

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL051618\
 Data File : VL032005.D
 Acq On : 16 May 2018 17:41
 Operator : SY/AP
 Sample : VL0516ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0516ABL01

Quant Time: May 17 09:10:28 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL050318AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018
 QLast Update : Thu May 03 15:52:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1546113	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.41	114	2249389	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.37	117	2355405	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1872120	10.25	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

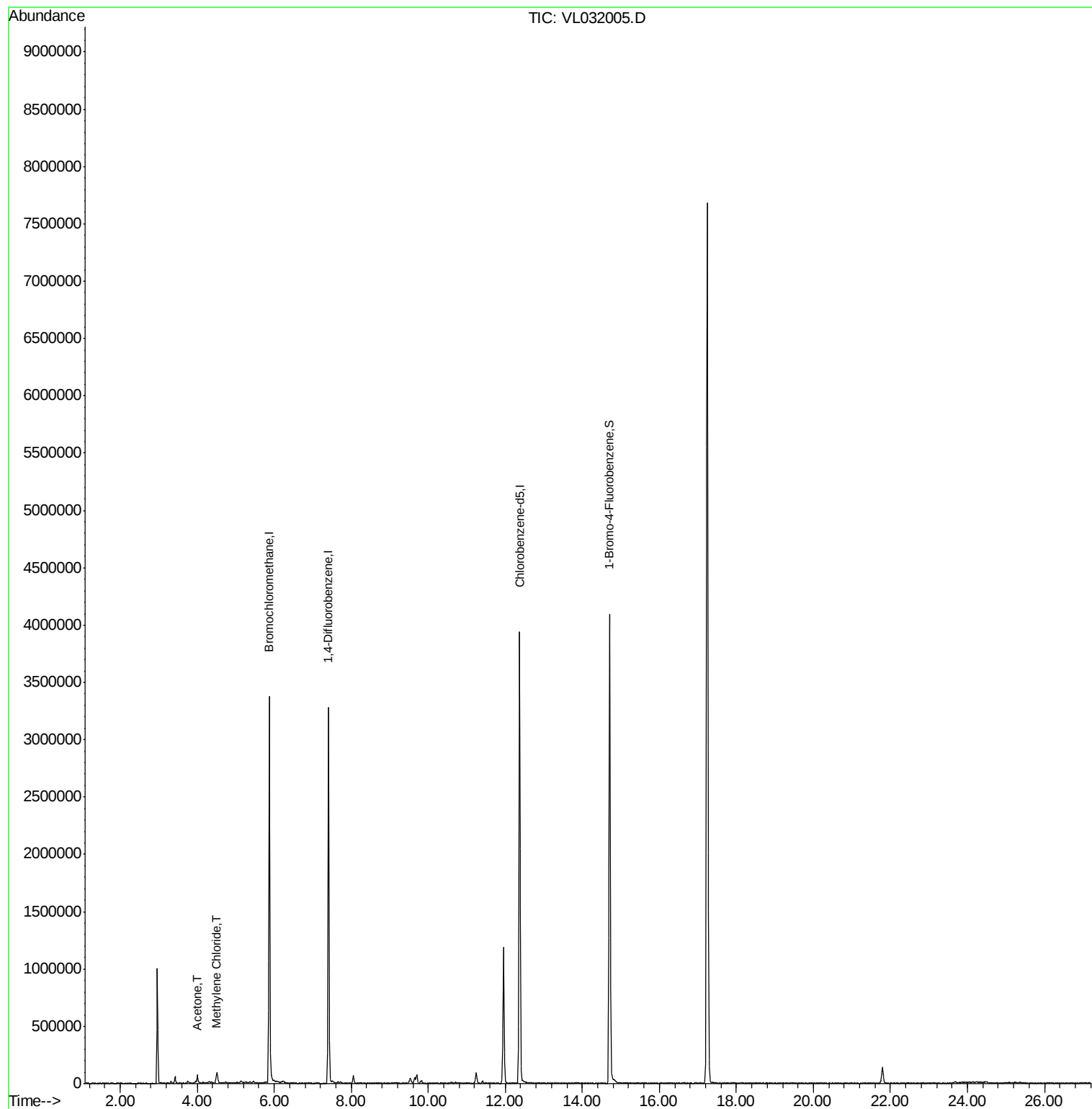
Target Compounds						Ovalue
15) Acetone	4.00	43	74839	0.34	ppbv #	88
20) Methylene Chloride	4.51	84	22708	0.31	ppbv #	94

