

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\
Quantitation Report (Not Reviewed)

Data File : VL032768.D
Acq On : 14 Nov 2018 21:04
Operator : SY/AP
Sample : QC110818 CAN 10607
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110818 CAN 10607

Quant Time: Nov 15 04:59:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1398651	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3492454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3070392	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2316809	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

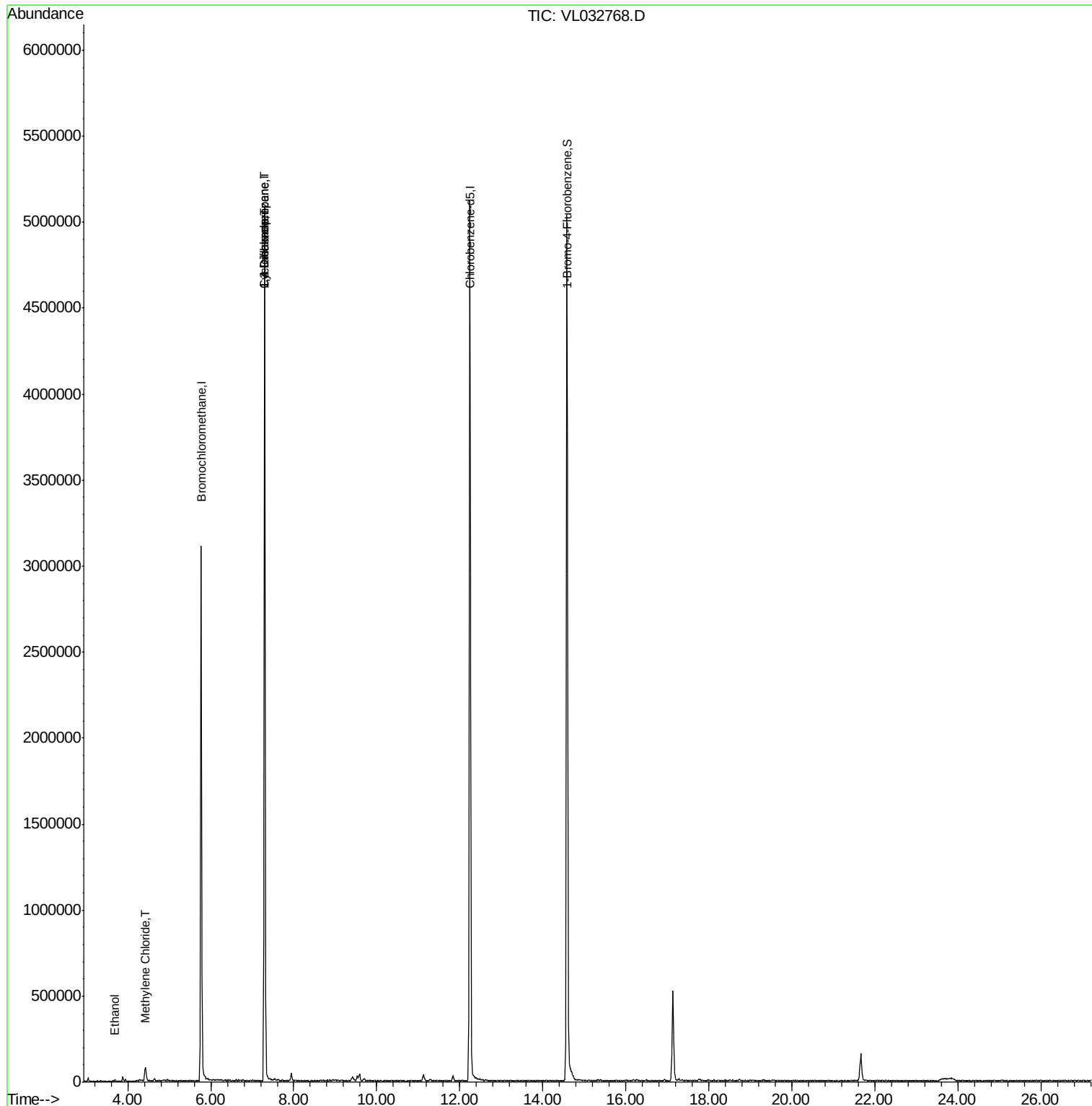
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.68	45	680	0.047	ppbv #	39
20) Methylene Chloride	4.41	84	24277	0.367	ppbv	96
30) Cyclohexane	7.28	84	8618	0.074	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	882152	8.325	ppbv #	24

