

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034248.D
 Acq On : 8 Oct 2019 11:12
 Operator : SY/AP
 Sample : QC100719 CAN 10283
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100719 CAN 10283

Quant Time: Oct 09 02:25:09 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	894074	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1489181	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1460347	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1317411	10.38	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

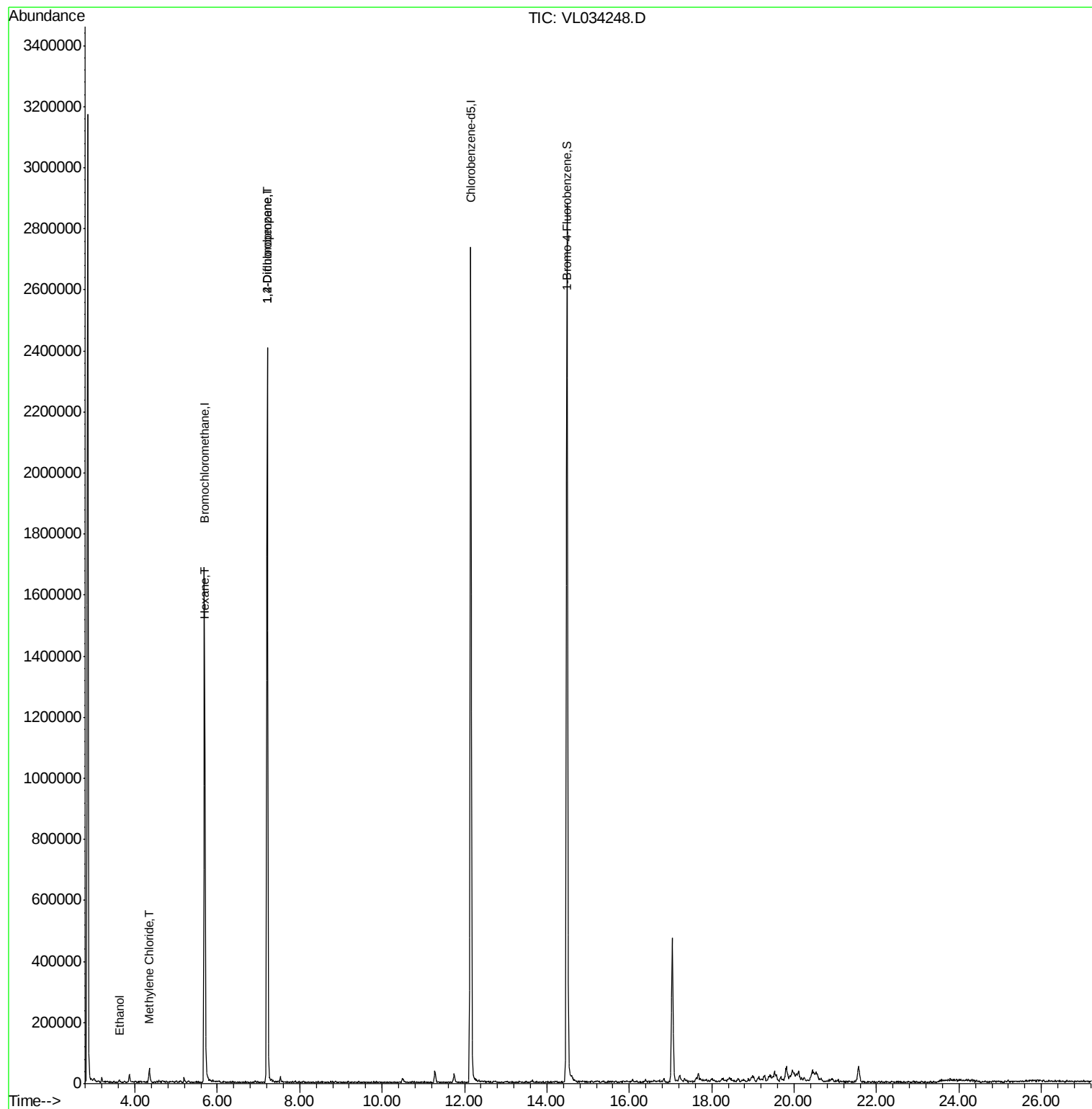
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	2705	0.216	ppbv #	36
20) Methylene Chloride	4.35	84	7905	0.229	ppbv #	69
26) Hexane	5.71	57	8319	0.088	ppbv #	42
39) 1,2-Dichloropropane	7.21	63	485839	6.574	ppbv #	20

