

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
Quantitation Report (Not Reviewed)

Data File : VL032809.D
Acq On : 27 Nov 2018 16:13
Operator : SY/AP
Sample : VL1127ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

Quant Time: Nov 28 03:13:58 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	1302953	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3390187	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3177143	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2294173	9.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

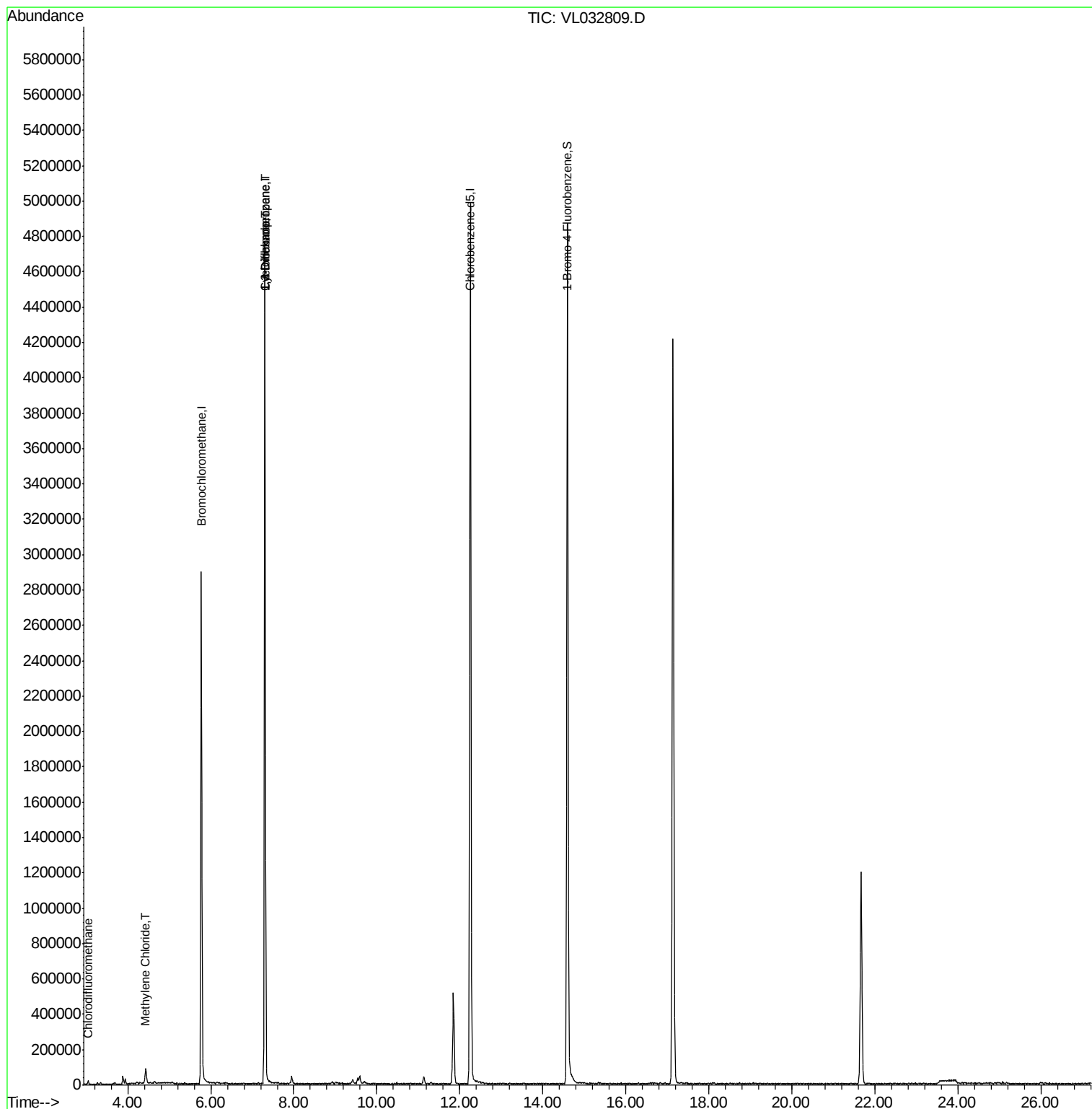
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	3754	0.036	ppbv	97
20) Methylene Chloride	4.42	84	3439	0.056	ppbv #	78
30) Cyclohexane	7.29	84	7080	0.066	ppbv #	1
39) 1,2-Dichloropropane	7.30	63	827717	8.047	ppbv #	23

