

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050219\
Data File : VL033624.D
Acq On : 2 May 2019 12:04
Operator : SY/AP
Sample : VL0502ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0502ABL01

Quant Time: May 03 03:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 02 06:29:02 2019
QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	1092194	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2617012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2650903	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2149725	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

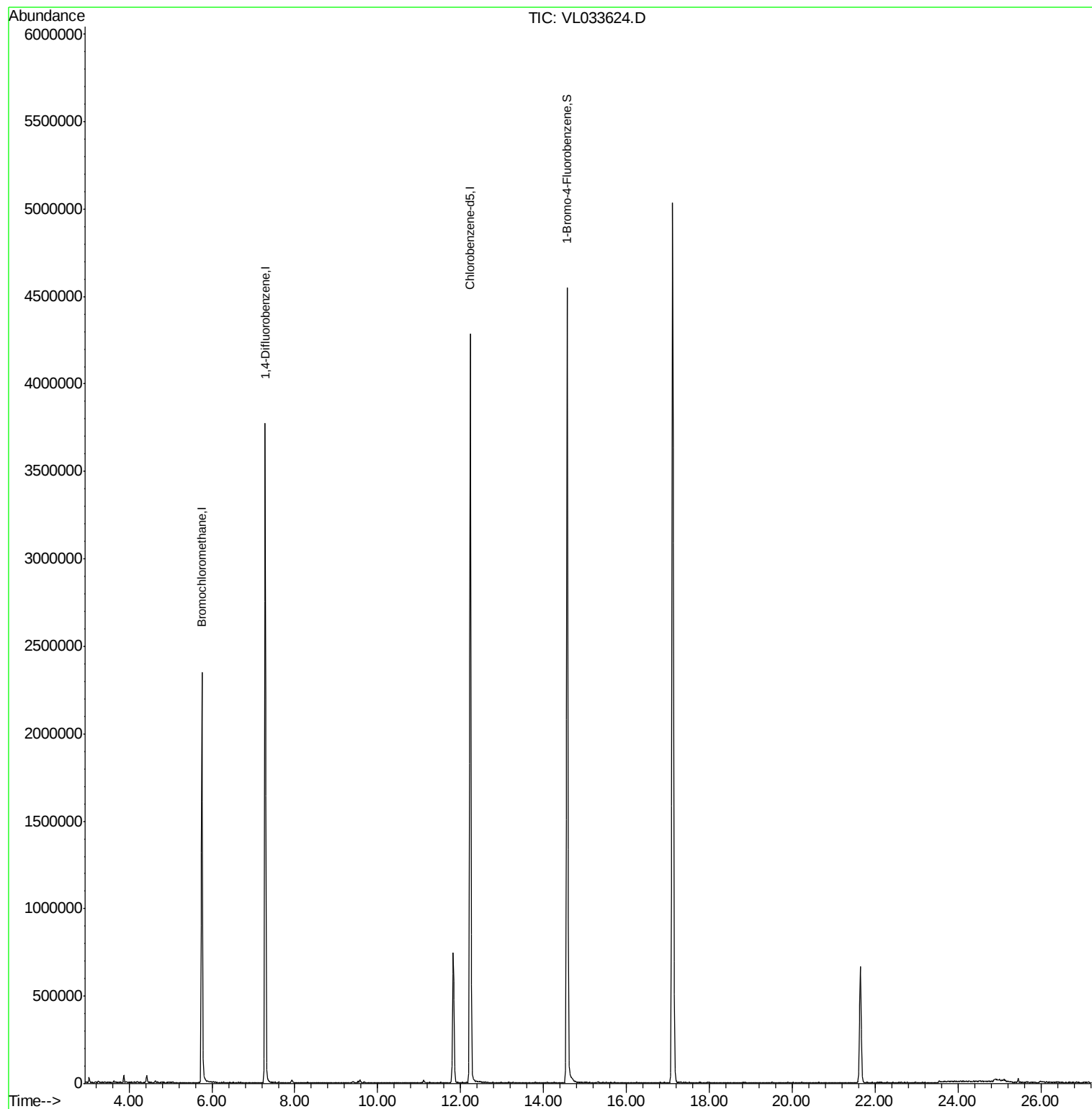
Target Compounds	Ovalue
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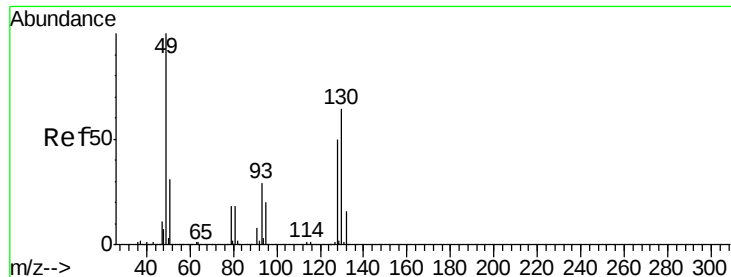
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.00 min

