

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025767.D
 Acq On : 28 Jul 2015 00:21
 Operator : SY/MD
 Sample : G3100-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Quant Time: Jul 28 04:18:10 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	785565	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2092582	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2510130	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	2142021	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

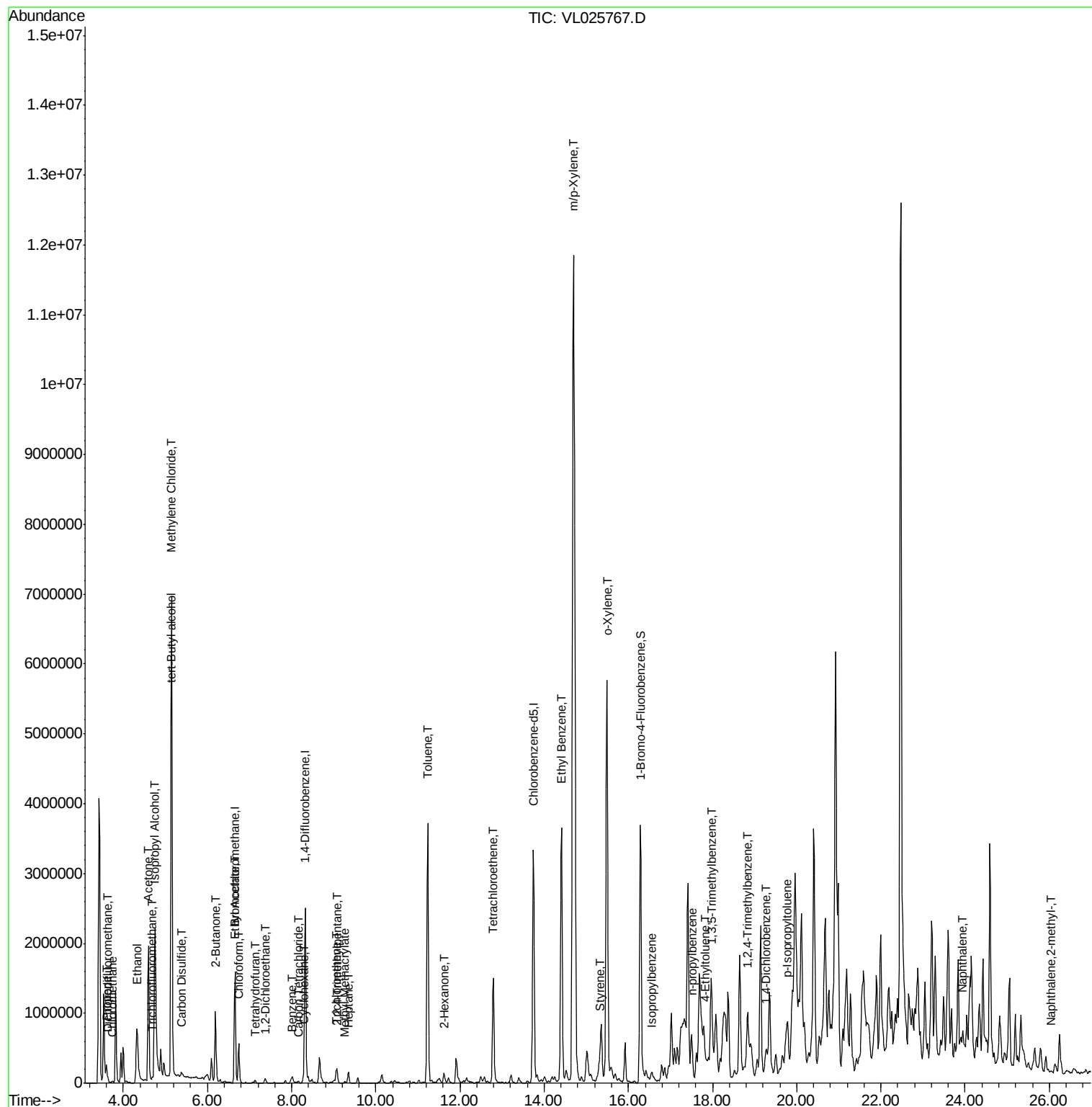
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.64	85	57273	0.28	ppbv	99
4) Chloromethane	3.75	50	20316	0.40	ppbv	98
9) Propene	3.59	41	103880	2.82	ppbv	88
10) Heptane	9.35	43	74973	0.52	ppbv	87
11) Trichlorofluoromethane	4.69	101	43953	0.17	ppbv	92
13) Ethanol	4.32	45	1481312	259.03	ppbv	97
15) Acetone	4.59	43	1584833	11.42	ppbv	92
17) tert-Butyl alcohol	5.13	59	26210	0.23	ppbv #	92
19) Isopropyl Alcohol	4.75	45	4088144	73.80	ppbv #	98
20) Methylene Chloride	5.15	84	3163230	56.10	ppbv	96
25) Ethyl Acetate	6.67	43	147036	0.70	ppbv #	69
27) Carbon Disulfide	5.39	76	101431	0.63	ppbv	98
29) Chloroform	6.74	83	464974	2.38	ppbv	99
30) Cyclohexane	8.28	84	40763	0.43	ppbv #	1
34) 2-Butanone	6.19	43	1327579	11.18	ppbv	100
35) Carbon Tetrachloride	8.17	117	14201	0.06	ppbv #	82
36) Benzene	8.02	78	48946	0.24	ppbv	97
37) 1,2-Dichloroethane	7.37	62	30305	0.18	ppbv	97
38) Trichloroethene	9.06	130	49966	0.54	ppbv	92
41) Tetrahydrofuran	7.13	42	21030	0.35	ppbv #	76
43) Methyl Methacrylate	9.26	69	9906	0.13	ppbv #	87
44) 2,2,4-Trimethylpentane	9.09	57	102471	0.30	ppbv #	68
51) 2-Hexanone	11.62	43	125354	0.82	ppbv #	94
52) Tetrachloroethene	12.79	164	440321	4.38	ppbv	97
53) Toluene	11.23	91	3453288	12.26	ppbv	99
58) Ethyl Benzene	14.41	91	4107098	9.91	ppbv	99
59) m/p-Xylene	14.69	91	14935135	40.99	ppbv	95
60) o-Xylene	15.49	91	5592875	14.26	ppbv	98
61) Styrene	15.31	104	82005	0.60	ppbv	97
62) Isopropylbenzene	16.55	105	90890	0.18	ppbv	99
64) n-propylbenzene	17.52	120	34253	0.25	ppbv	88
69) p-Isopropyltoluene	19.78	119	103000	0.18	ppbv #	72
72) 4-Ethyltoluene	17.82	105	193983	0.45	ppbv	97
73) 1,3,5-Trimethylbenzene	17.99	105	215574	0.51	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	564289	1.18	ppbv #	67
76) 1,4-Dichlorobenzene	19.27	146	123103	0.40	ppbv #	70
79) Naphthalene	23.92	128	84640	0.18	ppbv #	93
80) Naphthalene,2-methyl-	26.03	142	17515	0.13	ppbv #	78

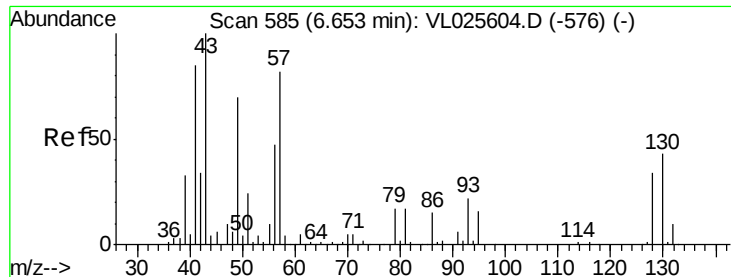
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

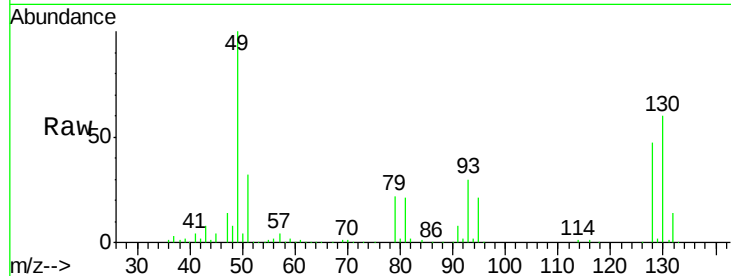
Tgt Ion: 49 Resp: 785565

Ion Ratio Lower Upper

49 100

128 49.9 25.4 76.0

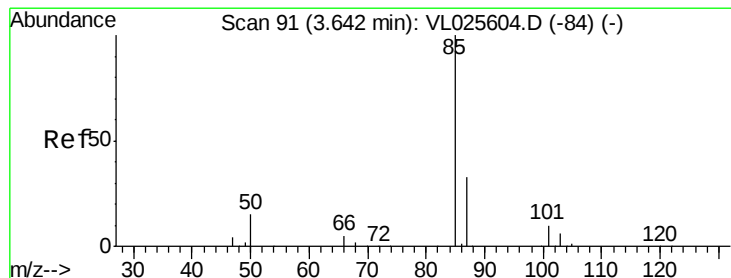
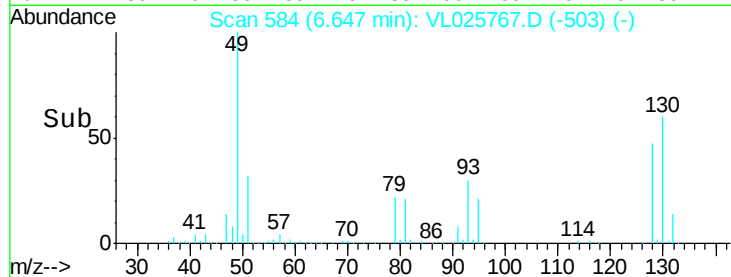
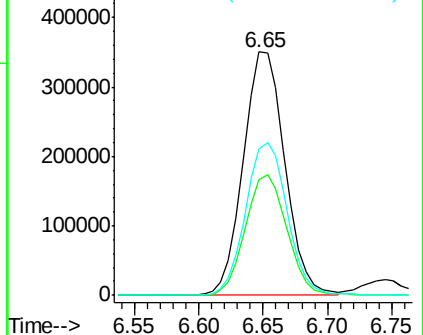
130 63.3 31.9 95.9



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



#2

Dichlorodifluoromethane

Concen: 0.28 ppbv

RT: 3.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VL025767.D

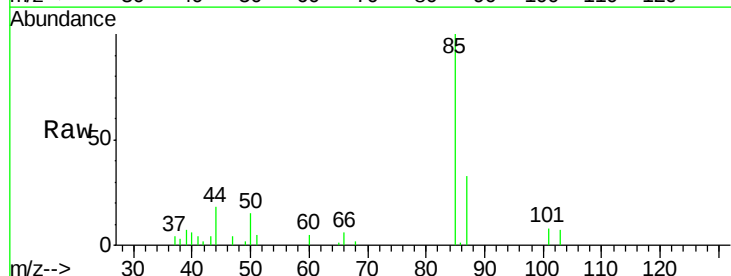
Acq: 28 Jul 2015 00:21

Tgt Ion: 85 Resp: 57273

Ion Ratio Lower Upper

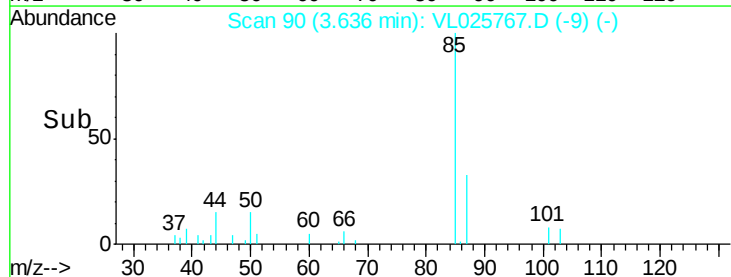
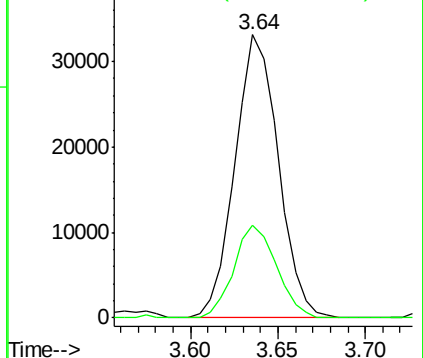
85 100

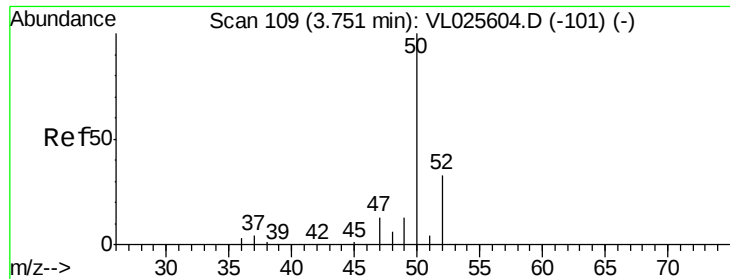
87 32.6 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.40 ppbv

RT: 3.75 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampled :

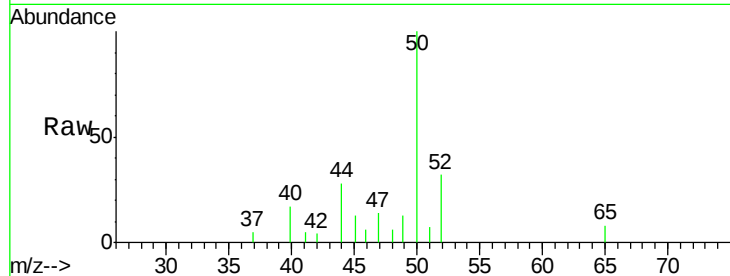
SV-1

Tgt Ion: 50 Resp: 20316

Ion Ratio Lower Upper

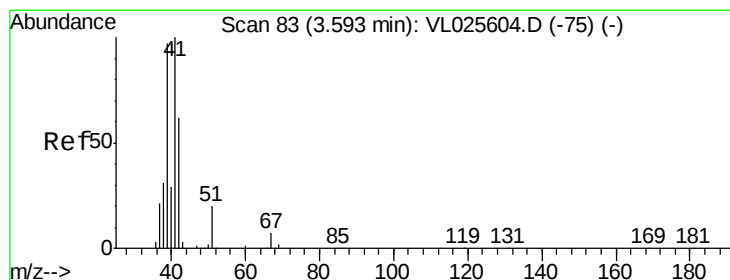
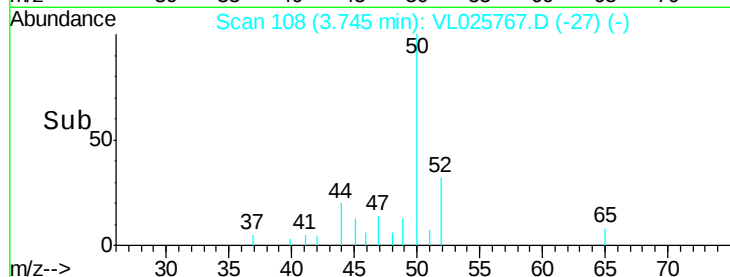
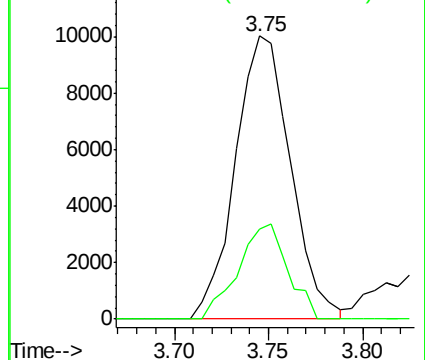
50 100