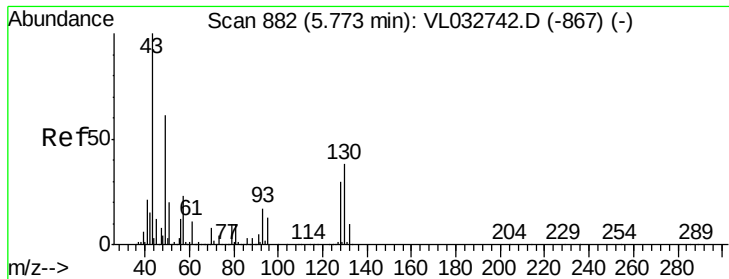
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032768.D

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Instrument :

MSVOA_L

ClientSampleId :

QC110818 CAN 10607

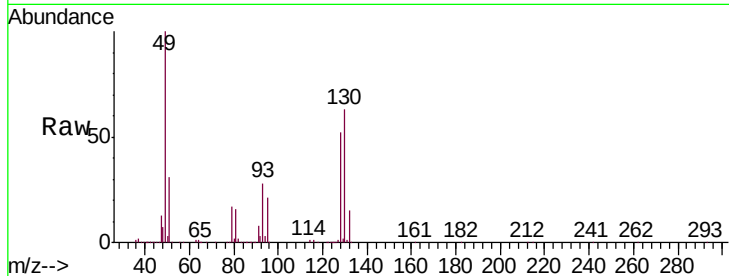
Tgt Ion: 49 Resp: 1398651

Ion Ratio Lower Upper

49 100

128 50.5 24.9 74.6

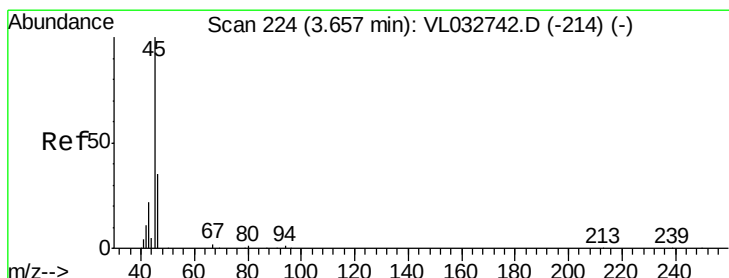
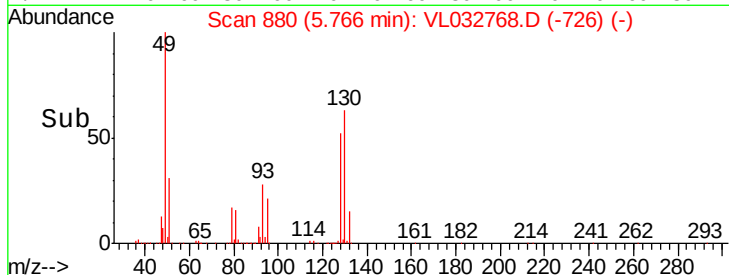
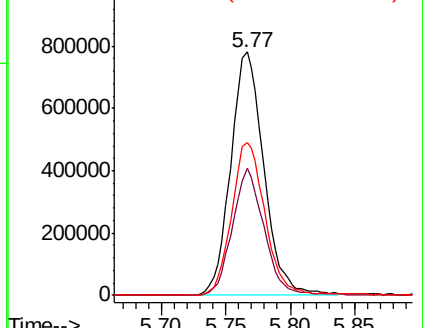
130 64.2 31.4 94.2



