

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091819\
Quantitation Report (Not Reviewed)

Data File : VL034191.D
Acq On : 18 Sep 2019 20:31
Operator : SY/AP
Sample : QC CAN 10298
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10298

Quant Time: Sep 19 06:52:11 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	5.70	49	1131749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1820038	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1830990	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1663217	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

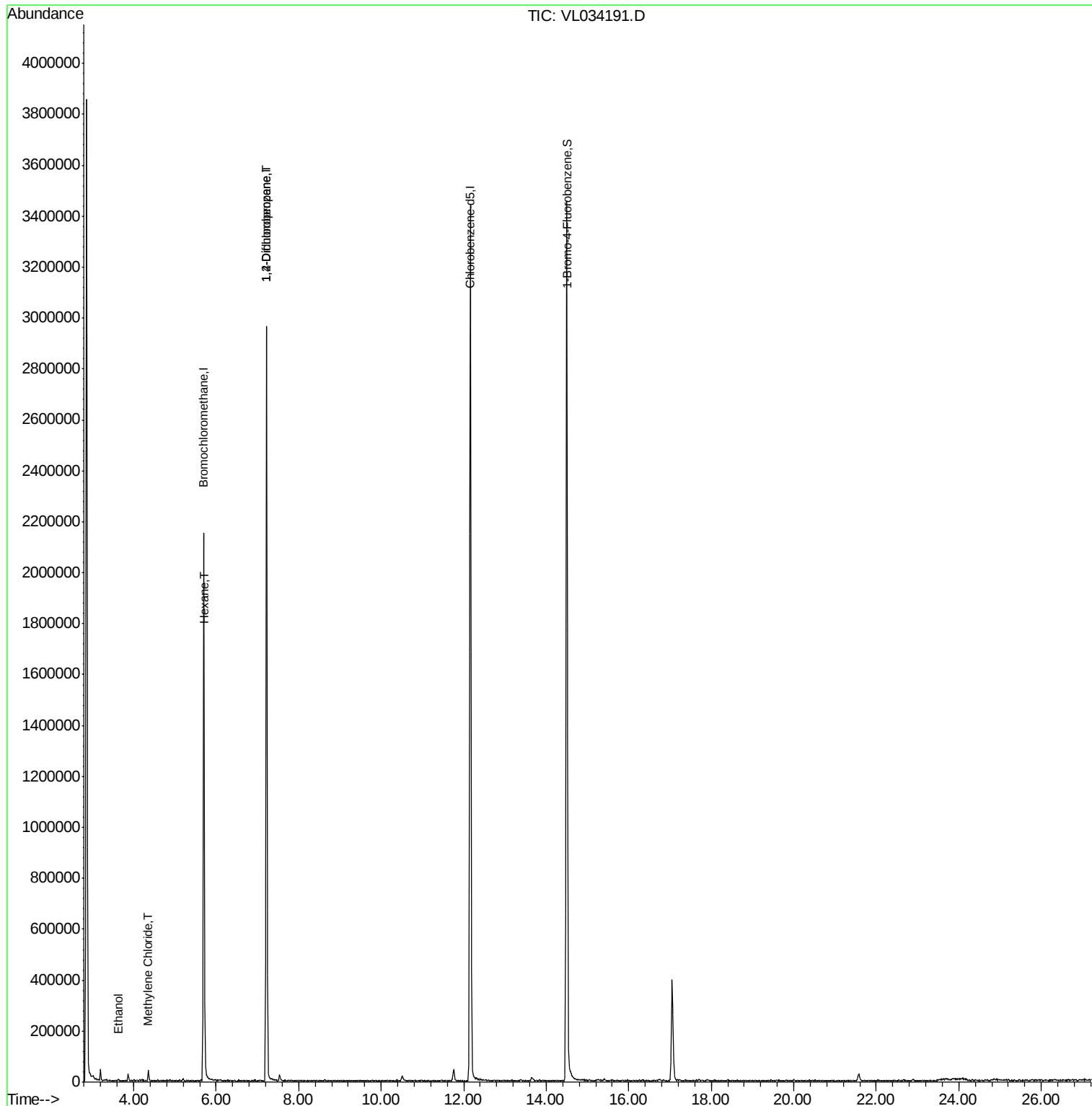
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	2288	0.144	ppbv #	41
20) Methylene Chloride	4.35	84	11255	0.257	ppbv #	89
26) Hexane	5.72	57	5802	0.049	ppbv #	27
39) 1,2-Dichloropropane	7.22	63	619308	6.857	ppbv #	20