52 31.6 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 2.82 ppbv

RT: 3.59 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL025767.D

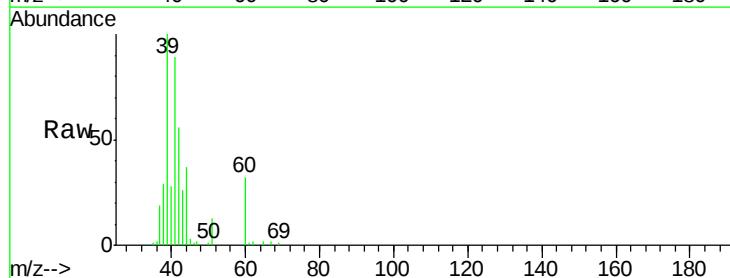
Acq: 28 Jul 2015 00:21

Tgt Ion: 41 Resp: 103880

Ion Ratio Lower Upper

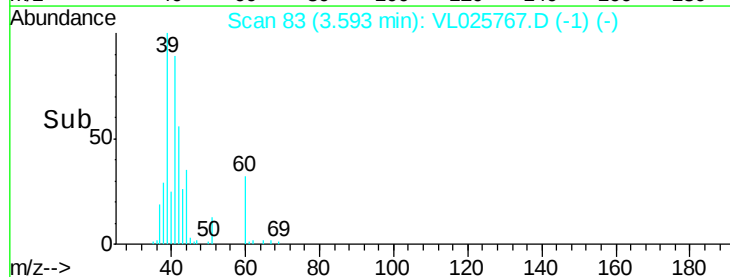
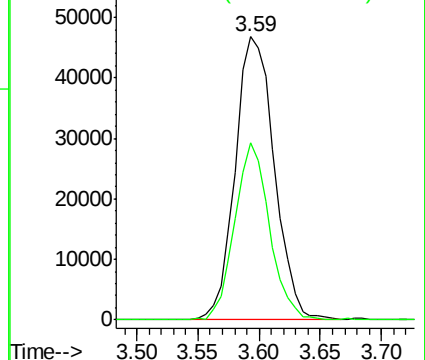
41 100

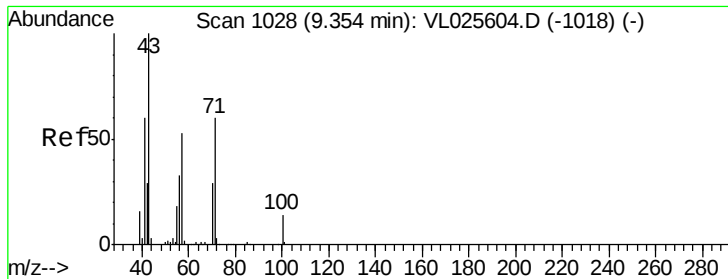
42 55.7 52.4 78.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.52 ppbv

RT: 9.35 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

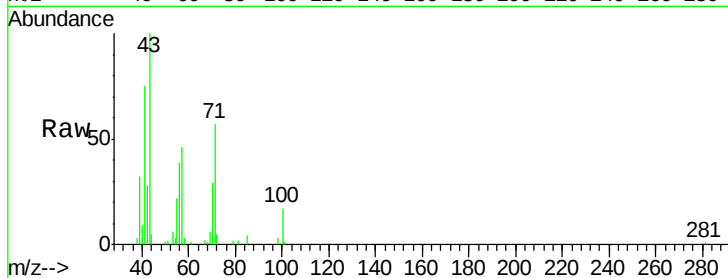
SV-1

Tgt Ion: 43 Resp: 74973

Ion Ratio Lower Upper

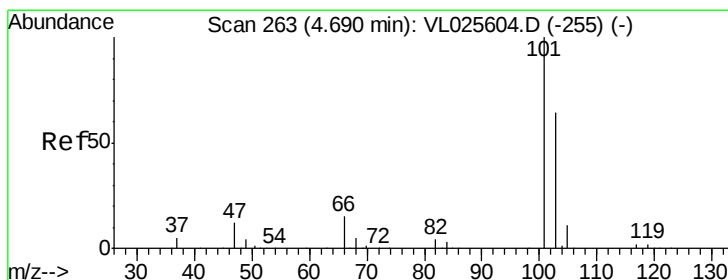
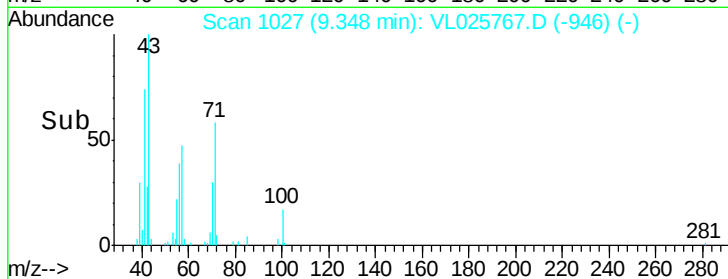
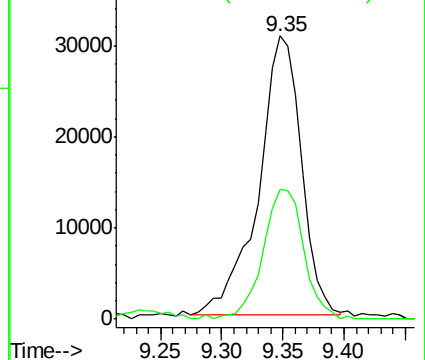
43 100

57 44.0 42.6 64.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.17 ppbv

RT: 4.69 min Scan# 263

Delta R.T. -0.00 min

Lab File: VL025767.D

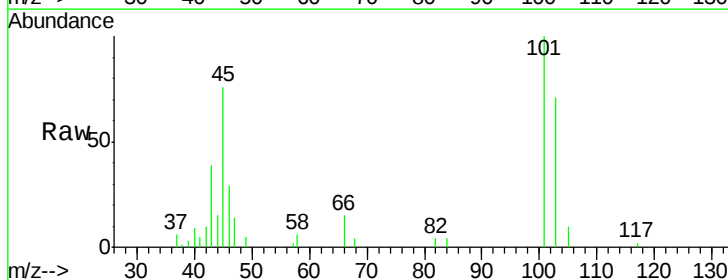
Acq: 28 Jul 2015 00:21

Tgt Ion: 101 Resp: 43953

Ion Ratio Lower Upper

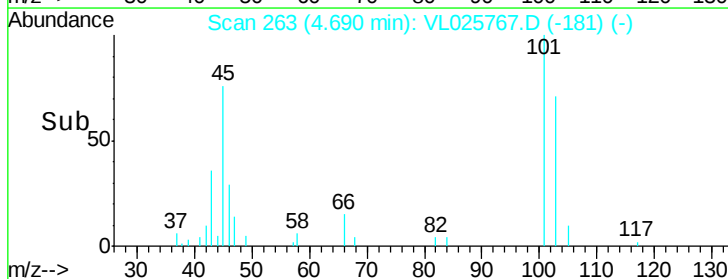
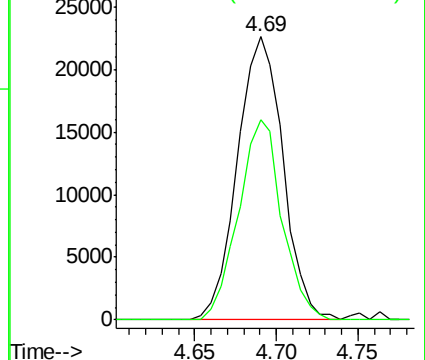
101 100

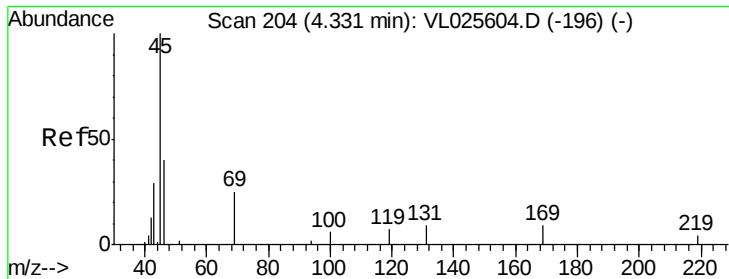
103 70.8 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#13

Ethanol

Concen: 259.03 ppbv

RT: 4.32 min Scan# 203

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

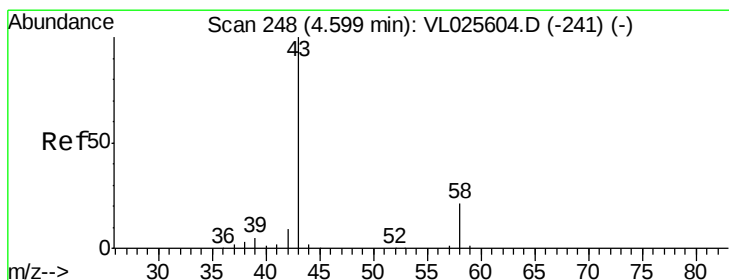
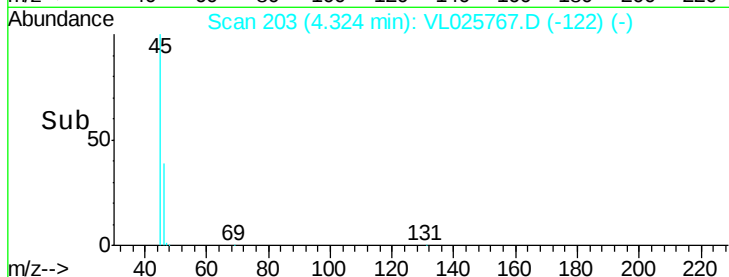
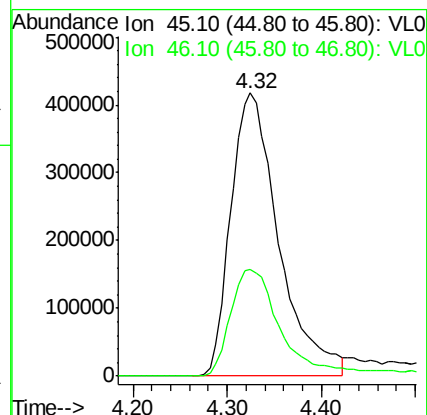
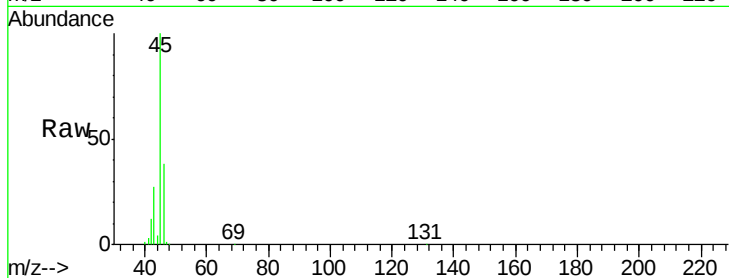
SV-1

Tgt Ion: 45 Resp: 1481312

Ion Ratio Lower Upper

45 100

46 41.9 16.0 64.0



#15

Acetone

Concen: 11.42 ppbv

RT: 4.59 min Scan# 247

Delta R.T. -0.01 min

Lab File: VL025767.D

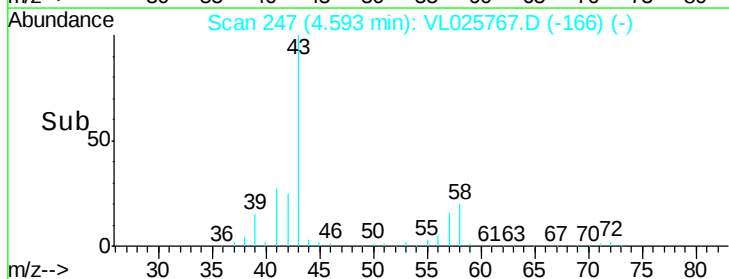
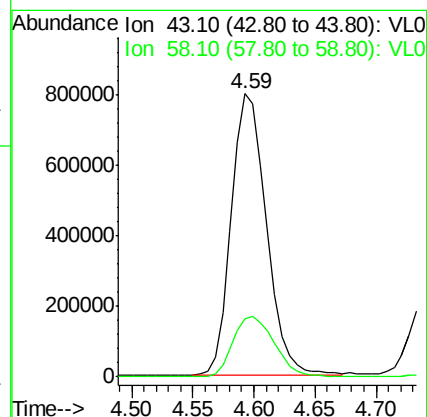
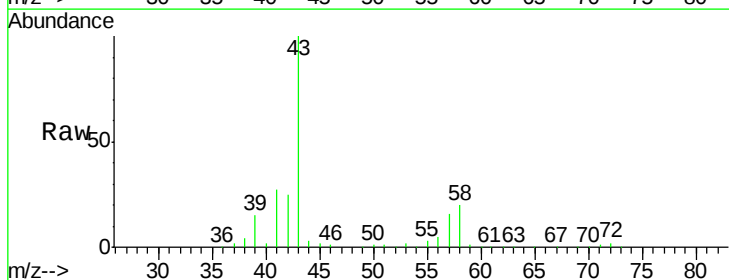
Acq: 28 Jul 2015 00:21

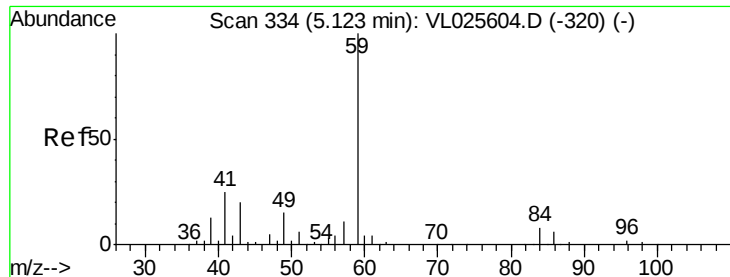
Tgt Ion: 43 Resp: 1584833

Ion Ratio Lower Upper

43 100

58 25.4 17.2 25.8



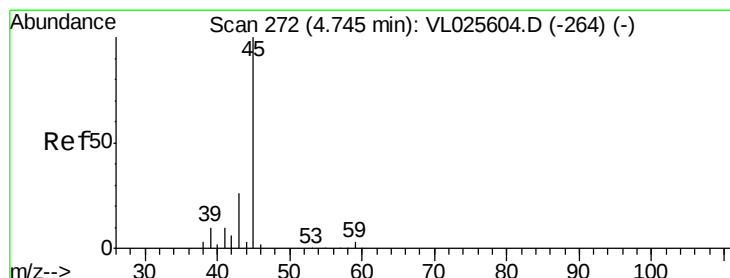
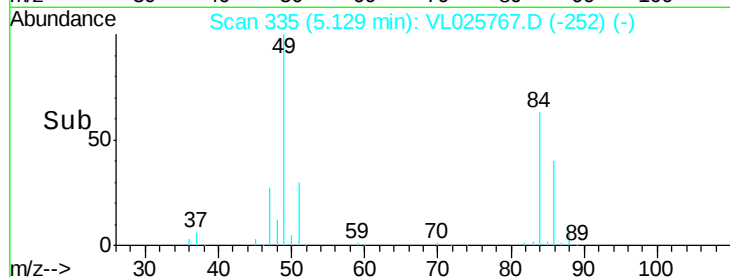
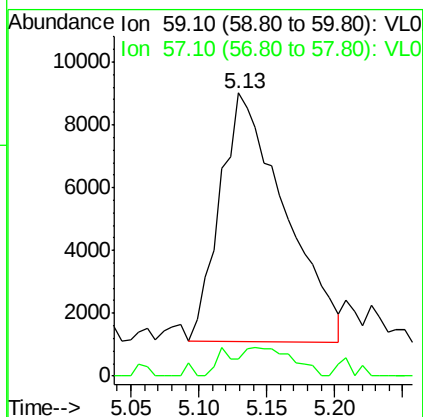
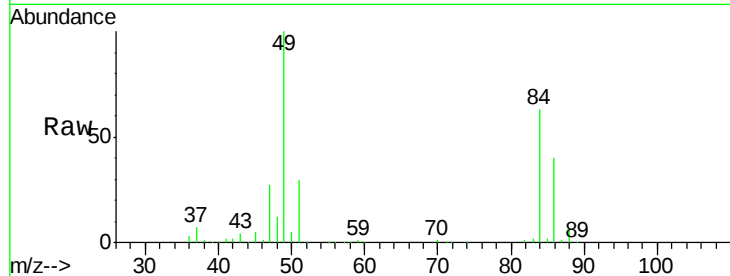


