

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026183.D
 Acq On : 9 Oct 2015 19:34
 Operator : SY/MD
 Sample : OC092915 CAN 10257
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 10 00:13:36 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
 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	6.67	49	905652	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	2383706	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2757007	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	2141234	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

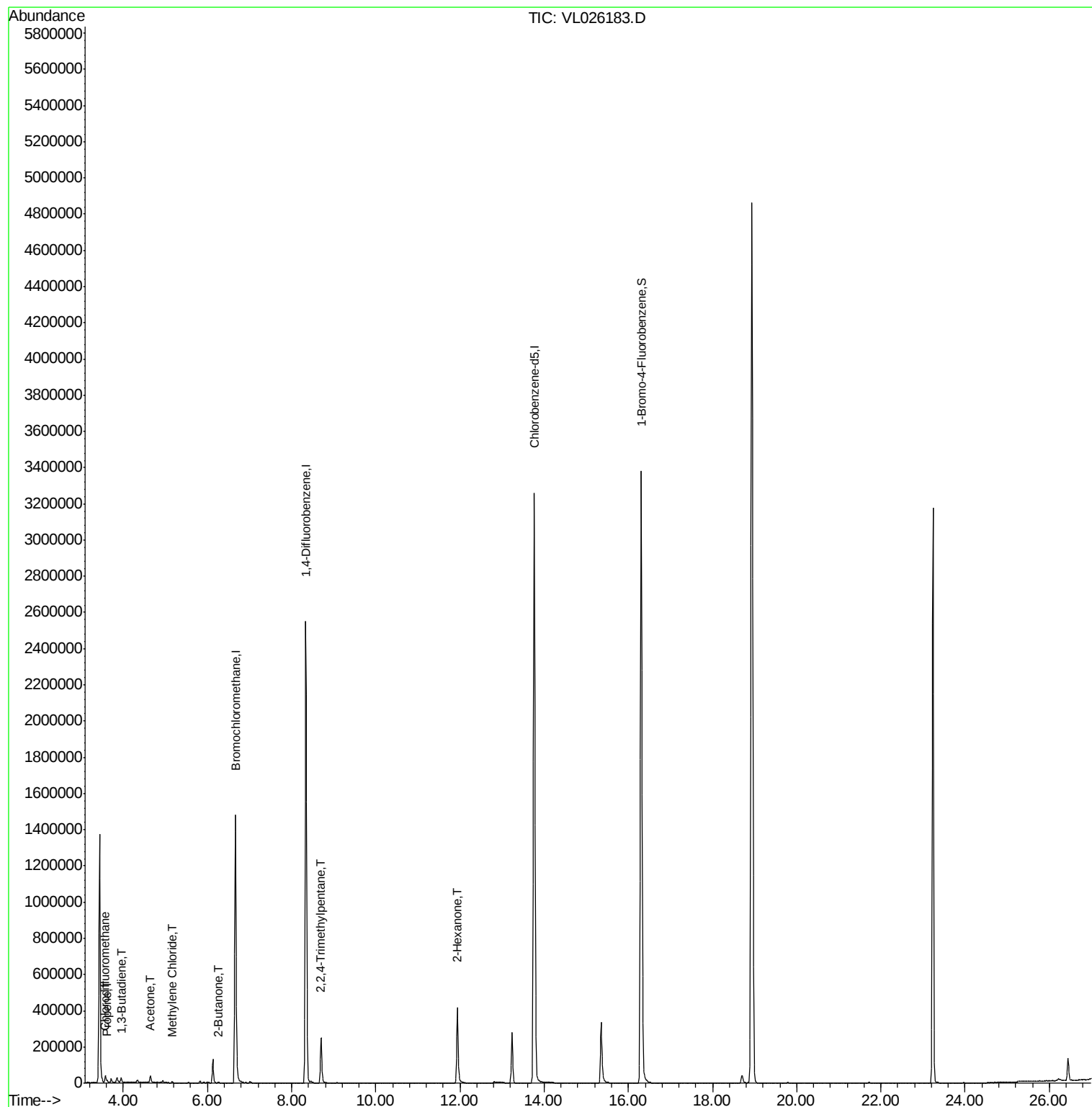
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.57	51	23416	0.22	ppbv	97
9) Propene	3.60	41	1461	0.03	ppbv #	16
15) Acetone	4.65	43	35411	0.30	ppbv #	1
16) 1,3-Butadiene	3.95	39	3430	0.06	ppbv #	7
20) Methylene Chloride	5.17	84	4082	0.08	ppbv #	81
34) 2-Butanone	6.25	43	8655	0.07	ppbv	94
44) 2,2,4-Trimethylpentane	8.70	57	51800	0.14	ppbv #	1
51) 2-Hexanone	11.93	43	107235	0.68	ppbv #	48

