

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031222.D
 Acq On : 14 Dec 2017 6:12
 Operator : SY/AP
 Sample : OC121117 CAN 10293
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 15 05:13:27 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1683388	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4022016	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4139232	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3041320	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

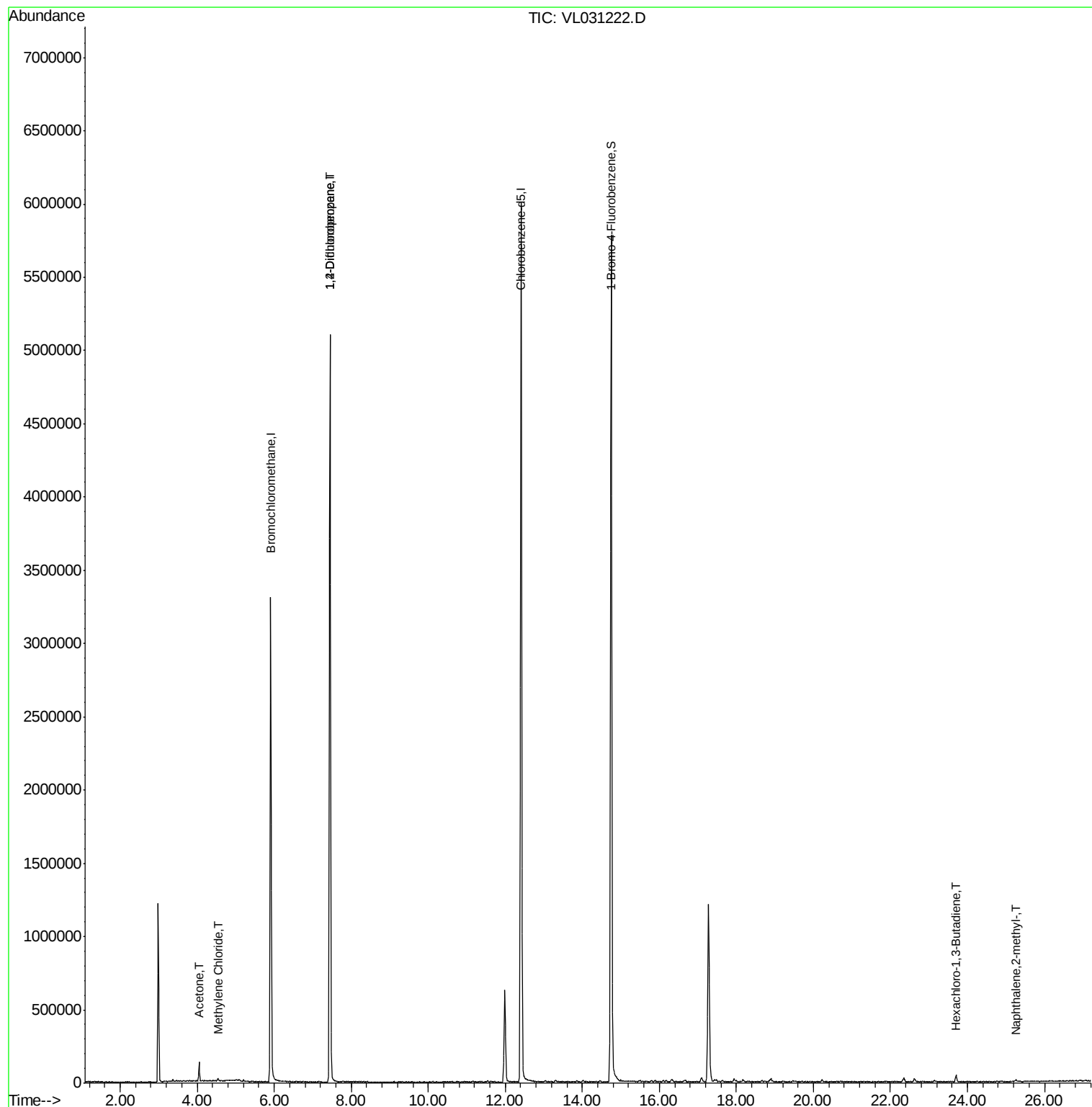
Target Compounds					Ovalue
15) Acetone	4.05	43	47664	0.215 ppbv #	73
20) Methylene Chloride	4.54	84	3250	0.044 ppbv #	66
39) 1,2-Dichloropropane	7.45	63	979393	6.499 ppbv #	26
78) Hexachloro-1,3-Butadiene	23.71	225	4724	0.059 ppbv #	21
80) Naphthalene,2-methyl-	25.25	142	8359	0.049 ppbv #	88

