

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034224.D
 Acq On : 7 Oct 2019 15:40
 Operator : SY/AP
 Sample : VL1007ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1007ABL01

Quant Time: Oct 09 02:20:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	881531	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1455694	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1484222	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1309186	10.15	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

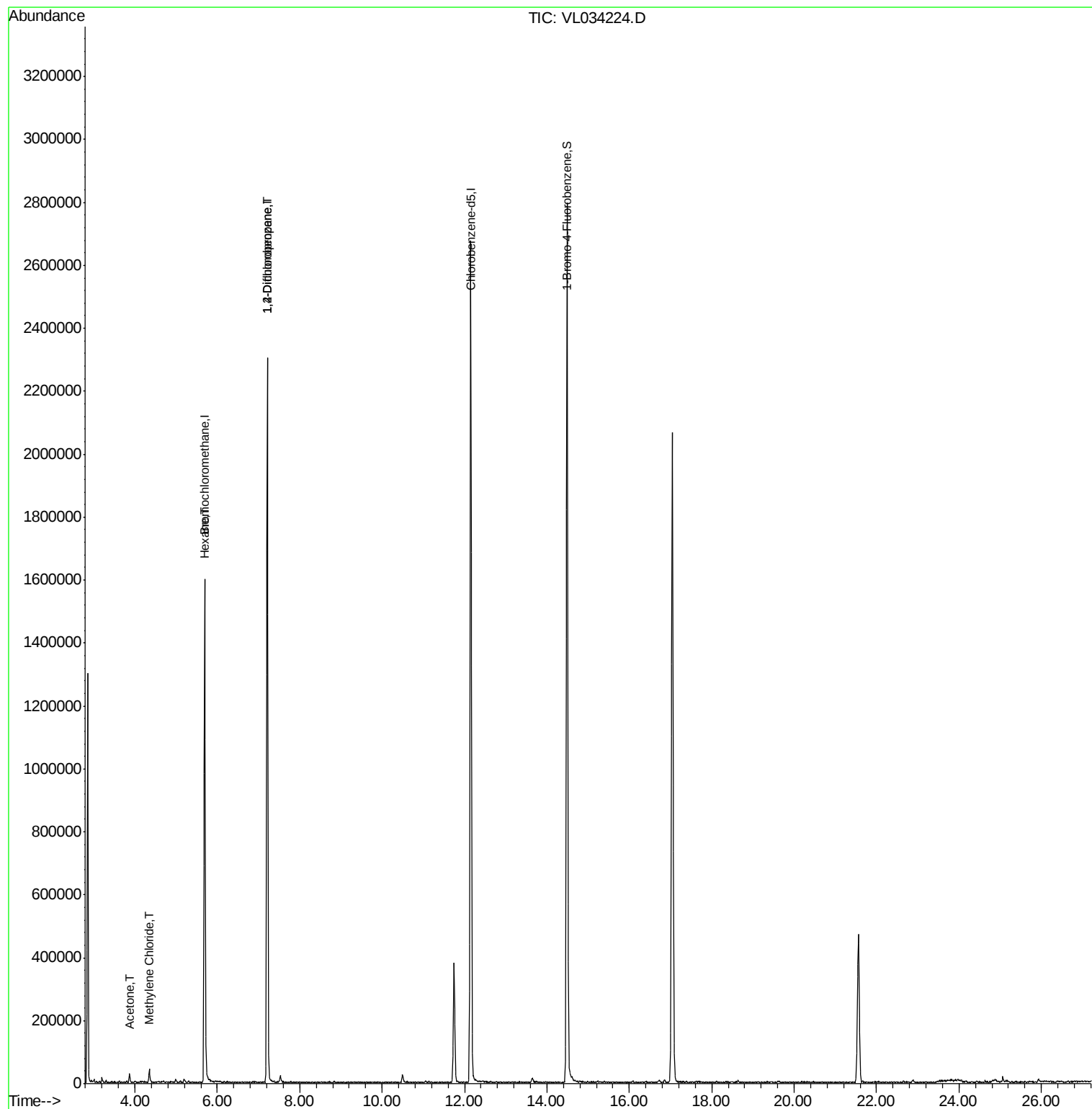
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	23338	0.198	ppbv #	76
20) Methylene Chloride	4.34	84	7550	0.222	ppbv #	72
26) Hexane	5.70	57	4453	0.048	ppbv #	30
39) 1,2-Dichloropropane	7.21	63	483280	6.690	ppbv #	19