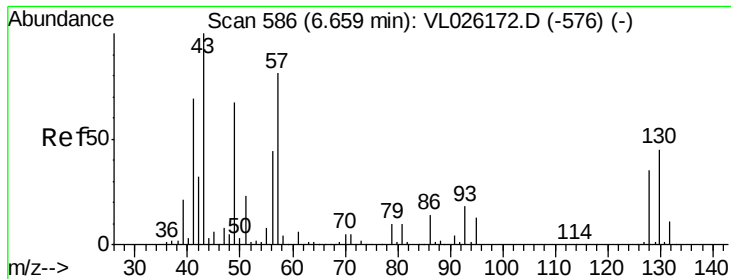
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
Data File : VL026183.D
Acq On : 9 Oct 2015 19:34
Operator : SY/MD
Sample : OC092915 CAN 10257
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 10 00:13:36 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.67 min Scan# 587

Delta R.T. 0.01 min

Lab File: VL026183.D

Acq: 9 Oct 2015 19:34

Instrument :

MSVOA_L

ClientSampleId :

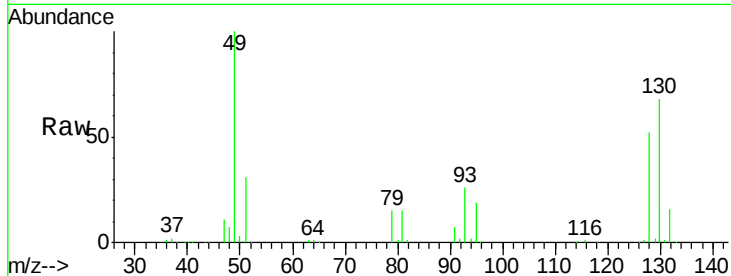
Tot Ion: 49 Resp: 905652

Ion Ratio Lower Upper

49 100

128 52.3 26.3 78.8

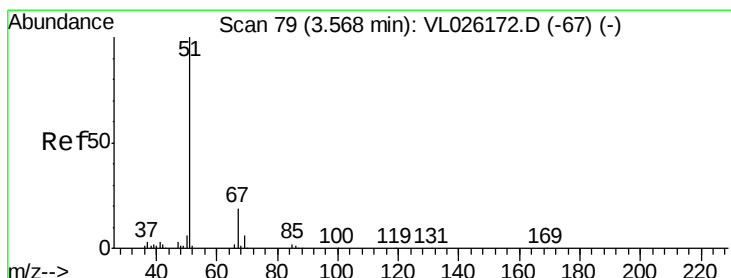
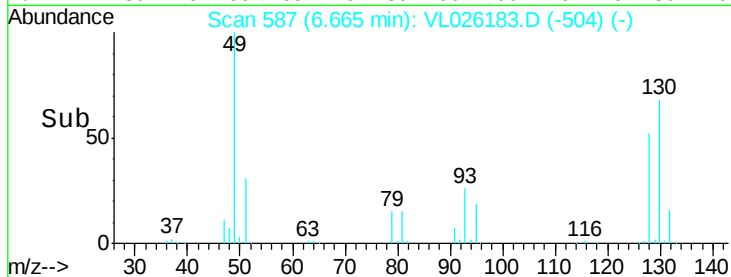
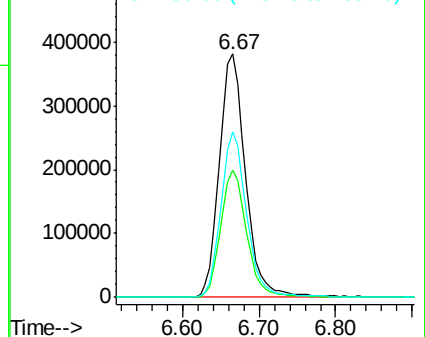
130 67.4 34.2 102.5



