

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101419\
 Data File : VL034295.D
 Acq On : 14 Oct 2019 23:58
 Operator : SY/AP
 Sample : QC101119 CAN 10296
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Quant Time: Oct 15 06:43:45 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	948908	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1580233	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1574954	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1424583	10.41	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

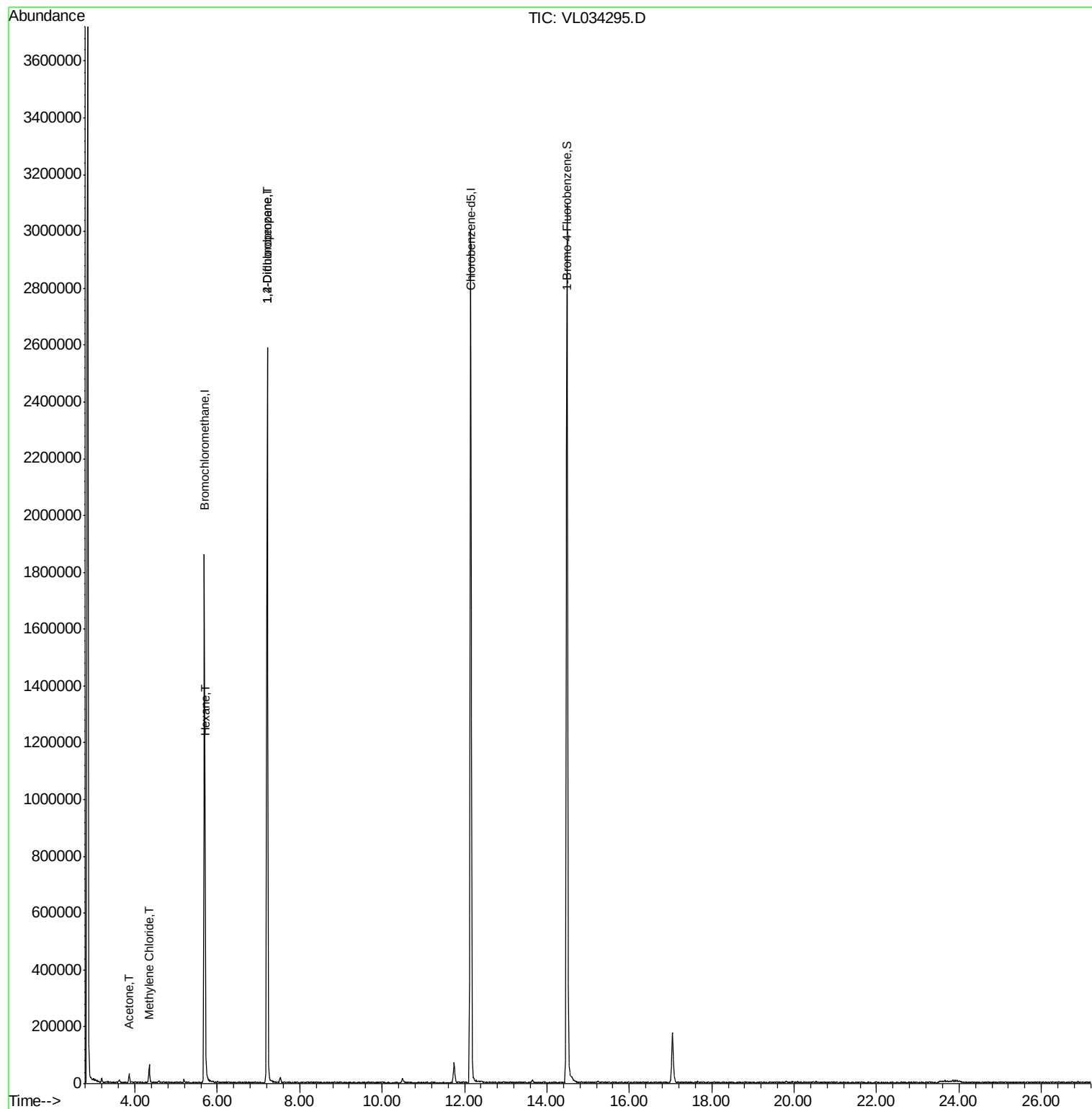
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	33132	0.261	ppbv #	86
20) Methylene Chloride	4.34	84	9453	0.258	ppbv	94
26) Hexane	5.71	57	12290	0.123	ppbv #	41
39) 1,2-Dichloropropane	7.21	63	531950	6.784	ppbv #	21

