

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034338.D
 Acq On : 18 Oct 2019 10:36
 Operator : SY/AP
 Sample : K5409-02DL 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Quant Time: Oct 20 19:31:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	850519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1721637	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1763779	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1456856	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

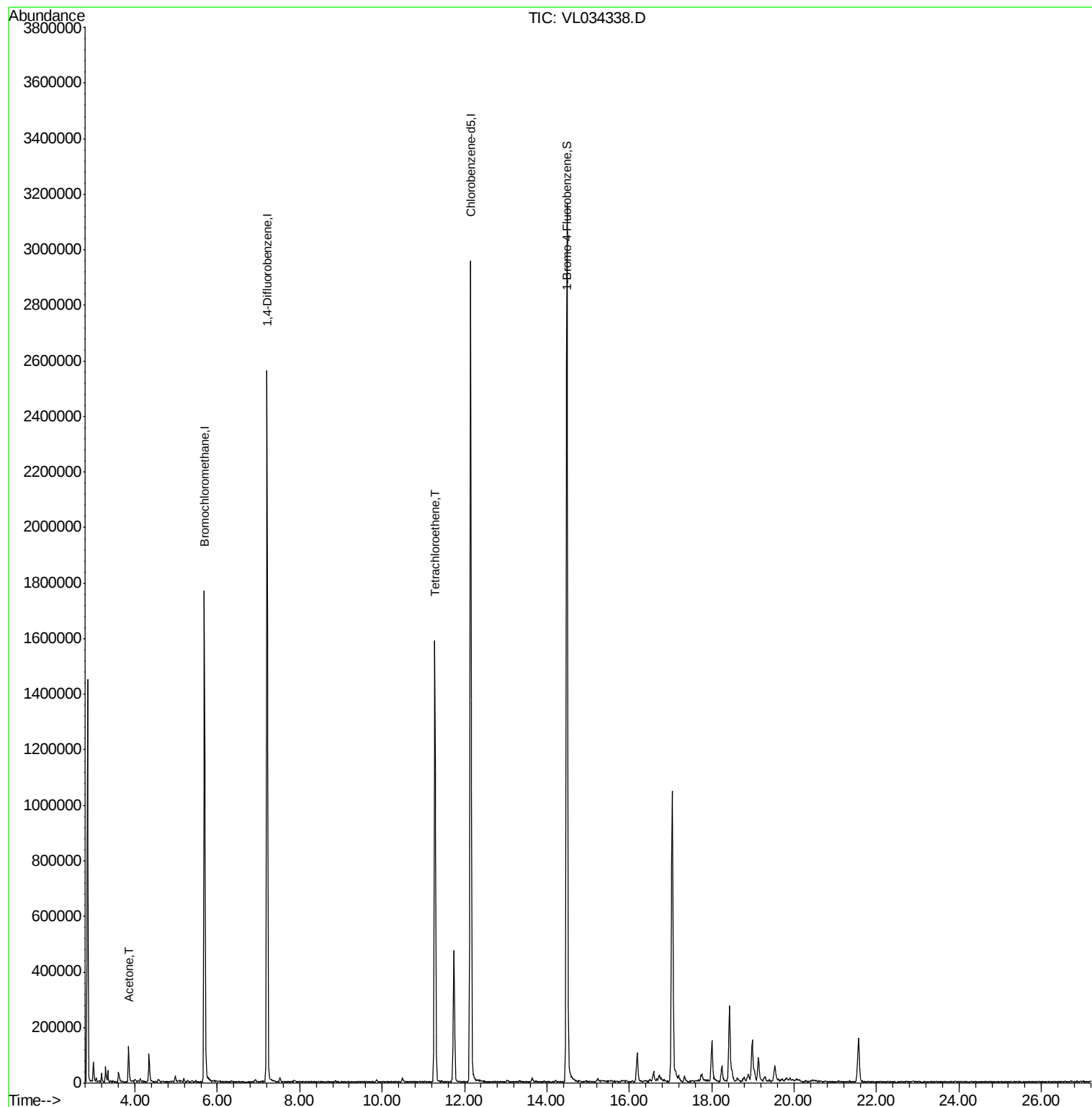
Target Compounds					Ovalue
15) Acetone	3.85	43	122288	1.005	ppbv 100
52) Tetrachloroethene	11.28	164	378855	5.851	ppbv 96

