

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032295.D
 Acq On : 19 Jul 2018 19:35
 Operator : SY/AP
 Sample : J4063-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BACK-STORAGE-RM-01-0717-01DU

Manual Integrations
 APPROVED

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 7/20/2018 2:06:17 PM

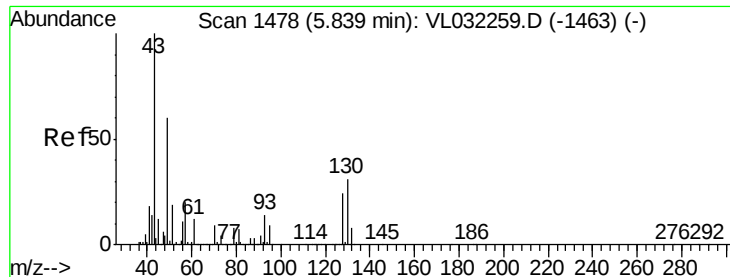
Quant Time: Jul 20 02:55:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1555267	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3345261	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3810026	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3055690	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	99750	0.38	ppbv	98
3) Chlorodifluoromethane	3.06	51	1141734	6.54	ppbv	96
4) Chloromethane	3.23	50	67742	0.66	ppbv	99
9) Propene	3.10	41	218658	2.87	ppbv #	75
10) Heptane	8.33	43	39761m	0.16	ppbv	
11) Trichlorofluoromethane	4.06	101	52044	0.25	ppbv	97
13) Ethanol	3.72	45	1032409	47.37	ppbv	98
15) Acetone	3.96	43	4651157	28.57	ppbv	96
17) tert-Butyl alcohol	4.44	59	41404	0.81	ppbv #	72
19) Isopropyl Alcohol	4.10	45	528788	4.80	ppbv #	1
20) Methylene Chloride	4.47	84	307520	4.91	ppbv	99
26) Hexane	5.85	57	325155	2.00	ppbv #	67
27) Carbon Disulfide	4.69	76	32866	0.23	ppbv #	76
30) Cyclohexane	7.33	84	27655m	0.20	ppbv	
34) 2-Butanone	5.40	43	390957	1.70	ppbv	98
35) Carbon Tetrachloride	7.22	117	17899m	0.08	ppbv	
36) Benzene	7.08	78	84136	0.26	ppbv	95
37) 1,2-Dichloroethane	6.49	62	294164m	1.51	ppbv	
43) Methyl Methacrylate	8.23	69	45938m	0.34	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	96620	0.17	ppbv #	79
50) 4-Methyl-2-Pentanone	8.97	43	62790m	0.17	ppbv	
52) Tetrachloroethene	11.46	164	8496m	0.08	ppbv	
53) Toluene	10.03	91	1208004	3.03	ppbv	100
58) Ethyl Benzene	12.95	91	400052	0.75	ppbv	96
59) m/p-Xylene	13.21	91	893540	1.95	ppbv	99
60) o-Xylene	13.94	91	329528	0.72	ppbv	97
61) Styrene	13.78	104	175015	0.52	ppbv	100
69) p-Isopropyltoluene	17.90	119	109567	0.17	ppbv #	87
72) 4-Ethyltoluene	16.09	105	54578m	0.10	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	69091m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	247021	0.46	ppbv #	69
76) 1,4-Dichlorobenzene	17.39	146	289105	0.97	ppbv	99
79) Naphthalene	22.52	128	59066m	0.13	ppbv	