Lab File: VL033624.D

Acq: 2 May 2019 12:04

Instrument :

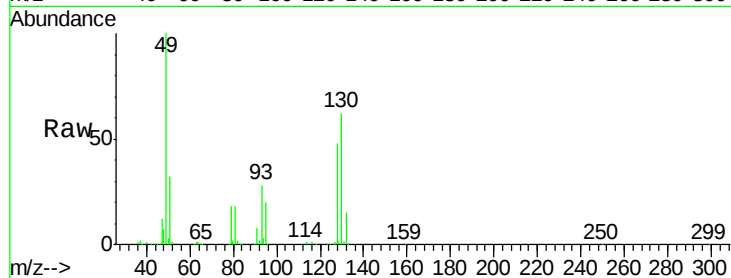
MSVOA_L

ClientSampleId :

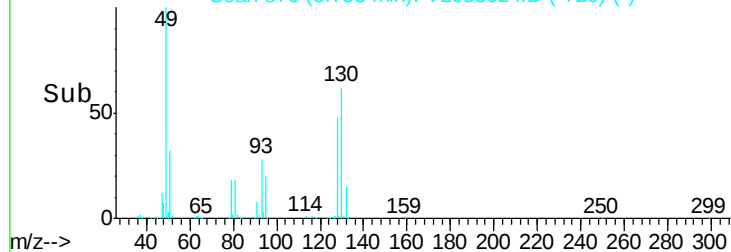
VL0502ABL01

Tot Ion: 49 Resp: 1092194

Ion	Ratio	Lower	Upper
49	100		
128	48.7	25.0	75.0
130	63.8	31.9	95.9



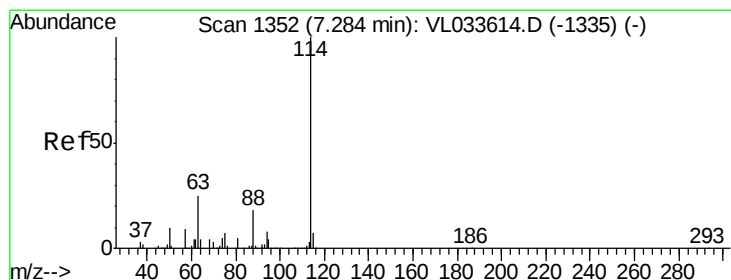
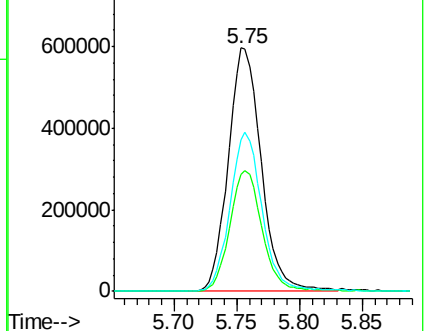
Scan 876 (5.753 min): VL033624.D (-720) (-)



