

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026671.D
 Acq On : 12 Jan 2016 12:43
 Operator : SY/AP
 Sample : H1064-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01

Manual Integrations
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 1/13/2016 11:53:23 AM

Quant Time: Jan 13 11:51:39 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	761943	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	8.35	114	2386553	10.00	ppbv	0.04
55) Chlorobenzene-d5	13.77	117	3019268	10.00	ppbv	0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	16.32	95	2379802	9.89	ppbv	0.05	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.66	85	96934	0.48	ppbv	100
3) Chlorodifluoromethane	3.59	51	171040m	1.69	ppbv	
4) Chloromethane	3.77	50	24453	0.49	ppbv #	85
9) Propene	3.62	41	1171276m	32.11	ppbv	
10) Heptane	9.38	43	852498	6.27	ppbv	97
11) Trichlorofluoromethane	4.71	101	54060	0.26	ppbv	97
13) Ethanol	4.35	45	90035	12.99	ppbv	99
15) Acetone	4.62	43	3516411	28.06	ppbv	92
20) Methylene Chloride	5.17	84	40302	0.78	ppbv #	84
26) Hexane	6.68	57	314117	3.14	ppbv #	52
30) Cyclohexane	8.31	84	100779	1.02	ppbv #	70
34) 2-Butanone	6.23	43	128299	1.01	ppbv	94
35) Carbon Tetrachloride	8.19	117	15732	0.07	ppbv	93
36) Benzene	8.04	78	816883	3.33	ppbv	99
38) Trichloroethene	9.09	130	334422	3.05	ppbv	95
44) 2,2,4-Trimethylpentane	9.11	57	535441	1.35	ppbv #	73
50) 4-Methyl-2-Pentanone	10.13	43	152517	0.85	ppbv	100
52) Tetrachloroethene	12.82	164	39809	0.32	ppbv	97
53) Toluene	11.26	91	2752746	7.95	ppbv	99
58) Ethyl Benzene	14.44	91	1029343	1.91	ppbv	97
59) m/p-Xylene	14.71	91	3088895	6.95	ppbv	98
60) o-Xylene	15.52	91	1297504	2.70	ppbv	96
61) Styrene	15.33	104	107847	0.57	ppbv	97
62) Isopropylbenzene	16.57	105	145441	0.23	ppbv	98
64) n-propylbenzene	17.55	120	131450	0.77	ppbv	93
67) sec-Butylbenzene	19.44	105	208075	0.24	ppbv	100
70) n-Butylbenzene	20.79	91	476409	0.69	ppbv #	48
72) 4-Ethyltoluene	17.85	105	734927	1.37	ppbv	99
73) 1,3,5-Trimethylbenzene	18.02	105	696846	1.37	ppbv	94
74) 1,2,4-Trimethylbenzene	18.86	105	2669501	4.94	ppbv #	77
79) Naphthalene	23.96	128	299747	0.82	ppbv	95

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

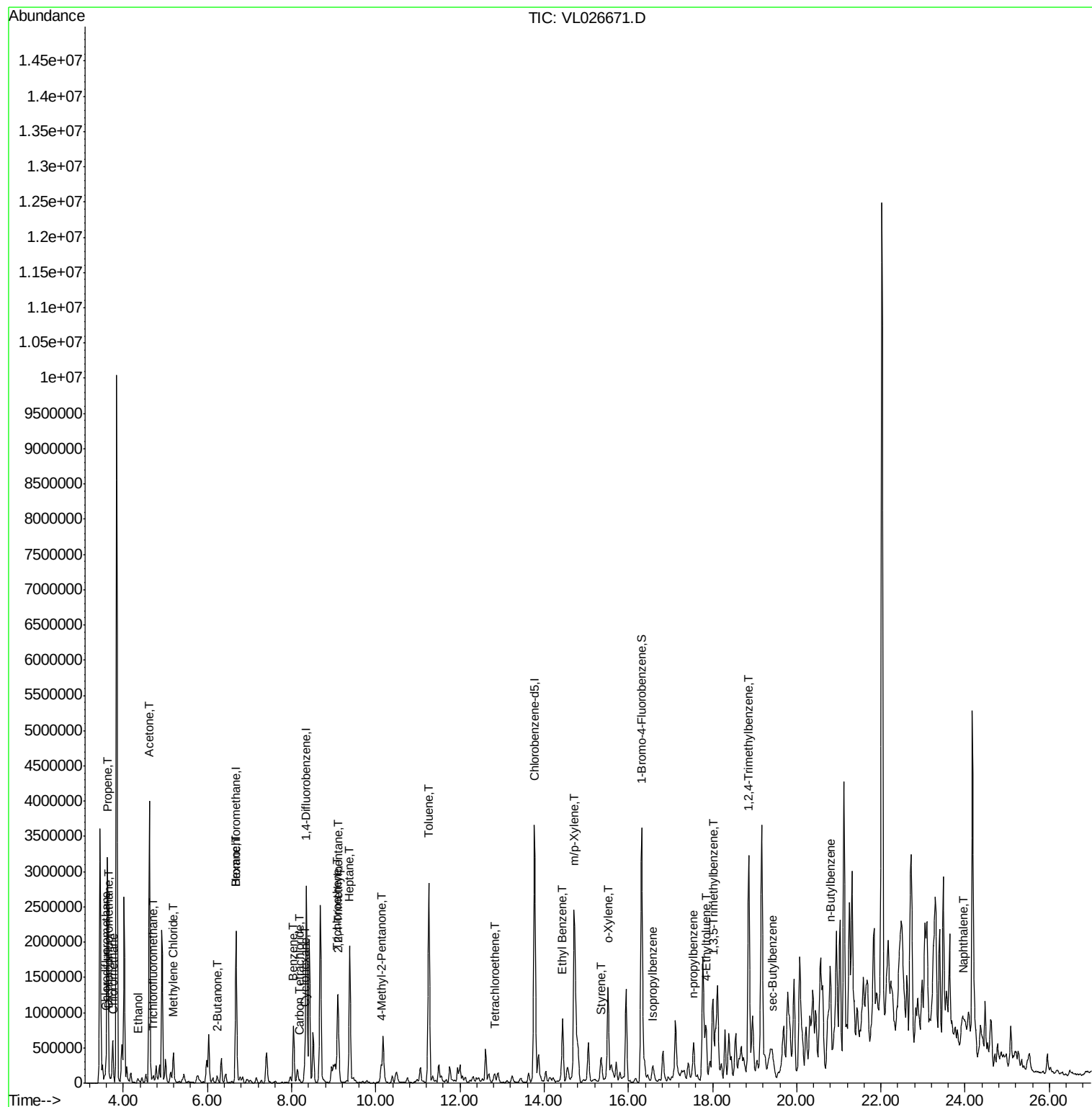
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
Data File : VL026671.D
Acq On : 12 Jan 2016 12:43
Operator : SY/AP
Sample : H1064-01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

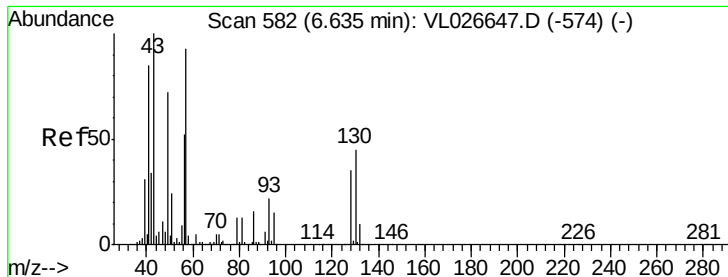
Instrument :
MSVOA_L
ClientSampleId :
IA-01

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Quant Time: Jan 13 11:51:39 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# 589

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

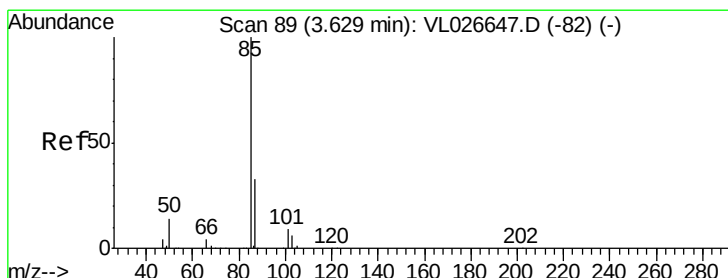
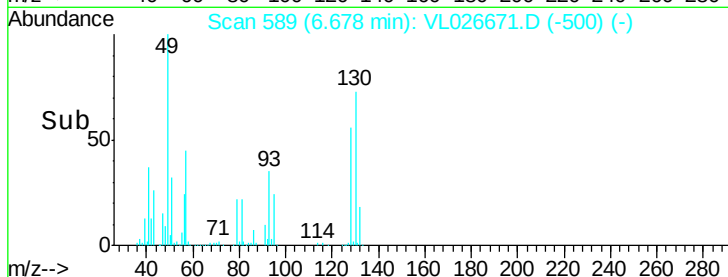
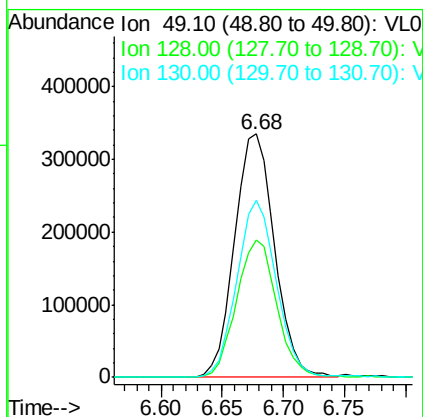
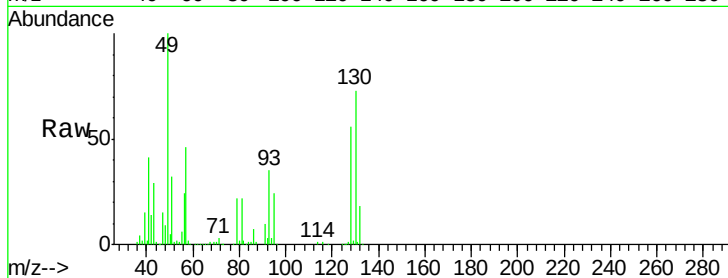
ClientSampled :

IA-01

Tot Ion	Ratio	Lower	Upper
49	100		
128	57.0	25.9	77.7
130	72.6	33.6	100.8

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.48 ppbv

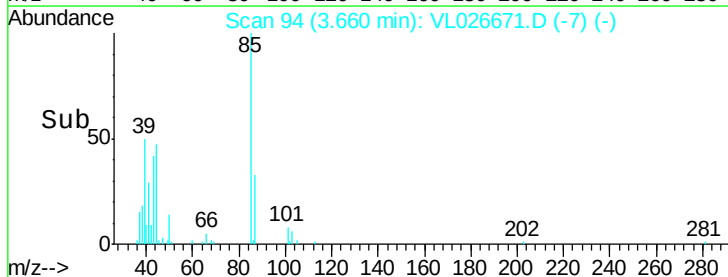
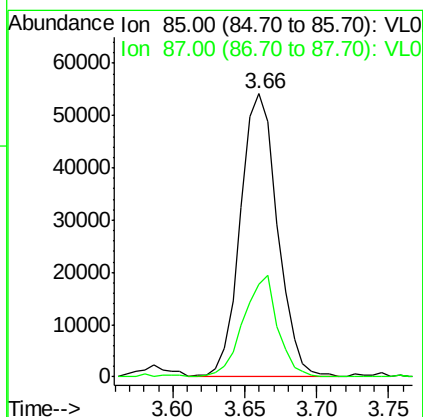
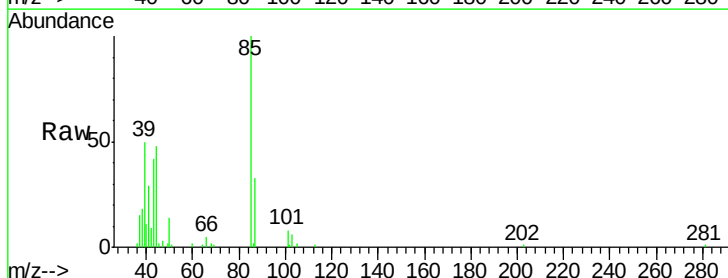
RT: 3.66 min Scan# 94

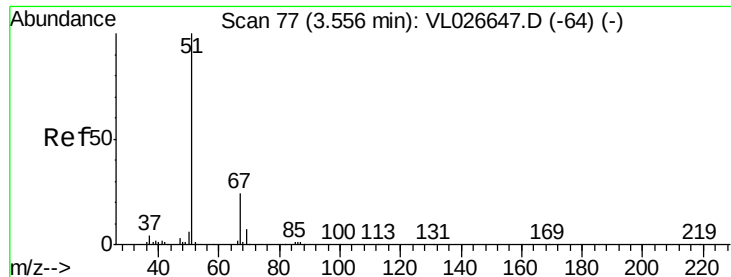
Delta R.T. 0.03 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.4	39.6