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: 0.22 ppbv

RT: 3.57 min Scan# 80

Delta R.T. 0.01 min

Lab File: VL026183.D

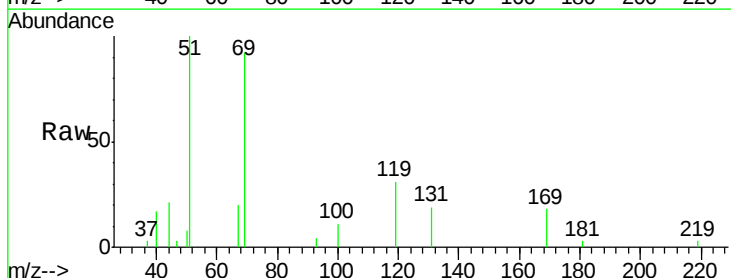
Acq: 9 Oct 2015 19:34

Tgt Ion: 51 Resp: 23416

Ion Ratio Lower Upper

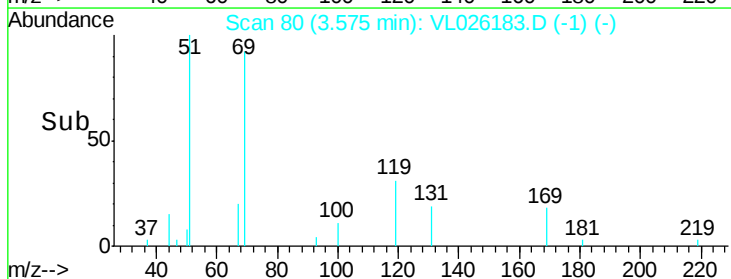
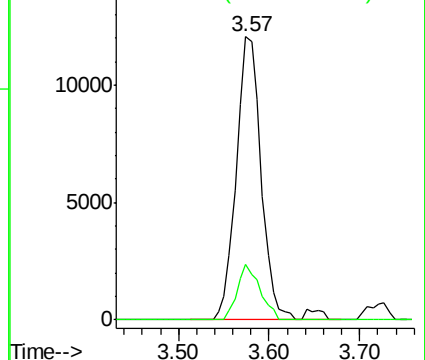
51 100

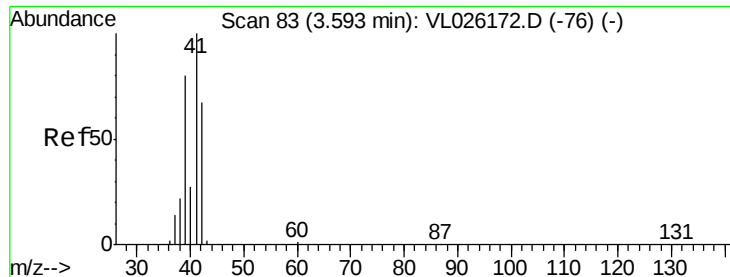
67 17.4 14.9 22.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.03 ppbv

RT: 3.60 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL026183.D

Acq: 9 Oct 2015 19:34

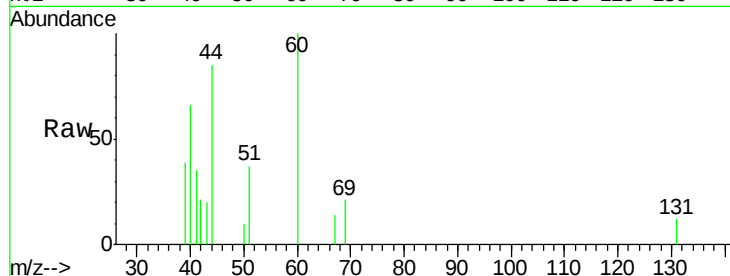
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 41 Resp: 1461

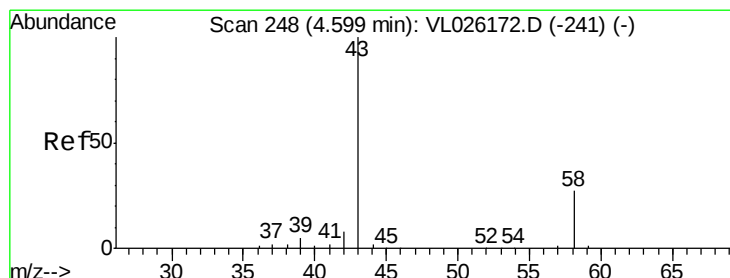
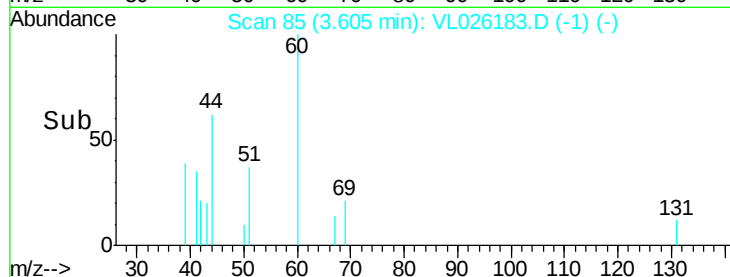
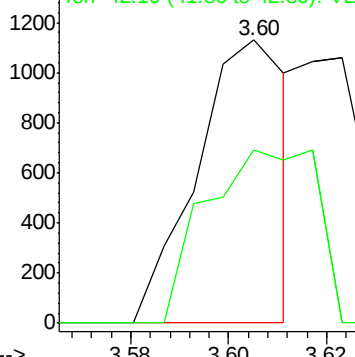
Ion Ratio Lower Upper

