

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL051618\
 Data File : VL032007.D
 Acq On : 16 May 2018 19:00
 Operator : SY/AP
 Sample : QC051518 CAN 10321
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051518 CAN 10321

Quant Time: May 17 09:05:31 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	1616481	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.41	114	2346895	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.37	117	2316809	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1851290	10.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

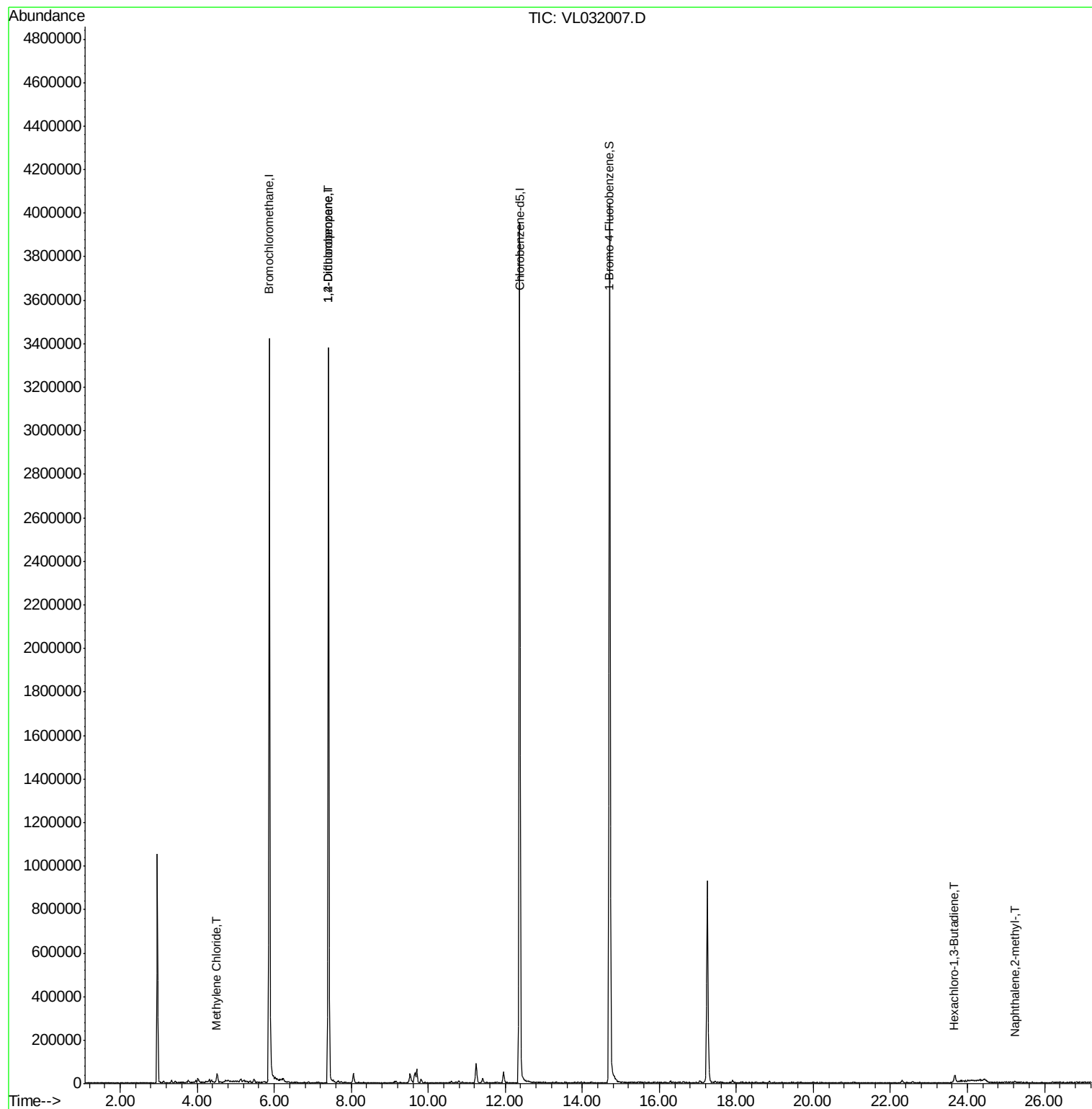
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.51	84	5400	0.07	ppbv #	68
39) 1,2-Dichloropropane	7.41	63	617156	8.02	ppbv #	23
78) Hexachloro-1,3-Butadiene	23.66	225	2491	0.03	ppbv #	1
80) Naphthalene,2-methyl-	25.23	142	4386	0.09	ppbv	93

