

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
 Data File : VL026834.D
 Acq On : 10 Feb 2016 00:47
 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 03:45:58 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	1691087	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	4772121	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.79	117	4311576	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	2997168	9.68	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

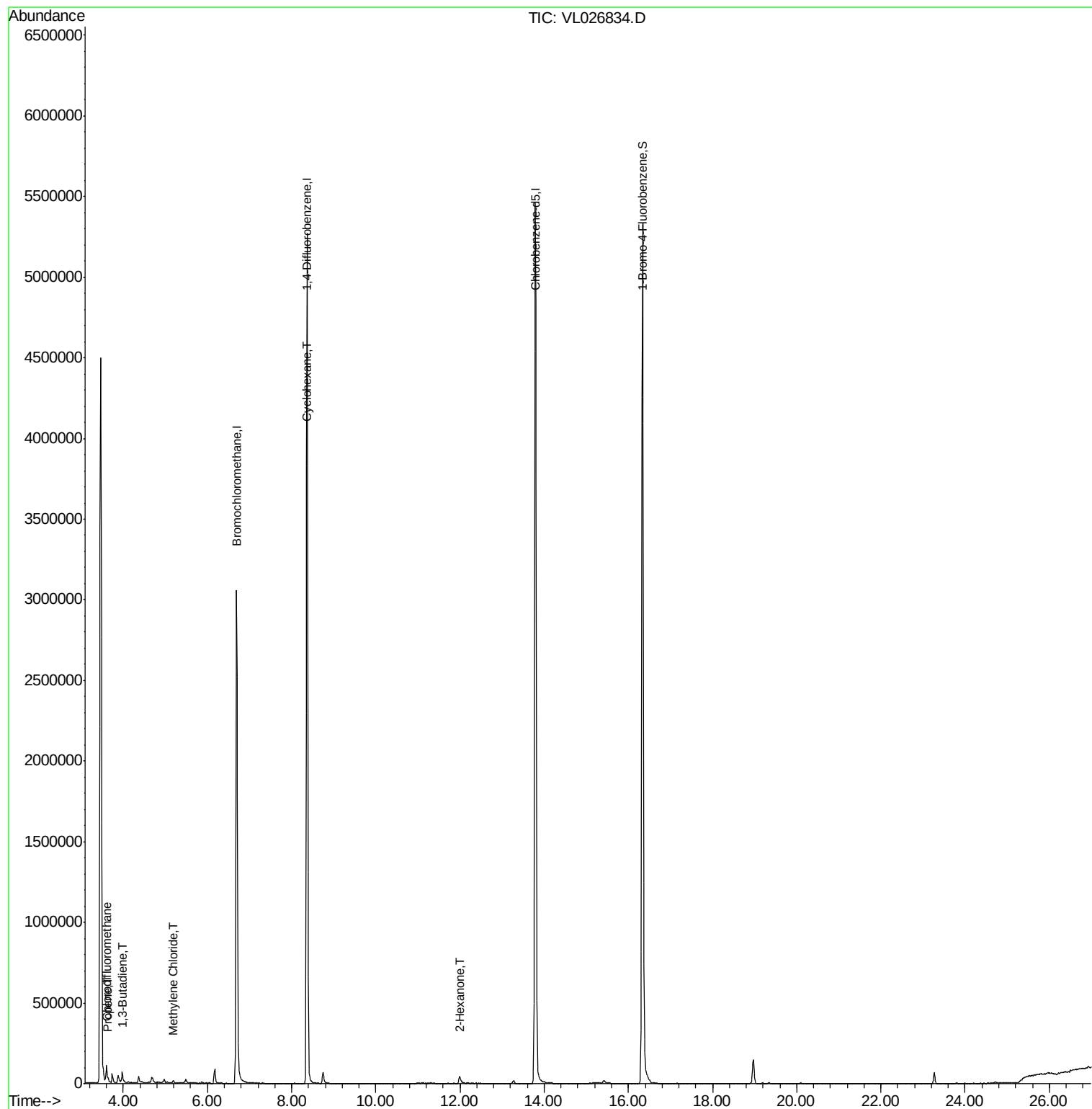
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.61	51	62559	0.23	ppbv	96
9) Propene	3.63	41	4121	0.06	ppbv	87
16) 1,3-Butadiene	3.98	39	7158	0.08	ppbv #	3
20) Methylene Chloride	5.19	84	7343	0.06	ppbv	95
30) Cyclohexane	8.35	84	5897	0.04	ppbv #	1
51) 2-Hexanone	11.99	43	11006	0.05	ppbv #	41

