

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022820\
Quantitation Report (Not Reviewed)

Data File : VL034733.D
Acq On : 28 Feb 2020 10:48
Operator : SY/AP
Sample : VL0228ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0228ABL01

Quant Time: Mar 02 04:29:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	957374	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2019883	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1992093	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1681488	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

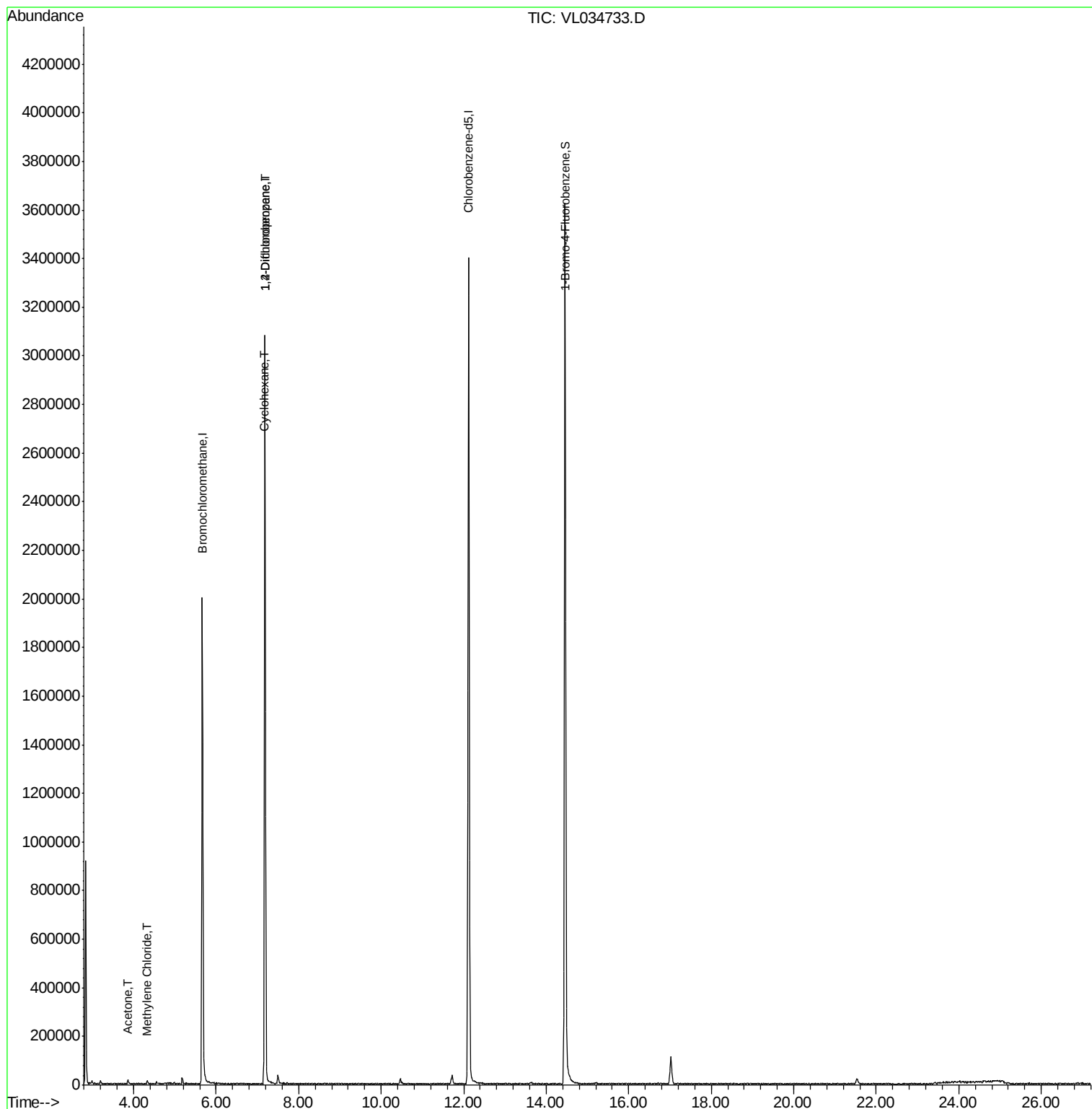
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	10342	0.095	ppbv #	48
20) Methylene Chloride	4.32	84	1166	0.029	ppbv #	31
30) Cyclohexane	7.17	84	1979	0.029	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	574387	8.276	ppbv #	23