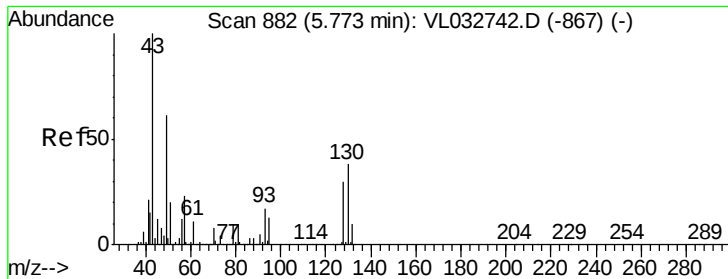
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.00 min

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VL1127ABL01

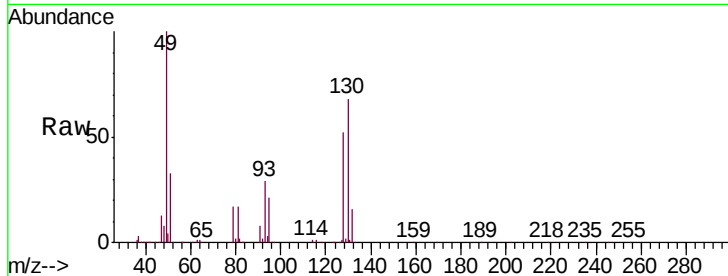
Tgt Ion: 49 Resp: 1302953

Ion Ratio Lower Upper

49 100

128 53.0 24.9 74.6

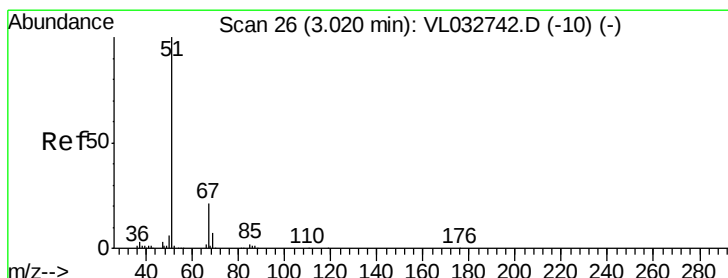
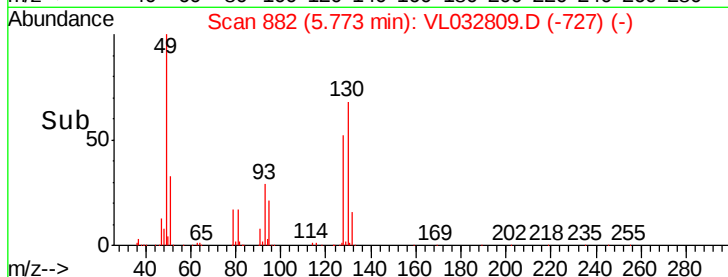
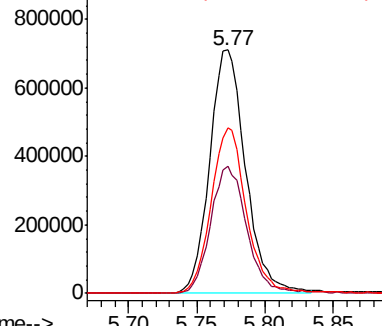
130 67.6 31.4 94.2