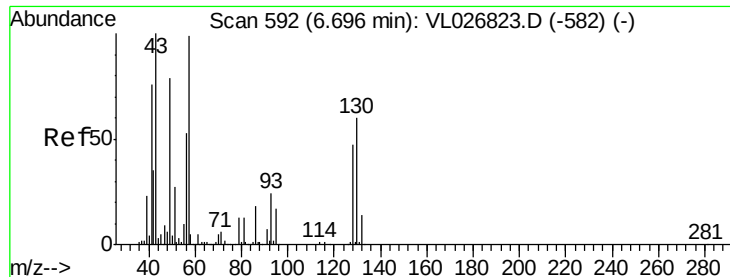
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.69 min Scan# 591

Delta R.T. -0.01 min

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MSVOA_L

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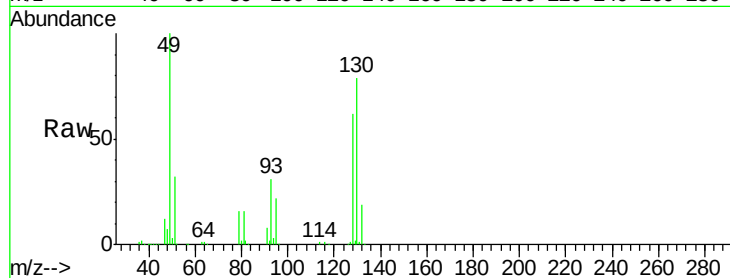
Tgt Ion: 49 Resp: 1691087

Ion Ratio Lower Upper

49 100

128 62.5 29.7 89.1

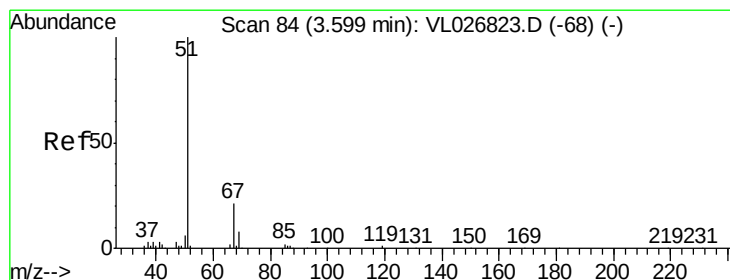
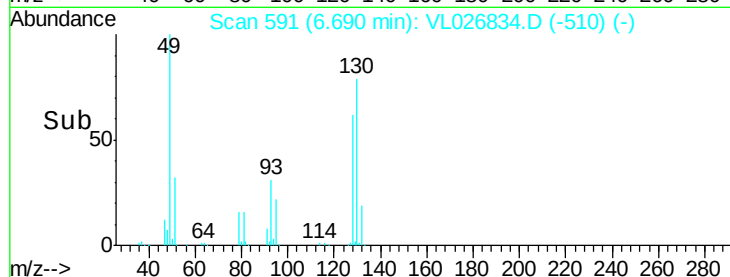
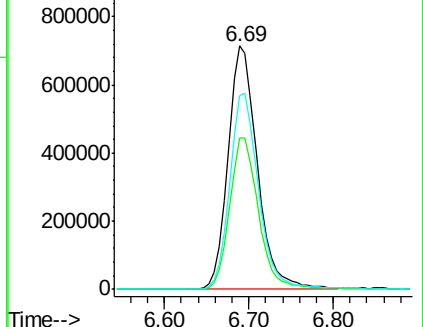
130 80.2 38.3 114.8