#17

tert-Butyl alcohol
 Concen: 0.23 ppbv
 RT: 5.13 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VL025767.D
 Acq: 28 Jul 2015 00:21

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

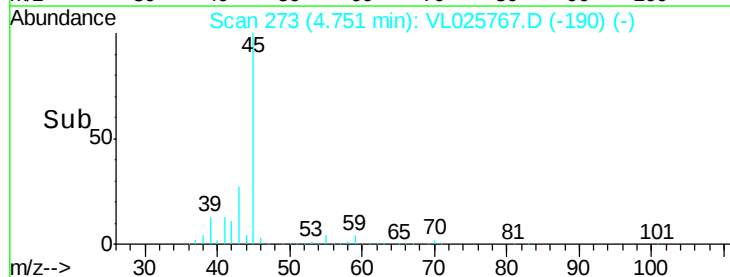
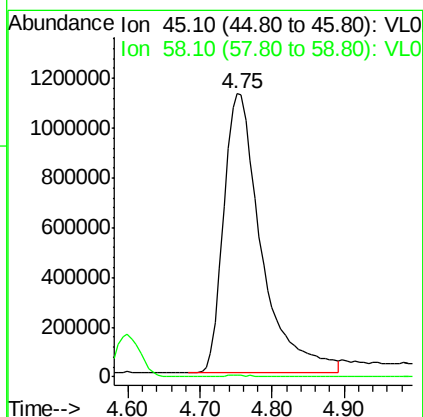
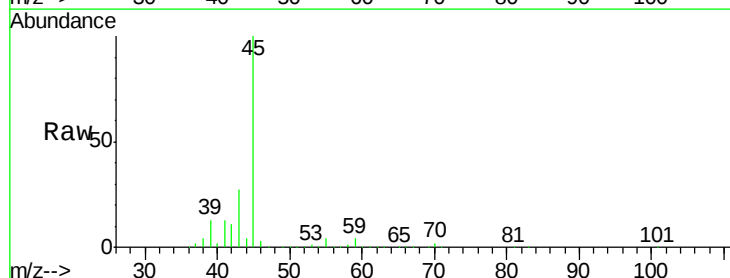
Tgt Ion: 59 Resp: 26210
 Ion Ratio Lower Upper
 59 100
 57 15.0 9.4 14.2#

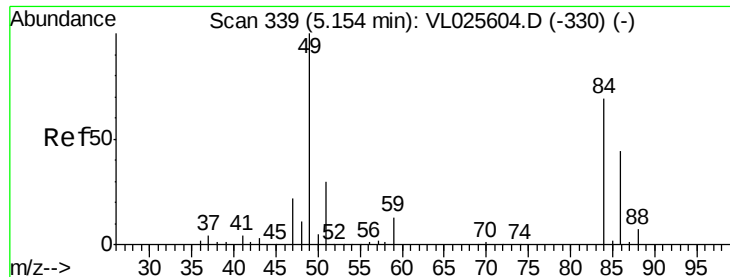


#19

Isopropyl Alcohol
 Concen: 73.80 ppbv
 RT: 4.75 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VL025767.D
 Acq: 28 Jul 2015 00:21

Tgt Ion: 45 Resp: 4088144
 Ion Ratio Lower Upper
 45 100
 58 0.5 1.1 1.7#



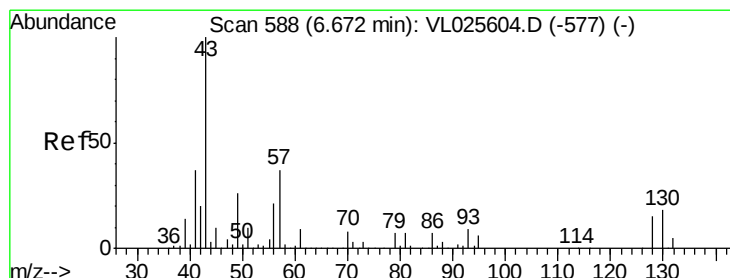
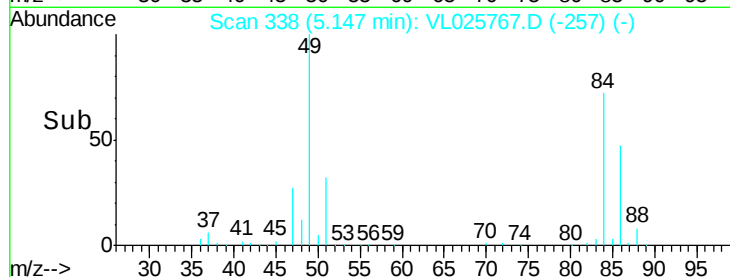
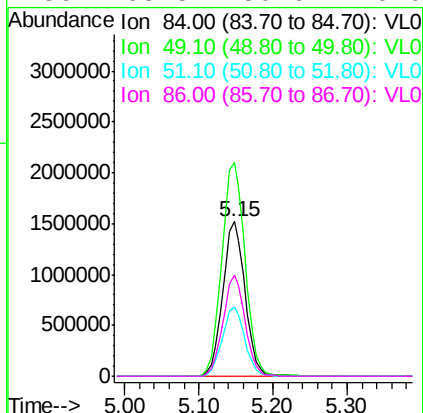
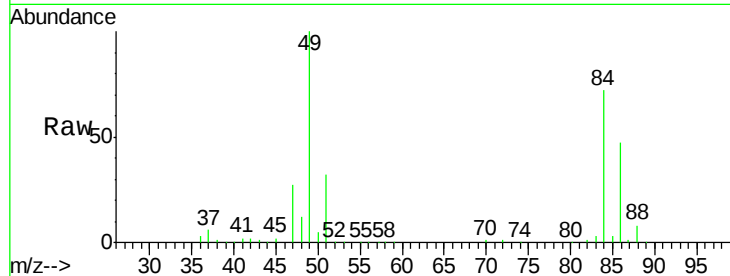


#20
Methylene Chloride
Concen: 56.10 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Instrument :
MSVOA_L
ClientSampleId :
SV-1

Tgt Ion: 84 Resp: 3163230

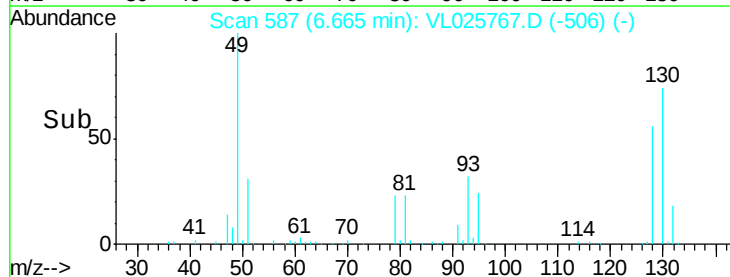
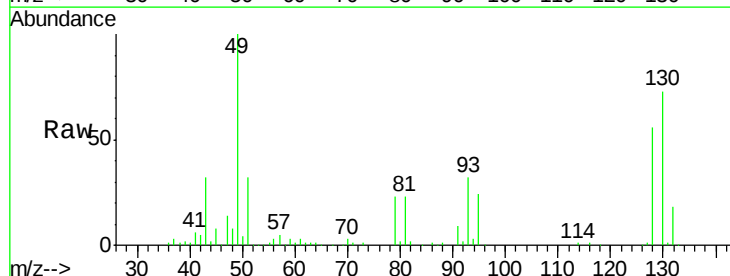
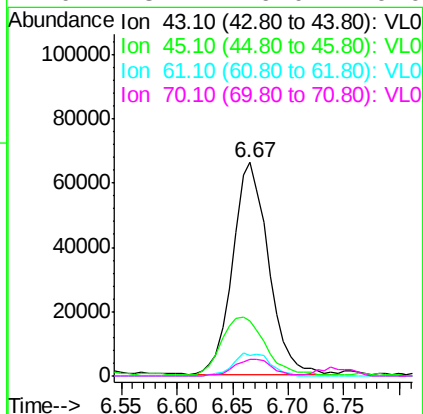
Ion	Ratio	Lower	Upper
84	100		
49	138.2	115.2	172.8
51	44.8	35.0	52.6
86	65.5	50.6	76.0

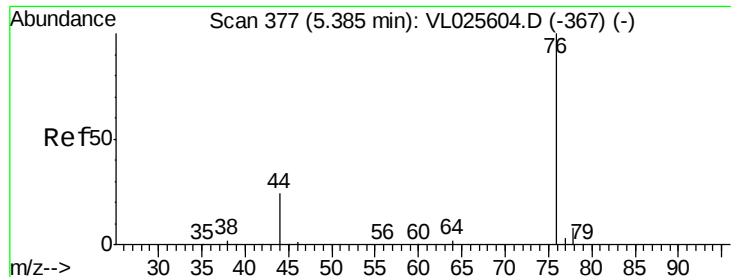


#25
Ethyl Acetate
Concen: 0.70 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Tgt Ion: 43 Resp: 147036

Ion	Ratio	Lower	Upper
43	100		
45	36.7	7.5	11.3#
61	10.9	6.6	10.0#
70	8.7	6.0	9.0





#27

Carbon Disulfide

Concen: 0.63 ppbv

RT: 5.39 min Scan# 377

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

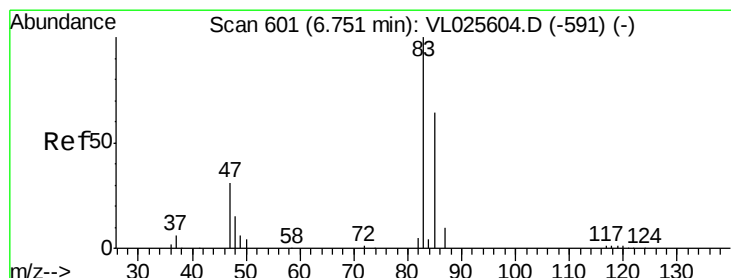
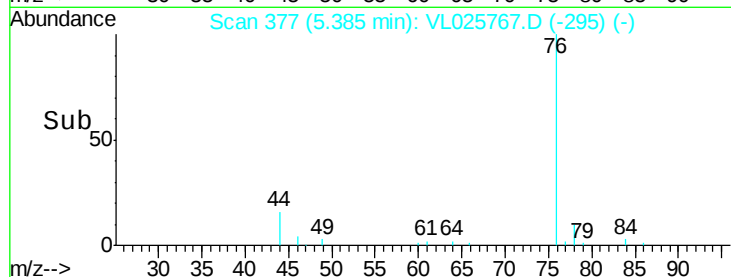
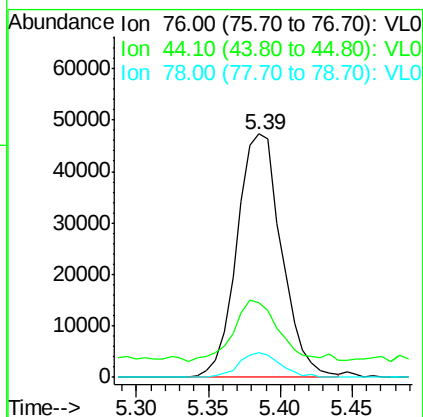
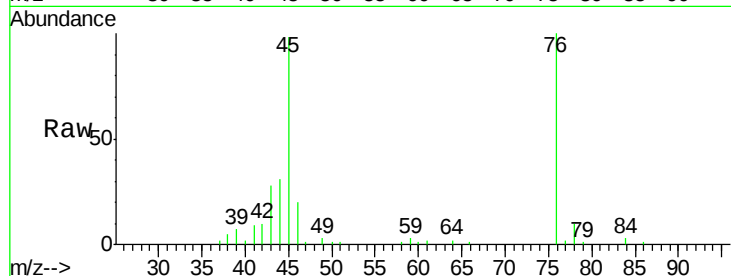
Tgt Ion: 76 Resp: 101431

Ion Ratio Lower Upper

76 100

44 26.7 20.2 30.4

78 9.4 7.4 11.2



#29

Chloroform

Concen: 2.38 ppbv

RT: 6.74 min Scan# 600

Delta R.T. -0.01 min

Lab File: VL025767.D

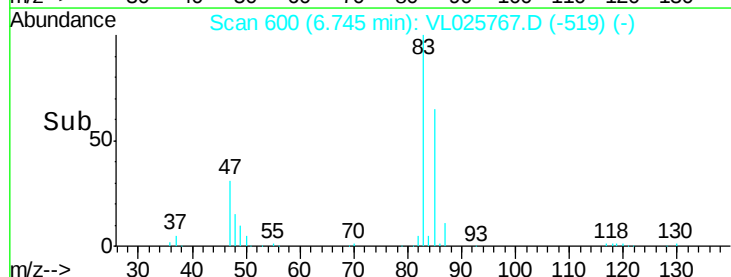
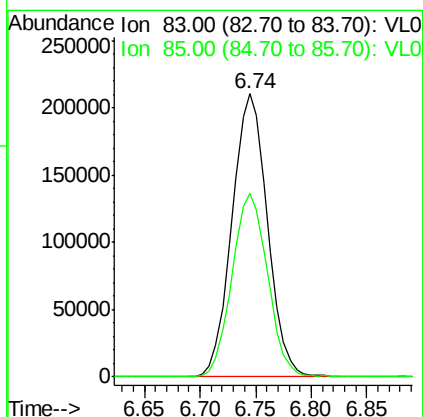
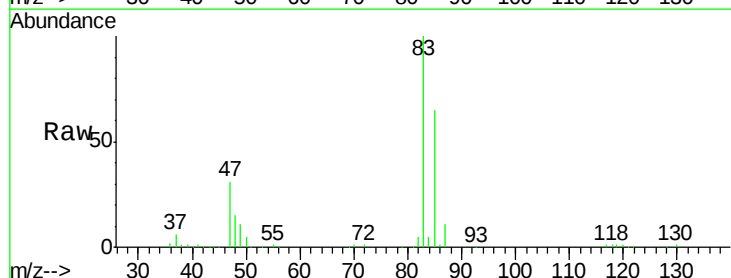
Acq: 28 Jul 2015 00:21