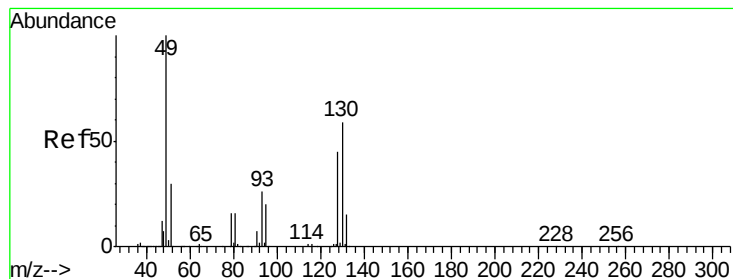
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.87 min Scan# 1488

Delta R.T. -0.01 min

Lab File: VL032005.D

Acq: 16 May 2018 17:41

Instrument :

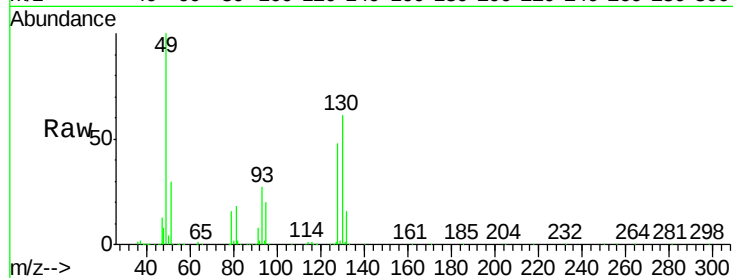
MSVOA_L

ClientSampleId :

VL0516ABL01

Tot Ion: 49 Resp: 1546113

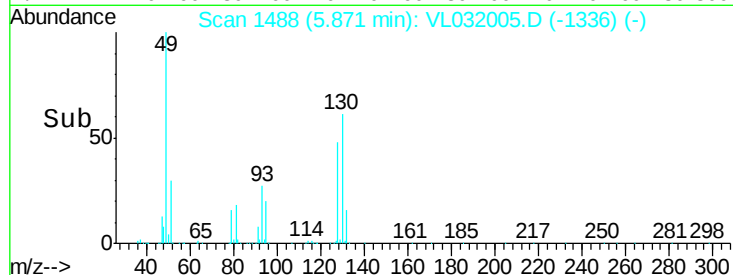
Ion	Ratio	Lower	Upper
49	100		
128	49.6	24.1	72.3
130	63.9	30.7	92.1



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



Scan 1488 (5.871 min): VL032005.D (-1336) (-)

