

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025763.D
 Acq On : 27 Jul 2015 21:38
 Operator : SY/MD
 Sample : G3100-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 7/28/2015 12:57:25 PM

Quant Time: Jul 28 11:29:56 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 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	651702	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1758243	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2125394	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1859062	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.64	85	53271	0.32	ppbv	97
3) Chlorodifluoromethane	3.56	51	120119m	1.31	ppbv	
4) Chloromethane	3.75	50	33900	0.81	ppbv	92
9) Propene	3.60	41	47891m	1.57	ppbv	
10) Heptane	9.35	43	255233	2.15	ppbv #	71
11) Trichlorofluoromethane	4.69	101	43629	0.20	ppbv	92
13) Ethanol	4.32	45	1651864	348.19	ppbv	97
17) tert-Butyl alcohol	5.14	59	44881	0.46	ppbv	98
19) Isopropyl Alcohol	4.75	45	1512986	32.92	ppbv #	99
20) Methylene Chloride	5.14	84	87406	1.87	ppbv	93
26) Hexane	6.65	57	47395m	0.58	ppbv	
27) Carbon Disulfide	5.38	76	17454	0.13	ppbv #	47
29) Chloroform	6.74	83	1139981	7.04	ppbv	98
30) Cyclohexane	8.28	84	86011	1.10	ppbv #	64
34) 2-Butanone	6.19	43	438901	4.40	ppbv	99
35) Carbon Tetrachloride	8.16	117	18590	0.10	ppbv	88
36) Benzene	8.02	78	50988	0.30	ppbv	95
37) 1,2-Dichloroethane	7.37	62	66864	0.47	ppbv	99
38) Trichloroethene	9.06	130	2529m	0.03	ppbv	
39) 1,2-Dichloropropane	8.82	63	9687	0.16	ppbv	93
41) Tetrahydrofuran	7.13	42	30083	0.60	ppbv	89
42) Bromodichloromethane	9.02	83	28773	0.17	ppbv #	93
43) Methyl Methacrylate	9.26	69	22985	0.36	ppbv	92
44) 2,2,4-Trimethylpentane	9.08	57	114020	0.39	ppbv #	79
50) 4-Methyl-2-Pentanone	10.09	43	43171	0.30	ppbv	89
52) Tetrachloroethene	12.79	164	268716	3.18	ppbv	96
53) Toluene	11.24	91	7958891	33.63	ppbv	95
58) Ethyl Benzene	14.41	91	255631	0.73	ppbv	96
59) m/p-Xylene	14.69	91	557985	1.81	ppbv	97
60) o-Xylene	15.49	91	239491	0.72	ppbv	99
61) Styrene	15.30	104	148028	1.27	ppbv	99
62) Isopropylbenzene	16.55	105	49347	0.11	ppbv	99
64) n-propylbenzene	17.52	120	34163	0.29	ppbv	89
69) p-Isopropyltoluene	19.78	119	1203376	2.44	ppbv	97
72) 4-Ethyltoluene	17.82	105	212183	0.58	ppbv	96
73) 1,3,5-Trimethylbenzene	17.98	105	211414	0.59	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	590712	1.46	ppbv #	69
76) 1,4-Dichlorobenzene	19.27	146	323838	1.23	ppbv	96
79) Naphthalene	23.92	128	93833	0.24	ppbv	98

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Manual Integrations
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MMDadoda
7/28/2015 12:57:25 PM

Quant Time: Jul 28 11:29:56 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

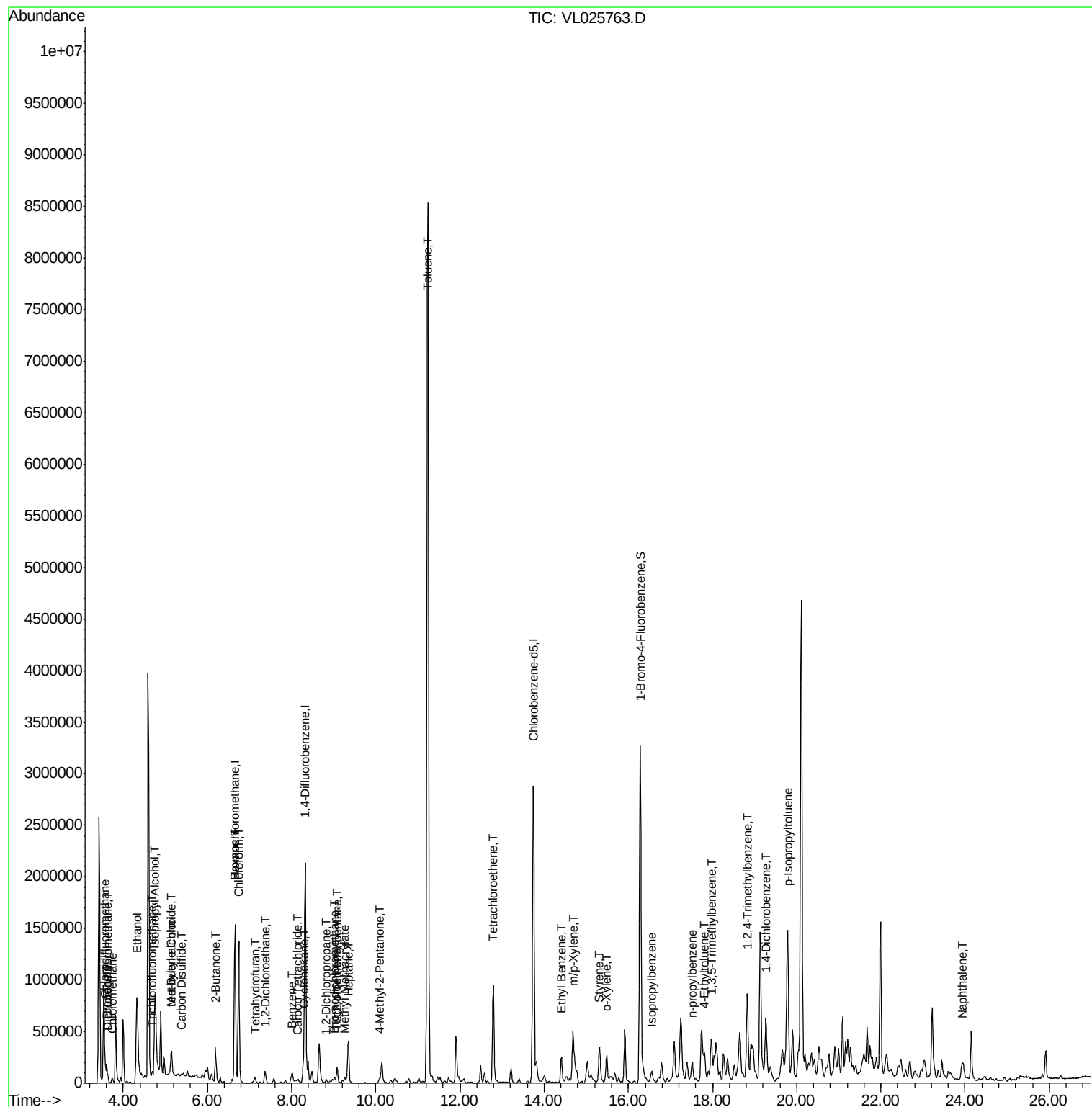
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025763.D
Acq On : 27 Jul 2015 21:38
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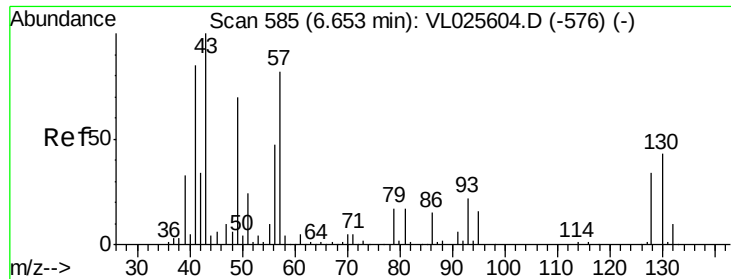
Instrument :
MSVOA_L
ClientSampleId :
IA-1

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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: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

ClientSampled :

IA-1

Tgt Ion: 49 Resp: 651702

Ion Ratio Lower Upper

49 100

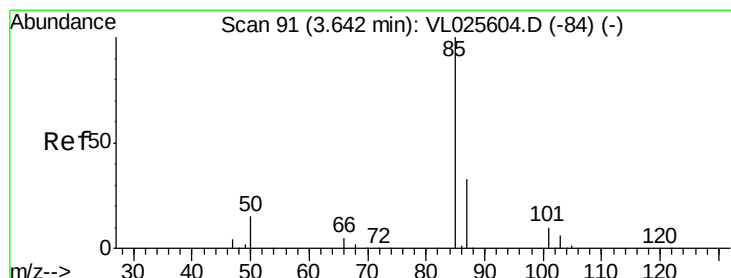
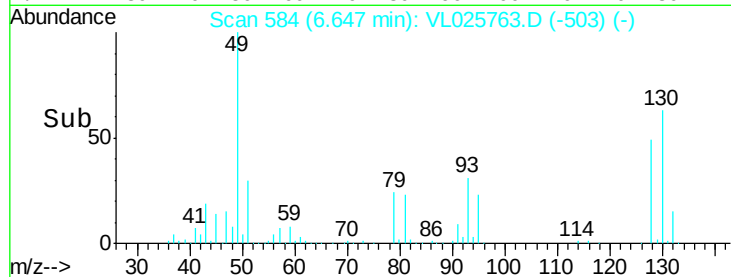
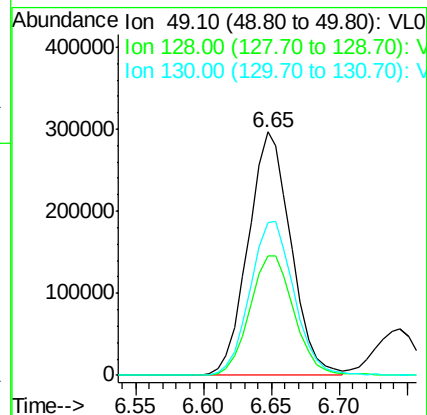
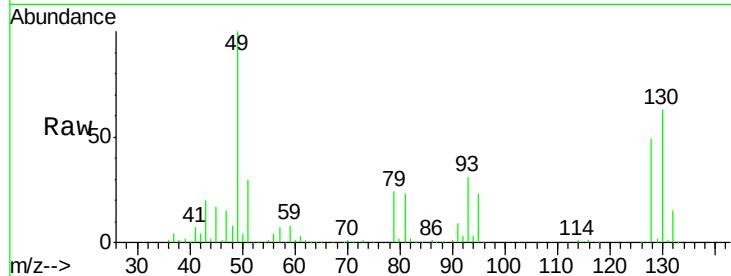
128 51.2 25.4 76.0

130 65.8 31.9 95.9

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 0.32 ppbv

RT: 3.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VL025763.D

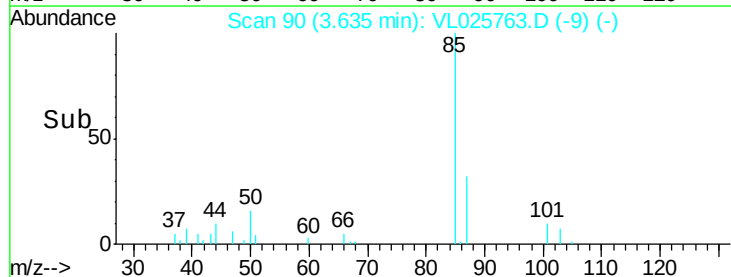
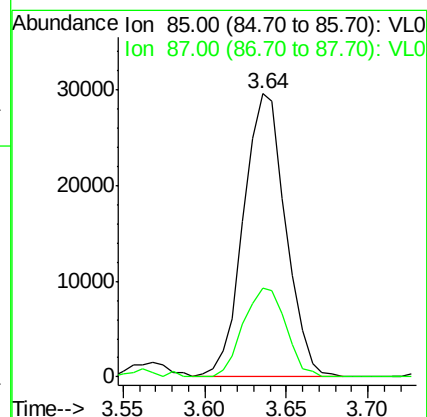
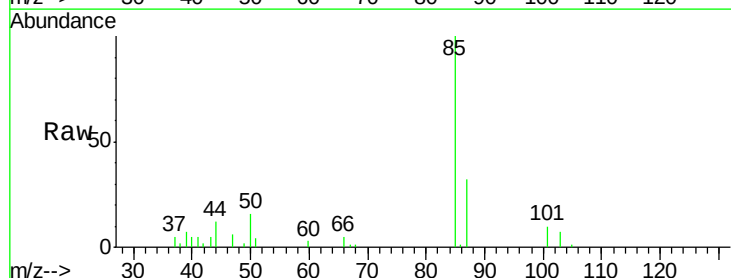
Acq: 27 Jul 2015 21:38

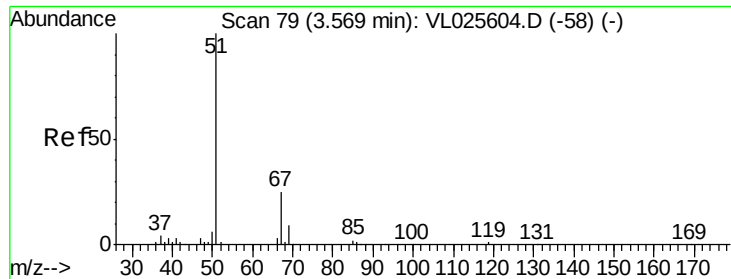
Tgt Ion: 85 Resp: 53271

Ion Ratio Lower Upper

85 100

87 31.6 26.5 39.7





#3

Chlorodifluoromethane

Concen: 1.31 ppbv m

RT: 3.56 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

ClientSampleId :

IA-1

Tgt Ion: 51 Resp: 120119

Ion Ratio Lower Upper

51 100

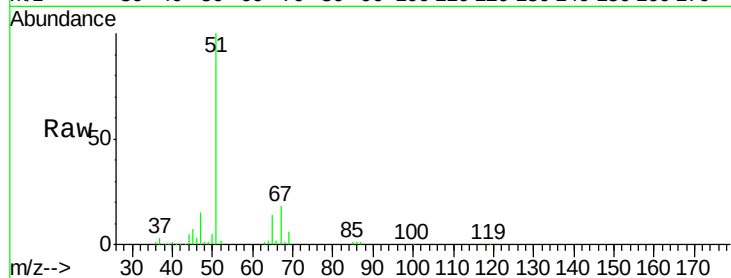
67 42.1 19.5 29.3#

Manual Integrations

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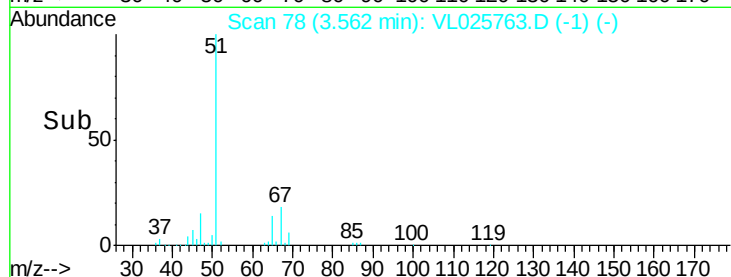
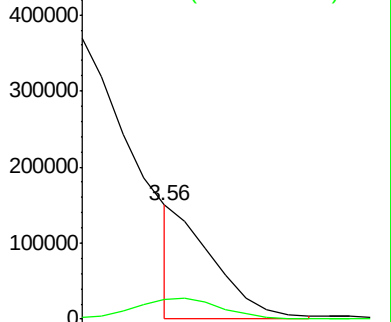
MMDadoda

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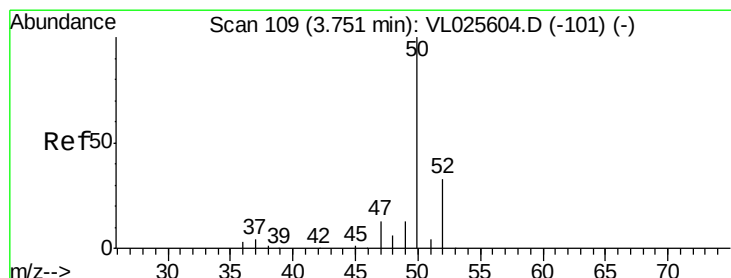


