

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032761.D
 Acq On : 14 Nov 2018 16:27
 Operator : SY/AP
 Sample : J5896-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: Nov 15 06:18:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1558551	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3858946	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3495482	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2688053	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

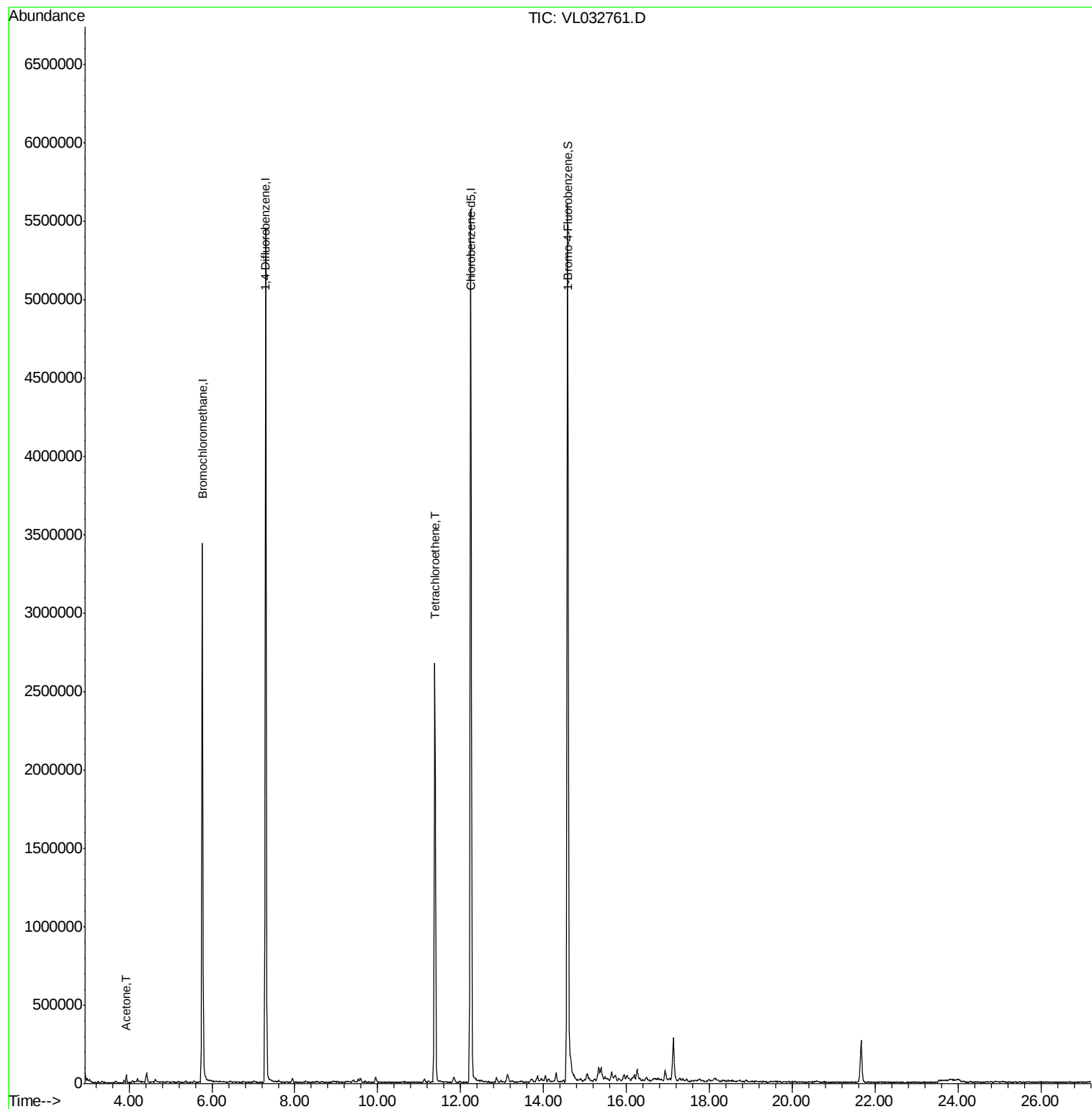
Target Compounds					Ovalue
15) Acetone	3.93	43	46385	0.326 ppbv	94
52) Tetrachloroethene	11.38	164	628787	5.882 ppbv	97

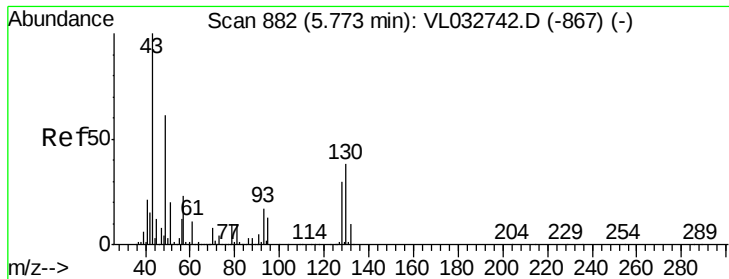
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032761.D