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: VL026834.D

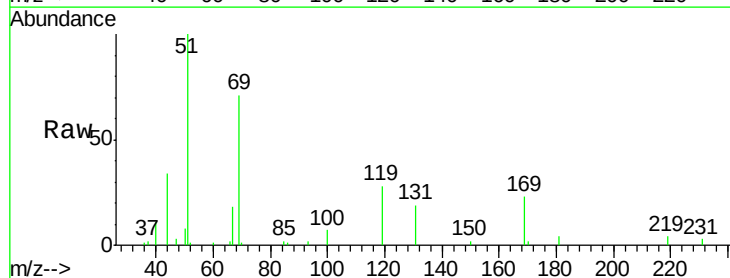
Acq: 10 Feb 2016 00:47

Tgt Ion: 51 Resp: 62559

Ion Ratio Lower Upper

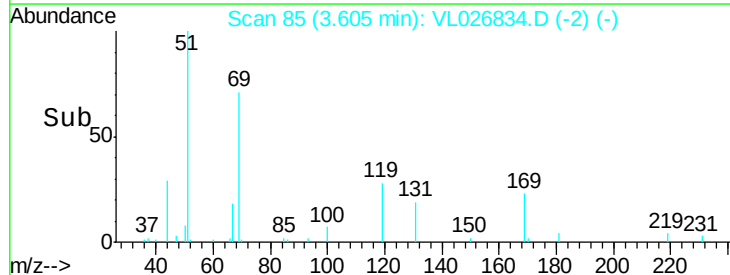
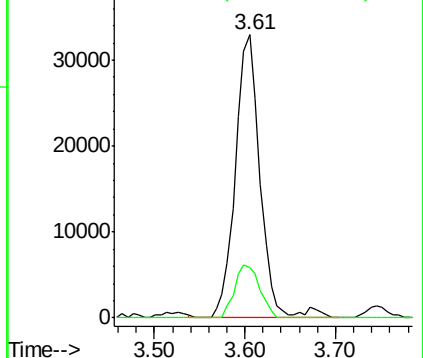
51 100

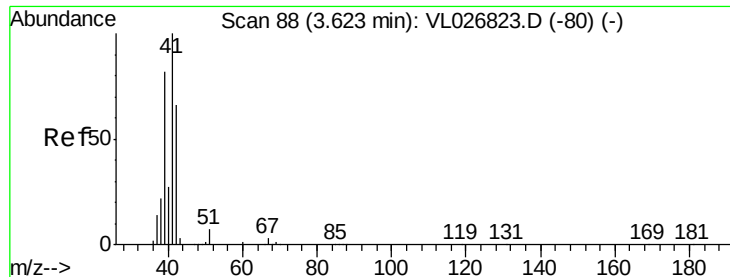
67 18.8 16.4 24.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.06 ppbv

RT: 3.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VL026834.D

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Instrument :

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ClientSampleId :

