

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026677.D
 Acq On : 12 Jan 2016 16:35
 Operator : SY/AP
 Sample : H1075-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5DL

Quant Time: Jan 13 07:42:57 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 11 17:14:02 2016
 QLast Update : Mon Jan 11 17:14:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.68	49	684507	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	8.36	114	2109949	10.00	ppbv	0.05
55) Chlorobenzene-d5	13.78	117	2842036	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.32	95	2367300	10.45	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

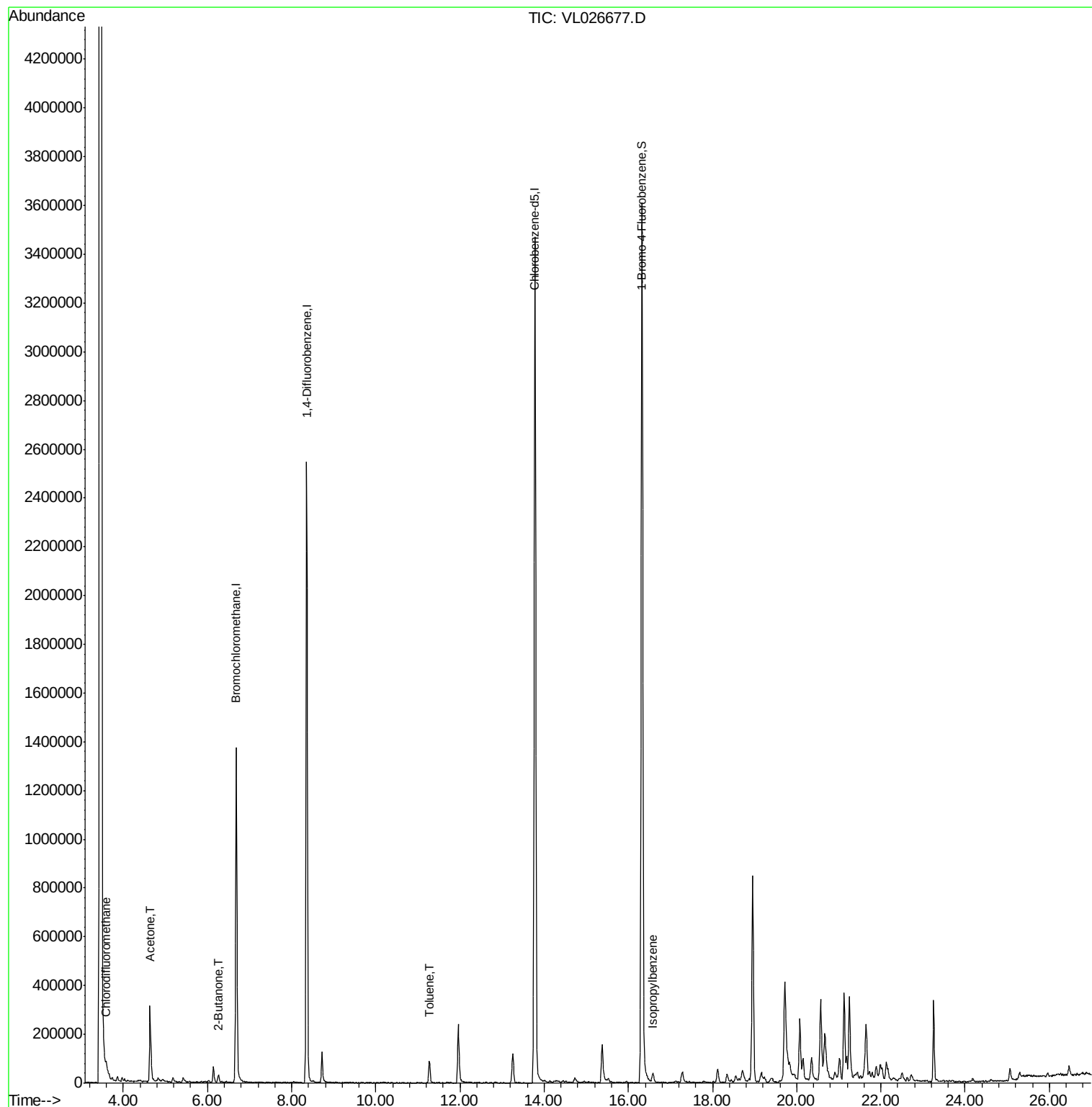
Target Compounds						Ovalue
3) Chlorodifluoromethane	3.60	51	28203	0.31	ppbv	100
15) Acetone	4.64	43	466618	4.14	ppbv	98
34) 2-Butanone	6.26	43	43668	0.39	ppbv	95
53) Toluene	11.27	91	87746	0.29	ppbv	97
62) Isopropylbenzene	16.58	105	36369	0.06	ppbv	97