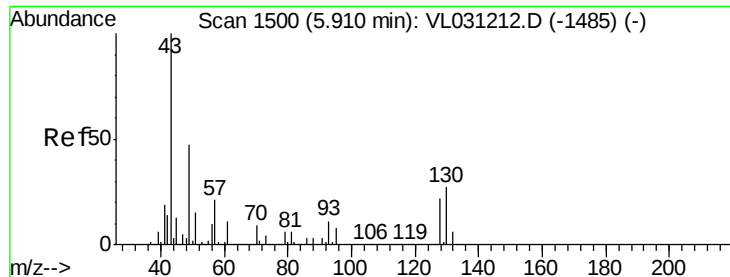
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VL031222.D

Acq: 14 Dec 2017 6:12

Instrument :
MSVOA_L
ClientSampled :

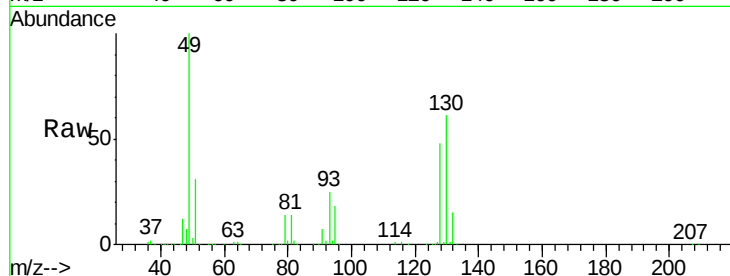
Tot Ion: 49 Resp: 1683388

Ion	Ratio	Lower	Upper
49	100		
128	49.2	23.2	69.5
130	63.1	29.6	88.8

49 100

128 49.2 23.2 69.5

130 63.1 29.6 88.8



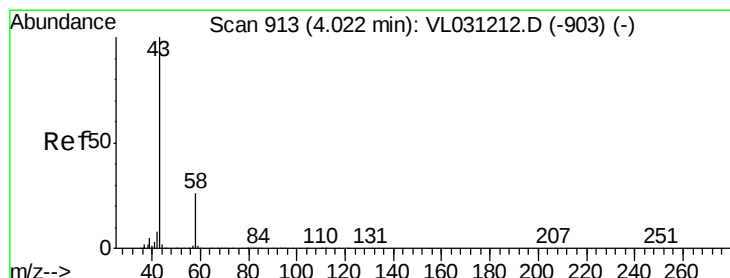
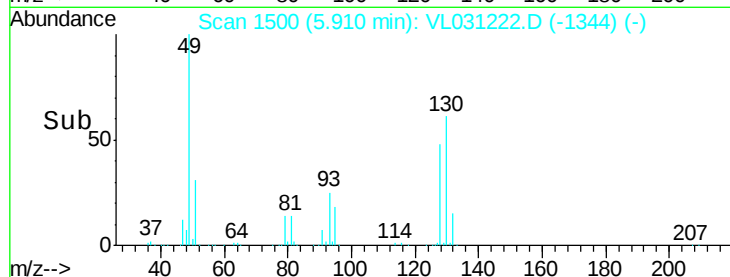
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.91