#3

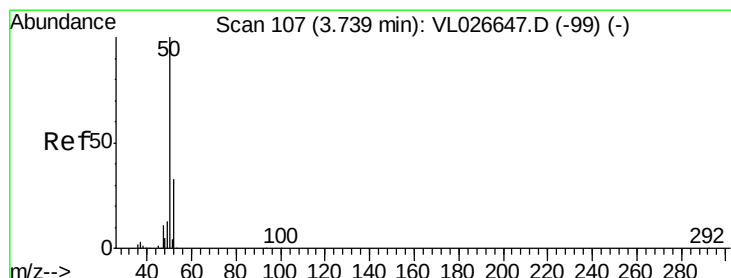
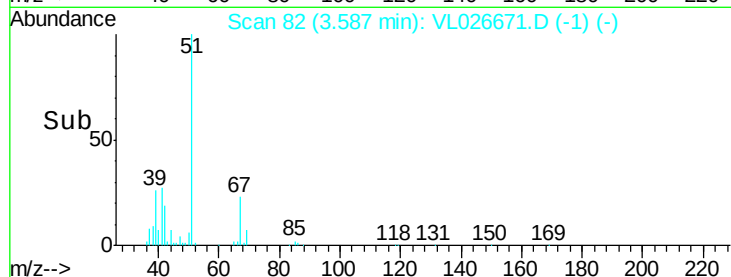
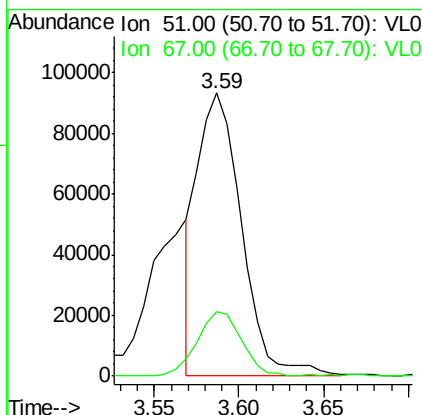
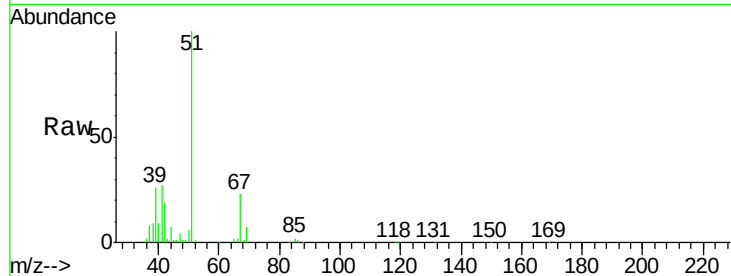
Chlorodifluoromethane
 Concen: 1.69 ppbv m
 RT: 3.59 min Scan# 82
 Delta R.T. 0.03 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Instrument :
 MSVOA_L
 ClientSampled :
 IA-01

Tot Ion	Ratio	Lower	Upper
51	100		
67	23.6	18.6	28.0

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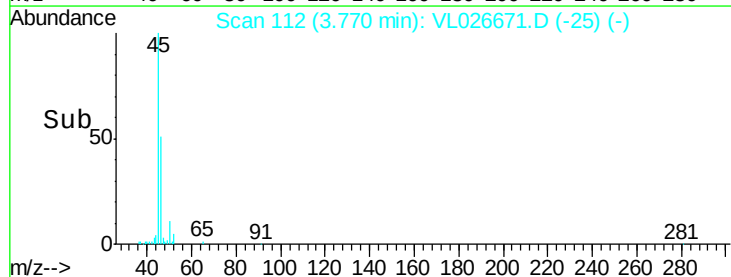
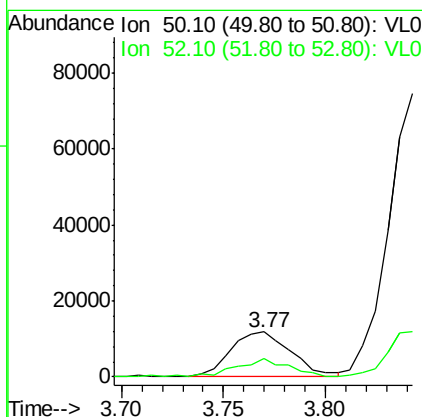
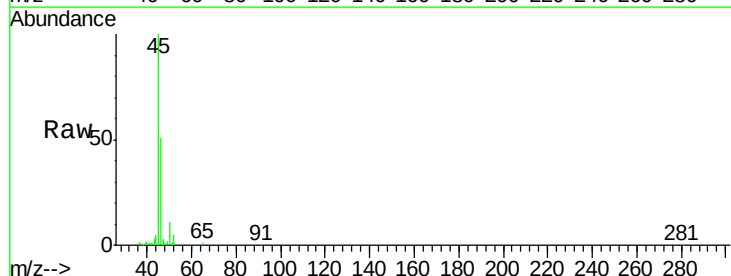
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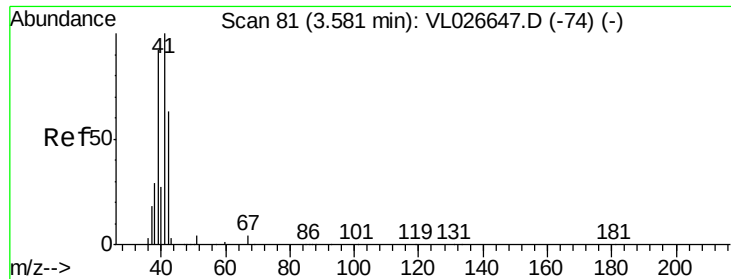


#4

Chloromethane
 Concen: 0.49 ppbv
 RT: 3.77 min Scan# 112
 Delta R.T. 0.03 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Tgt Ion	Ratio	Lower	Upper
50	100		
52	41.7	26.7	40.1#





#9

Propene

Concen: 32.11 ppbv m

RT: 3.62 min Scan# 88

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampleId :

IA-01

Tot Ion: 41 Resp: 1171276

Ion Ratio Lower Upper

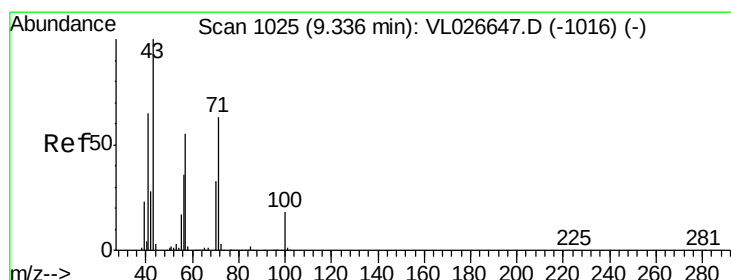
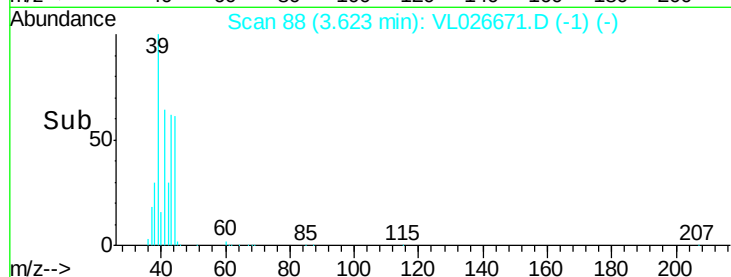
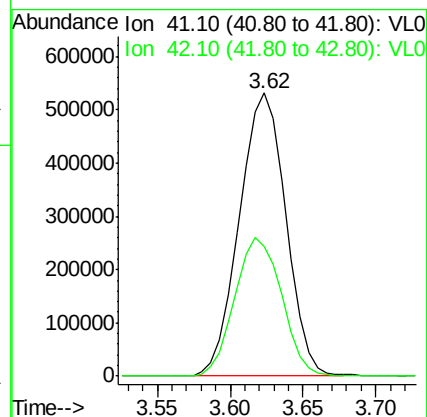
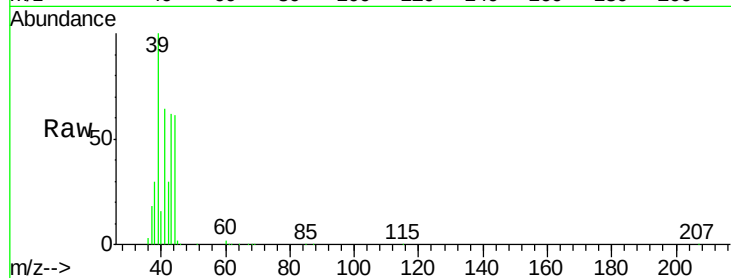
41 100

42 193.6 53.6 80.4#

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#10

Heptane

Concen: 6.27 ppbv

RT: 9.38 min Scan# 1032

Delta R.T. 0.04 min

Lab File: VL026671.D

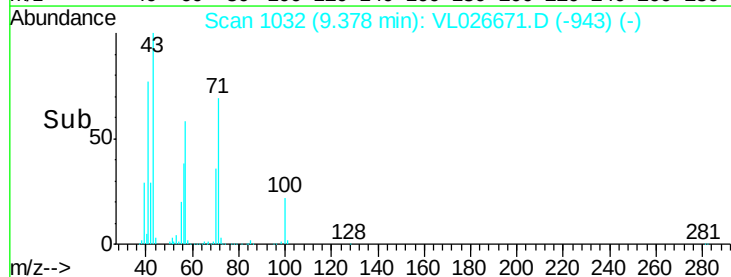
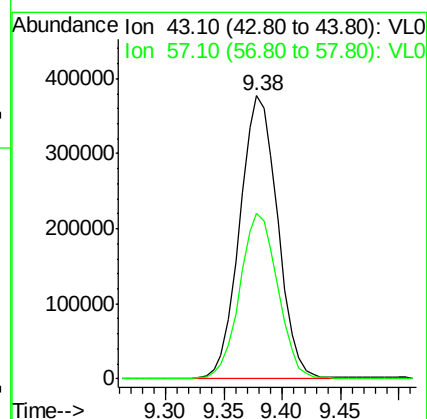
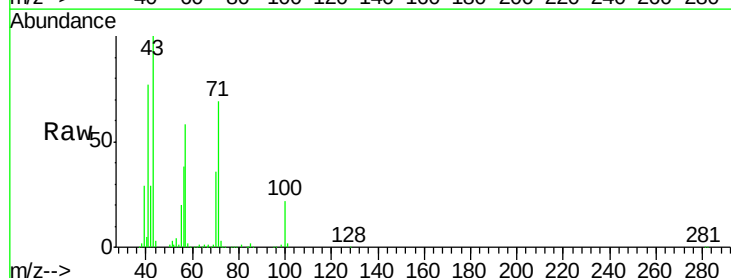
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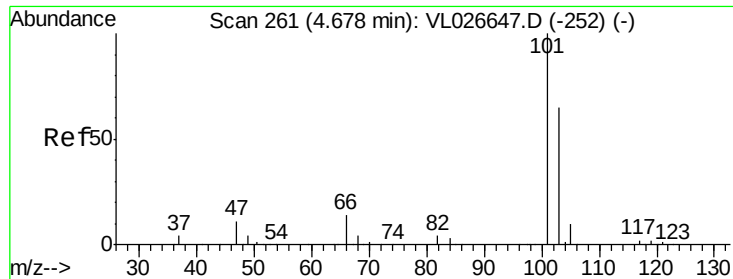
Tgt Ion: 43 Resp: 852498

Ion Ratio Lower Upper

43 100

57 59.7 45.8 68.6





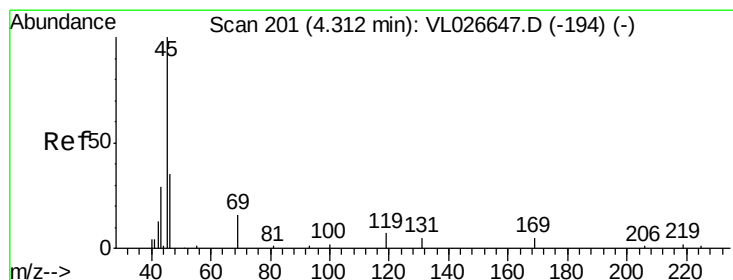
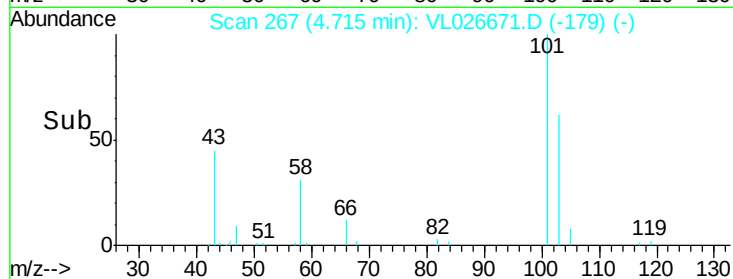
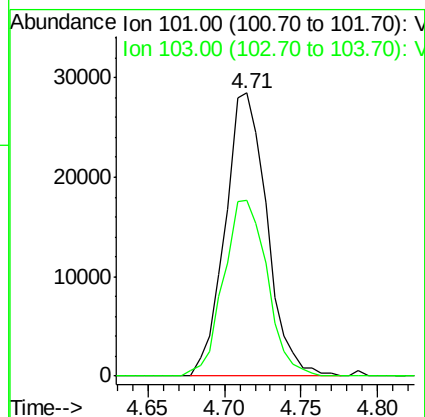
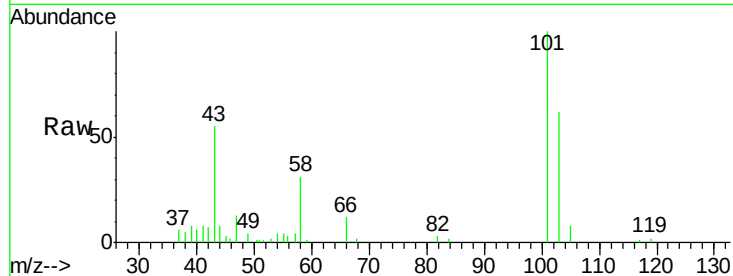
#11
 Trichlorofluoromethane
 Concen: 0.26 ppbv
 RT: 4.71 min Scan# 267
 Delta R.T. 0.04 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Instrument :
 MSVOA_L
 ClientSampled :
 IA-01

