

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026675.D
 Acq On : 12 Jan 2016 15:20
 Operator : SY/AP
 Sample : H1064-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
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Quant Time: Jan 13 05:55:29 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 13 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	826460	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	8.35	114	2402007	10.00	ppbv	0.04
55) Chlorobenzene-d5	13.78	117	3035199	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.32	95	2513586	10.39	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.59	51	37715m	0.34	ppbv	
15) Acetone	4.67	43	46483	0.34	ppbv #	58

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

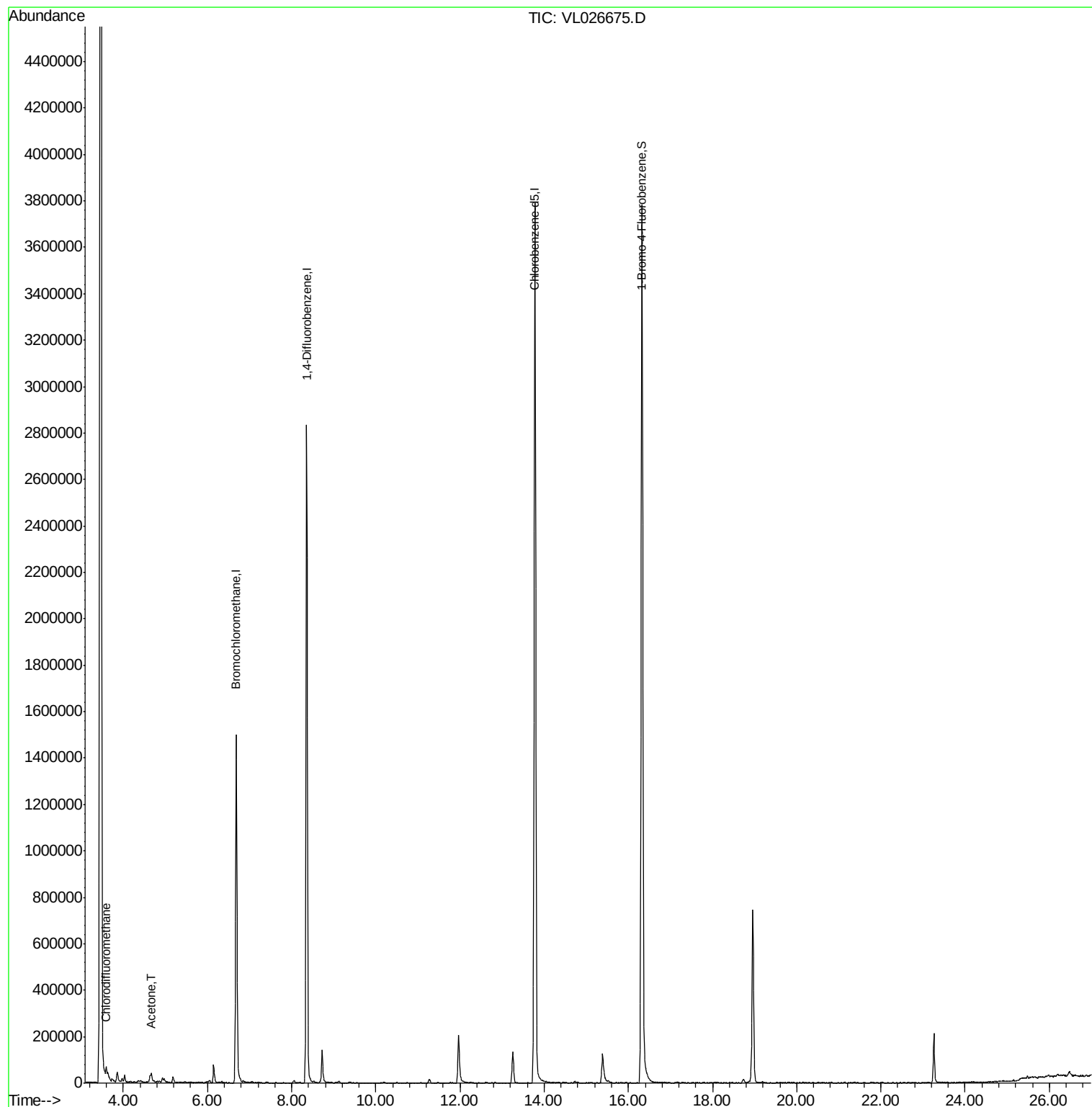
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
Data File : VL026675.D
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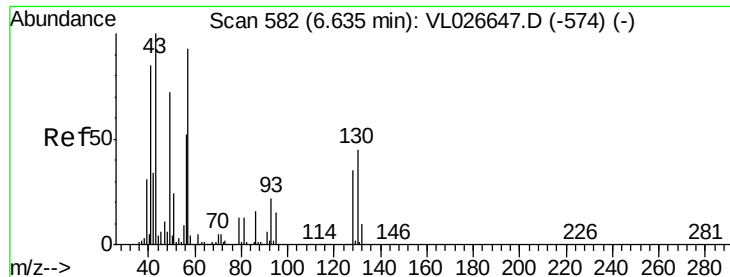
Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