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



#1

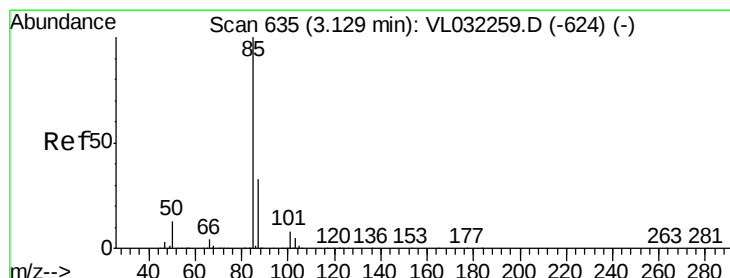
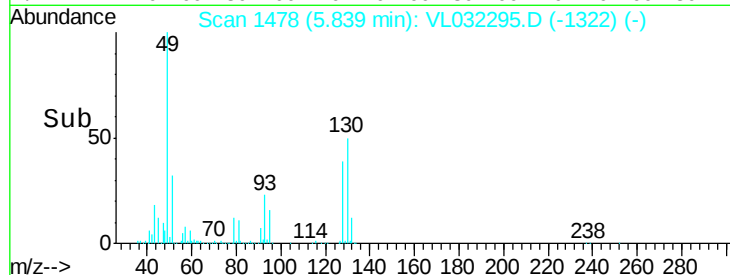
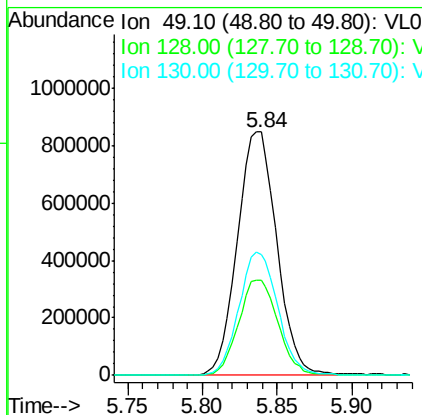
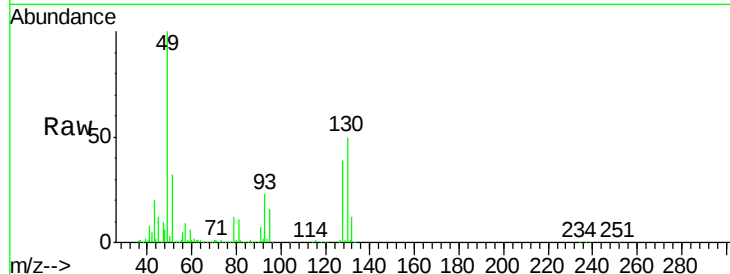
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.84 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Instrument :
 MSVOA_L
 ClientSampleId :
 BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 49 Resp: 1555267
 Ion Ratio Lower Upper
 49 100
 128 39.4 20.1 60.2
 130 50.4 25.9 77.6

Manual Integrations
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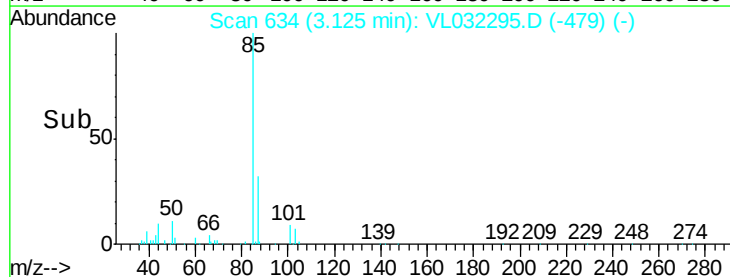
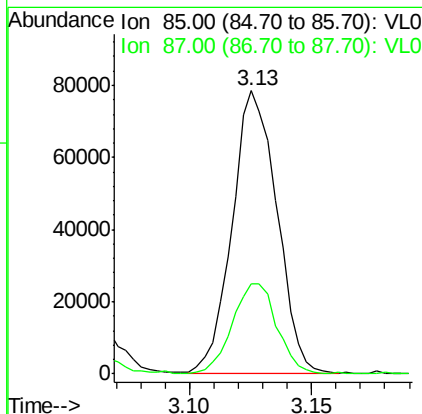
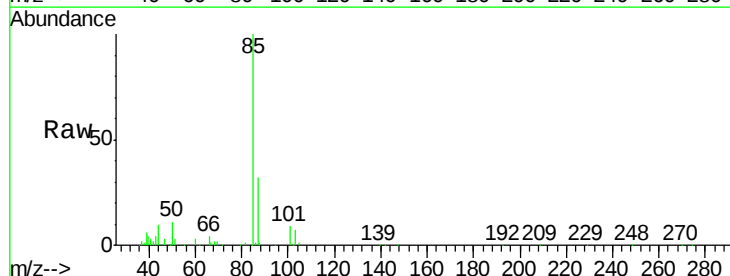
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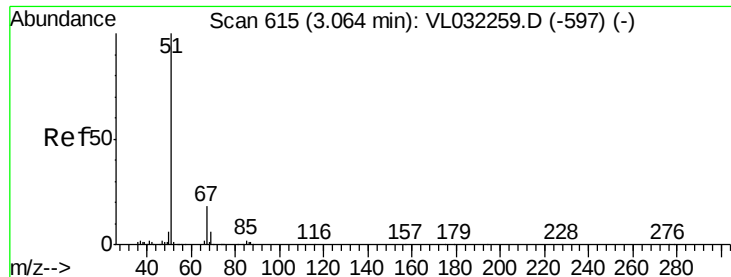