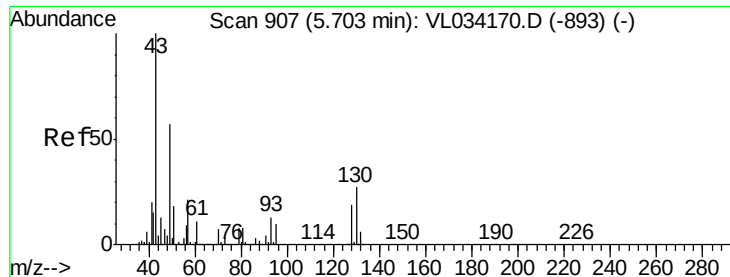
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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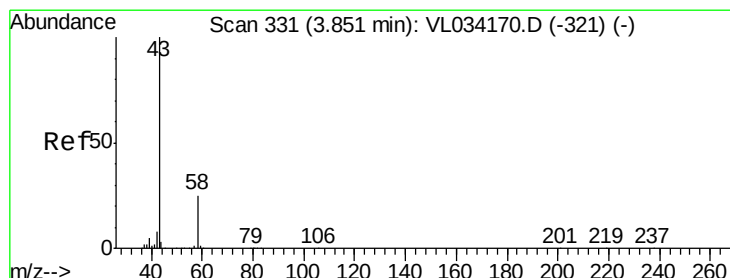
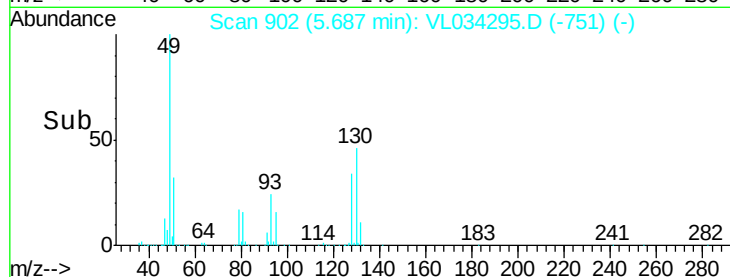
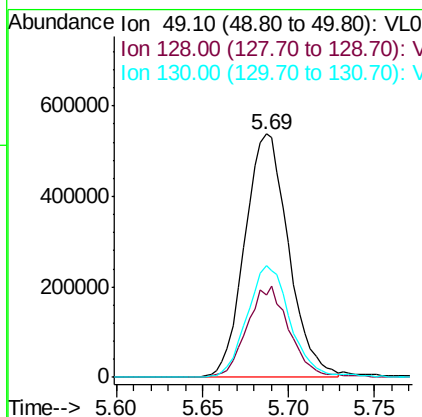
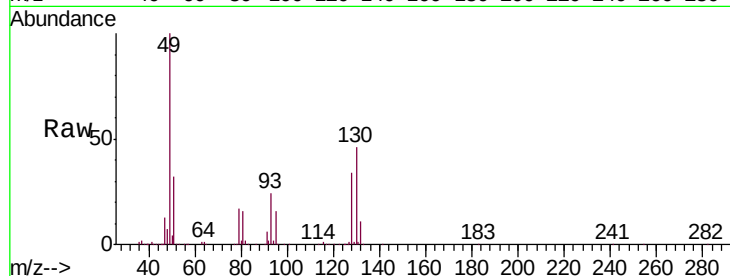