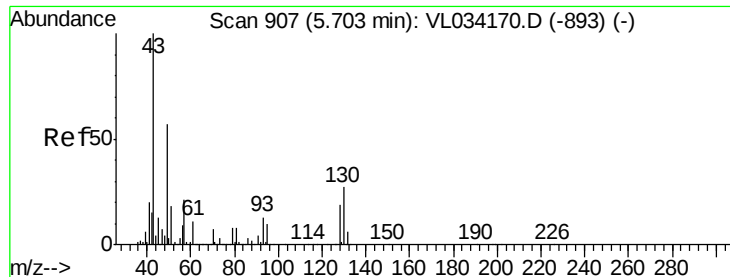
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

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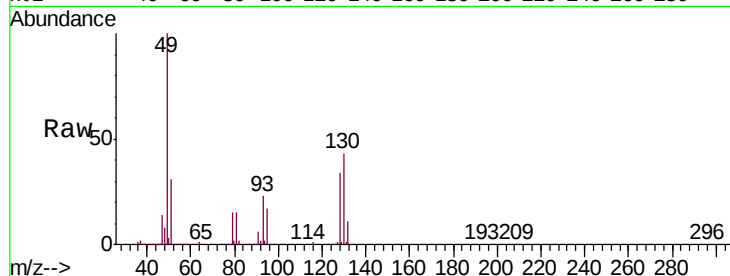
Tgt Ion: 49 Resp: 1131749

Ion Ratio Lower Upper

49 100

128 34.6 17.6 52.9

130 44.7 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

800000

600000

400000

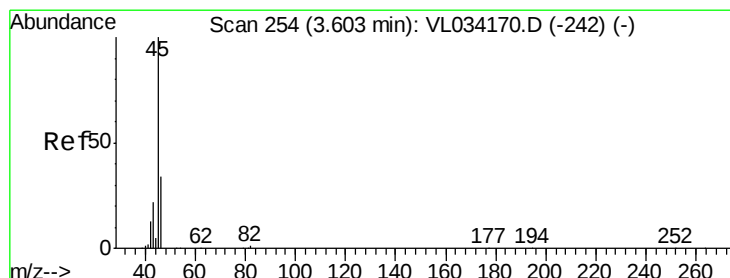
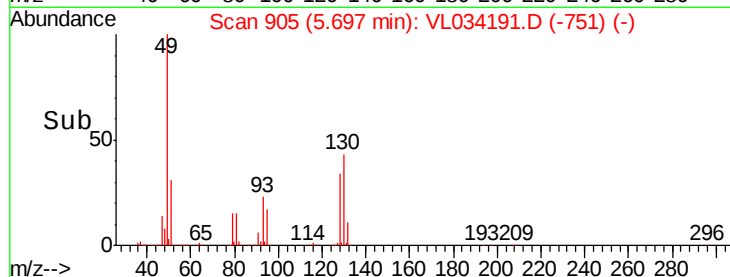
200000