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Quant Time: Jan 13 05:55:29 2016
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.68 min Scan# 590

Delta R.T. 0.05 min

Lab File: VL026675.D

Acq: 12 Jan 2016 15:20

Instrument :

MSVOA_L

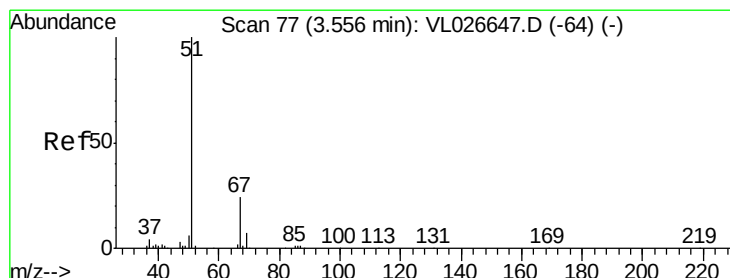
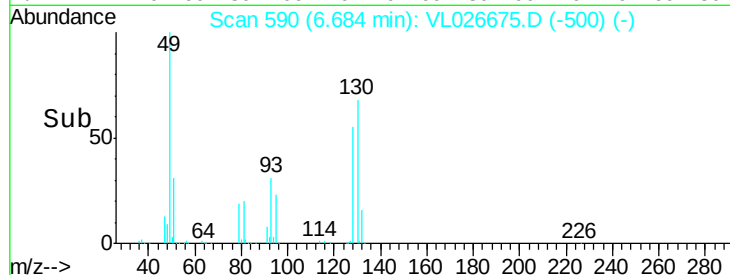
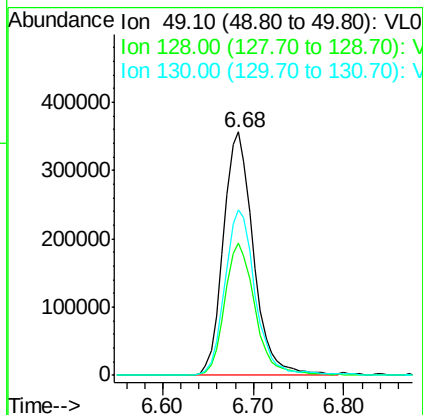
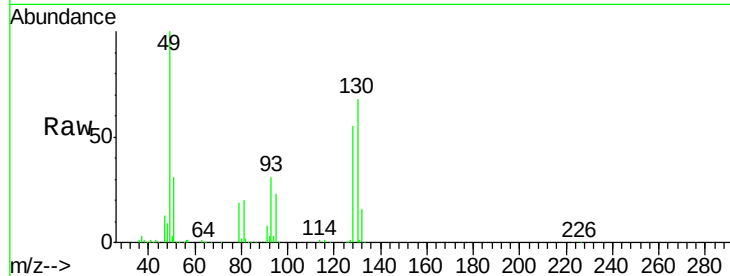
ClientSampleId :

QA-1DL

Tot Ion: 49 Resp: 826460
 Ion Ratio Lower Upper
 49 100
 128 54.9 25.9 77.7
 130 69.9 33.6 100.8

