

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
 Data File : VL031890.D
 Acq On : 19 Apr 2018 22:52
 Operator : SY/AP
 Sample : QC032918 CAN 10442
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032918 CAN 10442

Quant Time: Apr 20 08:02:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1064810	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2419383	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2511461	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	2008689	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

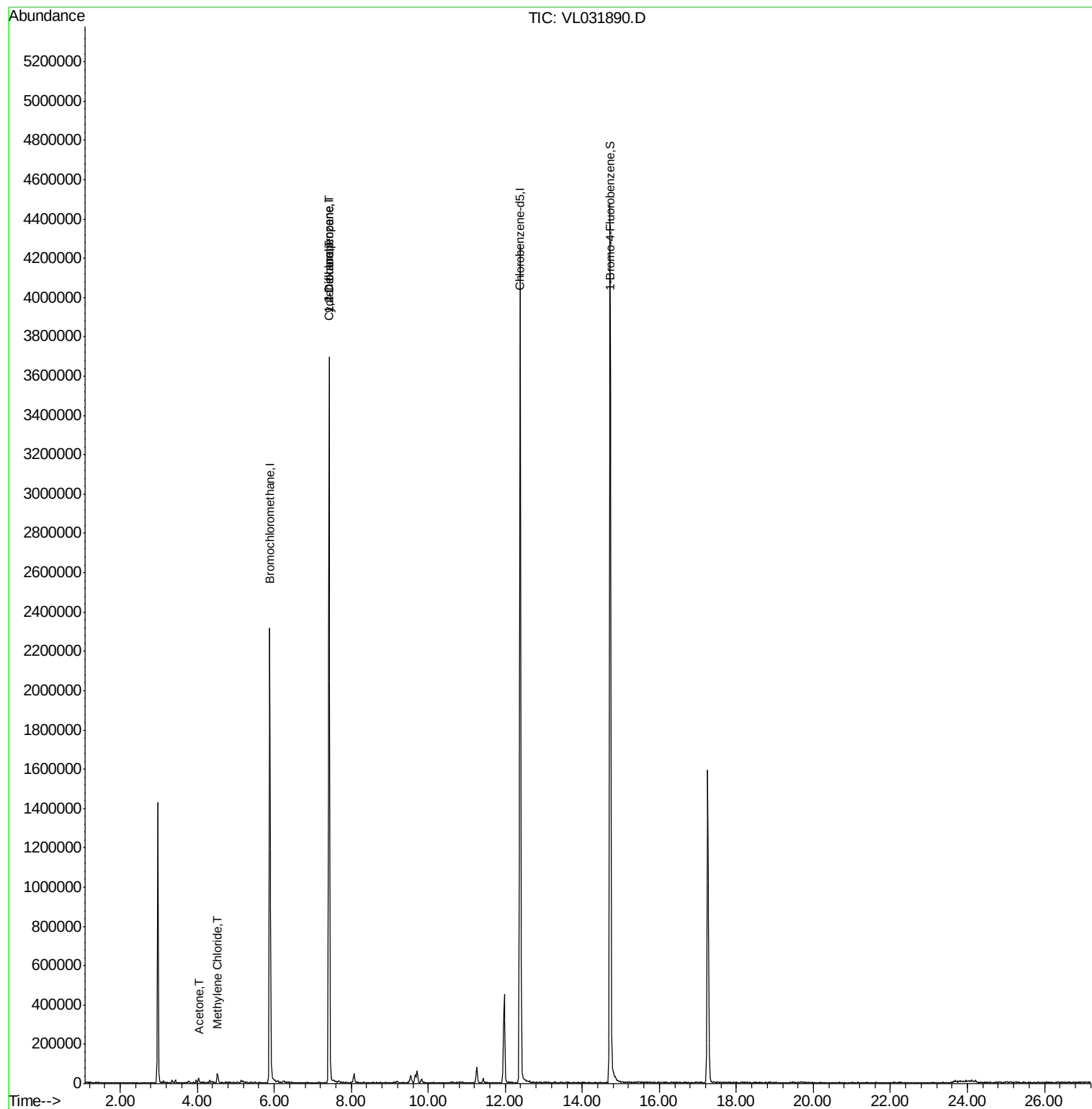
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	4.04	43	23244	0.14	ppbv #	86
20) Methylene Chloride	4.52	84	12463	0.21	ppbv #	84
30) Cyclohexane	7.41	84	7128	0.08	ppbv #	1
39) 1,2-Dichloropropane	7.42	63	657691	8.13	ppbv #	22