41 100

42 0.0 53.6 80.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0



#15

Acetone

Concen: 0.30 ppbv

RT: 4.65 min Scan# 256

Delta R.T. 0.05 min

Lab File: VL026183.D

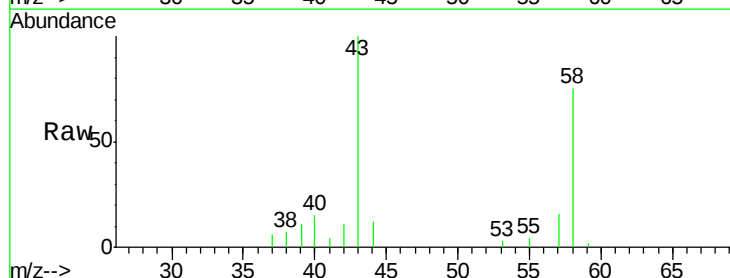
Acq: 9 Oct 2015 19:34

Tgt Ion: 43 Resp: 35411

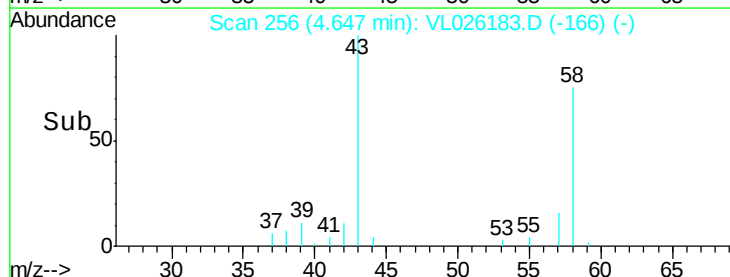
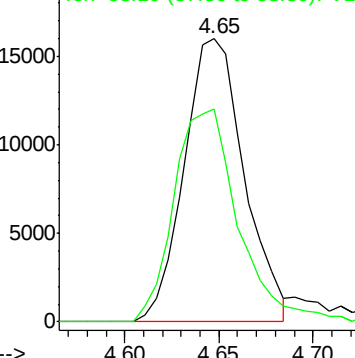
Ion Ratio Lower Upper

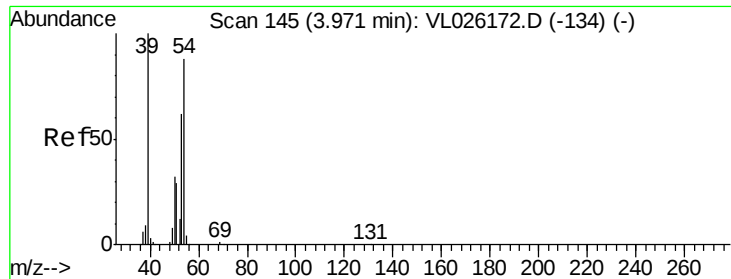
43 100

58 80.3 22.0 33.0#



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

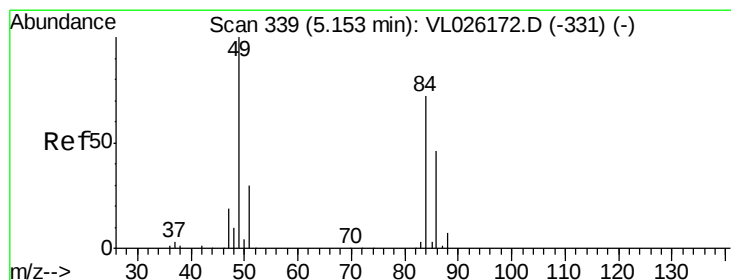
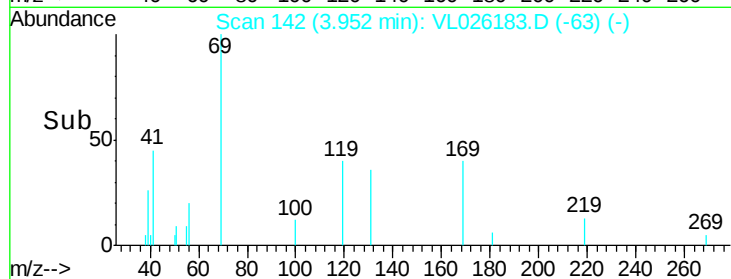
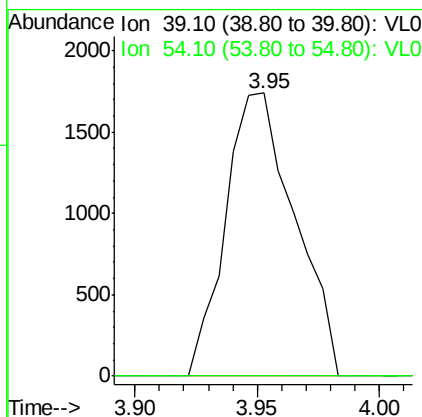
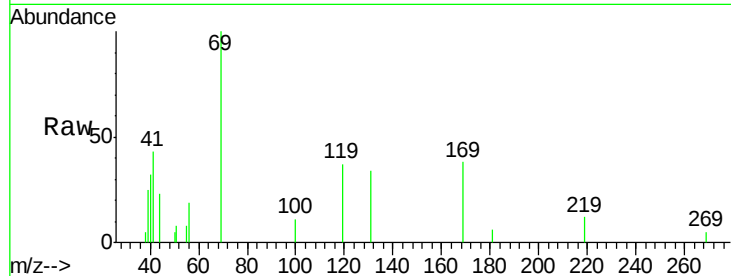