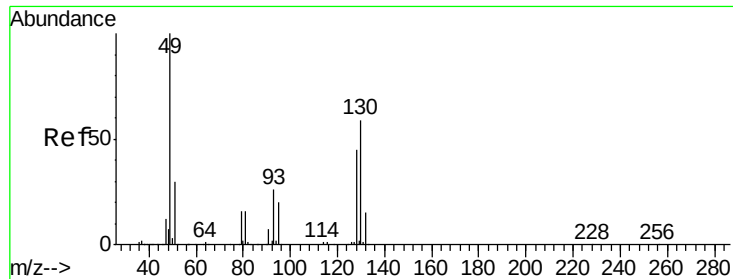
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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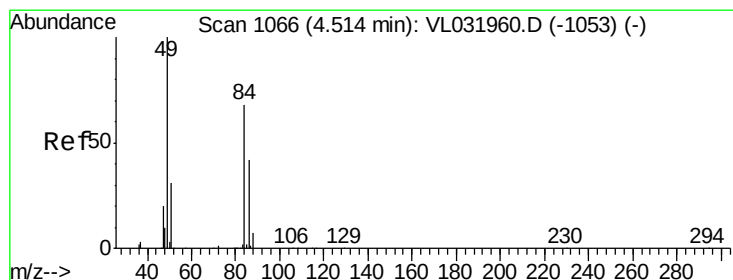
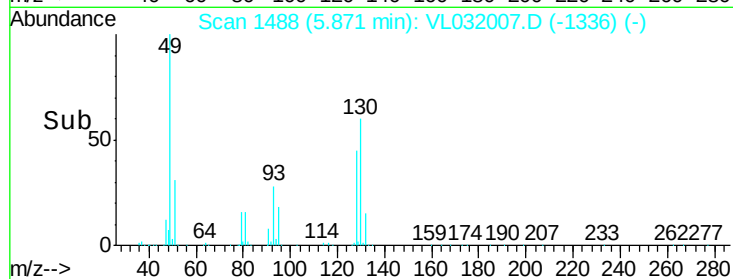
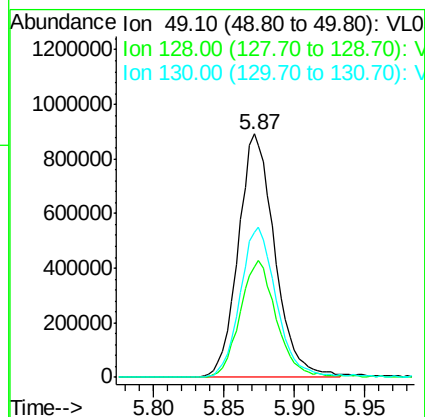
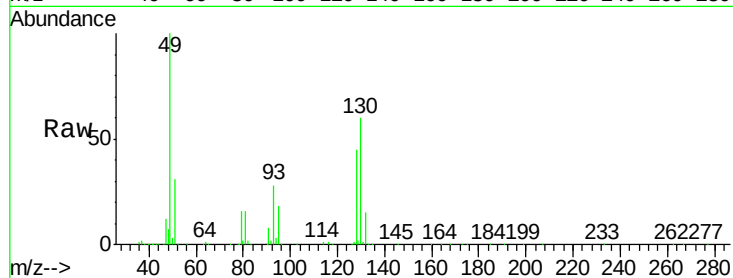




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.87 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: VL032007.D
 Acq: 16 May 2018 19:00

