

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026200.D
 Acq On : 10 Oct 2015 6:54
 Operator : SY/MD
 Sample : G3925-02DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

Manual Integrations
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Quant Time: Oct 12 04:01:26 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 0
 QLast Update : Fri Oct 09 16:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.64	49	513607	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.31	114	1648875	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.73	117	1905225	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.27	95	1495362	10.22	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.56	51	45655m	0.76	ppbv	
9) Propene	3.60	41	3101	0.11	ppbv #	67
13) Ethanol	4.36	45	1149	0.28	ppbv #	31
15) Acetone	4.62	43	45969	0.69	ppbv #	69
81) 1,2,4-Trichlorobenzene	23.21	180	2589	0.03	ppbv #	12

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

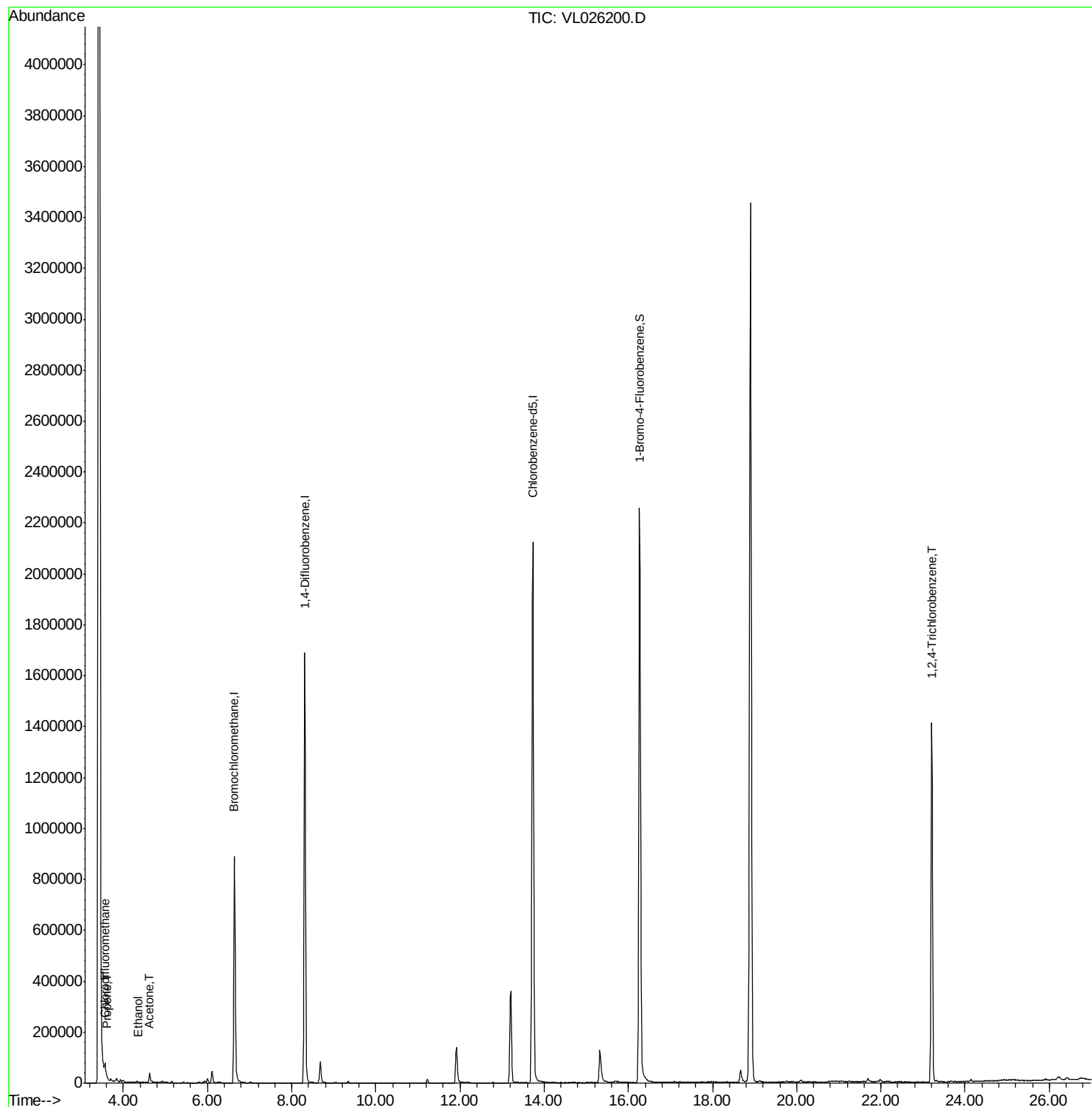
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
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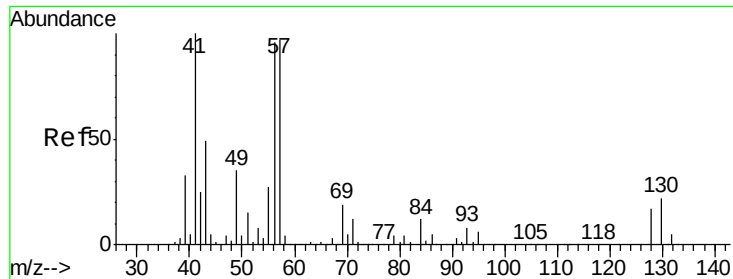
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

