

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
 Data File : VL026835.D
 Acq On : 10 Feb 2016 1:28
 Operator : SY/AP
 Sample : CAN 10266
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10266

Quant Time: Feb 10 03:46:06 2016
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	1584052	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	4380584	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.79	117	3986178	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	2793597	9.76	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

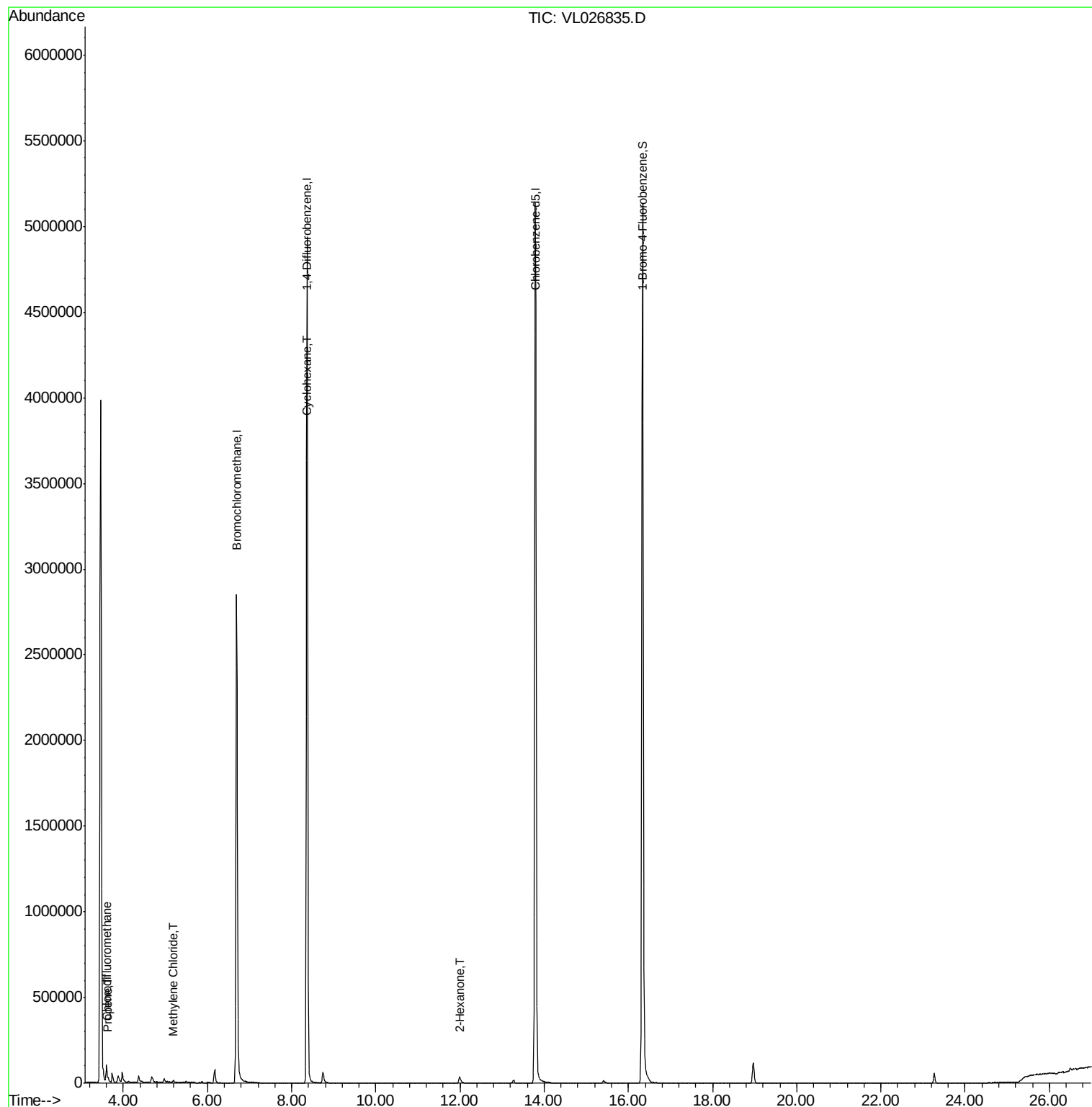
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.61	51	58275	0.23	ppbv	98
9) Propene	3.64	41	5099	0.07	ppbv	87
20) Methylene Chloride	5.20	84	7011	0.06	ppbv #	83
30) Cyclohexane	8.35	84	6166	0.04	ppbv #	1
51) 2-Hexanone	11.99	43	8798	0.04	ppbv #	49