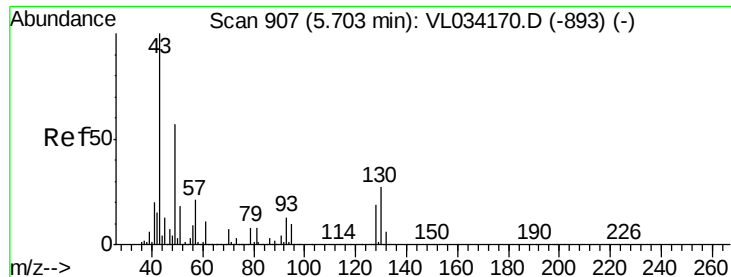
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

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QC100719 CAN 10283

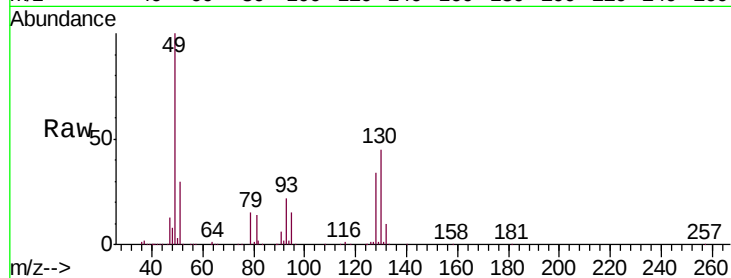
Tgt Ion: 49 Resp: 894074

Ion Ratio Lower Upper

49 100

128 35.2 17.6 52.9

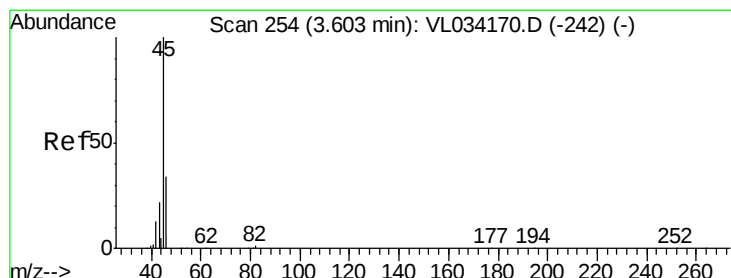
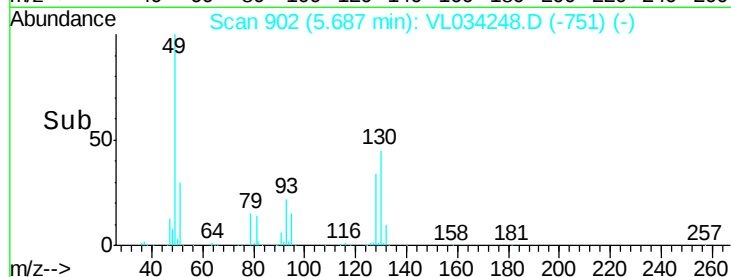
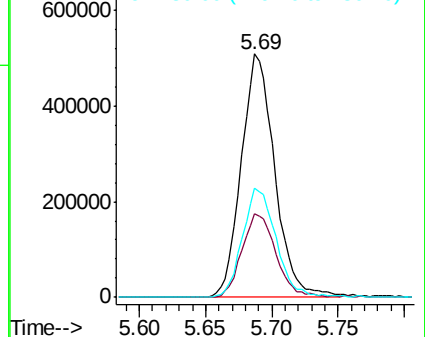
130 45.5 22.3 66.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.216 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL034248.D