0

5.70

5.60 5.65 5.70 5.75 5.80

Time-->



#13

Ethanol

Concen: 0.144 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL034191.D

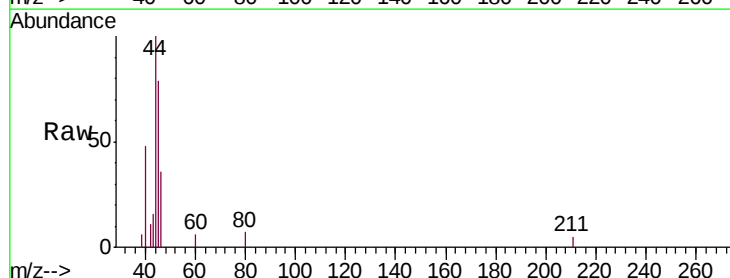
Acq: 18 Sep 2019 20:31

Tgt Ion: 45 Resp: 2288

Ion Ratio Lower Upper

45 100

46 74.7 15.5 61.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

4000

3000

2000

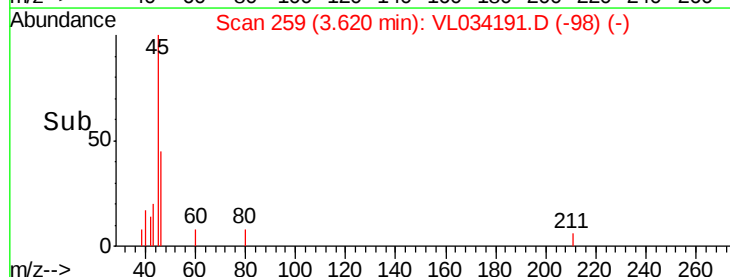
1000

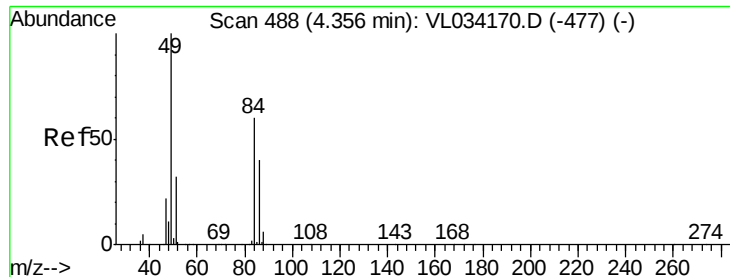
0

3.62

3.59 3.60 3.61 3.62 3.63

Time-->

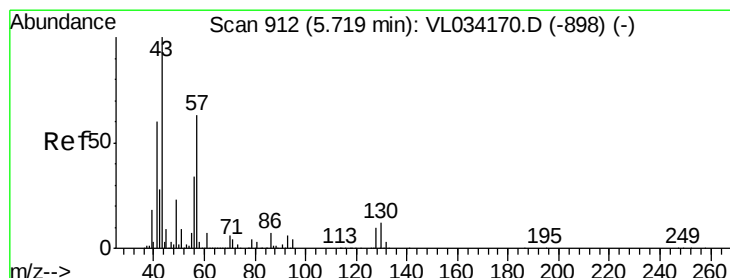
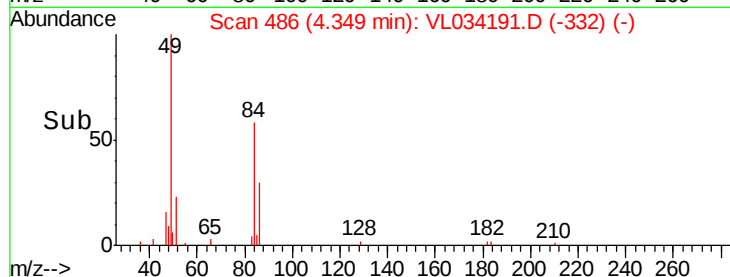
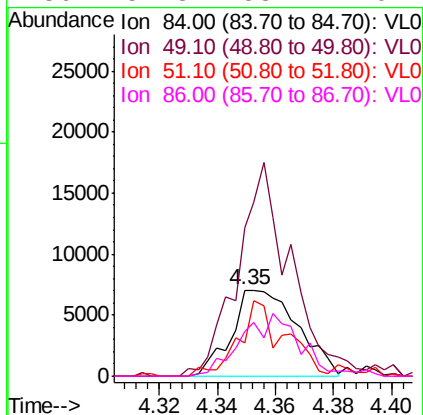
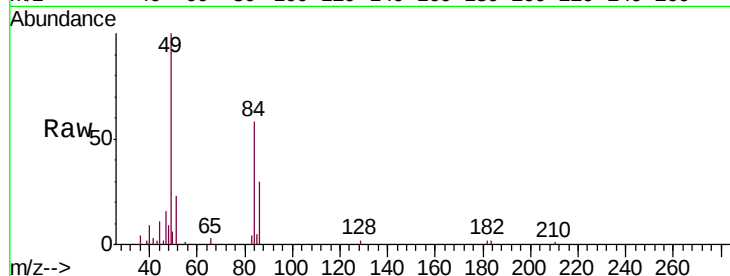