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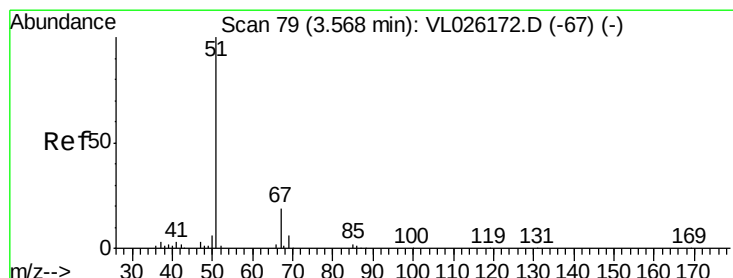
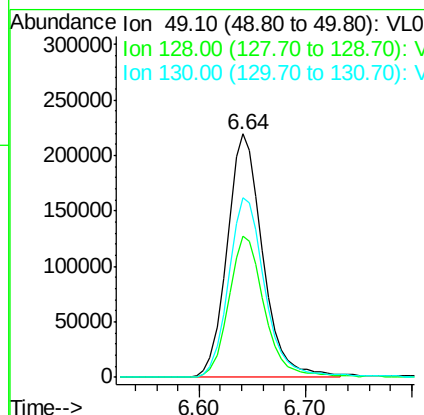
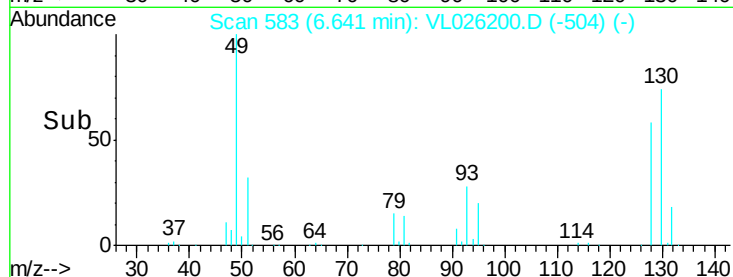
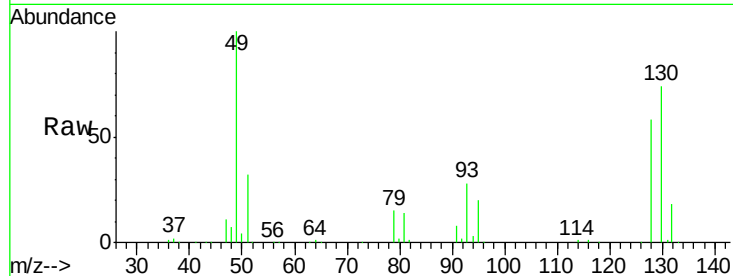
#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.64 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: VL026200.D
 Acq: 10 Oct 2015 6:54