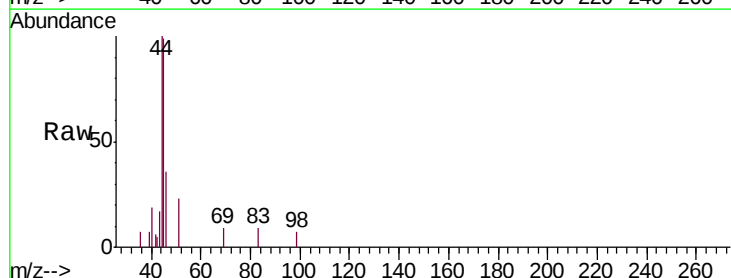
Acq: 8 Oct 2019 11:12

Tgt Ion: 45 Resp: 2705

Ion Ratio Lower Upper

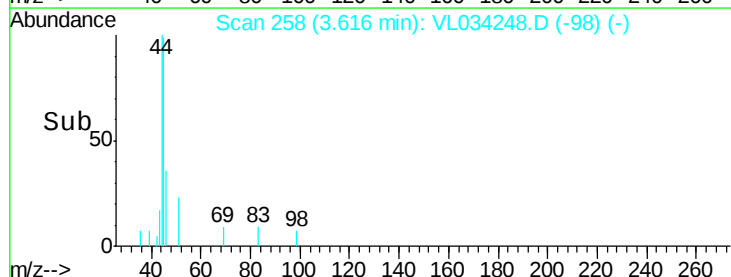
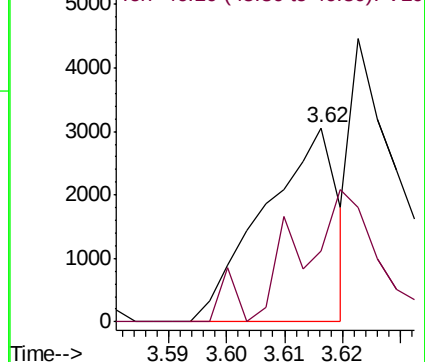
45 100

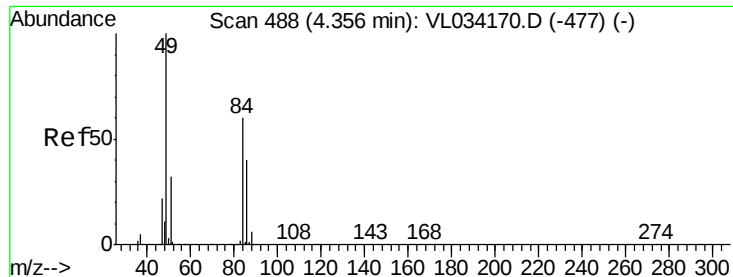
46 0.0 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

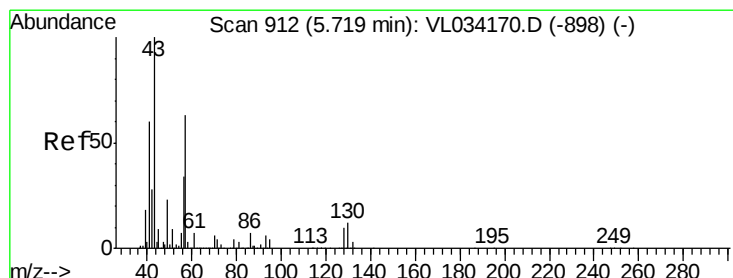
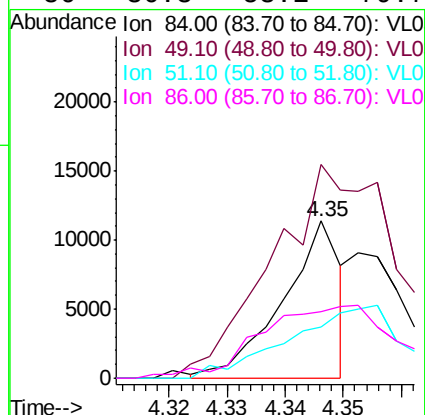
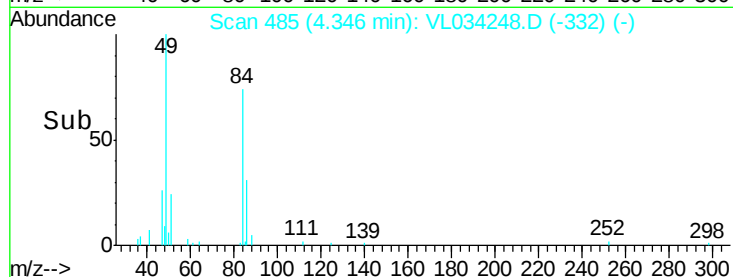
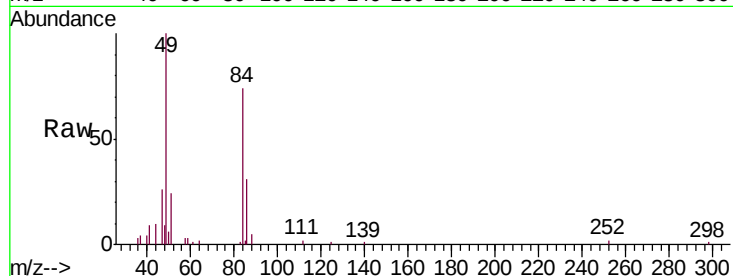