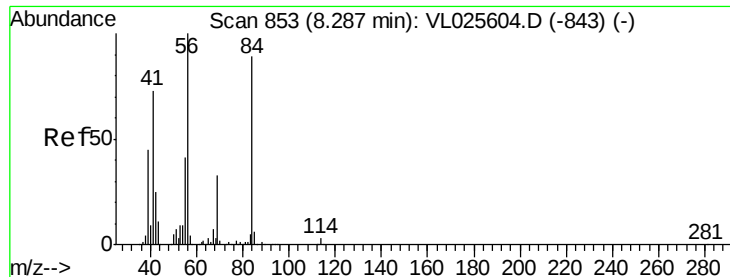
Tgt Ion: 83 Resp: 464974

Ion Ratio Lower Upper

83 100

85 64.9 51.6 77.4

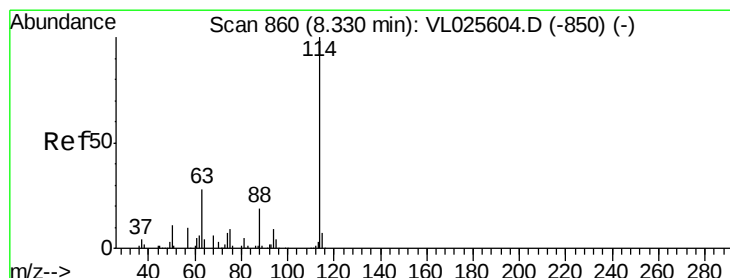
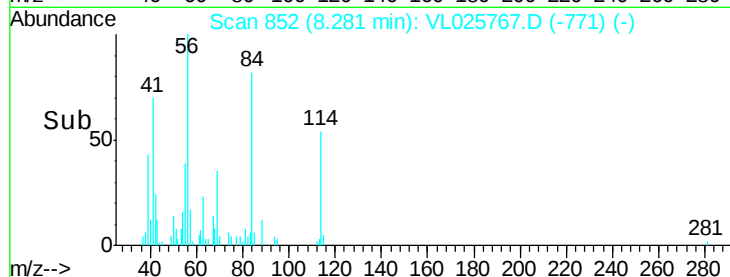
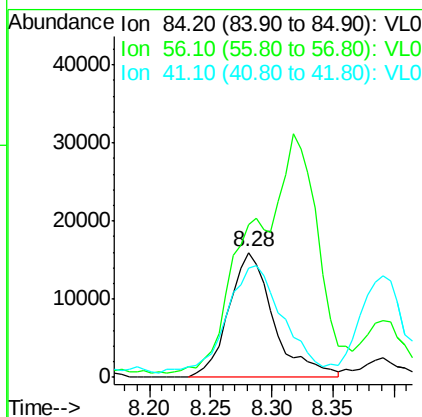
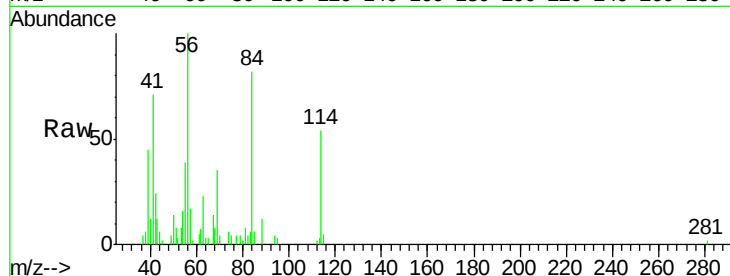




#30
Cyclohexane
Concen: 0.43 ppbv
RT: 8.28 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

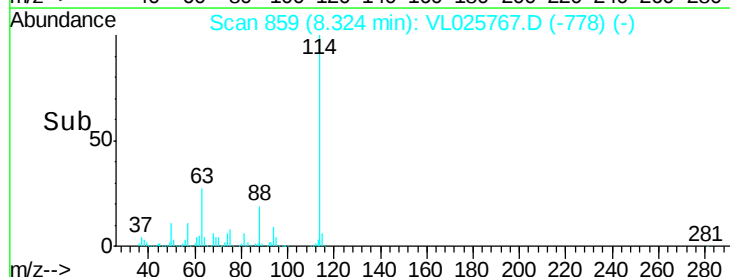
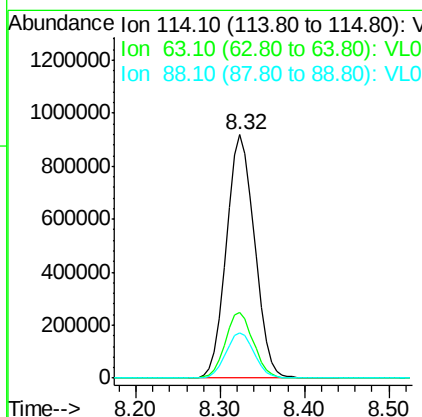
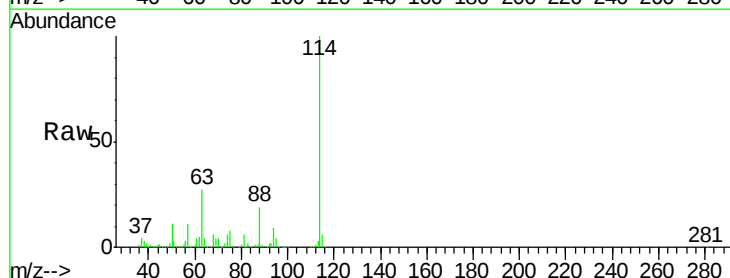
Instrument :
MSVOA_L
ClientSampleId :
SV-1

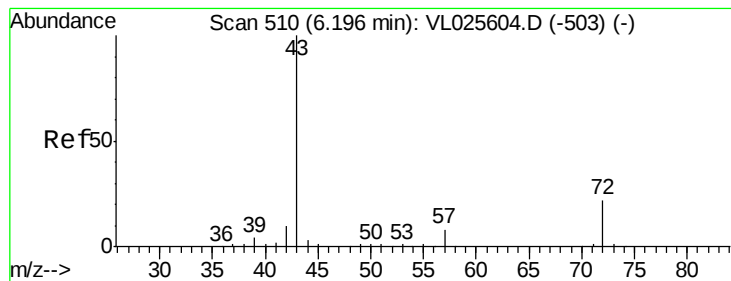
Tgt Ion: 84 Resp: 40763
Ion Ratio Lower Upper
84 100
56 325.3 97.5 146.3#
41 105.6 65.4 98.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Tgt Ion: 114 Resp: 2092582
Ion Ratio Lower Upper
114 100
63 26.9 22.4 33.6
88 18.7 15.0 22.4





#34

2-Butanone

Concen: 11.18 ppbv

RT: 6.19 min Scan# 509

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

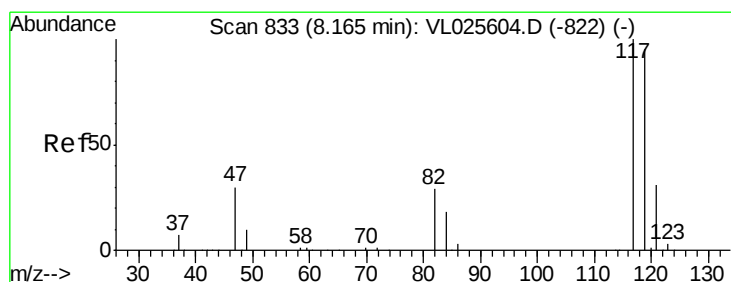
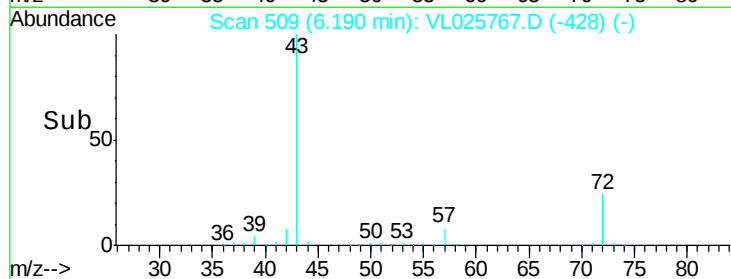
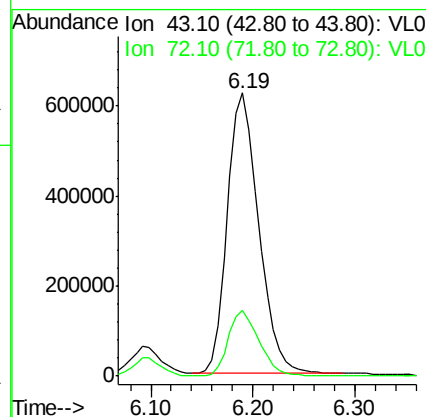
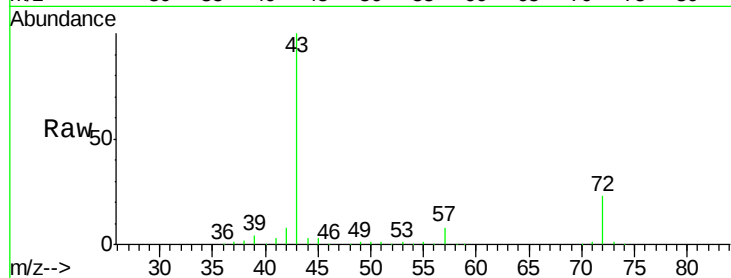
SV-1

Tgt Ion: 43 Resp: 1327579

Ion Ratio Lower Upper

43 100

72 23.5 18.6 28.0



#35

Carbon Tetrachloride

Concen: 0.06 ppbv

RT: 8.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

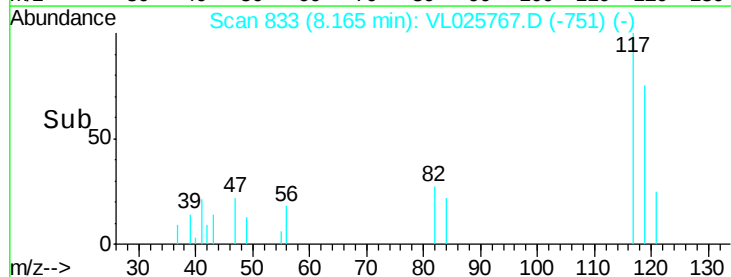
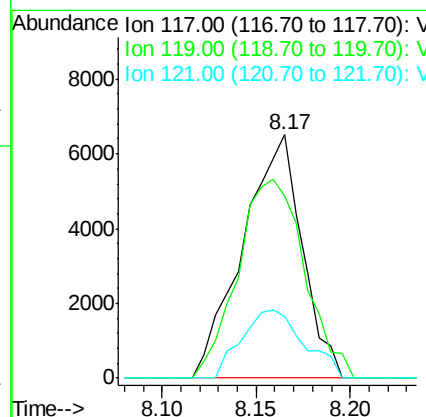
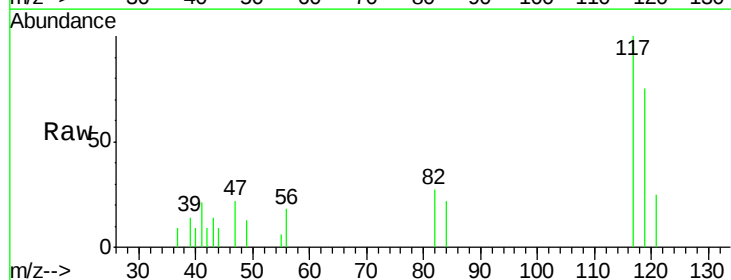
Tgt Ion: 117 Resp: 14201

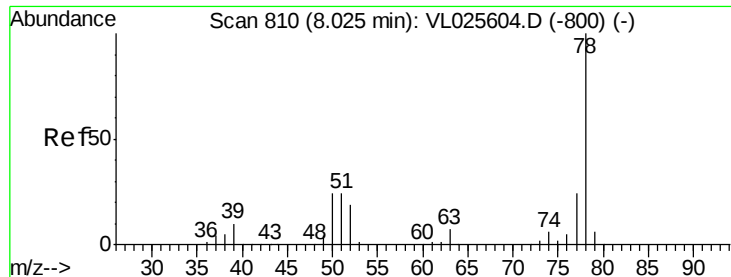
Ion Ratio Lower Upper

117 100

119 75.1 75.9 113.9#

121 25.5 24.4 36.6





#36

Benzene

Concen: 0.24 ppbv

RT: 8.02 min Scan# 809

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

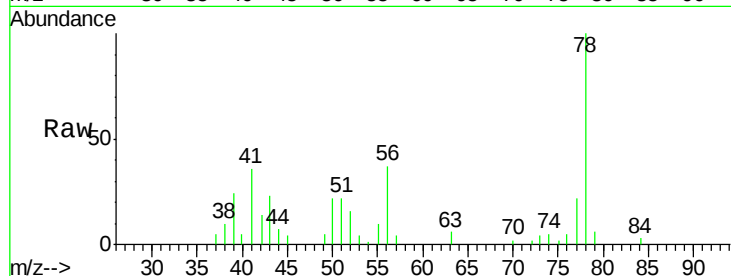
Tgt Ion: 78 Resp: 48946

Ion Ratio Lower Upper

78 100

77 21.9 19.0 28.4

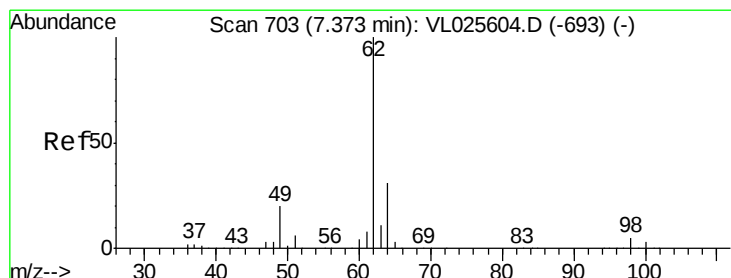
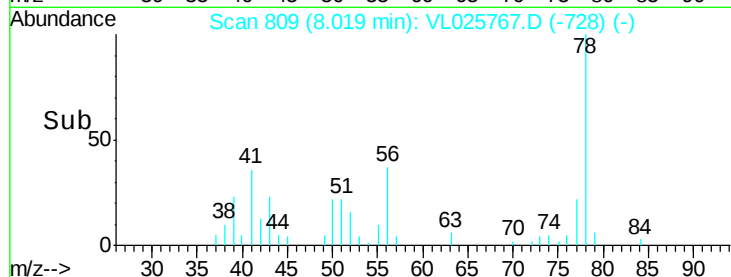
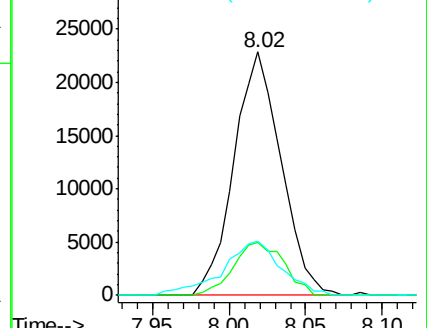
50 22.5 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 0.18 ppbv