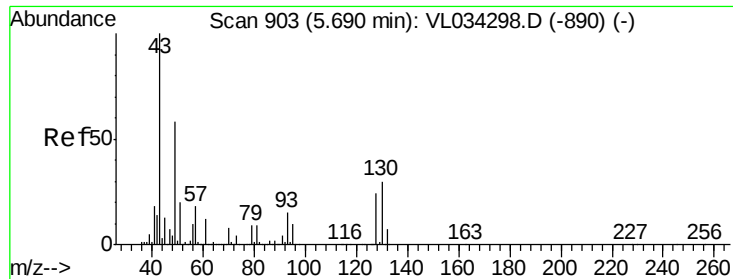
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

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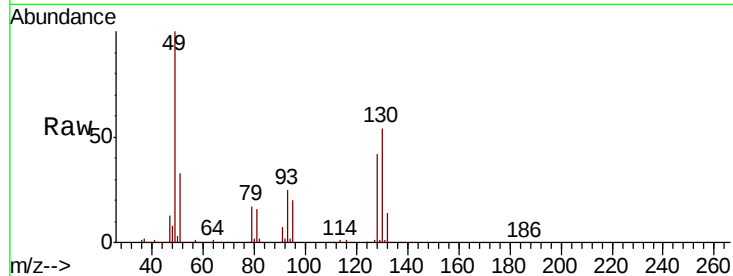
Tot Ion: 49 Resp: 850519

Ion Ratio Lower Upper

49 100

128 42.8 20.6 61.8

130 54.7 26.2 78.5



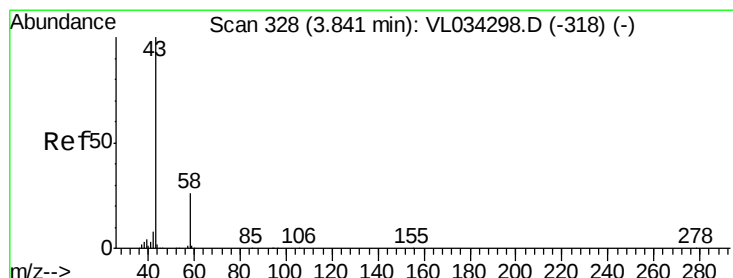
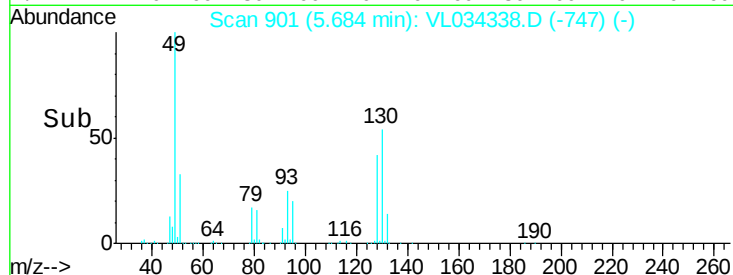
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.68

Time-->



#15

Acetone

Concen: 1.005 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.01 min

Lab File: VL034338.D

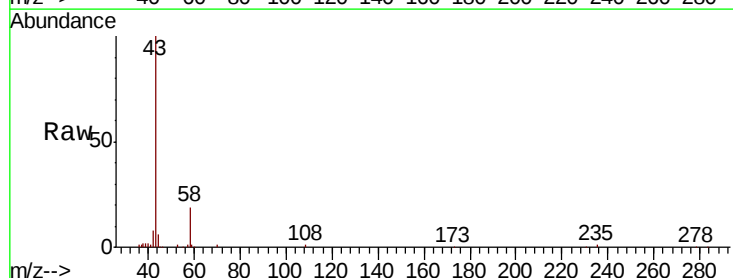
Acq: 18 Oct 2019 10:36

Tgt Ion: 43 Resp: 122288

Ion Ratio Lower Upper

43 100

58 25.4 20.4 30.6

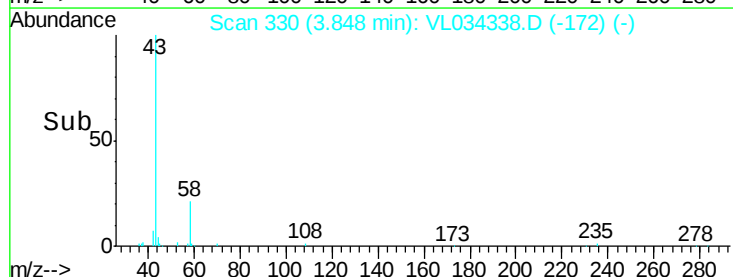


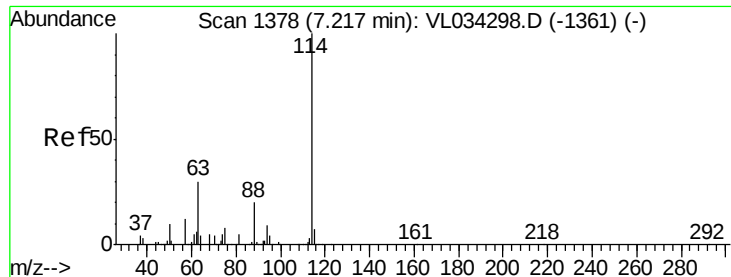
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.85