Instrument :
 MSVOA_L
 ClientSampled :
 SG-2DL2

Tot Ion	Ion	Ratio	Lower	Upper
49	100			
128	59.0	26.3	78.8	
130	76.9	34.2	102.5	

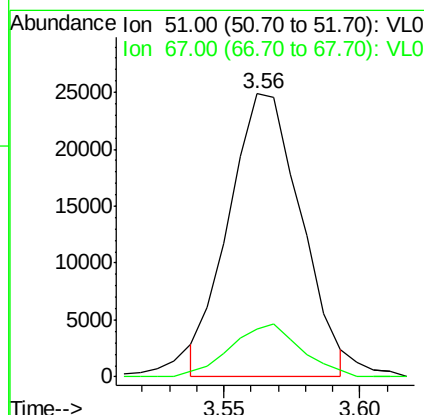
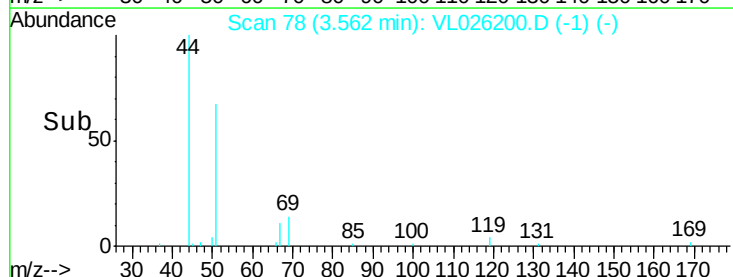
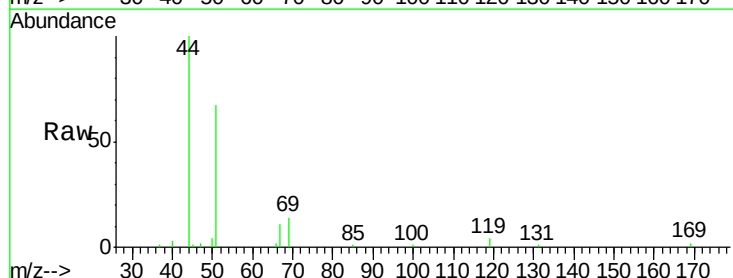
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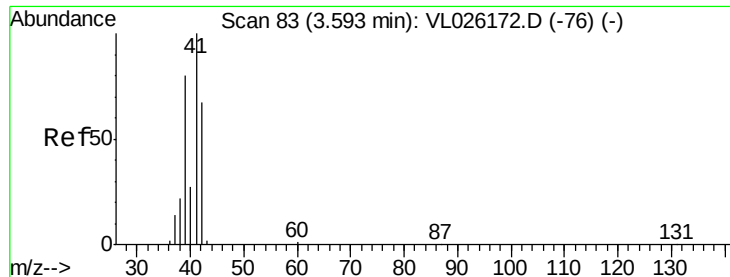
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#3
 Chlorodifluoromethane
 Concen: 0.76 ppbv m
 RT: 3.56 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: VL026200.D
 Acq: 10 Oct 2015 6:54

Tgt Ion	Ion	Ratio	Lower	Upper
51	100			
67	18.3	14.9	22.3	





#9

Propene

Concen: 0.11 ppbv

RT: 3.60 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL026200.D

Acq: 10 Oct 2015 6:54

Instrument :

MSVOA_L

ClientSampleId :