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



#3

Chlorodifluoromethane

Concen: 0.036 ppbv

RT: 3.03 min Scan# 28

Delta R.T. 0.01 min

Lab File: VL032809.D

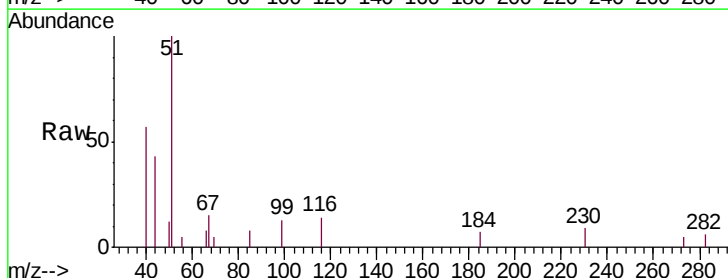
Acq: 27 Nov 2018 16:13

Tgt Ion: 51 Resp: 3754

Ion Ratio Lower Upper

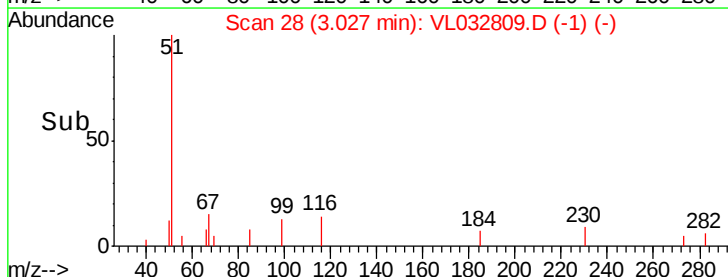
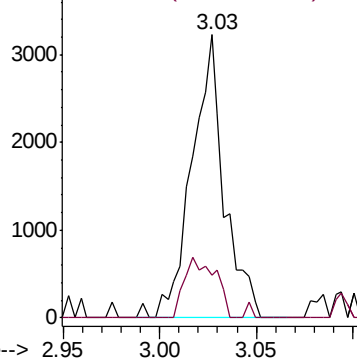
51 100

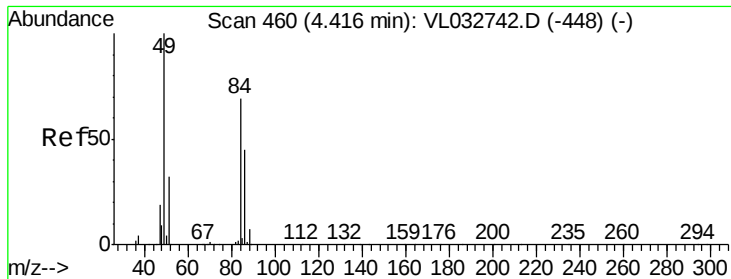
67 21.4 16.1 24.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

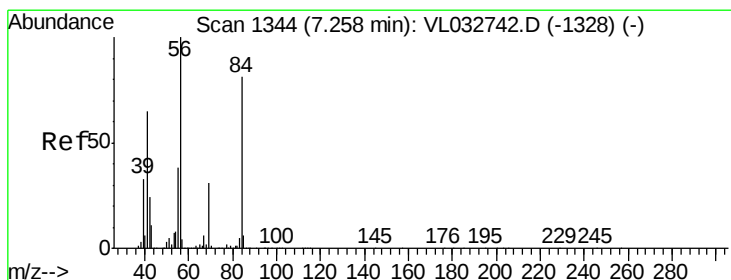
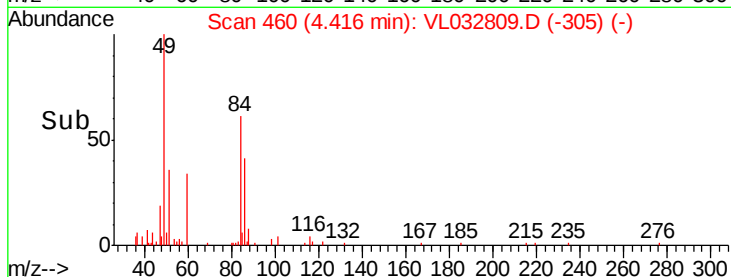
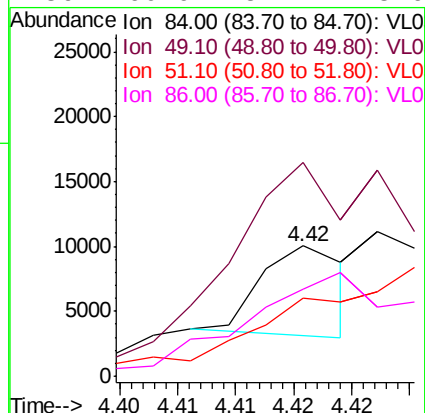
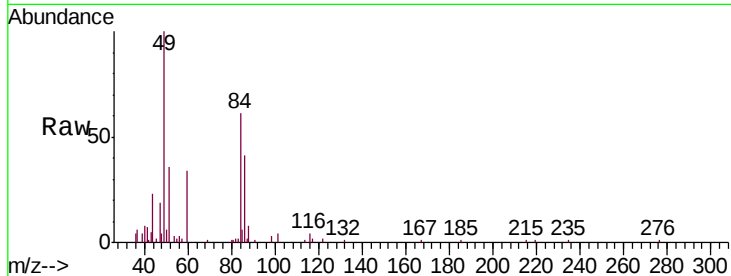