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 0.81 ppbv

RT: 3.75 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL025763.D

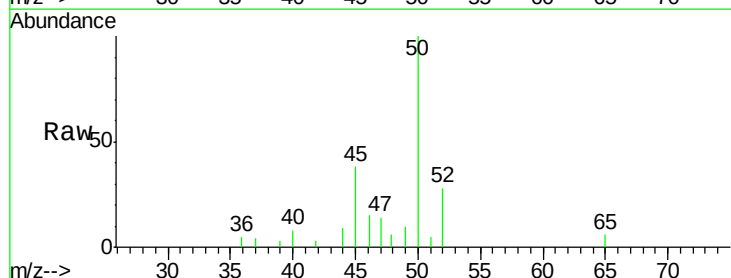
Acq: 27 Jul 2015 21:38

Tgt Ion: 50 Resp: 33900

Ion Ratio Lower Upper

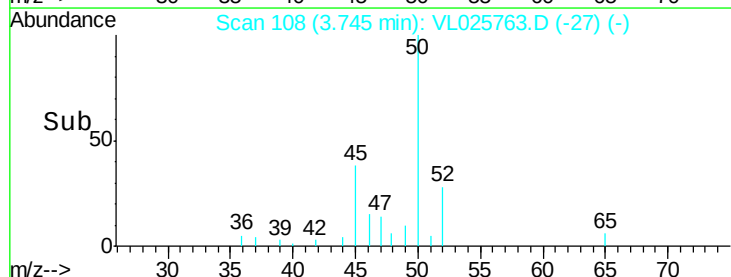
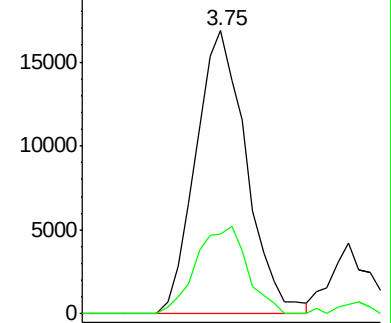
50 100

52 28.1 26.2 39.2

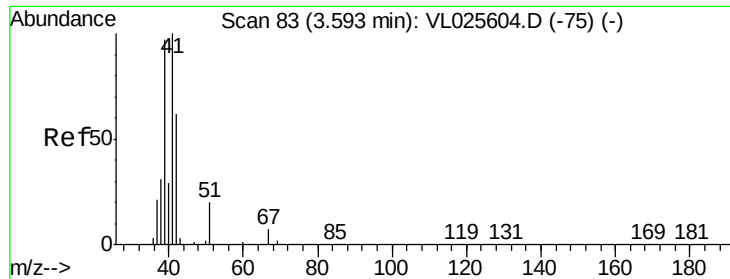


Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



Time-->



#9

Propene

Concen: 1.57 ppbv m

RT: 3.60 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

ClientSampled :

IA-1

Tgt Ion: 41 Resp: 47891

Ion Ratio Lower Upper

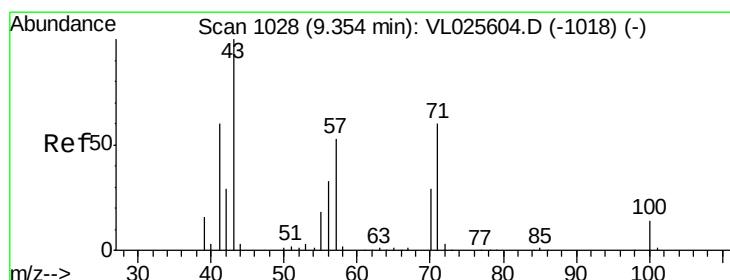
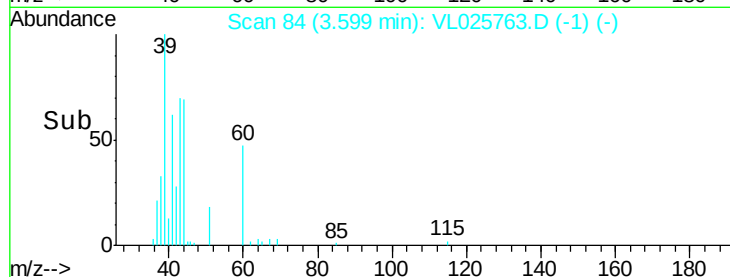
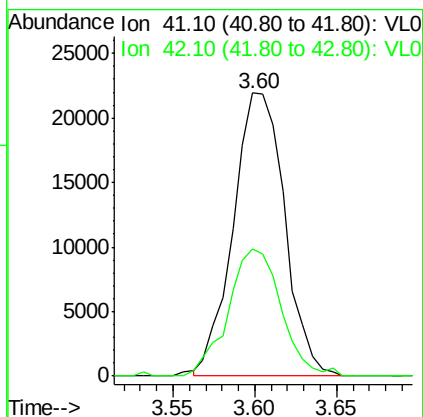
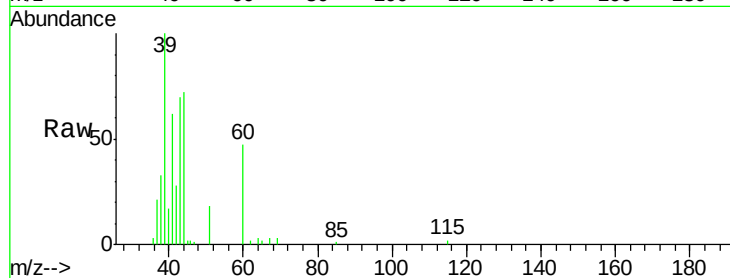
41 100

42 319.9 52.4 78.6#

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#10

Heptane

Concen: 2.15 ppbv

RT: 9.35 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VL025763.D

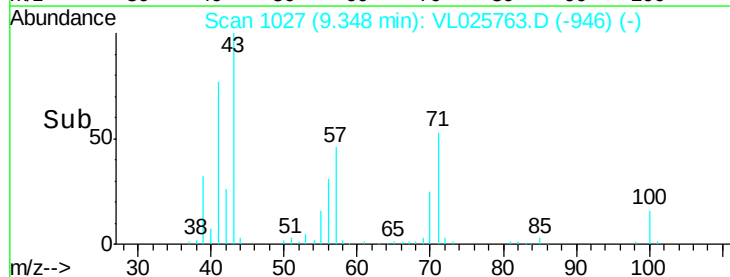
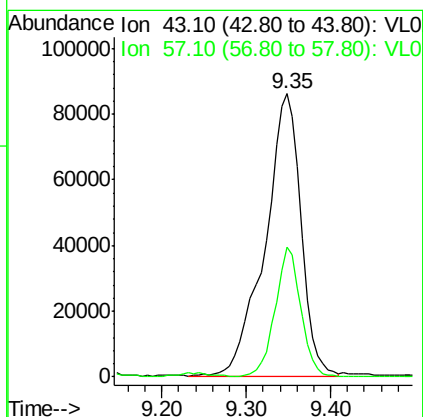
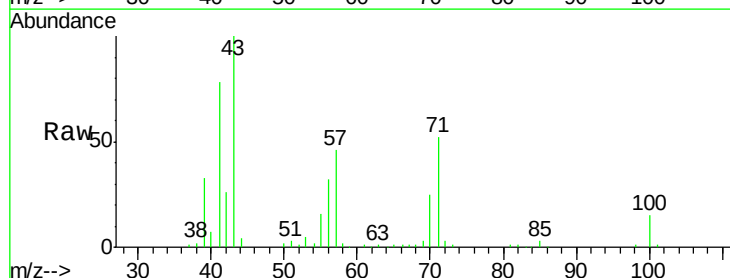
Acq: 27 Jul 2015 21:38

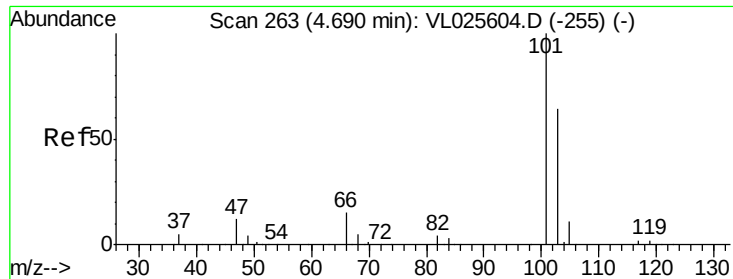
Tgt Ion: 43 Resp: 255233

Ion Ratio Lower Upper

43 100

57 32.8 42.6 64.0#





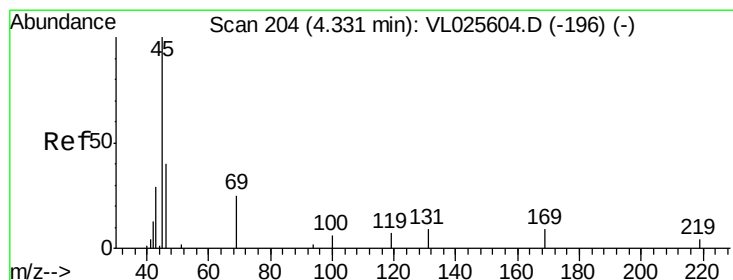
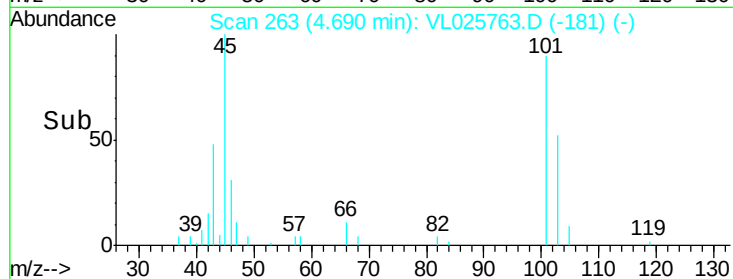
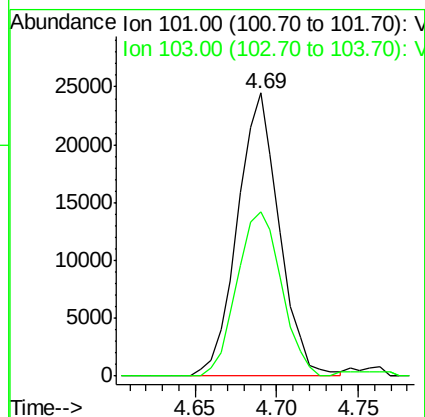
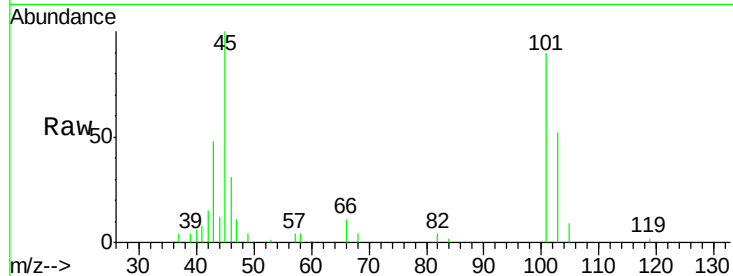
#11
Trichlorofluoromethane
Concen: 0.20 ppbv
RT: 4.69 min Scan# 263
Delta R.T. -0.00 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampled :
IA-1

Tgt Ion: 101 Resp: 43629
Ion Ratio Lower Upper
101 100
103 57.9 51.4 77.2

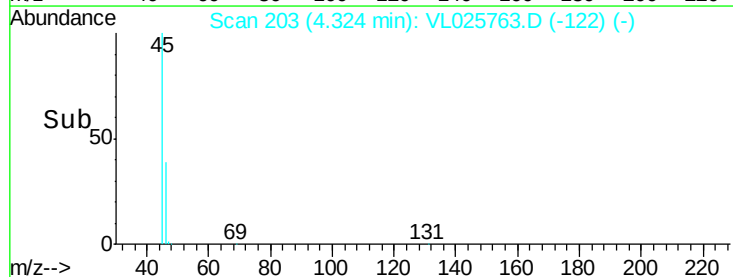
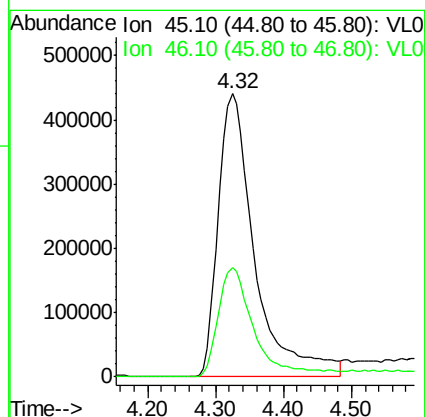
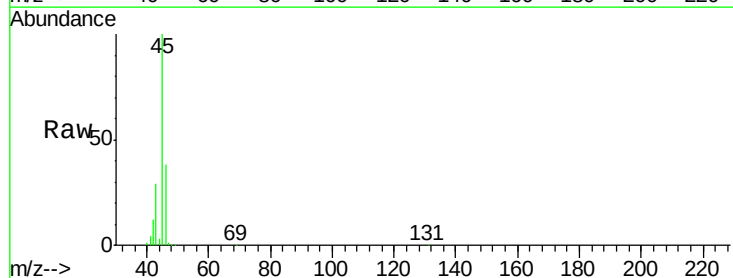
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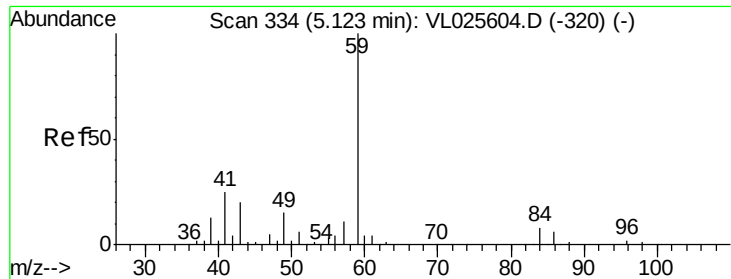
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#13
Ethanol
Concen: 348.19 ppbv
RT: 4.32 min Scan# 203
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 45 Resp: 1651864
Ion Ratio Lower Upper
45 100
46 38.2 16.0 64.0





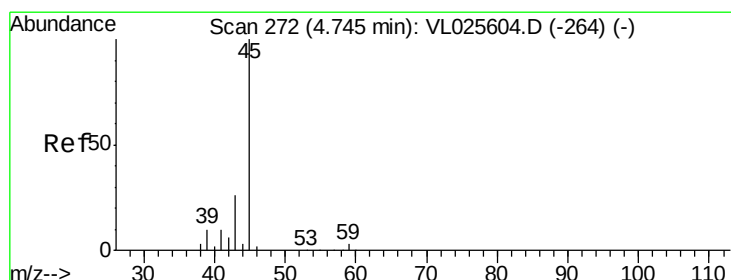
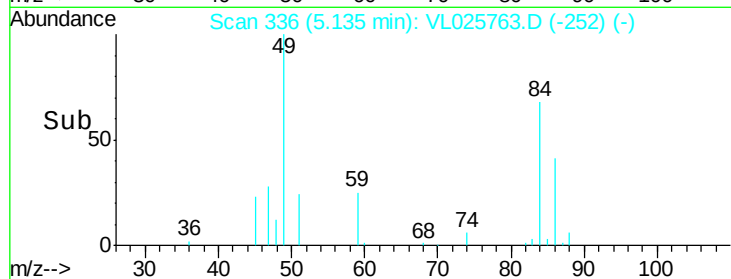
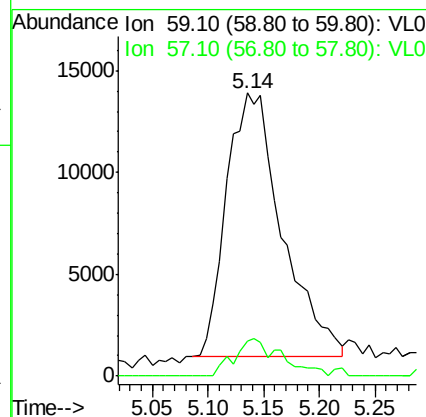
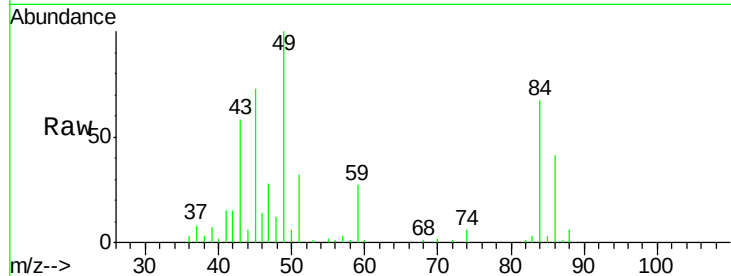
#17
 tert-Butyl alcohol
 Concen: 0.46 ppbv
 RT: 5.14 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Tgt Ion: 59 Resp: 44881
 Ion Ratio Lower Upper
 59 100
 57 12.7 9.4 14.2