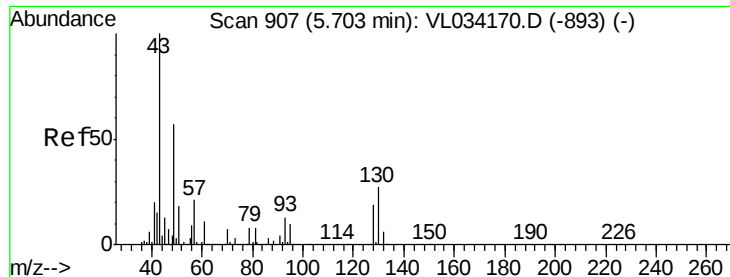
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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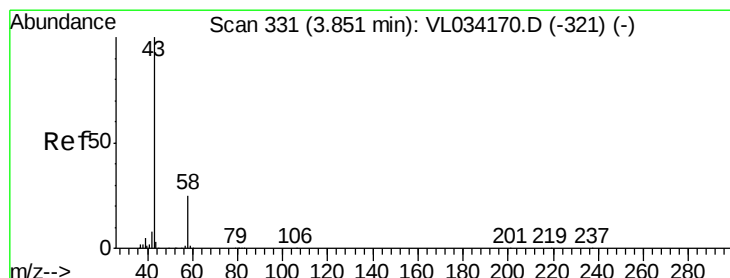
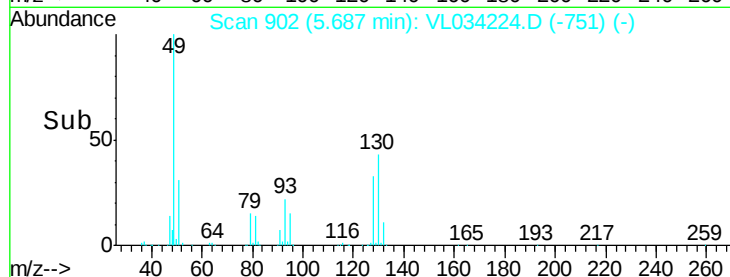
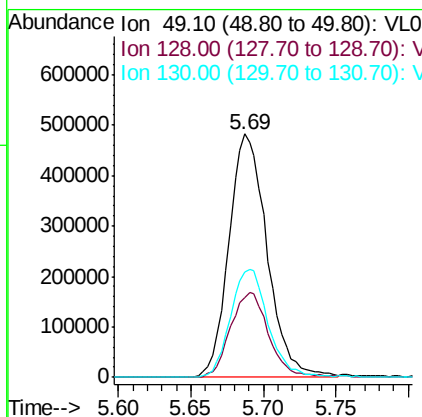
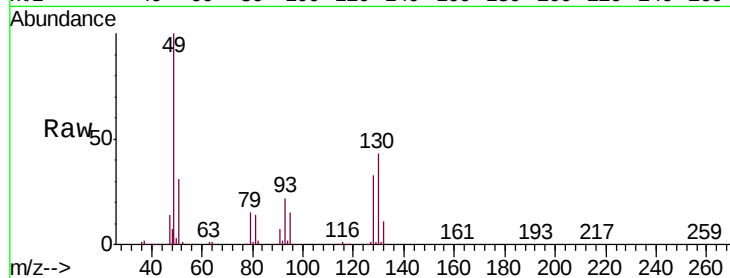




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: VL034224.D
 Acq: 7 Oct 2019 15:40