#15

Acetone

Concen: 0.34 ppbv

RT: 4.00 min Scan# 906

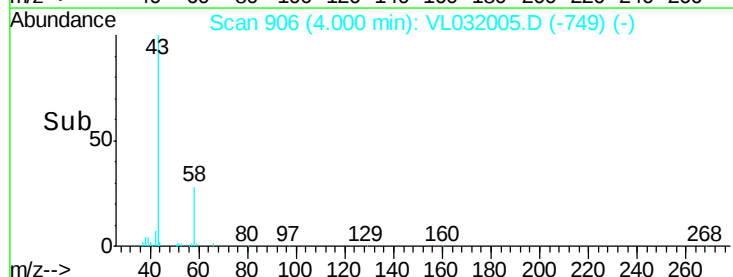
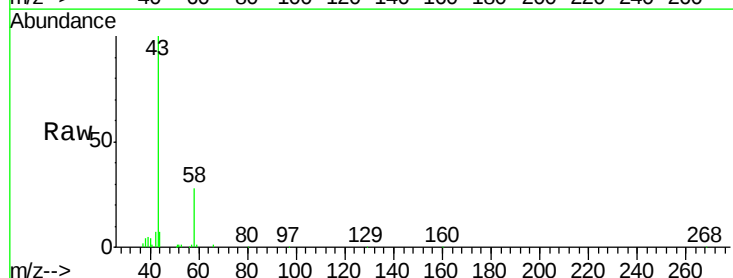
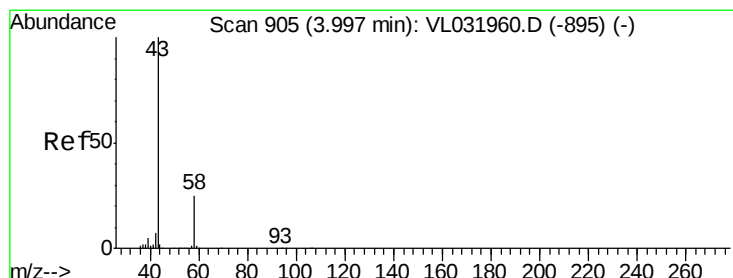
Delta R.T. 0.00 min

Lab File: VL032005.D

Acq: 16 May 2018 17:41

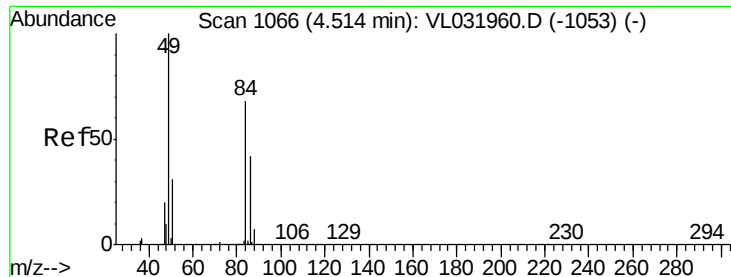
Tgt Ion: 43 Resp: 74839

Ion	Ratio	Lower	Upper
43	100		
58	32.5	21.1	31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

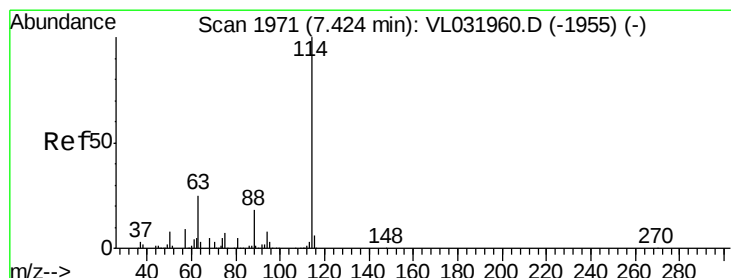
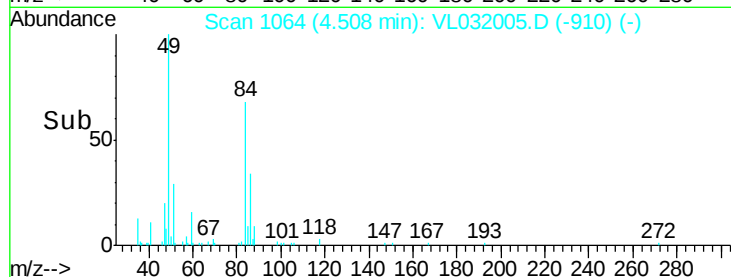
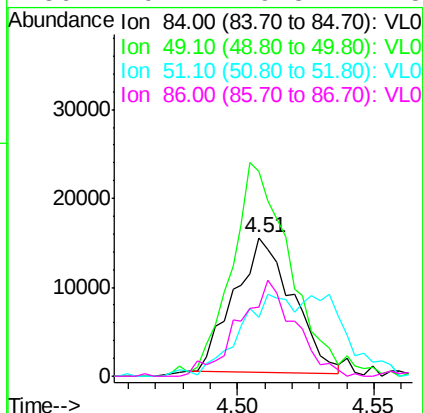
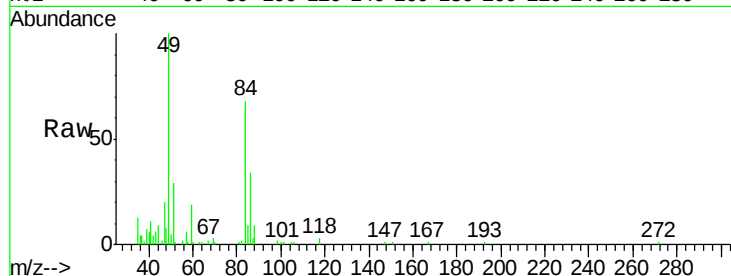
Ion 58.10 (57.80 to 58.80): VL0