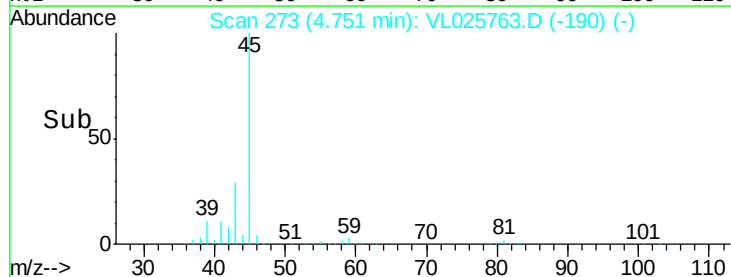
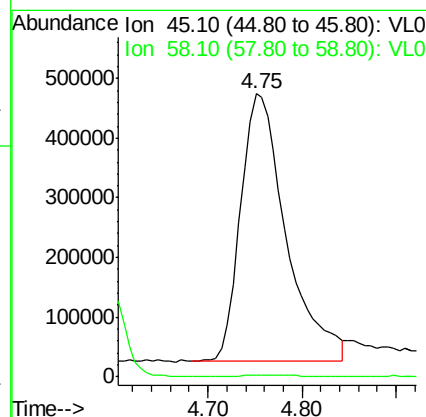
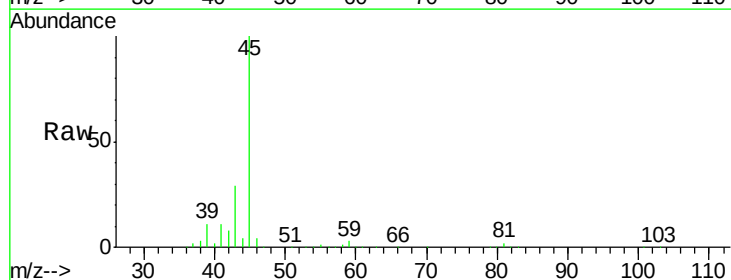
Manual Integrations
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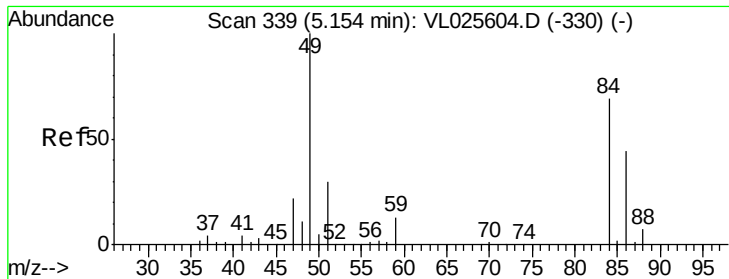
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#19
 Isopropyl Alcohol
 Concen: 32.92 ppbv
 RT: 4.75 min Scan# 273
 Delta R.T. 0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Tgt Ion: 45 Resp: 1512986
 Ion Ratio Lower Upper
 45 100
 58 1.1 1.1 1.7#





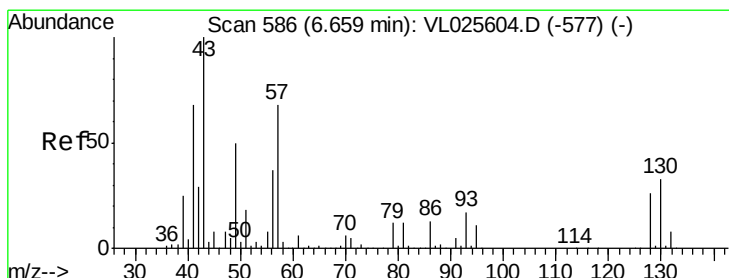
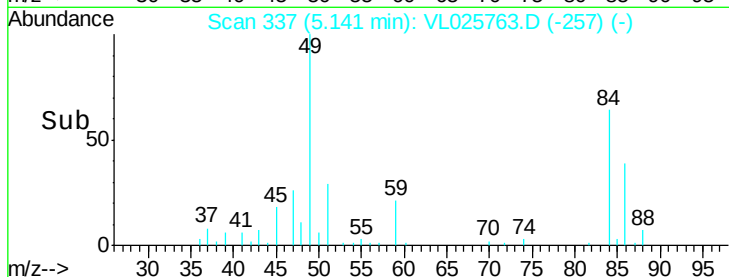
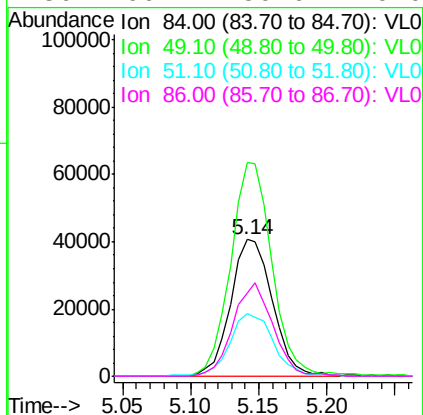
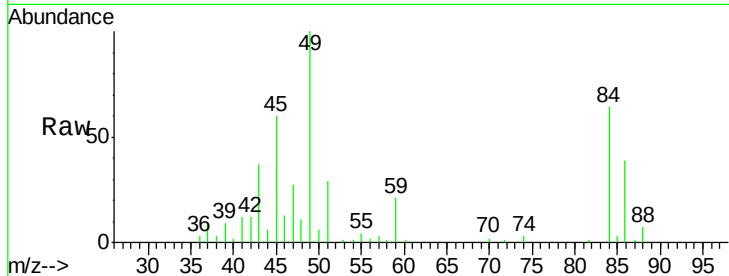
#20
Methylene Chloride
Concen: 1.87 ppbv
RT: 5.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampled :
IA-1

Tgt Ion	Ratio	Lower	Upper
84	100		
49	156.3	115.2	172.8
51	44.5	35.0	52.6
86	60.7	50.6	76.0

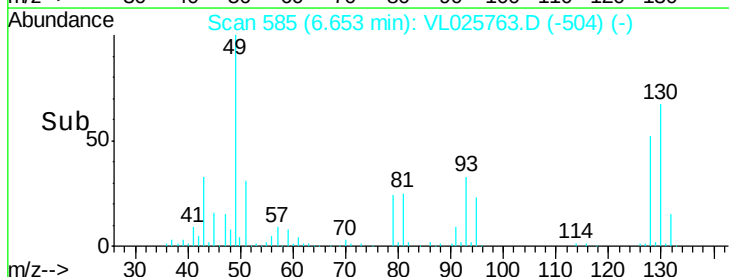
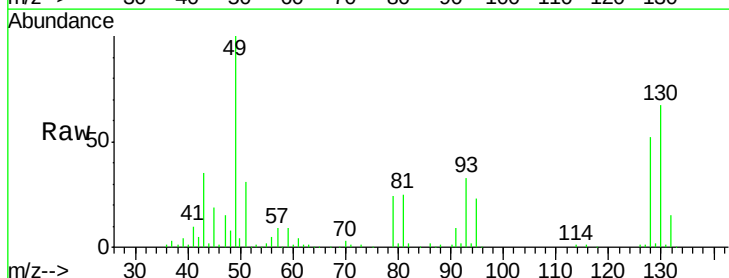
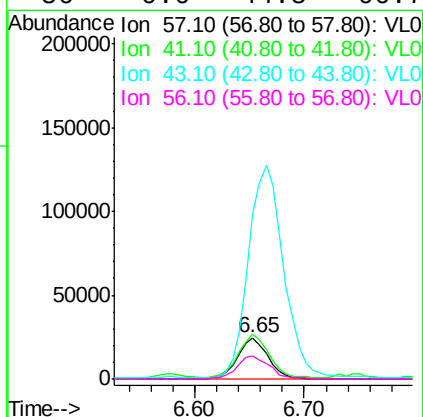
Manual Integrations
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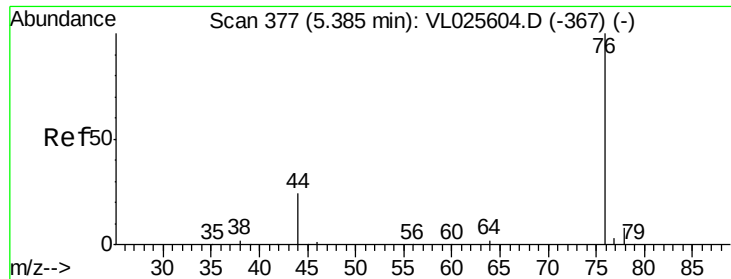
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#26
Hexane
Concen: 0.58 ppbv m
RT: 6.65 min Scan# 585
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion	Ratio	Lower	Upper
57	100		
41	0.0	81.4	122.2#
43	0.0	171.4	257.2#
56	0.0	44.5	66.7#





#27

Carbon Disulfide

Concen: 0.13 ppbv

RT: 5.38 min Scan# 377

Delta R.T. -0.00 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

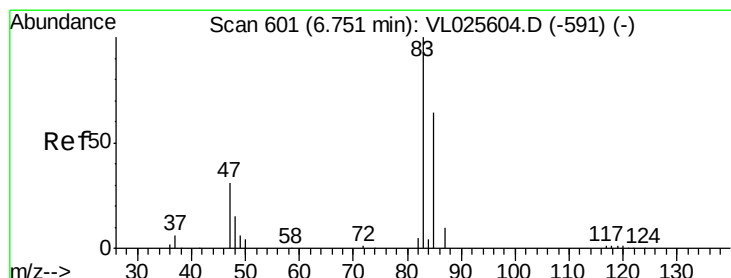
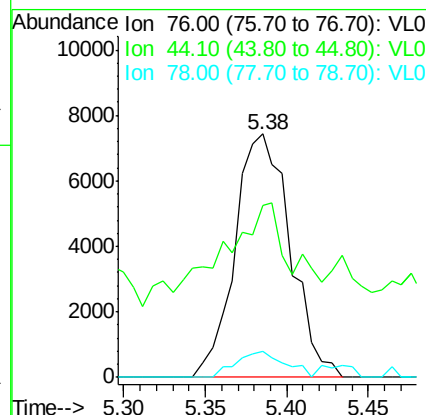
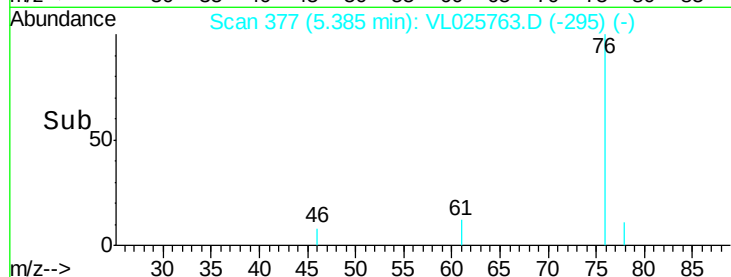
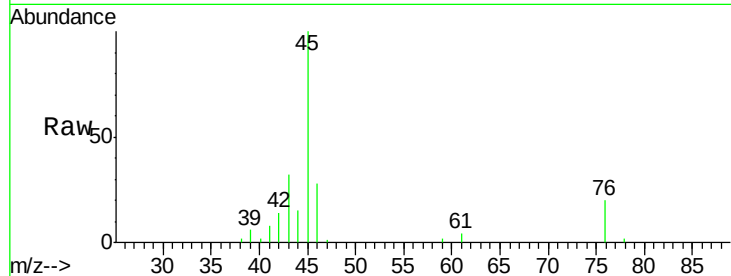
ClientSampled :

IA-1

Tgt Ion:	76	Resp:	17454
Ion Ratio	Lower	Upper	
76	100		
44	60.1	20.2	30.4#
78	13.0	7.4	11.2#

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#29

Chloroform

Concen: 7.04 ppbv

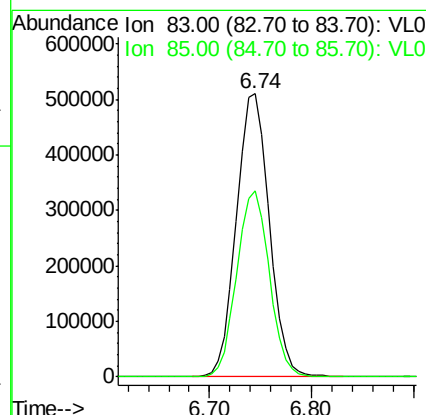
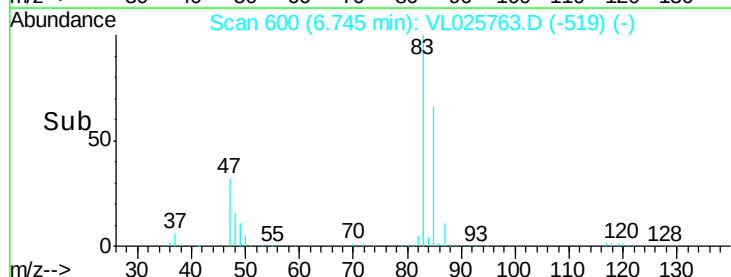
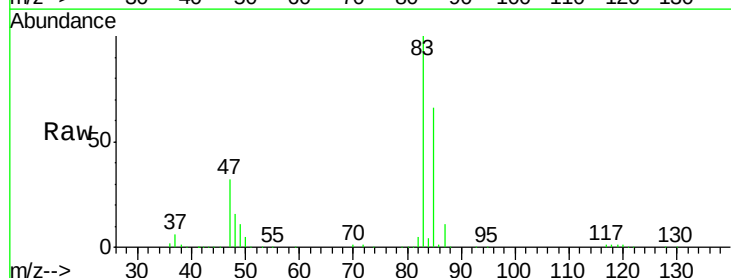
RT: 6.74 min Scan# 600

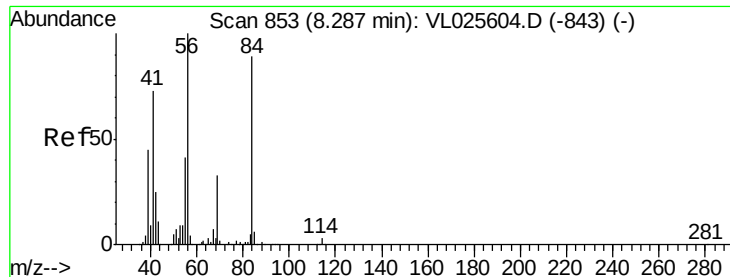
Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Tgt Ion:	83	Resp:	1139981
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.6	77.4