Tot Ion:101 Resp: 54060
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.7 77.5

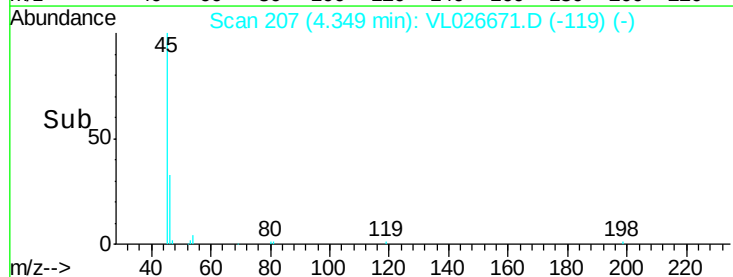
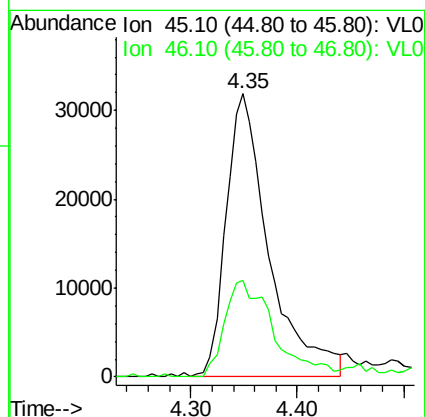
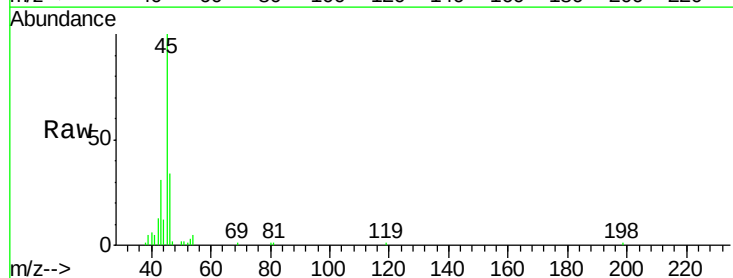
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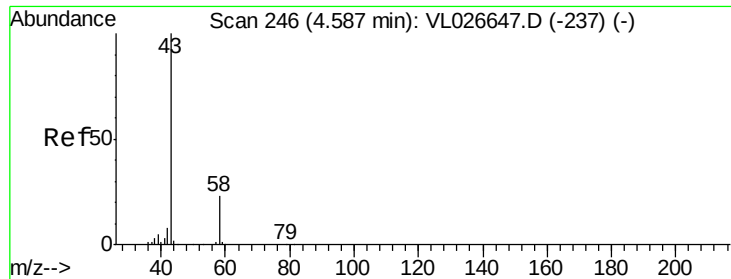
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#13
 Ethanol
 Concen: 12.99 ppbv
 RT: 4.35 min Scan# 207
 Delta R.T. 0.04 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Tgt Ion: 45 Resp: 90035
 Ion Ratio Lower Upper
 45 100
 46 42.4 16.7 66.7





#15

Acetone

Concen: 28.06 ppbv

RT: 4.62 min Scan# 251

Delta R.T. 0.03 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tot Ion: 43 Resp: 3516411

Ion Ratio Lower Upper

43 100

58 20.1 19.2 28.8

Instrument :

MSVOA_L

ClientSampled :

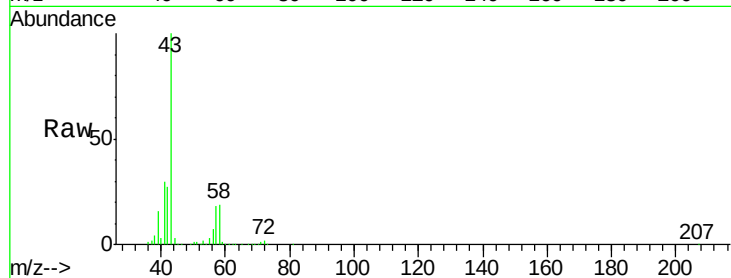
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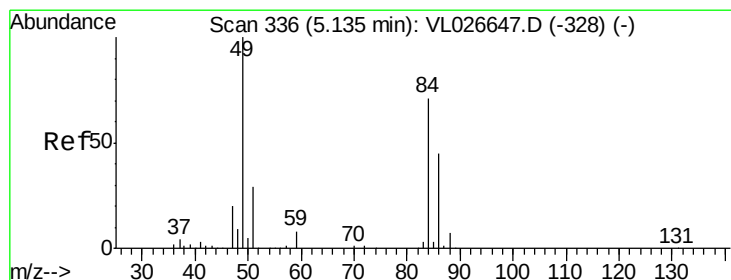
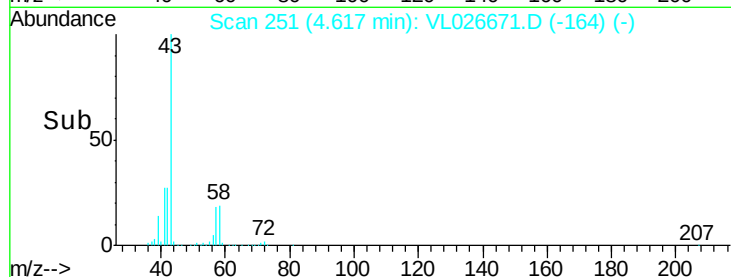
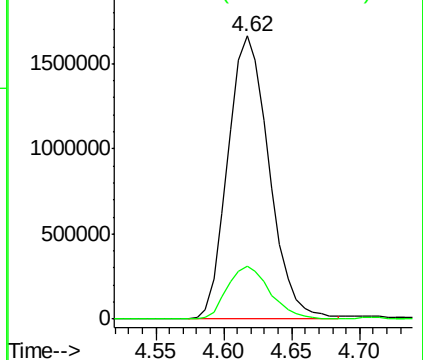
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.78 ppbv

RT: 5.17 min Scan# 342

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tgt Ion: 84 Resp: 40302

Ion Ratio Lower Upper

84 100

49 157.3 112.3 168.5

51 61.9 32.5 48.7#

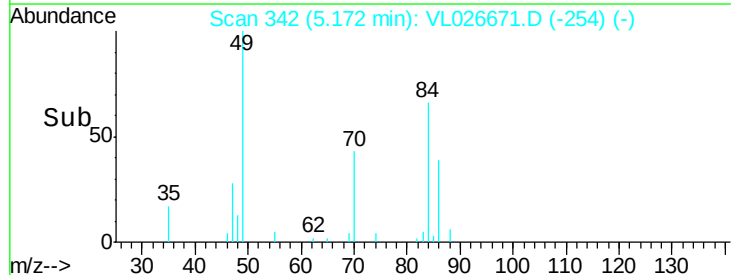
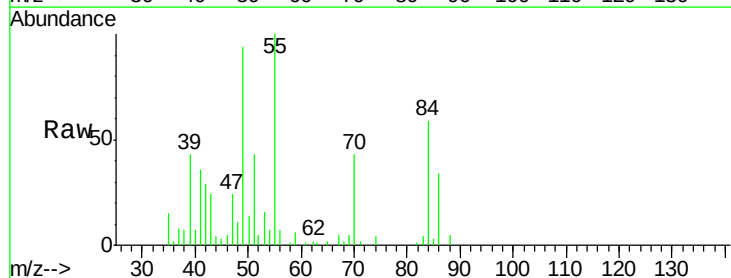
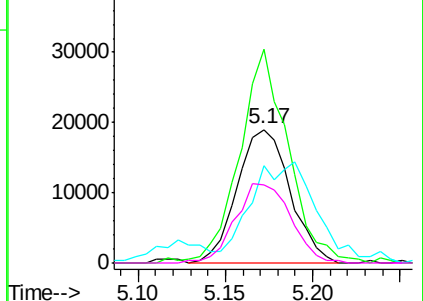
86 57.2 50.3 75.5

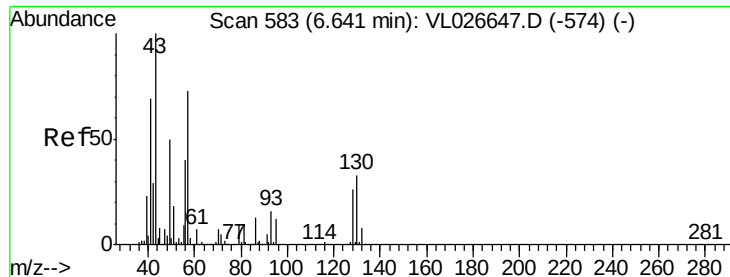
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#26

Hexane

Concen: 3.14 ppbv

RT: 6.68 min Scan# 590

Delta R.T. 0.04 min

Lab File: VL026671.D

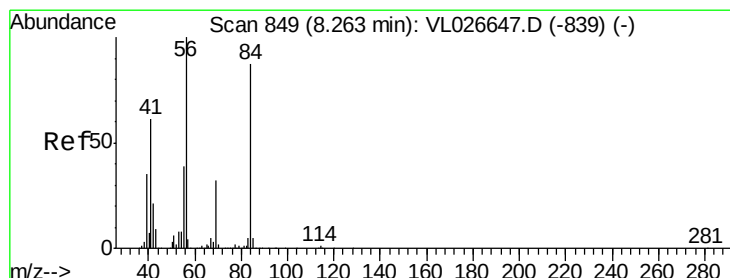
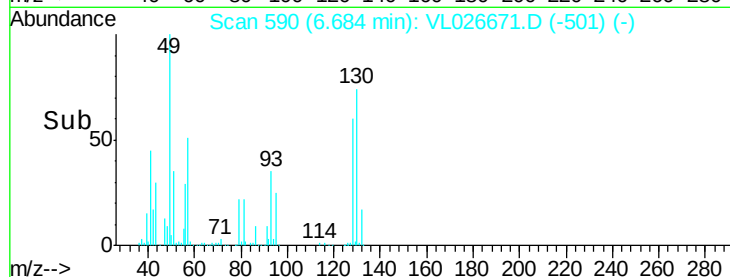
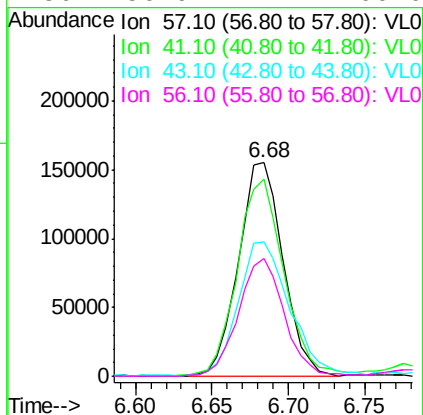
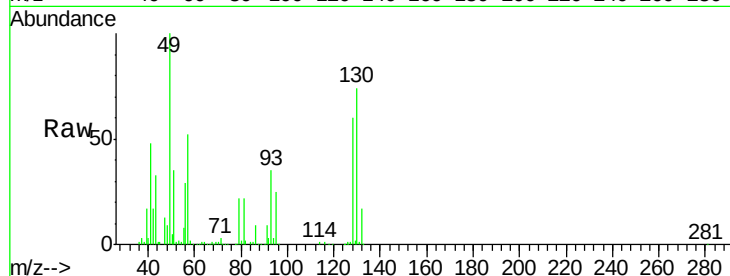
Acq: 12 Jan 2016 12:43

Instrument :
MSVOA_L
ClientSampled :
IA-01

Tot Ion:	57	Resp:	314117
Ion Ratio	Lower	Upper	
57	100		
41	96.9	74.8	112.2
43	77.2	161.5	242.3#
56	56.9	44.4	66.6