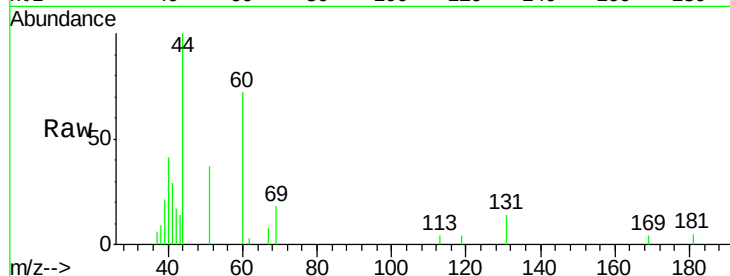
CAN 10266

Tgt Ion: 41 Resp: 4121

Ion Ratio Lower Upper

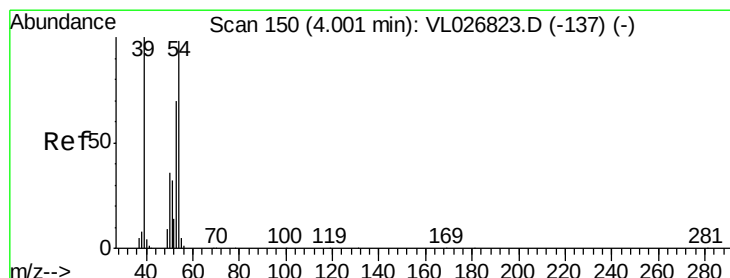
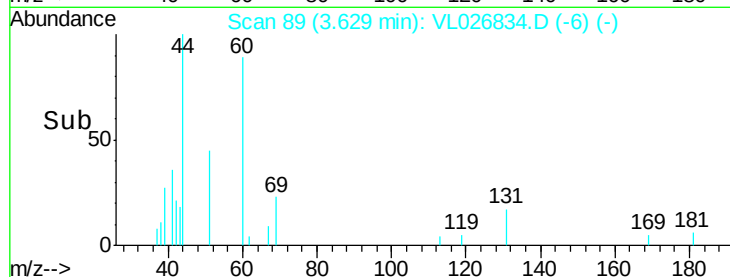
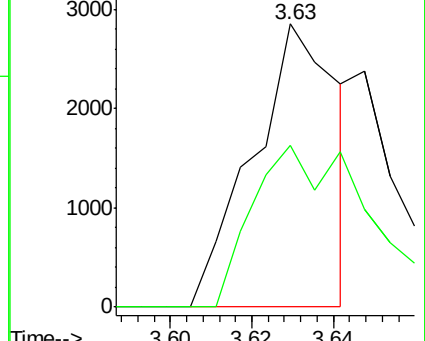
41 100

42 76.0 52.8 79.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#16

1,3-Butadiene

Concen: 0.08 ppbv

RT: 3.98 min Scan# 146

Delta R.T. -0.02 min

Lab File: VL026834.D

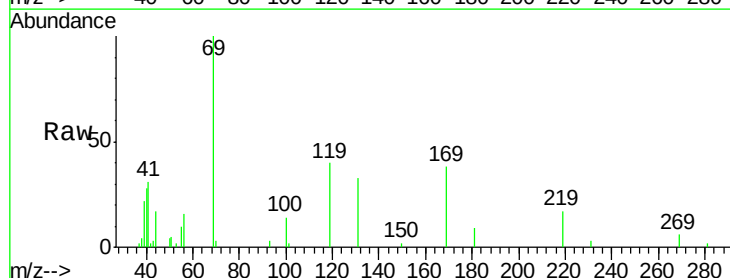
Acq: 10 Feb 2016 00:47

Tgt Ion: 39 Resp: 7158

Ion Ratio Lower Upper

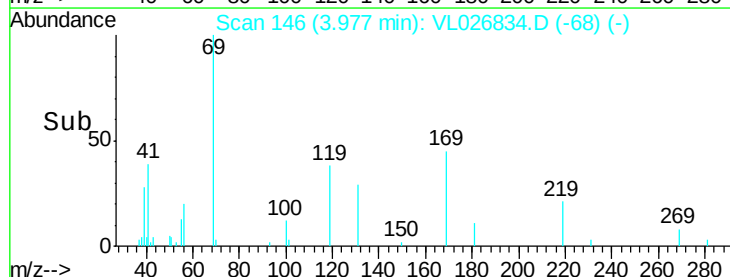
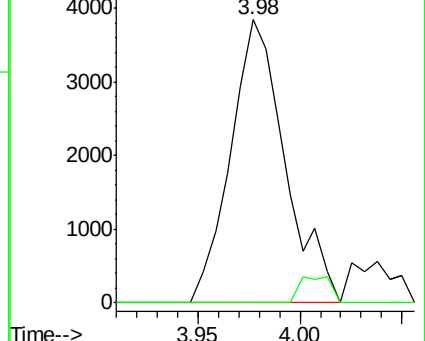
39 100