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

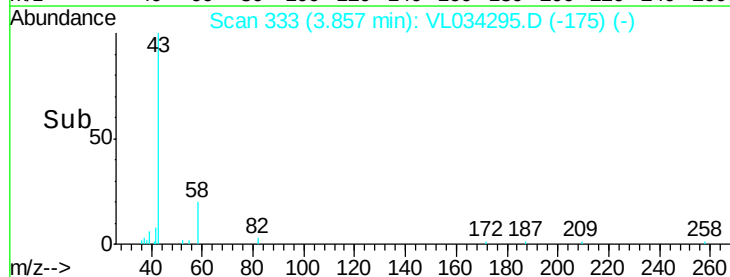
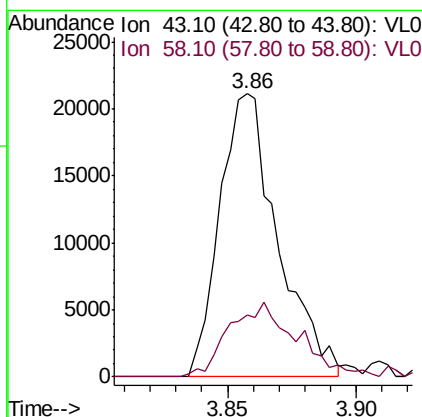
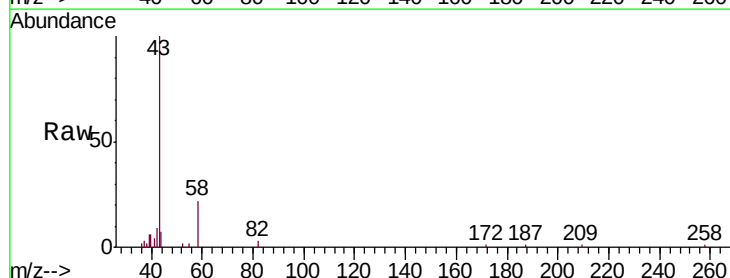
Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

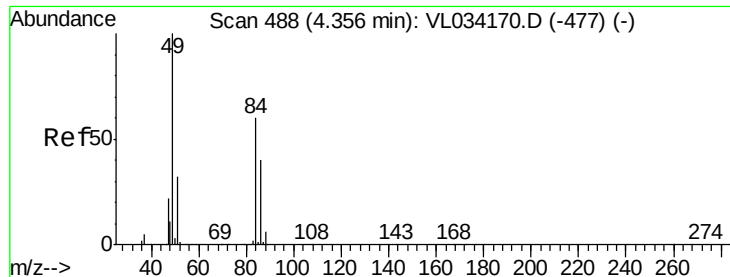
Tgt Ion: 49 Resp: 948908
 Ion Ratio Lower Upper
 49 100
 128 36.5 17.6 52.9
 130 45.5 22.3 66.9



#15
 Acetone
 Concen: 0.261 ppbv
 RT: 3.86 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Tgt Ion: 43 Resp: 33132
 Ion Ratio Lower Upper
 43 100
 58 32.8 20.5 30.7#

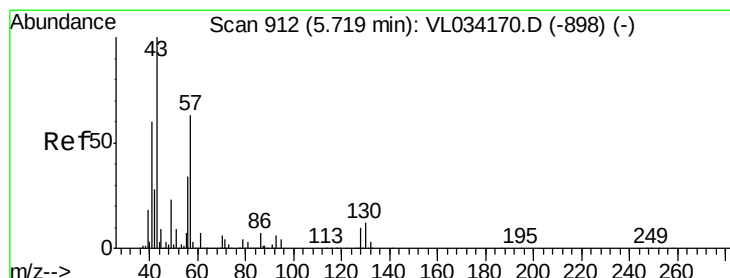
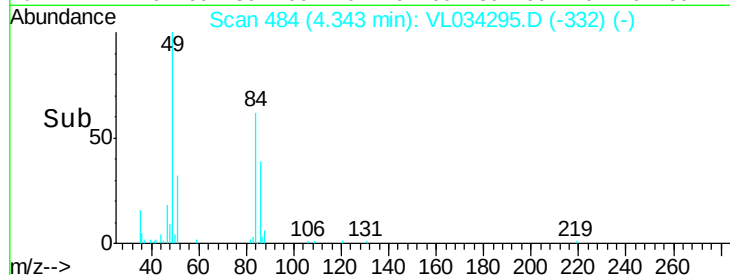
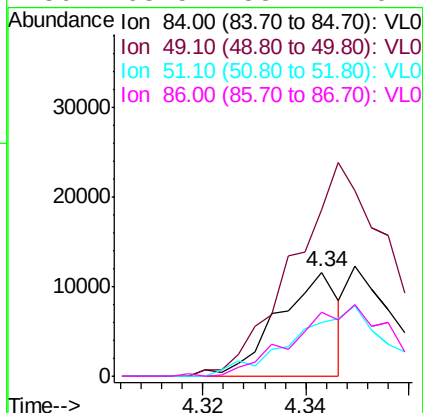
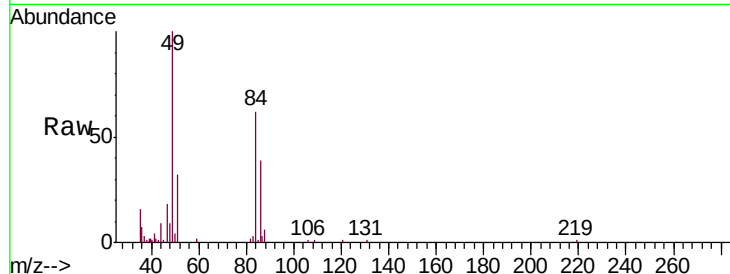