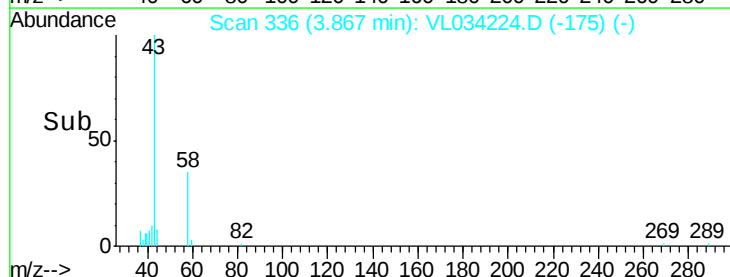
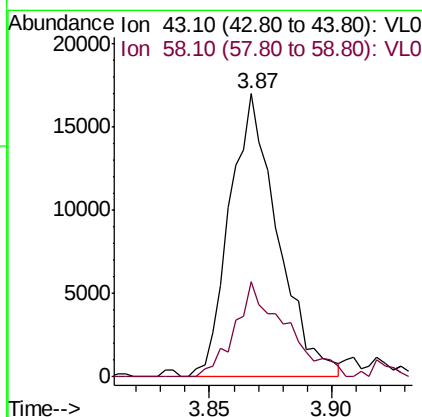
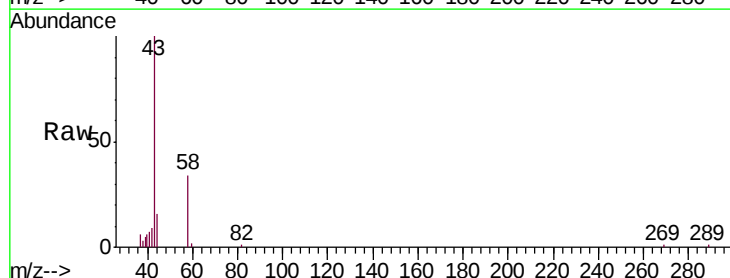
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1007ABL01

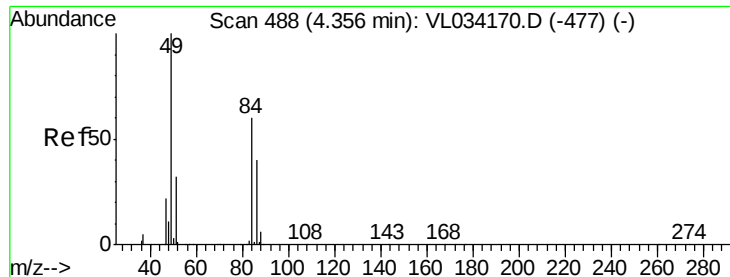
Tgt Ion: 49 Resp: 881531
 Ion Ratio Lower Upper
 49 100
 128 35.3 17.6 52.9
 130 44.1 22.3 66.9



#15
 Acetone
 Concen: 0.198 ppbv
 RT: 3.87 min Scan# 336
 Delta R.T. 0.02 min
 Lab File: VL034224.D
 Acq: 7 Oct 2019 15:40

Tgt Ion: 43 Resp: 23338
 Ion Ratio Lower Upper
 43 100
 58 37.7 20.5 30.7#

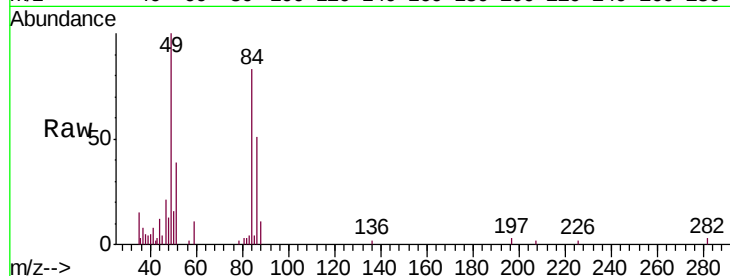




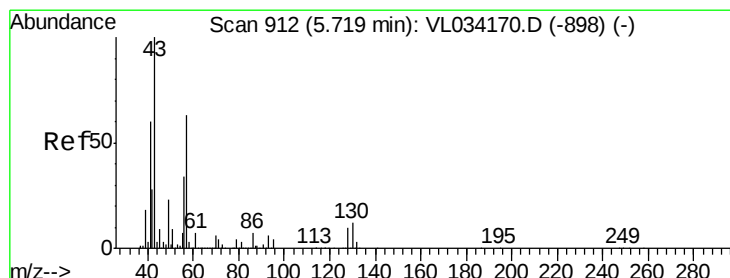
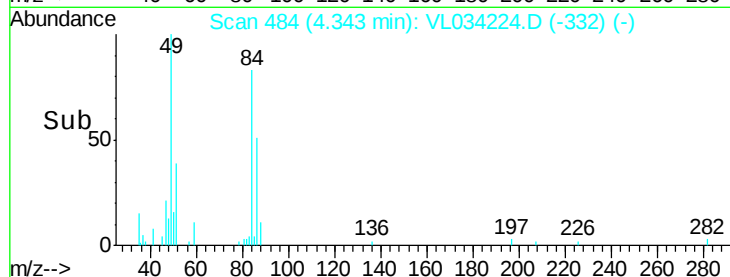
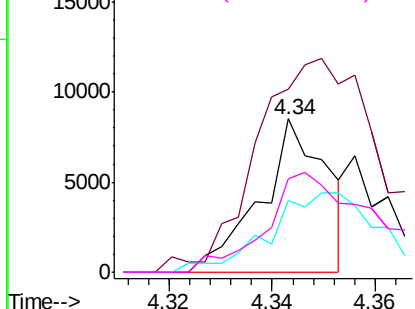
#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL034224.D
Acq: 7 Oct 2019 15:40