Acq: 14 Nov 2018 16:27

Instrument :

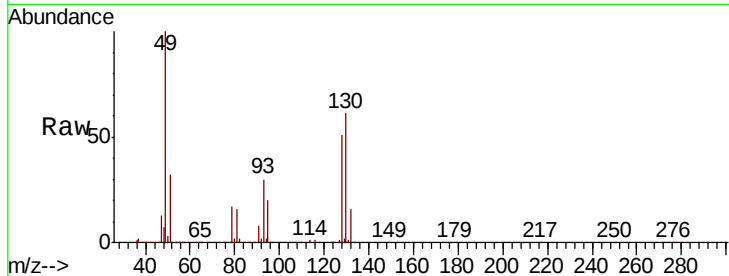
MSVOA_L

ClientSampleId :

SV1DL

Tot Ion: 49 Resp: 1558551

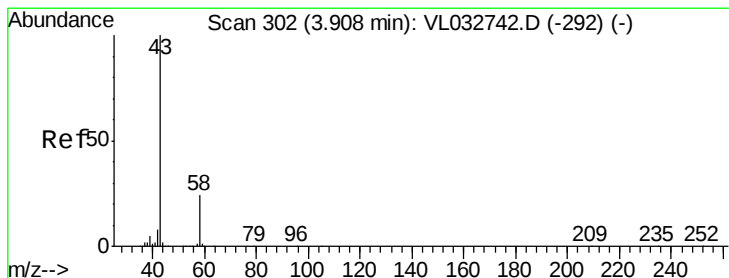
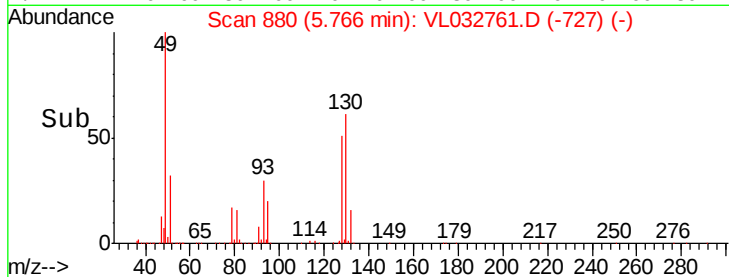
Ion	Ratio	Lower	Upper
49	100		
128	50.6	24.9	74.6
130	64.2	31.4	94.2



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



#15

Acetone

Concen: 0.326 ppbv

RT: 3.93 min Scan# 309

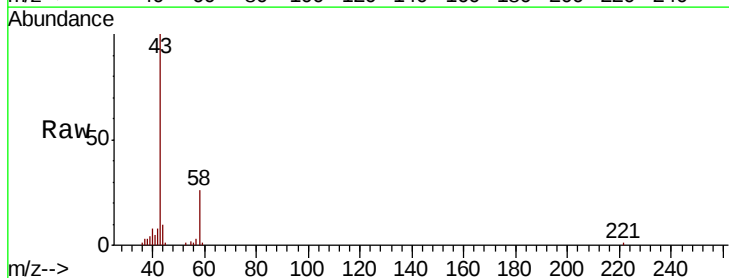
Delta R.T. 0.02 min

Lab File: VL032761.D

Acq: 14 Nov 2018 16:27

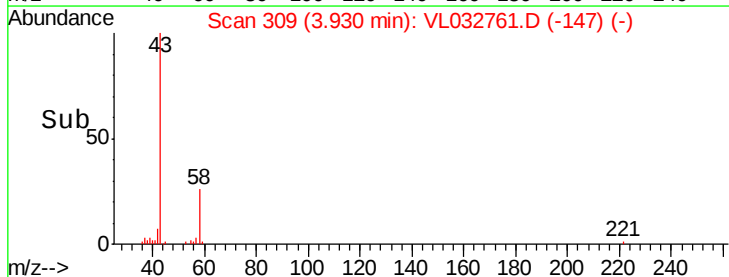
Tgt Ion: 43 Resp: 46385

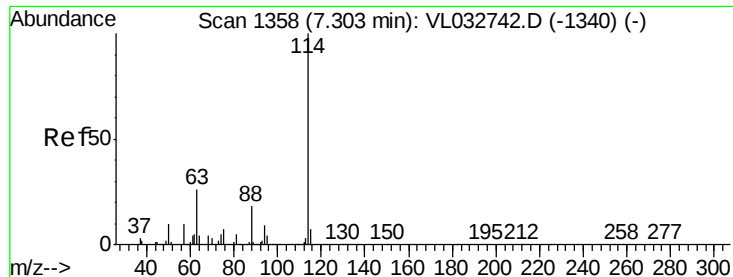
Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.1	31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

