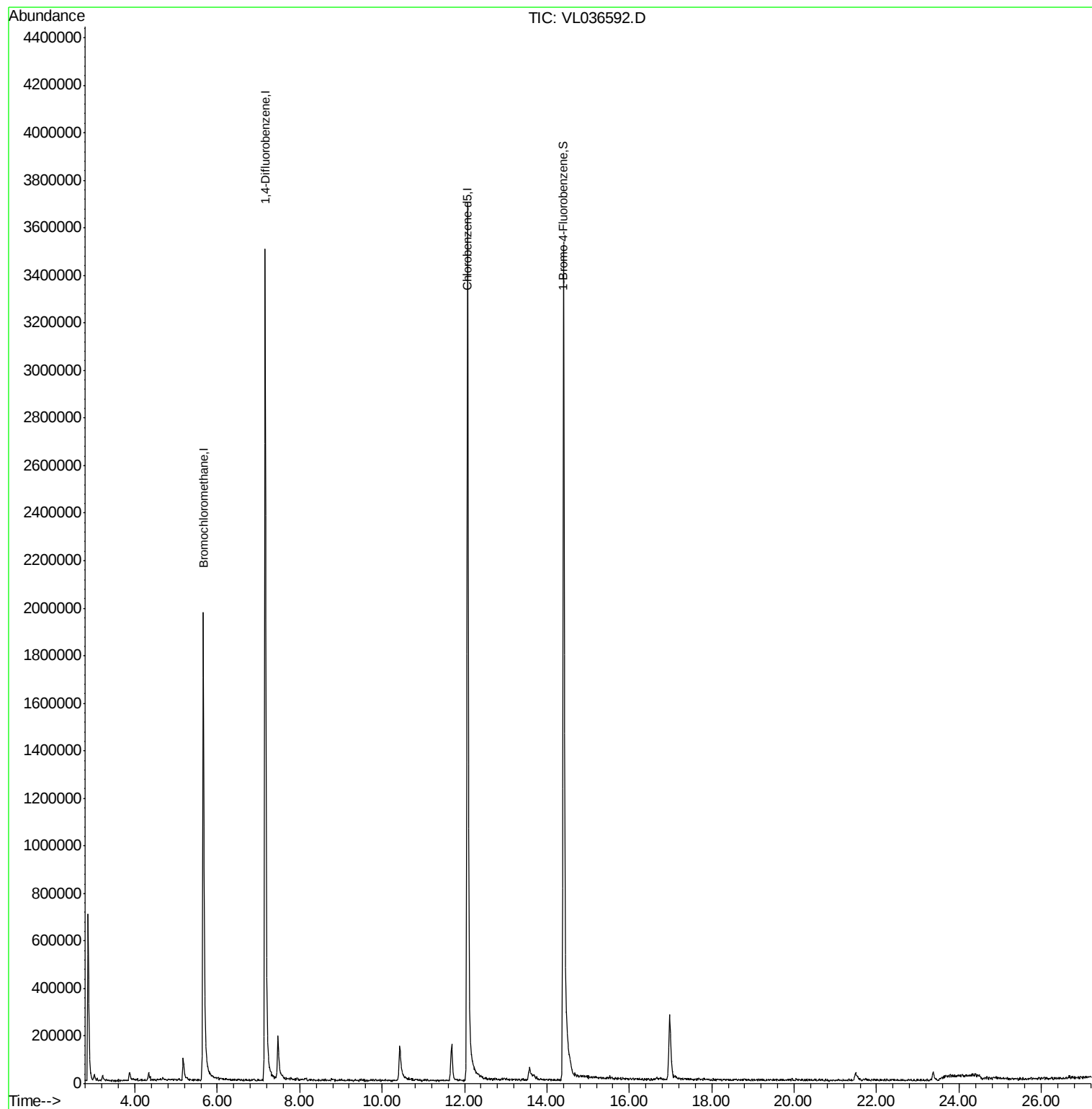
Target Compounds	Ovalue

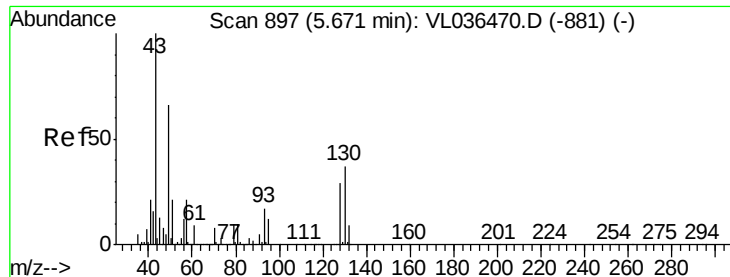
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Instrument :