#2

Dichlorodifluoromethane
 Concen: 0.38 ppbv
 RT: 3.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Tgt Ion: 85 Resp: 99750
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 6.54 ppbv

RT: 3.06 min Scan# 615

Delta R.T. 0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 51 Resp: 1141734

Ion Ratio Lower Upper

51 100

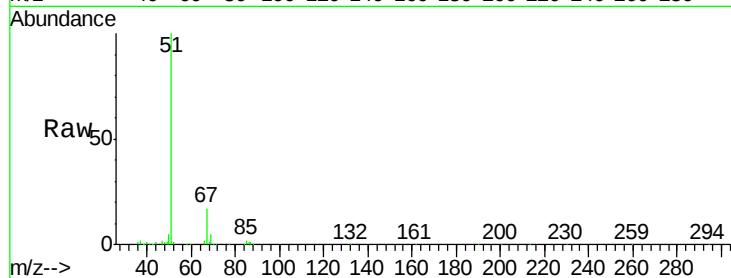
67 16.1 14.2 21.4

Manual Integrations

APPROVED

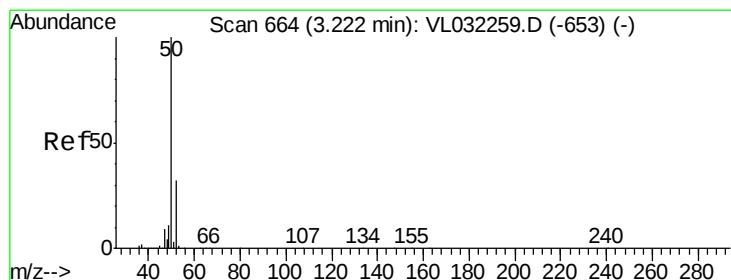
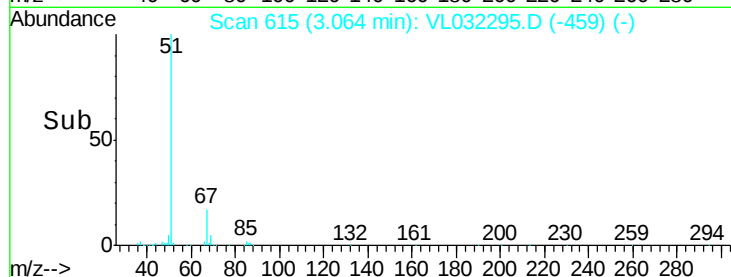
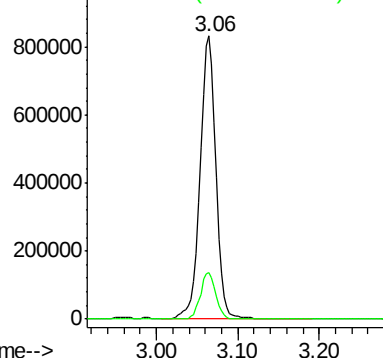
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.66 ppbv