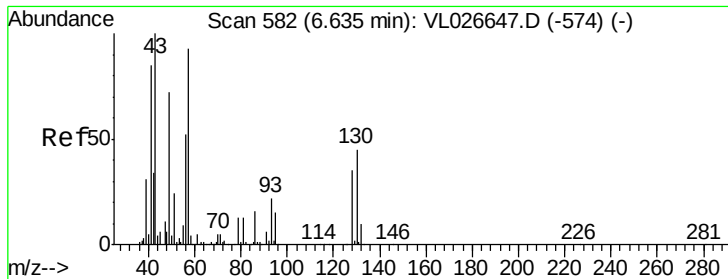
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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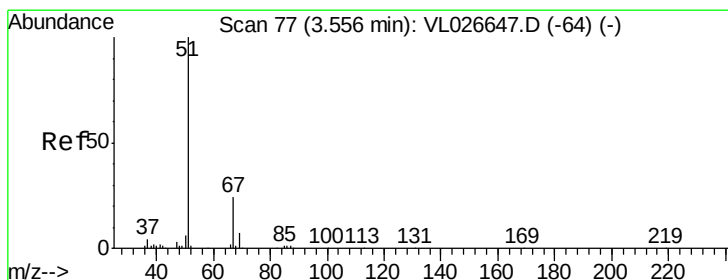
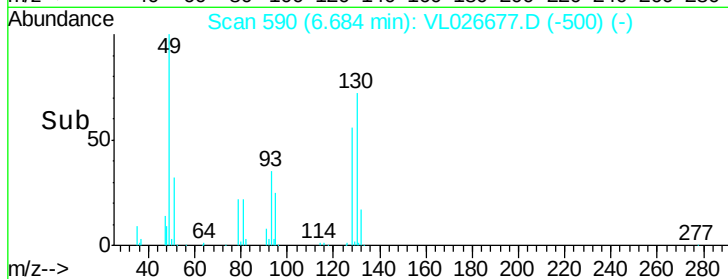
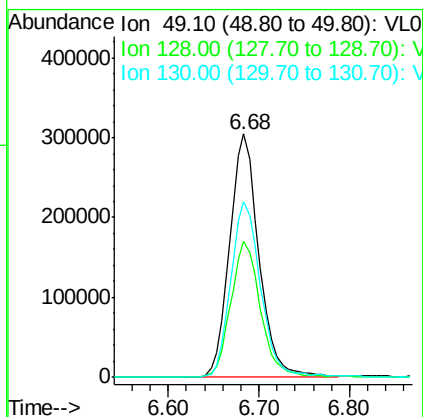
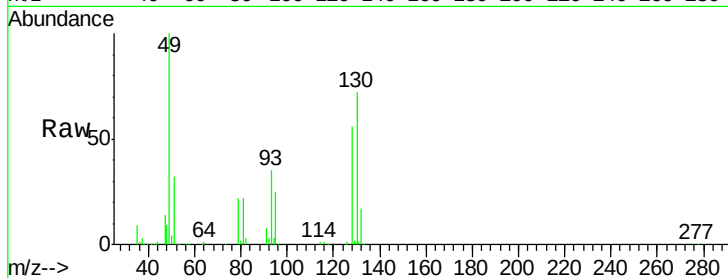




#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.68 min Scan# 590
 Delta R.T. 0.05 min
 Lab File: VL026677.D
 Acq: 12 Jan 2016 16:35