RT: 7.37 min Scan# 702

Delta R.T. -0.01 min

Lab File: VL025767.D

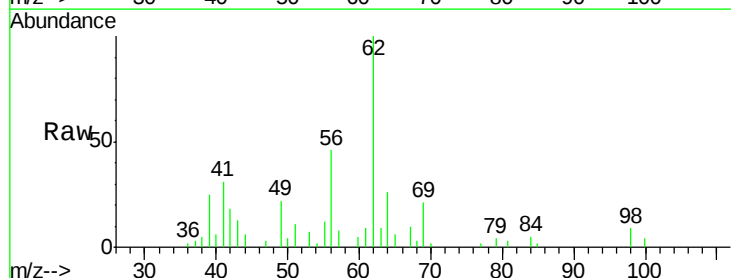
Acq: 28 Jul 2015 00:21

Tgt Ion: 62 Resp: 30305

Ion Ratio Lower Upper

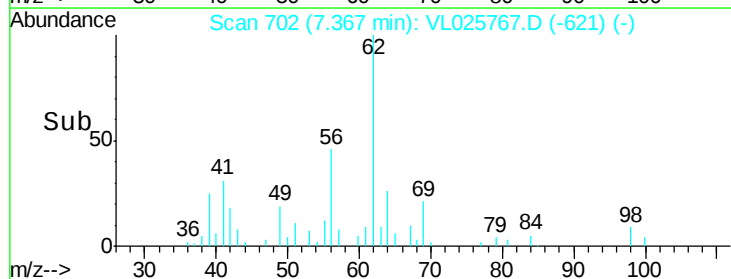
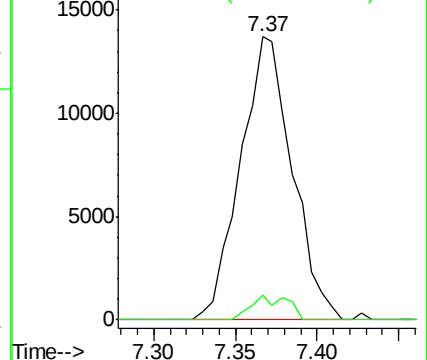
62 100

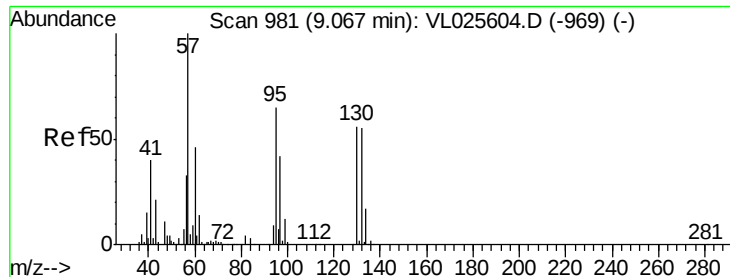
98 6.0 4.1 6.1



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 0.54 ppbv

RT: 9.06 min Scan# 980

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tgt Ion:130 Resp: 49966

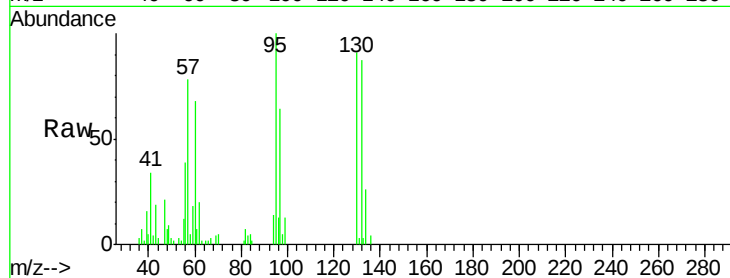
Ion Ratio Lower Upper

130 100

95 105.7 94.2 141.4

132 93.4 78.6 118.0

97 68.2 60.6 90.8

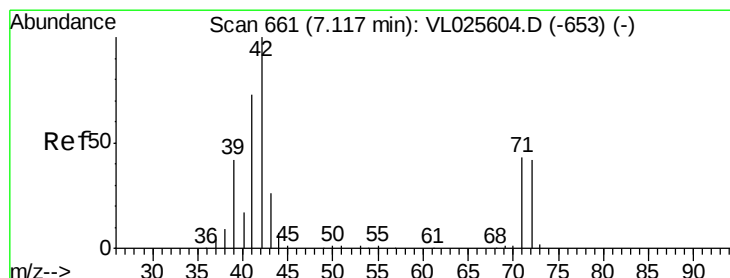
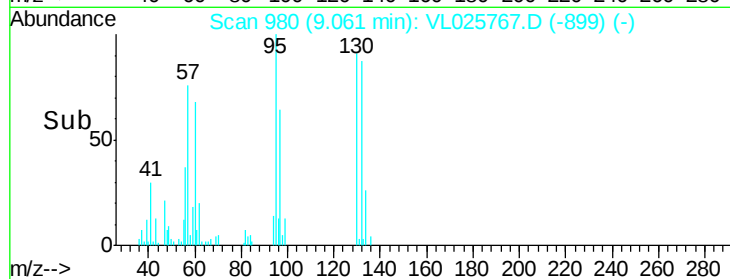
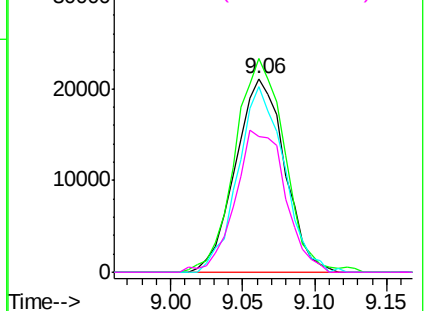


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#41

Tetrahydrofuran

Concen: 0.35 ppbv

RT: 7.13 min Scan# 663

Delta R.T. 0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

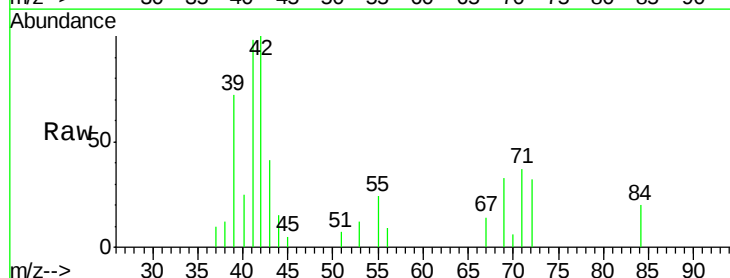
Tgt Ion: 42 Resp: 21030

Ion Ratio Lower Upper

42 100

72 28.0 34.0 51.0#

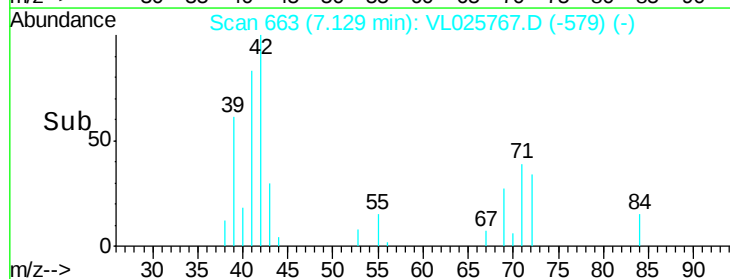
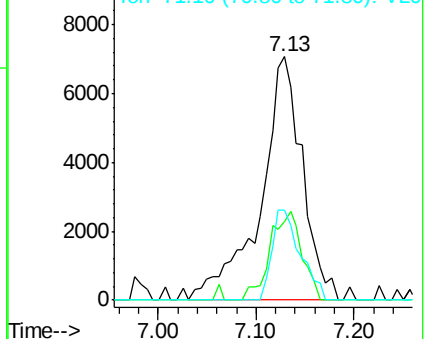
71 25.2 33.0 49.6#

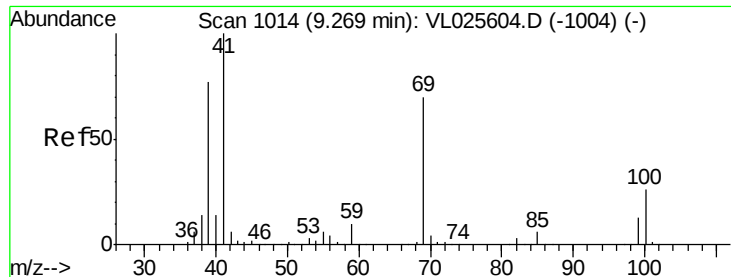


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

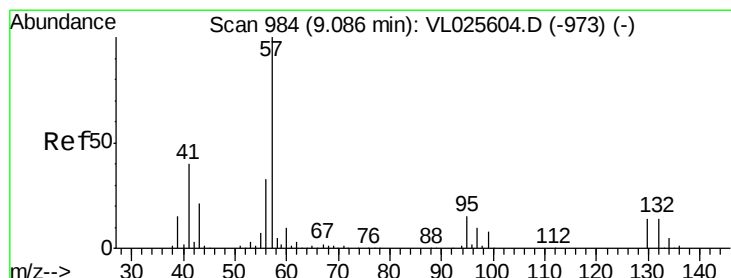
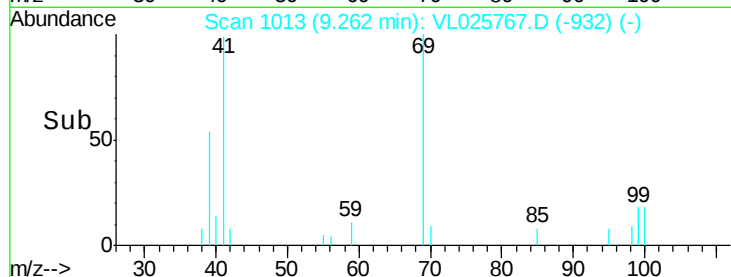
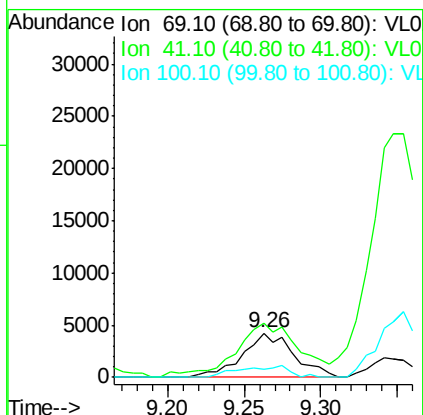
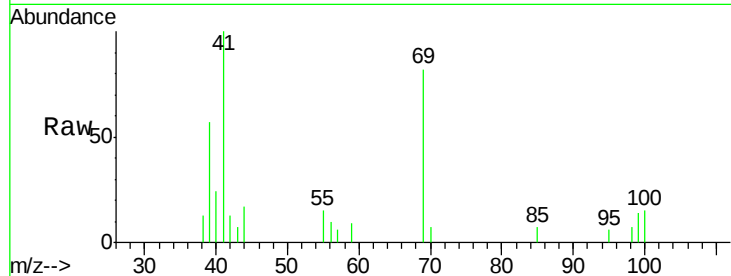




#43
Methyl Methacrylate
Concen: 0.13 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

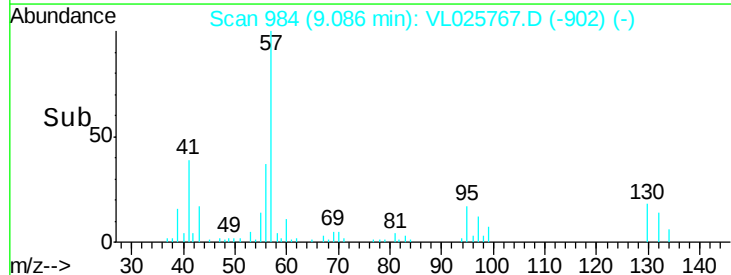
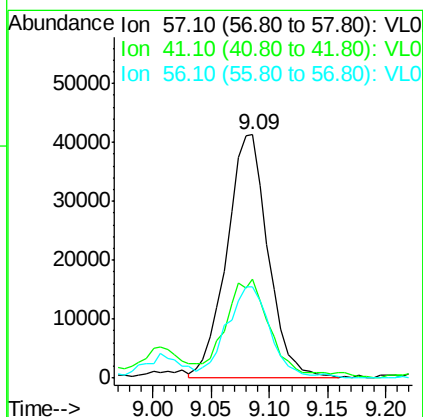
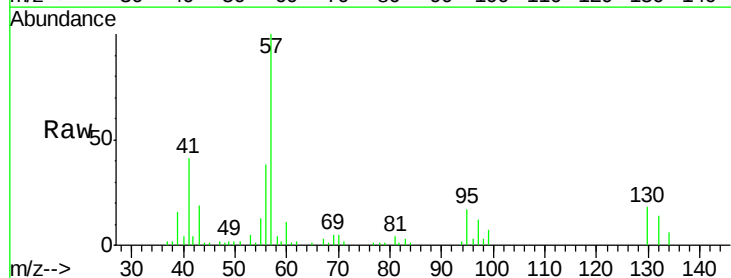
Instrument :
MSVOA_L
ClientSampleId :
SV-1

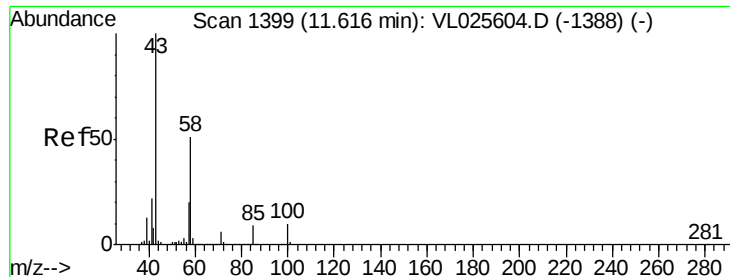
Tgt Ion: 69 Resp: 9906
Ion Ratio Lower Upper
69 100
41 132.5 117.3 175.9
100 25.8 29.0 43.6#



#44
2,2,4-Trimethylpentane
Concen: 0.30 ppbv
RT: 9.09 min Scan# 984
Delta R.T. -0.00 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Tgt Ion: 57 Resp: 102471
Ion Ratio Lower Upper
57 100
41 59.3 31.2 46.8#
56 48.9 25.4 38.2#





#51

2-Hexanone

Concen: 0.82 ppbv

RT: 11.62 min Scan# 1400

Delta R.T. 0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

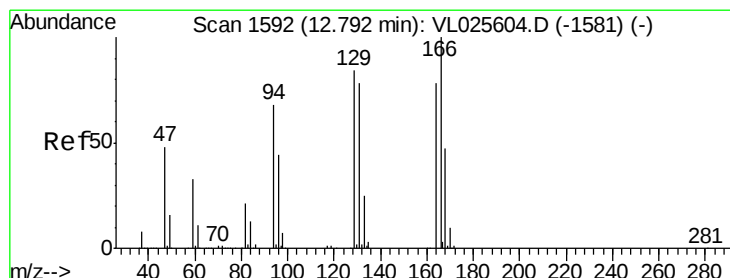
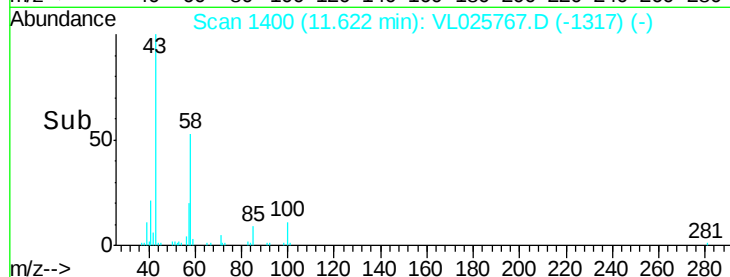
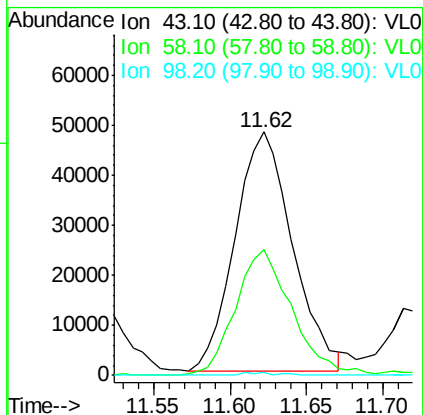
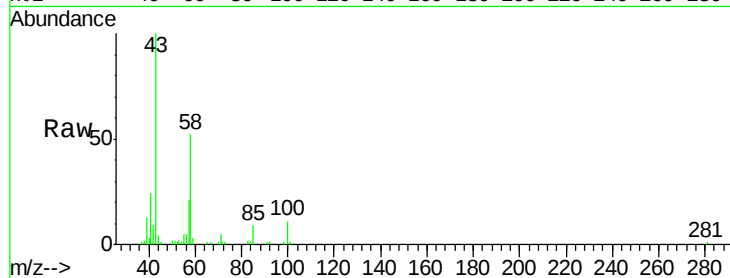
Tgt Ion: 43 Resp: 125354