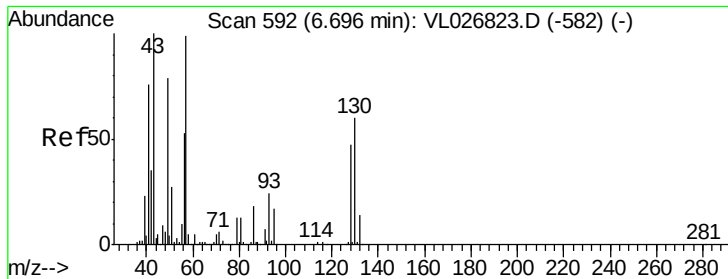
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026835.D
Acq On : 10 Feb 2016 1:28
Operator : SY/AP
Sample : CAN 10266
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10266

Quant Time: Feb 10 03:46:06 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.69 min Scan# 591

Delta R.T. -0.01 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

Instrument :

MSVOA_L

ClientSampleId :

CAN 10266

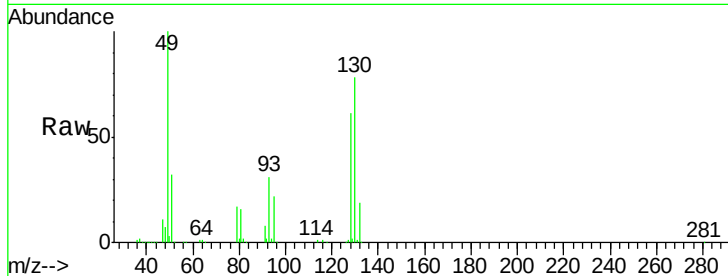
Tgt Ion: 49 Resp: 1584052

Ion Ratio Lower Upper

49 100

128 61.5 29.7 89.1

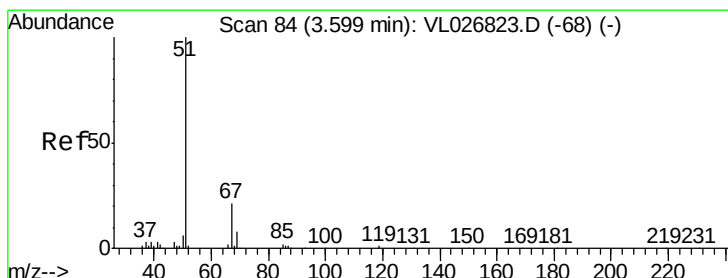
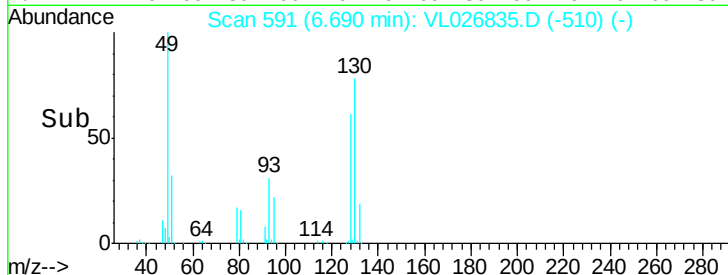
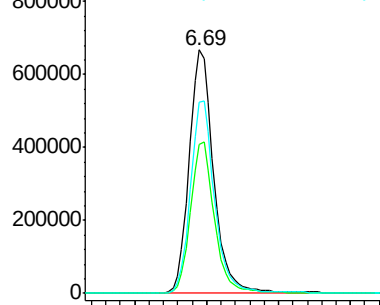
130 0.0 38.3 114.8#