SG-2DL2

Tot Ion: 41 Resp: 3101

Ion Ratio Lower Upper

41 100

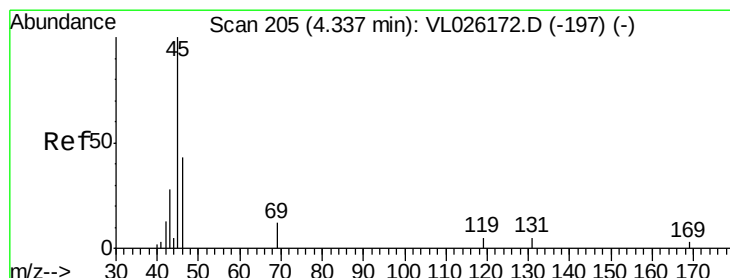
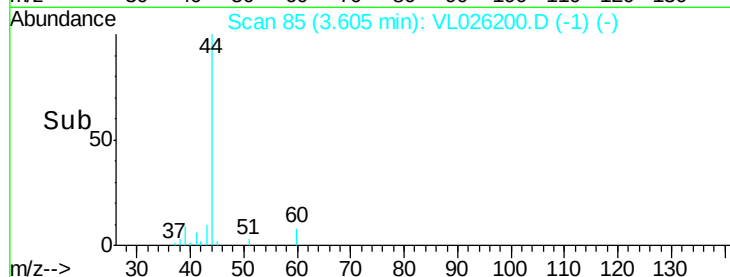
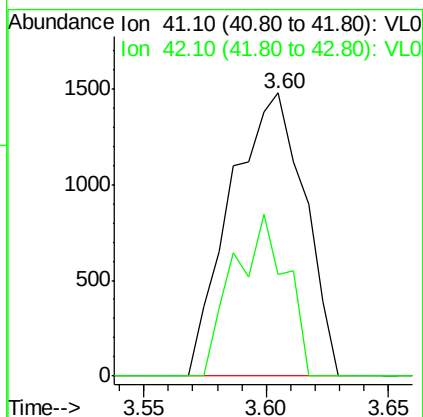
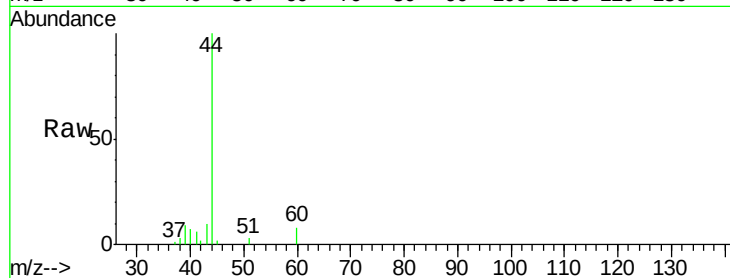
42 40.7 53.6 80.4#