Ion Ratio Lower Upper

43 100

58 52.9 39.0 58.6

98 0.7 0.2 0.4#



#52

Tetrachloroethene

Concen: 4.38 ppbv

RT: 12.79 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Tgt Ion: 164 Resp: 440321

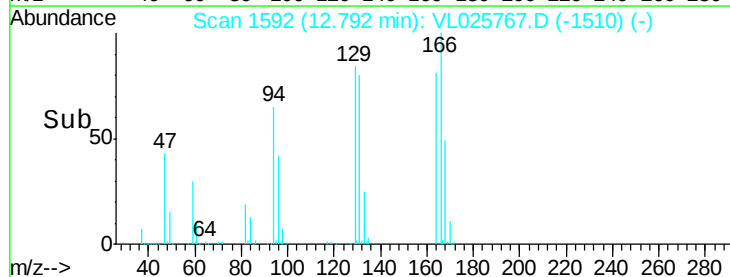
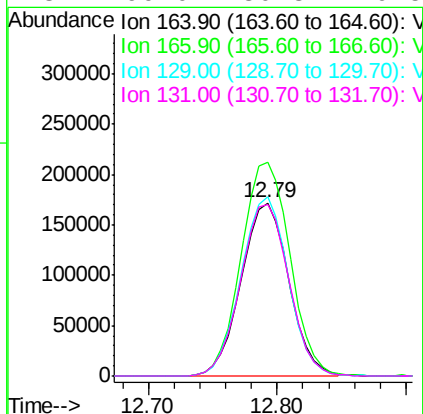
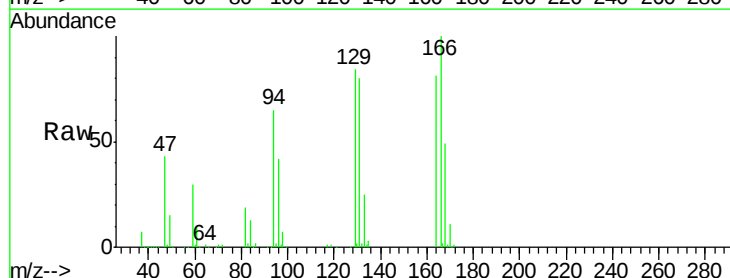
Ion Ratio Lower Upper

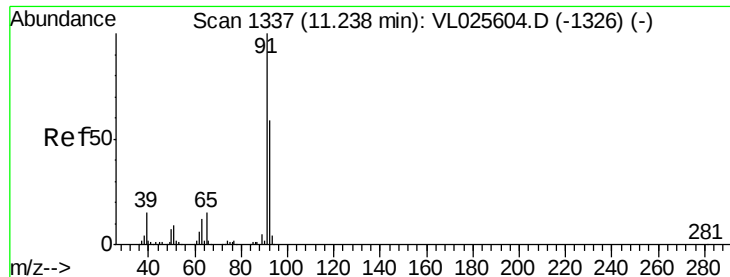
164 100

166 123.3 102.3 153.5

129 103.4 86.2 129.4

131 99.0 80.3 120.5





#53

Toluene

Concen: 12.26 ppbv

RT: 11.23 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

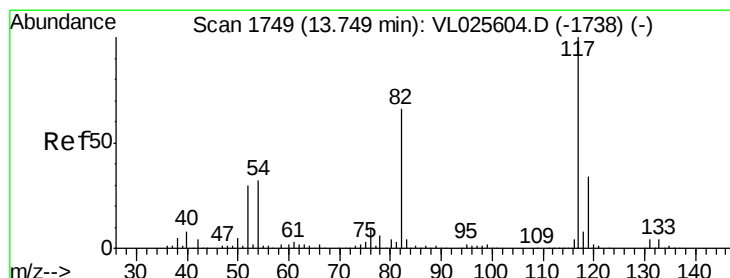
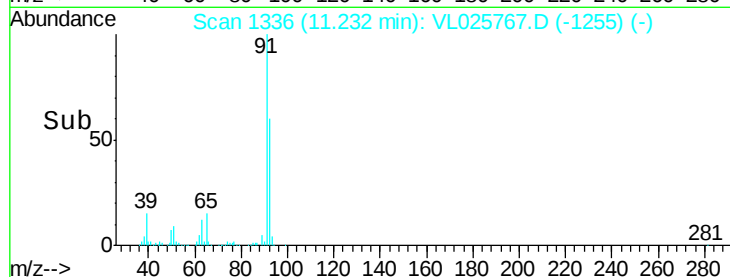
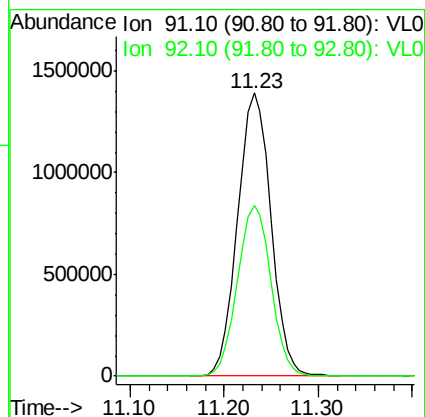
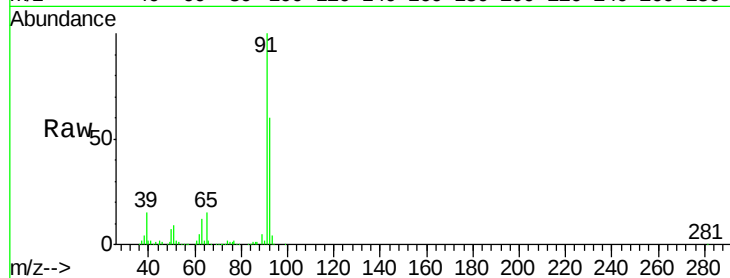
SV-1

Tgt Ion: 91 Resp: 3453288

Ion Ratio Lower Upper

91 100

92 60.7 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.74 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

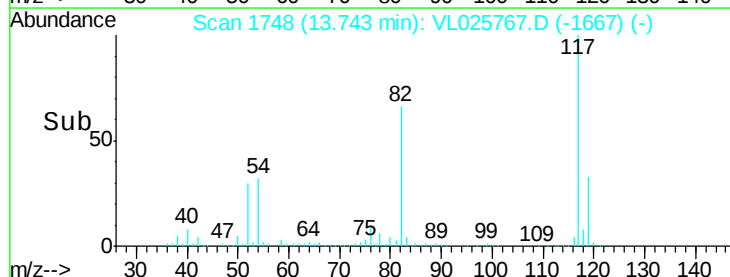
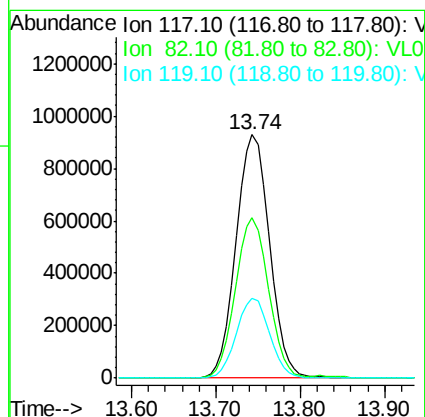
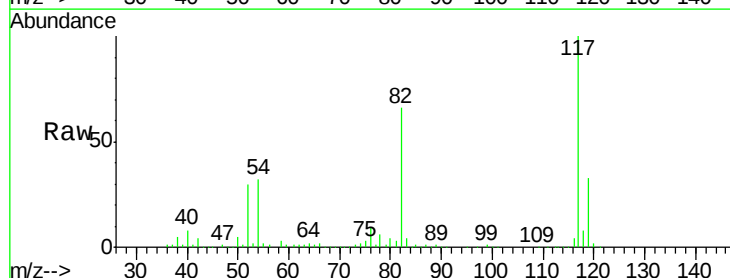
Tgt Ion: 117 Resp: 2510130

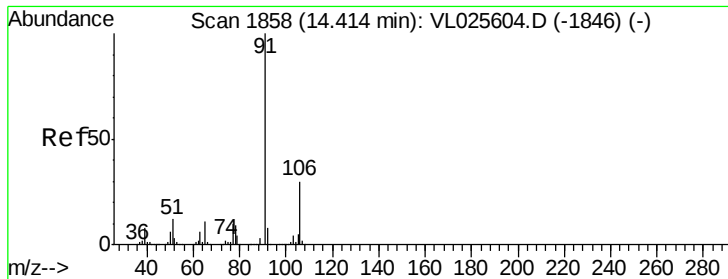
Ion Ratio Lower Upper

117 100

82 66.3 50.5 75.7

119 32.8 45.1 67.7#





#58

Ethyl Benzene

Concen: 9.91 ppbv

RT: 14.41 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampled :

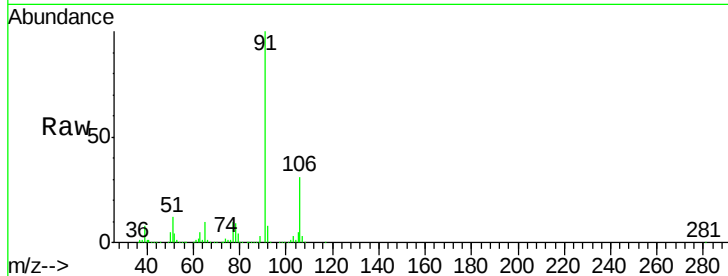
SV-1

Tgt Ion: 91 Resp: 4107098

Ion Ratio Lower Upper

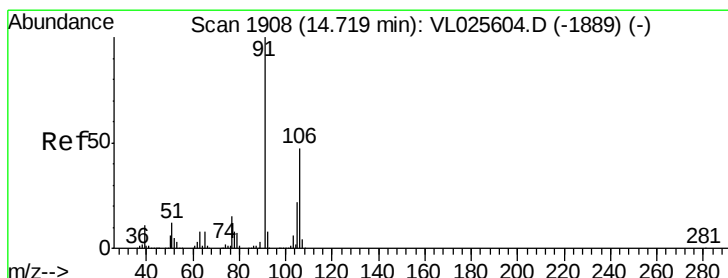
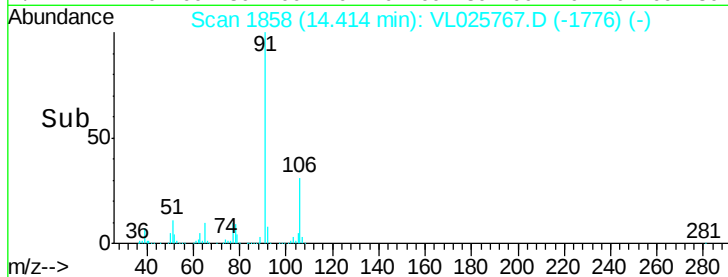
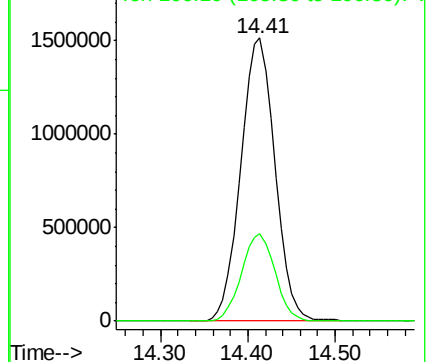
91 100

106 30.8 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 40.99 ppbv

RT: 14.69 min Scan# 1904

Delta R.T. -0.02 min

Lab File: VL025767.D

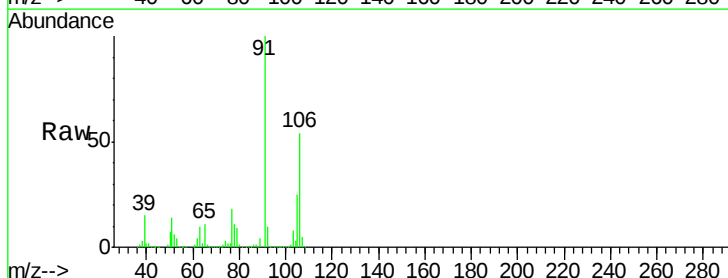
Acq: 28 Jul 2015 00:21

Tgt Ion: 91 Resp: 14935135

Ion Ratio Lower Upper

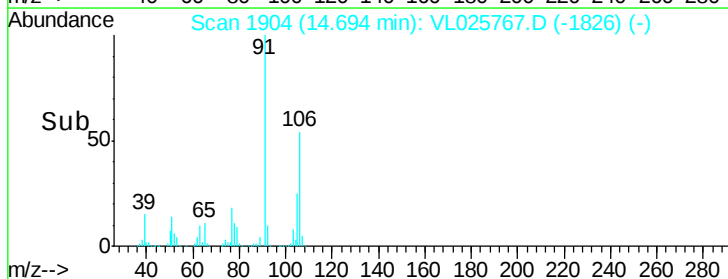
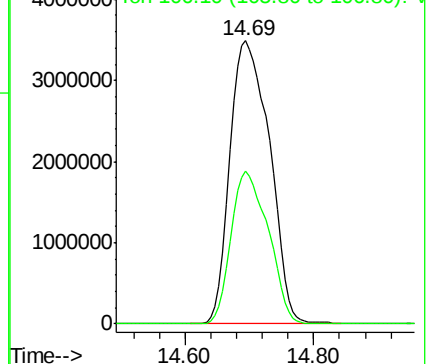
91 100

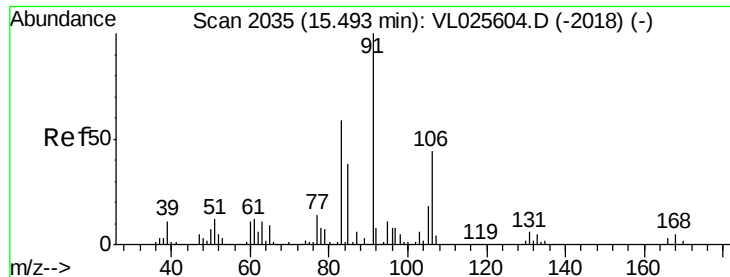
106 50.8 37.9 56.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