#20
Methylene Chloride
Concen: 0.229 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL034248.D
Acq: 8 Oct 2019 11:12

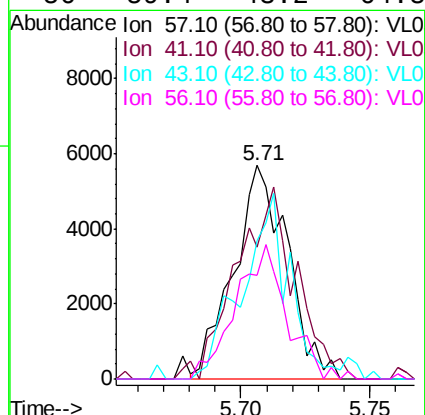
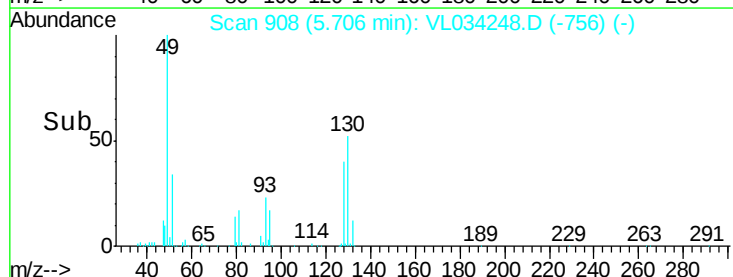
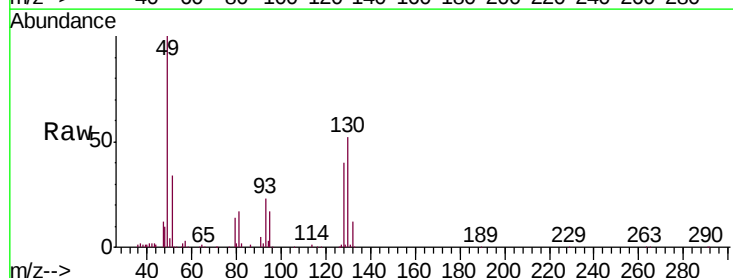
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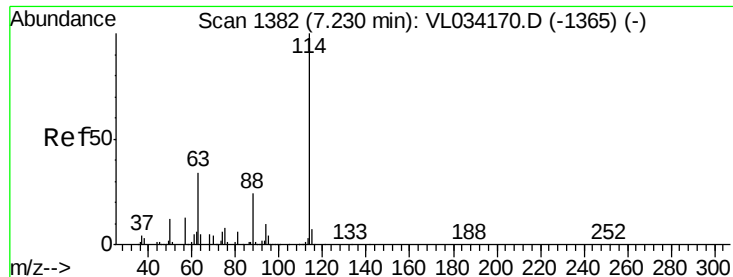
Tgt Ion:	84	Resp:	7905
Ion	Ratio	Lower	Upper
84	100		
49	129.1	133.8	200.8#
51	33.5	43.6	65.4#
86	36.3	53.1	79.7#



#26
Hexane
Concen: 0.088 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.01 min
Lab File: VL034248.D
Acq: 8 Oct 2019 11:12

Tgt Ion:	57	Resp:	8319
Ion	Ratio	Lower	Upper
57	100		
41	98.2	78.5	117.7
43	79.9	189.5	284.3#
56	59.4	43.2	64.8