#16
 1,3-Butadiene
 Concen: 0.06 ppbv
 RT: 3.95 min Scan# 142
 Delta R.T. -0.02 min
 Lab File: VL026183.D
 Acq: 9 Oct 2015 19:34

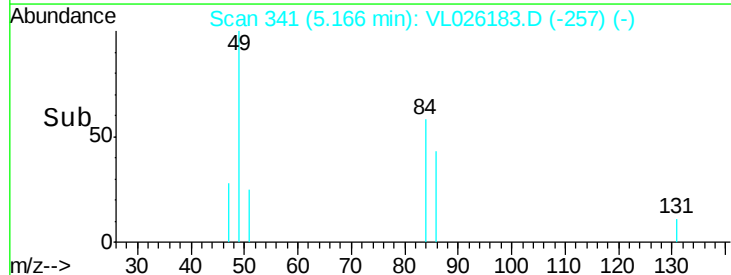
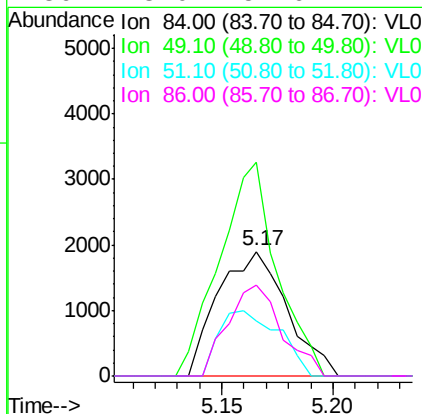
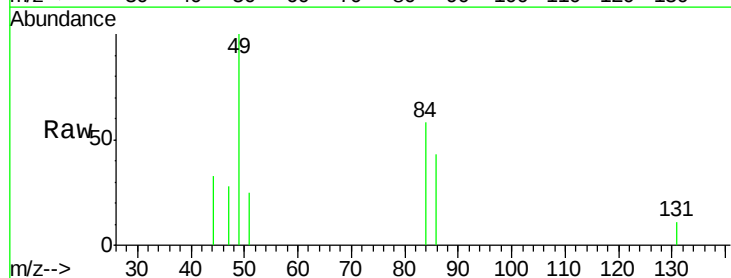
Instrument :
 MSVOA_L
 ClientSampleId :

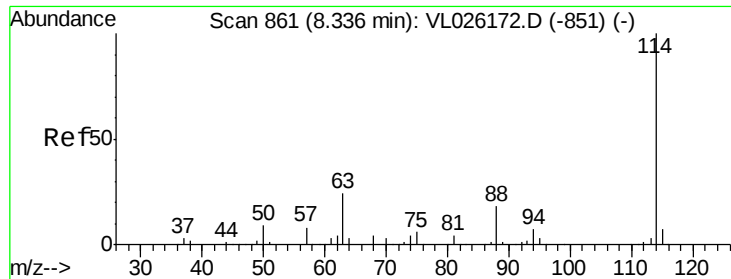
Tot Ion: 39 Resp: 3430
 Ion Ratio Lower Upper
 39 100
 54 0.0 67.9 101.9#



#20
 Methylene Chloride
 Concen: 0.08 ppbv
 RT: 5.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VL026183.D
 Acq: 9 Oct 2015 19:34

Tgt Ion: 84 Resp: 4082
 Ion Ratio Lower Upper
 84 100
 49 171.5 111.3 166.9#
 51 43.7 33.0 49.6
 86 73.0 51.6 77.4