#20
Methylene Chloride
Concen: 0.258 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL034295.D
Acq: 14 Oct 2019 23:58

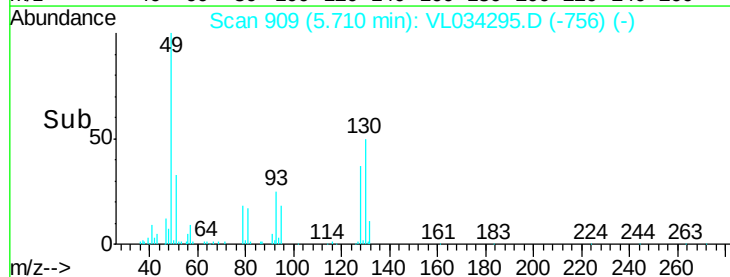
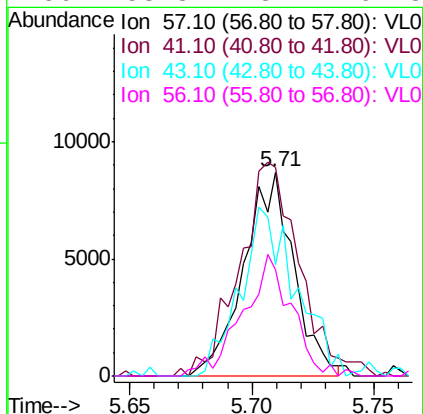
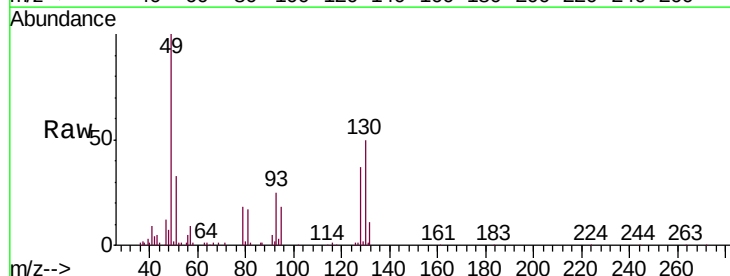
Instrument :
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QC101119 CAN 10296

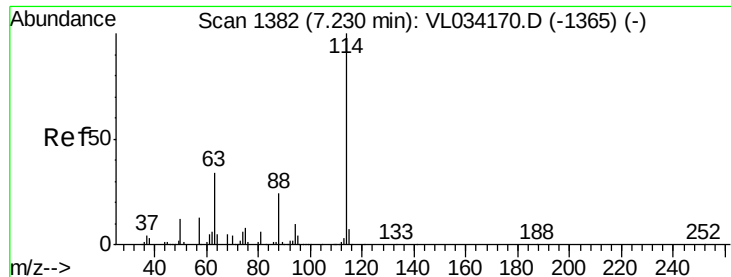
Tgt Ion:	84	Resp:	9453
Ion	Ratio	Lower	Upper
84	100		
49	157.3	133.8	200.8
51	50.7	43.6	65.4
86	63.5	53.1	79.7



#26
Hexane
Concen: 0.123 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034295.D
Acq: 14 Oct 2019 23:58

Tgt Ion:	57	Resp:	12290
Ion	Ratio	Lower	Upper
57	100		
41	127.2	78.5	117.7#
43	96.2	189.5	284.3#
56	58.8	43.2	64.8