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: 0.23 ppbv

RT: 3.61 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL026835.D

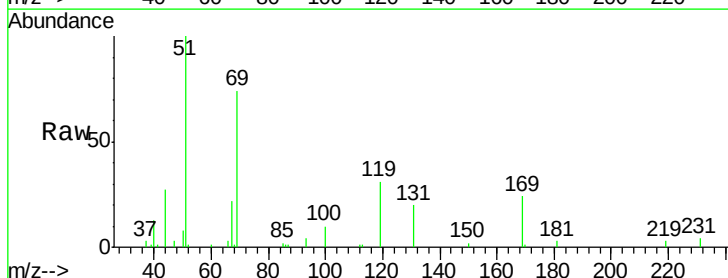
Acq: 10 Feb 2016 1:28

Tgt Ion: 51 Resp: 58275

Ion Ratio Lower Upper

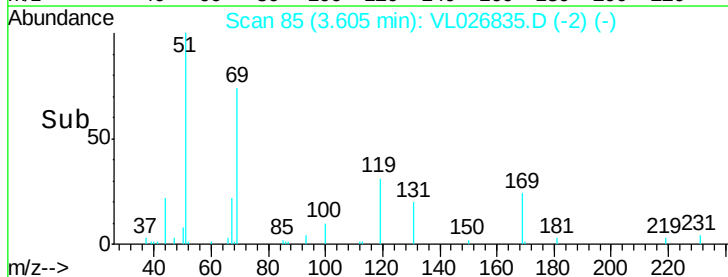
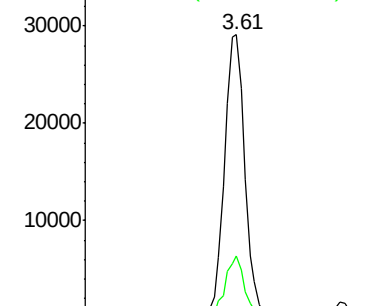
51 100

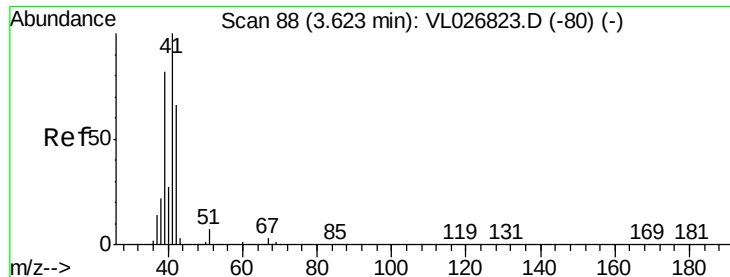
67 19.7 16.4 24.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.07 ppbv

RT: 3.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

Instrument :

MSVOA_L

ClientSampleId :

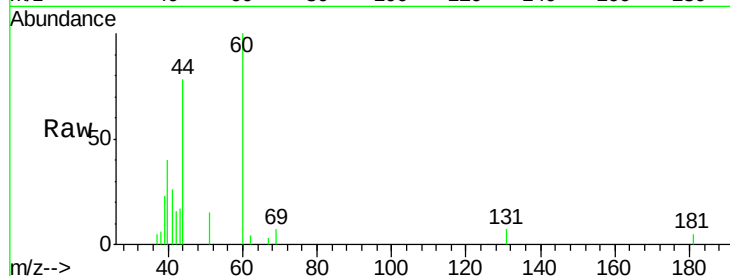
CAN 10266

Tgt Ion: 41 Resp: 5099

Ion Ratio Lower Upper

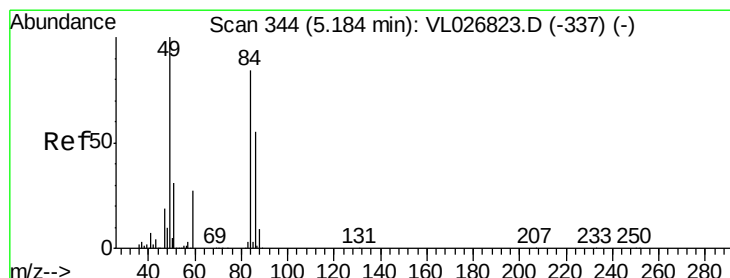
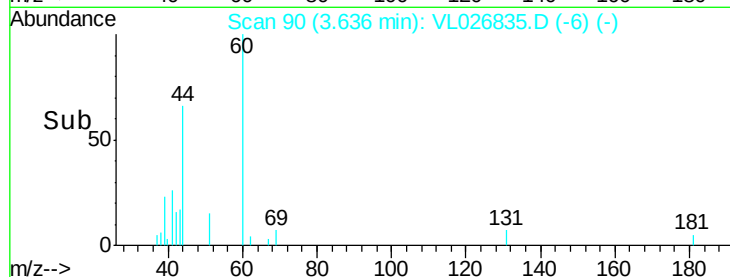
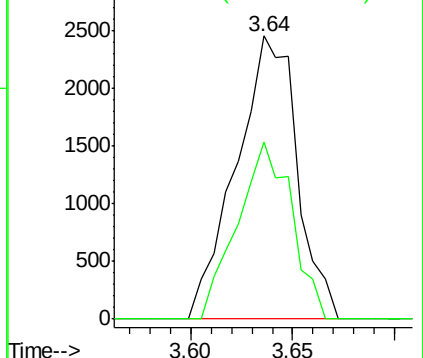
41 100