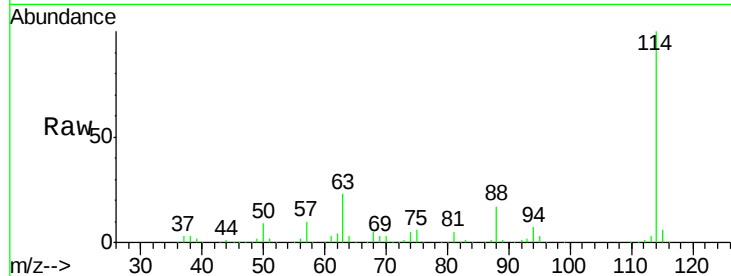




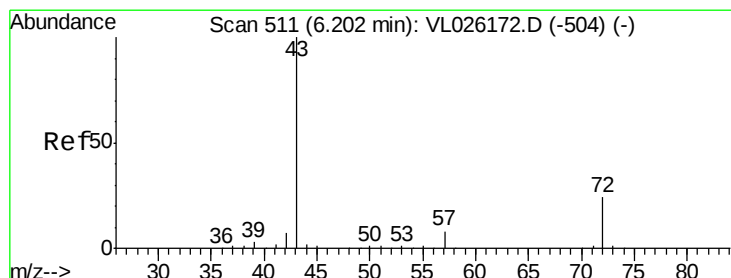
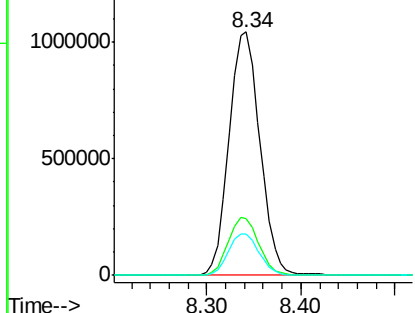
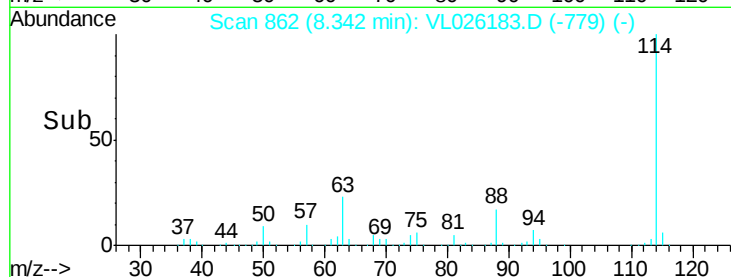
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.34 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: VL026183.D
 Acq: 9 Oct 2015 19:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 2383706
 Ion Ratio Lower Upper
 114 100
 63 23.7 19.0 28.6
 88 17.2 13.8 20.8

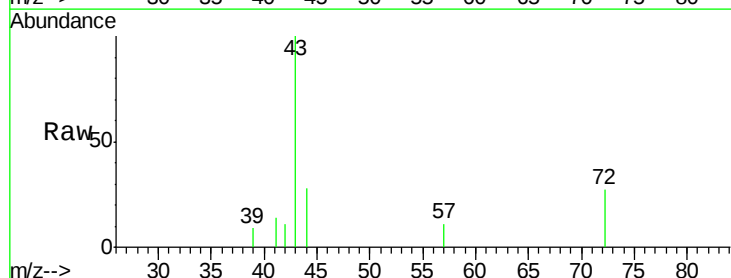


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

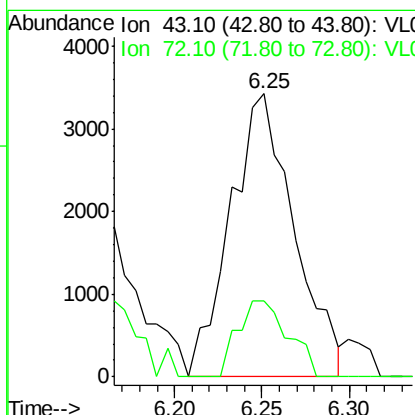
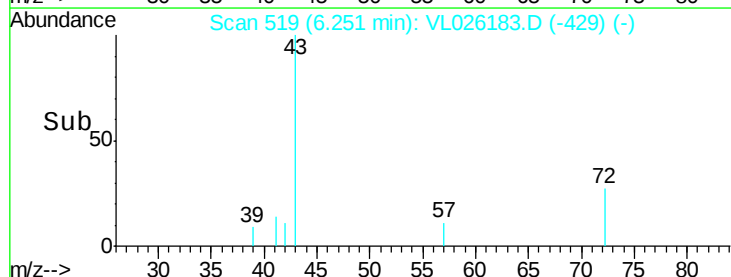


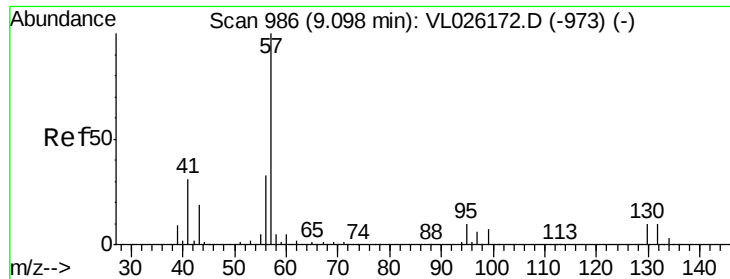
#34
 2-Butanone
 Concen: 0.07 ppbv
 RT: 6.25 min Scan# 519
 Delta R.T. 0.05 min
 Lab File: VL026183.D
 Acq: 9 Oct 2015 19:34