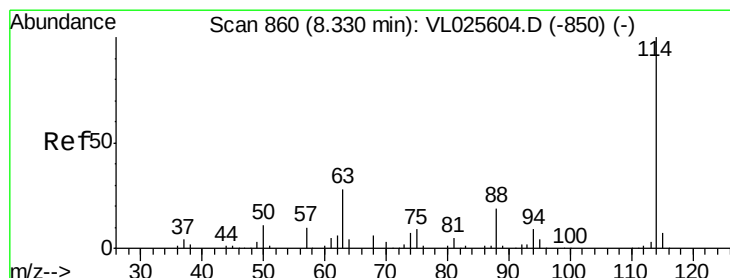
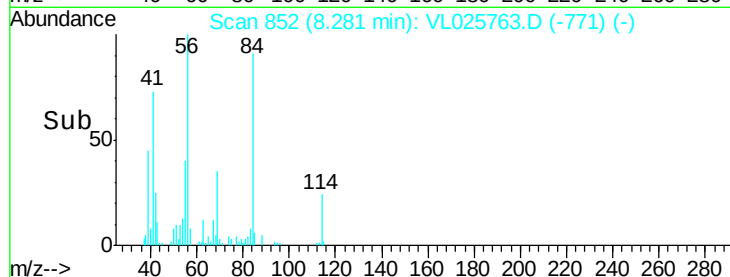
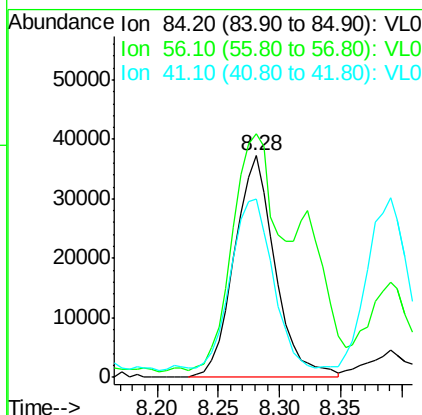
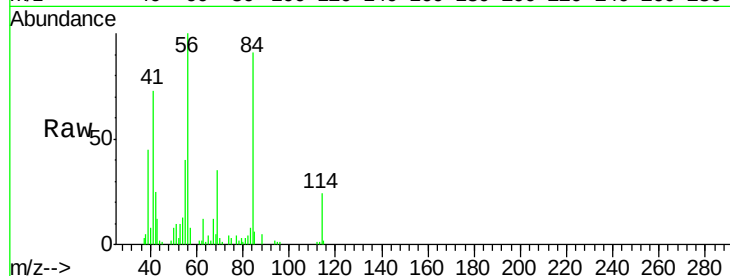
#30
Cyclohexane
Concen: 1.10 ppbv
RT: 8.28 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampled :
IA-1

Tgt Ion	Ratio	Lower	Upper
84	100		
56	186.2	97.5	146.3#
41	86.2	65.4	98.2

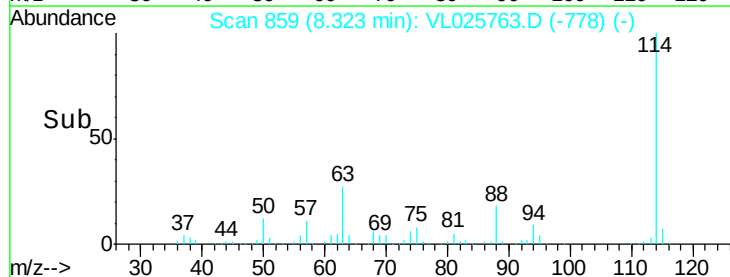
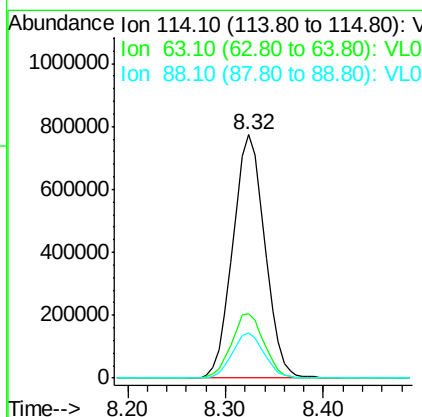
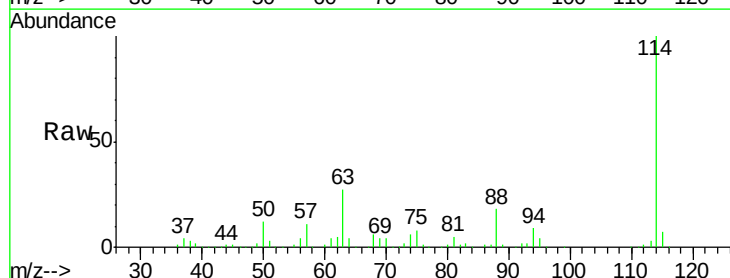
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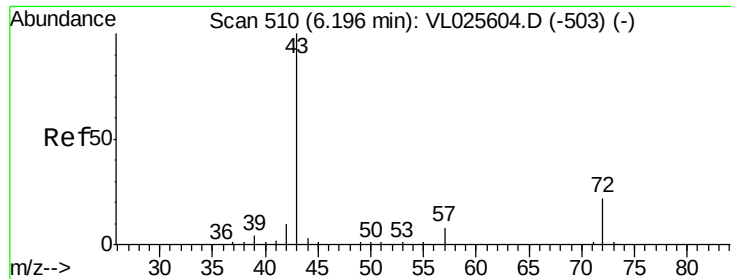
MMDadoda
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.32 min Scan# 859
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.3	15.0	22.4





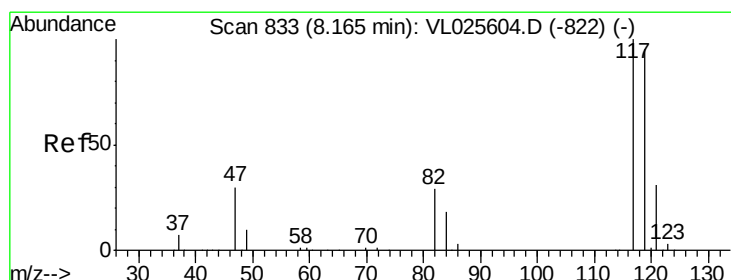
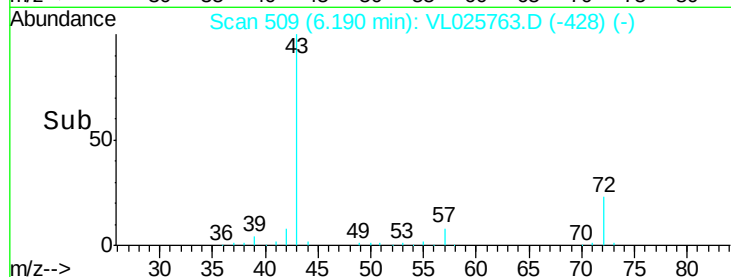
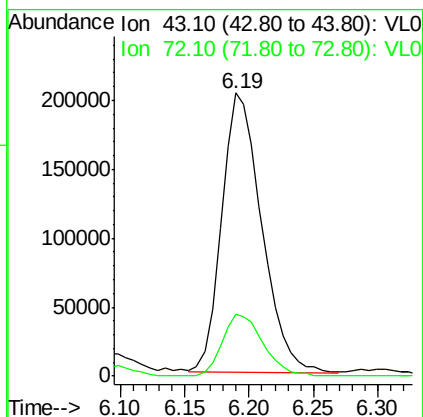
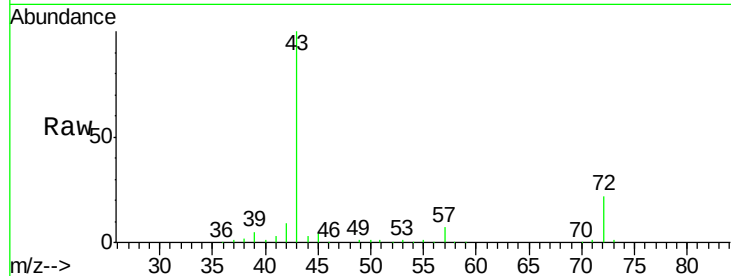
#34
2-Butanone
Concen: 4.40 ppbv
RT: 6.19 min Scan# 509
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 43 Resp: 438901
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

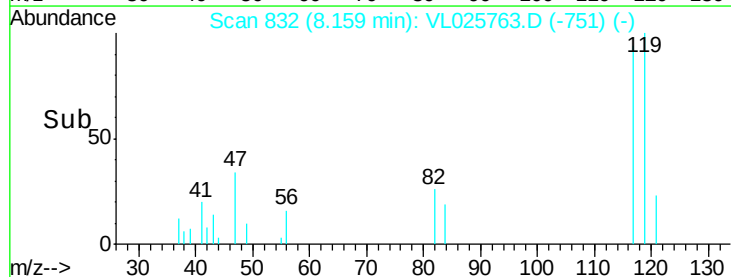
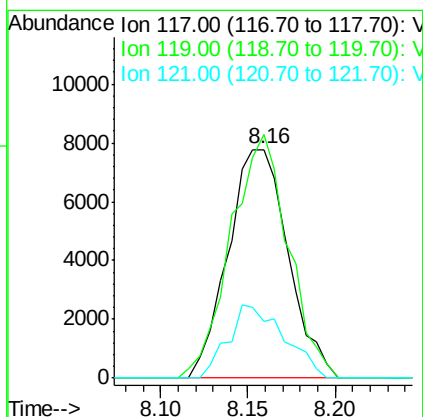
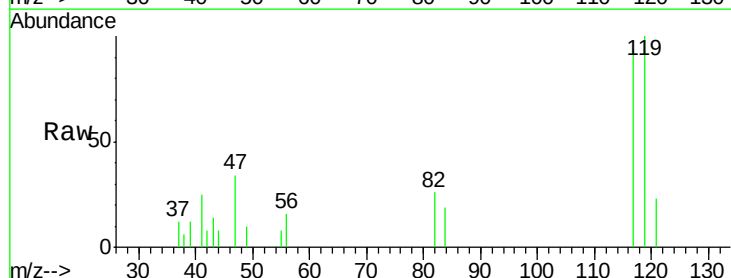
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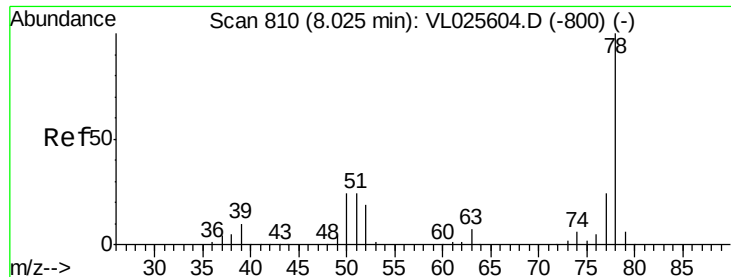
MMDadoda
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#35
Carbon Tetrachloride
Concen: 0.10 ppbv
RT: 8.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 117 Resp: 18590
Ion Ratio Lower Upper
117 100
119 106.5 75.9 113.9
121 24.9 24.4 36.6





#36

Benzene

Concen: 0.30 ppbv

RT: 8.02 min Scan# 809

Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

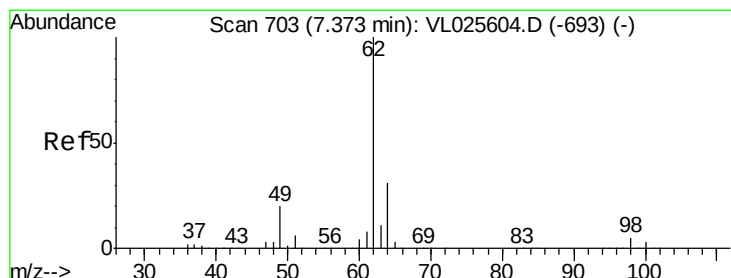
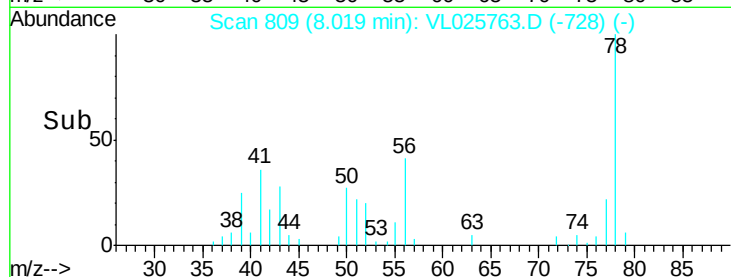
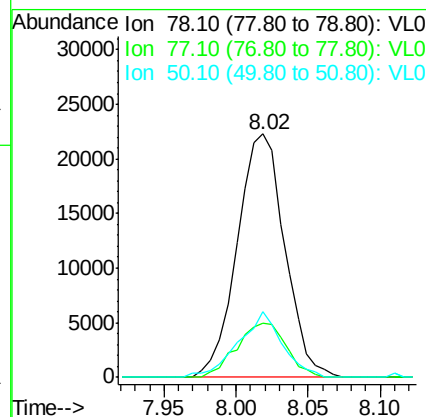
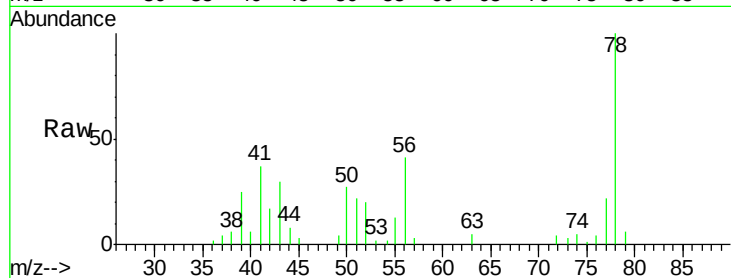
ClientSampled :

IA-1

Tgt Ion:	78	Resp:	50988
Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4
50	26.8	19.2	28.8

Manual Integrations
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#37

1,2-Dichloroethane

Concen: 0.47 ppbv

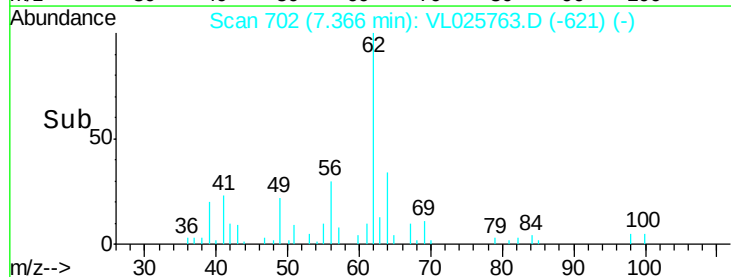
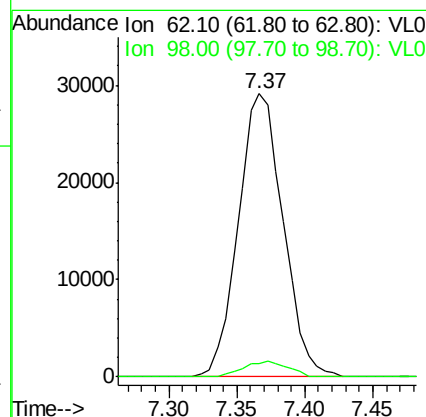
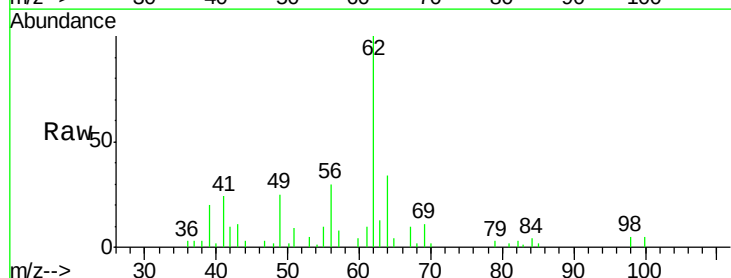
RT: 7.37 min Scan# 702

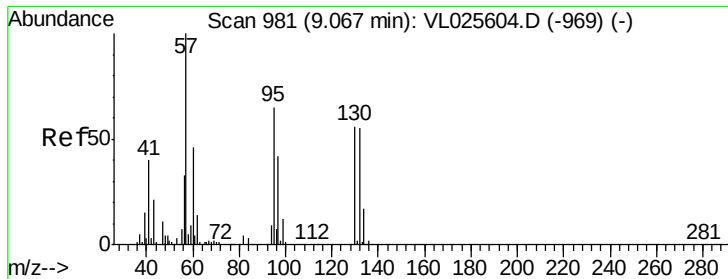
Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Tgt Ion:	62	Resp:	66864
Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.1	6.1