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: 7.28 min Scan# 1352

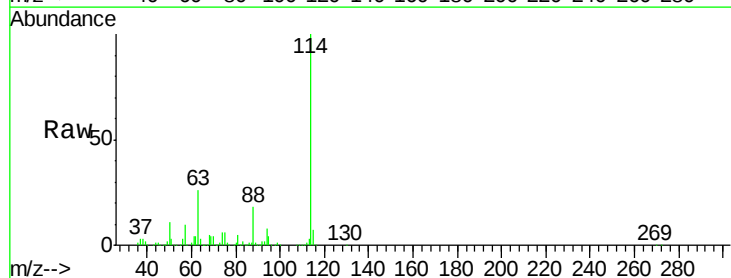
Delta R.T. -0.00 min

Lab File: VL033624.D

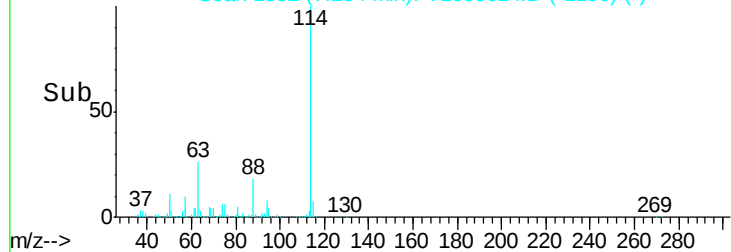
Acq: 2 May 2019 12:04

Tgt Ion: 114 Resp: 2617012

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.1	31.7
88	18.0	14.2	21.4



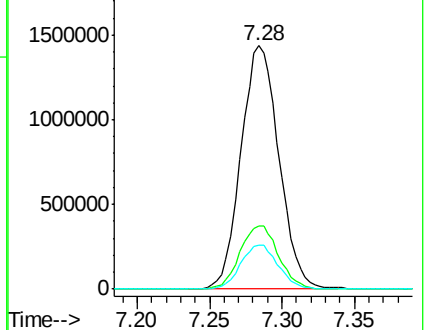
Scan 1352 (7.284 min): VL033624.D (-1196) (-)

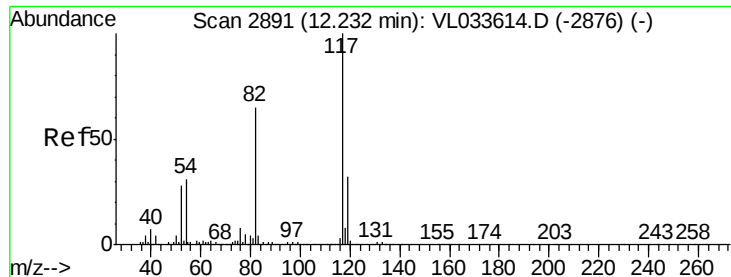


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

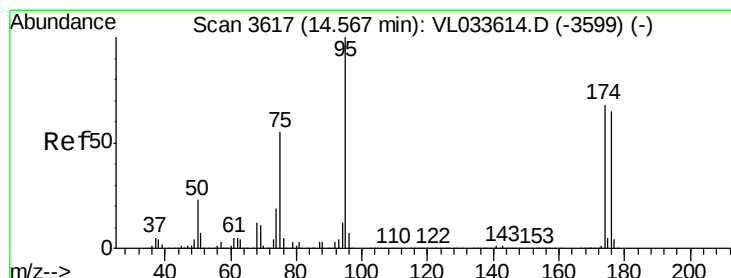
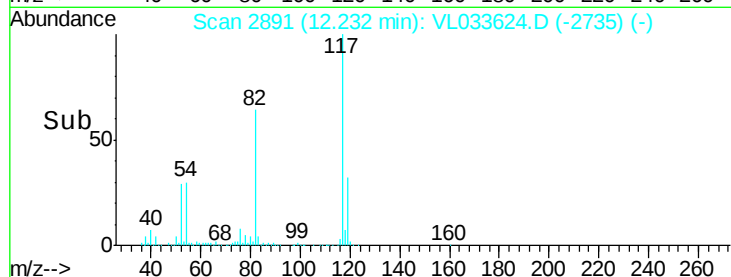
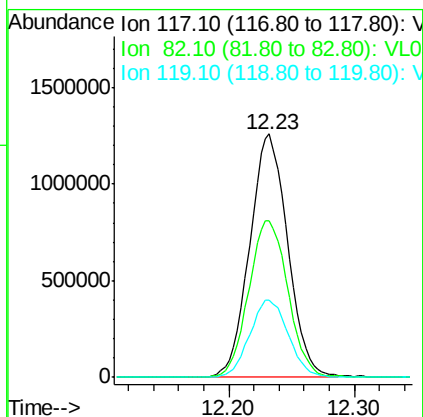
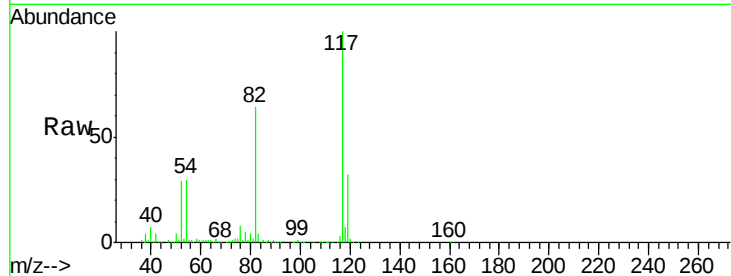




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL033624.D
Acq: 2 May 2019 12:04

Instrument :
MSVOA_L
ClientSampleId :
VL0502ABL01

Tot Ion:117 Resp: 2650903
Ion Ratio Lower Upper
117 100
82 67.2 52.6 78.8
119 32.7 28.3 42.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.652 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL033624.D
Acq: 2 May 2019 12:04

Tgt Ion: 95 Resp: 2149725
Ion Ratio Lower Upper
95 100
174 67.5 53.9 80.9
175 4.8 4.0 6.0