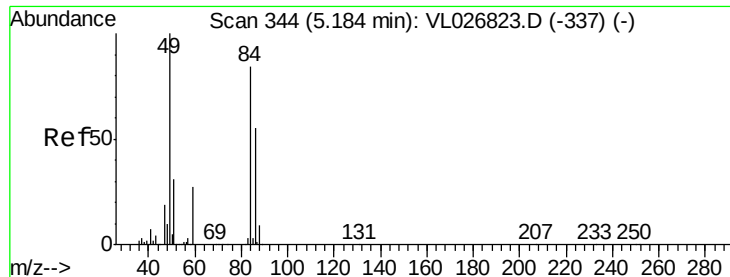
54 0.0 74.7 112.1#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

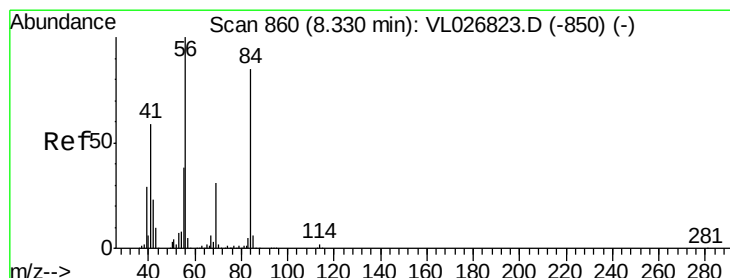
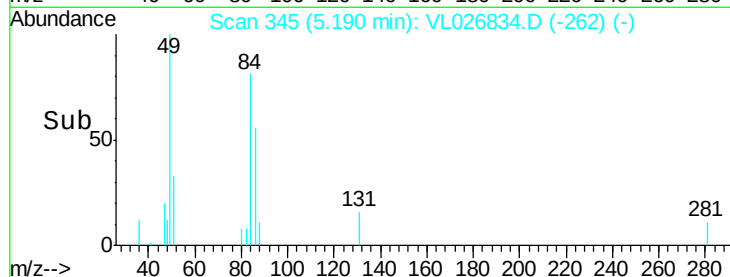
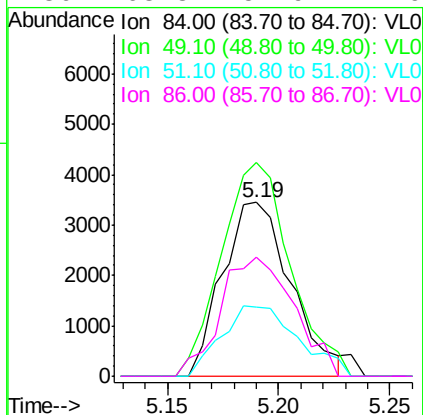
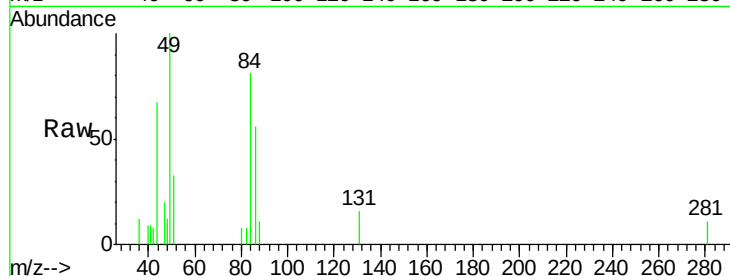




#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 5.19 min Scan# 345
Delta R.T. 0.01 min
Lab File: VL026834.D
Acq: 10 Feb 2016 00:47