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#13

Ethanol

Concen: 0.28 ppbv

RT: 4.36 min Scan# 209

Delta R.T. 0.02 min

Lab File: VL026200.D

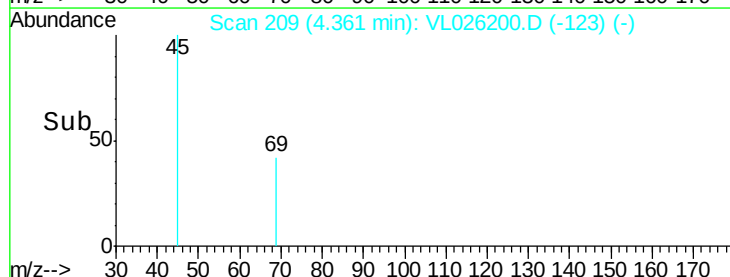
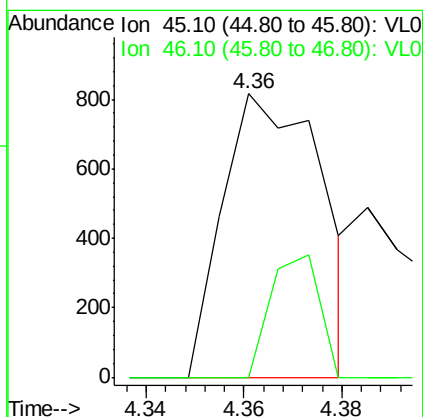
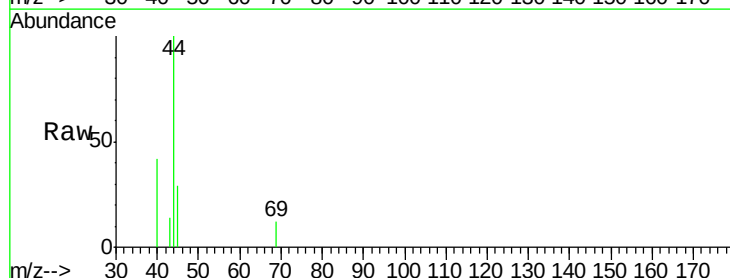
Acq: 10 Oct 2015 6:54

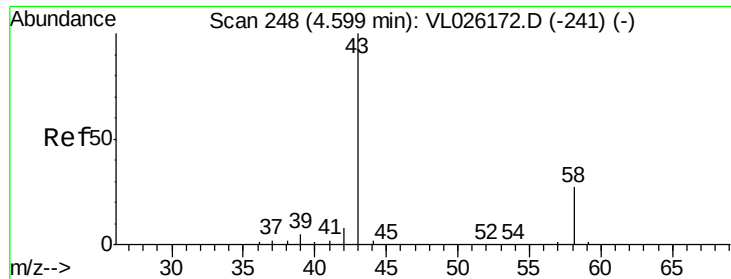
Tgt Ion: 45 Resp: 1149

Ion Ratio Lower Upper

45 100

46 0.0 18.1 72.5#





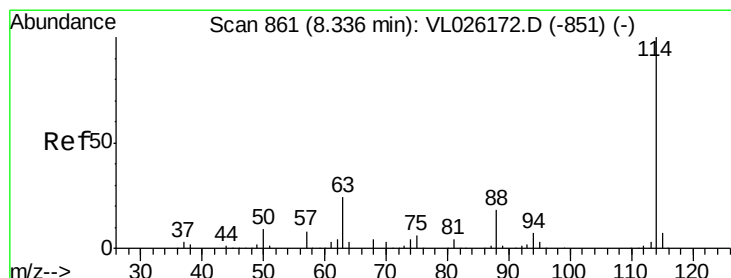
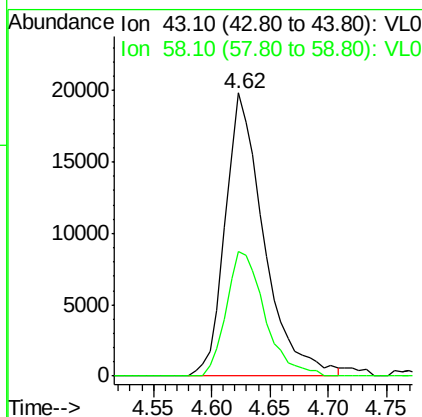
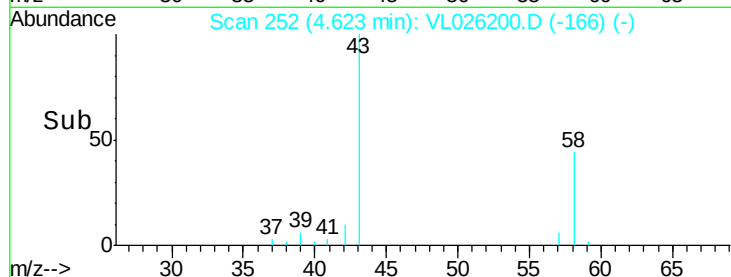
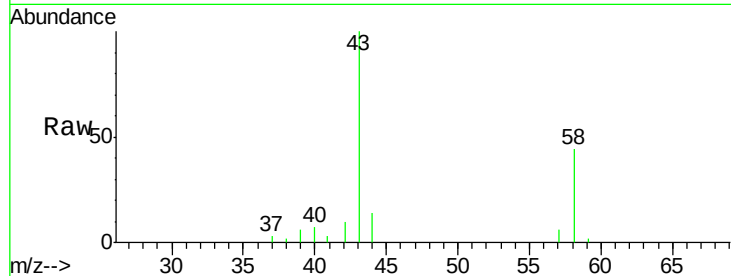
#15
Acetone
Concen: 0.69 ppbv
RT: 4.62 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL026200.D
Acq: 10 Oct 2015 6:54