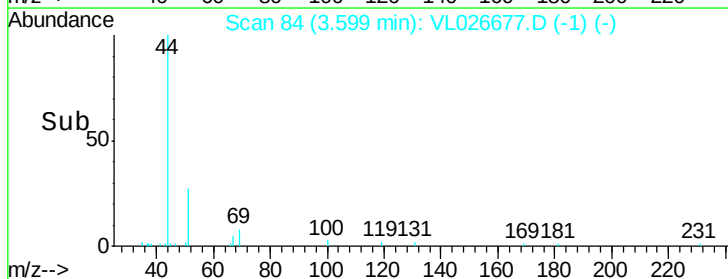
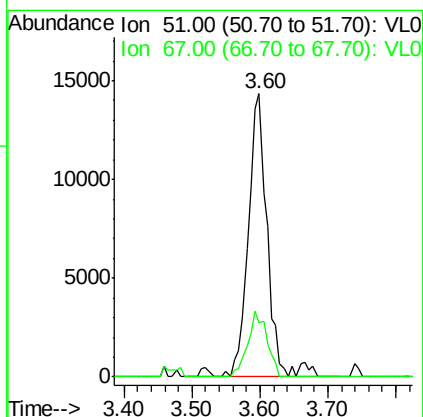
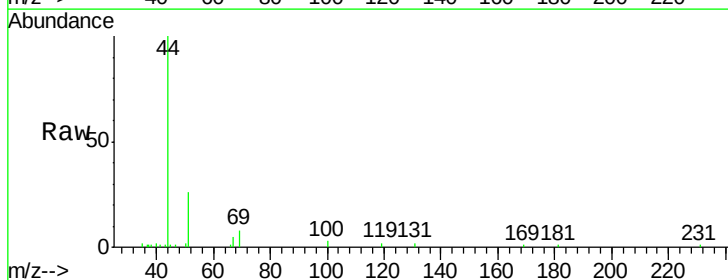
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-5DL

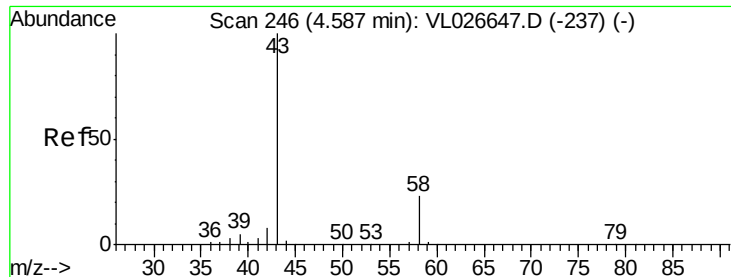
Tot Ion: 49 Resp: 684507
 Ion Ratio Lower Upper
 49 100
 128 57.3 25.9 77.7
 130 74.5 33.6 100.8



#3
 Chlorodifluoromethane
 Concen: 0.31 ppbv
 RT: 3.60 min Scan# 84
 Delta R.T. 0.04 min
 Lab File: VL026677.D
 Acq: 12 Jan 2016 16:35

Tgt Ion: 51 Resp: 28203
 Ion Ratio Lower Upper
 51 100
 67 23.1 18.6 28.0





#15

Acetone

Concen: 4.14 ppbv

RT: 4.64 min Scan# 254

Delta R.T. 0.05 min

Lab File: VL026677.D

Acq: 12 Jan 2016 16:35

Instrument :

MSVOA_L

ClientSampleId :