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#3

Chlorodifluoromethane

Concen: 0.34 ppbv m

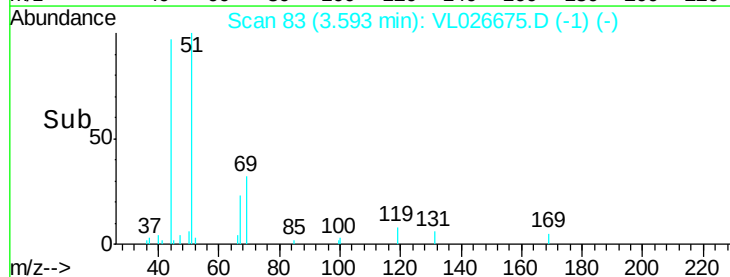
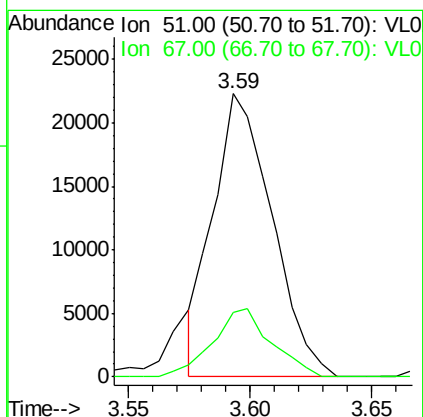
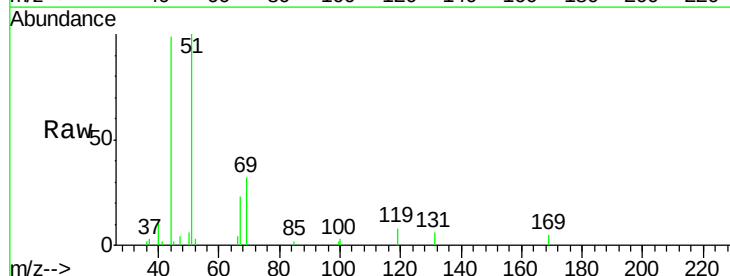
RT: 3.59 min Scan# 83

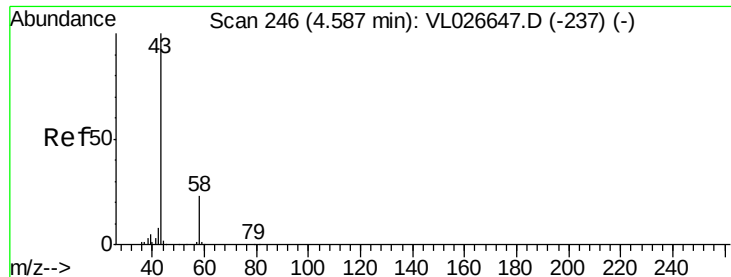
Delta R.T. 0.04 min

Lab File: VL026675.D

Acq: 12 Jan 2016 15:20

Tgt Ion: 51 Resp: 37715
 Ion Ratio Lower Upper
 51 100
 67 24.0 18.6 28.0





#15

Acetone

Concen: 0.34 ppbv

RT: 4.67 min Scan# 259

Delta R.T. 0.08 min

Lab File: VL026675.D

Acq: 12 Jan 2016 15:20

Instrument :

MSVOA_L

ClientSampleId :