#20
Methylene Chloride
Concen: 0.257 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034191.D
Acq: 18 Sep 2019 20:31

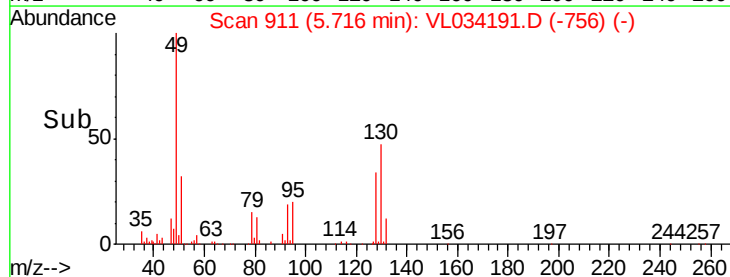
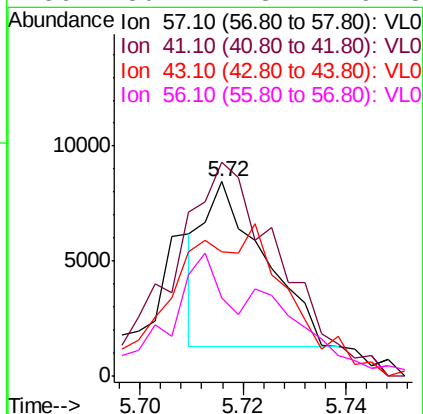
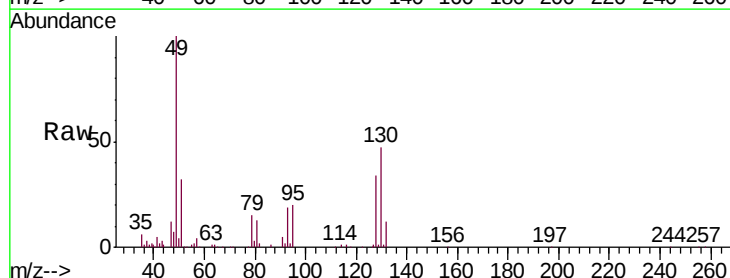
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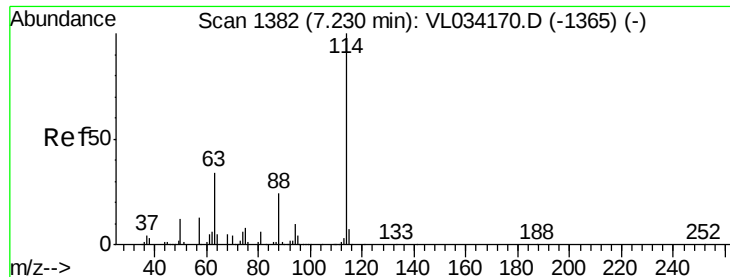
Tgt Ion:	84	Resp:	11255
Ion	Ratio	Lower	Upper
84	100		
49	174.1	133.8	200.8
51	38.9	43.6	65.4#
86	52.3	53.1	79.7#



#26
Hexane
Concen: 0.049 ppbv
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034191.D
Acq: 18 Sep 2019 20:31

Tgt Ion:	57	Resp:	5802
Ion	Ratio	Lower	Upper
57	100		
41	243.3	78.5	117.7#
43	178.6	189.5	284.3#
56	130.7	43.2	64.8#