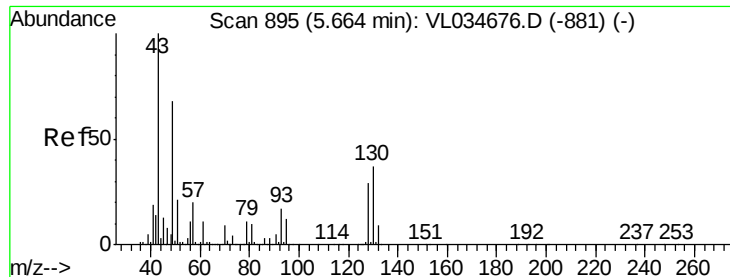
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0228ABL01

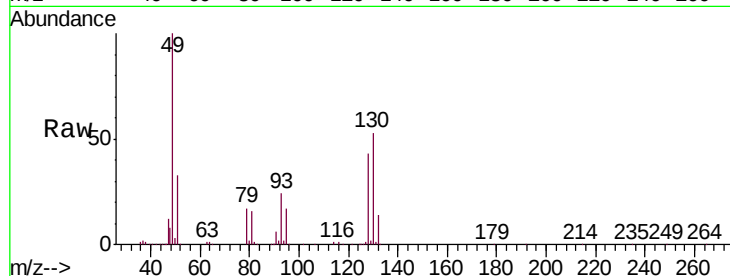
Tgt Ion: 49 Resp: 957374

Ion Ratio Lower Upper

49 100

128 45.4 21.6 65.0

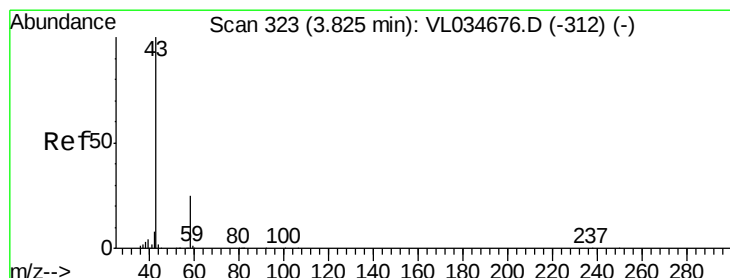
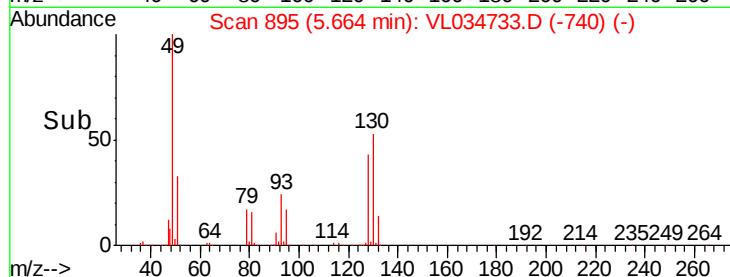
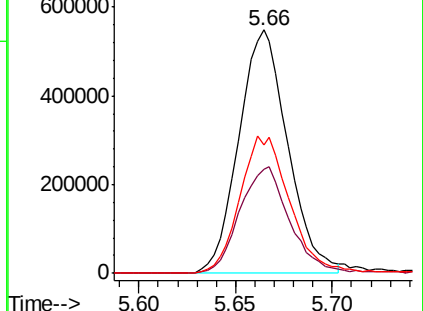
130 58.7 27.7 83.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.095 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.03 min

Lab File: VL034733.D

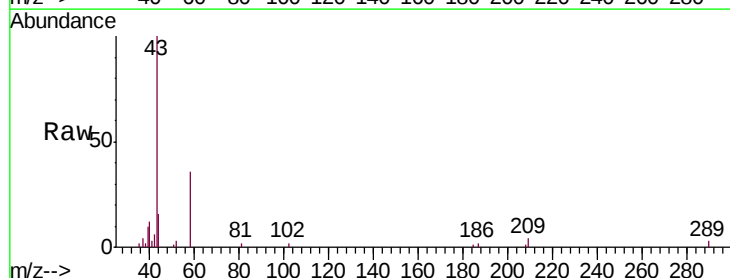
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Tgt Ion: 43 Resp: 10342