Tgt Ion: 43 Resp: 8655
 Ion Ratio Lower Upper
 43 100
 72 21.4 19.6 29.4



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.14 ppbv

RT: 8.70 min Scan# 921

Delta R.T. -0.40 min

Lab File: VL026183.D

Acq: 9 Oct 2015 19:34

Instrument :

MSVOA_L

ClientSampled :

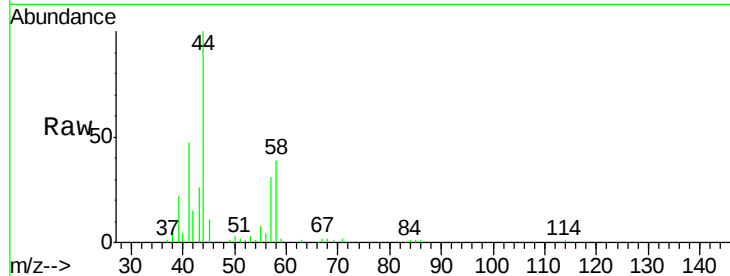
Tot Ion: 57 Resp: 51800

Ion Ratio Lower Upper

57 100

41 167.0 23.7 35.5#

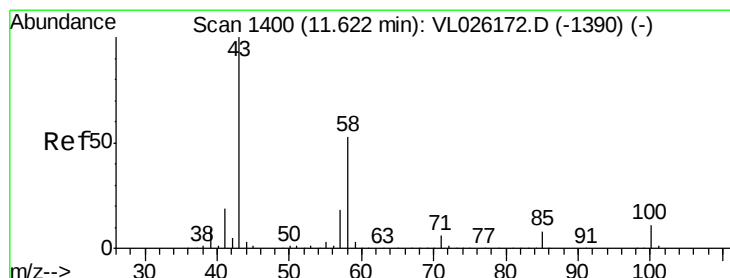
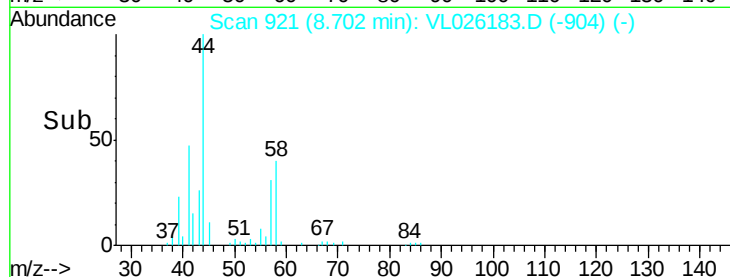
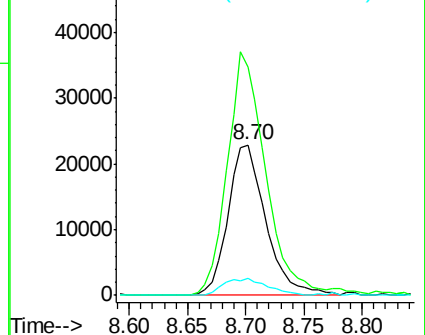
56 13.2 26.4 39.6#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#51

2-Hexanone

Concen: 0.68 ppbv

RT: 11.93 min Scan# 1451

Delta R.T. 0.31 min

Lab File: VL026183.D

Acq: 9 Oct 2015 19:34

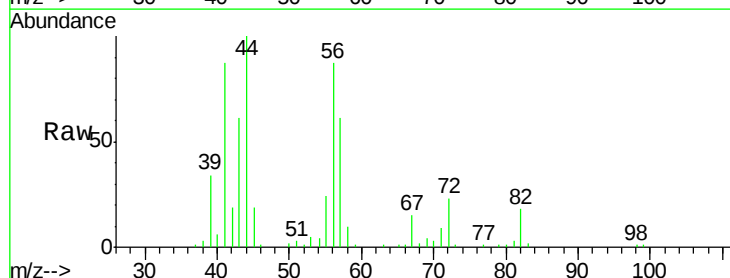
Tgt Ion: 43 Resp: 107235

Ion Ratio Lower Upper

43 100

58 15.8 42.2 63.4#

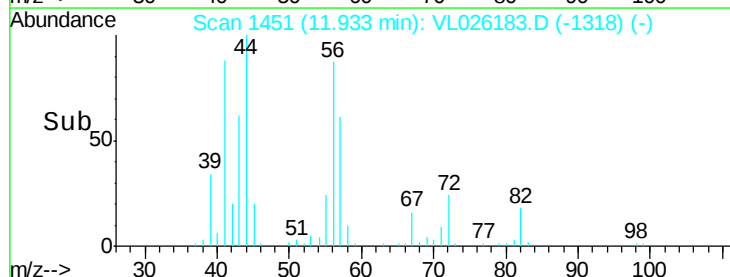
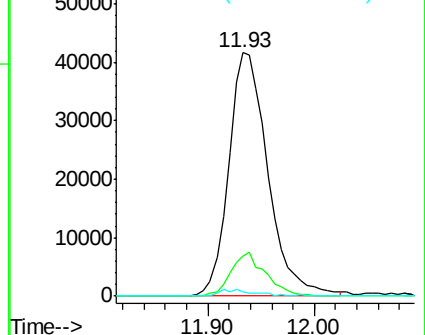
98 2.4 0.2 0.2#