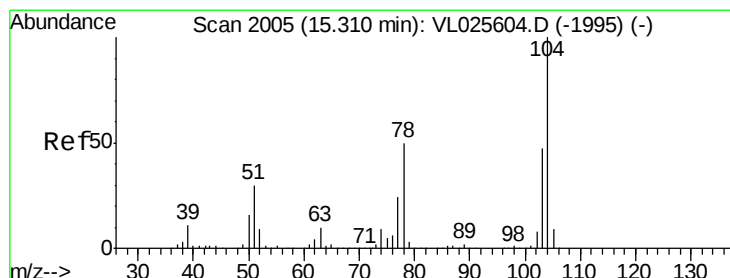
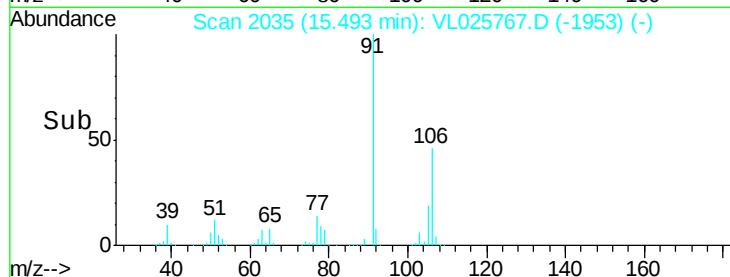
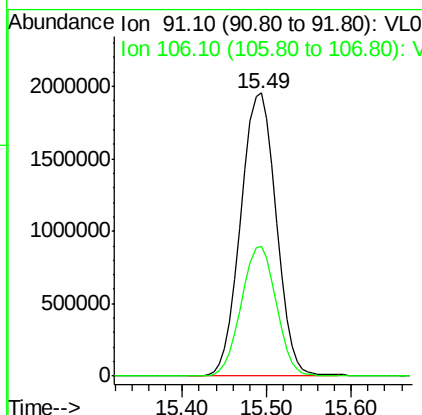
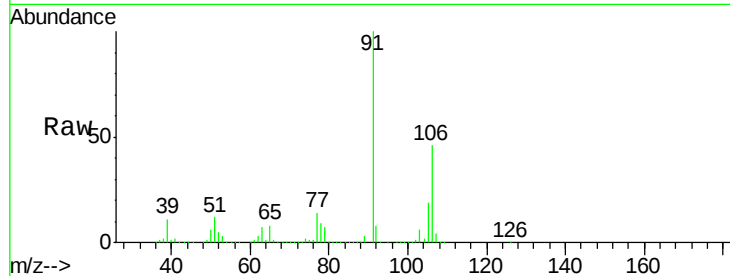




#60
o-Xylene
Concen: 14.26 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

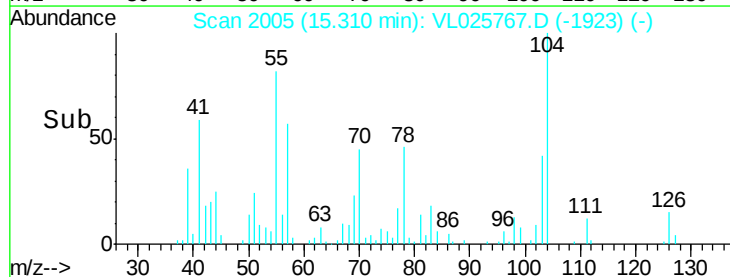
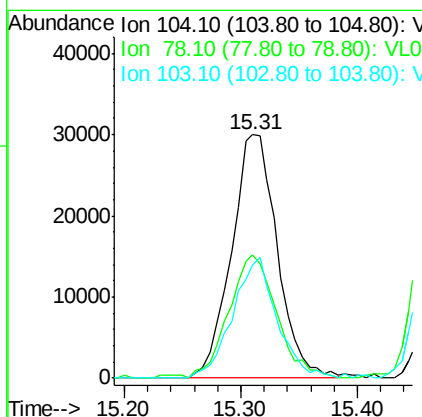
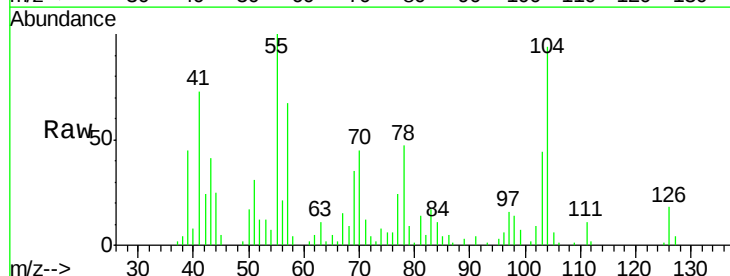
Instrument :
MSVOA_L
ClientSampleID :
SV-1

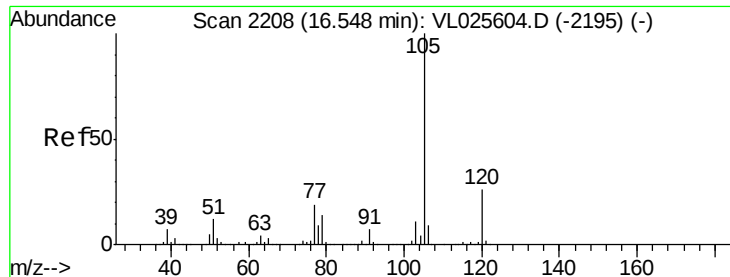
Tgt Ion: 91 Resp: 5592875
Ion Ratio Lower Upper
91 100
106 45.5 22.1 66.1



#61
Styrene
Concen: 0.60 ppbv
RT: 15.31 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Tgt Ion: 104 Resp: 82005
Ion Ratio Lower Upper
104 100
78 53.4 40.2 60.4
103 48.3 37.4 56.2





#62

Isopropylbenzene

Concen: 0.18 ppbv

RT: 16.55 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

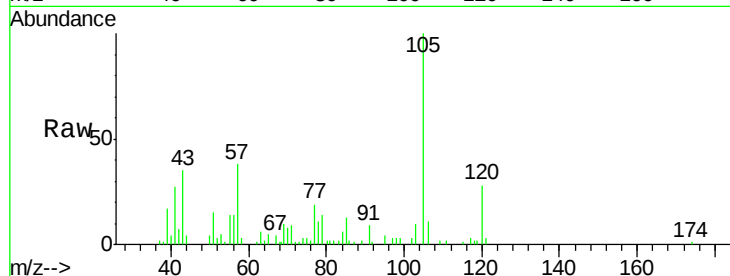
SV-1

Tgt Ion:105 Resp: 90890

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.55

30000

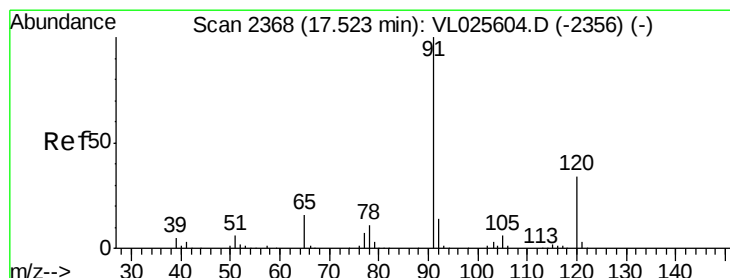
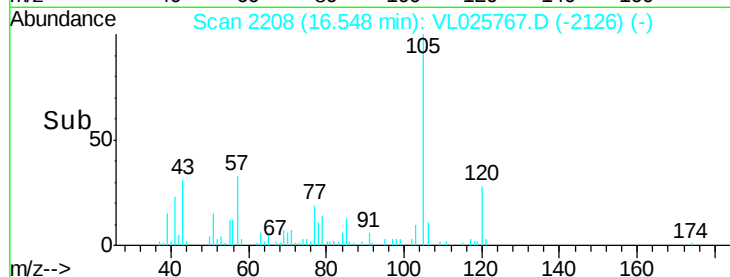
20000

10000

0

16.50 16.60

Time-->



#64

n-propylbenzene

Concen: 0.25 ppbv

RT: 17.52 min Scan# 2367

Delta R.T. -0.01 min

Lab File: VL025767.D

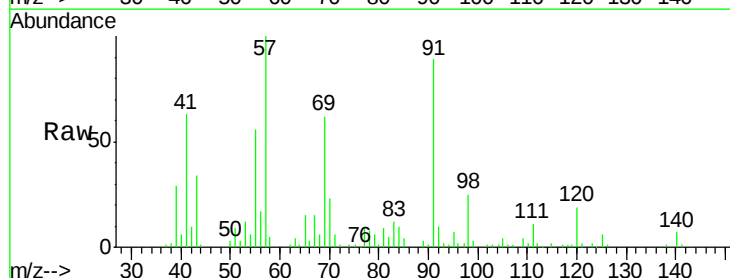
Acq: 28 Jul 2015 00:21

Tgt Ion:120 Resp: 34253

Ion Ratio Lower Upper

120 100

91 494.5 370.5 555.7



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

17.52

60000

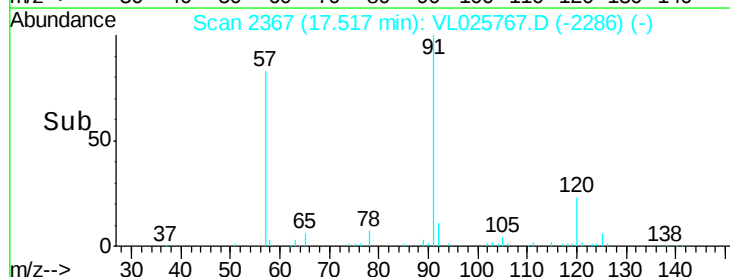
40000

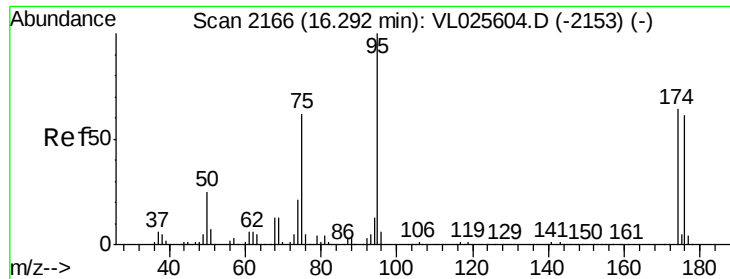
20000

0

17.50 17.60

Time-->

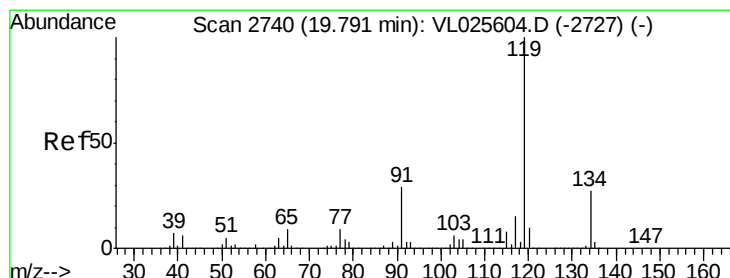
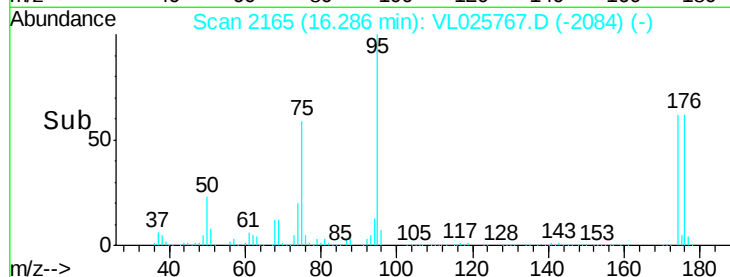
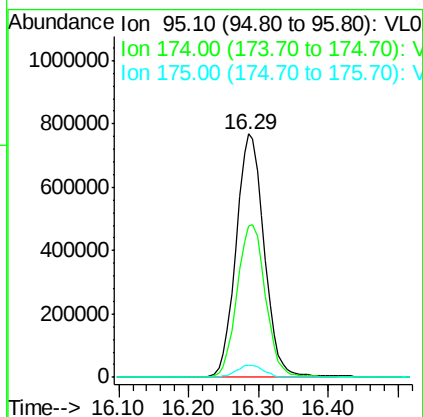
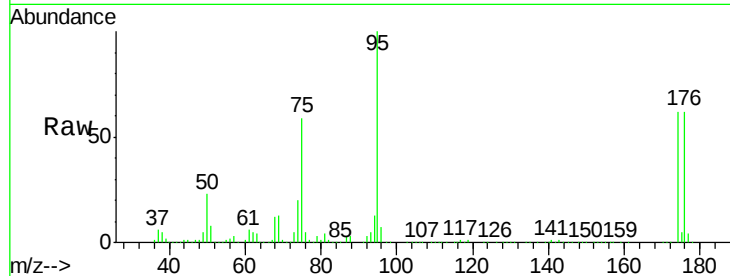




#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

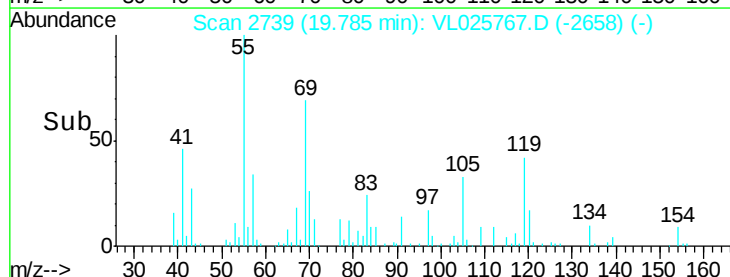
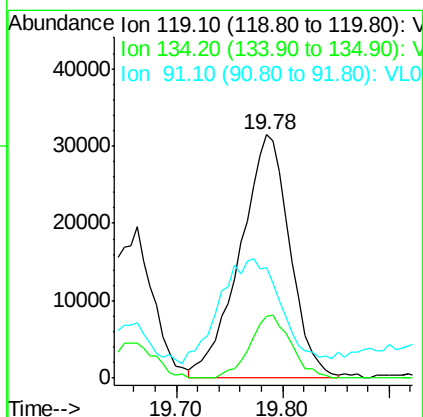
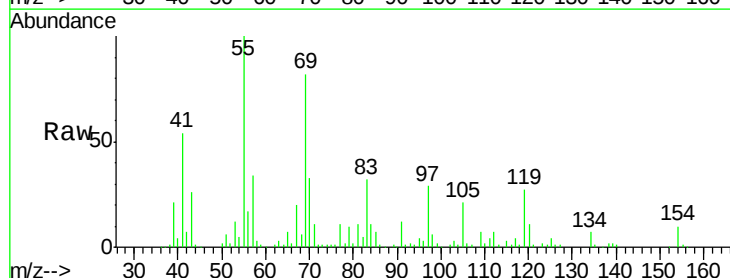
Instrument :
MSVOA_L
ClientSampled :
SV-1

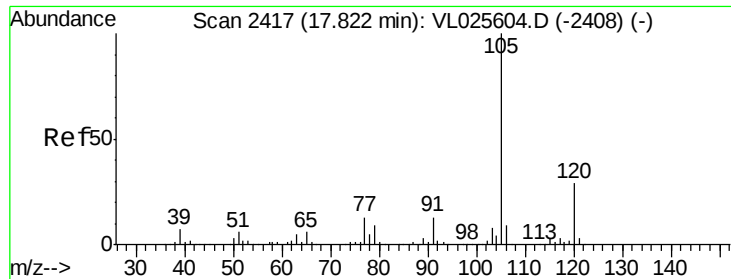
Tgt Ion: 95 Resp: 2142021
Ion Ratio Lower Upper
95 100
174 64.1 52.0 78.0
175 5.0 3.9 5.9



#69
p-Isopropyltoluene
Concen: 0.18 ppbv
RT: 19.78 min Scan# 2739
Delta R.T. -0.01 min
Lab File: VL025767.D
Acq: 28 Jul 2015 00:21