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#30

Cyclohexane

Concen: 1.02 ppbv

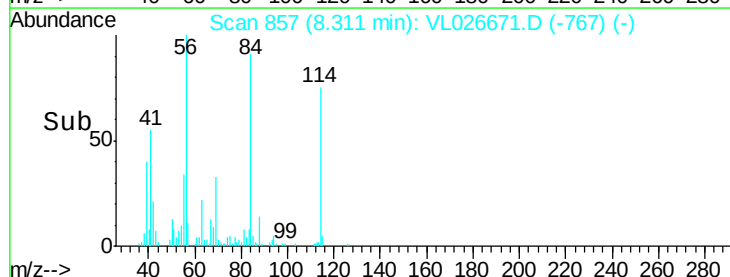
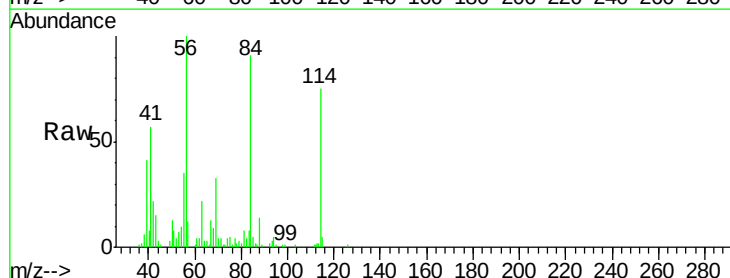
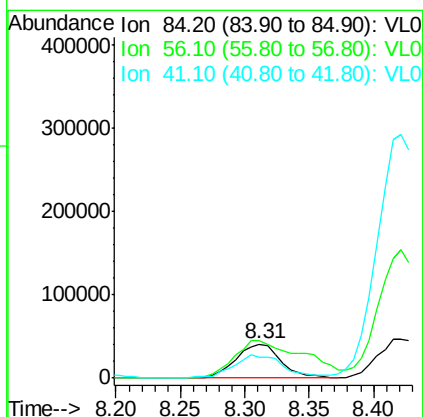
RT: 8.31 min Scan# 857

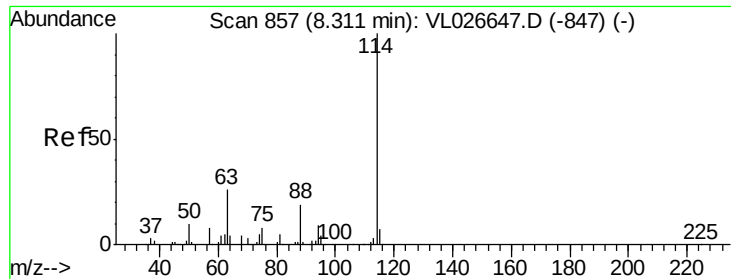
Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tgt Ion:	84	Resp:	100779
Ion Ratio	Lower	Upper	
84	100		
56	170.2	95.9	143.9#
41	71.9	54.8	82.2





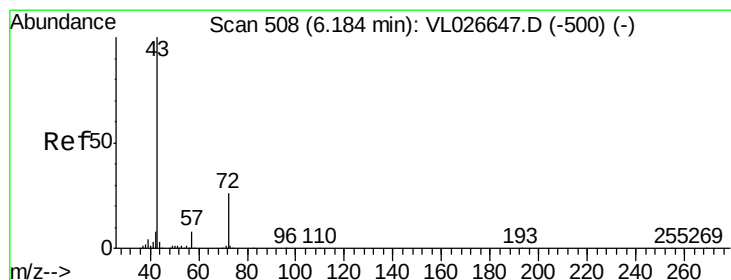
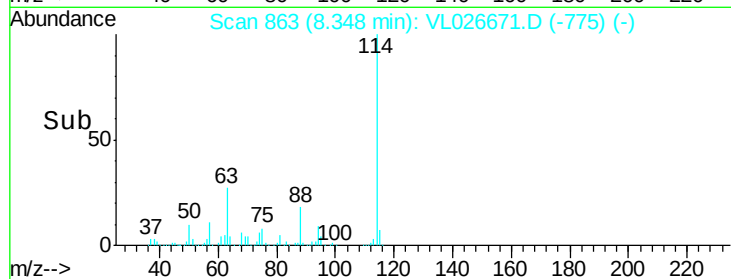
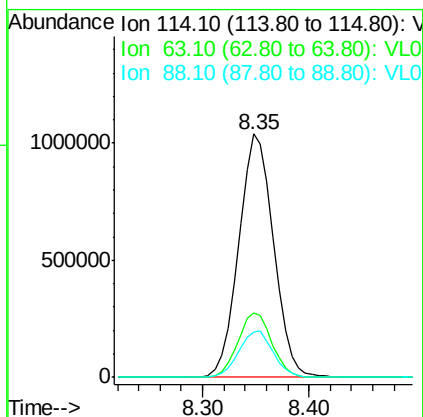
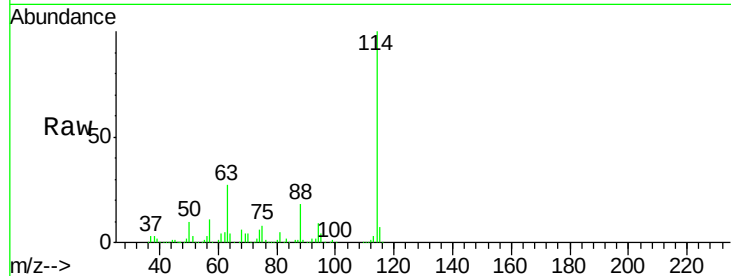
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.35 min Scan# 863
 Delta R.T. 0.04 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	21.7	32.5
88	18.9	15.2	22.8

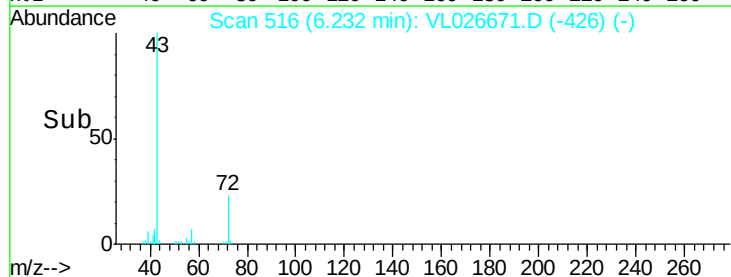
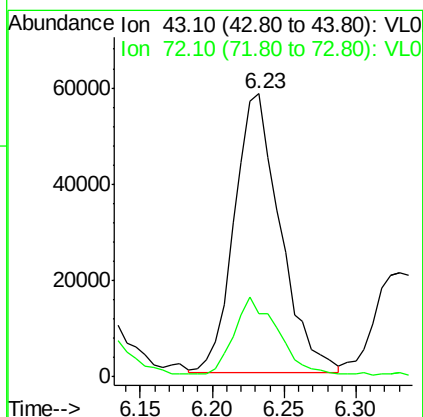
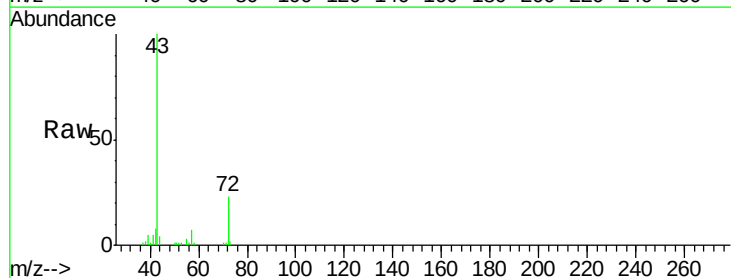
Manual Integrations
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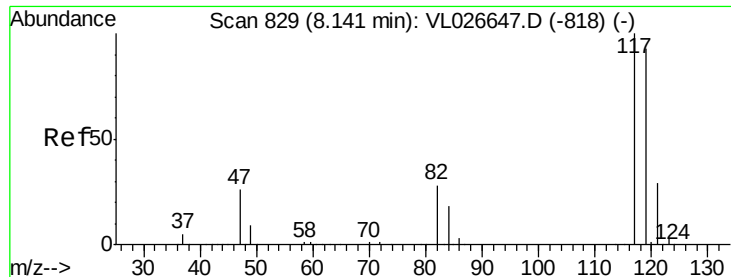
apatel
 1/13/2016 11:53:23 AM



#34
 2-Butanone
 Concen: 1.01 ppbv
 RT: 6.23 min Scan# 516
 Delta R.T. 0.05 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	29.3	20.9	31.3





#35

Carbon Tetrachloride

Concen: 0.07 ppbv

RT: 8.19 min Scan# 837

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

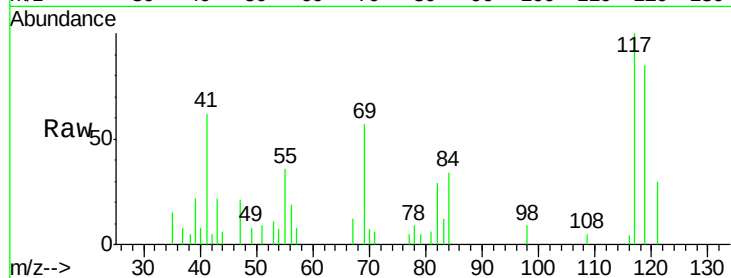
ClientSampled :

IA-01

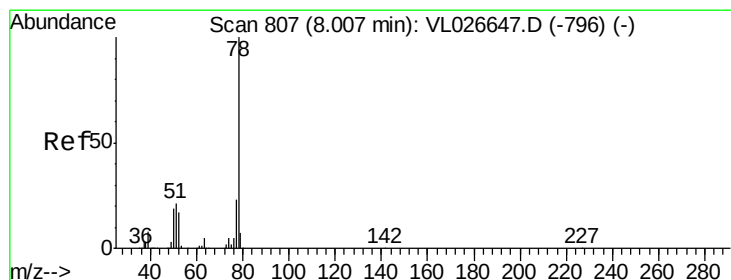
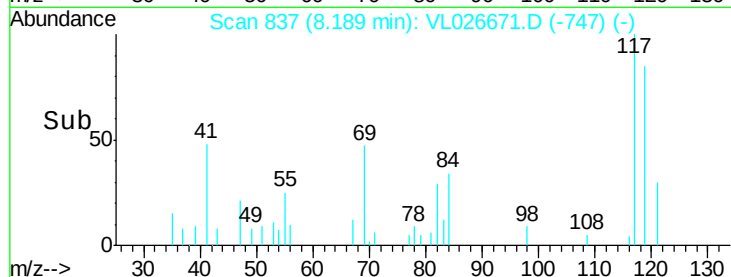
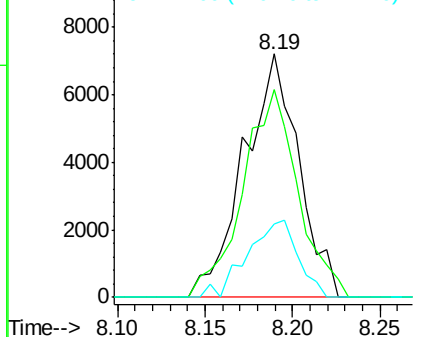
Tot Ion:	117	Resp:	15732
Ion Ratio	Lower	Upper	
117	100		
119	85.3	74.7	112.1
121	30.2	23.1	34.7

Manual Integrations
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Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 3.33 ppbv

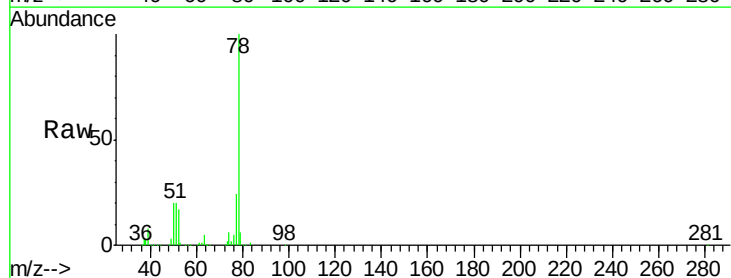
RT: 8.04 min Scan# 813

Delta R.T. 0.04 min

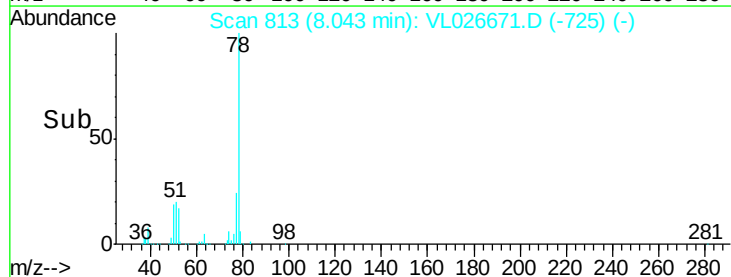
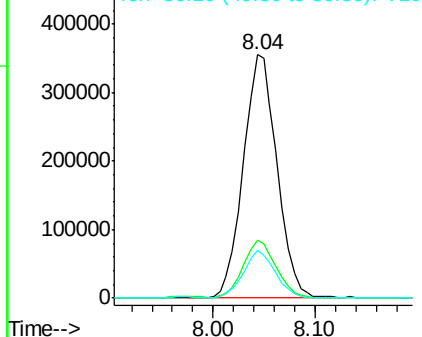
Lab File: VL026671.D