Instrument :
MSVOA_L
ClientSampleId :
VL1007ABL01

Tgt Ion: 84 Resp: 7550
Ion Ratio Lower Upper
84 100
49 113.3 133.8 200.8#
51 41.0 43.6 65.4#
86 60.8 53.1 79.7

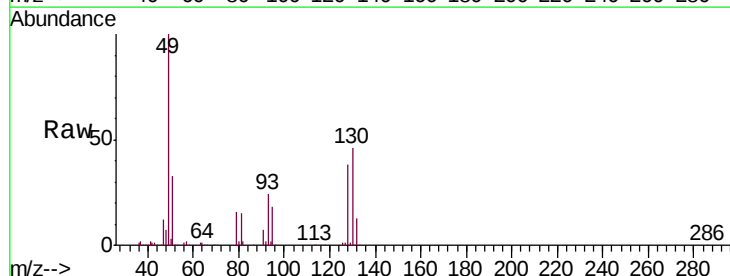


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

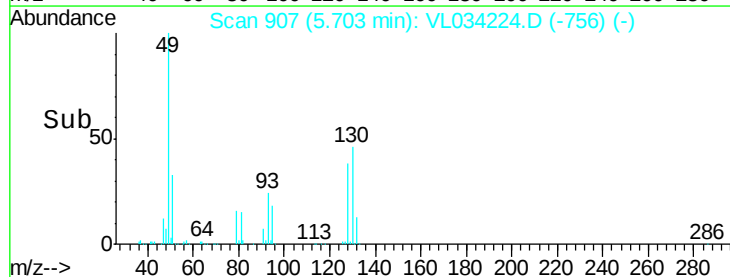
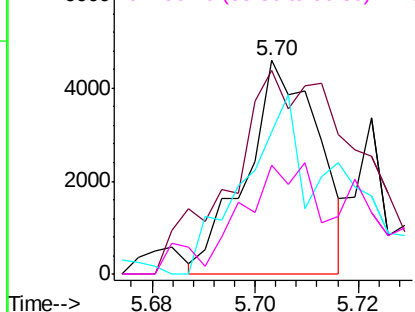


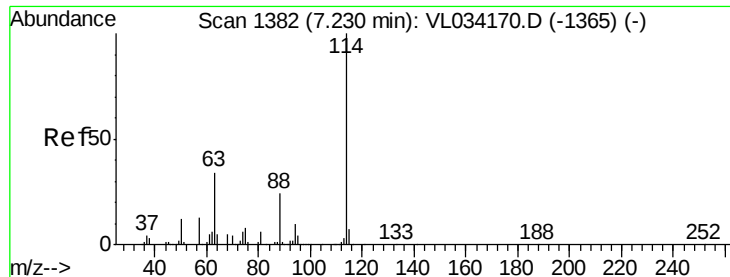
#26
Hexane
Concen: 0.048 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.02 min
Lab File: VL034224.D
Acq: 7 Oct 2019 15:40

Tgt Ion: 57 Resp: 4453
Ion Ratio Lower Upper
57 100
41 170.5 78.5 117.7#
43 111.7 189.5 284.3#
56 87.6 43.2 64.8#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