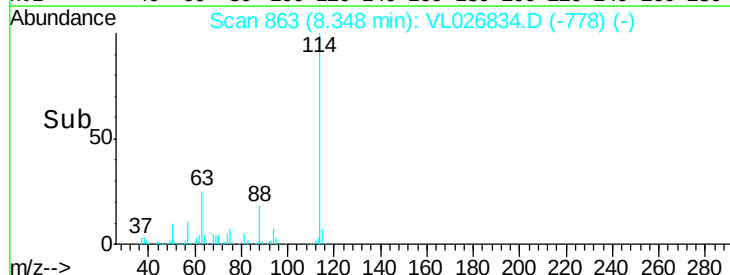
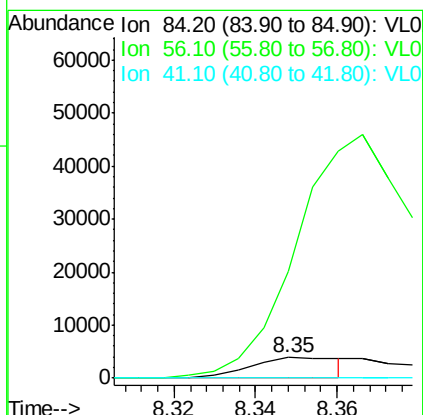
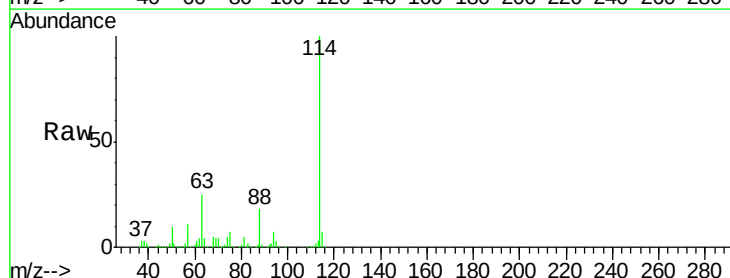
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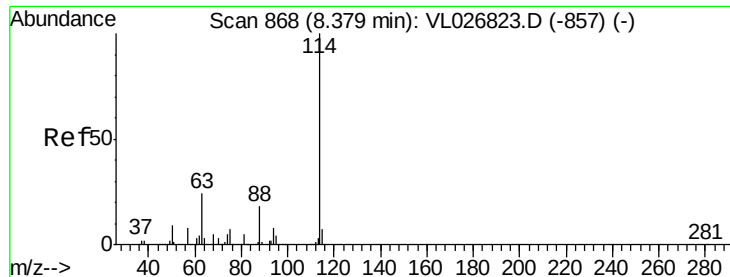
Tgt Ion:	84	Resp:	7343
Ion	Ratio	Lower	Upper
84	100		
49	112.8	94.9	142.3
51	39.9	29.5	44.3
86	68.8	51.9	77.9



#30
Cyclohexane
Concen: 0.04 ppbv
RT: 8.35 min Scan# 863
Delta R.T. 0.02 min
Lab File: VL026834.D
Acq: 10 Feb 2016 00:47

Tgt Ion:	84	Resp:	5897
Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.4	149.2#
41	0.0	56.7	85.1#