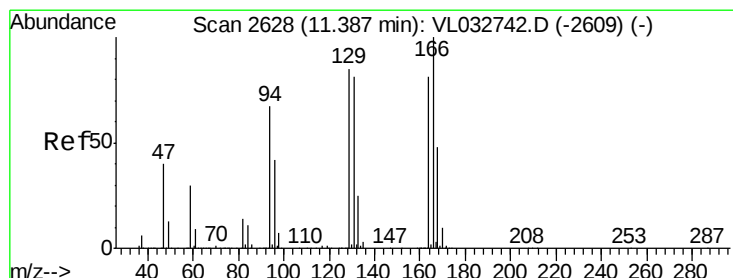
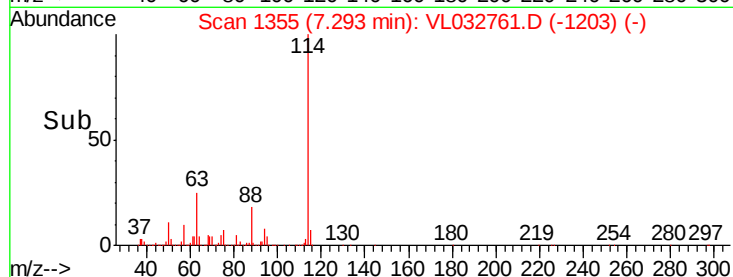
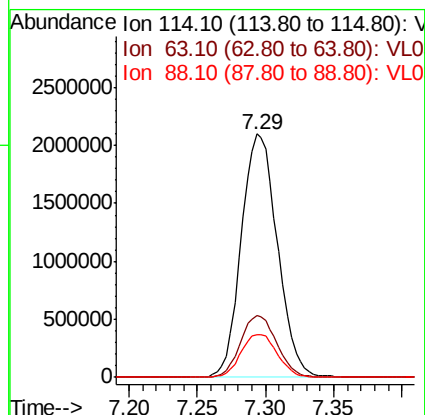
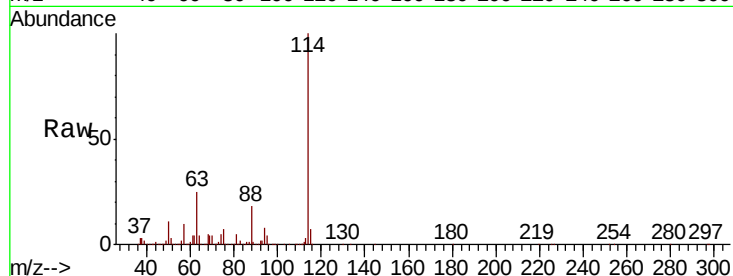




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032761.D
 Acq: 14 Nov 2018 16:27

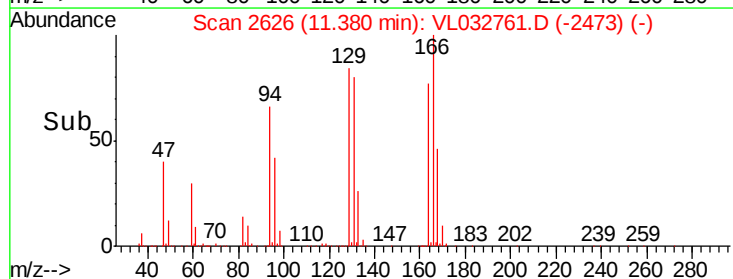
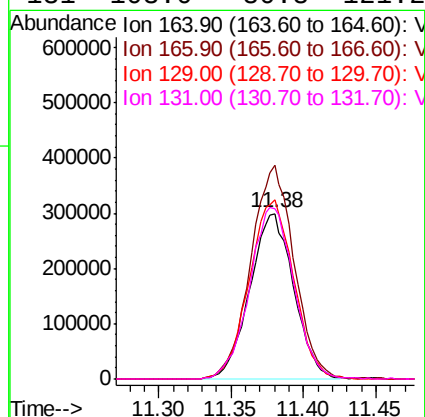
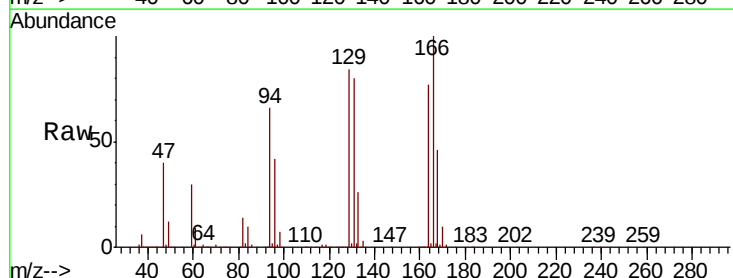
Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