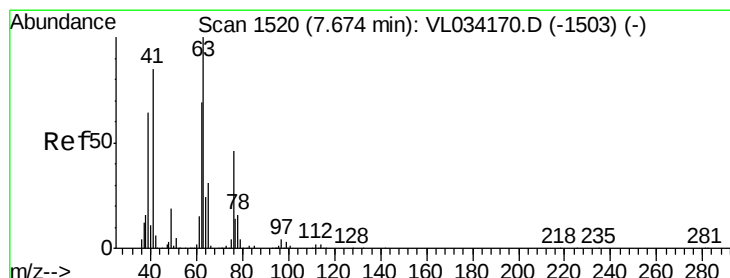
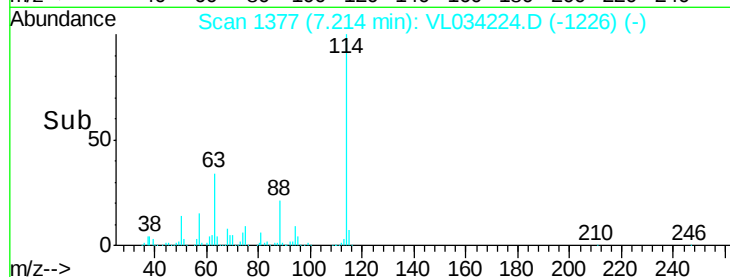
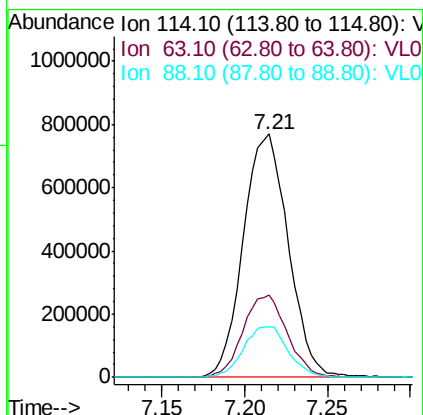
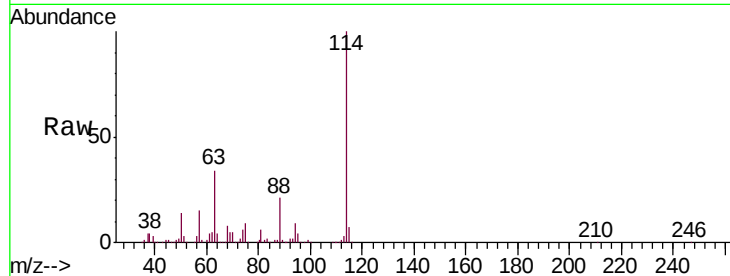




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: VL034224.D
 Acq: 7 Oct 2019 15:40

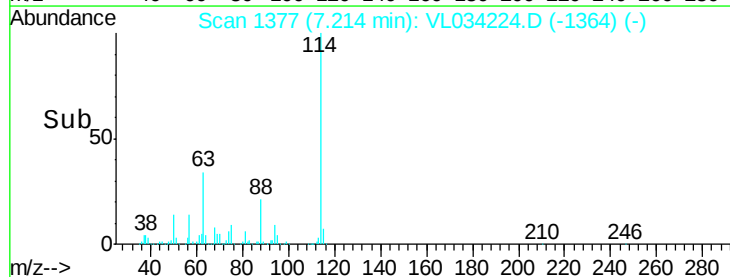
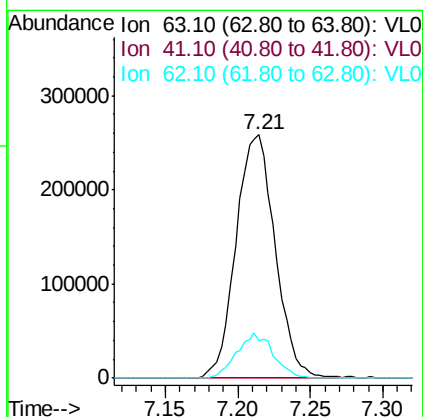
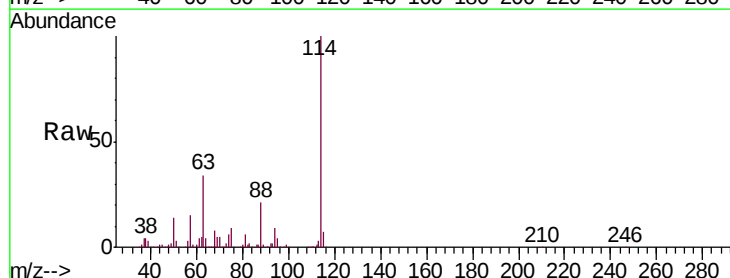
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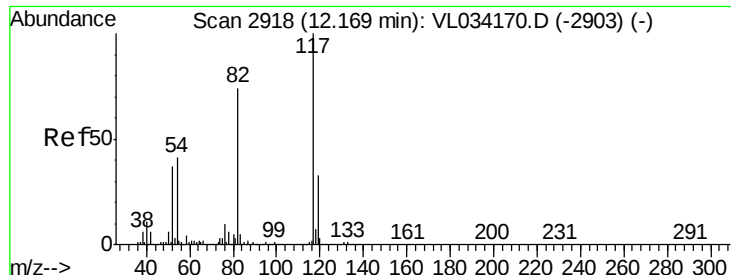
Tgt Ion: 114 Resp: 1455694
 Ion Ratio Lower Upper
 114 100
 63 33.3 27.8 41.6
 88 20.8 17.1 25.7