Time--> 5.80 5.85 5.90 5.95 6.00



#15

Acetone

Concen: 0.215 ppbv

RT: 4.05 min Scan# 923

Delta R.T. 0.03 min

Lab File: VL031222.D

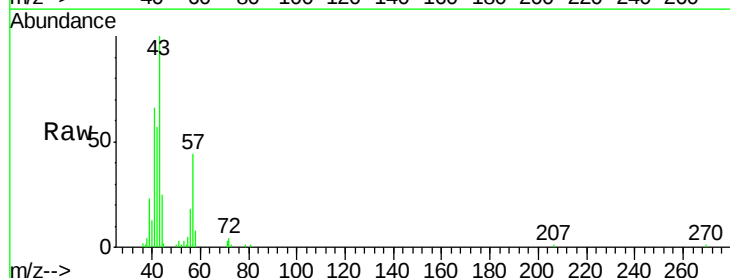
Acq: 14 Dec 2017 6:12

Tgt Ion: 43 Resp: 47664

Ion	Ratio	Lower	Upper
43	100		
58	11.8	20.3	30.5

43 100

58 11.8 20.3 30.5

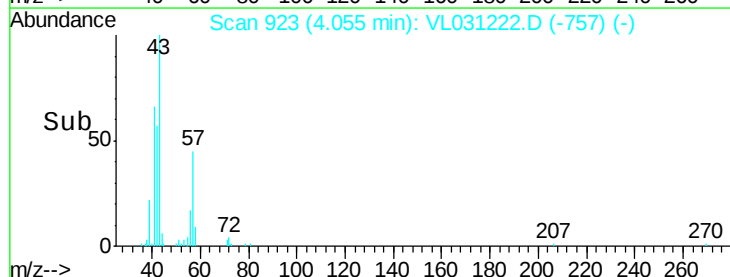


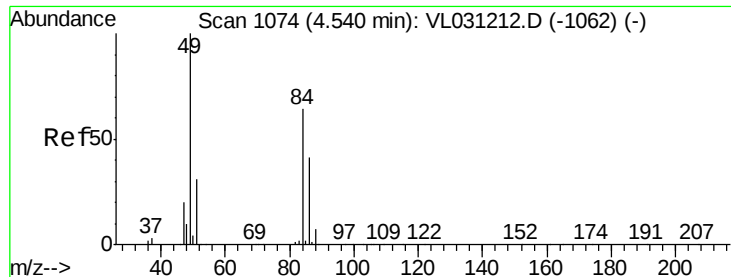
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.05

Time--> 4.00 4.05 4.10

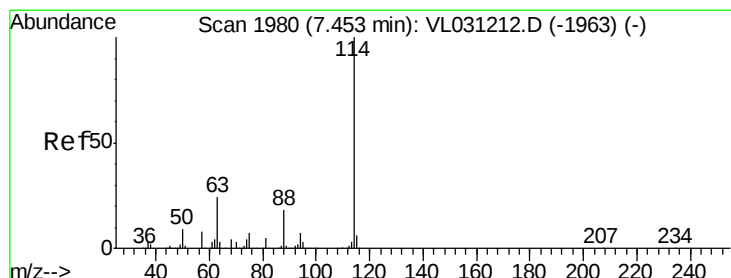
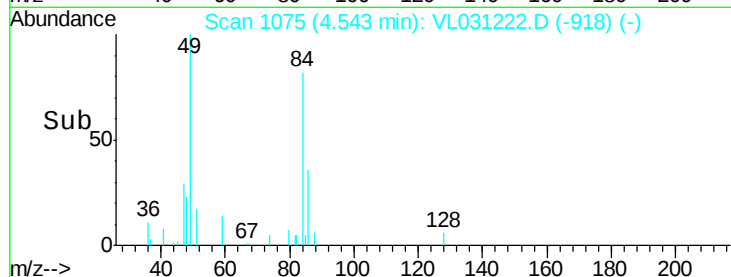
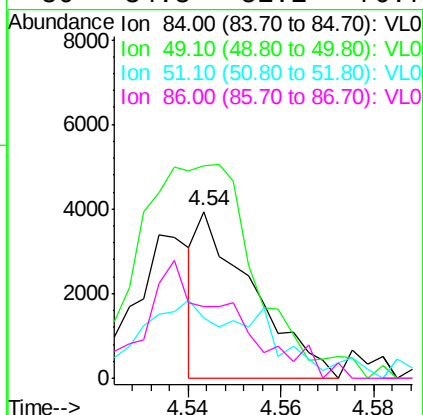
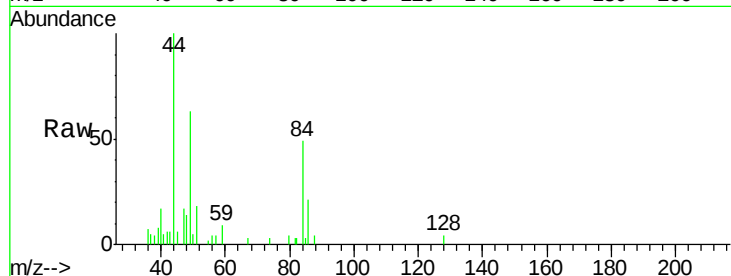