Ion Ratio Lower Upper

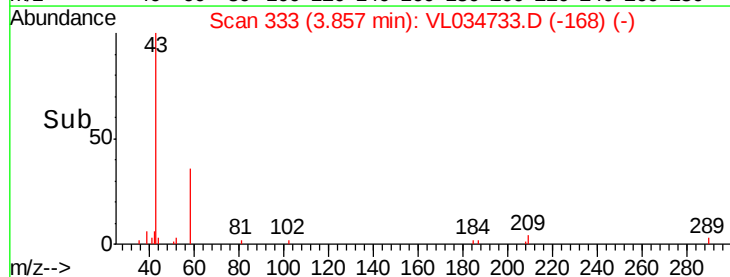
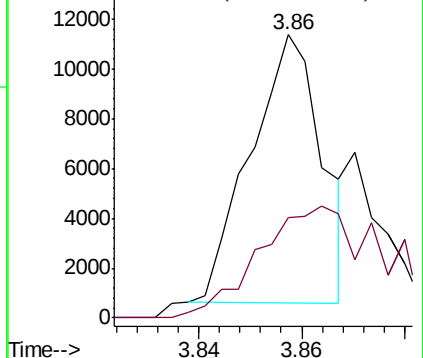
43 100

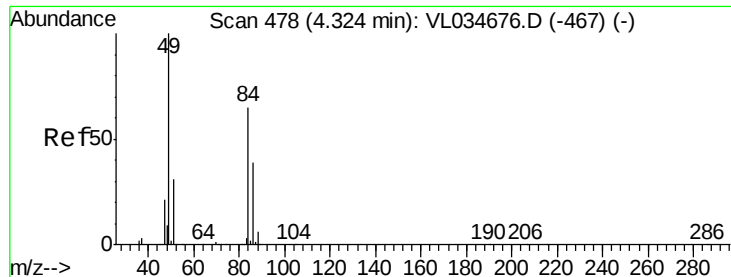
58 0.0 21.4 32.0#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

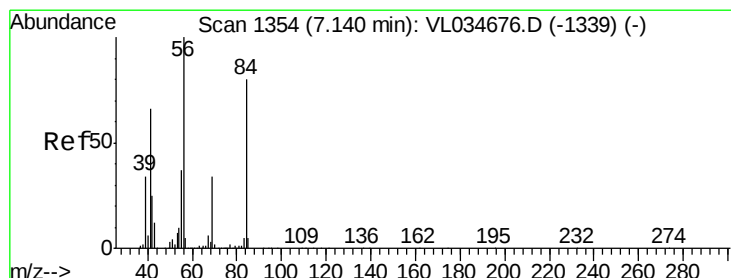
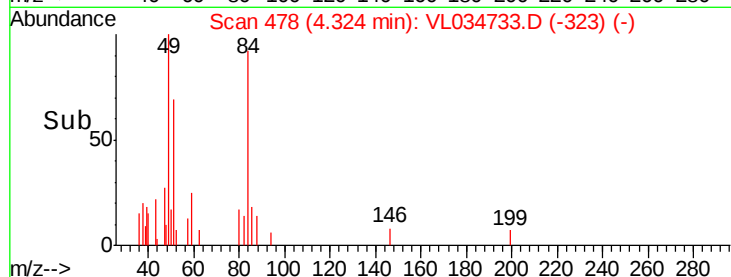
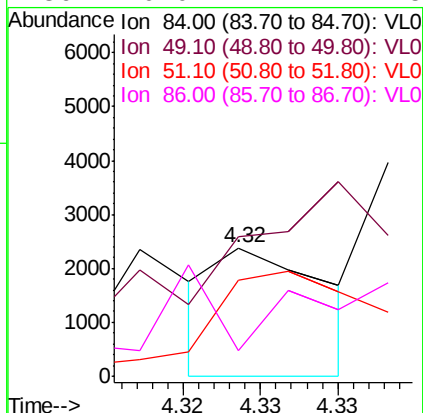
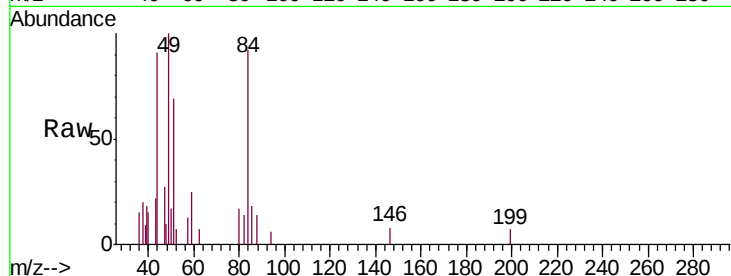