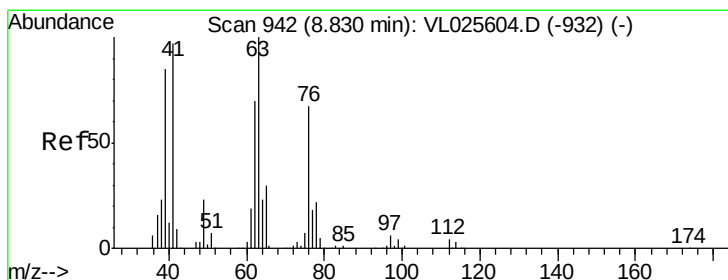
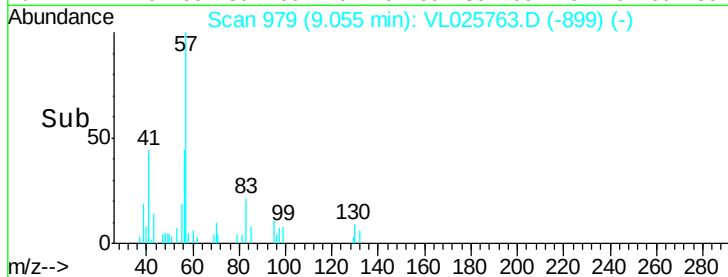
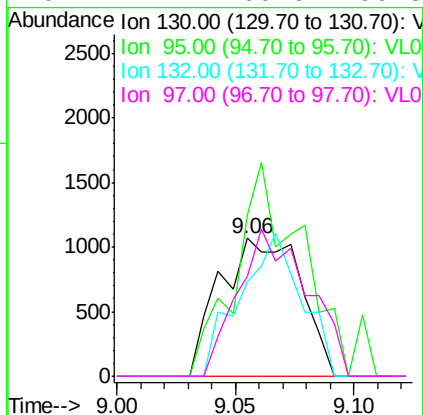
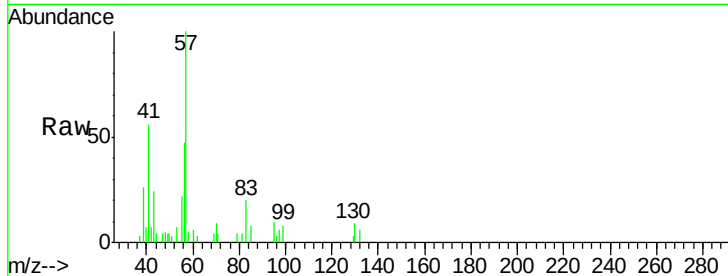
#38
 Trichloroethene
 Concen: 0.03 ppbv m
 RT: 9.06 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Instrument :
 MSVOA_L
 ClientSampled :
 IA-1

Tgt Ion:	130	Resp:	2529
Ion Ratio	Lower	Upper	
130	100		
95	116.8	94.2	141.4
132	68.8	78.6	118.0#
97	72.4	60.6	90.8

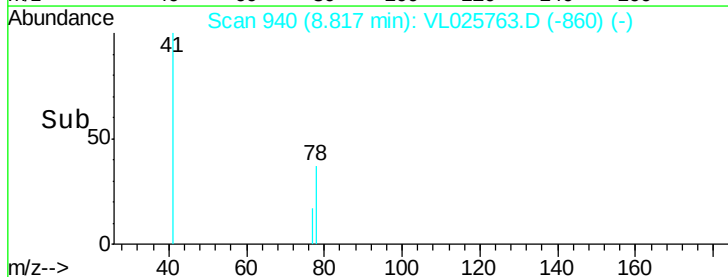
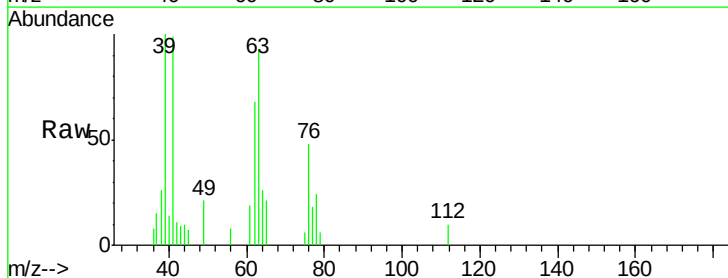
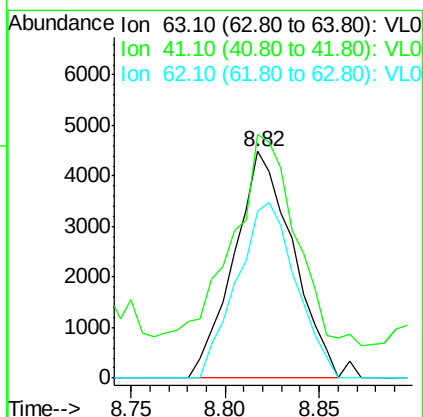
Manual Integrations
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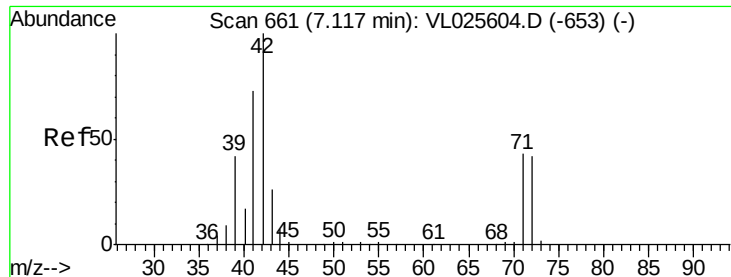
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#39
 1,2-Dichloropropane
 Concen: 0.16 ppbv
 RT: 8.82 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Tgt Ion:	63	Resp:	9687
Ion Ratio	Lower	Upper	
63	100		
41	90.0	78.0	117.0
62	73.6	55.7	83.5





#41

Tetrahydrofuran

Concen: 0.60 ppbv

RT: 7.13 min Scan# 663

Delta R.T. 0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

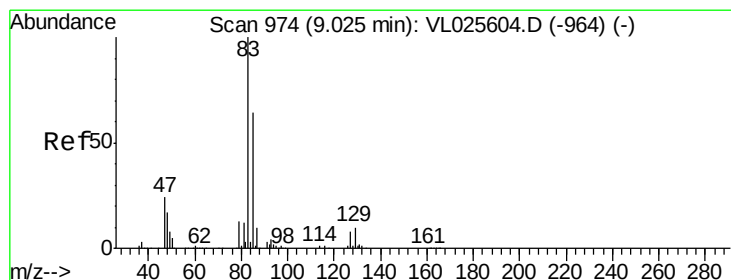
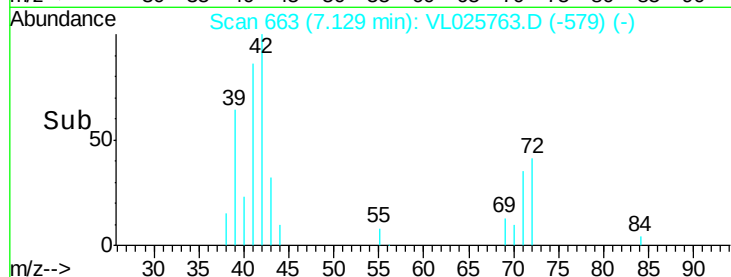
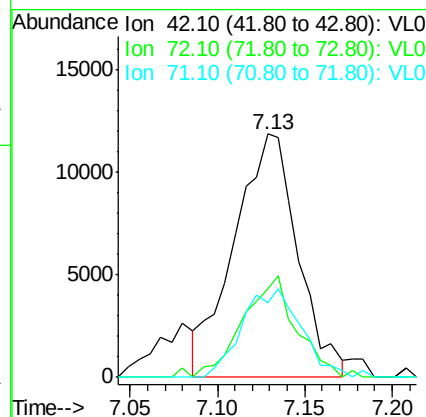
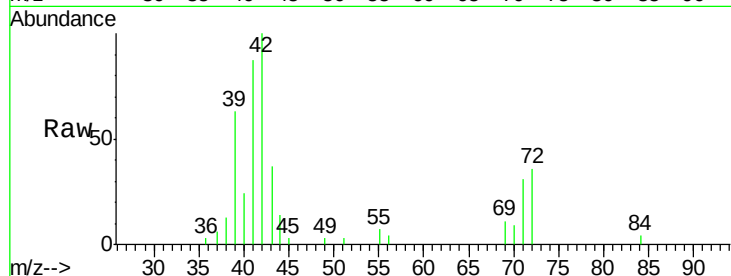
ClientSampleId :

IA-1

Tgt Ion:	42	Resp:	30083
Ion Ratio	Lower	Upper	
42	100		
72	35.7	34.0	51.0
71	34.2	33.0	49.6

Manual Integrations
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#42

Bromodichloromethane

Concen: 0.17 ppbv

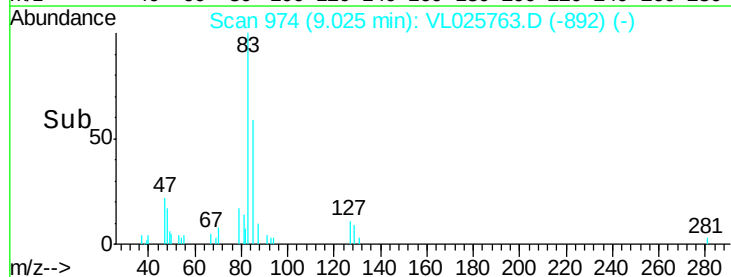
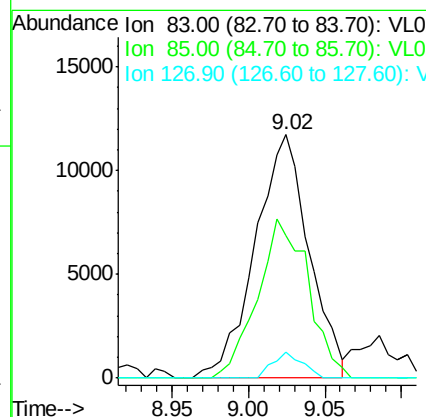
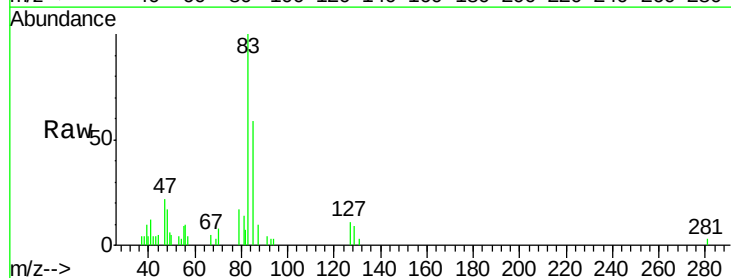
RT: 9.02 min Scan# 974

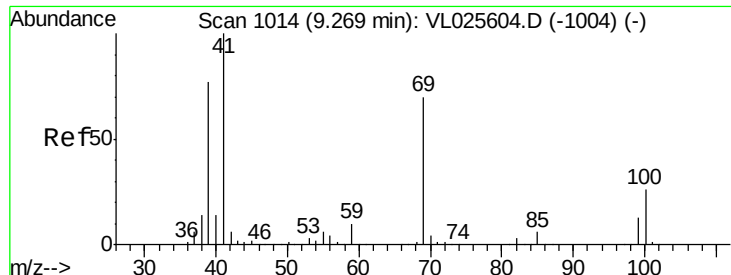
Delta R.T. -0.00 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Tgt Ion:	83	Resp:	28773
Ion Ratio	Lower	Upper	
83	100		
85	58.7	51.3	76.9
127	10.7	6.0	9.0#





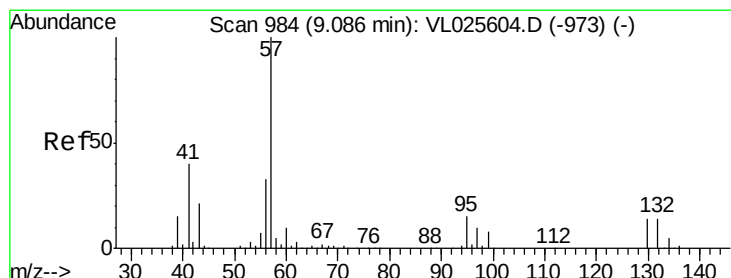
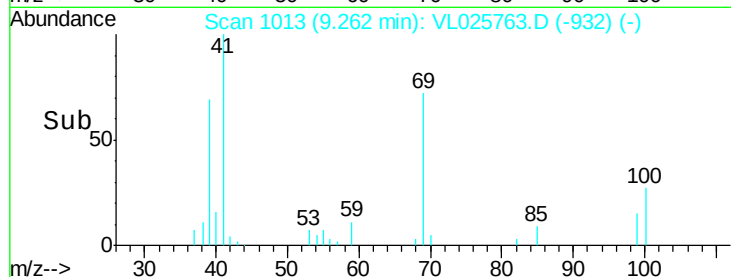
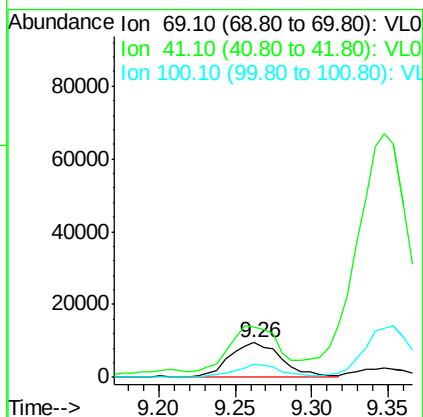
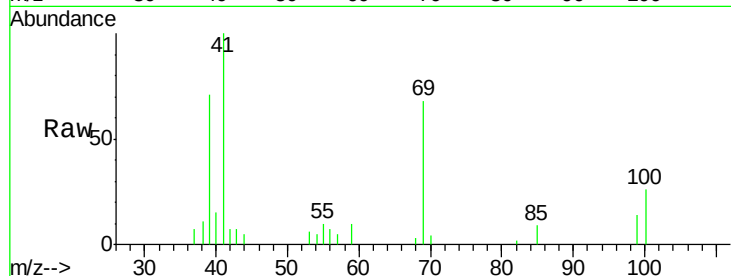
#43
Methyl Methacrylate
Concen: 0.36 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampleId :
IA-1

Tgt Ion: 69 Resp: 22985
Ion Ratio Lower Upper
69 100
41 157.2 117.3 175.9
100 31.9 29.0 43.6

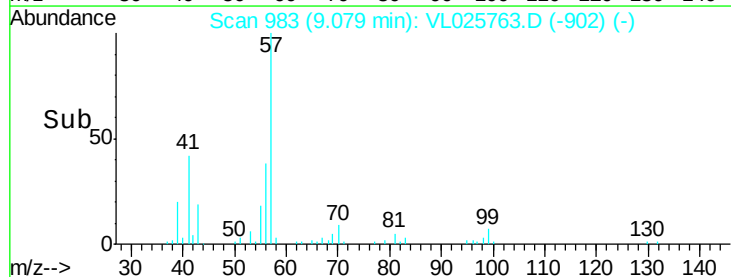
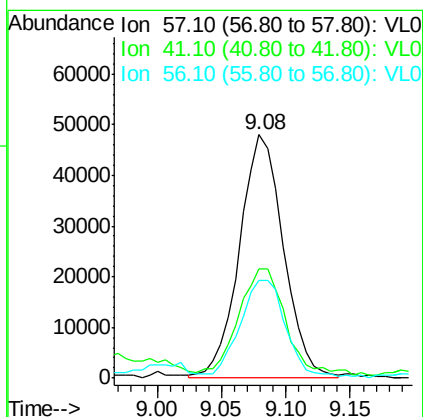
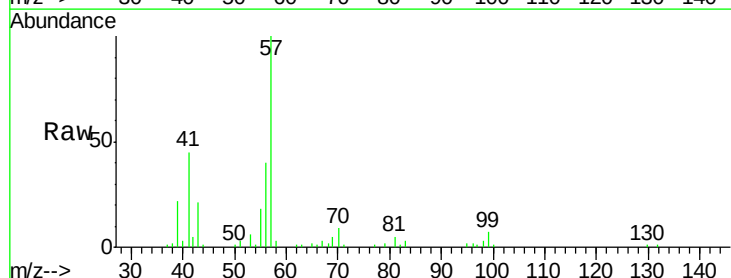
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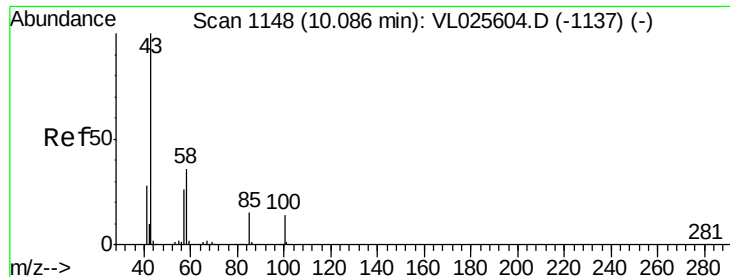
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#44
2,2,4-Trimethylpentane
Concen: 0.39 ppbv
RT: 9.08 min Scan# 983
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 57 Resp: 114020
Ion Ratio Lower Upper
57 100
41 46.2 31.2 46.8
56 50.0 25.4 38.2#