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VL032295.D

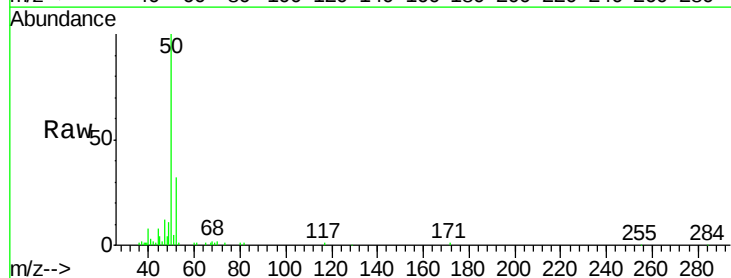
Acq: 19 Jul 2018 19:35

Tgt Ion: 50 Resp: 67742

Ion Ratio Lower Upper

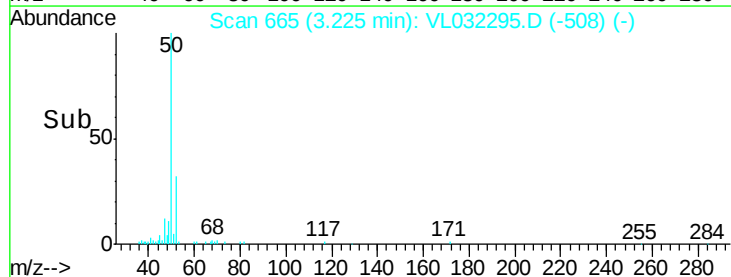
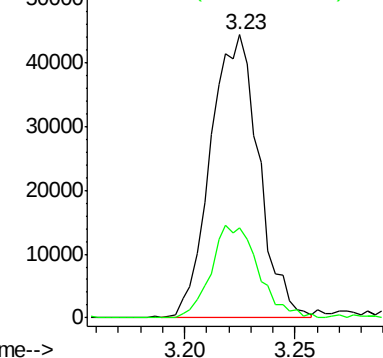
50 100

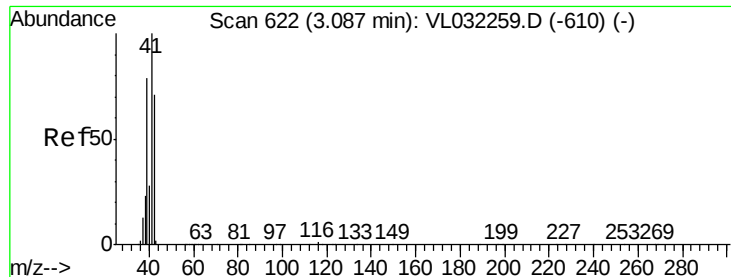
52 32.3 25.3 37.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 2.87 ppbv

RT: 3.10 min Scan# 625

Delta R.T. 0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 41 Resp: 218658

Ion Ratio Lower Upper

41 100

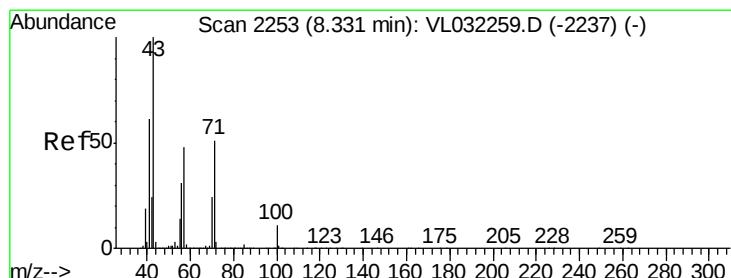
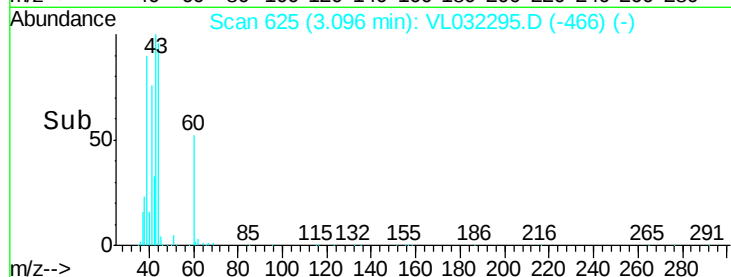
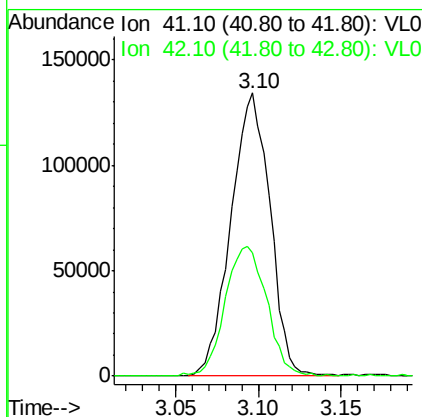
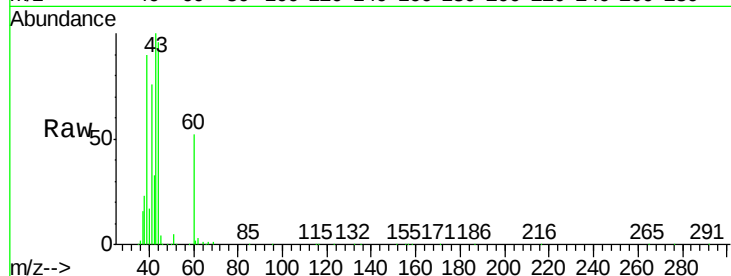
42 49.5 56.2 84.4#