42 55.6 52.8 79.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#20

Methylene Chloride

Concen: 0.06 ppbv

RT: 5.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

Tgt Ion: 84 Resp: 7011

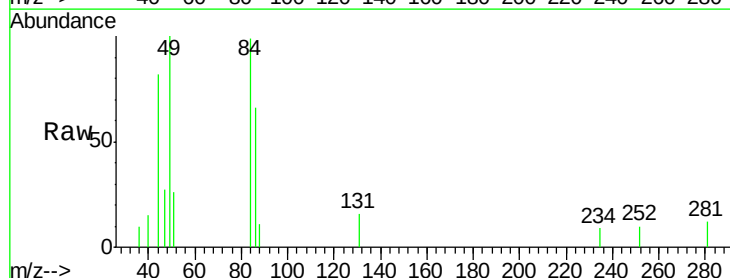
Ion Ratio Lower Upper

84 100

49 92.2 94.9 142.3#

51 25.9 29.5 44.3#

86 67.2 51.9 77.9

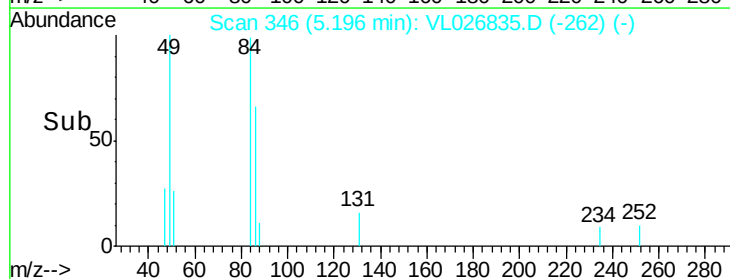
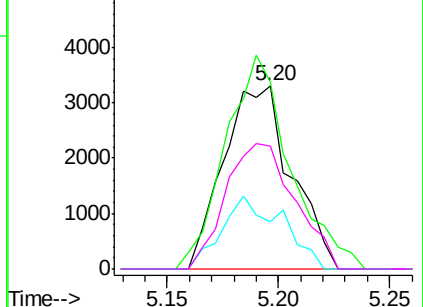


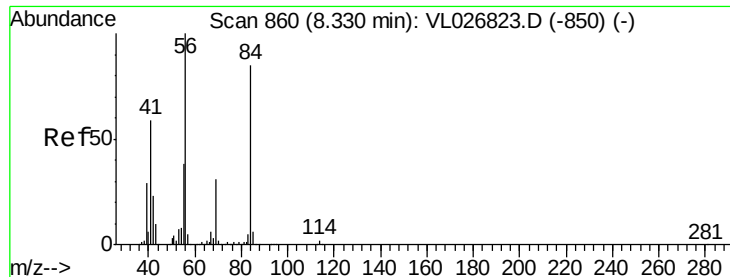
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