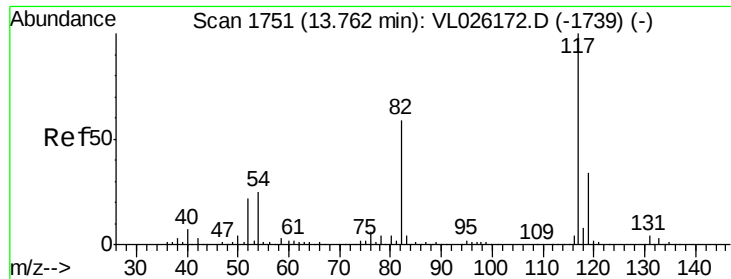


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0

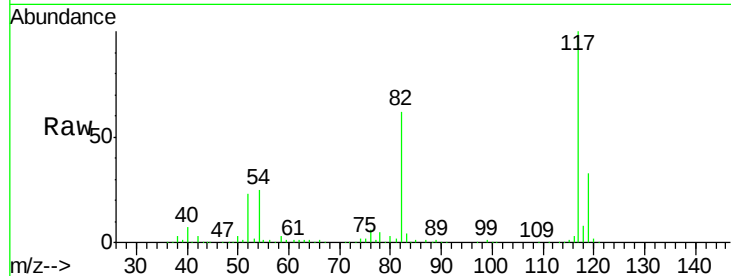




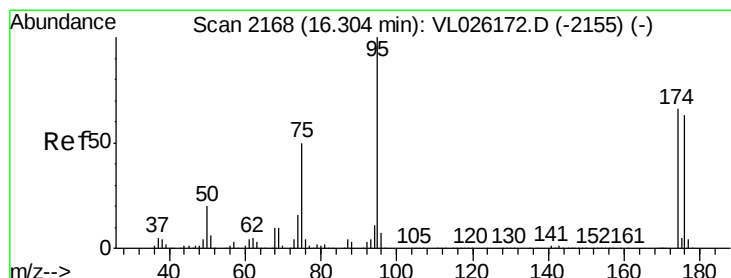
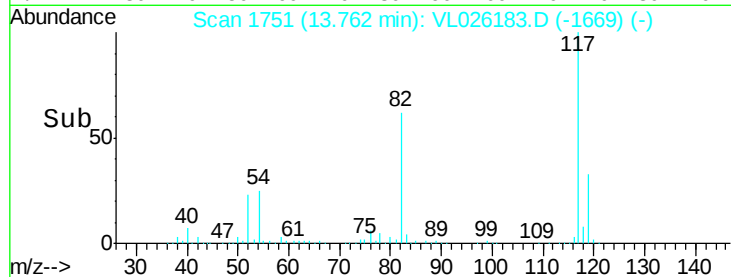
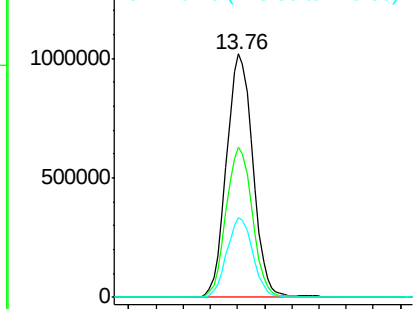
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VL026183.D
Acq: 9 Oct 2015 19:34

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2757007
Ion Ratio Lower Upper
117 100
82 61.9 47.7 71.5
119 32.7 43.7 65.5#

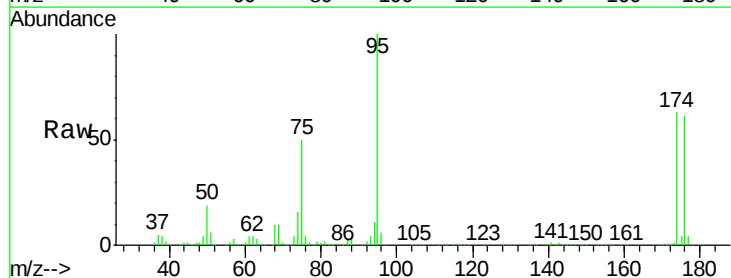


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 16.30 min Scan# 2168
Delta R.T. 0.00 min
Lab File: VL026183.D
Acq: 9 Oct 2015 19:34

Tgt Ion: 95 Resp: 2141234
Ion Ratio Lower Upper
95 100
174 64.8 52.2 78.4
175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