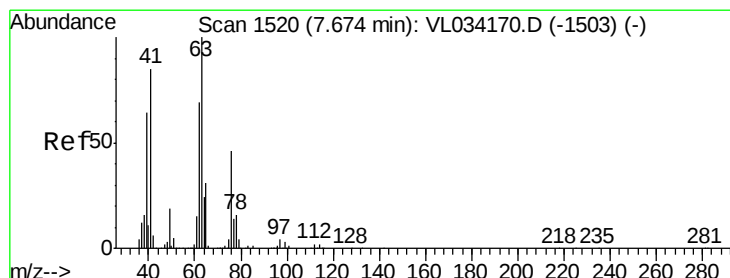
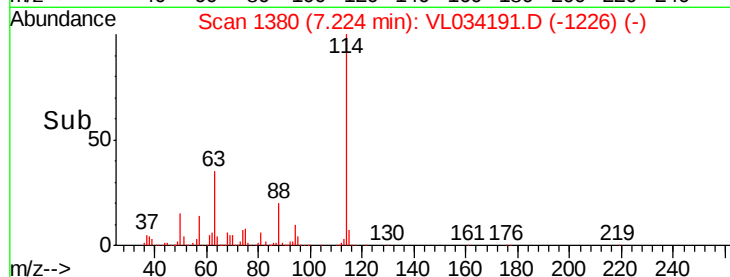
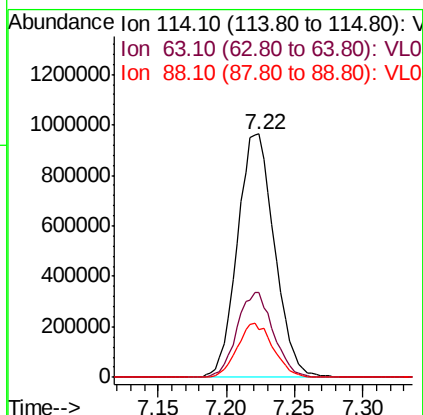
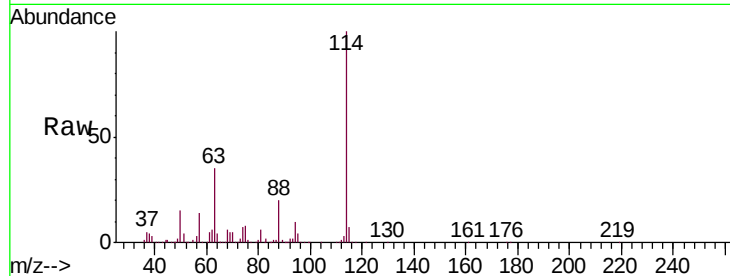




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.22 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: VL034191.D
 Acq: 18 Sep 2019 20:31

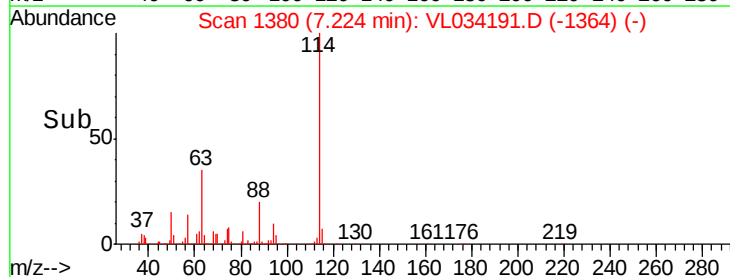
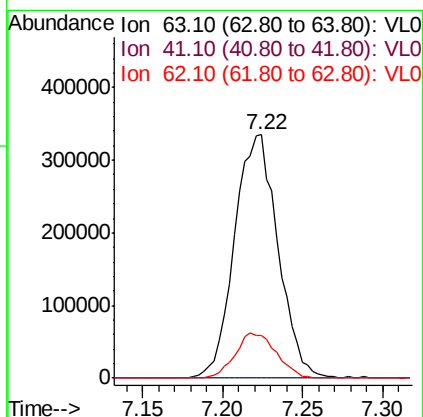
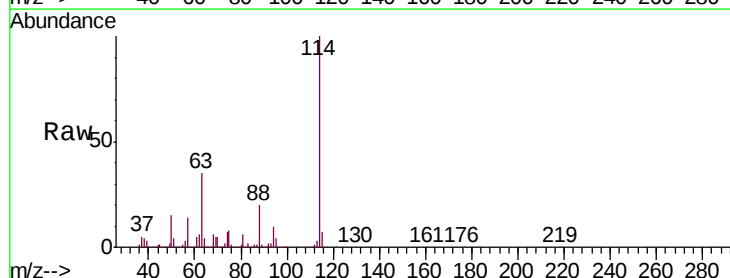
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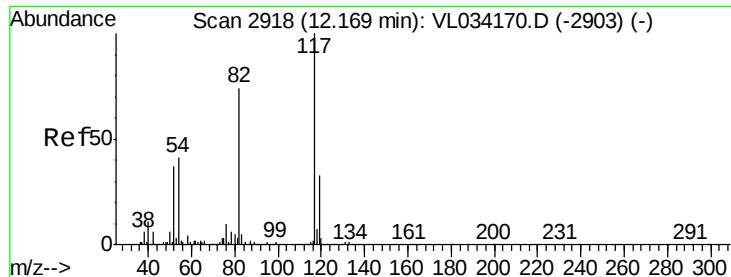
Tgt Ion: 114 Resp: 1820038
 Ion Ratio Lower Upper
 114 100
 63 34.1 27.8 41.6
 88 21.5 17.1 25.7