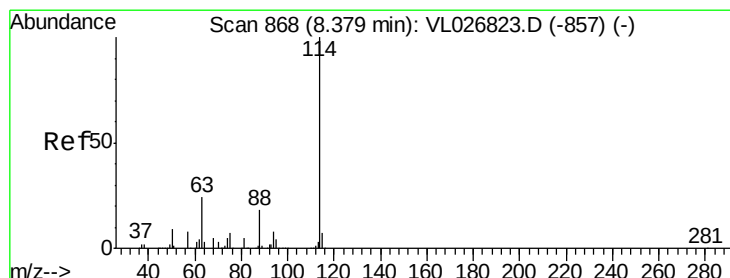
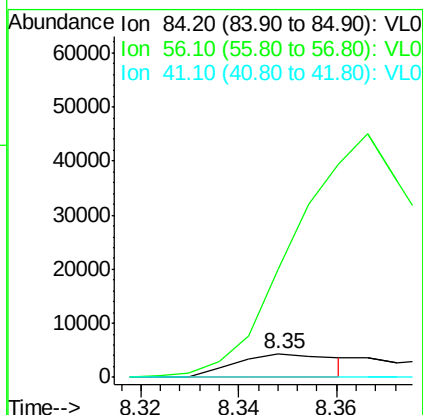
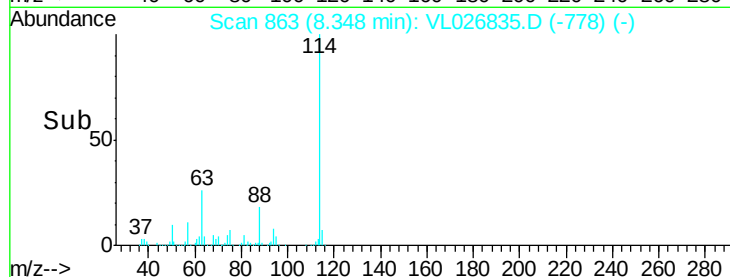
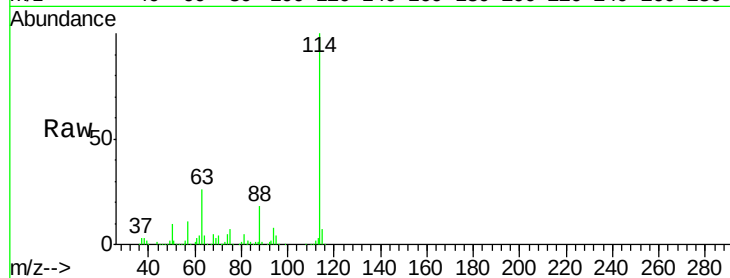




#30
Cyclohexane
Concen: 0.04 ppbv
RT: 8.35 min Scan# 863
Delta R.T. 0.02 min
Lab File: VL026835.D
Acq: 10 Feb 2016 1:28

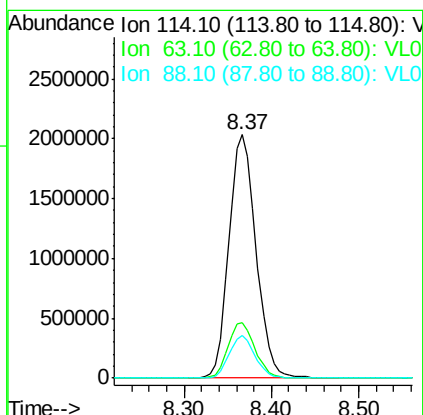
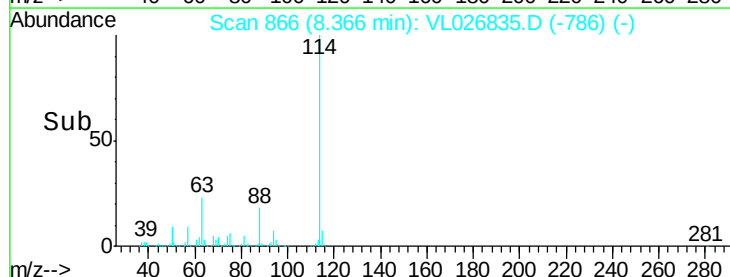
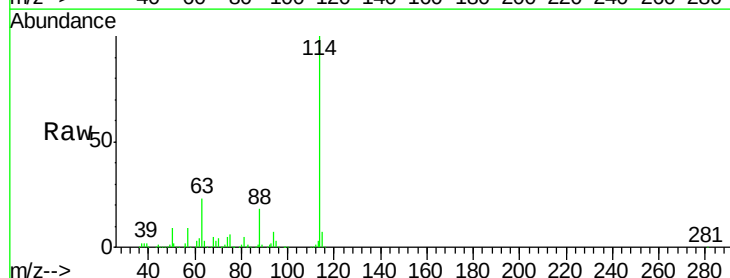
Instrument :
MSVOA_L
ClientSampleId :
CAN 10266