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: 0.047 ppbv

RT: 3.68 min Scan# 231

Delta R.T. 0.02 min

Lab File: VL032768.D

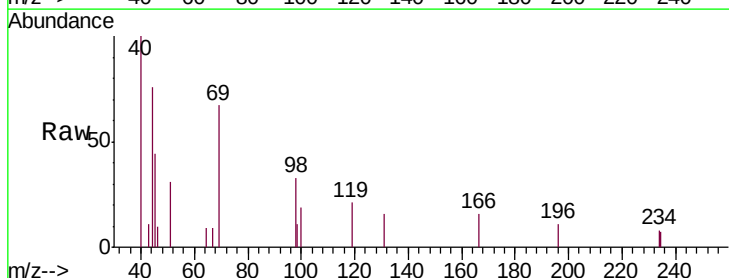
Acq: 14 Nov 2018 21:04

Tgt Ion: 45 Resp: 680

Ion Ratio Lower Upper

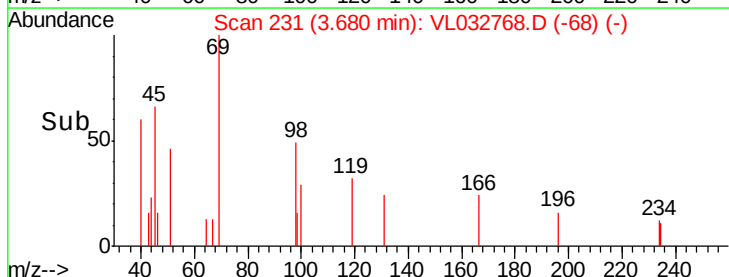
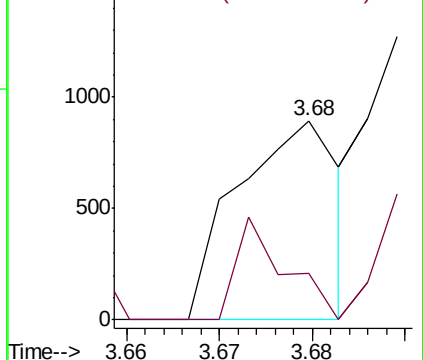
45 100

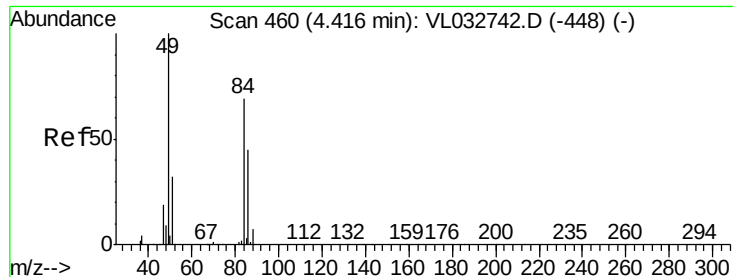
46 0.0 14.5 57.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

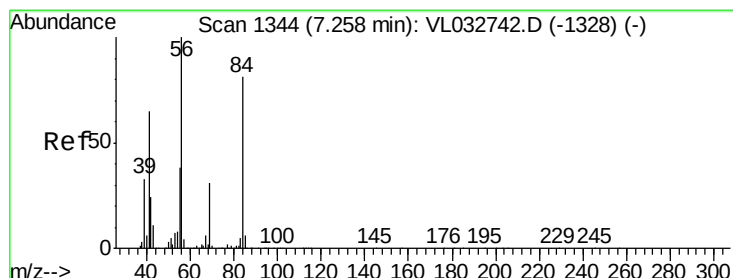
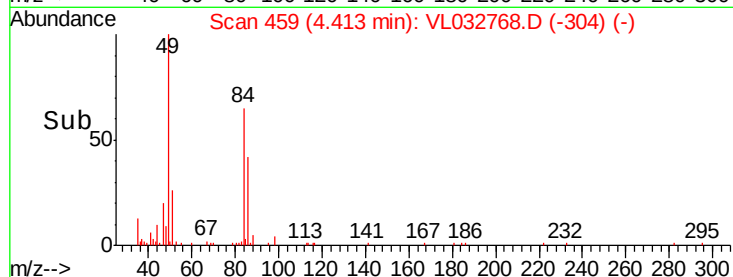
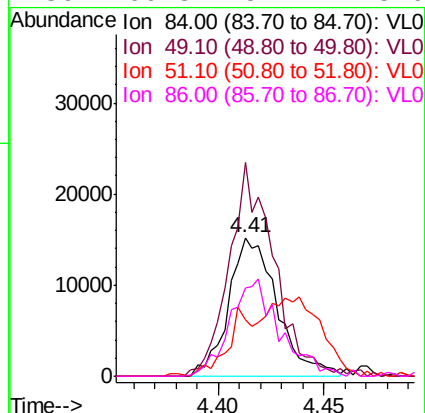
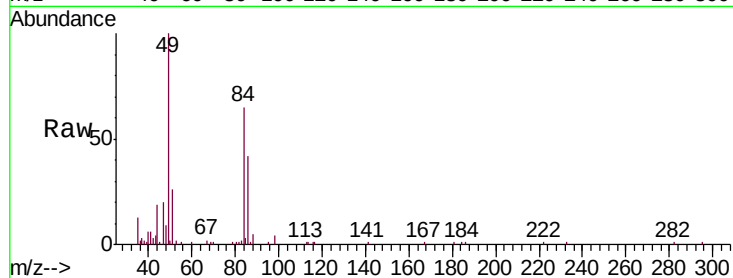