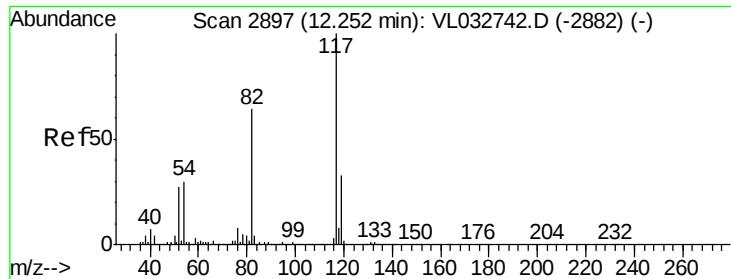
Tot Ion:114 Resp: 3858946
 Ion Ratio Lower Upper
 114 100
 63 25.5 20.9 31.3
 88 17.8 14.4 21.6



#52
 Tetrachloroethene
 Concen: 5.882 ppbv
 RT: 11.38 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: VL032761.D
 Acq: 14 Nov 2018 16:27

Tgt Ion:164 Resp: 628787
 Ion Ratio Lower Upper
 164 100
 166 128.9 99.3 148.9
 129 108.3 83.9 125.9
 131 103.0 80.8 121.2

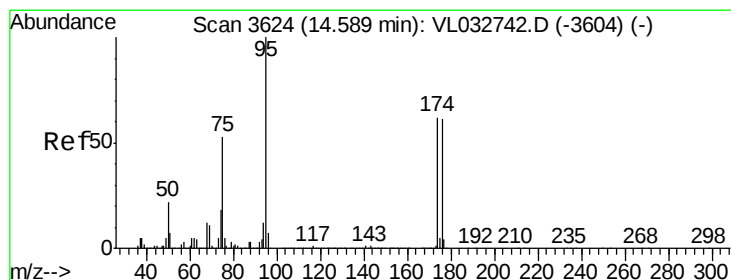
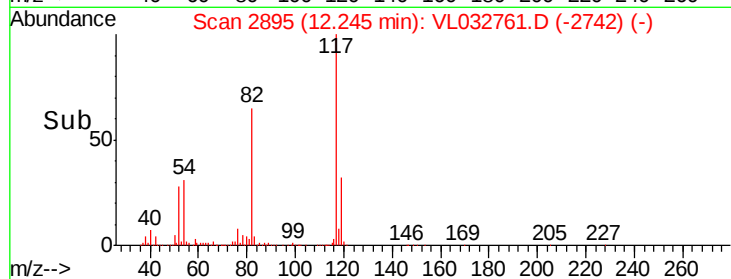
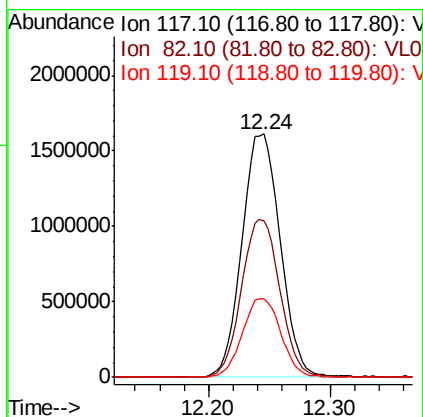
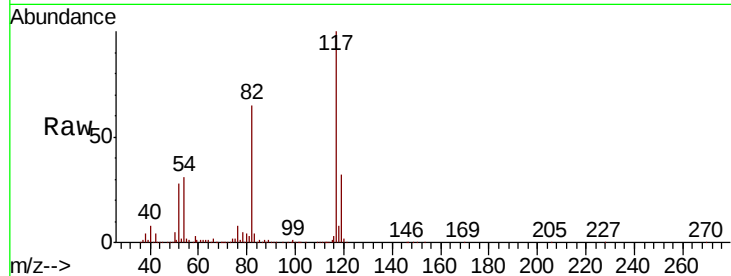




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032761.D
Acq: 14 Nov 2018 16:27

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion:117 Resp: 3495482
Ion Ratio Lower Upper
117 100
82 65.6 51.0 76.6
119 32.8 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.282 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032761.D
Acq: 14 Nov 2018 16:27

Tgt Ion: 95 Resp: 2688053
Ion Ratio Lower Upper
95 100
174 64.1 50.7 76.1
175 4.6 3.8 5.6