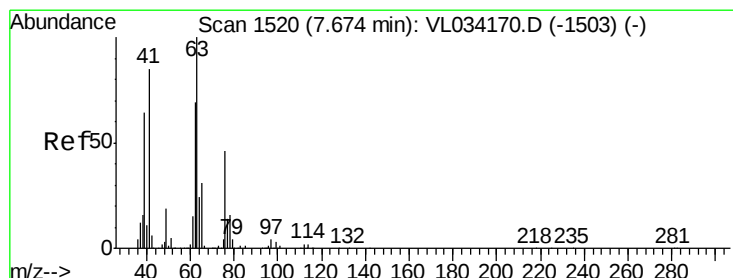
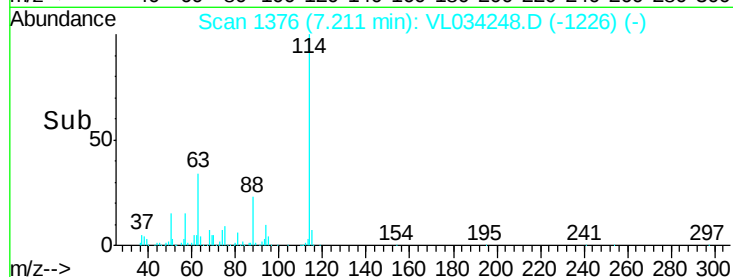
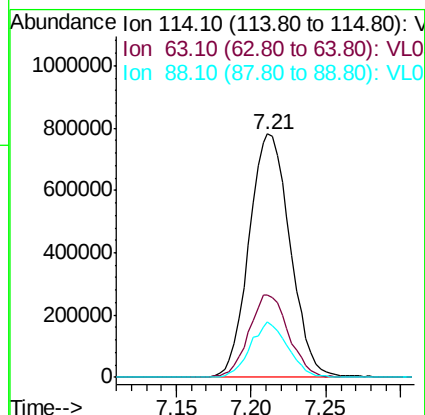
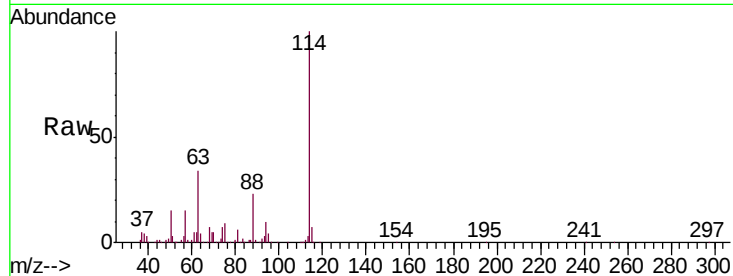




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034248.D
 Acq: 8 Oct 2019 11:12

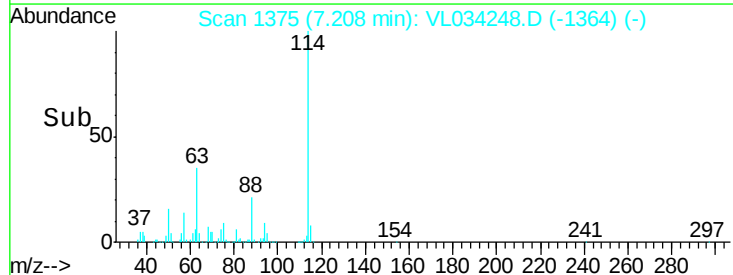
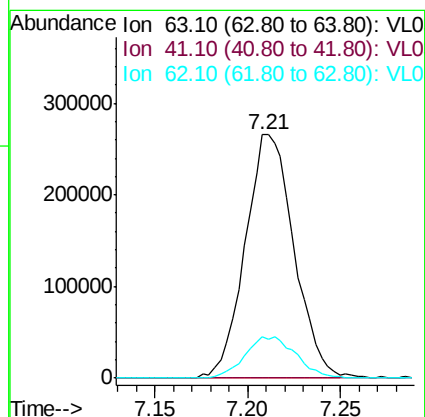
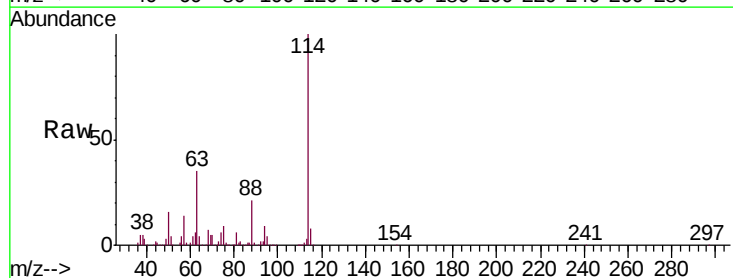
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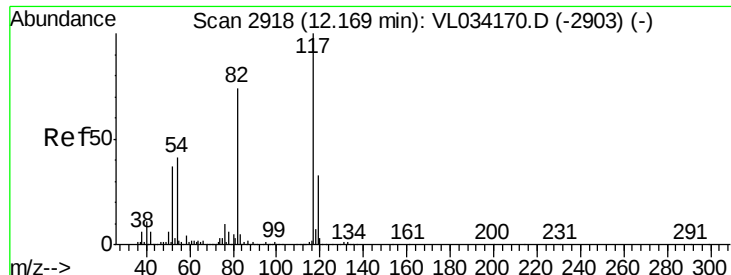
Tgt Ion: 114 Resp: 1489181
 Ion Ratio Lower Upper
 114 100
 63 32.9 27.8 41.6
 88 20.8 17.1 25.7