#20
Methylene Chloride
Concen: 0.056 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032809.D
Acq: 27 Nov 2018 16:13

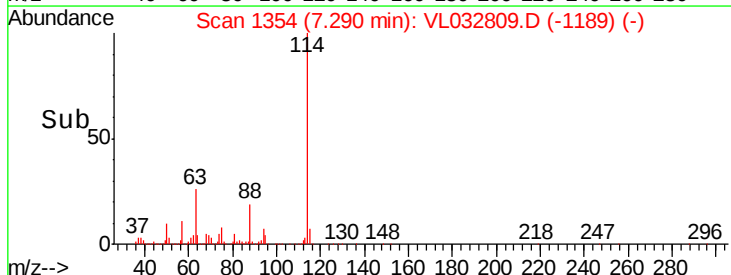
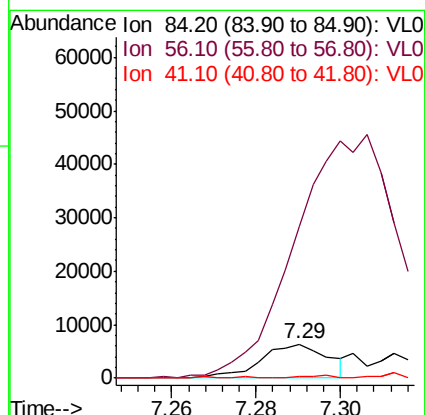
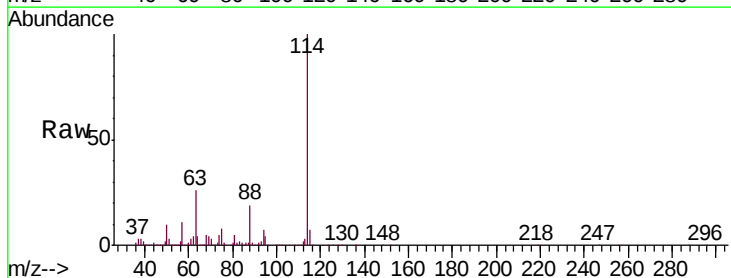
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

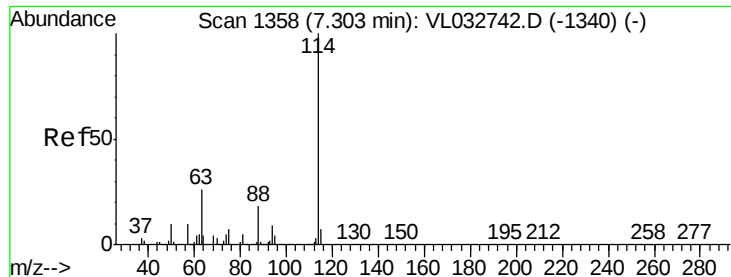
Tgt Ion: 84 Resp: 3439
Ion Ratio Lower Upper
84 100
49 172.6 115.8 173.6
51 74.8 36.9 55.3#
86 60.9 52.4 78.6



#30
Cyclohexane
Concen: 0.066 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. 0.03 min
Lab File: VL032809.D
Acq: 27 Nov 2018 16:13

Tgt Ion: 84 Resp: 7080
Ion Ratio Lower Upper
84 100
56 0.0 105.0 157.4#
41 0.0 65.3 97.9#