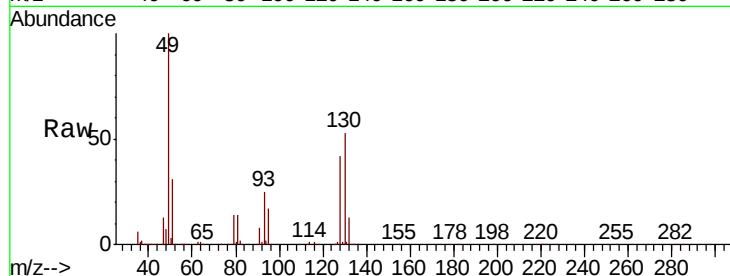
MSVOA_L

ClientSampleId :

VL0331ABL01

Tot Ion: 49 Resp: 1257882

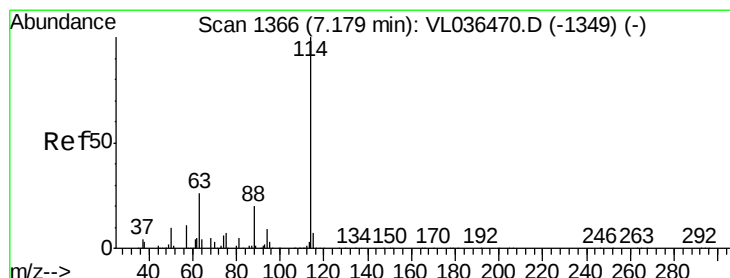
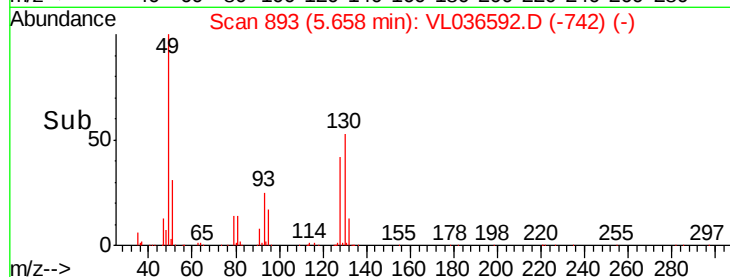
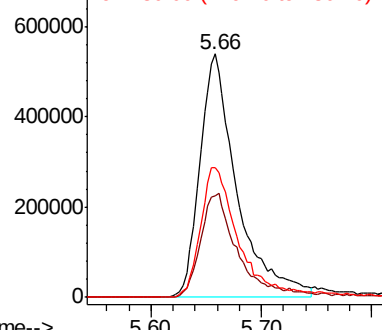
Ion	Ratio	Lower	Upper
49	100		
128	45.0	23.5	70.6
130	56.4	29.1	87.4



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: 7.16 min Scan# 1361

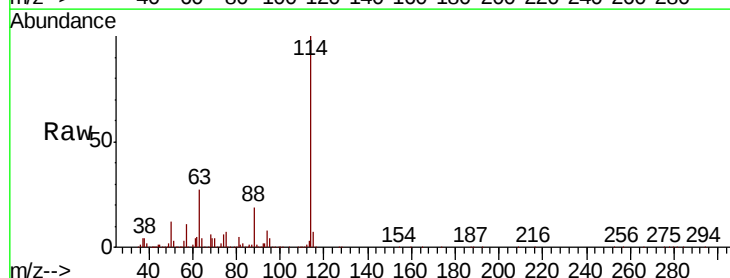
Delta R.T. -0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Tgt Ion: 114 Resp: 2885939

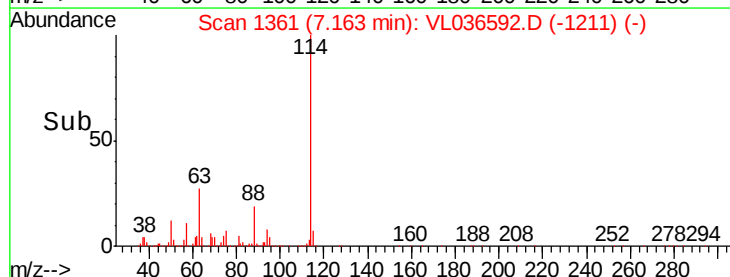
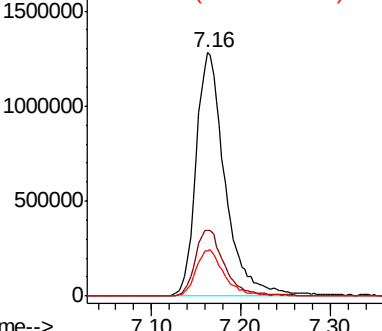
Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.4	33.6
88	18.8	15.4	23.0