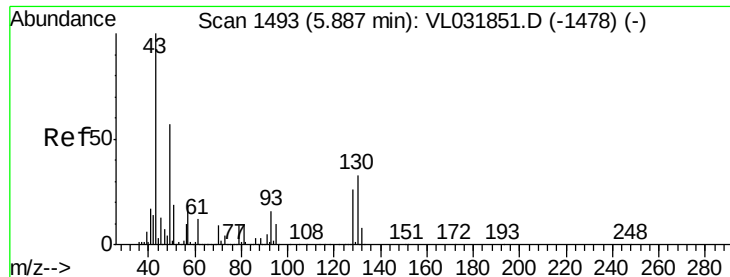
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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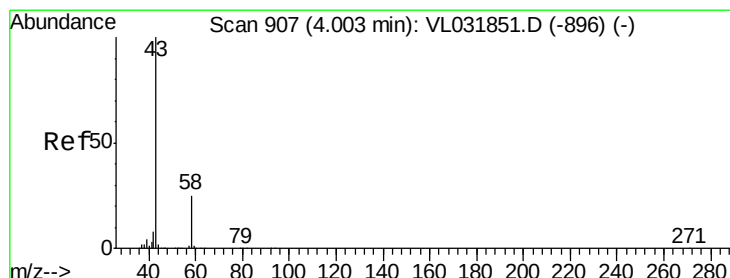
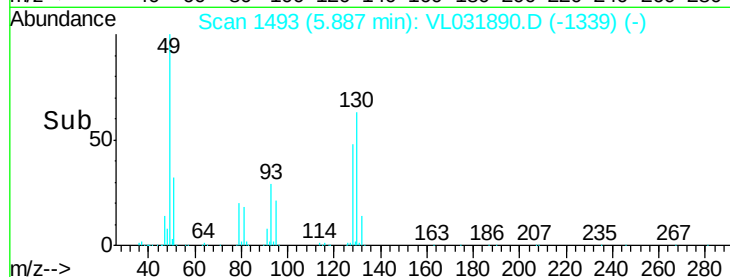
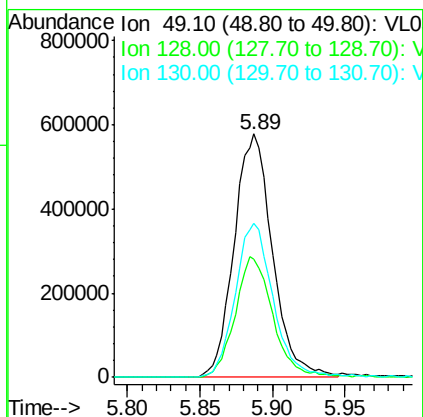
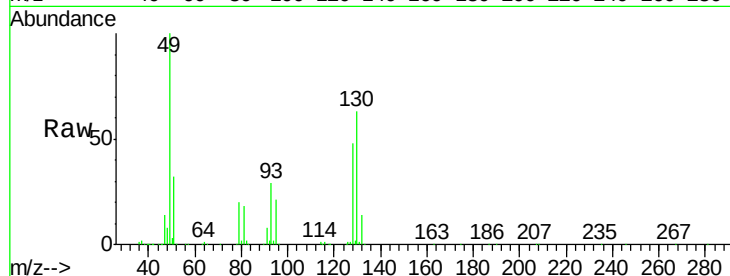




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.89 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VL031890.D
 Acq: 19 Apr 2018 22:52