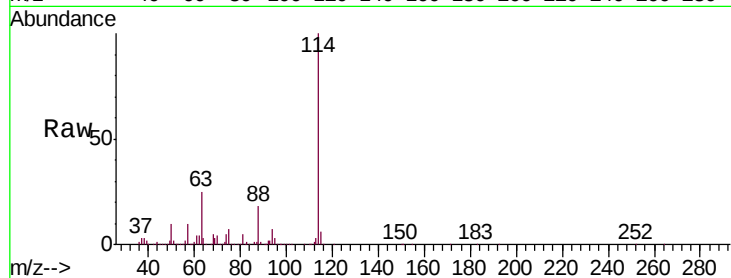




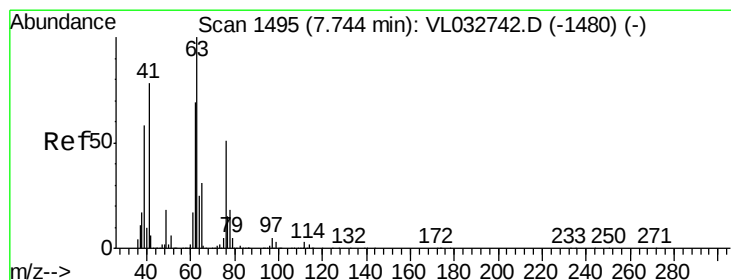
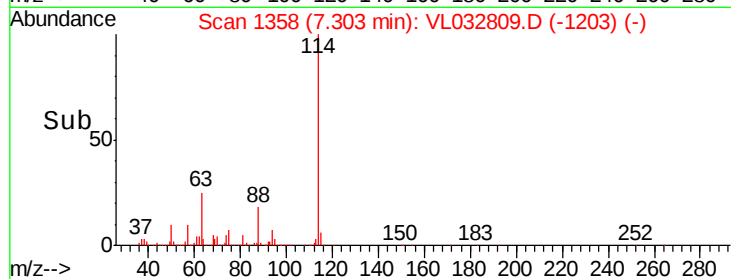
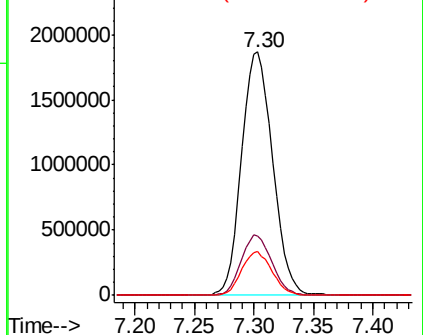
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL032809.D
 Acq: 27 Nov 2018 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABL01

Tgt Ion: 114 Resp: 3390187
 Ion Ratio Lower Upper
 114 100
 63 24.5 20.9 31.3
 88 17.6 14.4 21.6

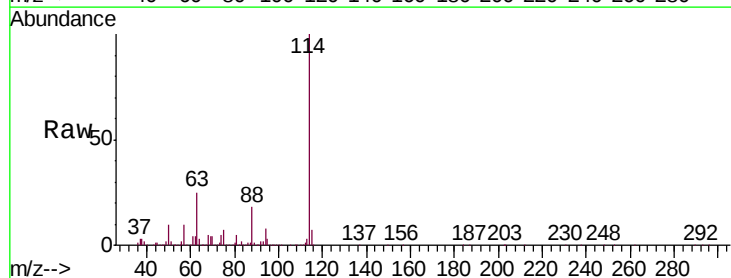


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

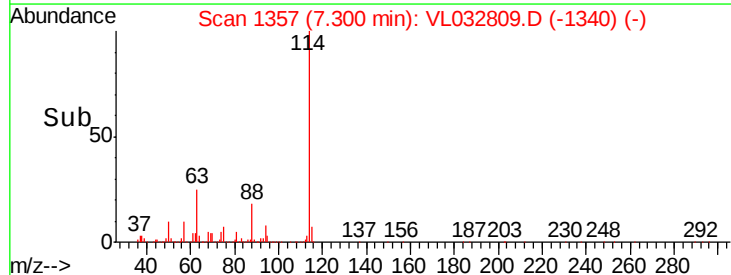
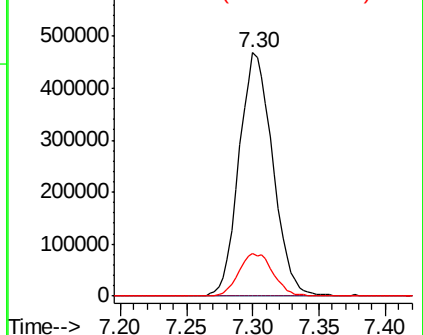