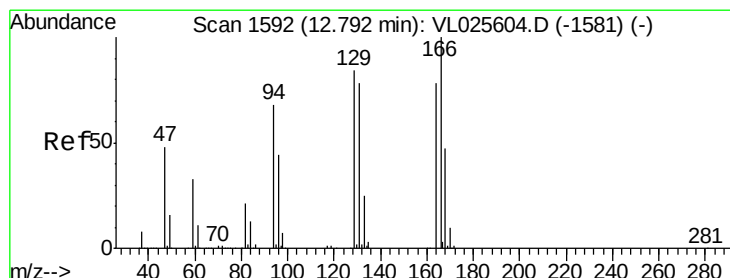
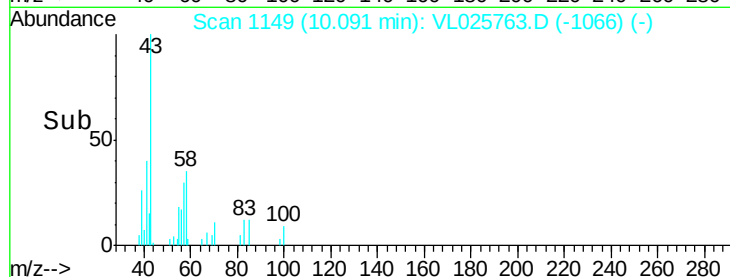
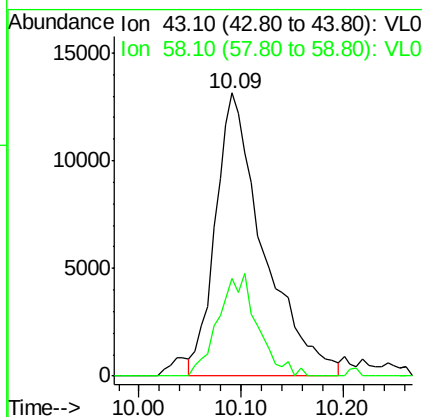
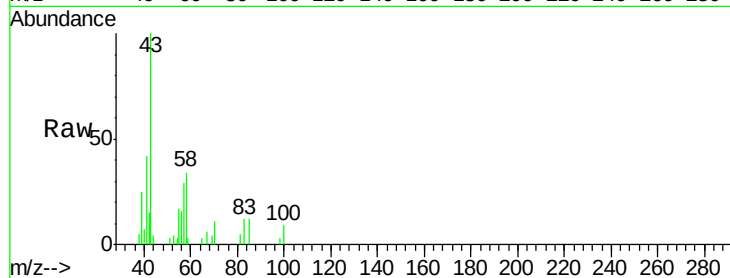
#50
4-Methyl-2-Pentanone
Concen: 0.30 ppbv
RT: 10.09 min Scan# 1149
Delta R.T. 0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampled :
IA-1

Tgt Ion: 43 Resp: 43171
Ion Ratio Lower Upper
43 100
58 29.2 28.5 42.7

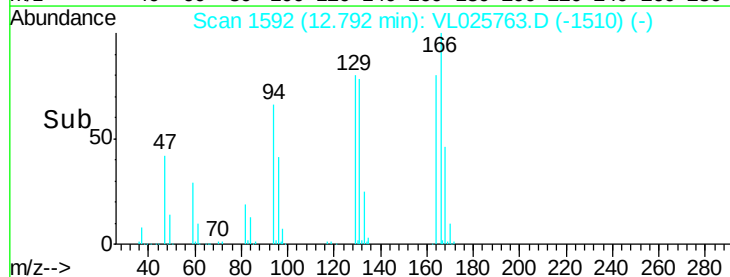
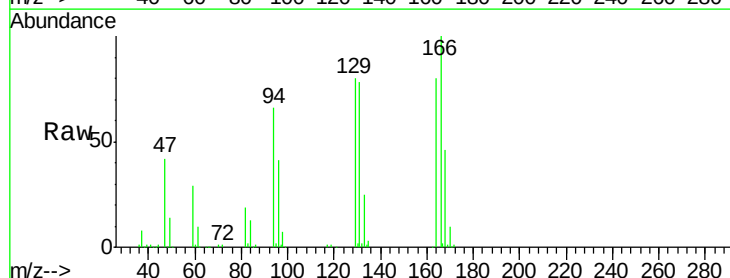
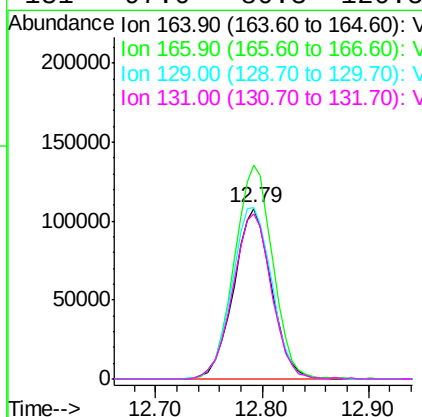
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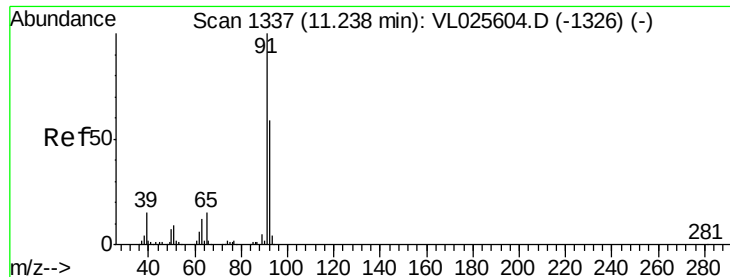
MMDadoda
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#52
Tetrachloroethene
Concen: 3.18 ppbv
RT: 12.79 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 164 Resp: 268716
Ion Ratio Lower Upper
164 100
166 124.8 102.3 153.5
129 100.1 86.2 129.4
131 97.0 80.3 120.5





#53

Toluene

Concen: 33.63 ppbv

RT: 11.24 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

ClientSampleId :

IA-1

Tgt Ion: 91 Resp: 7958891

Ion Ratio Lower Upper

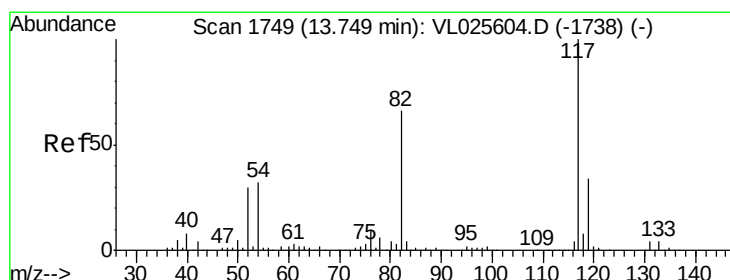
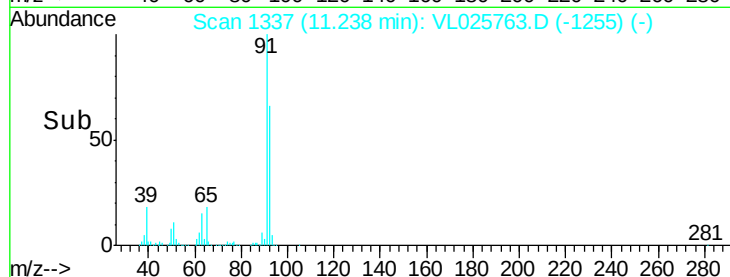
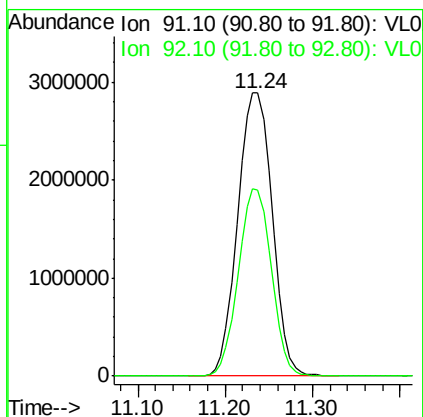
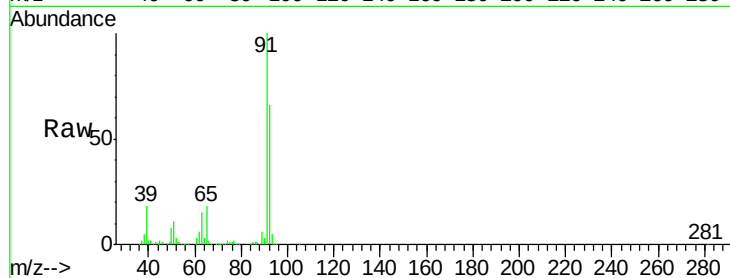
91 100

92 63.6 48.2 72.2

Manual Integrations
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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 13.74 min Scan# 1748

Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

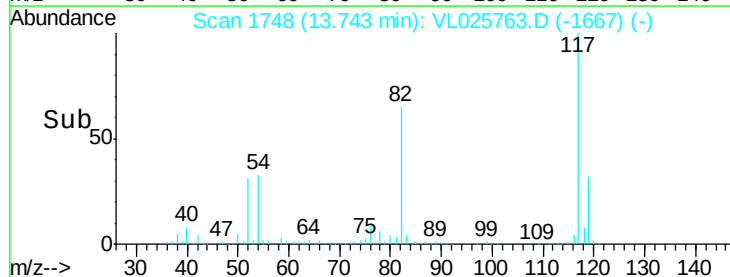
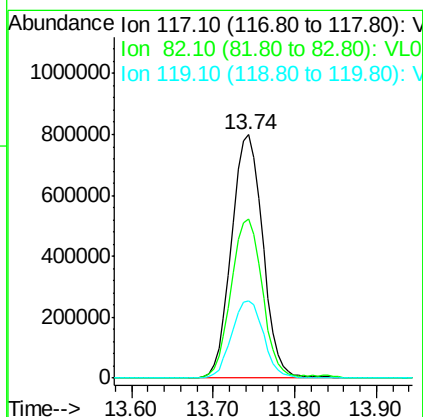
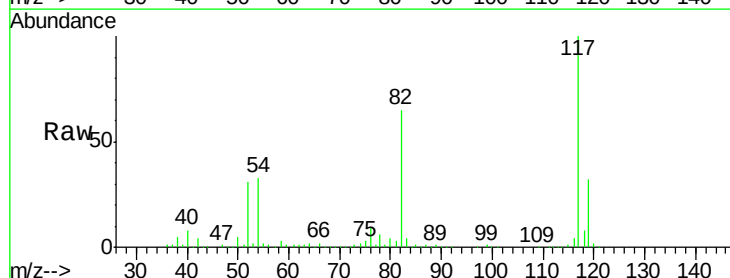
Tgt Ion: 117 Resp: 2125394

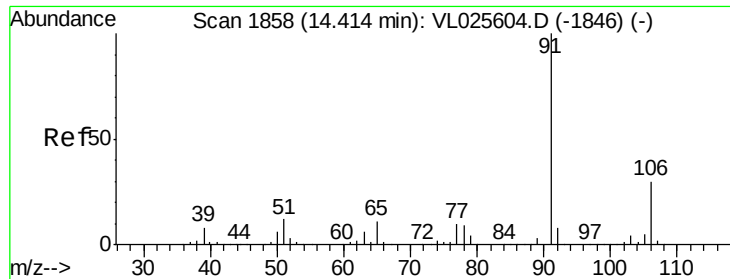
Ion Ratio Lower Upper

117 100

82 66.4 50.5 75.7

119 32.6 45.1 67.7#





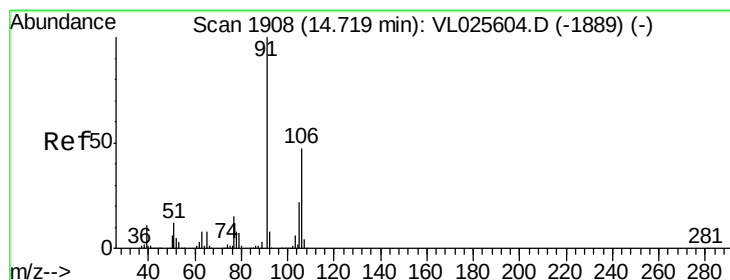
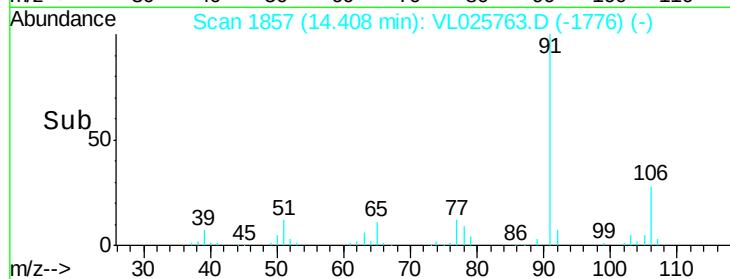
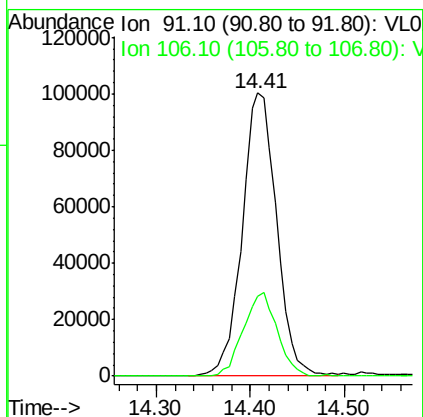
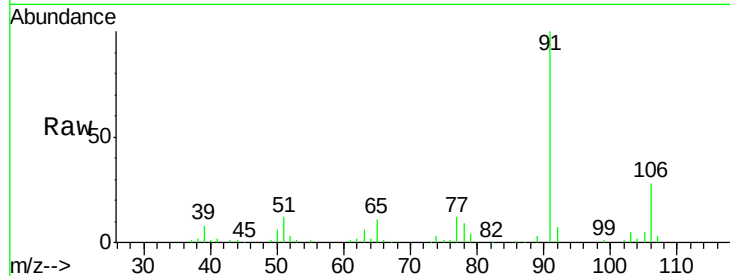
#58
Ethyl Benzene
Concen: 0.73 ppbv
RT: 14.41 min Scan# 1857
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampleID :
IA-1