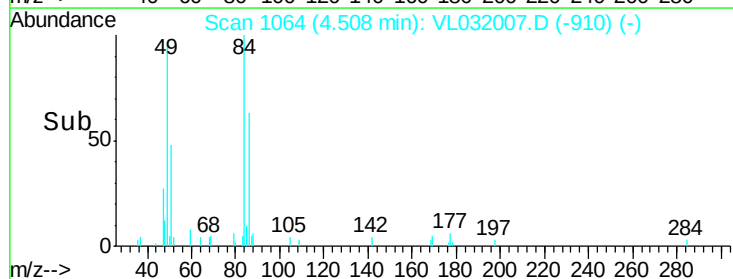
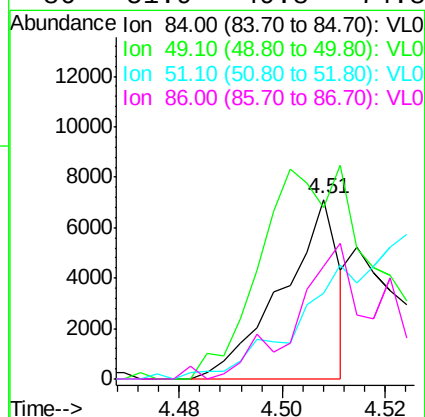
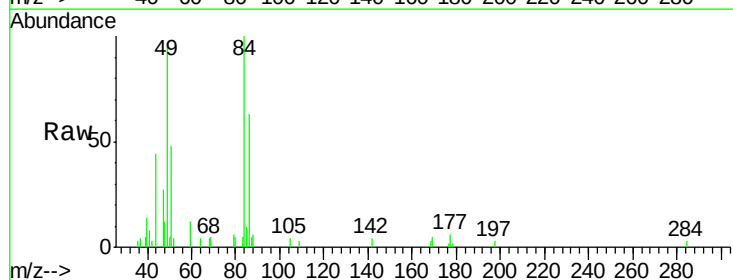
Instrument :
 MSVOA_L
 ClientSampleId :
 QC051518 CAN 10321

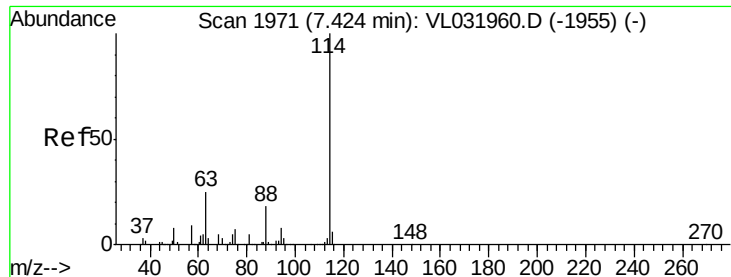
Tgt Ion:	49	Resp:	1616481
Ion	Ratio	Lower	Upper
49	100		
128	48.3	24.1	72.3
130	61.9	30.7	92.1



#20
 Methylene Chloride
 Concen: 0.07 ppbv
 RT: 4.51 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: VL032007.D
 Acq: 16 May 2018 19:00

Tgt Ion:	84	Resp:	5400
Ion	Ratio	Lower	Upper
84	100		
49	88.5	118.6	178.0#
51	40.9	36.6	54.8
86	51.9	49.8	74.8

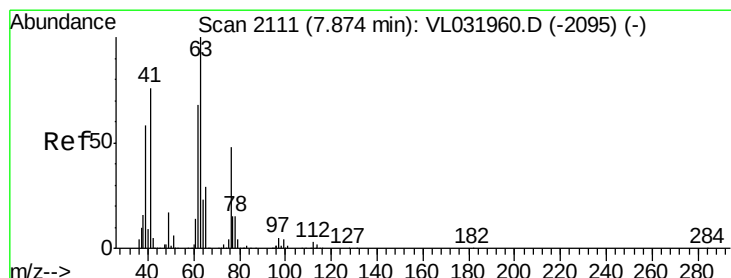
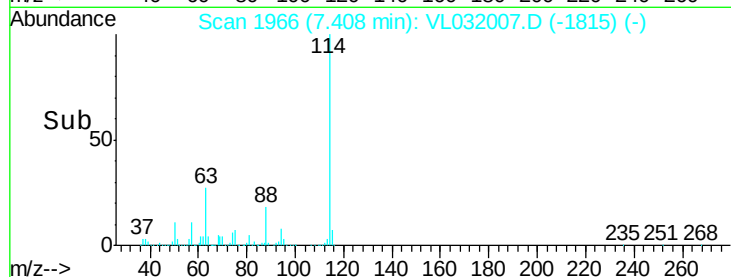
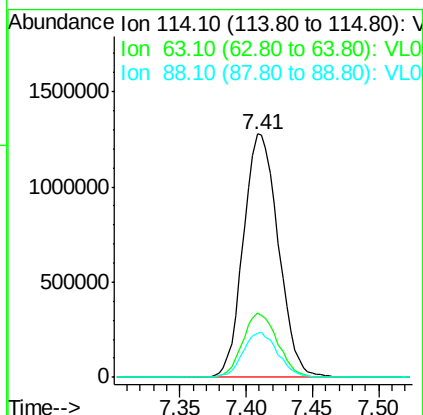
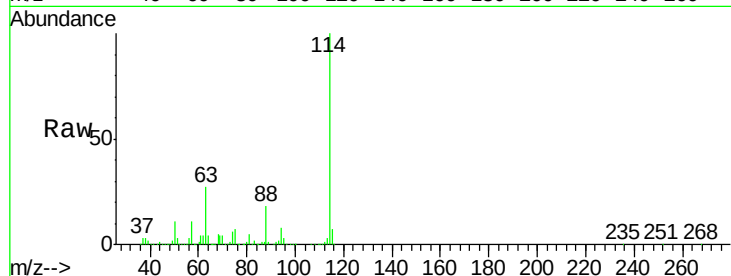