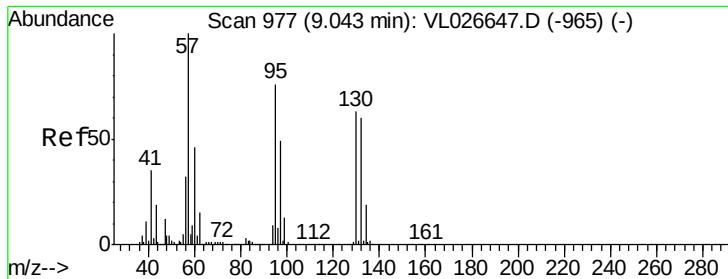
Acq: 12 Jan 2016 12:43

Tgt Ion:	78	Resp:	816883
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.5	27.7
50	19.1	15.4	23.2



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





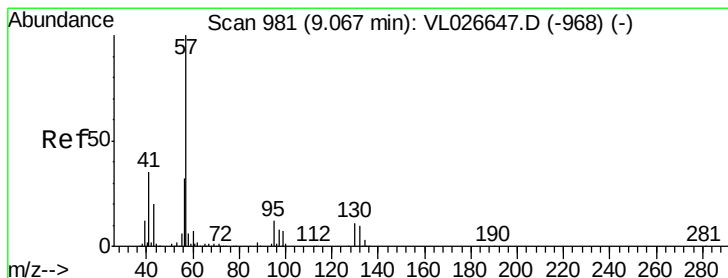
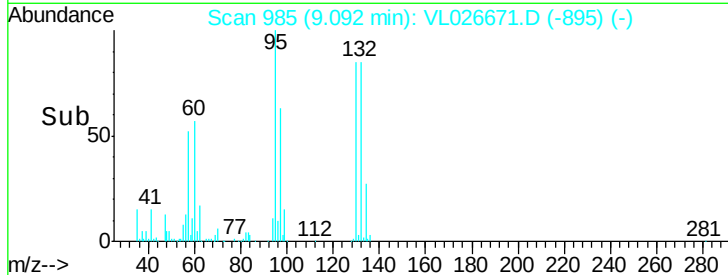
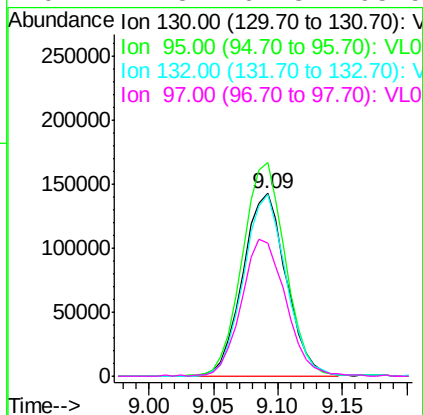
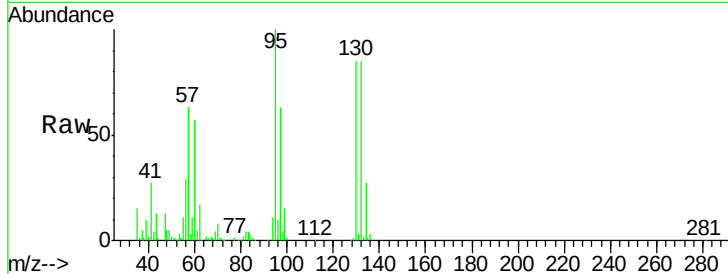
#38
 Trichloroethene
 Concen: 3.05 ppbv
 RT: 9.09 min Scan# 985
 Delta R.T. 0.05 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Instrument :
 MSVOA_L
 ClientSampled :
 IA-01

Tot Ion	Ratio	Resp	Lower	Upper
130	100			
95	116.5	96.6	145.0	
132	99.5	76.2	114.4	
97	72.8	62.3	93.5	

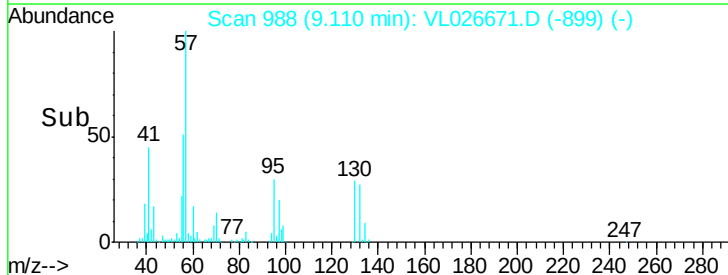
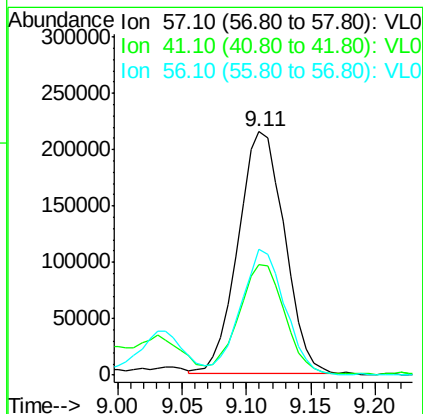
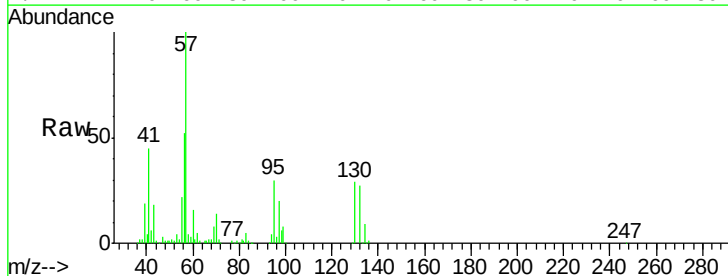
Manual Integrations
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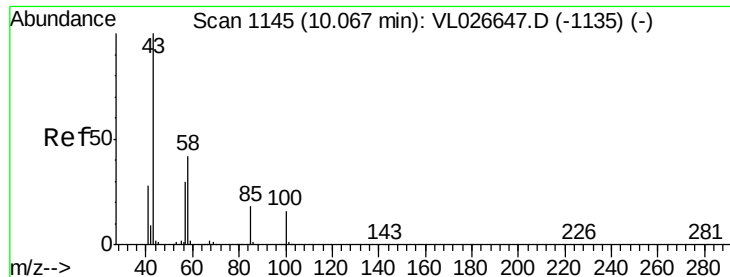
apatel
 1/13/2016 11:53:23 AM



#44
 2,2,4-Trimethylpentane
 Concen: 1.35 ppbv
 RT: 9.11 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VL026671.D
 Acq: 12 Jan 2016 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
57	100			
41	44.9	26.9	40.3#	
56	51.1	25.4	38.0#	





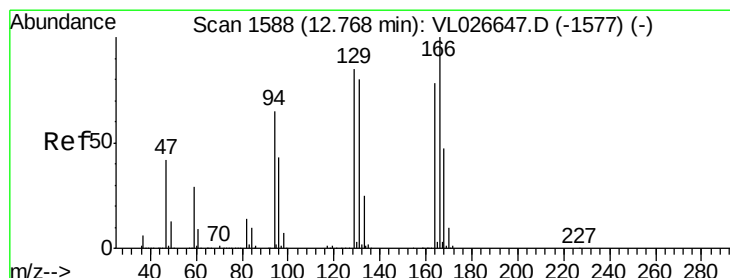
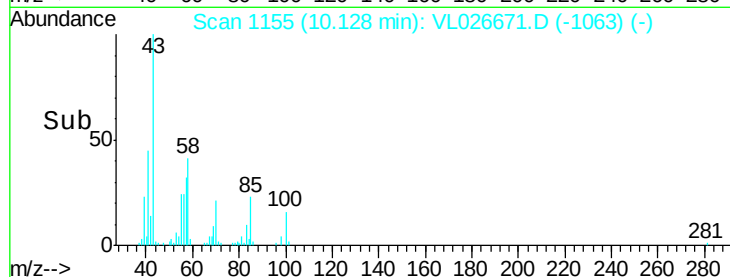
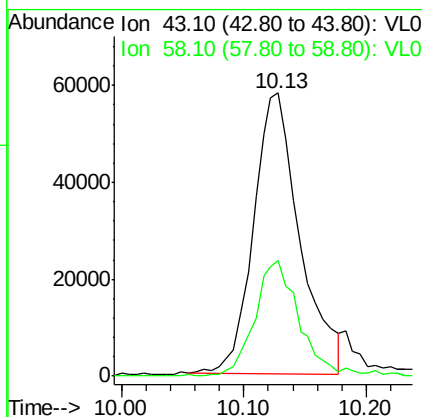
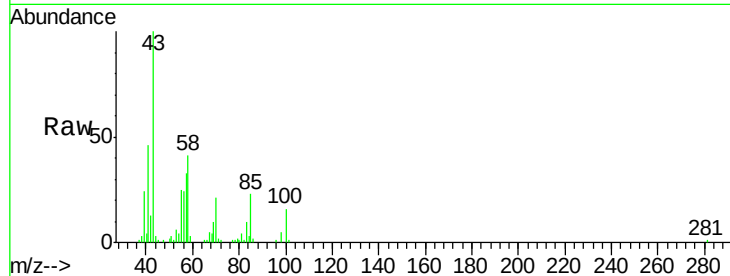
#50
4-Methyl-2-Pentanone
Concen: 0.85 ppbv
RT: 10.13 min Scan# 1155
Delta R.T. 0.06 min
Lab File: VL026671.D
Acq: 12 Jan 2016 12:43

Instrument :
MSVOA_L
ClientSampled :
IA-01

Tot Ion: 43 Resp: 152517
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6

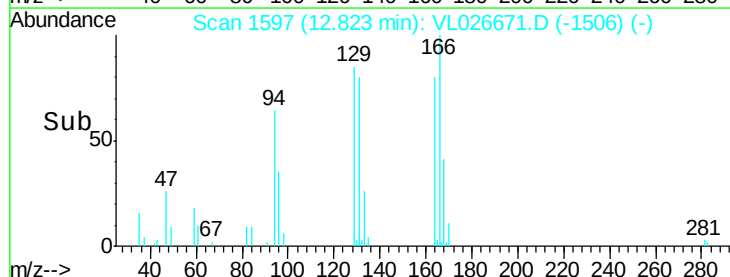
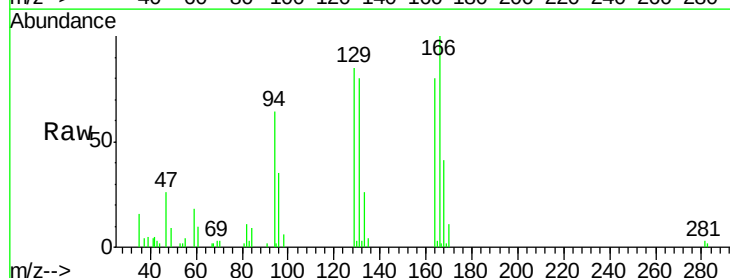
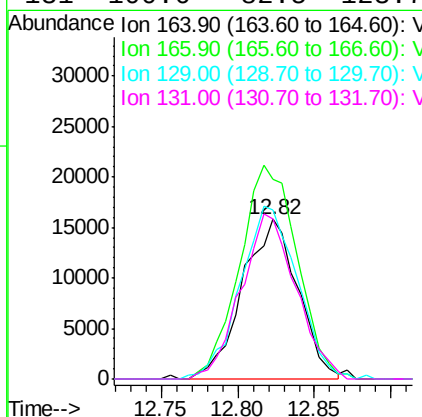
Manual Integrations
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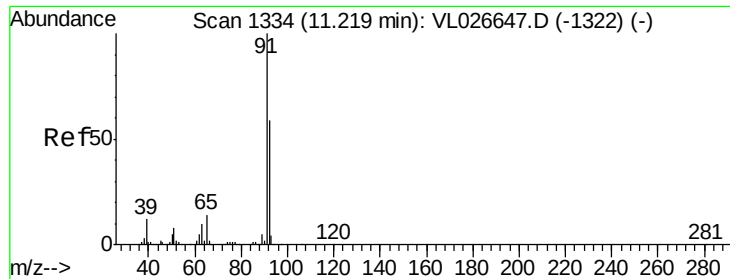
apatel
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#52
Tetrachloroethene
Concen: 0.32 ppbv
RT: 12.82 min Scan# 1597
Delta R.T. 0.05 min
Lab File: VL026671.D
Acq: 12 Jan 2016 12:43