QA-1DL

Tot Ion: 43 Resp: 46483

Ion Ratio Lower Upper

43 100

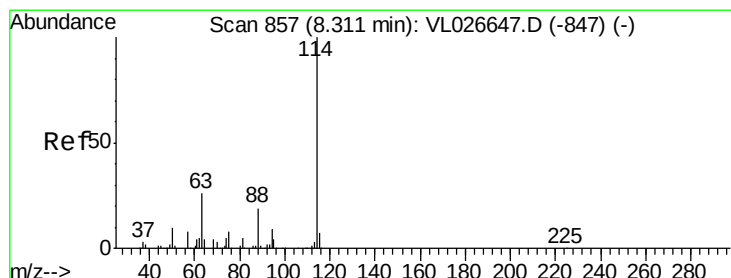
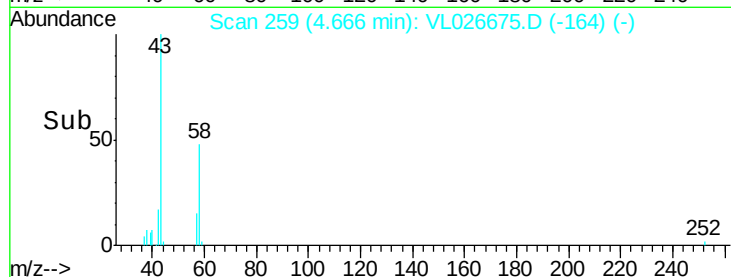
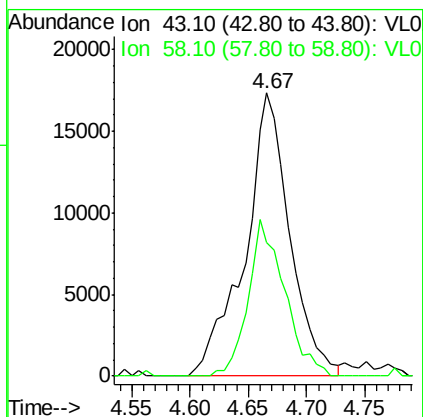
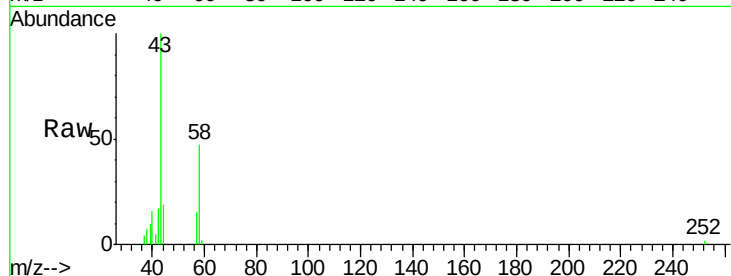
58 44.6 19.2 28.8#

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.35 min Scan# 864

Delta R.T. 0.04 min

Lab File: VL026675.D

Acq: 12 Jan 2016 15:20

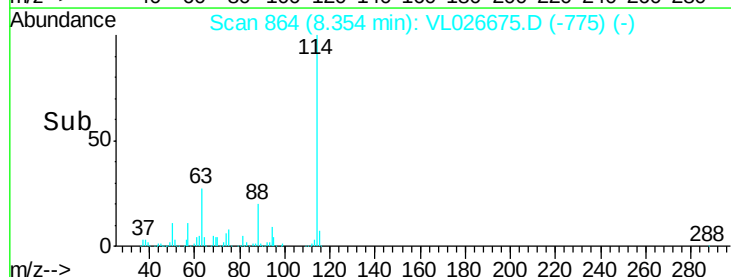
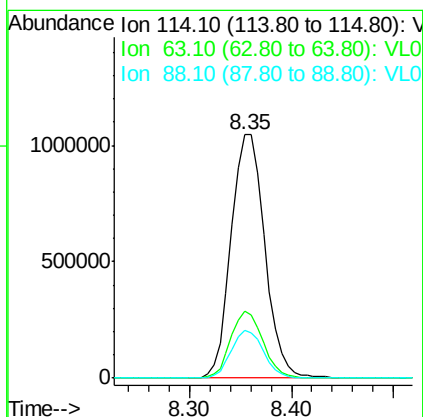
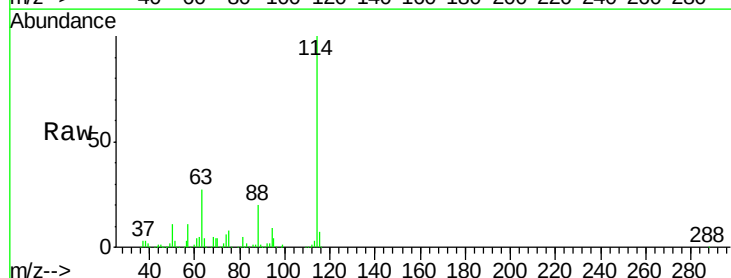
Tgt Ion: 114 Resp: 2402007