Instrument :
MSVOA_L
ClientSampled :
SG-2DL2

Tot Ion: 43 Resp: 45969
Ion Ratio Lower Upper
43 100
58 43.5 22.0 33.0#

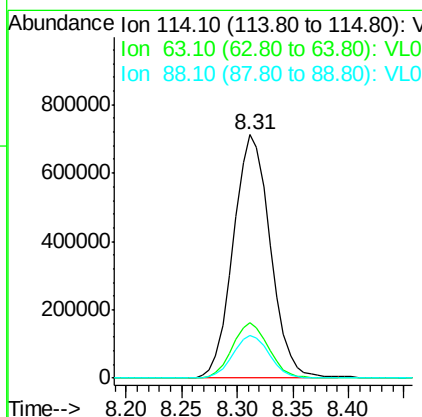
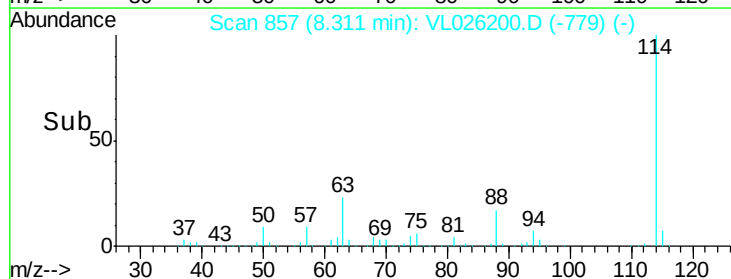
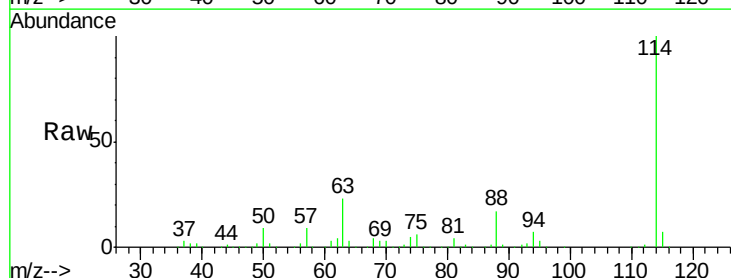
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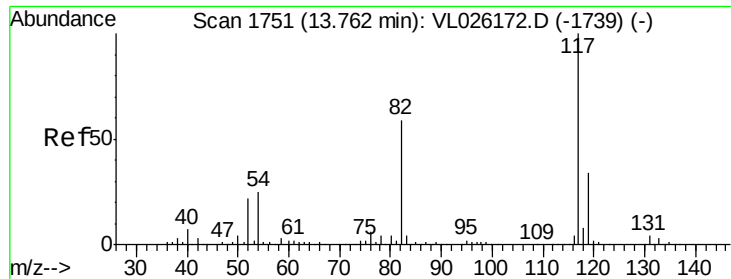
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.31 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL026200.D
Acq: 10 Oct 2015 6:54

Tgt Ion: 114 Resp: 1648875
Ion Ratio Lower Upper
114 100
63 22.3 19.0 28.6
88 17.4 13.8 20.8