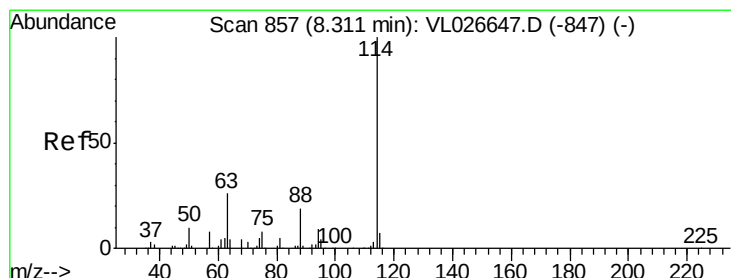
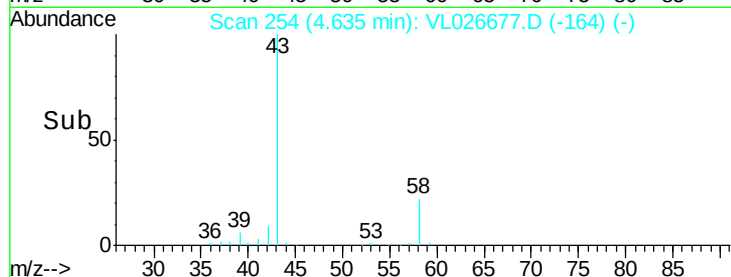
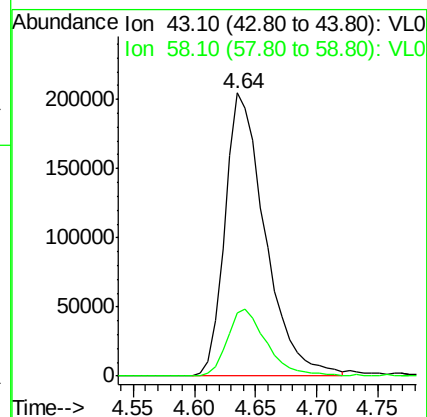
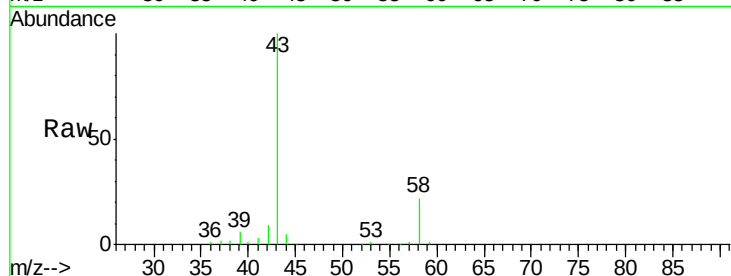
SS-5DL

Tot Ion: 43 Resp: 466618

Ion Ratio Lower Upper

43 100

58 23.2 19.2 28.8



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.36 min Scan# 865

Delta R.T. 0.05 min

Lab File: VL026677.D

Acq: 12 Jan 2016 16:35

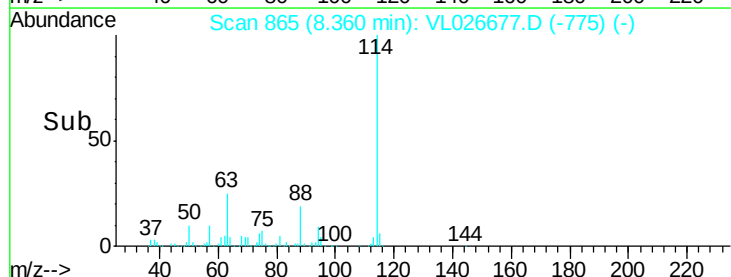
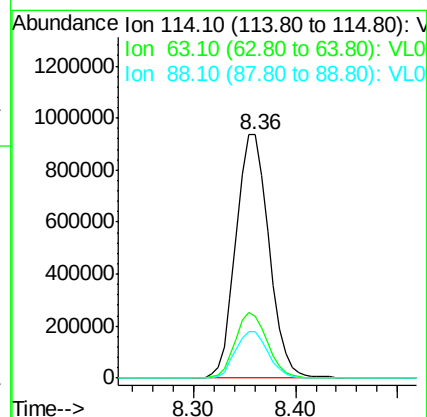
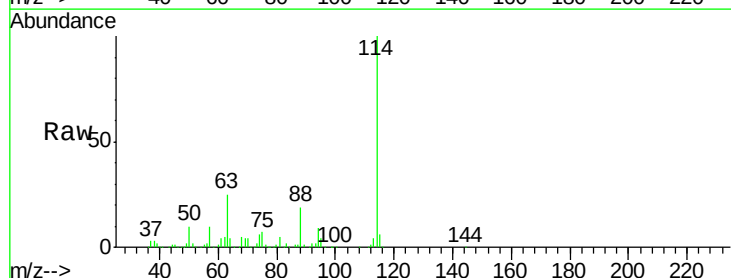
Tgt Ion: 114 Resp: 2109949