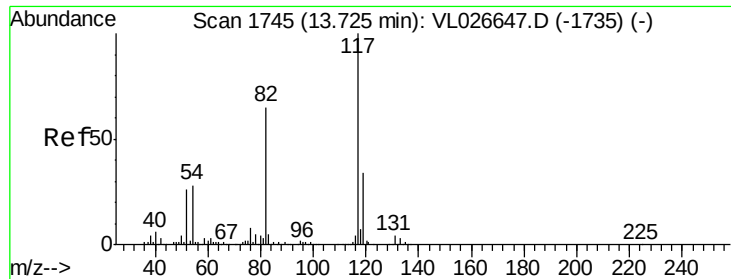
Ion Ratio Lower Upper

114 100

63 26.6 21.7 32.5

88 19.1 15.2 22.8





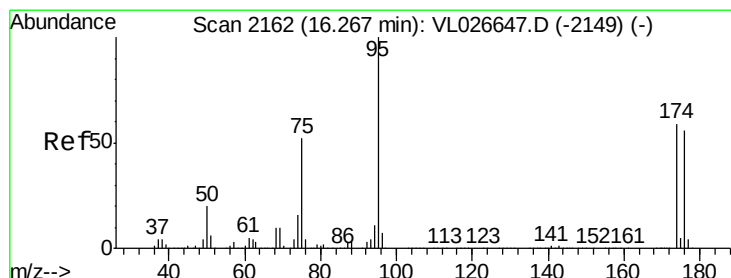
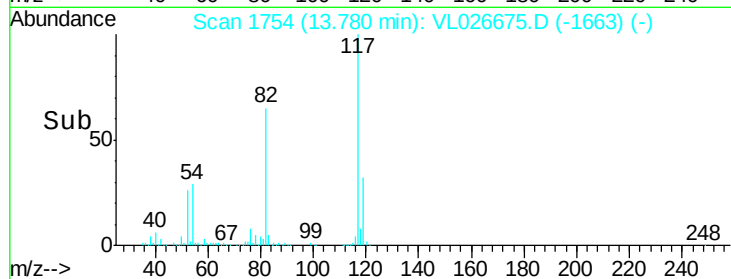
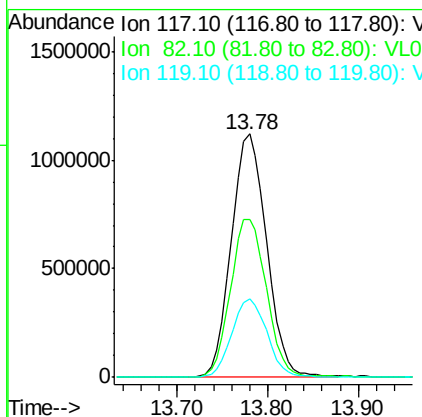
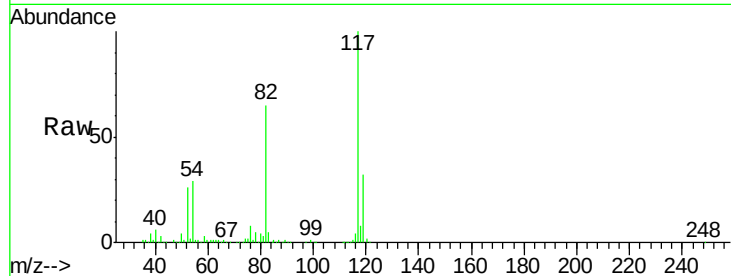
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.78 min Scan# 1754
Delta R.T. 0.05 min
Lab File: VL026675.D
Acq: 12 Jan 2016 15:20

Instrument :
MSVOA_L
ClientSampleId :
QA-1DL

Tot Ion:117 Resp: 3035199
Ion Ratio Lower Upper
117 100
82 67.3 49.7 74.5
119 32.6 43.8 65.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.39 ppbv
RT: 16.32 min Scan# 2171
Delta R.T. 0.05 min
Lab File: VL026675.D
Acq: 12 Jan 2016 15:20

Tgt Ion: 95 Resp: 2513586
Ion Ratio Lower Upper
95 100
174 59.7 47.8 71.8
175 4.4 3.6 5.4