#20
Methylene Chloride
Concen: 0.31 ppbv
RT: 4.51 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VL032005.D
Acq: 16 May 2018 17:41

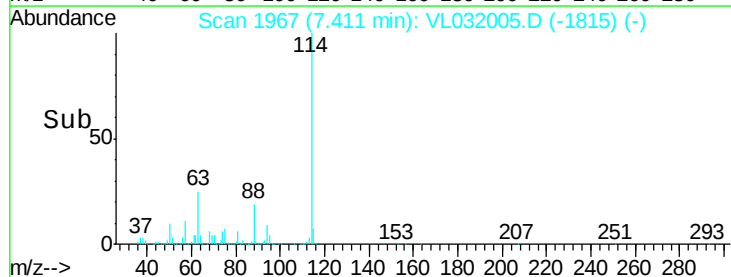
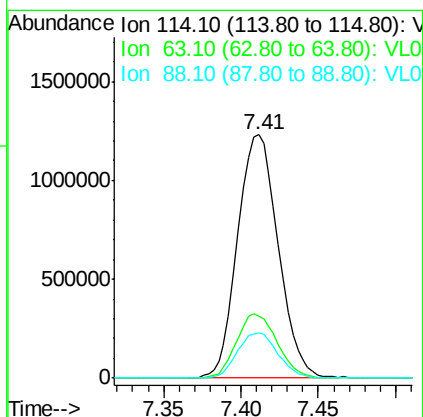
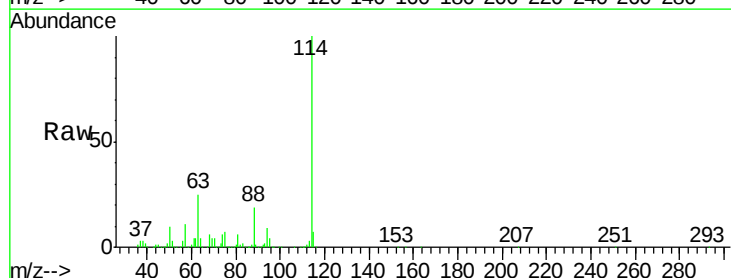
Instrument :
MSVOA_L
ClientSampleId :
VL0516ABL01

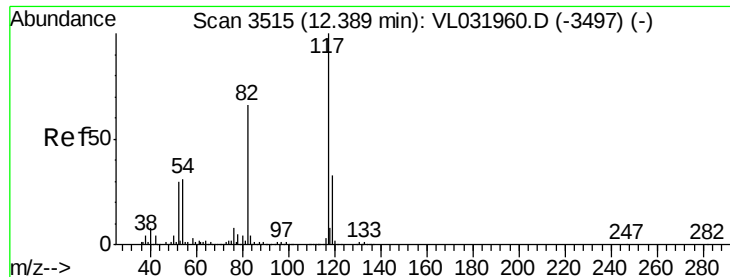
Tot Ion: 84 Resp: 22708
Ion Ratio Lower Upper
84 100
49 150.1 118.6 178.0
51 40.2 36.6 54.8
86 49.4 49.8 74.8#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. -0.01 min
Lab File: VL032005.D
Acq: 16 May 2018 17:41