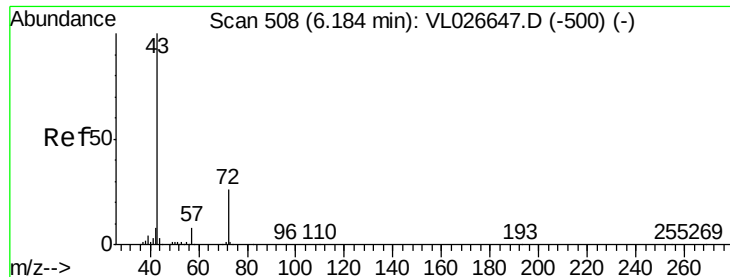
Ion Ratio Lower Upper

114 100

63 26.3 21.7 32.5

88 19.3 15.2 22.8

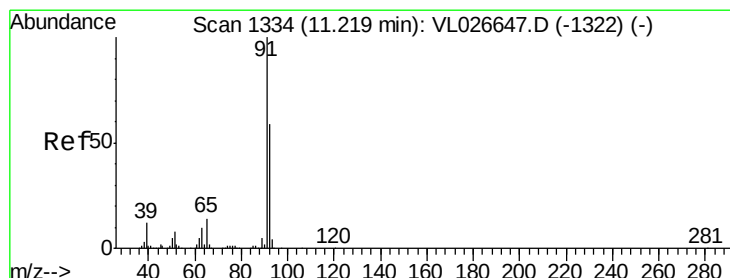
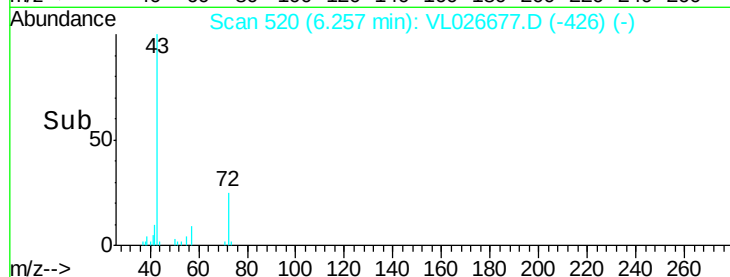
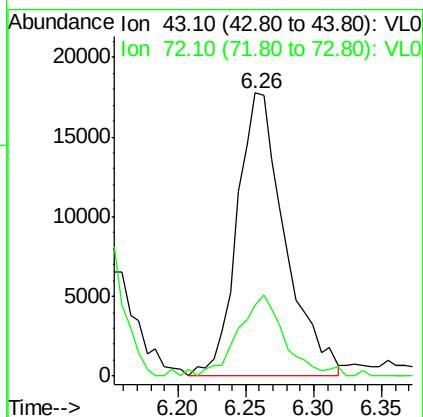
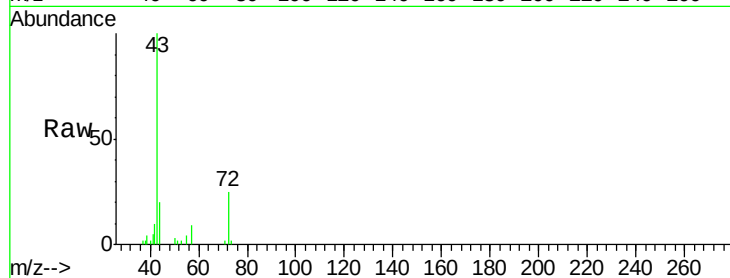




#34
2-Butanone
Concen: 0.39 ppbv
RT: 6.26 min Scan# 520
Delta R.T. 0.07 min
Lab File: VL026677.D
Acq: 12 Jan 2016 16:35