Tgt Ion: 164 Resp: 39809
Ion Ratio Lower Upper
164 100
166 125.5 102.5 153.7
129 103.7 87.0 130.6
131 100.6 82.5 123.7





#53

Toluene

Concen: 7.95 ppbv

RT: 11.26 min Scan# 1341

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampleId :

IA-01

Tot Ion: 91 Resp: 2752746

Ion Ratio Lower Upper

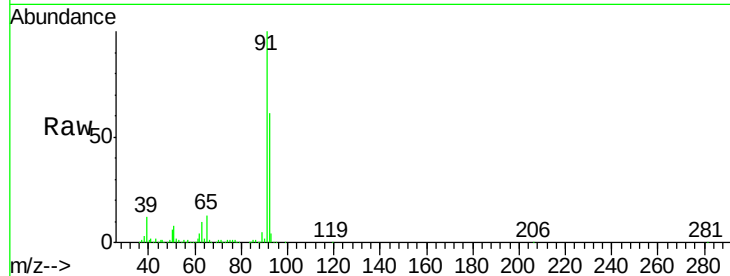
91 100

92 60.7 48.2 72.4

Manual Integrations
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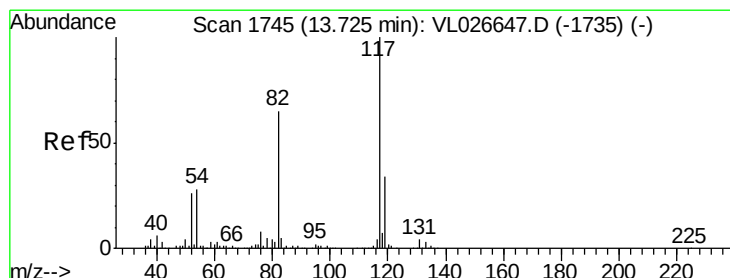
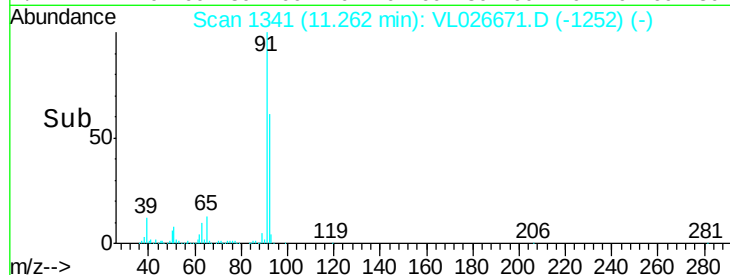
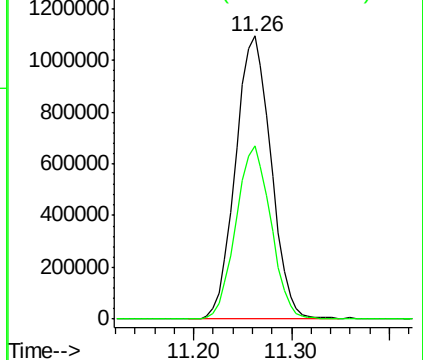
apatel

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.77 min Scan# 1752

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

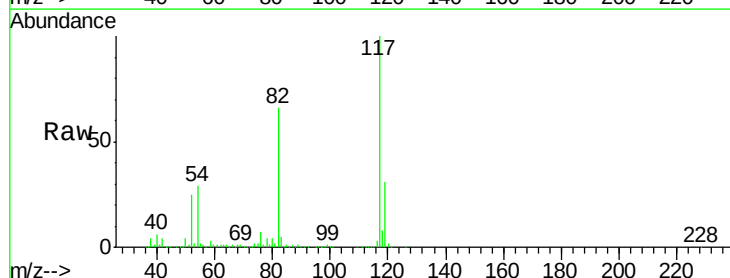
Tgt Ion: 117 Resp: 3019268

Ion Ratio Lower Upper

117 100

82 65.4 49.7 74.5

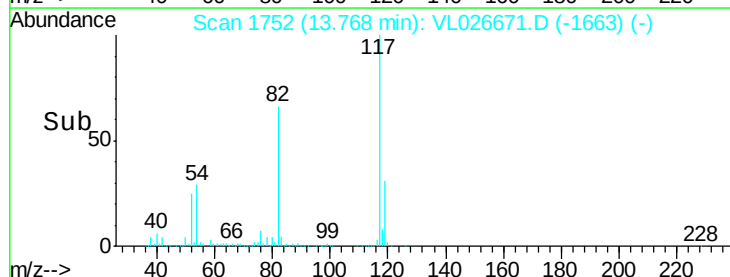
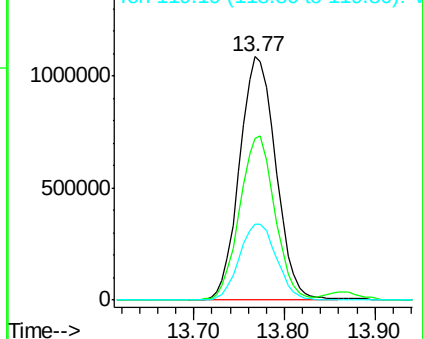
119 32.2 43.8 65.8#

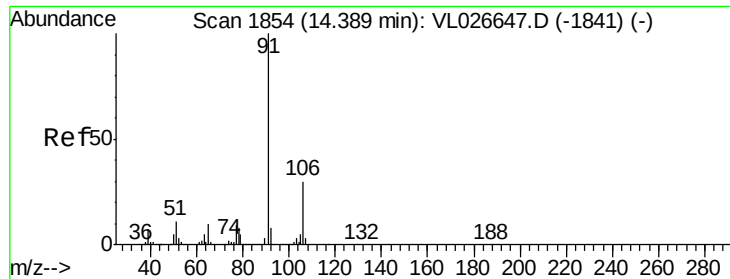


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 1.91 ppbv

RT: 14.44 min Scan# 1862

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampled :

IA-01

Tot Ion: 91 Resp: 1029343

Ion Ratio Lower Upper

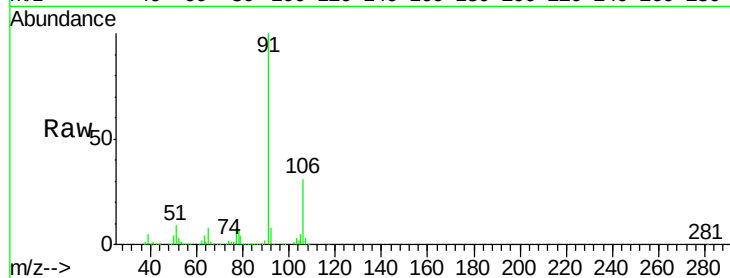
91 100

106 31.2 23.8 35.6

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

14.44

400000

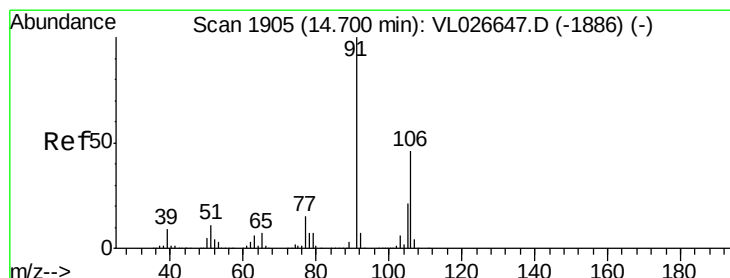
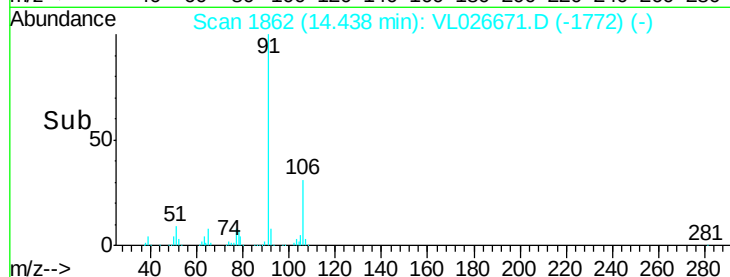
300000

200000

100000

0

Time-->



#59

m/p-Xylene

Concen: 6.95 ppbv

RT: 14.71 min Scan# 1907

Delta R.T. 0.01 min

Lab File: VL026671.D

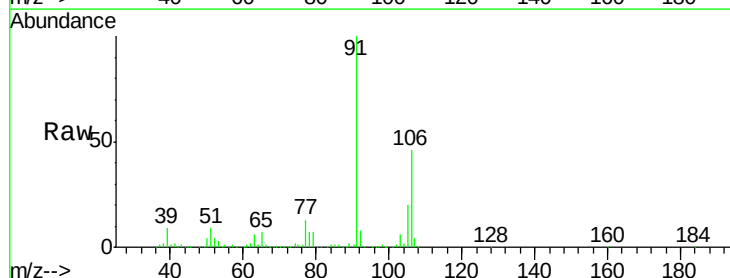
Acq: 12 Jan 2016 12:43

Tgt Ion: 91 Resp: 3088895

Ion Ratio Lower Upper

91 100

106 47.2 36.6 55.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

14.71

1000000

800000

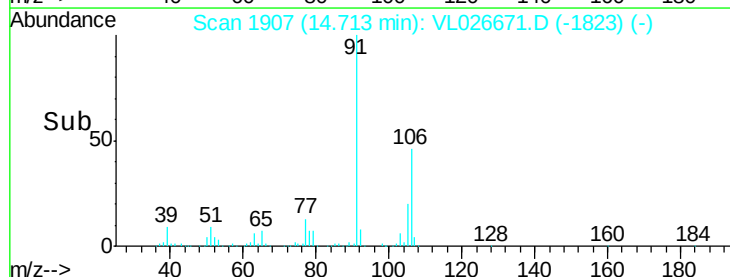
600000

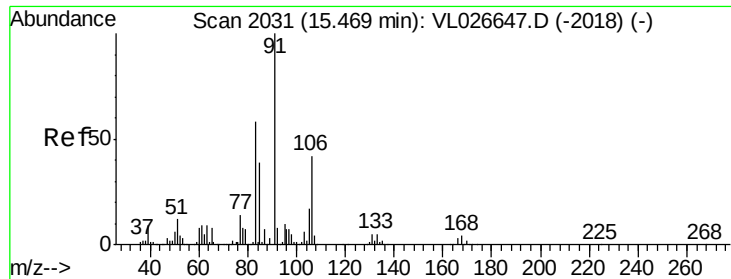
400000

200000

0

Time-->





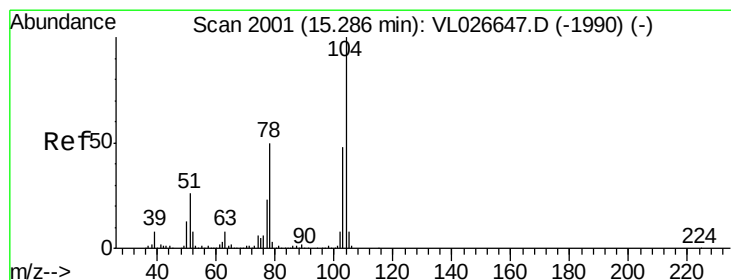
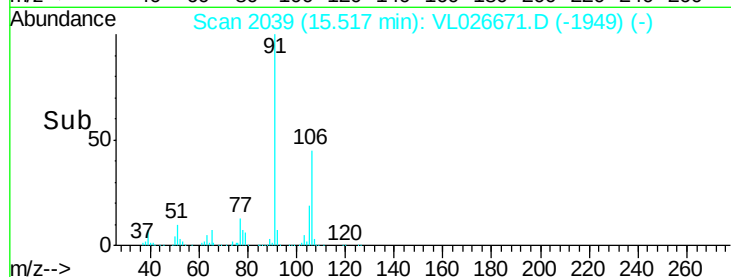
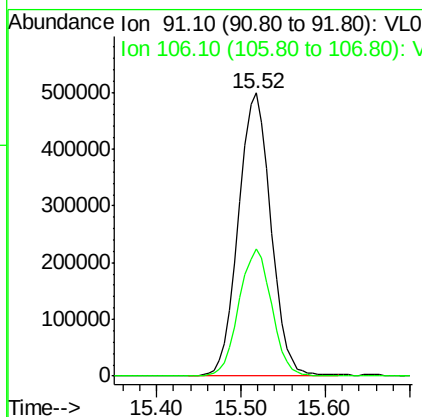
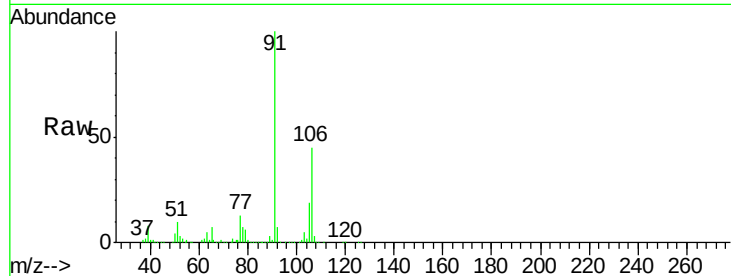
#60
o-Xylene
Concen: 2.70 ppbv
RT: 15.52 min Scan# 2039
Delta R.T. 0.05 min
Lab File: VL026671.D
Acq: 12 Jan 2016 12:43