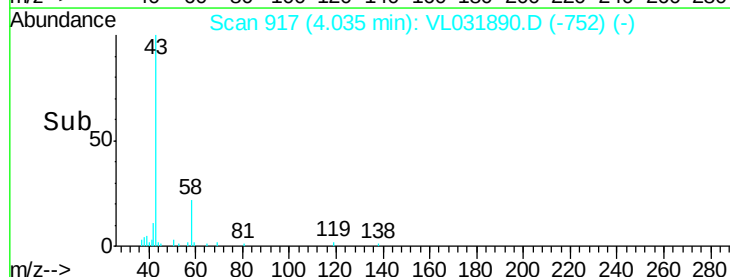
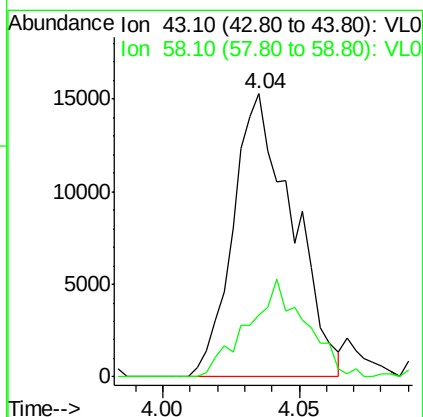
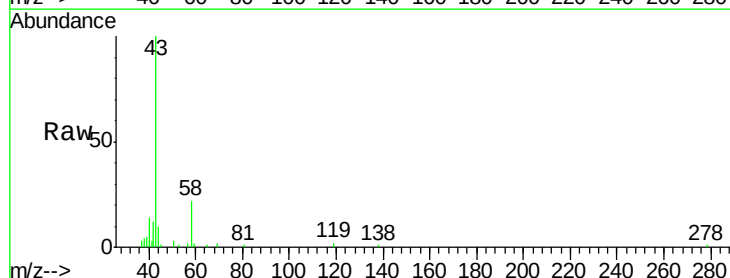
Instrument :
 MSVOA_L
 ClientSampleId :
 QC032918 CAN 10442

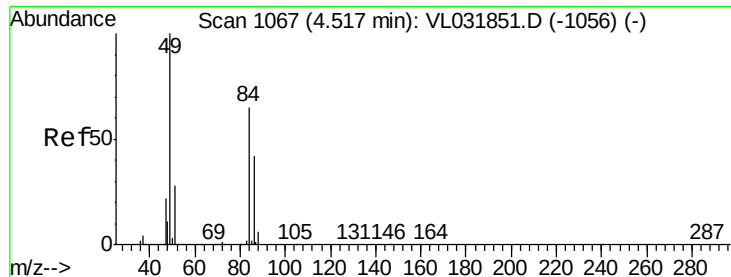
Tgt Ion: 49 Resp: 1064810
 Ion Ratio Lower Upper
 49 100
 128 48.8 23.9 71.7
 130 63.3 30.9 92.7



#15
 Acetone
 Concen: 0.14 ppbv
 RT: 4.04 min Scan# 917
 Delta R.T. 0.03 min
 Lab File: VL031890.D
 Acq: 19 Apr 2018 22:52

Tgt Ion: 43 Resp: 23244
 Ion Ratio Lower Upper
 43 100
 58 33.4 20.9 31.3#

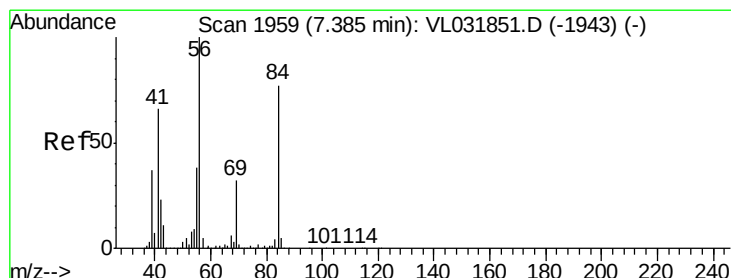
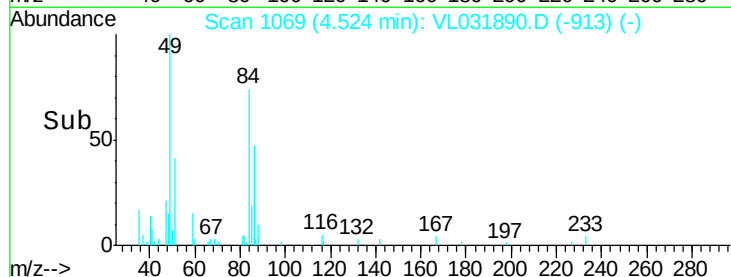
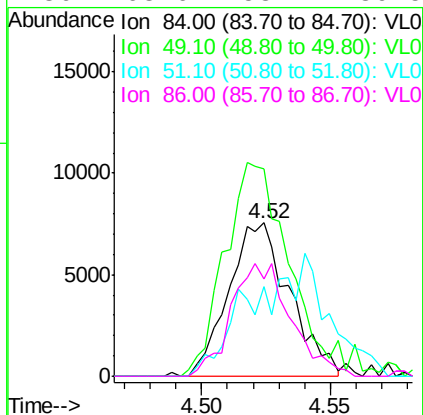
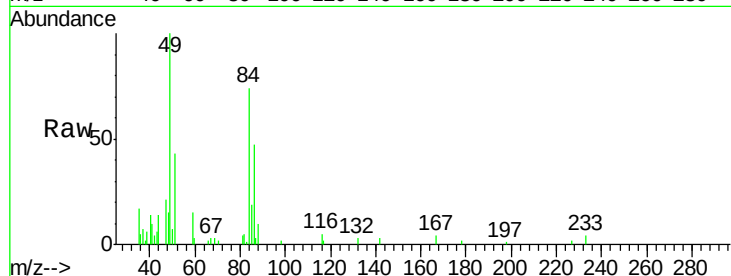