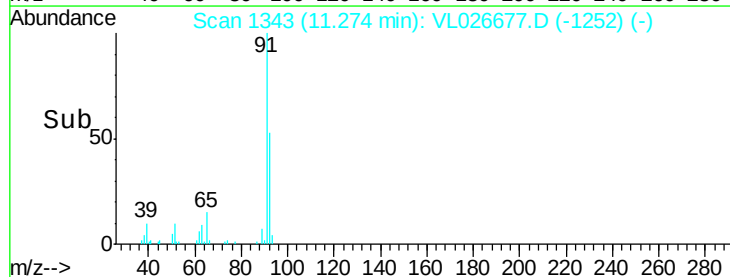
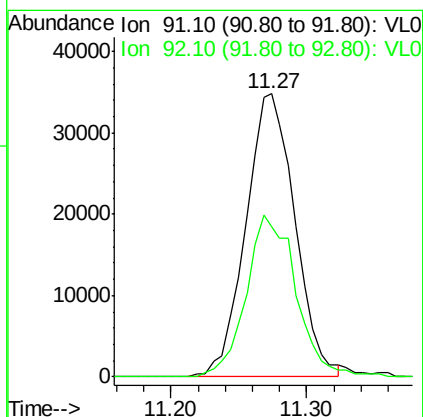
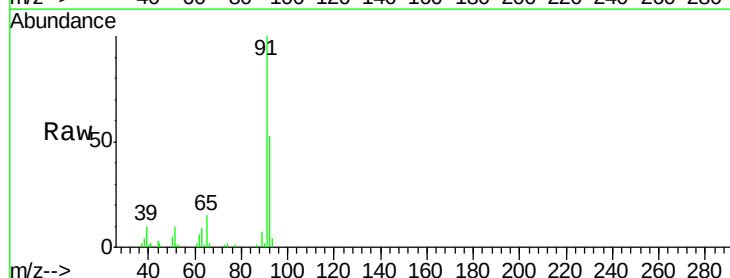
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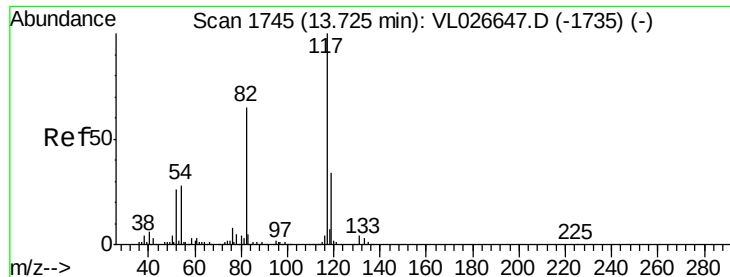
Tot Ion: 43 Resp: 43668
Ion Ratio Lower Upper
43 100
72 28.7 20.9 31.3



#53
Toluene
Concen: 0.29 ppbv
RT: 11.27 min Scan# 1343
Delta R.T. 0.05 min
Lab File: VL026677.D
Acq: 12 Jan 2016 16:35

Tgt Ion: 91 Resp: 87746
Ion Ratio Lower Upper
91 100
92 58.2 48.2 72.4

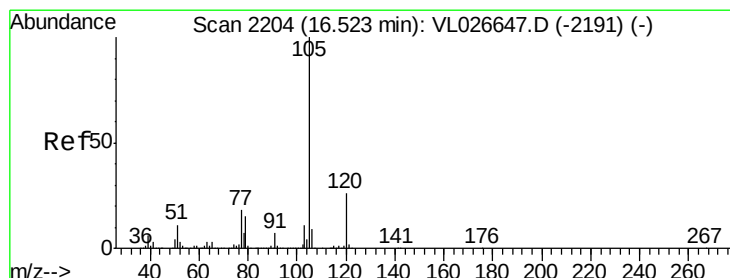
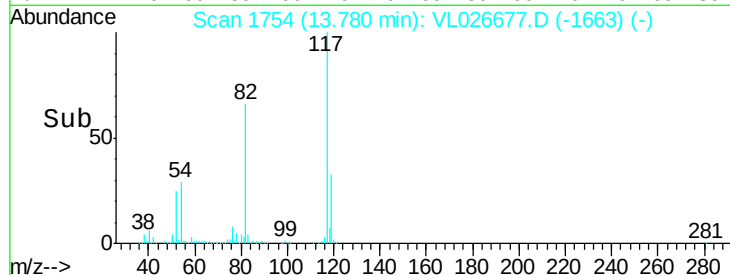
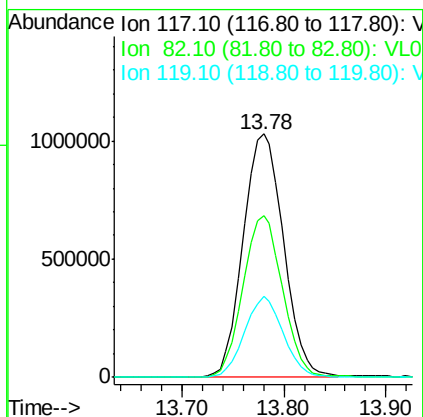
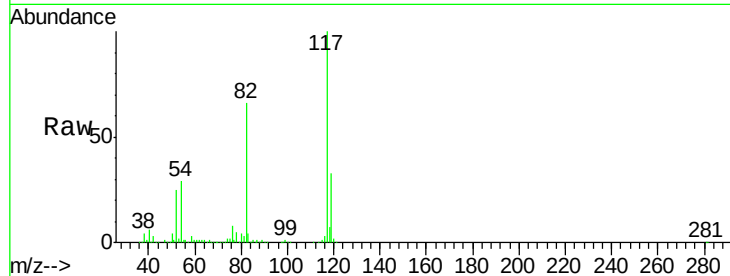