#20
Methylene Chloride
Concen: 0.367 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

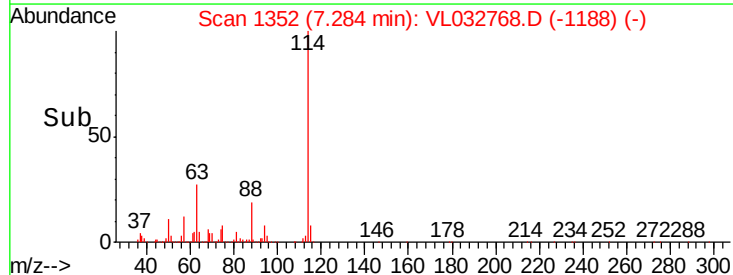
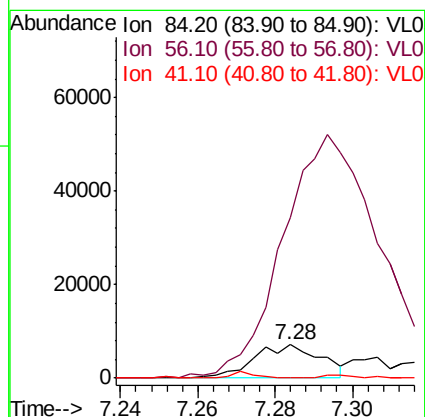
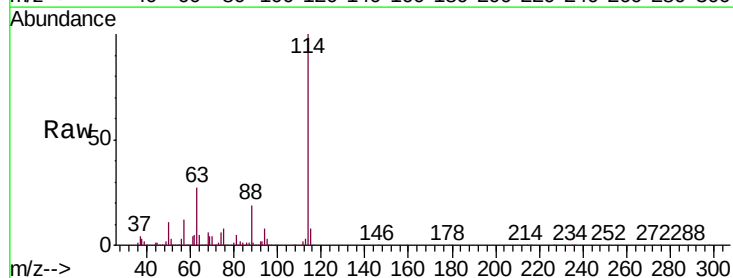
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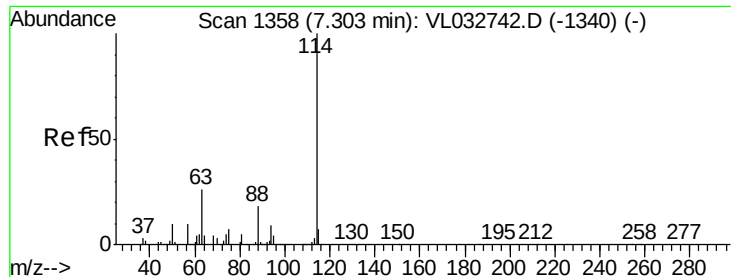
Tgt Ion:	84	Resp:	24277
Ion	Ratio	Lower	Upper
84	100		
49	146.2	115.8	173.6
51	38.7	36.9	55.3
86	60.3	52.4	78.6



#30
Cyclohexane
Concen: 0.074 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.03 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

Tgt Ion:	84	Resp:	8618
Ion	Ratio	Lower	Upper
84	100		
56	1062.5	105.0	157.4#
41	7.6	65.3	97.9#