Time-->

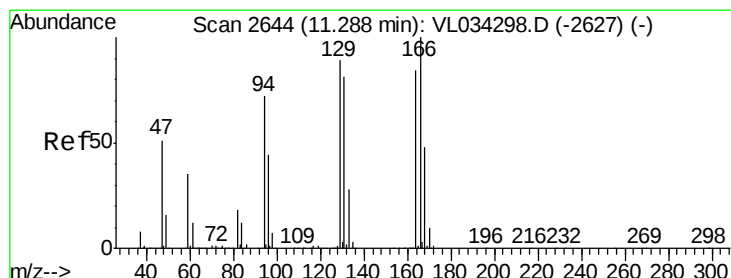
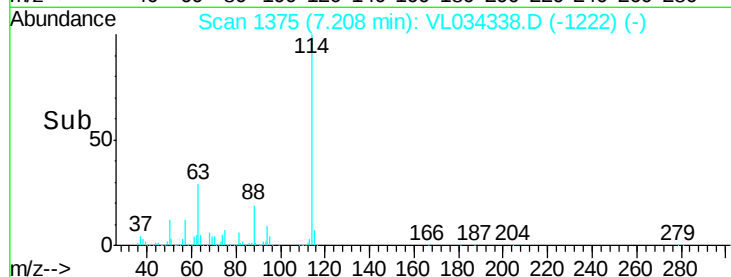
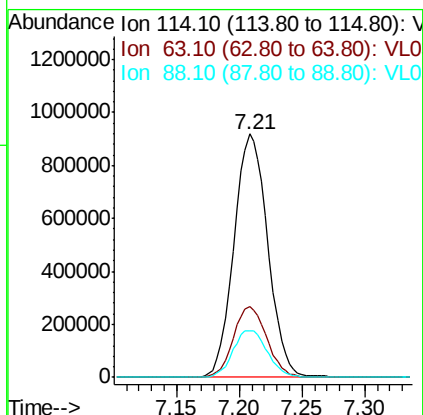
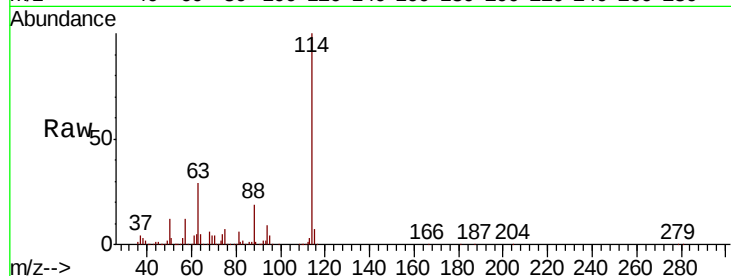




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VL034338.D
Acq: 18 Oct 2019 10:36

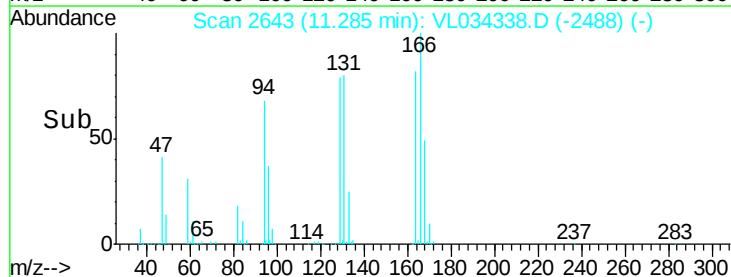
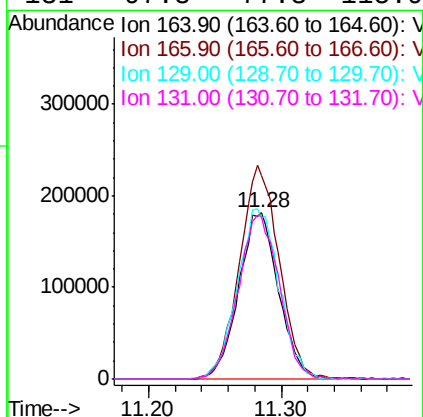
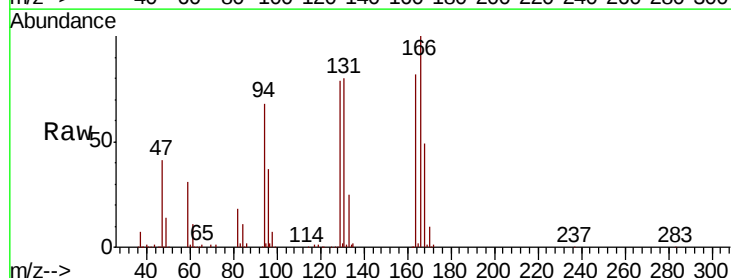
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