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.41 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: VL032007.D
 Acq: 16 May 2018 19:00

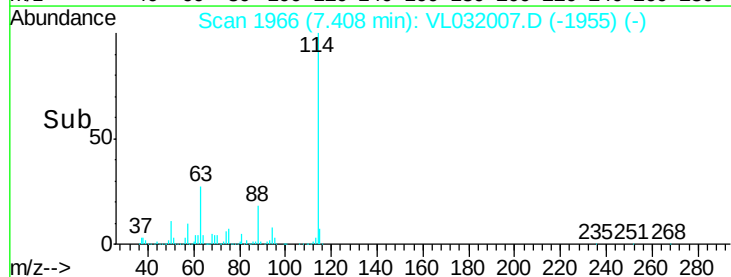
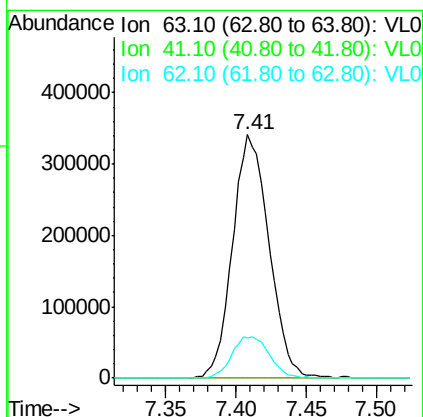
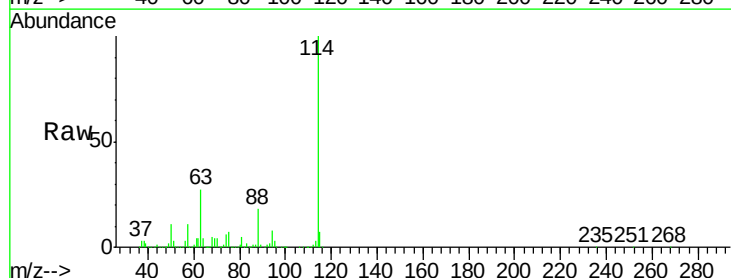
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 QC051518 CAN 10321

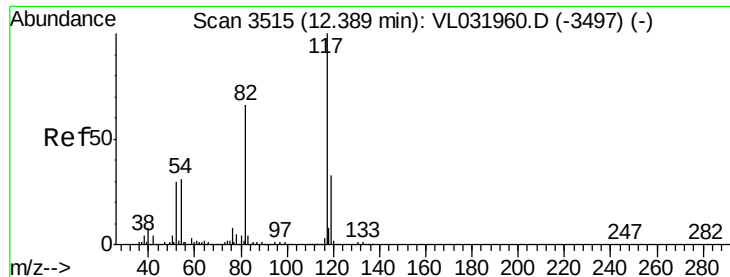
Tgt Ion: 114 Resp: 2346895
 Ion Ratio Lower Upper
 114 100
 63 26.5 20.8 31.2
 88 18.3 14.6 21.8



#39
 1,2-Dichloropropane
 Concen: 8.02 ppbv
 RT: 7.41 min Scan# 1966
 Delta R.T. -0.47 min
 Lab File: VL032007.D
 Acq: 16 May 2018 19:00

Tgt Ion: 63 Resp: 617156
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.7 91.1#
 62 16.4 54.7 82.1#