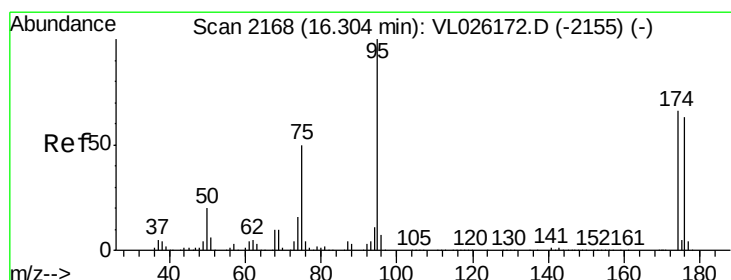
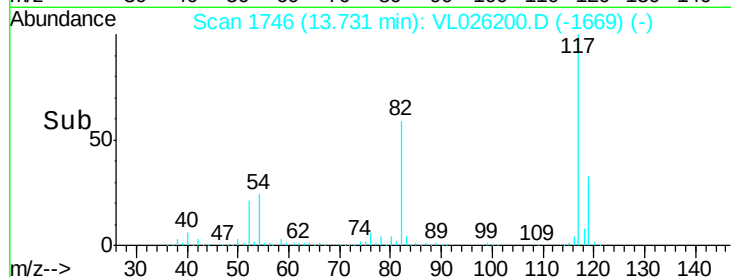
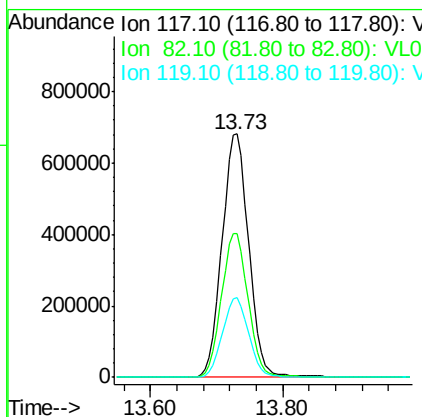
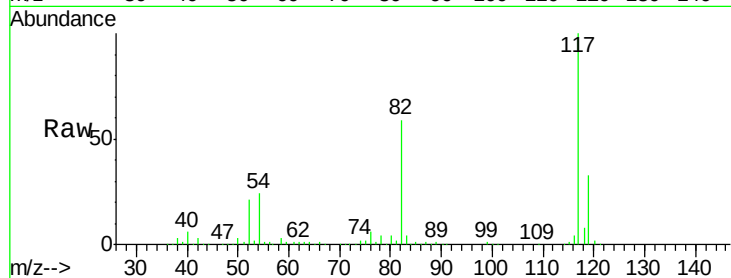
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.73 min Scan# 1746
Delta R.T. -0.03 min
Lab File: VL026200.D
Acq: 10 Oct 2015 6:54

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tot Ion:117 Resp: 1905225
Ion Ratio Lower Upper
117 100
82 0.0 47.7 71.5#
119 32.5 43.7 65.5#