#20
Methylene Chloride
Concen: 0.029 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL034733.D
Acq: 28 Feb 2020 10:48

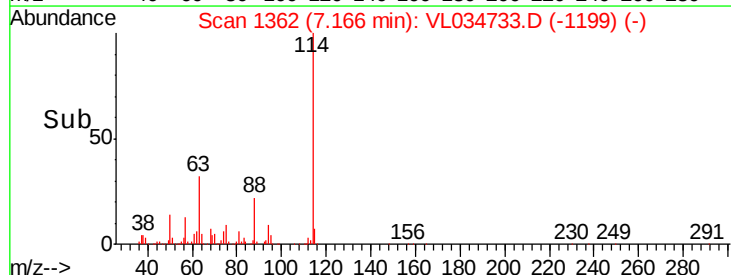
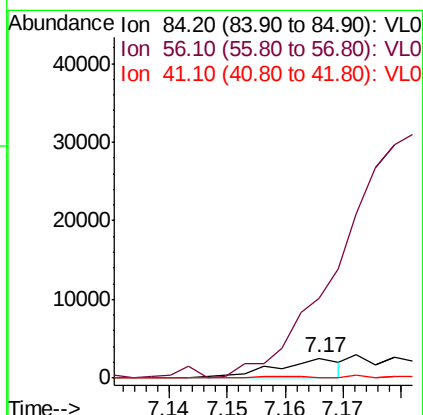
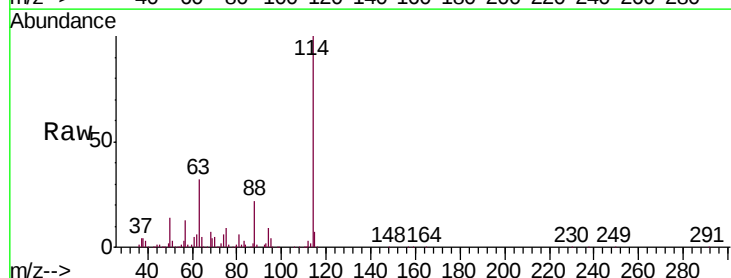
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABL01

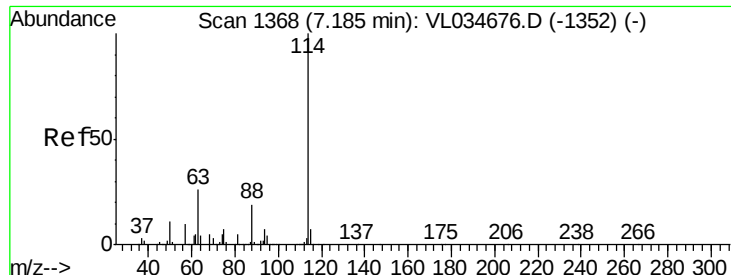
Tgt Ion:	84	Resp:	1166
Ion	Ratio	Lower	Upper
84	100		
49	180.4	122.8	184.2
51	190.9	38.6	58.0#
86	0.0	47.7	71.5#



#30
Cyclohexane
Concen: 0.029 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.03 min
Lab File: VL034733.D
Acq: 28 Feb 2020 10:48

Tgt Ion:	84	Resp:	1979
Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.4	170.2#
41	0.0	68.2	102.4#