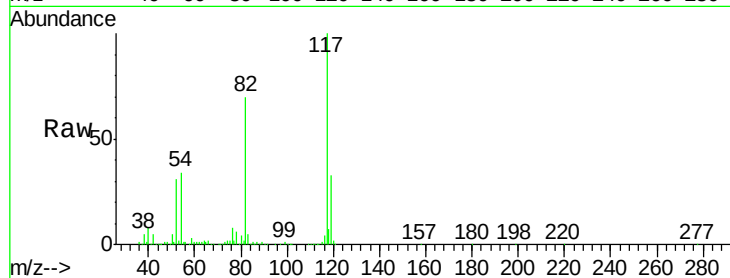




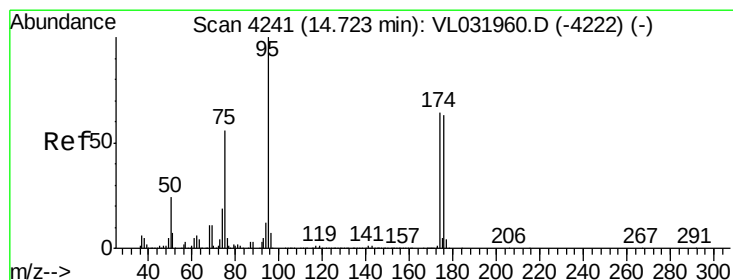
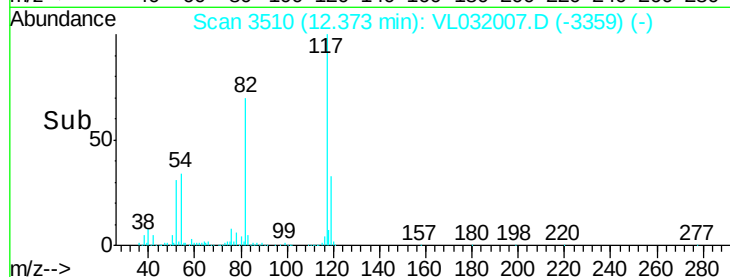
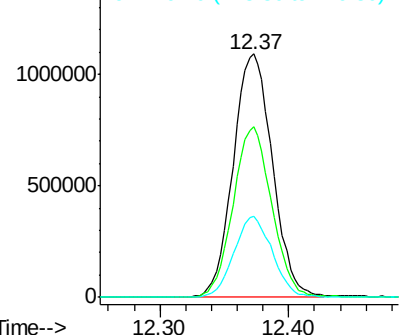
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.37 min Scan# 3510
Delta R.T. -0.02 min
Lab File: VL032007.D
Acq: 16 May 2018 19:00

Instrument :
MSVOA_L
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QC051518 CAN 10321

Tgt Ion: 117 Resp: 2316809
Ion Ratio Lower Upper
117 100
82 69.6 51.6 77.4
119 32.6 44.2 66.4#

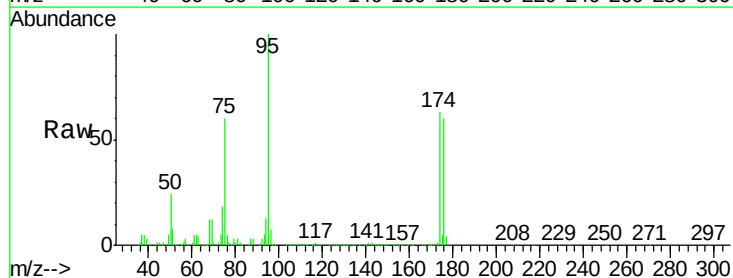


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

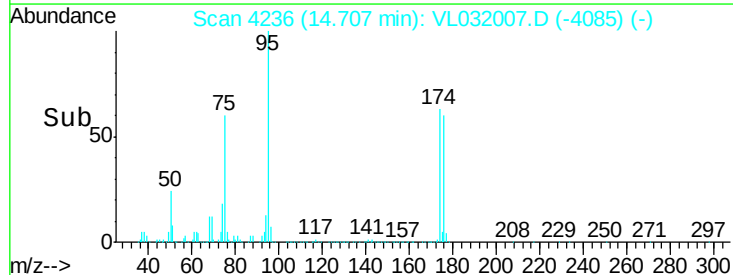
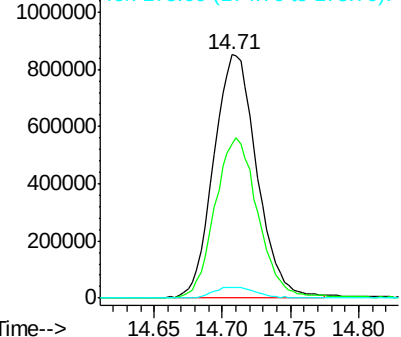