#20
Methvlene Chloride
Concen: 0.044 ppbv
RT: 4.54 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VL031222.D
Acq: 14 Dec 2017 6:12

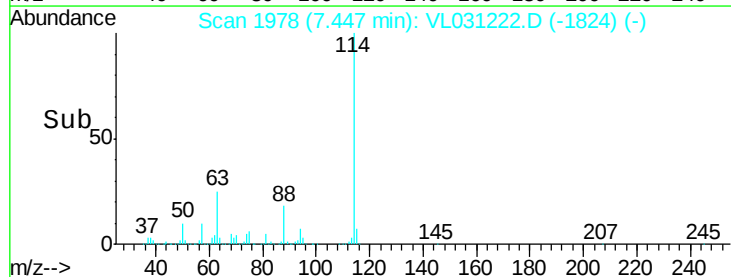
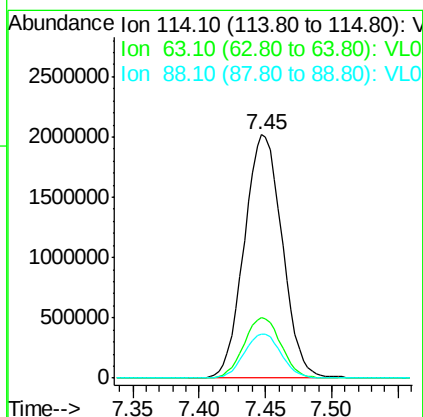
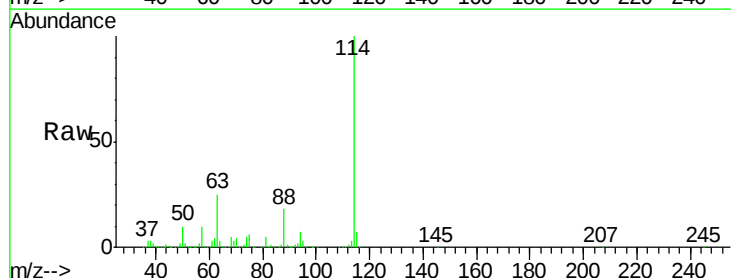
Instrument :
MSVOA_L
ClientSampleId :

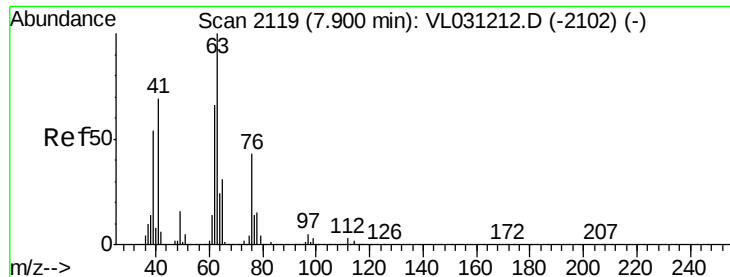
Tot Ion: 84 Resp: 3250
Ion Ratio Lower Upper
84 100
49 114.7 125.8 188.6#
51 26.7 39.3 58.9#
86 34.3 51.1 76.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031222.D
Acq: 14 Dec 2017 6:12

Tgt Ion: 114 Resp: 4022016
Ion Ratio Lower Upper
114 100
63 24.5 19.8 29.8
88 17.9 14.2 21.4