#20
Methylene Chloride
Concen: 0.21 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VL031890.D
Acq: 19 Apr 2018 22:52

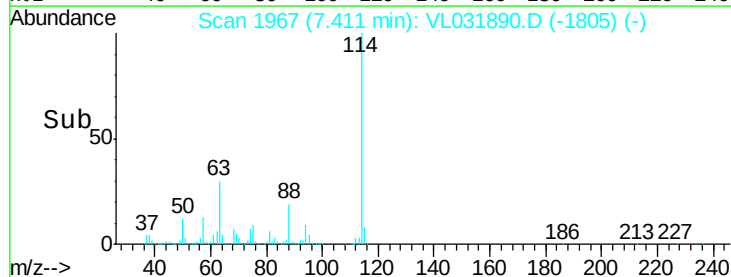
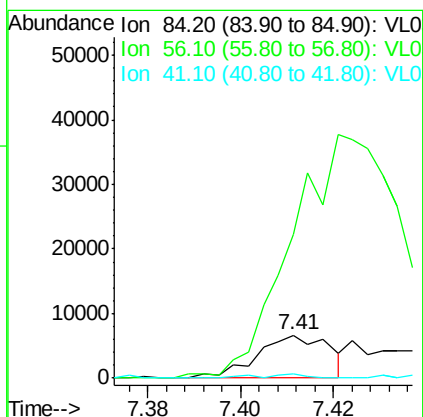
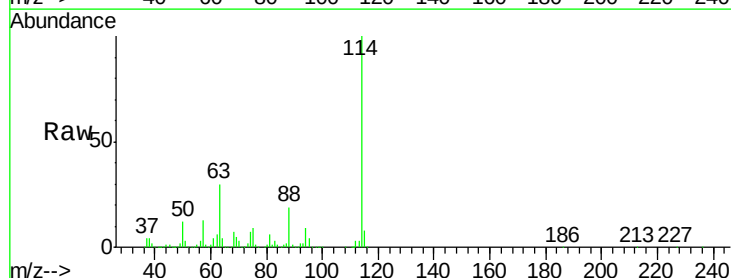
Instrument :
MSVOA_L
ClientSampleId :
QC032918 CAN 10442

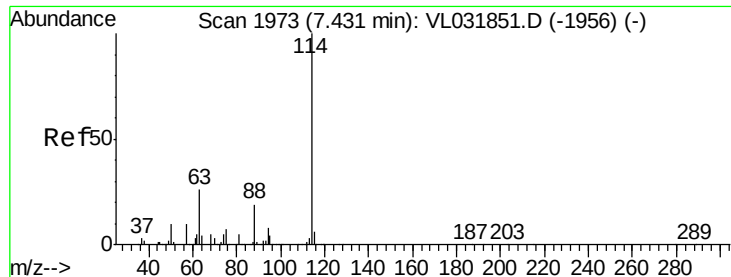
Tgt Ion:	84	Resp:	12463
Ion	Ratio	Lower	Upper
84	100		
49	131.0	125.6	188.4
51	58.3	36.4	54.6#
86	63.6	53.7	80.5



#30
Cyclohexane
Concen: 0.08 ppbv
RT: 7.41 min Scan# 1967
Delta R.T. 0.02 min
Lab File: VL031890.D
Acq: 19 Apr 2018 22:52

Tgt Ion:	84	Resp:	7128
Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	7.1	68.2	102.2#