Instrument :
MSVOA_L
ClientSampled :
IA-01

Tot Ion: 91 Resp: 1297504
Ion Ratio Lower Upper
91 100
106 45.8 21.5 64.5

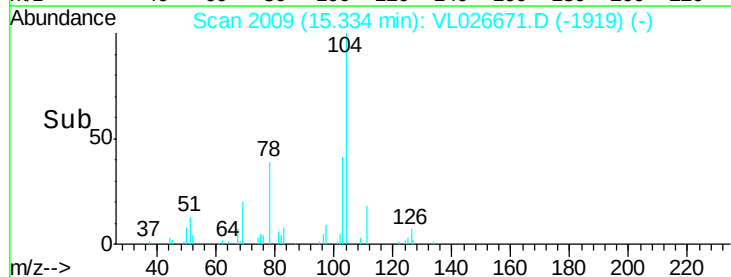
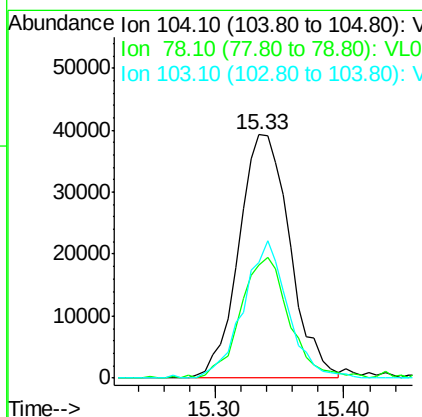
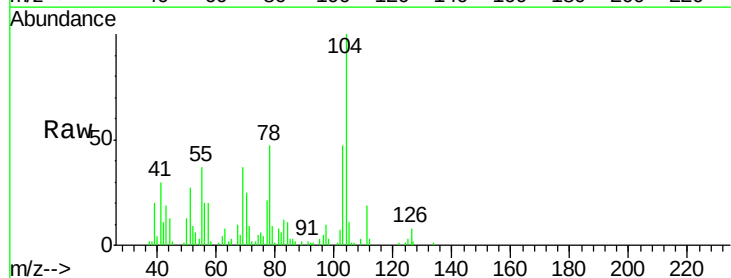
Manual Integrations
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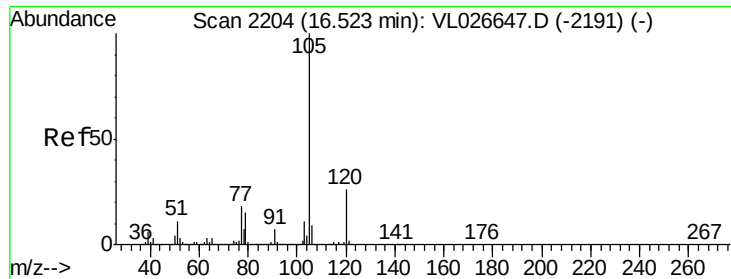
apatel
1/13/2016 11:53:23 AM



#61
Styrene
Concen: 0.57 ppbv
RT: 15.33 min Scan# 2009
Delta R.T. 0.05 min
Lab File: VL026671.D
Acq: 12 Jan 2016 12:43

Tgt Ion: 104 Resp: 107847
Ion Ratio Lower Upper
104 100
78 47.4 39.6 59.4
103 49.4 37.8 56.6





#62

Isopropylbenzene

Concen: 0.23 ppbv

RT: 16.57 min Scan# 2212

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampled :

IA-01

Tot Ion:105 Resp: 145441

Ion Ratio Lower Upper

105 100

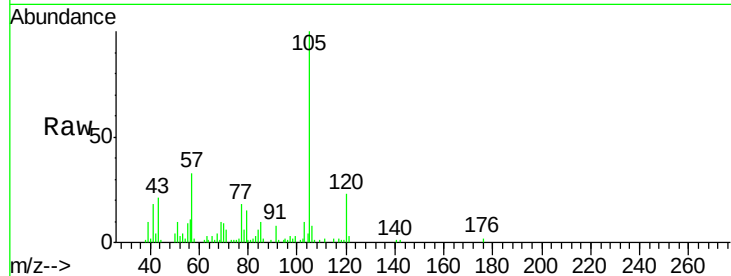
120 26.2 20.3 30.5

Manual Integrations

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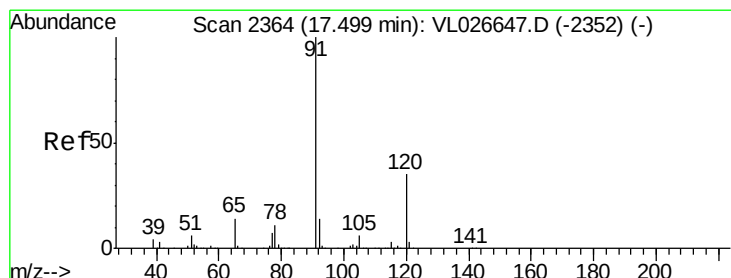
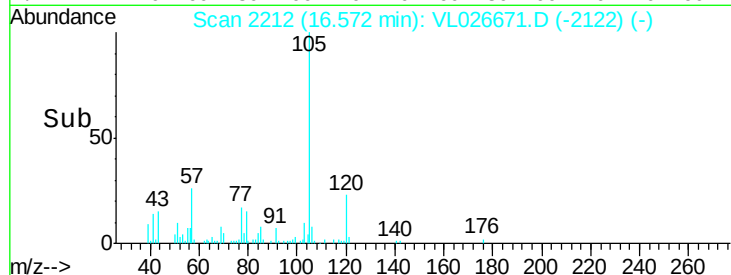
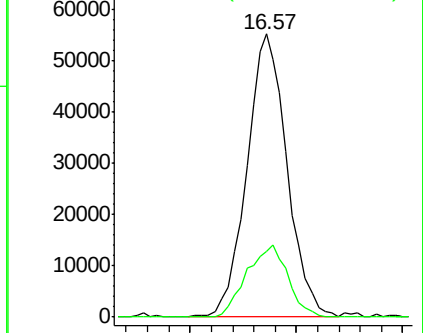
apatel

1/13/2016 11:53:23 AM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.77 ppbv

RT: 17.55 min Scan# 2372

Delta R.T. 0.05 min

Lab File: VL026671.D

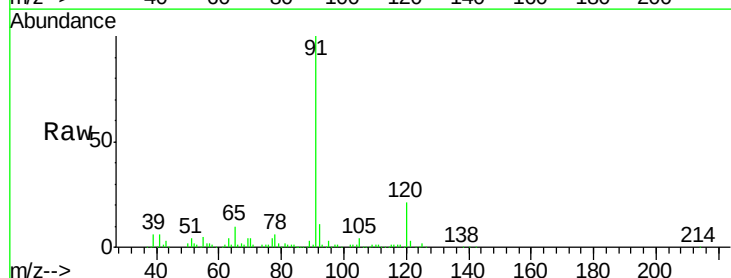
Acq: 12 Jan 2016 12:43

Tgt Ion:120 Resp: 131450

Ion Ratio Lower Upper

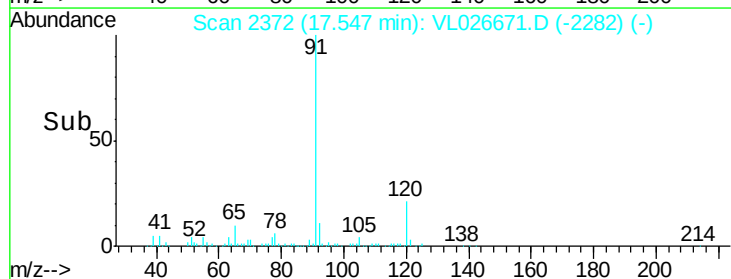
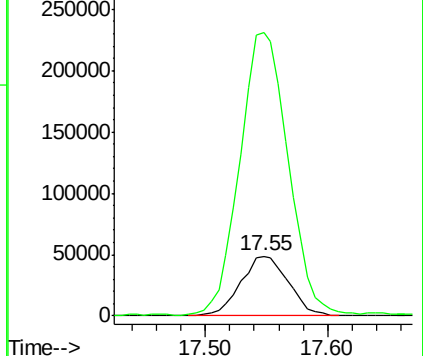
120 100

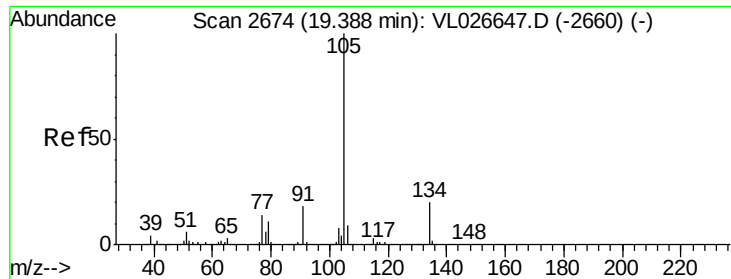
91 489.0 375.8 563.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





#67

sec-Butylbenzene

Concen: 0.24 ppbv

RT: 19.44 min Scan# 2682

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampled :

IA-01

Tot Ion: 105 Resp: 208075

Ion Ratio Lower Upper

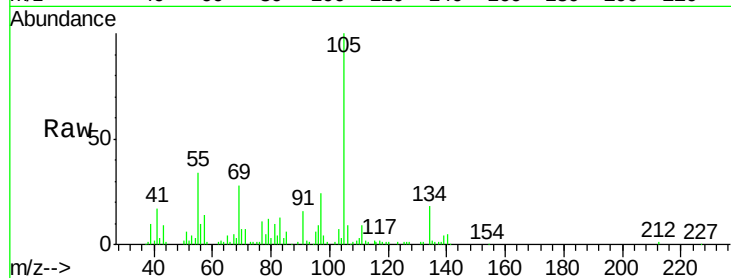
105 100

134 18.7 14.9 22.3

Manual Integrations
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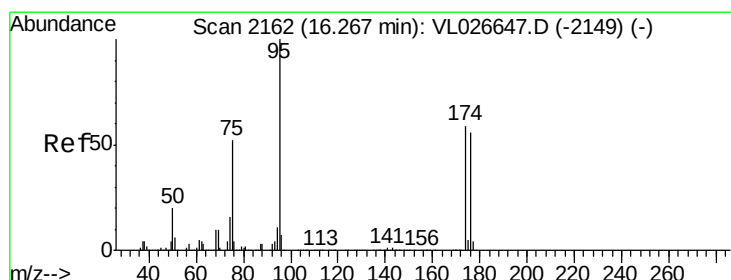
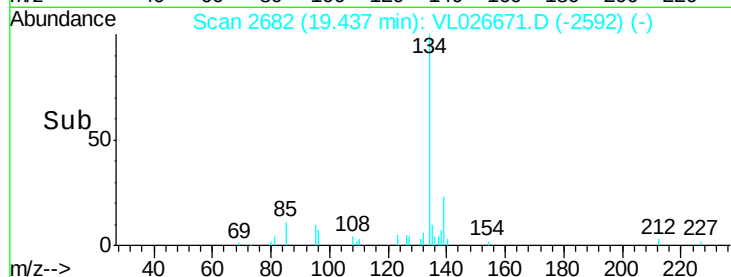
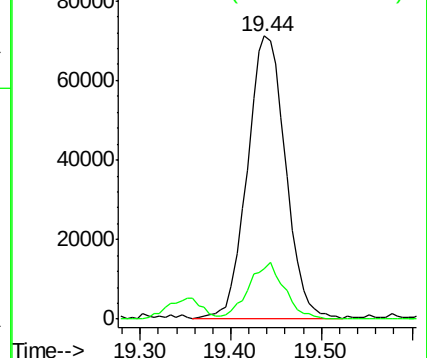
apatel