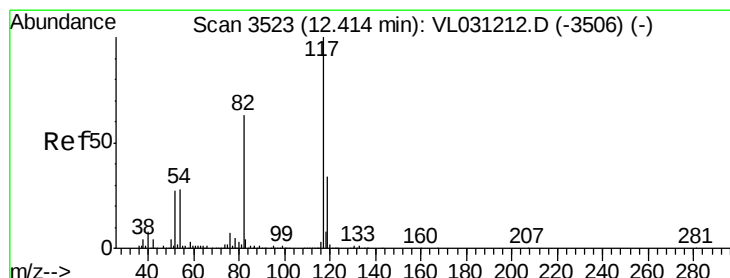
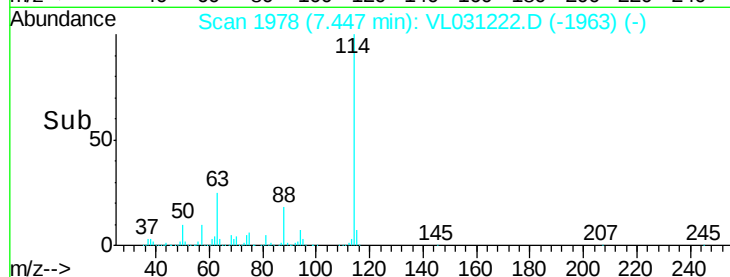
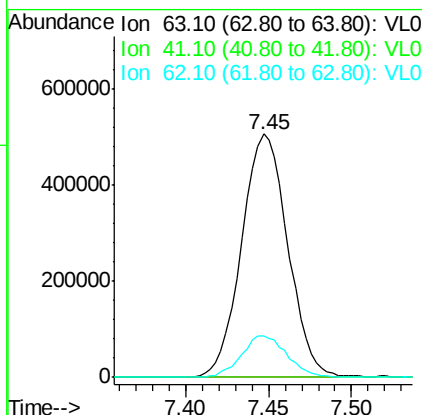
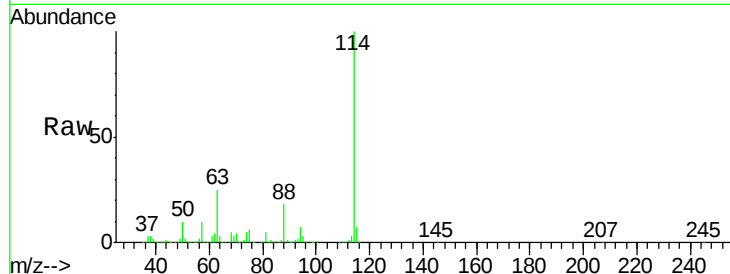




#39
 1,2-Dichloropropane
 Concen: 6.499 ppbv
 RT: 7.45 min Scan# 1978
 Delta R.T. -0.45 min
 Lab File: VL031222.D
 Acq: 14 Dec 2017 6:12

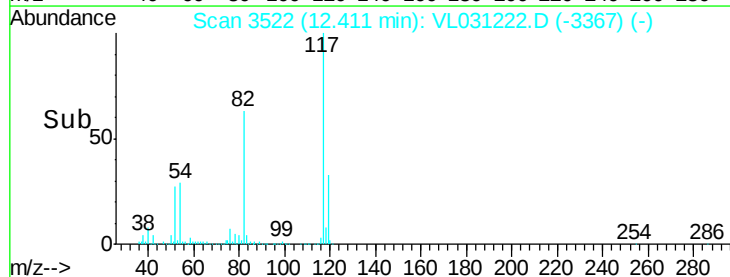
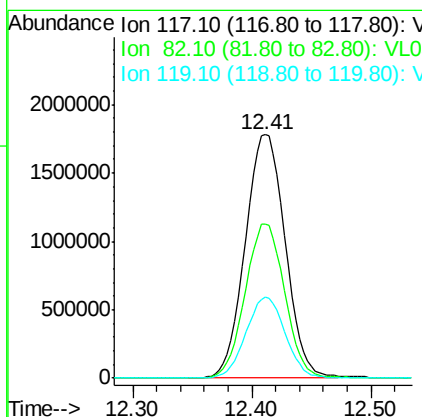
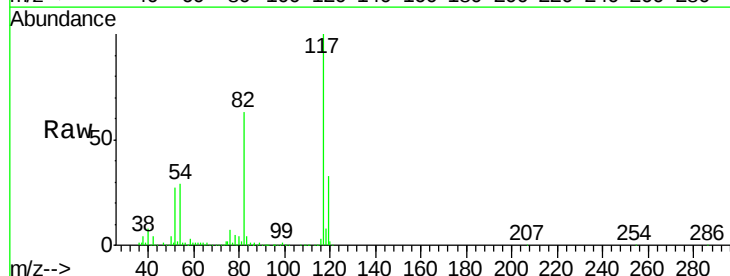
Instrument :
 MSVOA_L
 ClientSampleId :