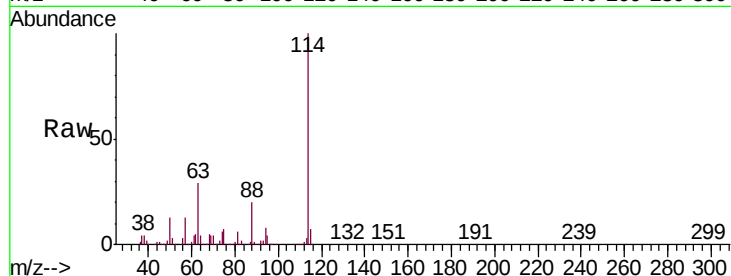




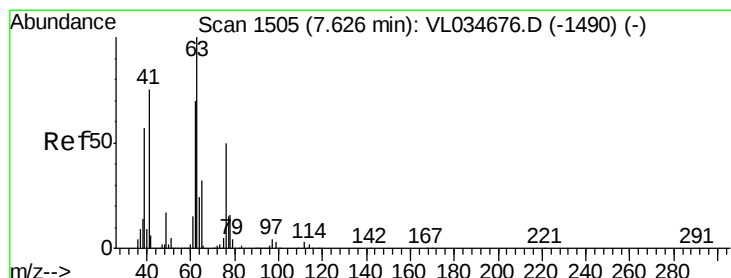
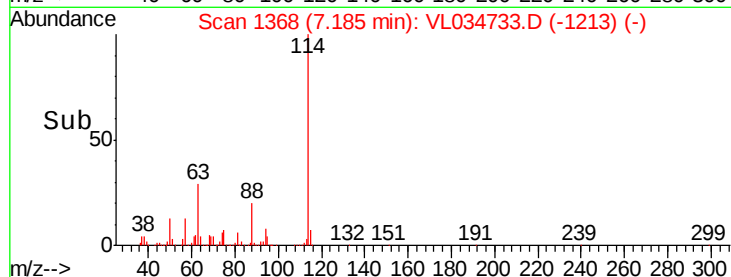
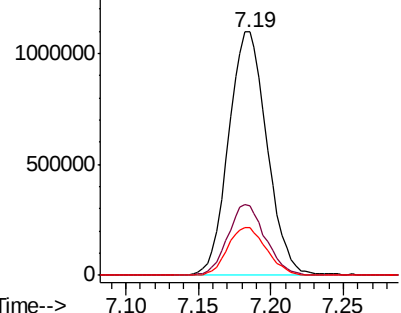
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL034733.D
 Acq: 28 Feb 2020 10:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABL01

Tgt Ion: 114 Resp: 2019883
 Ion Ratio Lower Upper
 114 100
 63 28.6 22.9 34.3
 88 20.0 15.8 23.6

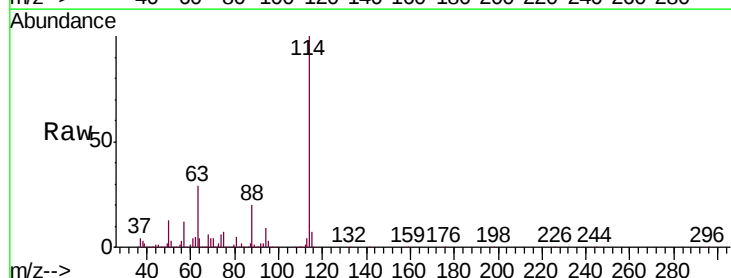


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

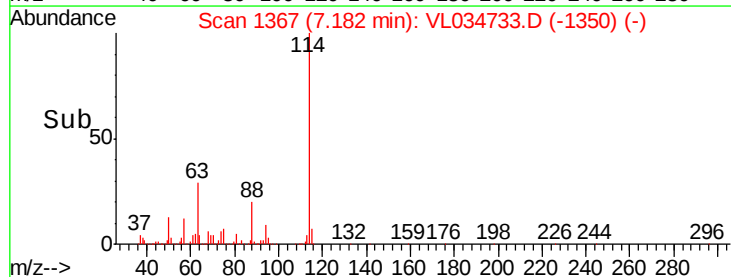
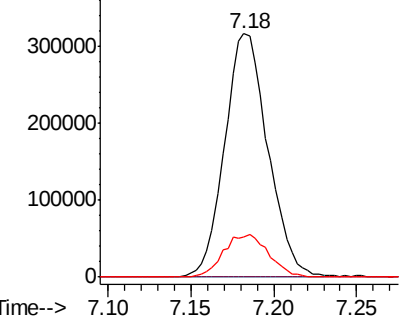