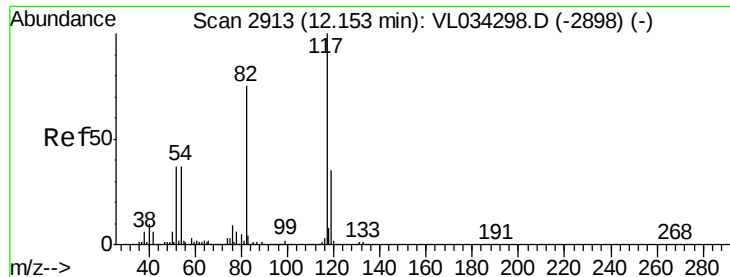
Tot Ion:114 Resp: 1721637
Ion Ratio Lower Upper
114 100
63 28.7 25.2 37.8
88 19.6 16.0 24.0



#52
Tetrachloroethene
Concen: 5.851 ppbv
RT: 11.28 min Scan# 2643
Delta R.T. -0.00 min
Lab File: VL034338.D
Acq: 18 Oct 2019 10:36

Tgt Ion:164 Resp: 378855
Ion Ratio Lower Upper
164 100
166 122.4 95.3 142.9
129 97.3 84.5 126.7
131 97.8 77.3 115.9

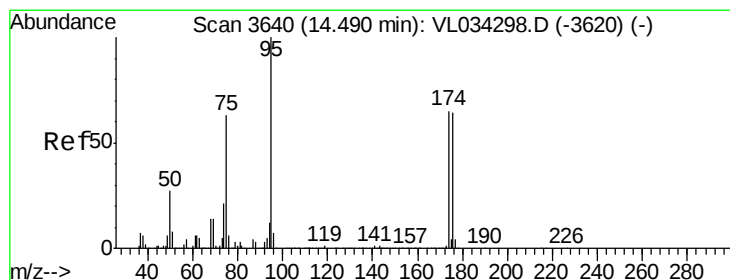
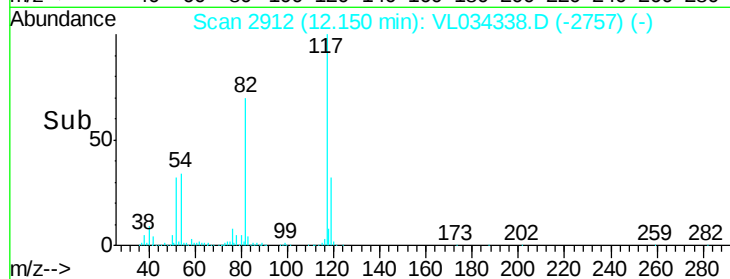
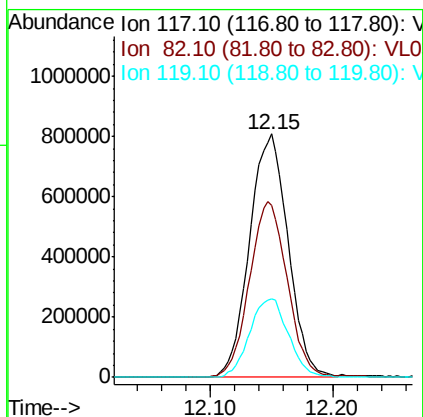
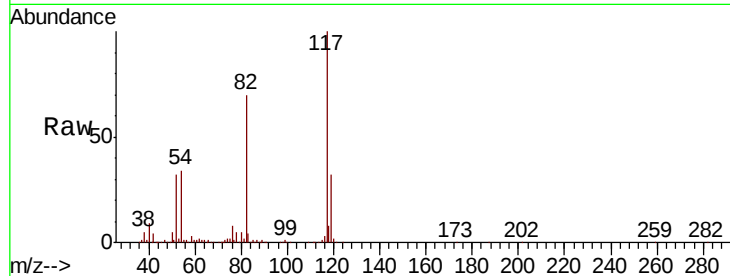




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034338.D
Acq: 18 Oct 2019 10:36

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tot Ion:117 Resp: 1763779
Ion Ratio Lower Upper
117 100
82 71.3 55.5 83.3
119 32.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. -0.01 min
Lab File: VL034338.D
Acq: 18 Oct 2019 10:36

Tgt Ion: 95 Resp: 1456856
Ion Ratio Lower Upper
95 100
174 68.4 52.6 78.8
175 4.9 3.8 5.6