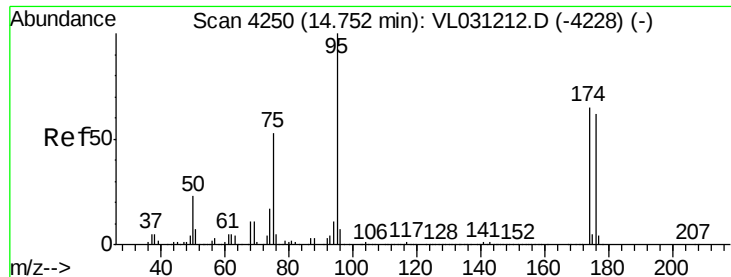
Tot Ion: 63 Resp: 979393
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.2 82.8#
 62 16.8 53.0 79.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.41 min Scan# 3522
 Delta R.T. -0.00 min
 Lab File: VL031222.D
 Acq: 14 Dec 2017 6:12

Tgt Ion: 117 Resp: 4139232
 Ion Ratio Lower Upper
 117 100
 82 63.0 48.1 72.1
 119 32.9 23.1 34.7

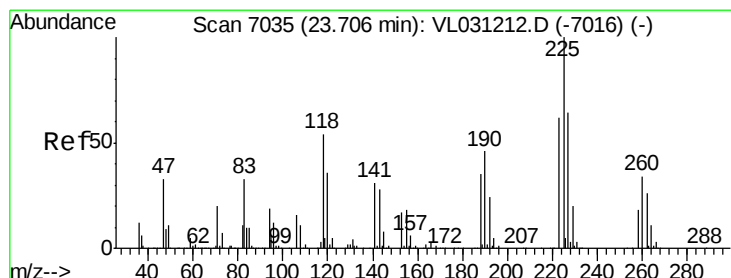
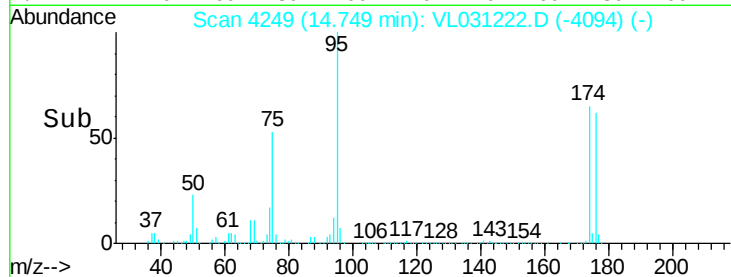
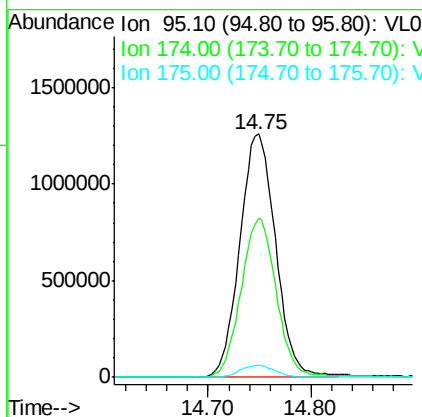
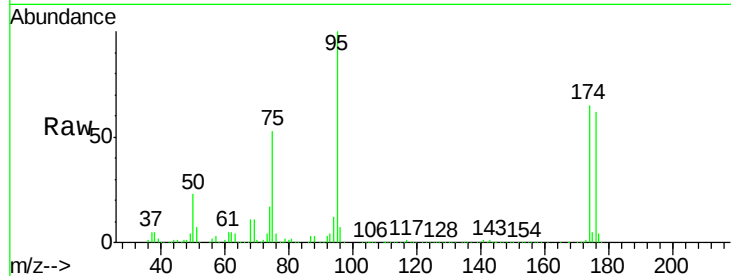




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.330 ppbv
 RT: 14.75 min Scan# 4249
 Delta R.T. -0.00 min
 Lab File: VL031222.D
 Acq: 14 Dec 2017 6:12