#39
 1,2-Dichloropropane
 Concen: 6.574 ppbv
 RT: 7.21 min Scan# 1375
 Delta R.T. -0.47 min
 Lab File: VL034248.D
 Acq: 8 Oct 2019 11:12

Tgt Ion: 63 Resp: 485839
 Ion Ratio Lower Upper
 63 100
 41 0.0 68.4 102.6#
 62 16.8 55.4 83.2#

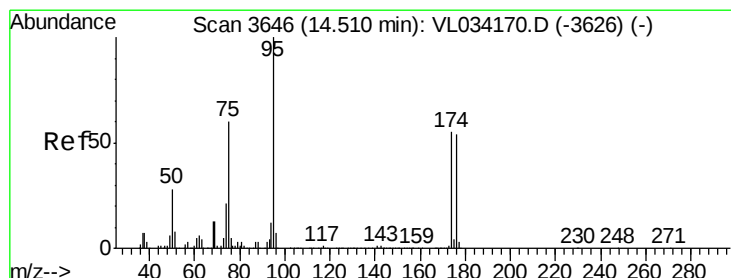
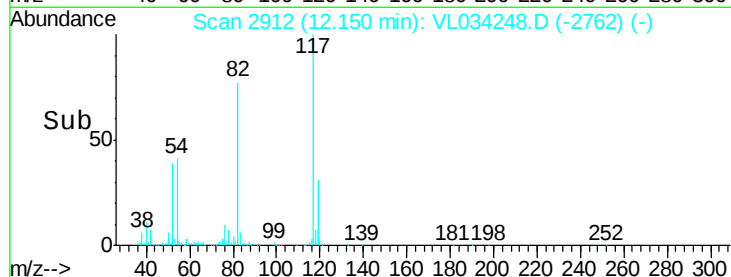
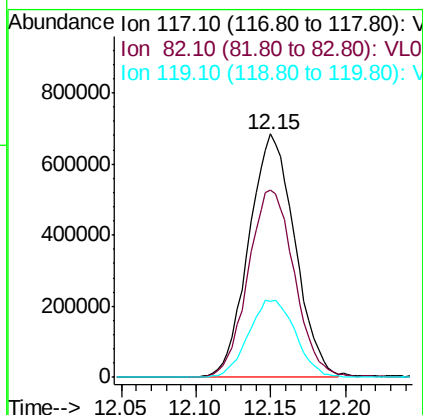
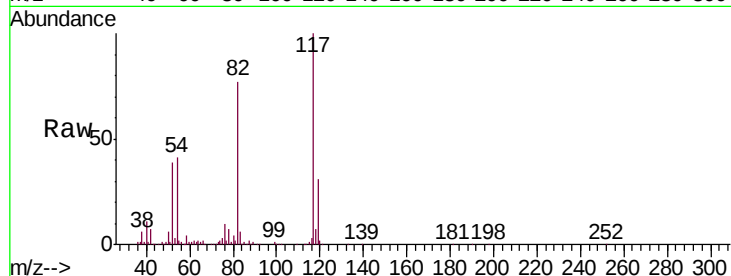




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034248.D
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Tgt Ion: 117 Resp: 1460347
Ion Ratio Lower Upper
117 100
82 78.1 58.2 87.4
119 32.7 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.382 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034248.D
Acq: 8 Oct 2019 11:12

Tgt Ion: 95 Resp: 1317411
Ion Ratio Lower Upper
95 100
174 55.3 45.1 67.7
175 4.0 3.3 4.9