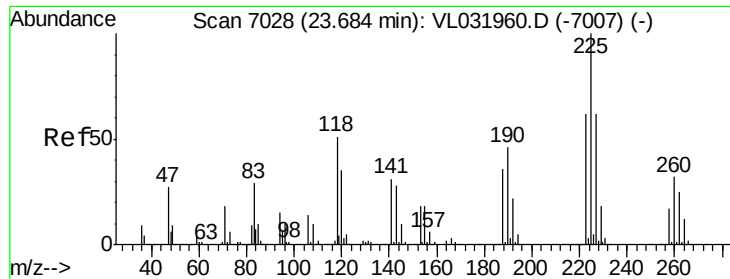
#68
1-Bromo-4-Fluorobenzene
Concen: 10.31 ppbv
RT: 14.71 min Scan# 4236
Delta R.T. -0.02 min
Lab File: VL032007.D
Acq: 16 May 2018 19:00

Tgt Ion: 95 Resp: 1851290
Ion Ratio Lower Upper
95 100
174 66.8 53.0 79.6
175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

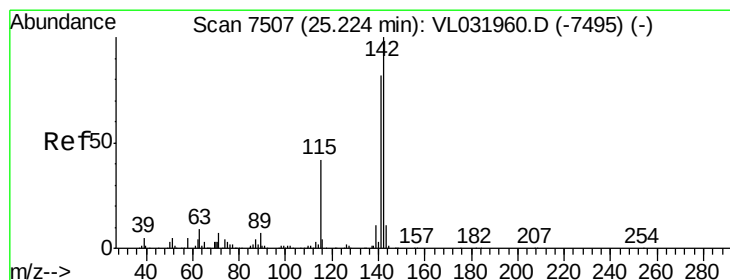
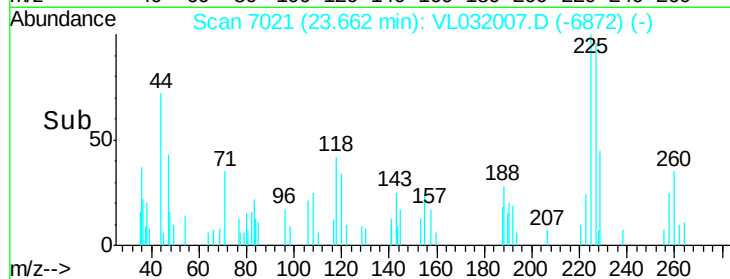
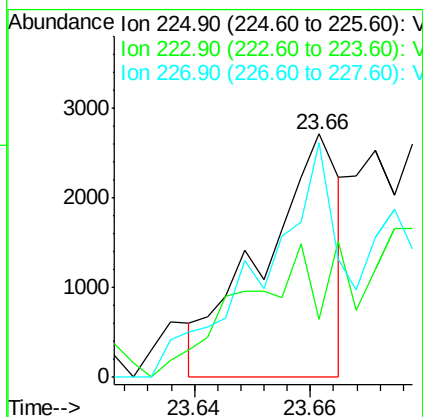
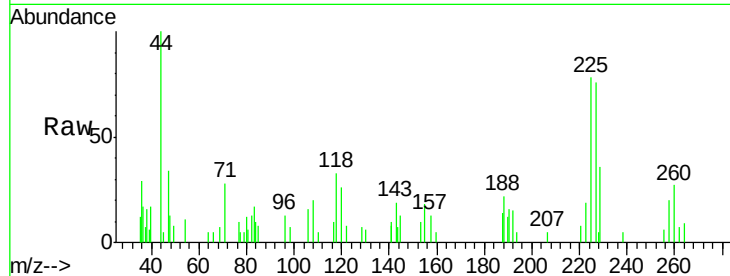




#78
Hexachloro-1,3-Butadiene
Concen: 0.03 ppbv
RT: 23.66 min Scan# 7021
Delta R.T. -0.02 min
Lab File: VL032007.D
Acq: 16 May 2018 19:00

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Tgt Ion: 225 Resp: 2491
Ion Ratio Lower Upper
225 100
223 0.0 50.8 76.2#
227 214.0 50.9 76.3#



#80
Naphthalene, 2-methyl-
Concen: 0.09 ppbv
RT: 25.23 min Scan# 7508
Delta R.T. 0.00 min
Lab File: VL032007.D
Acq: 16 May 2018 19:00

Tgt Ion: 142 Resp: 4386
Ion Ratio Lower Upper
142 100
141 78.1 67.9 101.9
115 38.8 33.8 50.8