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.78 min Scan# 1754
Delta R.T. 0.05 min
Lab File: VL026677.D
Acq: 12 Jan 2016 16:35

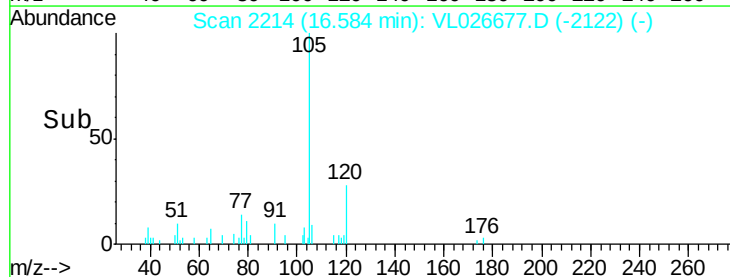
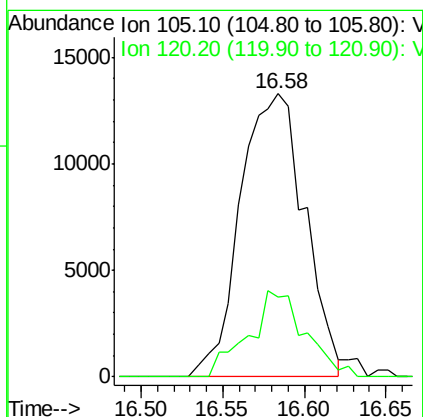
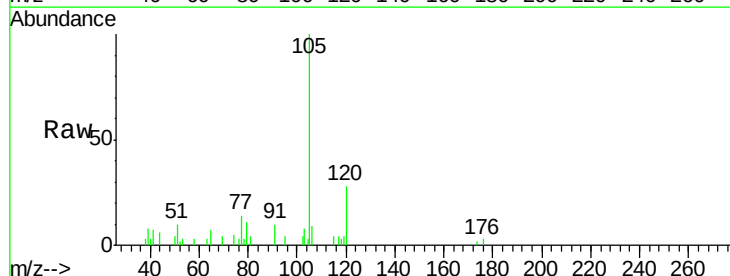
Instrument :
MSVOA_L
ClientSampleId :
SS-5DL

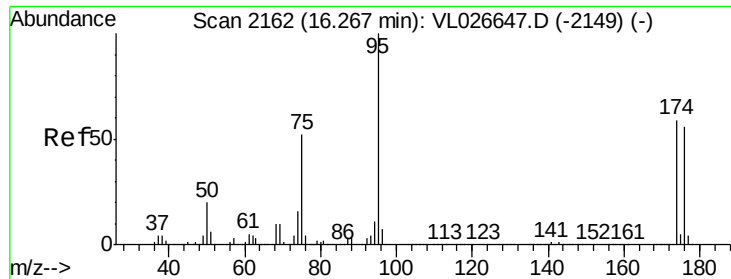
Tot Ion:117 Resp: 2842036
Ion Ratio Lower Upper
117 100
82 65.8 49.7 74.5
119 32.0 43.8 65.8#



#62
Isopropylbenzene
Concen: 0.06 ppbv
RT: 16.58 min Scan# 2214
Delta R.T. 0.06 min
Lab File: VL026677.D
Acq: 12 Jan 2016 16:35

Tgt Ion:105 Resp: 36369
Ion Ratio Lower Upper
105 100
120 26.7 20.3 30.5





#68

1-Bromo-4-Fluorobenzene

Concen: 10.45 ppbv

RT: 16.32 min Scan# 2171

Delta R.T. 0.05 min

Lab File: VL026677.D

Acq: 12 Jan 2016 16:35

Instrument :

MSVOA_L

ClientSampleId :

SS-5DL

Tot Ion: 95 Resp: 2367300

Ion Ratio Lower Upper

95 100

174 61.5 47.8 71.8

175 4.4 3.6 5.4