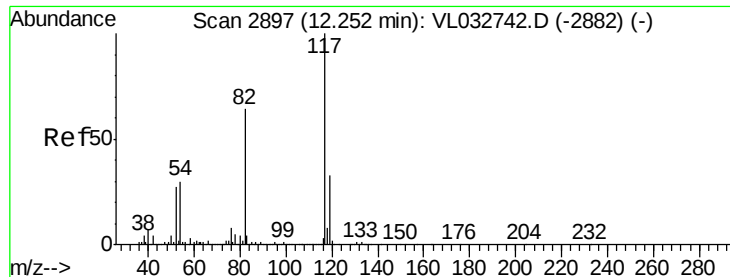
#39
 1,2-Dichloropropane
 Concen: 8.047 ppbv
 RT: 7.30 min Scan# 1357
 Delta R.T. -0.44 min
 Lab File: VL032809.D
 Acq: 27 Nov 2018 16:13

Tgt Ion: 63 Resp: 827717
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 17.3 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

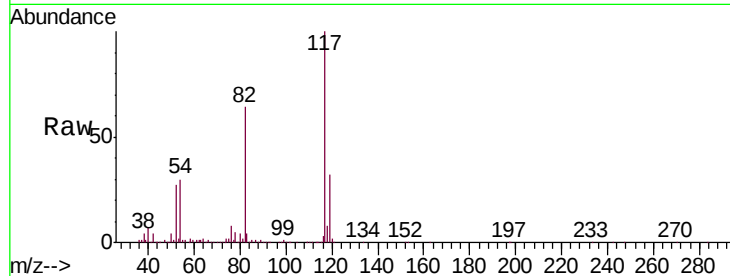




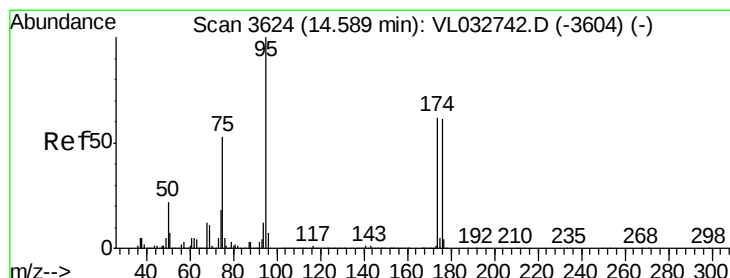
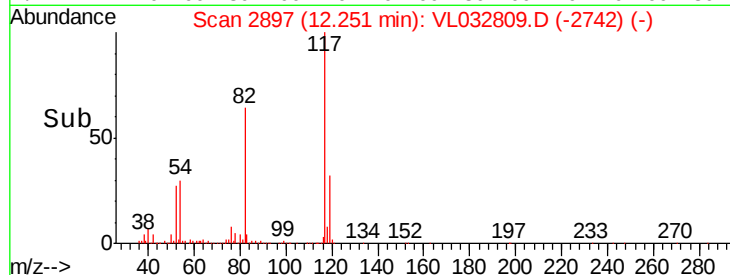
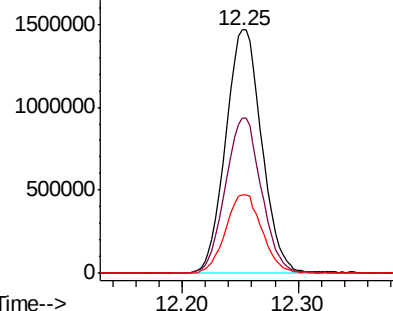
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VL032809.D
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Tgt Ion: 117 Resp: 3177143
Ion Ratio Lower Upper
117 100
82 63.7 51.0 76.6
119 32.8 28.0 42.0

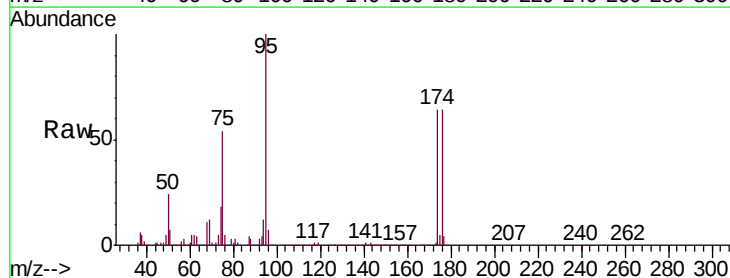


Abundance Ion 117.10 (116.80 to 117.80): V
2000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.654 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032809.D
Acq: 27 Nov 2018 16:13

Tgt Ion: 95 Resp: 2294173
Ion Ratio Lower Upper
95 100
174 66.3 50.7 76.1
175 5.0 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
1000000
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