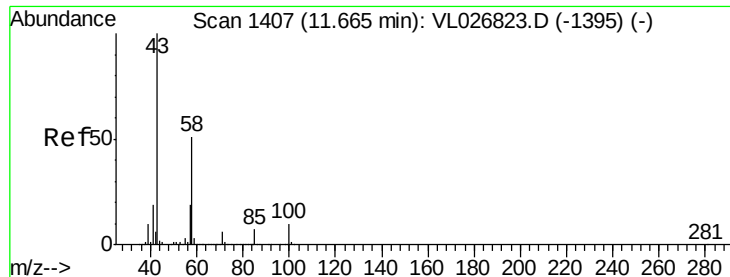
Tgt Ion: 84 Resp: 6166
Ion Ratio Lower Upper
84 100
56 1473.4 99.4 149.2#
41 0.0 56.7 85.1#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 866
Delta R.T. -0.01 min
Lab File: VL026835.D
Acq: 10 Feb 2016 1:28

Tgt Ion: 114 Resp: 4380584
Ion Ratio Lower Upper
114 100
63 22.8 19.7 29.5
88 16.9 13.8 20.6





#51

2-Hexanone

Concen: 0.04 ppbv

RT: 11.99 min Scan# 1460

Delta R.T. 0.32 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

Instrument :

MSVOA_L

ClientSampleId :

CAN 10266

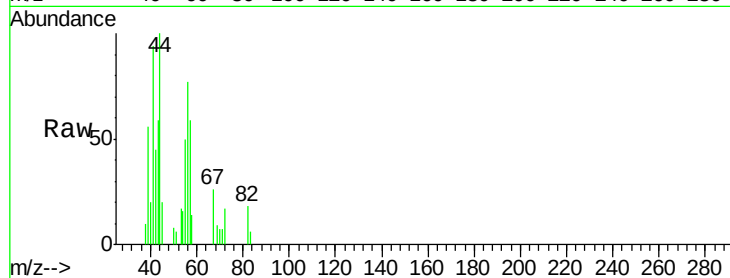
Tgt Ion: 43 Resp: 8798

Ion Ratio Lower Upper

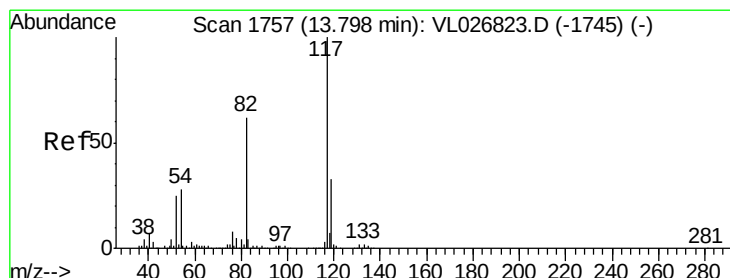
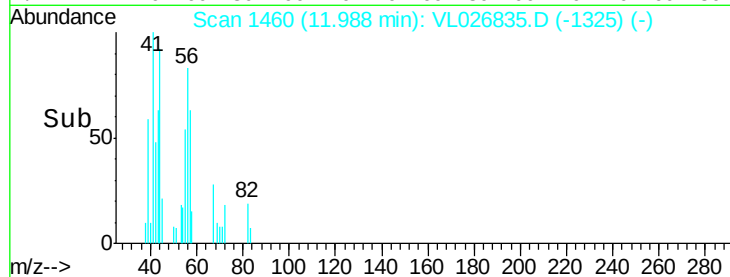
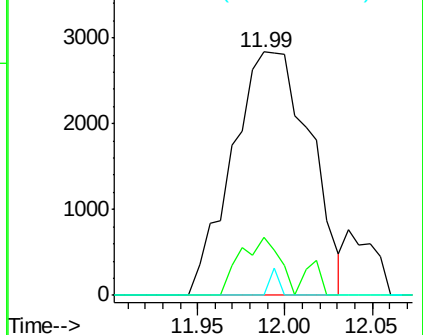
43 100

58 15.1 40.4 60.6#

98 0.0 0.2 0.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.79 min Scan# 1756