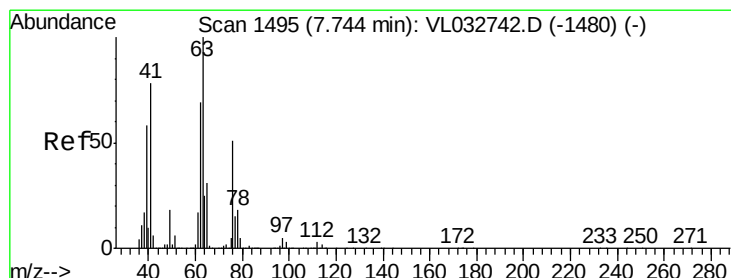
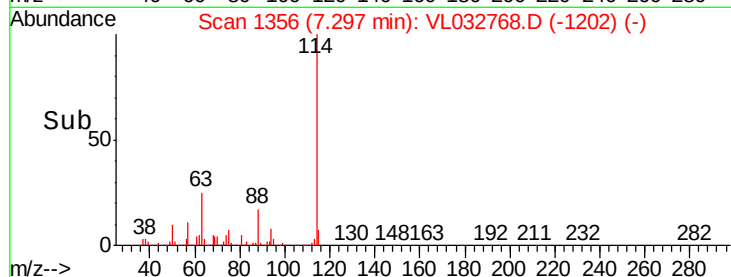
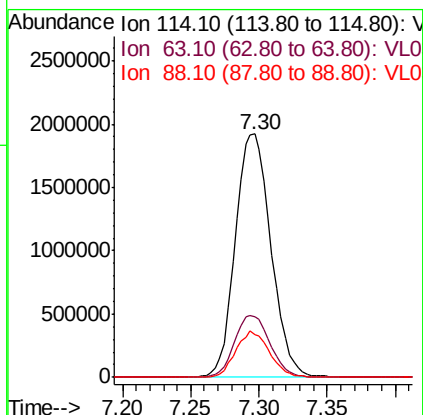
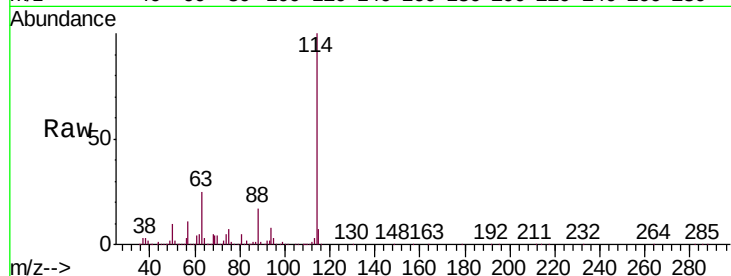




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032768.D
 Acq: 14 Nov 2018 21:04

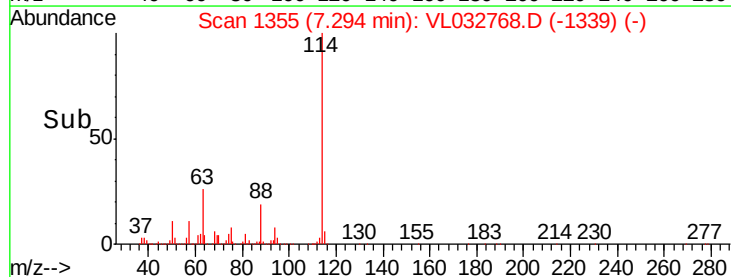
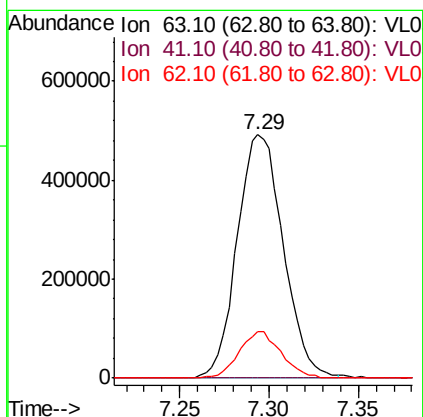
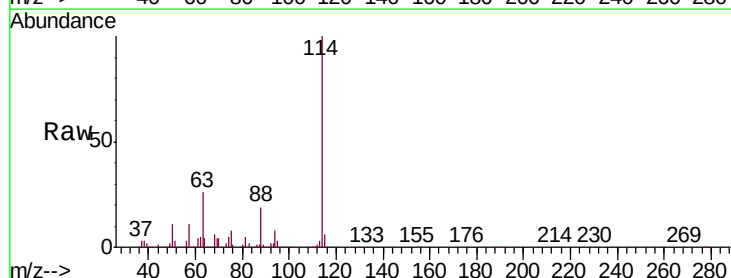
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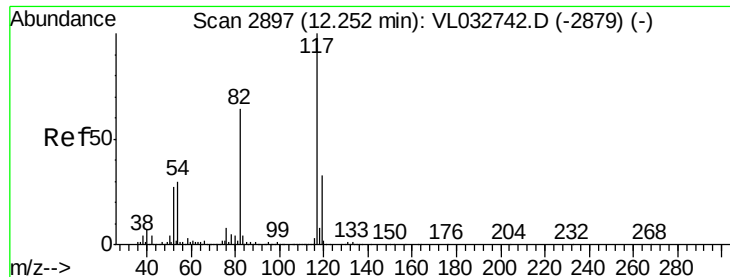
Tgt Ion: 114 Resp: 3492454
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.9 31.3
 88 18.1 14.4 21.6