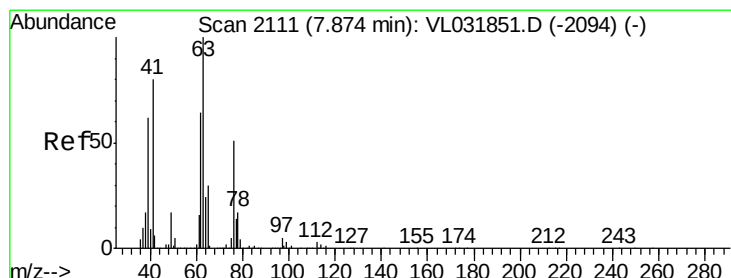
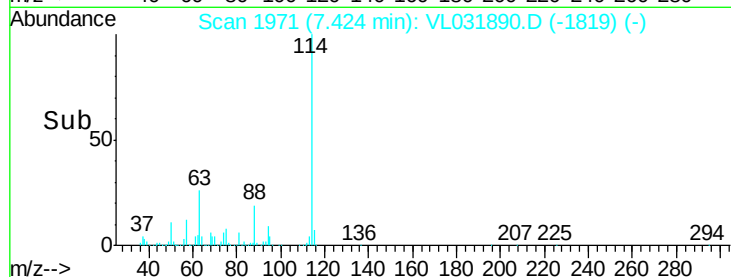
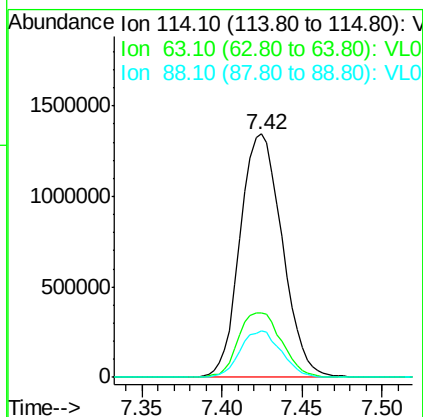
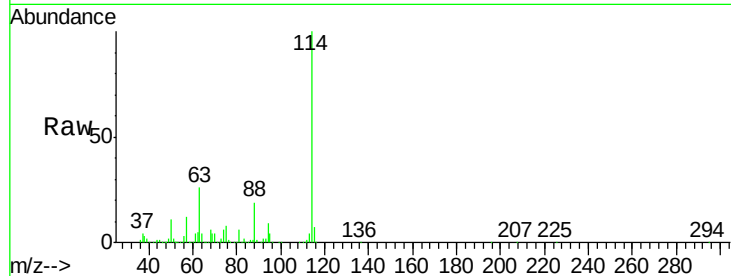




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.42 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VL031890.D
 Acq: 19 Apr 2018 22:52

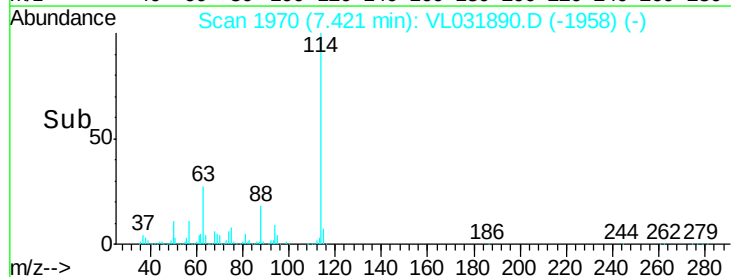
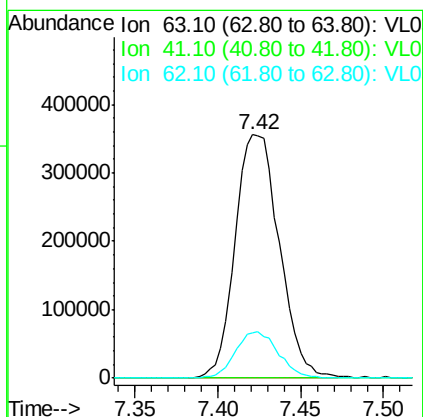
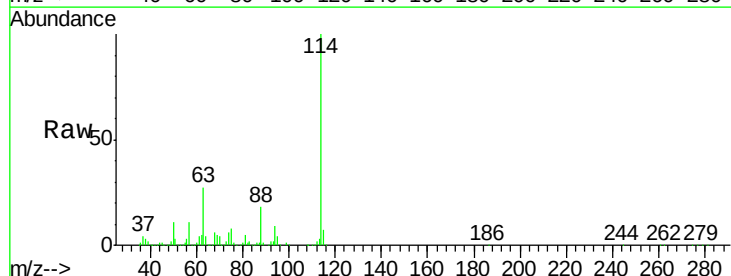
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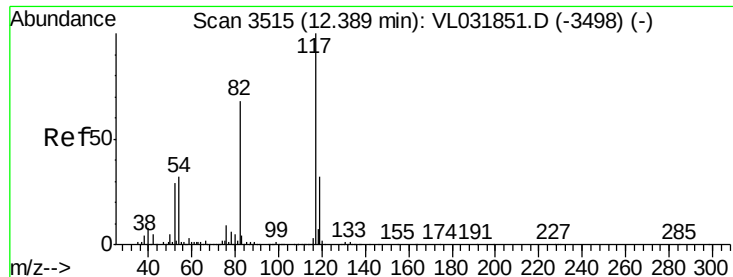
Tgt Ion: 114 Resp: 2419383
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.8 32.6
 88 18.8 14.6 22.0