Delta R.T. -0.01 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

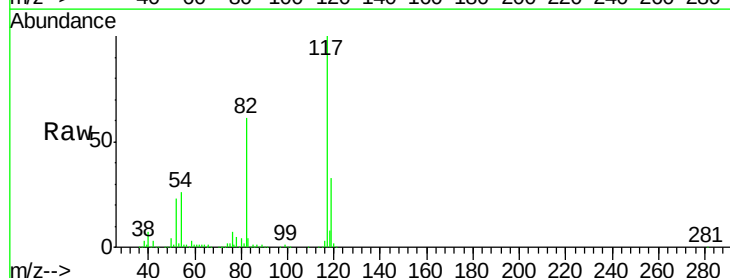
Tgt Ion: 117 Resp: 3986178

Ion Ratio Lower Upper

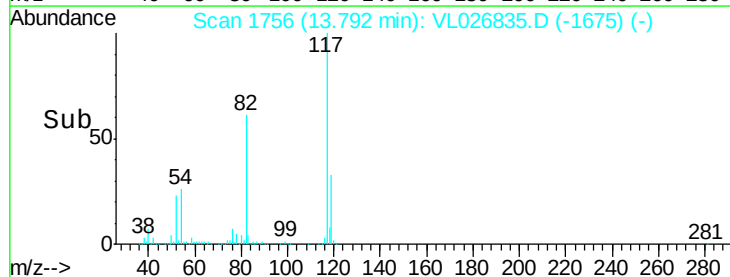
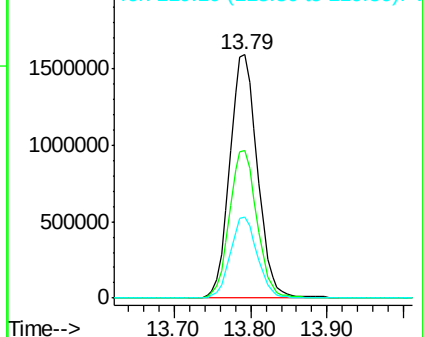
117 100

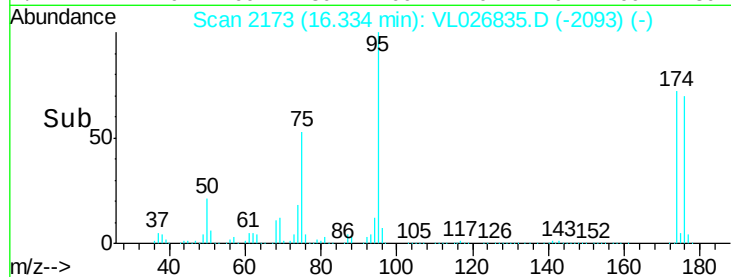
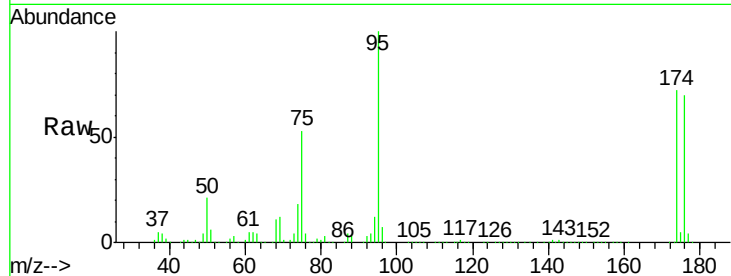
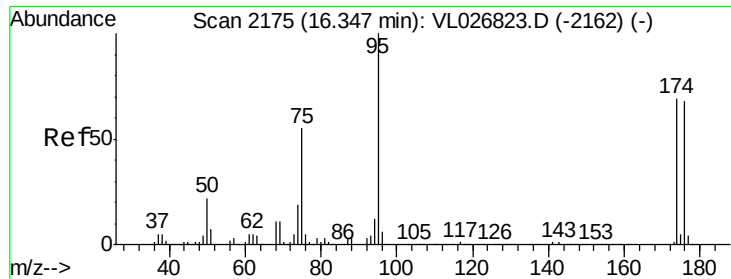
82 0.0 51.9 77.9#

119 32.8 48.5 72.7#



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





#68

1-Bromo-4-Fluorobenzene

Concen: 9.76 ppbv

RT: 16.33 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VL026835.D

Acq: 10 Feb 2016 1:28

Instrument :

MSVOA_L

ClientSampleId :

CAN 10266

Tgt Ion: 95 Resp: 2793597

Ion Ratio Lower Upper

95 100

174 72.8 55.6 83.4

175 5.1 3.9 5.9