Tgt Ion: 91 Resp: 255631
Ion Ratio Lower Upper
91 100
106 28.2 24.2 36.2

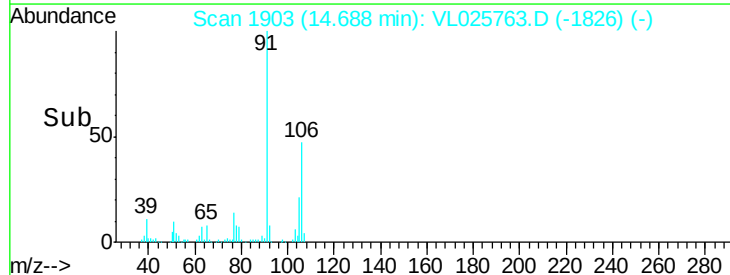
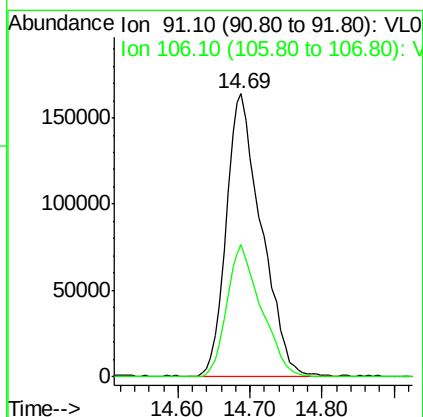
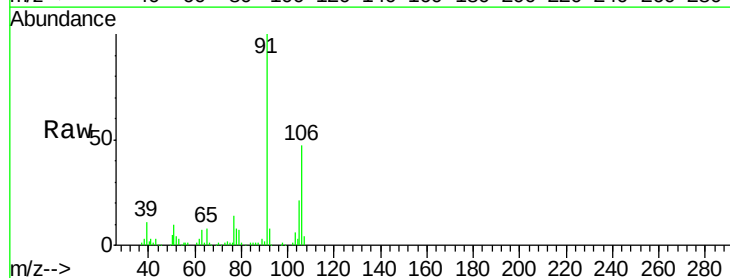
Manual Integrations
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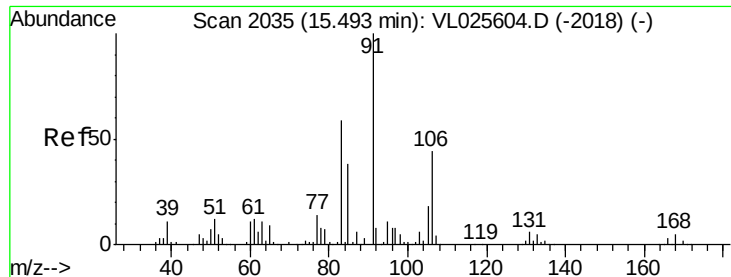
MMDadoda
7/28/2015 12:57:25 PM



#59
m/p-Xylene
Concen: 1.81 ppbv
RT: 14.69 min Scan# 1903
Delta R.T. -0.03 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 91 Resp: 557985
Ion Ratio Lower Upper
91 100
106 45.7 37.9 56.9





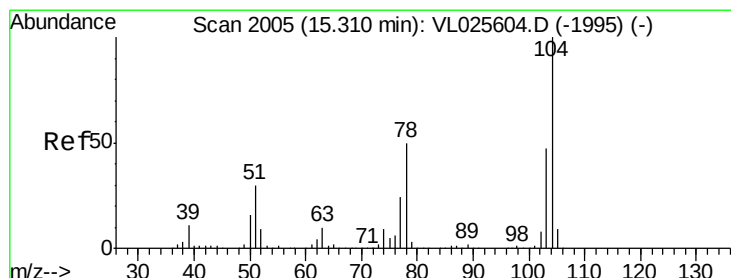
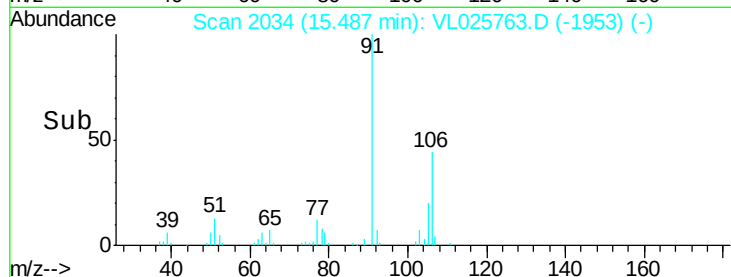
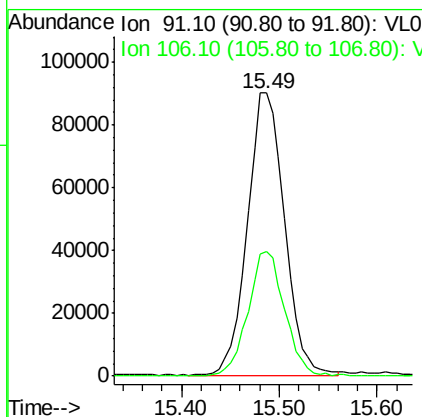
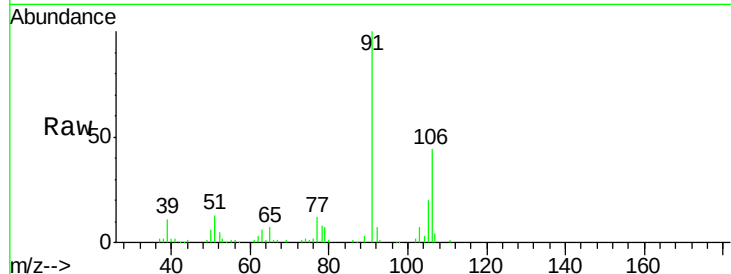
#60
o-Xylene
Concen: 0.72 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampled :
IA-1

Tgt Ion: 91 Resp: 239491
Ion Ratio Lower Upper
91 100
106 43.4 22.1 66.1

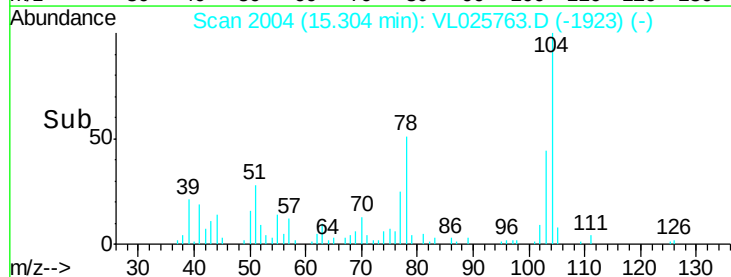
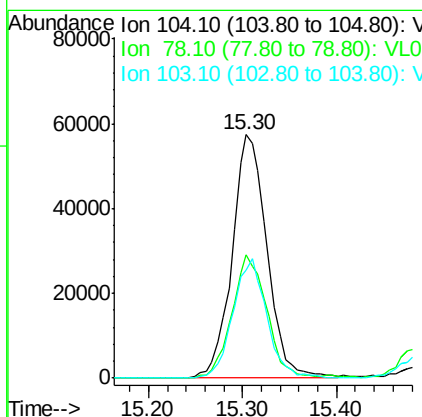
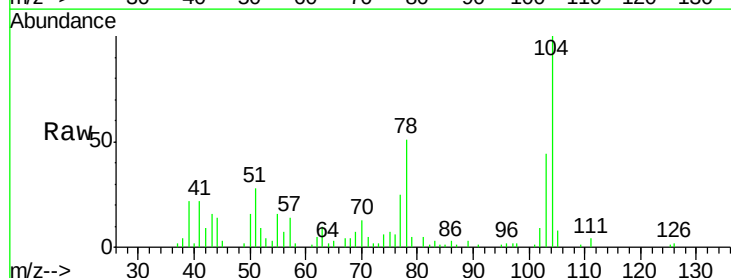
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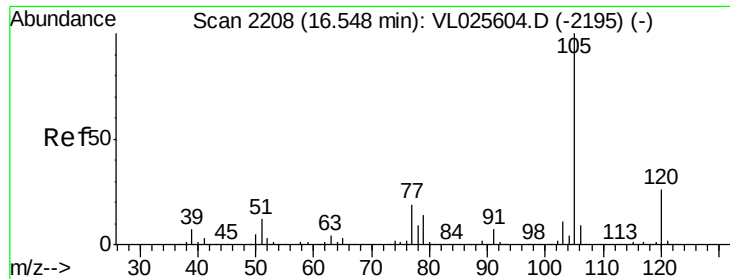
MMDadoda
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#61
Styrene
Concen: 1.27 ppbv
RT: 15.30 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Tgt Ion: 104 Resp: 148028
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.4
103 47.5 37.4 56.2





#62

Isopropylbenzene

Concen: 0.11 ppbv

RT: 16.55 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

ClientSampled :

IA-1

Tgt Ion:105 Resp: 49347

Ion Ratio Lower Upper

105 100

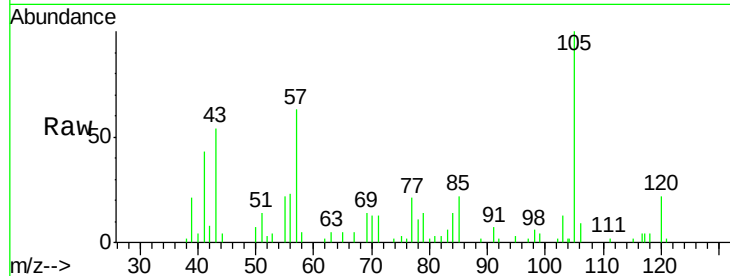
120 25.2 20.6 31.0

Manual Integrations

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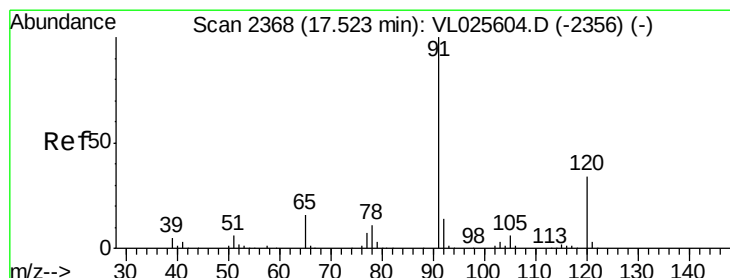
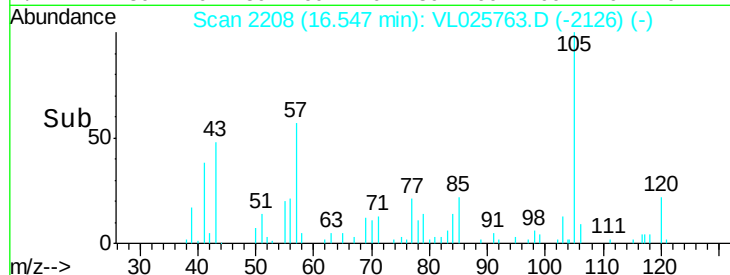
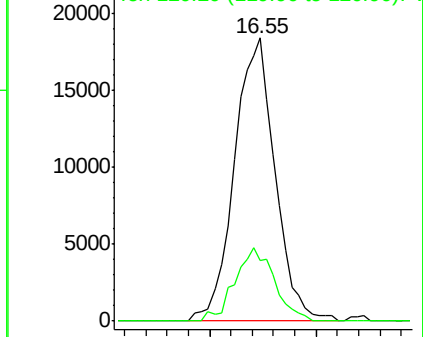
MMDadoda

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.29 ppbv

RT: 17.52 min Scan# 2367

Delta R.T. -0.01 min

Lab File: VL025763.D

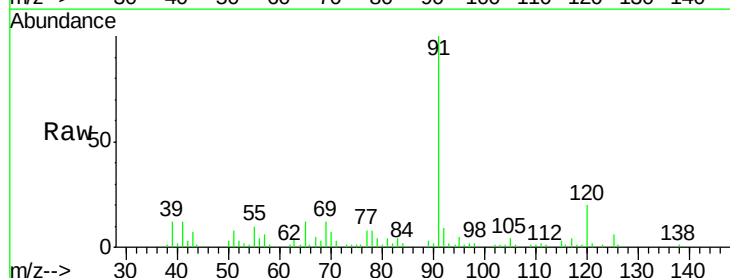
Acq: 27 Jul 2015 21:38

Tgt Ion:120 Resp: 34163

Ion Ratio Lower Upper

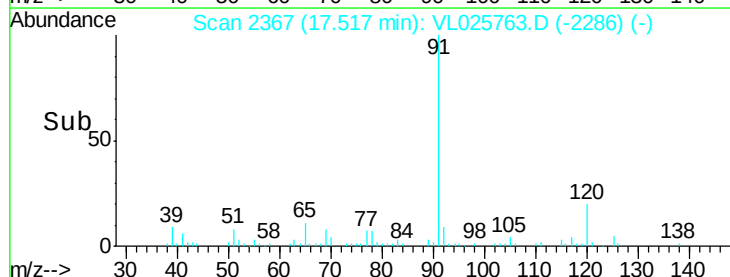
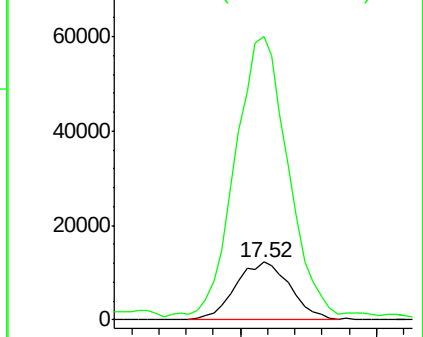
120 100

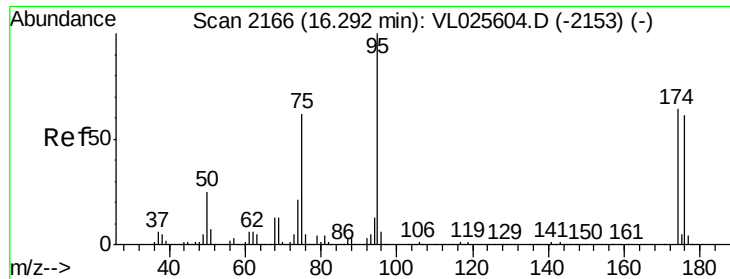
91 492.6 370.5 555.7



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0





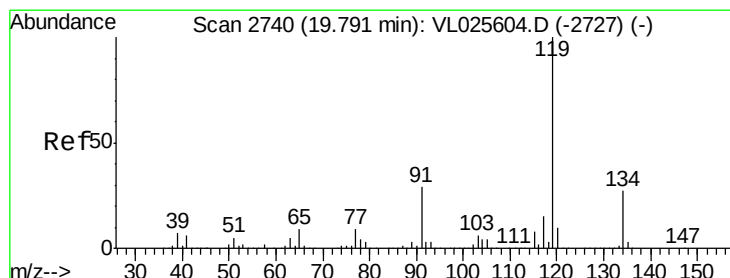
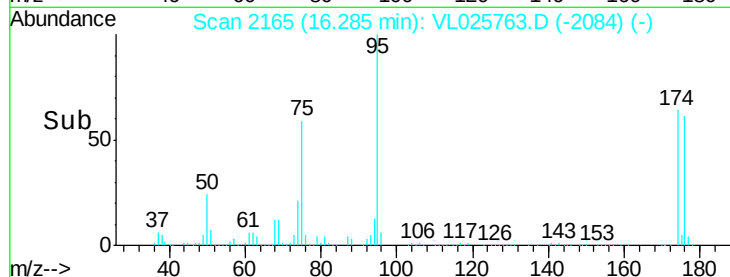
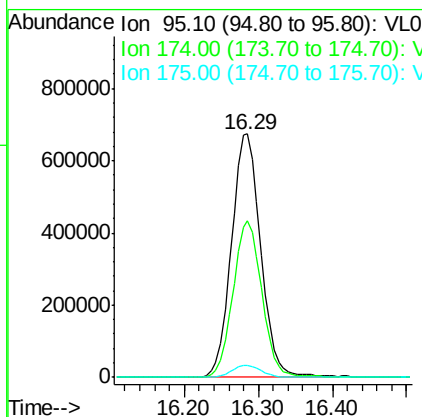
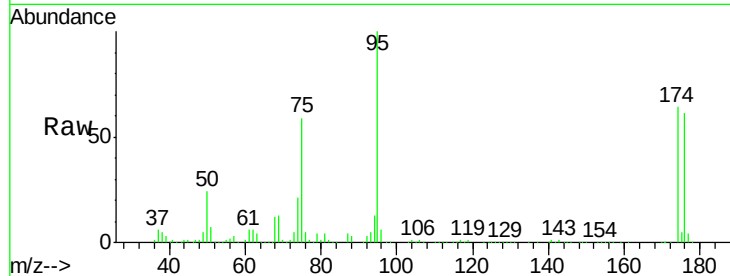
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.37 ppbv
 RT: 16.29 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Instrument :
 MSVOA_L
 ClientSampled :
 IA-1