Tgt Ion: 114 Resp: 2249389
Ion Ratio Lower Upper
114 100
63 26.6 20.8 31.2
88 18.5 14.6 21.8

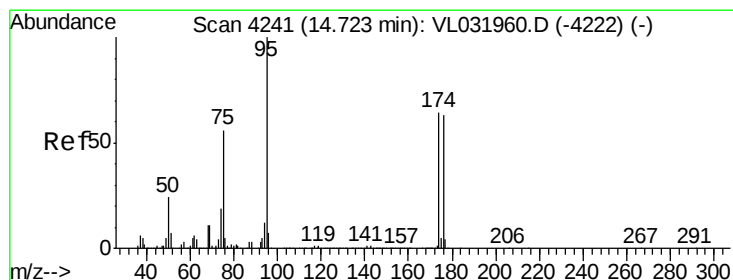
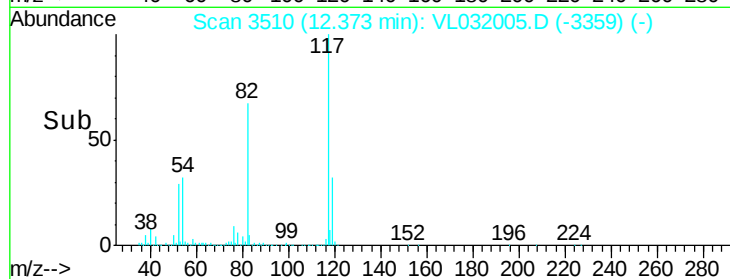
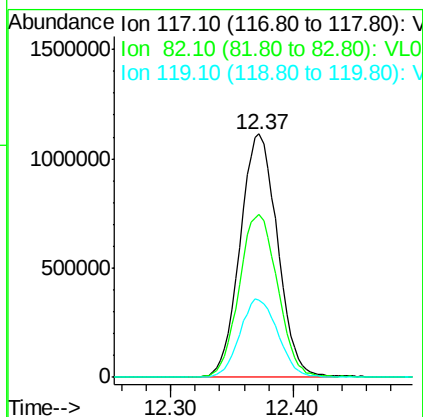
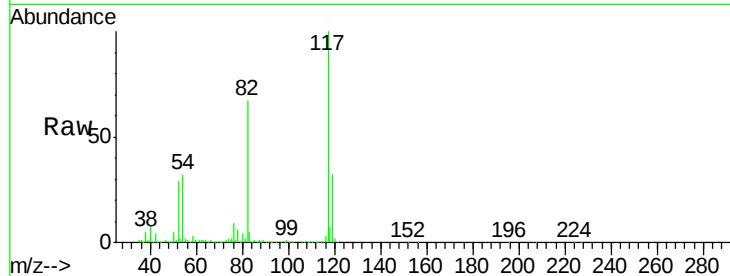




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3510
Delta R.T. -0.02 min
Lab File: VL032005.D
Acq: 16 May 2018 17:41

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 2355405
Ion Ratio Lower Upper
117 100
82 69.2 51.6 77.4
119 32.7 44.2 66.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.25 ppbv
RT: 14.71 min Scan# 4237
Delta R.T. -0.01 min
Lab File: VL032005.D
Acq: 16 May 2018 17:41

Tgt Ion: 95 Resp: 1872120
Ion Ratio Lower Upper
95 100
174 66.2 53.0 79.6
175 4.6 3.9 5.9