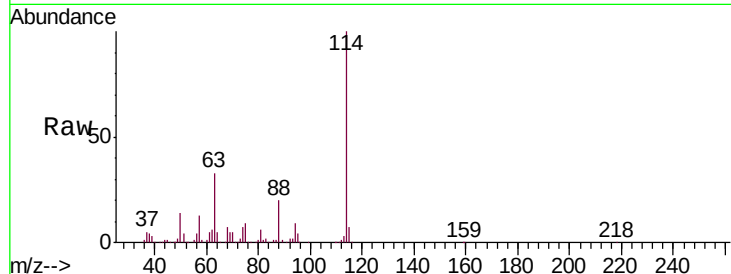




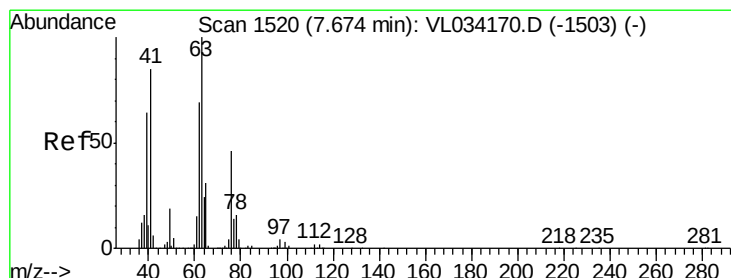
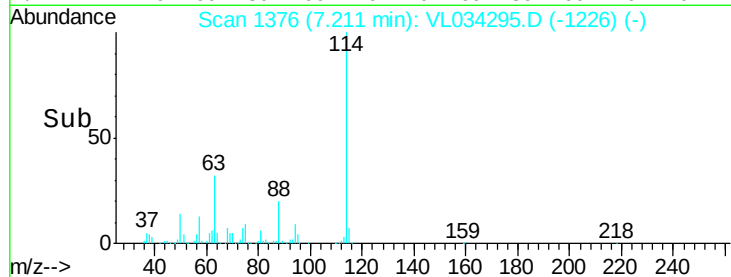
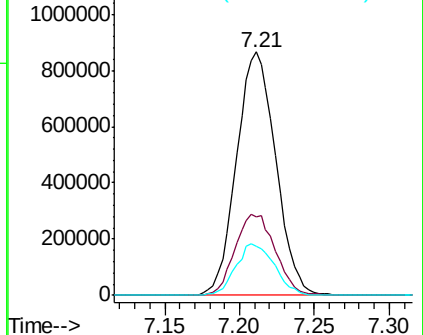
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Tgt Ion: 114 Resp: 1580233
 Ion Ratio Lower Upper
 114 100
 63 34.2 27.8 41.6
 88 20.8 17.1 25.7

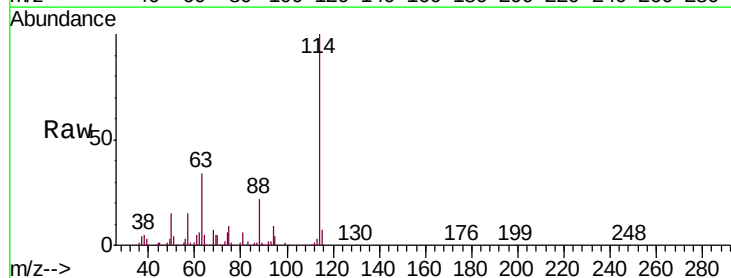


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

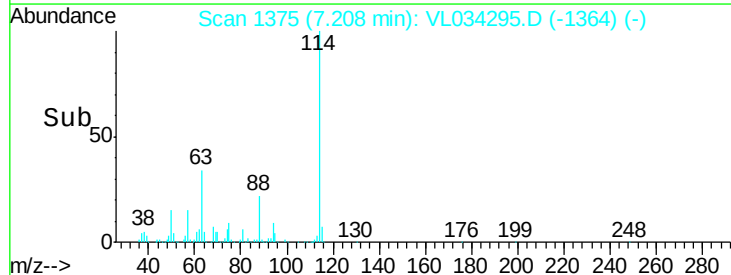
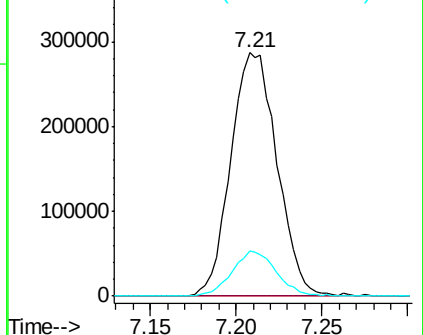