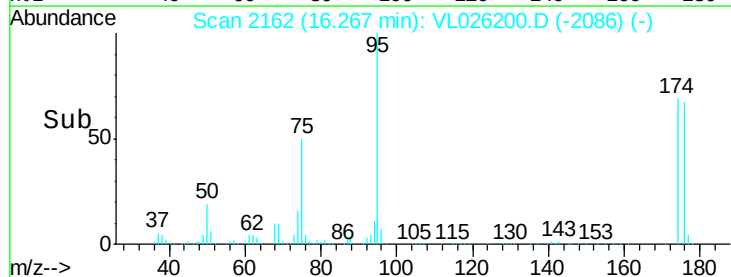
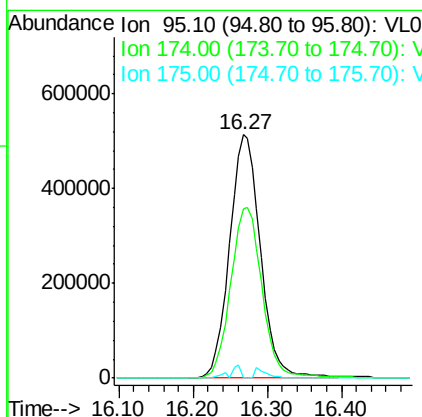
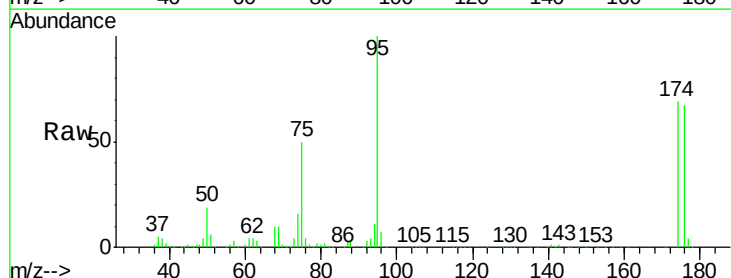
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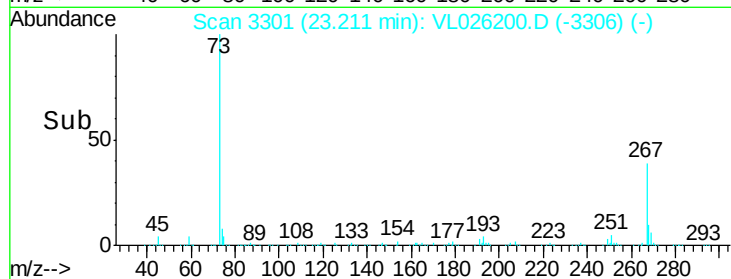
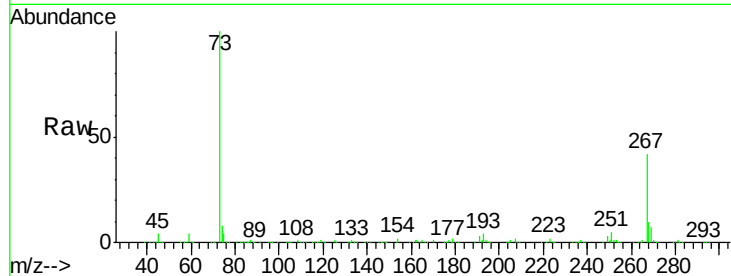
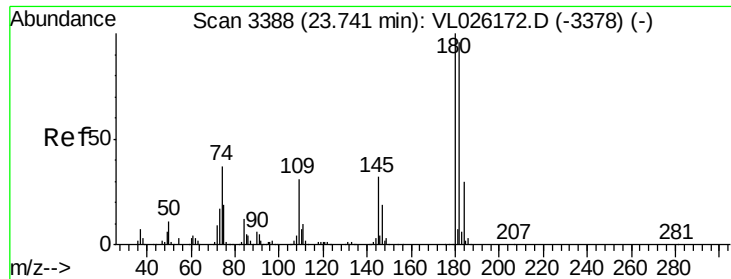
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.22 ppbv
RT: 16.27 min Scan# 2162
Delta R.T. -0.04 min
Lab File: VL026200.D
Acq: 10 Oct 2015 6:54

Tgt Ion: 95 Resp: 1495362
Ion Ratio Lower Upper
95 100
174 71.7 52.2 78.4
175 3.3 3.9 5.9#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.03 ppbv
 RT: 23.21 min Scan# 3301
 Delta R.T. -0.53 min
 Lab File: VL026200.D
 Acq: 10 Oct 2015 6:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL2

Tot Ion	Ratio	Resp	Lower	Upper
180	100	2589		
182	0.0	76.4	114.6#	
184	0.0	24.0	36.0#	

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