Tgt Ion: 95 Resp: 1859062
 Ion Ratio Lower Upper
 95 100
 174 63.7 52.0 78.0
 175 4.9 3.9 5.9

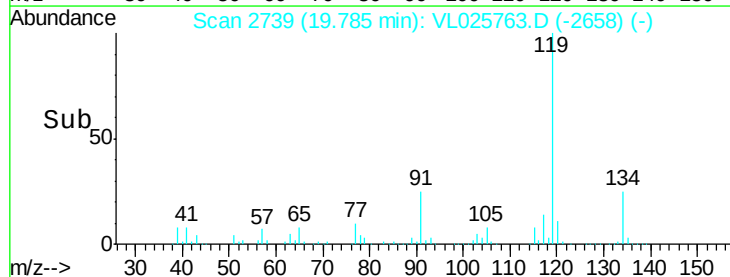
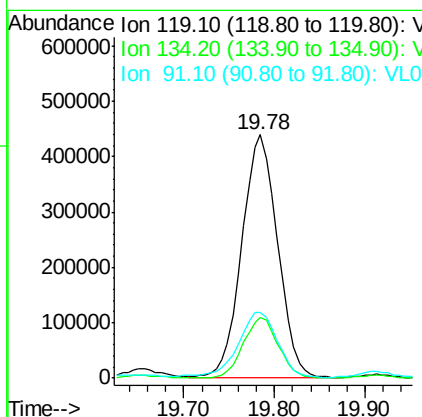
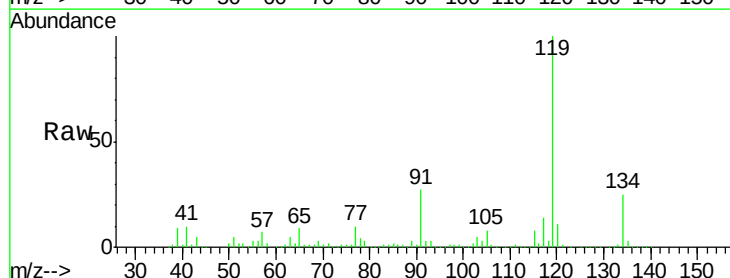
Manual Integrations
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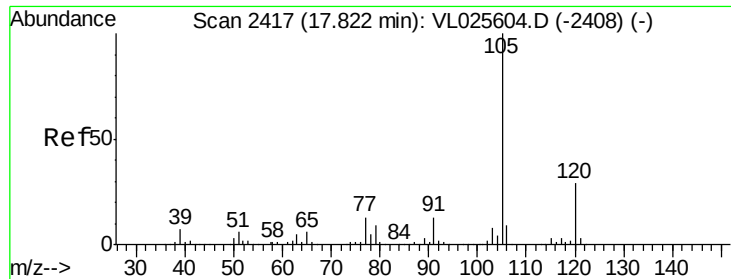
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#69
 p-Isopropyltoluene
 Concen: 2.44 ppbv
 RT: 19.78 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Tgt Ion: 119 Resp: 1203376
 Ion Ratio Lower Upper
 119 100
 134 24.7 20.7 31.1
 91 30.0 22.6 34.0





#72

4-Ethyltoluene

Concen: 0.58 ppbv

RT: 17.82 min Scan# 2416

Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Instrument :

MSVOA_L

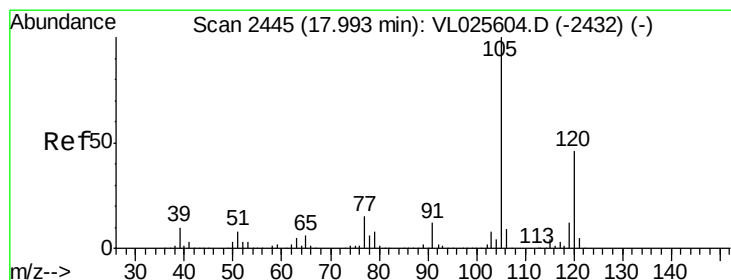
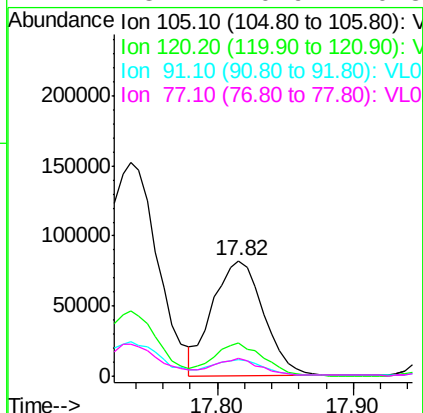
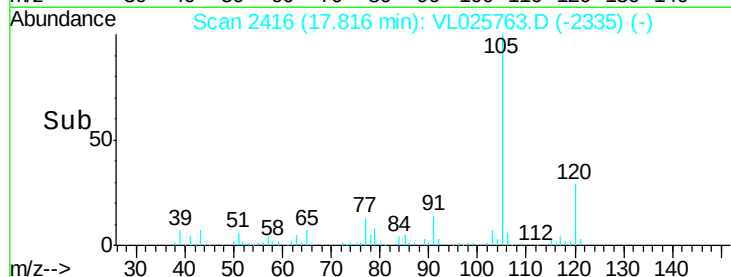
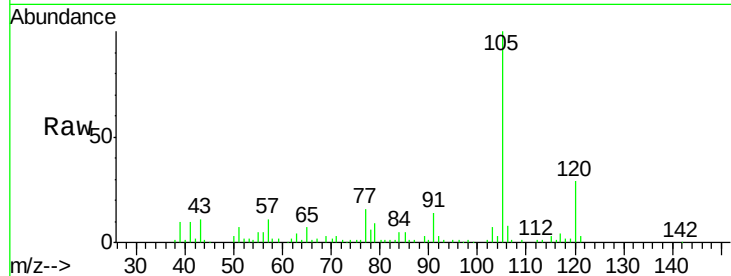
ClientSampleID :

IA-1

Tgt Ion:	105	Resp:	212183
Ion Ratio	Lower	Upper	
105	100		
120	26.2	23.9	35.9
91	12.8	10.3	15.5
77	13.7	10.9	16.3

Manual Integrations
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#73

1,3,5-Trimethylbenzene

Concen: 0.59 ppbv

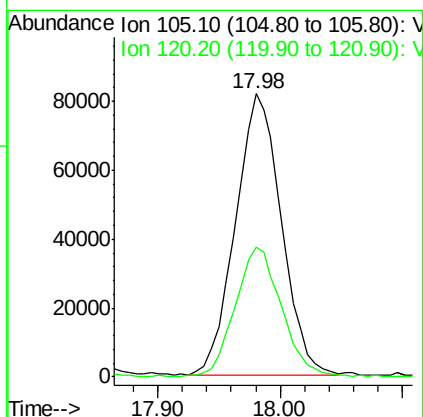
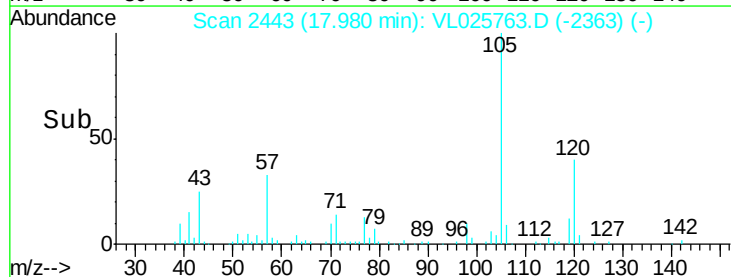
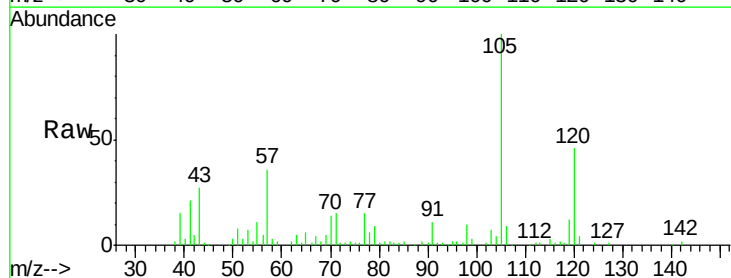
RT: 17.98 min Scan# 2443

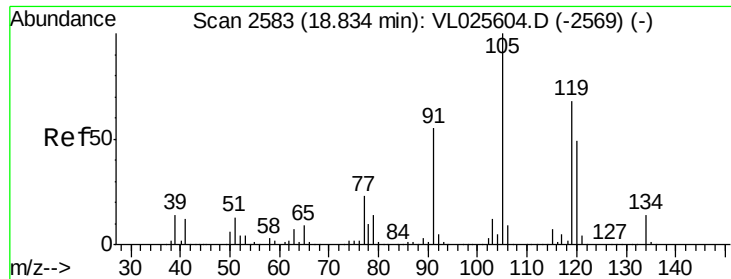
Delta R.T. -0.01 min

Lab File: VL025763.D

Acq: 27 Jul 2015 21:38

Tgt Ion:	105	Resp:	211414
Ion Ratio	Lower	Upper	
105	100		
120	45.6	37.0	55.4





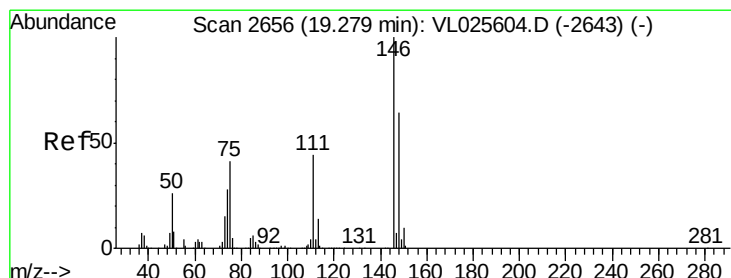
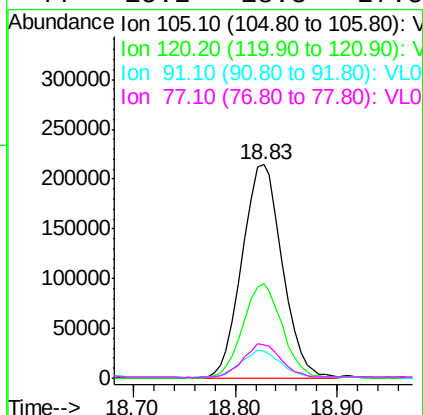
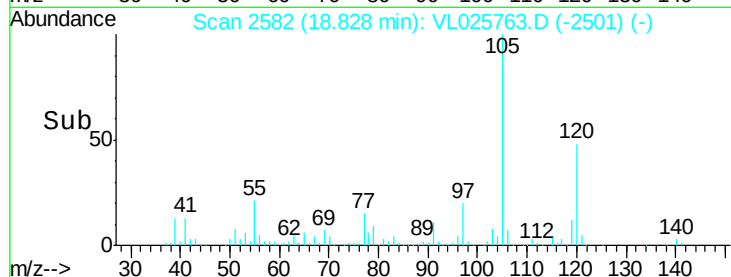
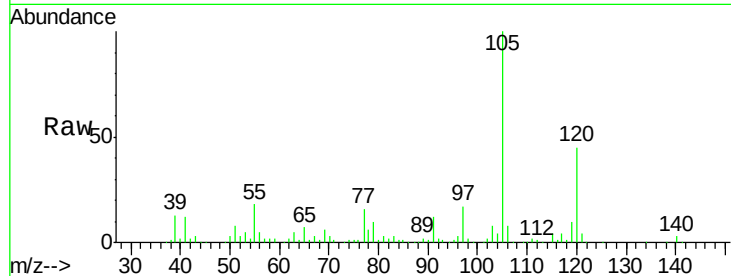
#74
 1,2,4-Trimethylbenzene
 Concen: 1.46 ppbv
 RT: 18.83 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	590712		
120	44.6	39.3	58.9	
91	12.1	43.8	65.6	
77	15.2	18.3	27.5	

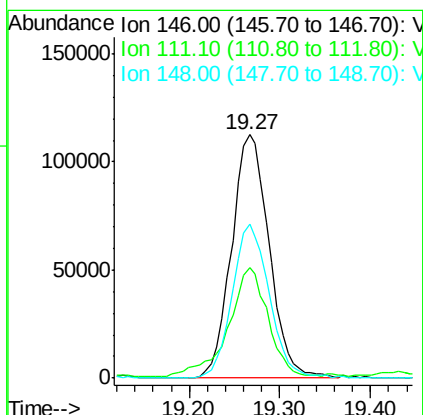
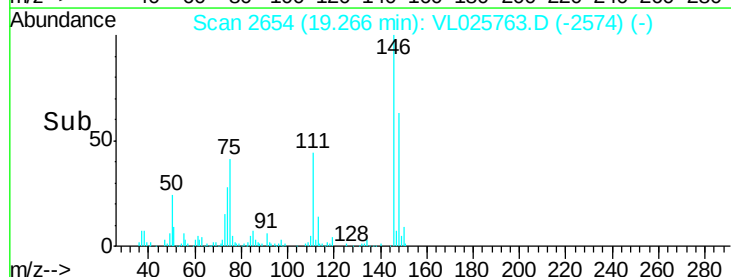
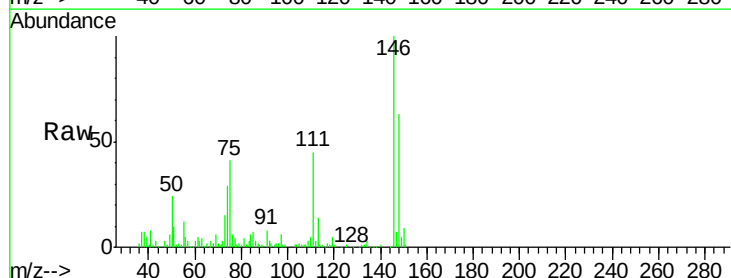
Manual Integrations
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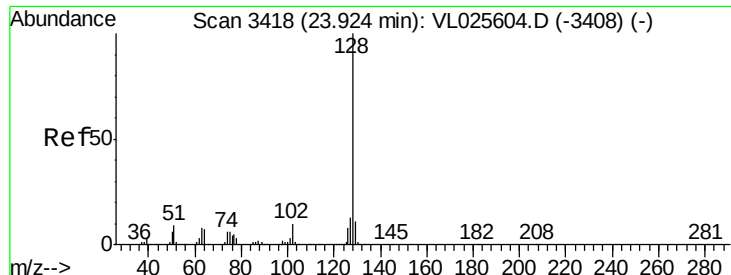
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#76
 1,4-Dichlorobenzene
 Concen: 1.23 ppbv
 RT: 19.27 min Scan# 2654
 Delta R.T. -0.01 min
 Lab File: VL025763.D
 Acq: 27 Jul 2015 21:38

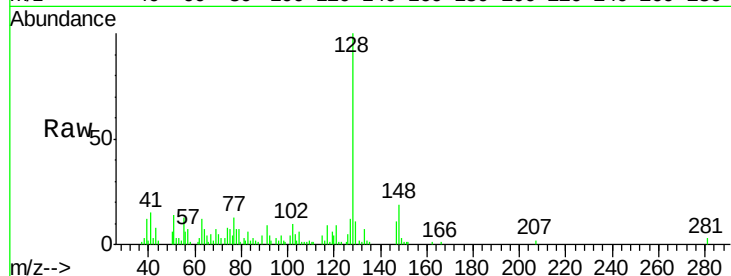
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	323838		
111	49.2	22.1	66.1	
148	62.6	31.9	95.9	





#79
Naphthalene
Concen: 0.24 ppbv
RT: 23.92 min Scan# 3418
Delta R.T. -0.00 min
Lab File: VL025763.D
Acq: 27 Jul 2015 21:38

Instrument :
MSVOA_L
ClientSampleId :
IA-1



Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	11.9	10.8	16.2
129	11.0	9.0	13.4

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