#39
 1,2-Dichloropropane
 Concen: 6.857 ppbv
 RT: 7.22 min Scan# 1380
 Delta R.T. -0.45 min
 Lab File: VL034191.D
 Acq: 18 Sep 2019 20:31

Tgt Ion: 63 Resp: 619308
 Ion Ratio Lower Upper
 63 100
 41 0.1 68.4 102.6#
 62 17.7 55.4 83.2#

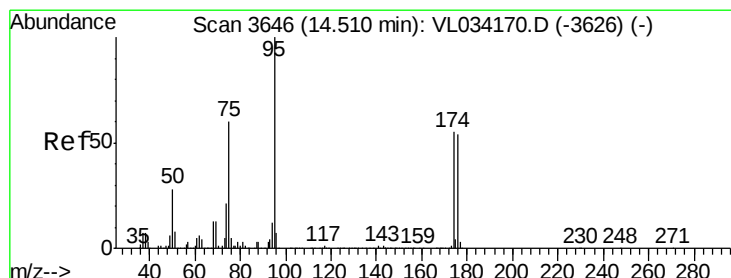
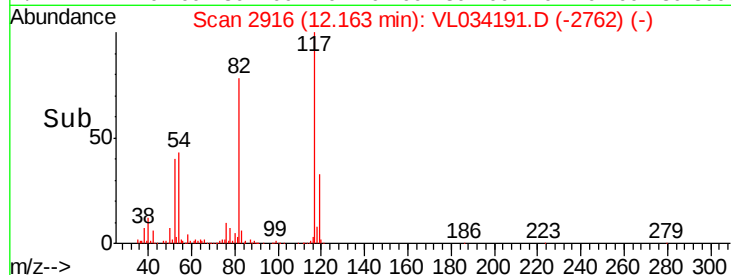
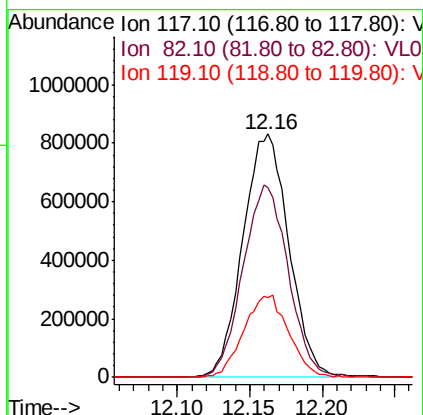
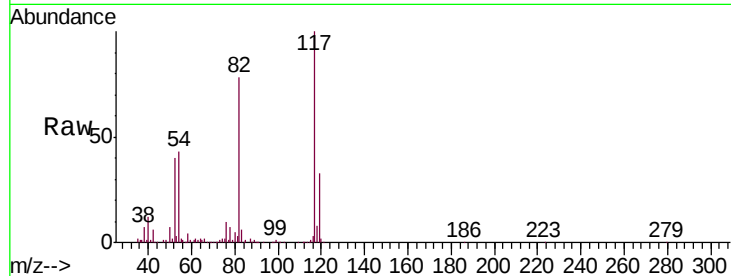




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL034191.D
Acq: 18 Sep 2019 20:31

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Tgt Ion: 117 Resp: 1830990
Ion Ratio Lower Upper
117 100
82 78.7 58.2 87.4
119 33.1 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.454 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. -0.01 min
Lab File: VL034191.D
Acq: 18 Sep 2019 20:31

Tgt Ion: 95 Resp: 1663217
Ion Ratio Lower Upper
95 100
174 55.3 45.1 67.7
175 3.7 3.3 4.9