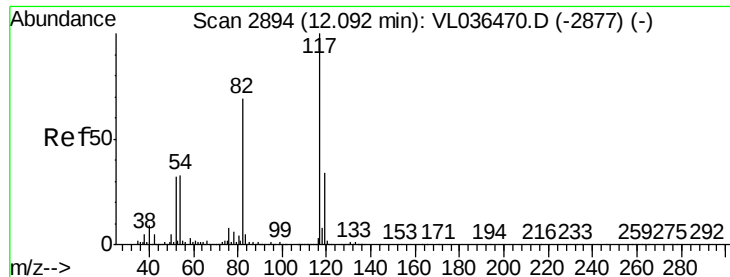


Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Instrument :

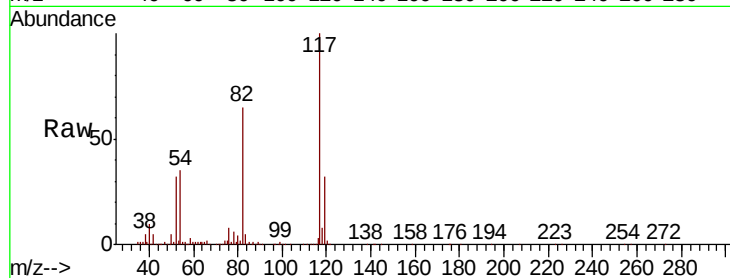
MSVOA_L

ClientSampleId :

VL0331ABL01

Tot Ion:117 Resp: 2511808

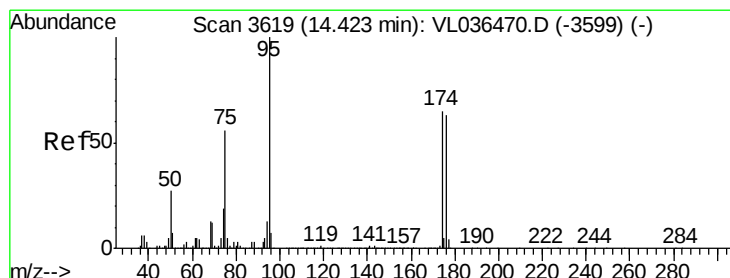
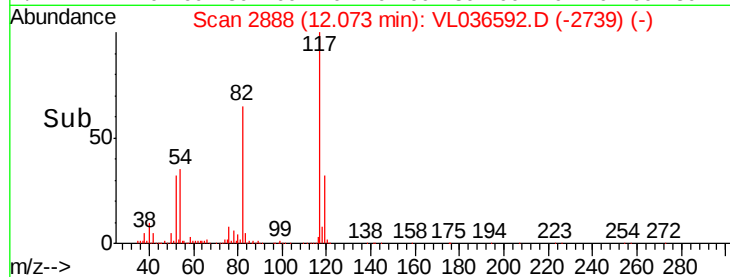
Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.4	86.0
119	34.2	47.4	71.0



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: 9.827 ppbv

RT: 14.40 min Scan# 3613

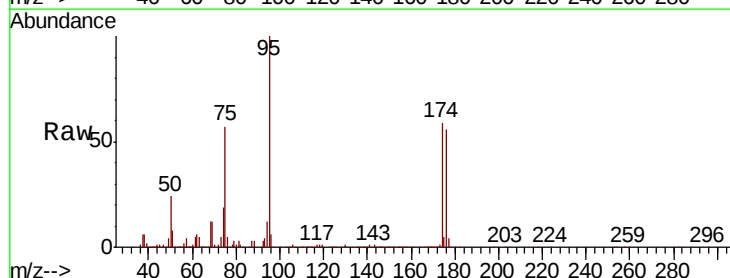
Delta R.T. -0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Tgt Ion: 95 Resp: 1967338

Ion	Ratio	Lower	Upper
95	100		
174	66.3	51.0	76.6
175	4.7	3.9	5.9



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