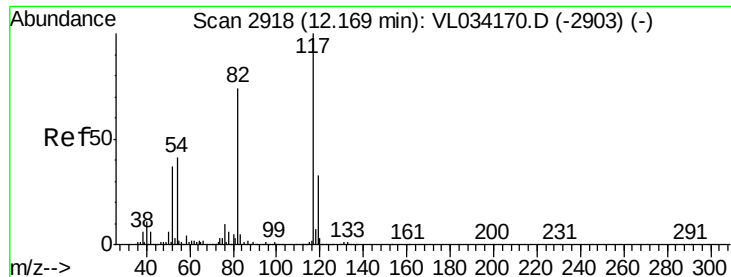
#39
 1,2-Dichloropropane
 Concen: 6.784 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. -0.47 min
 Lab File: VL034295.D
 Acq: 14 Oct 2019 23:58

Tgt Ion: 63 Resp: 531950
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 18.5 55.4 83.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

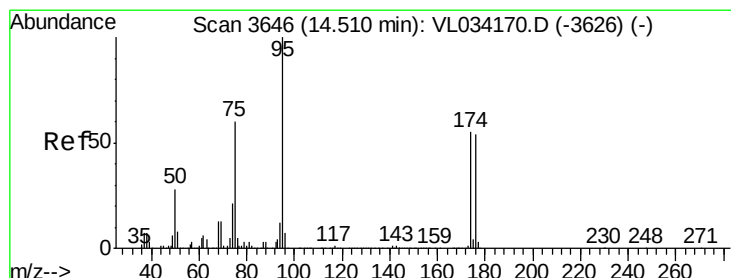
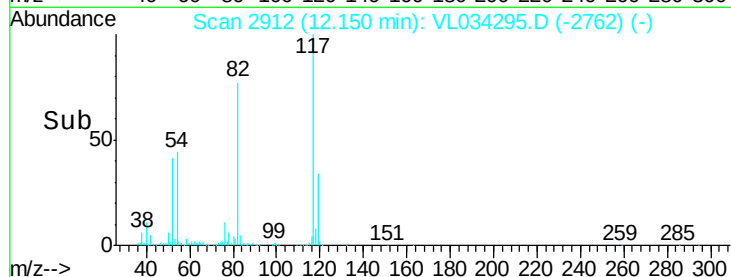
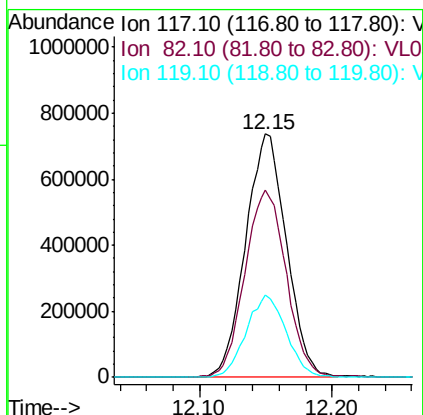
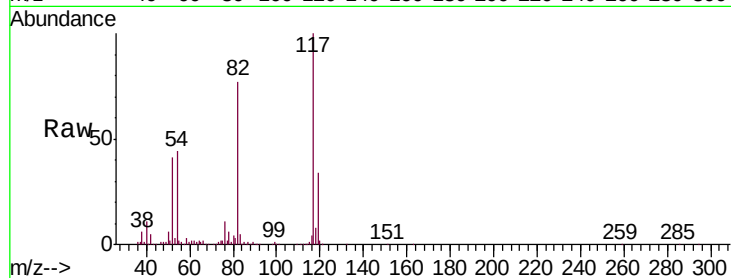




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
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Tgt Ion: 117 Resp: 1574954
Ion Ratio Lower Upper
117 100
82 78.2 58.2 87.4
119 33.1 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.410 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034295.D
Acq: 14 Oct 2019 23:58

Tgt Ion: 95 Resp: 1424583
Ion Ratio Lower Upper
95 100
174 54.3 45.1 67.7
175 3.7 3.3 4.9