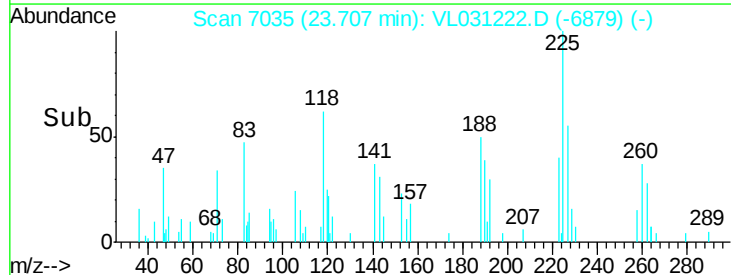
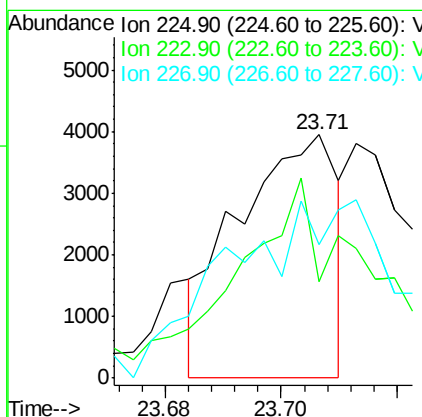
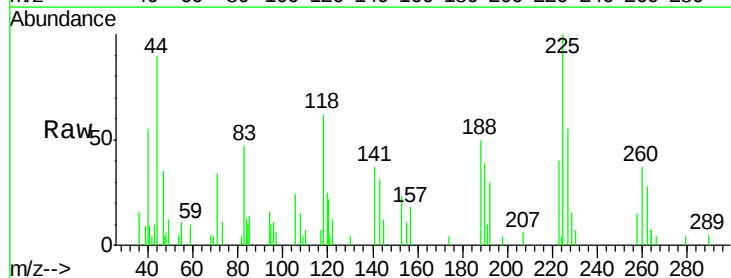
Instrument :
 MSVOA_L
 ClientSampleId :

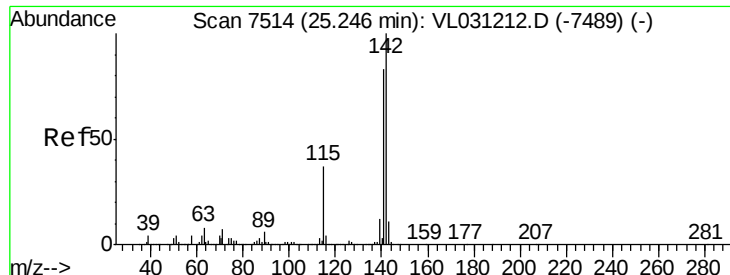
Tot Ion: 95 Resp: 3041320
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.5 78.7
 175 5.0 4.1 6.1



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.059 ppbv
 RT: 23.71 min Scan# 7035
 Delta R.T. 0.00 min
 Lab File: VL031222.D
 Acq: 14 Dec 2017 6:12

Tgt Ion: 225 Resp: 4724
 Ion Ratio Lower Upper
 225 100
 223 122.0 50.4 75.6#
 227 0.0 51.3 76.9#





#80

Naphthalene, 2-methyl-

Concen: 0.049 ppbv

RT: 25.25 min Scan# 7516

Delta R.T. 0.01 min

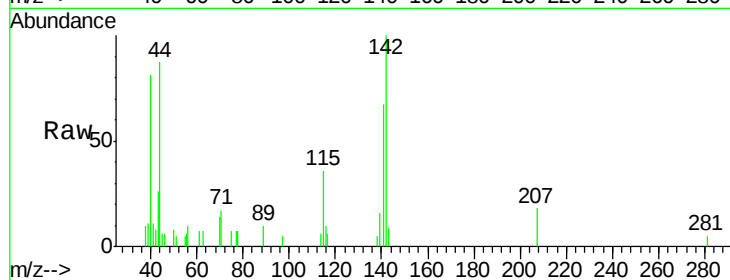
Lab File: VL031222.D

Acq: 14 Dec 2017 6:12

Instrument :

MSVOA_L

ClientSampleId :



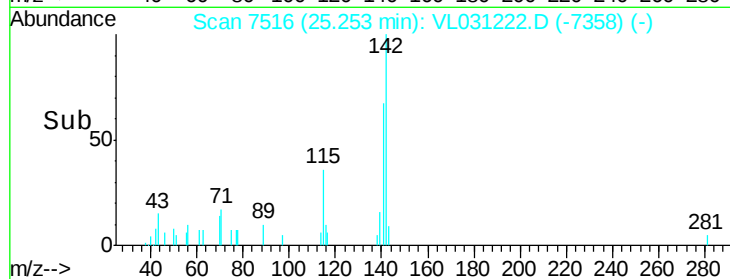
Tot Ion:142 Resp: 8359

Ion Ratio Lower Upper

142 100

141 91.3 66.8 100.2

115 49.0 29.7 44.5#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