#39
 1,2-Dichloropropane
 Concen: 8.13 ppbv
 RT: 7.42 min Scan# 1970
 Delta R.T. -0.46 min
 Lab File: VL031890.D
 Acq: 19 Apr 2018 22:52

Tgt Ion: 63 Resp: 657691
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.8 98.6#
 62 18.6 55.0 82.6#

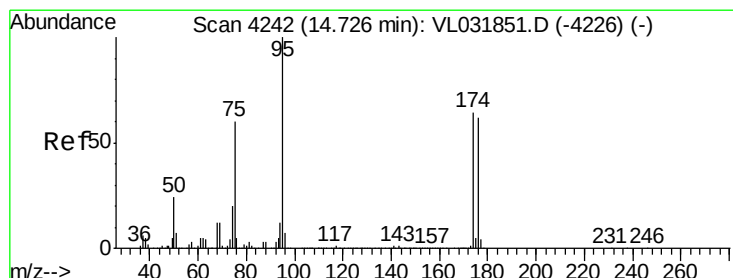
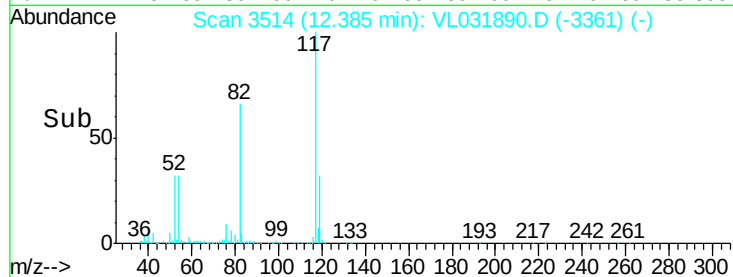
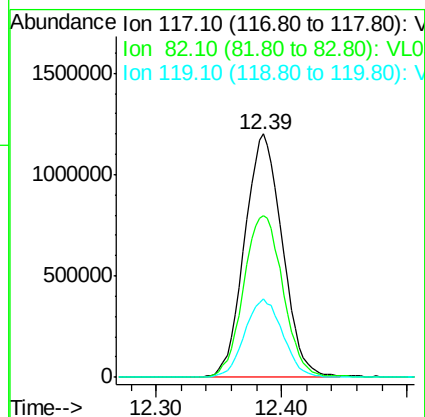
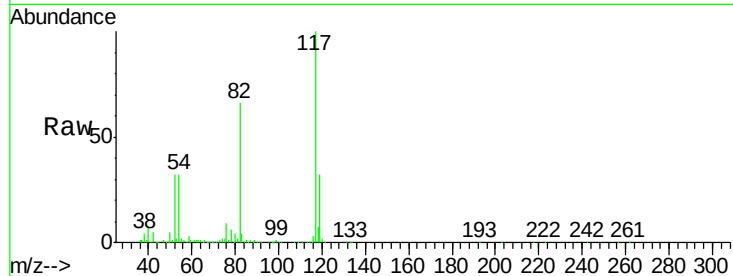




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
Lab File: VL031890.D
Acq: 19 Apr 2018 22:52

Instrument :
MSVOA_L
ClientSampleId :
QC032918 CAN 10442

Tgt Ion:117 Resp: 2511461
Ion Ratio Lower Upper
117 100
82 69.9 54.6 81.8
119 32.6 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.95 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.01 min
Lab File: VL031890.D
Acq: 19 Apr 2018 22:52

Tgt Ion: 95 Resp: 2008689
Ion Ratio Lower Upper
95 100
174 65.4 52.3 78.5
175 4.7 3.9 5.9