#39
 1,2-Dichloropropane
 Concen: 6.690 ppbv
 RT: 7.21 min Scan# 1377
 Delta R.T. -0.46 min
 Lab File: VL034224.D
 Acq: 7 Oct 2019 15:40

Tgt Ion: 63 Resp: 483280
 Ion Ratio Lower Upper
 63 100
 41 0.1 68.4 102.6#
 62 15.6 55.4 83.2#



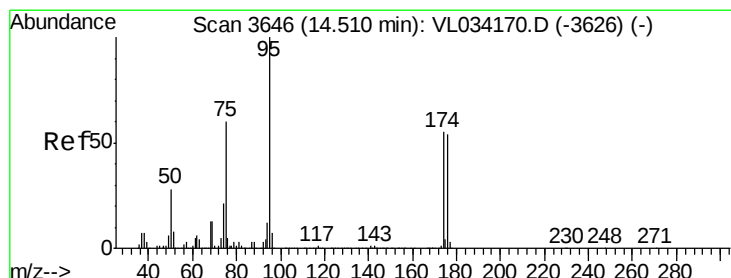
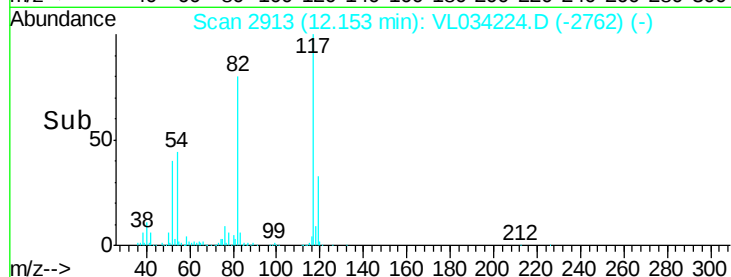
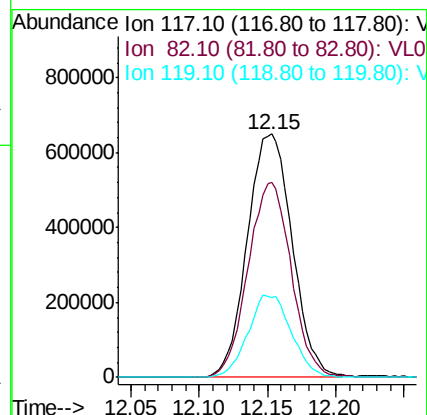
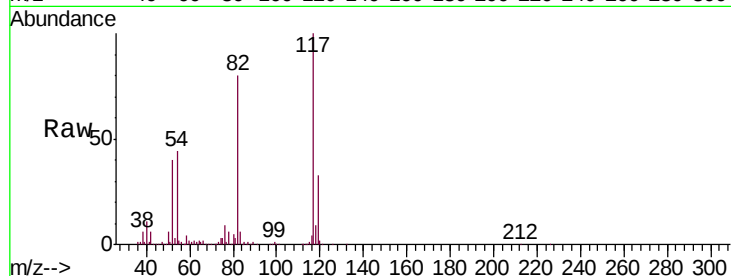


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.02 min
Lab File: VL034224.D
Acq: 7 Oct 2019 15:40

Instrument :
MSVOA_L
ClientSampleId :
VL1007ABL01

Tgt Ion: 117 Resp: 1484222

Ion	Ratio	Lower	Upper
117	100		
82	77.6	58.2	87.4
119	32.9	23.7	35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034224.D
Acq: 7 Oct 2019 15:40

Tgt Ion: 95 Resp: 1309186

Ion	Ratio	Lower	Upper
95	100		
174	56.2	45.1	67.7
175	4.2	3.3	4.9