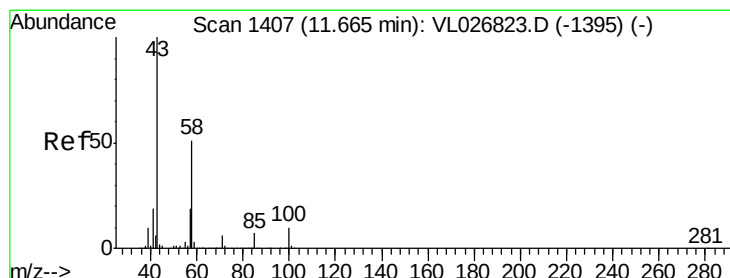
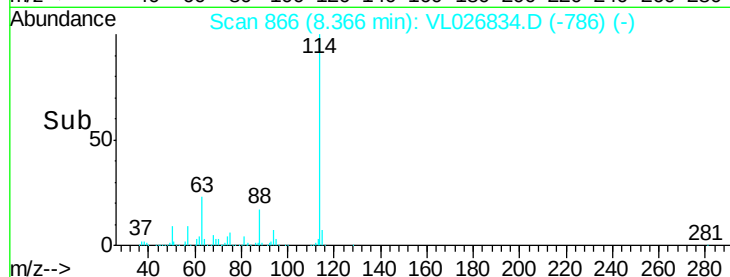
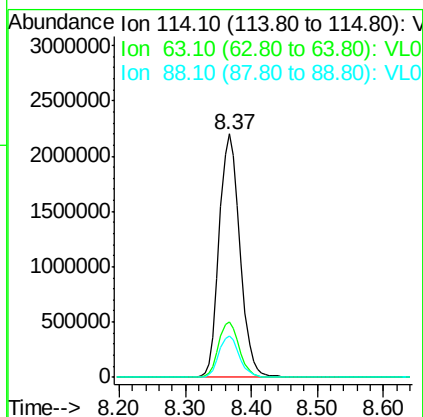
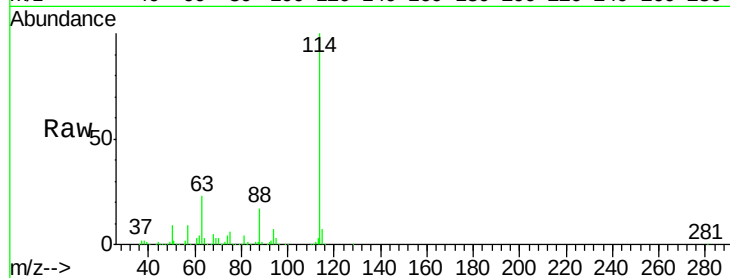




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.37 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VL026834.D
 Acq: 10 Feb 2016 00:47

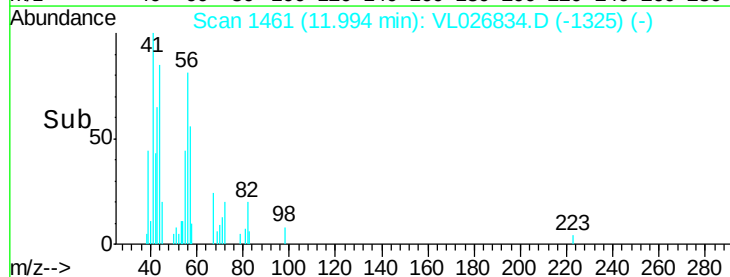
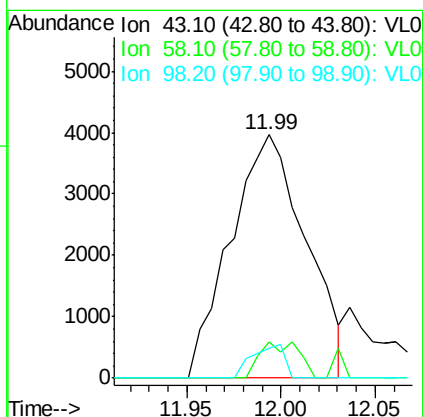
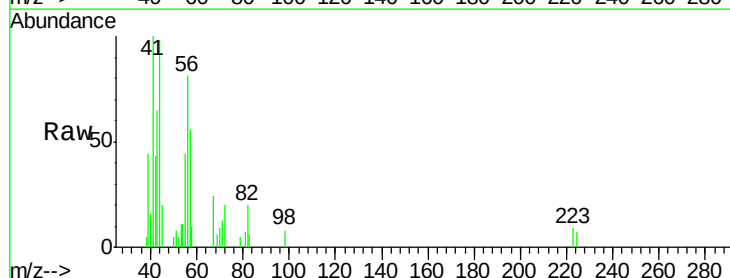
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10266

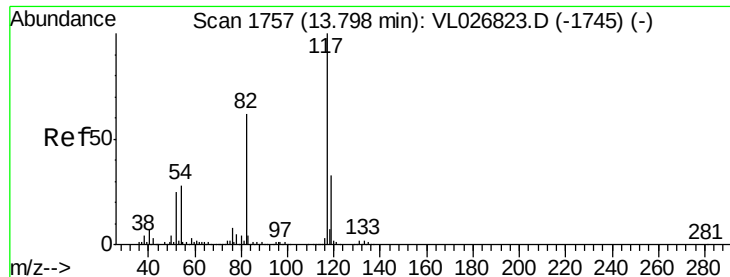
Tgt Ion: 114 Resp: 4772121
 Ion Ratio Lower Upper
 114 100
 63 22.7 19.7 29.5
 88 16.6 13.8 20.6