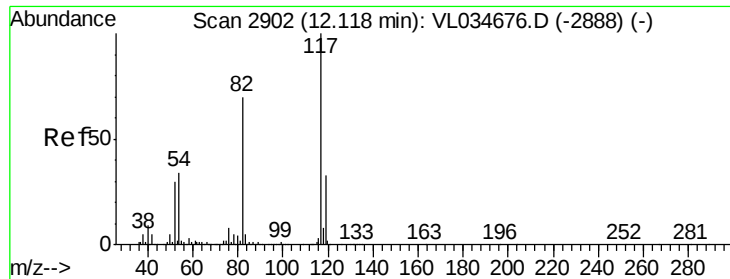
#39
 1,2-Dichloropropane
 Concen: 8.276 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.44 min
 Lab File: VL034733.D
 Acq: 28 Feb 2020 10:48

Tgt Ion: 63 Resp: 574387
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.2 90.4#
 62 16.5 56.3 84.5#



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

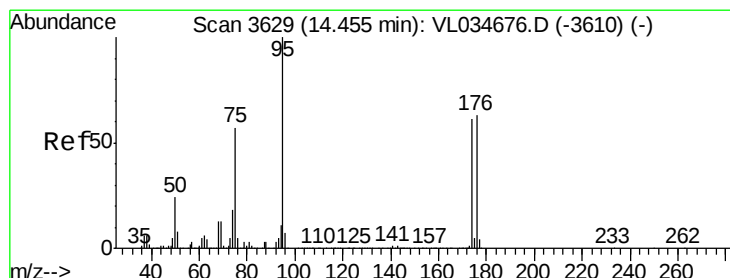
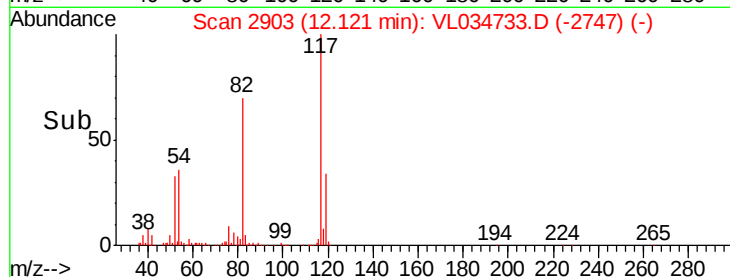
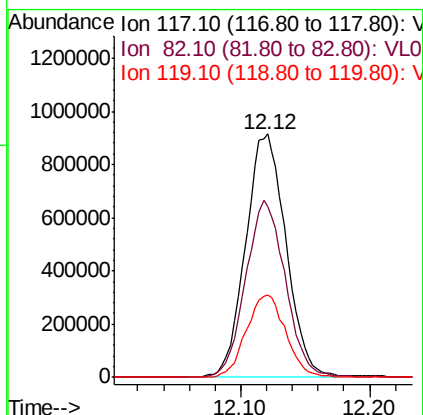
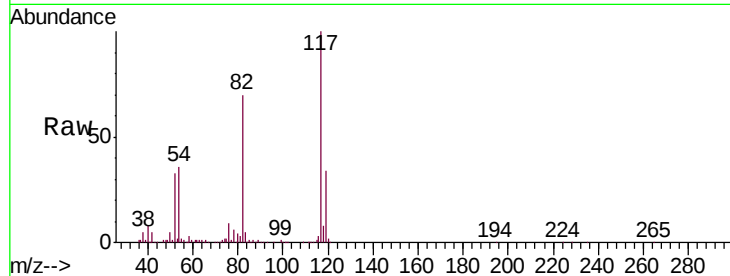




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
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Tgt Ion: 117 Resp: 1992093
Ion Ratio Lower Upper
117 100
82 72.1 54.1 81.1
119 33.4 27.6 41.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.294 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL034733.D
Acq: 28 Feb 2020 10:48

Tgt Ion: 95 Resp: 1681488
Ion Ratio Lower Upper
95 100
174 63.7 50.7 76.1
175 4.4 3.9 5.9