Tgt Ion: 119 Resp: 103000
Ion Ratio Lower Upper
119 100
134 21.1 20.7 31.1
91 51.8 22.6 34.0#





#72

4-Ethyltoluene

Concen: 0.45 ppbv

RT: 17.82 min Scan# 2417

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tgt Ion:105 Resp: 193983

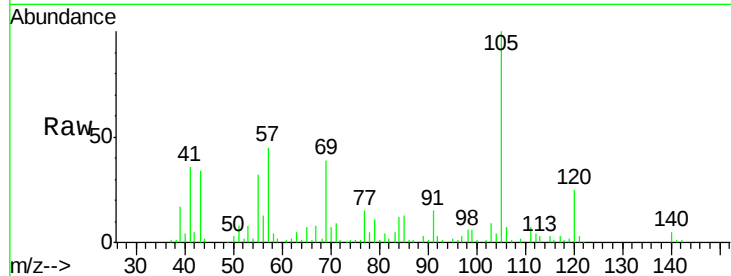
Ion Ratio Lower Upper

105 100

120 27.9 23.9 35.9

91 13.5 10.3 15.5

77 14.4 10.9 16.3

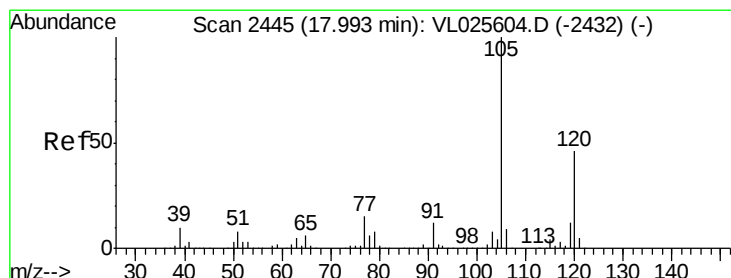
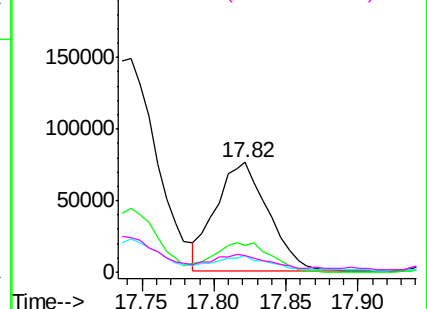
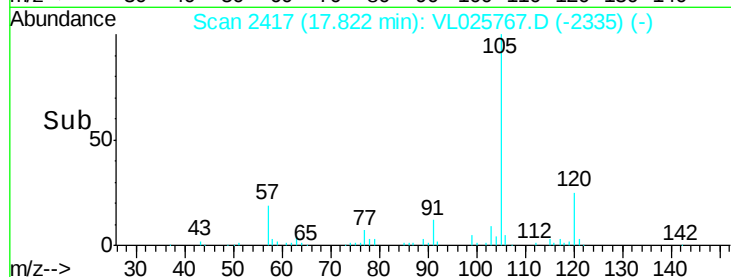


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.51 ppbv

RT: 17.99 min Scan# 2444

Delta R.T. -0.01 min

Lab File: VL025767.D

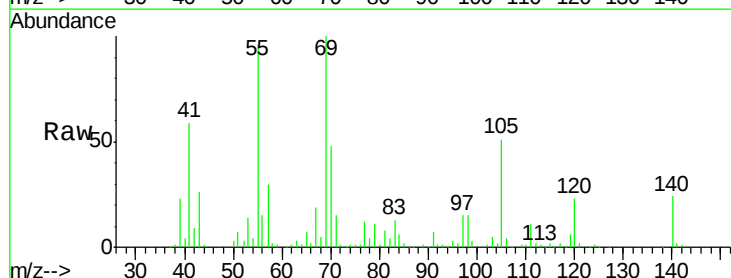
Acq: 28 Jul 2015 00:21

Tgt Ion:105 Resp: 215574

Ion Ratio Lower Upper

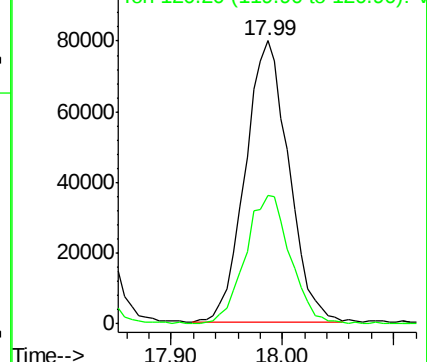
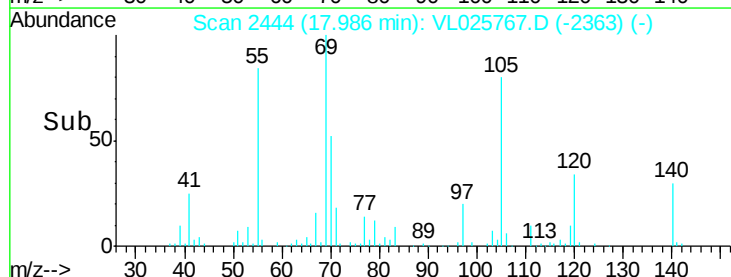
105 100

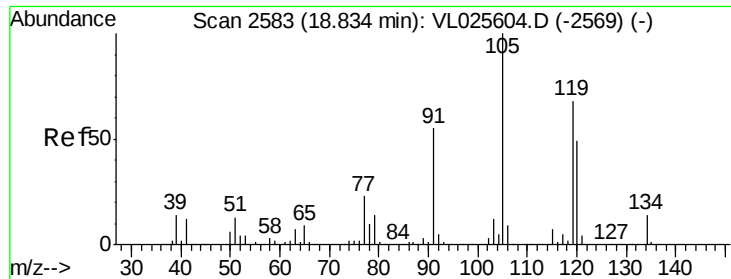
120 45.6 37.0 55.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 1.18 ppbv

RT: 18.83 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

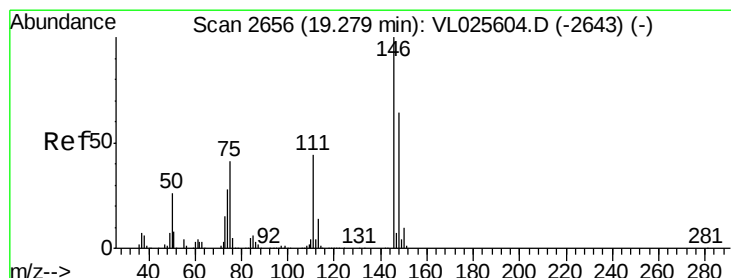
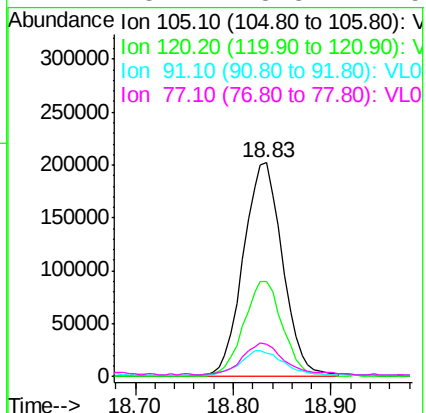
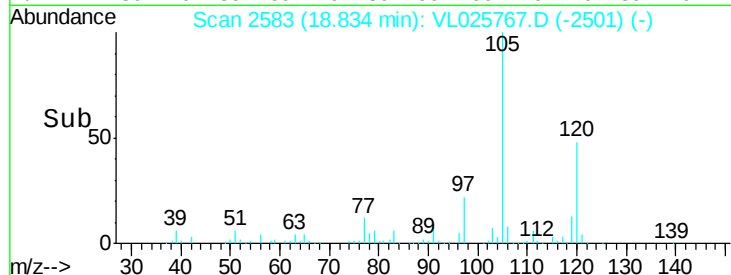
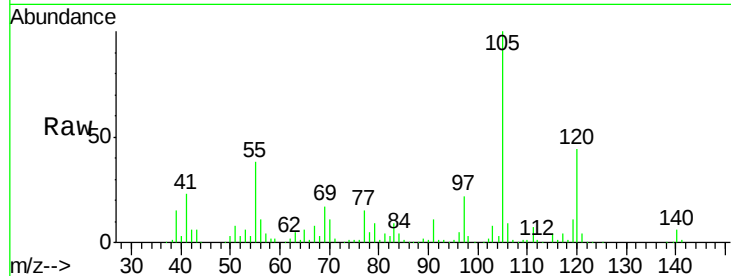
Instrument :

MSVOA_L

ClientSampleId :

SV-1

Tgt Ion:	105	Resp:	564289
Ion	Ratio	Lower	Upper
105	100		
120	44.1	39.3	58.9
91	10.4	43.8	65.6#
77	13.7	18.3	27.5#



#76

1,4-Dichlorobenzene

Concen: 0.40 ppbv

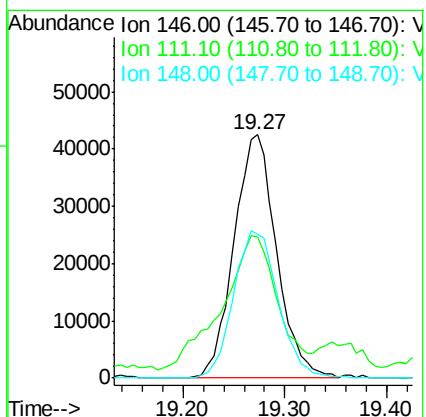
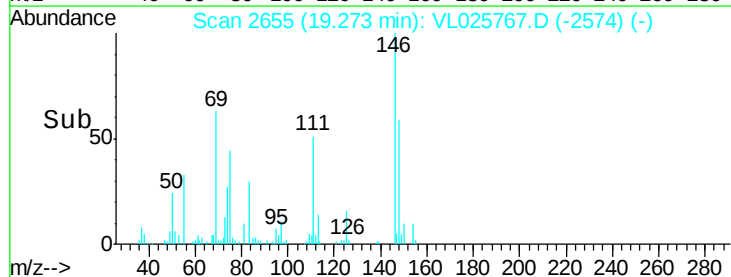
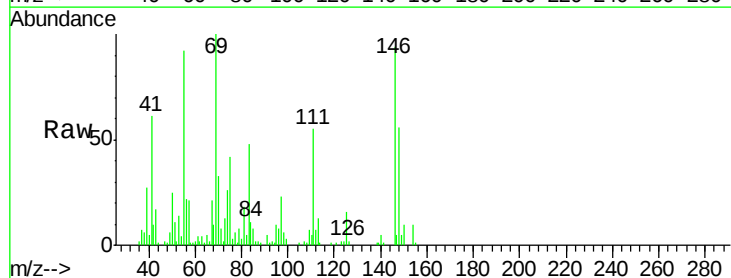
RT: 19.27 min Scan# 2655

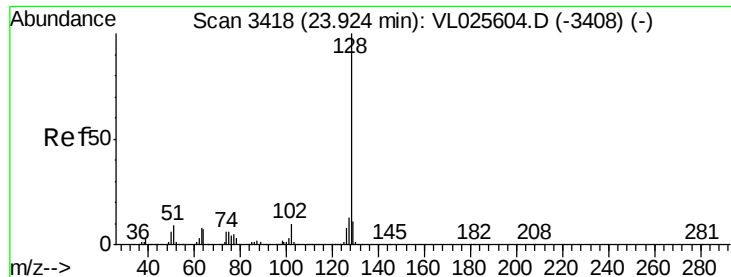
Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Tgt Ion:	146	Resp:	123103
Ion	Ratio	Lower	Upper
146	100		
111	91.9	22.1	66.1#
148	63.6	31.9	95.9





#79

Naphthalene

Concen: 0.18 ppbv

RT: 23.92 min Scan# 3418

Delta R.T. -0.00 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

Instrument :

MSVOA_L

ClientSampleId :

SV-1

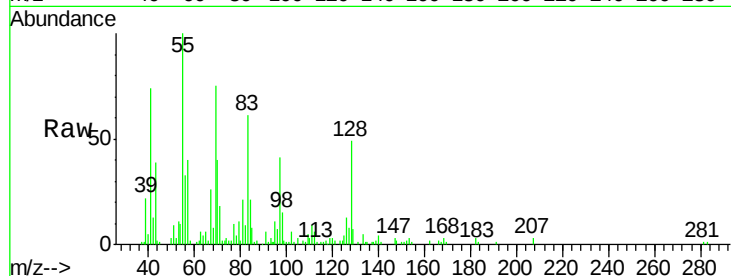
Tgt Ion:128 Resp: 84640

Ion Ratio Lower Upper

128 100

127 15.4 10.8 16.2

129 14.9 9.0 13.4#

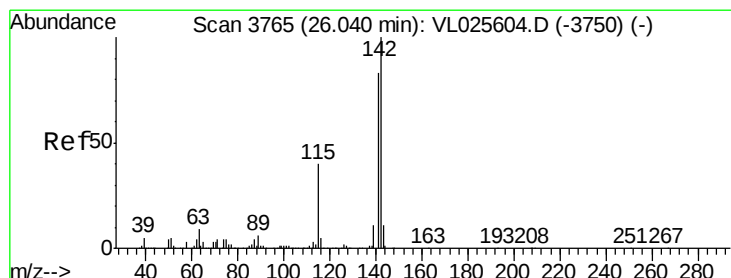
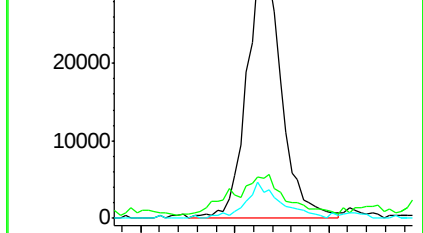
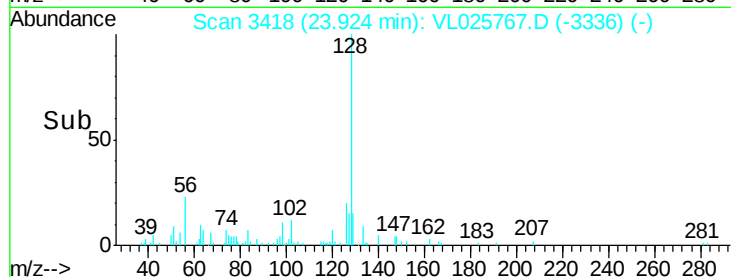


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

Time-->



#80

Naphthalene, 2-methyl-

Concen: 0.13 ppbv

RT: 26.03 min Scan# 3764

Delta R.T. -0.01 min

Lab File: VL025767.D

Acq: 28 Jul 2015 00:21

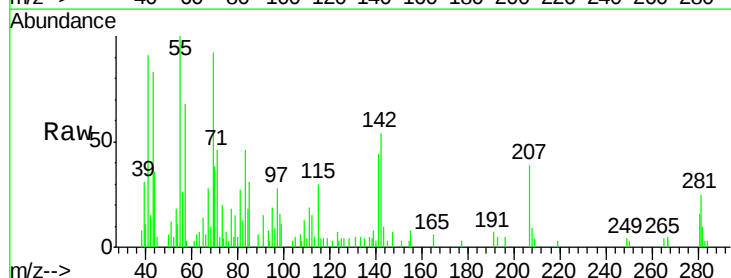
Tgt Ion:142 Resp: 17515

Ion Ratio Lower Upper

142 100

141 97.7 67.1 100.7

115 64.5 33.9 50.9#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

Time-->