#51
 2-Hexanone
 Concen: 0.05 ppbv
 RT: 11.99 min Scan# 1461
 Delta R.T. 0.33 min
 Lab File: VL026834.D
 Acq: 10 Feb 2016 00:47

Tgt Ion: 43 Resp: 11006
 Ion Ratio Lower Upper
 43 100
 58 9.2 40.4 60.6#
 98 5.9 0.2 0.4#

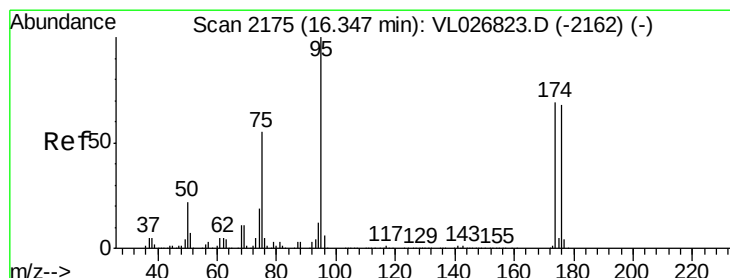
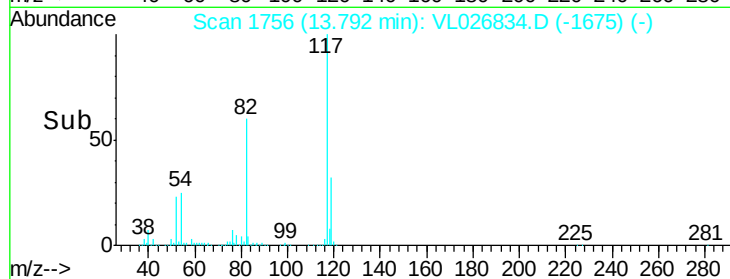
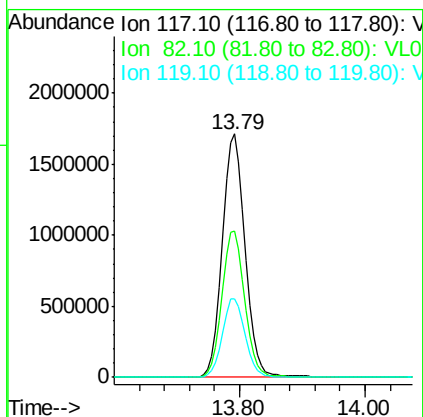
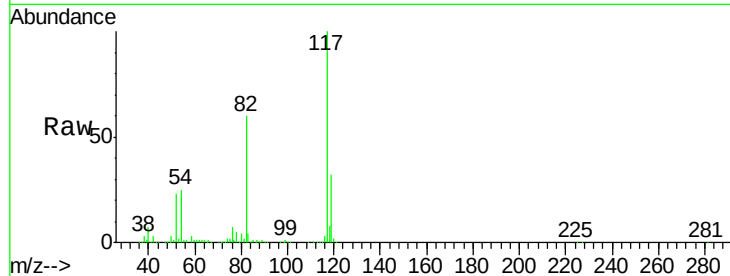




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VL026834.D
Acq: 10 Feb 2016 00:47

Instrument :
MSVOA_L
ClientSampleId :
CAN 10266

Tgt Ion: 117 Resp: 4311576
Ion Ratio Lower Upper
117 100
82 0.0 51.9 77.9#
119 0.0 48.5 72.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.68 ppbv
RT: 16.33 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VL026834.D
Acq: 10 Feb 2016 00:47

Tgt Ion: 95 Resp: 2997168
Ion Ratio Lower Upper
95 100
174 73.3 55.6 83.4
175 5.1 3.9 5.9