#39
 1,2-Dichloropropane
 Concen: 8.325 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.45 min
 Lab File: VL032768.D
 Acq: 14 Nov 2018 21:04

Tgt Ion: 63 Resp: 882152
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.0 93.0#
 62 19.1 55.4 83.2#

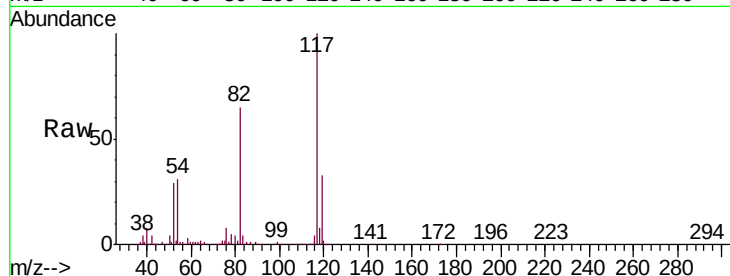




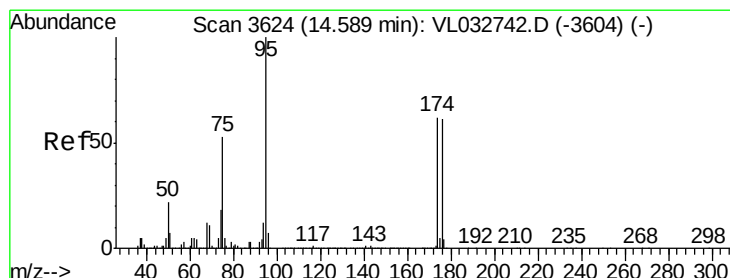
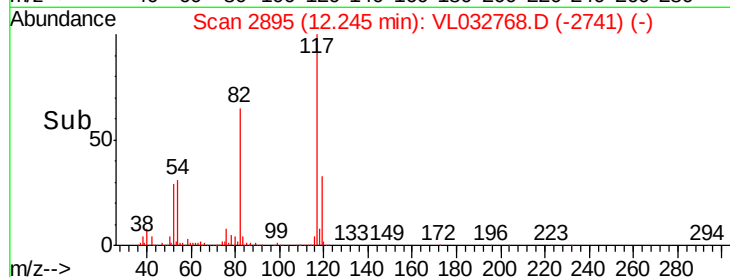
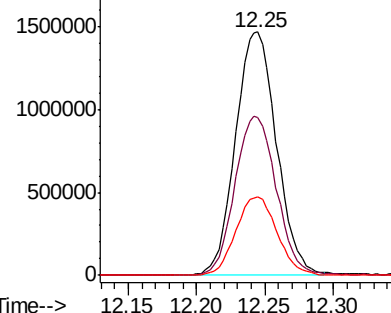
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

Instrument :
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Tgt Ion: 117 Resp: 3070392
Ion Ratio Lower Upper
117 100
82 66.5 51.0 76.6
119 32.7 28.0 42.0

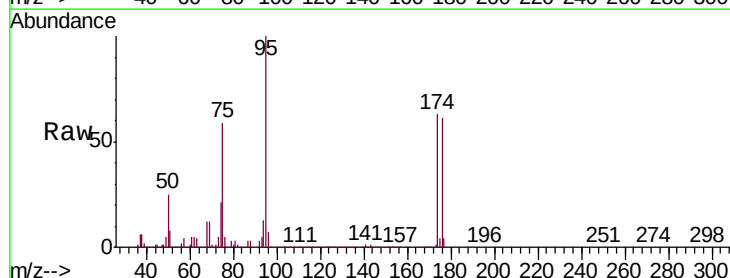


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.088 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032768.D
Acq: 14 Nov 2018 21:04

Tgt Ion: 95 Resp: 2316809
Ion Ratio Lower Upper
95 100
174 64.2 50.7 76.1
175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