1/13/2016 11:53:23 AM



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.89 ppbv

RT: 16.32 min Scan# 2170

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

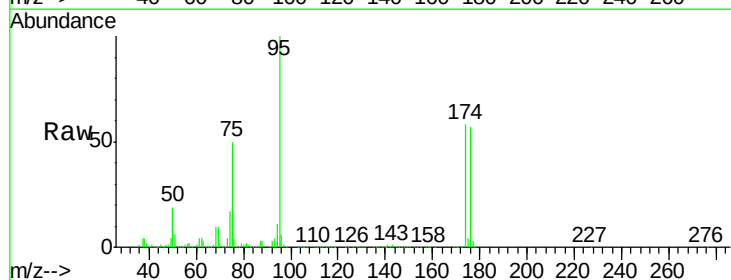
Tgt Ion: 95 Resp: 2379802

Ion Ratio Lower Upper

95 100

174 60.2 47.8 71.8

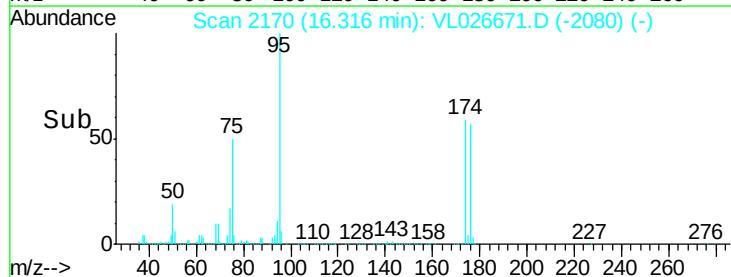
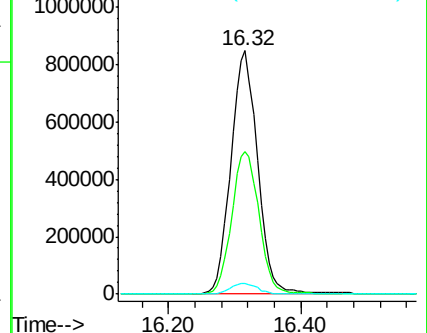
175 4.4 3.6 5.4

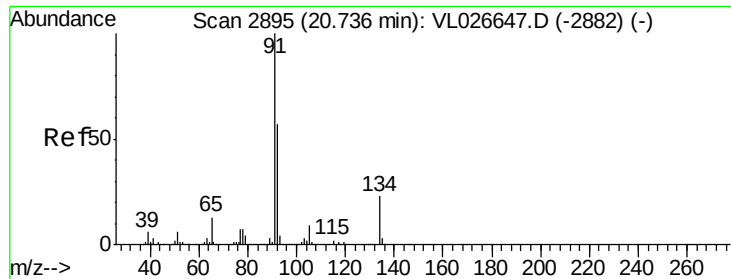


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#70

n-Butylbenzene

Concen: 0.69 ppbv

RT: 20.79 min Scan# 2904

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

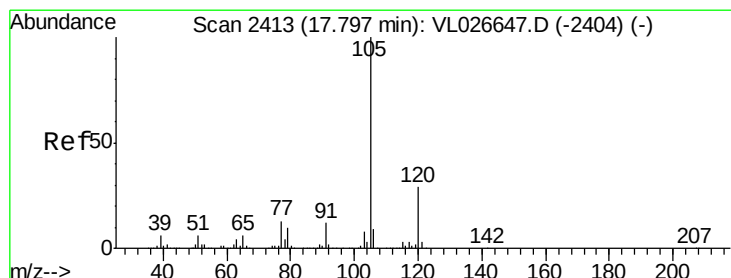
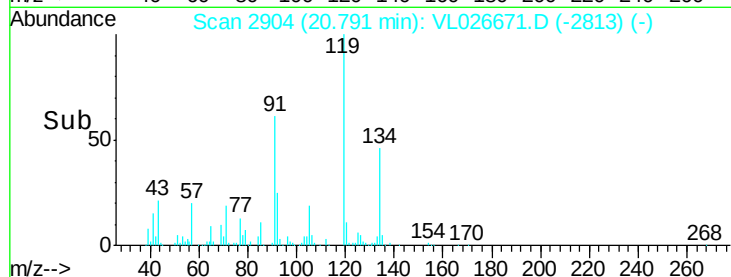
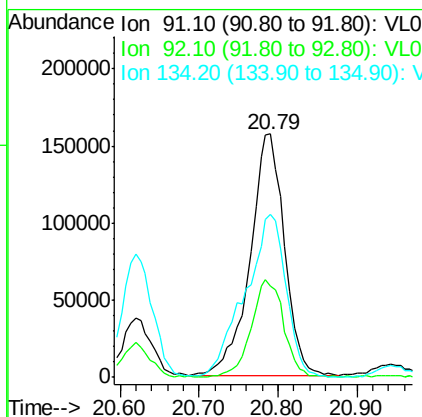
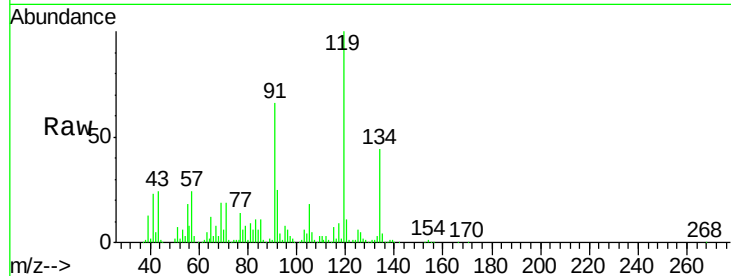
ClientSampled :

IA-01

Tot Ion:	91	Resp:	476409
Ion Ratio	Lower	Upper	
91	100		
92	37.9	45.0	67.4#
134	80.1	18.2	27.2#

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#72

4-Ethyltoluene

Concen: 1.37 ppbv

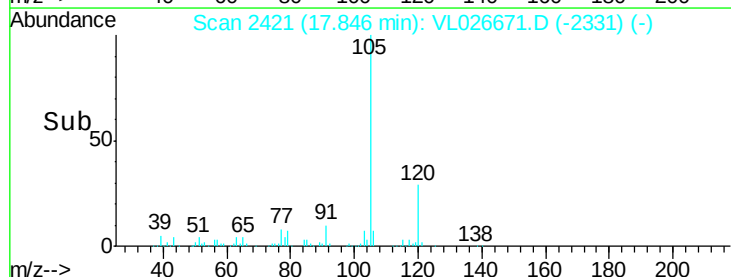
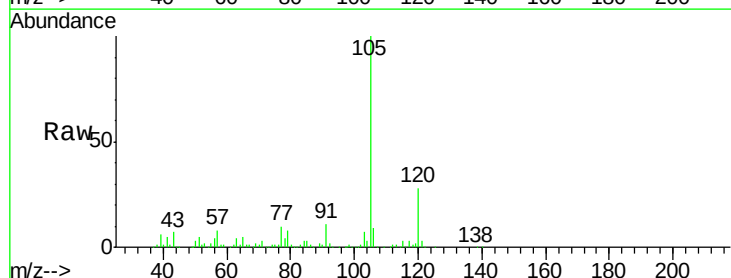
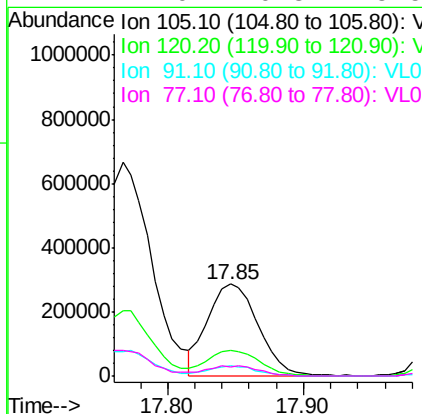
RT: 17.85 min Scan# 2421

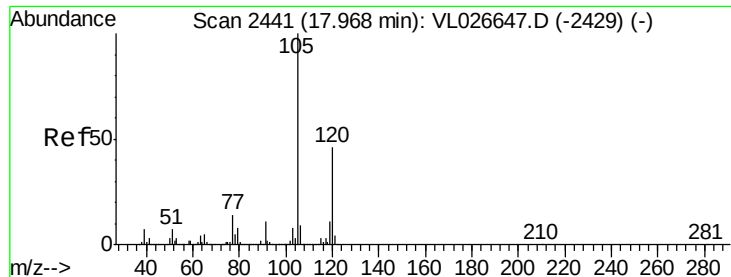
Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tgt Ion:	105	Resp:	734927
Ion Ratio	Lower	Upper	
105	100		
120	29.7	23.7	35.5
91	11.1	9.7	14.5
77	12.0	10.3	15.5





#73

1,3,5-Trimethylbenzene

Concen: 1.37 ppbv

RT: 18.02 min Scan# 2449

Delta R.T. 0.05 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Instrument :

MSVOA_L

ClientSampleId :

IA-01

Tot Ion:105 Resp: 696846

Ion Ratio Lower Upper

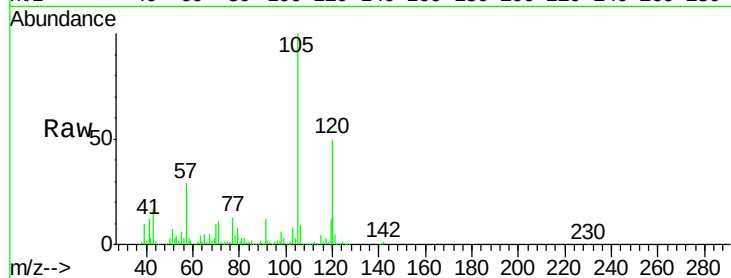
105 100

120 49.6 36.6 54.8

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

300000

250000

200000

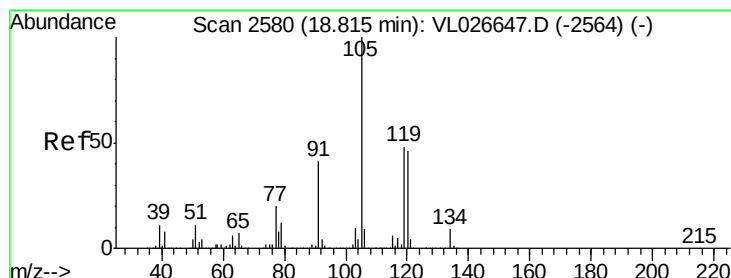
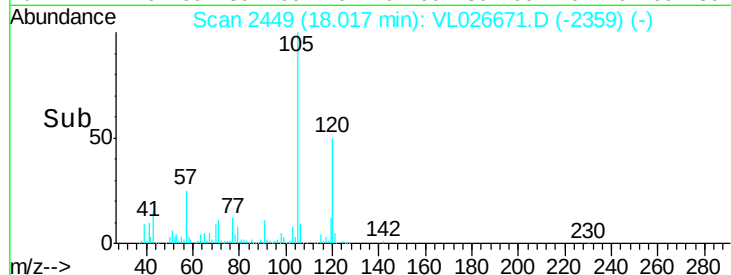
150000

100000

50000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 4.94 ppbv

RT: 18.86 min Scan# 2587

Delta R.T. 0.04 min

Lab File: VL026671.D

Acq: 12 Jan 2016 12:43

Tgt Ion:105 Resp: 2669501

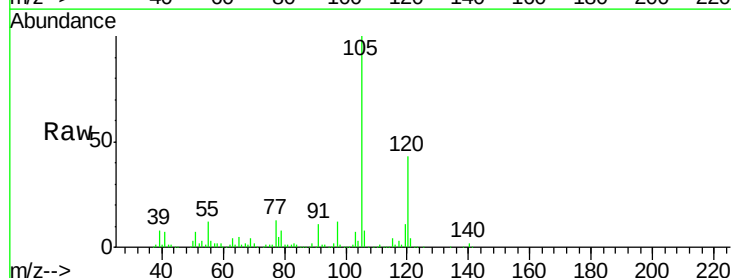
Ion Ratio Lower Upper

105 100

120 42.7 36.6 55.0

91 10.6 32.5 48.7#

77 12.9 15.7 23.5#



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

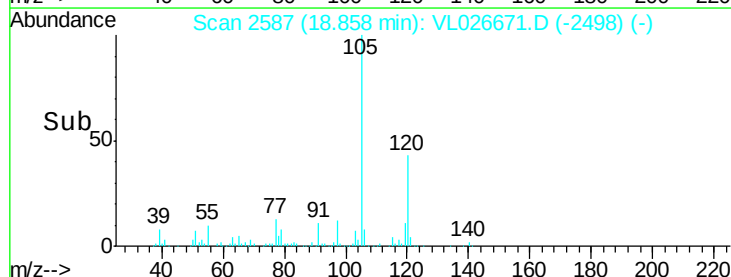
1500000

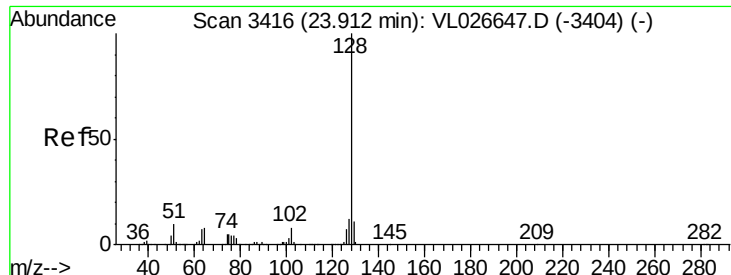
1000000

500000

0

Time-->





#79
Naphthalene
Concen: 0.82 ppbv
RT: 23.96 min Scan# 3424
Delta R.T. 0.05 min
Lab File: VL026671.D
Acq: 12 Jan 2016 12:43

Instrument :
MSVOA_L
ClientSampleId :
IA-01

Tot Ion:	128	Resp:	299747
Ion Ratio		Lower	Upper
128	100		
127	10.5	9.8	14.8
129	9.2	8.9	13.3

Manual Integrations
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