Manual Integrations

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#10

Heptane

Concen: 0.16 ppbv m

RT: 8.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VL032295.D

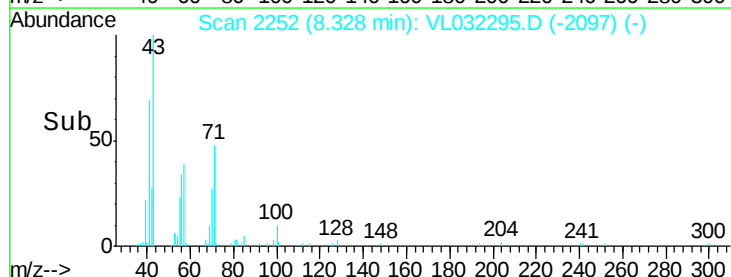
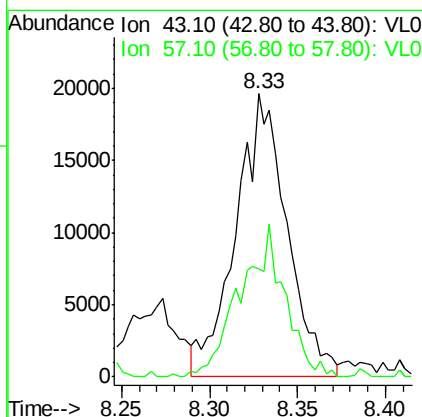
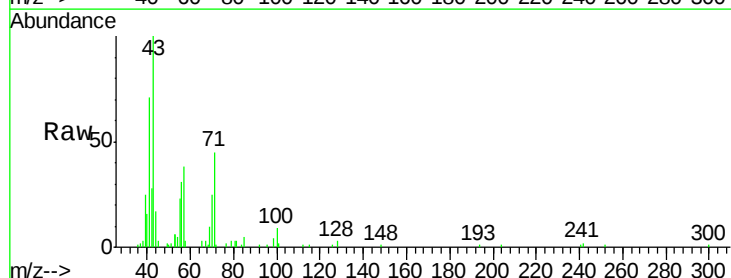
Acq: 19 Jul 2018 19:35

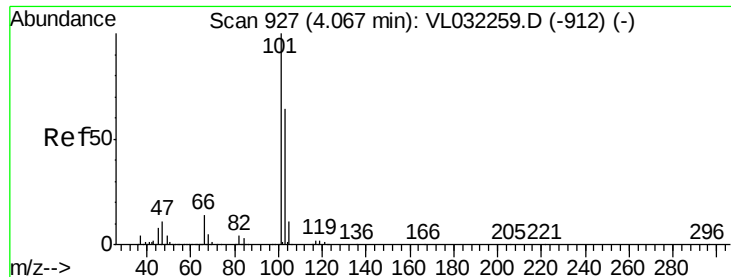
Tgt Ion: 43 Resp: 39761

Ion Ratio Lower Upper

43 100

57 46.8 39.9 59.9





#11

Trichlorofluoromethane

Concen: 0.25 ppbv

RT: 4.06 min Scan# 926

Delta R.T. -0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion:101 Resp: 52044

Ion Ratio Lower Upper

101 100

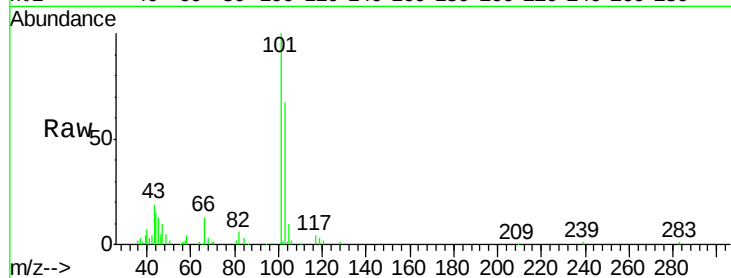
103 67.1 51.5 77.3

Manual Integrations

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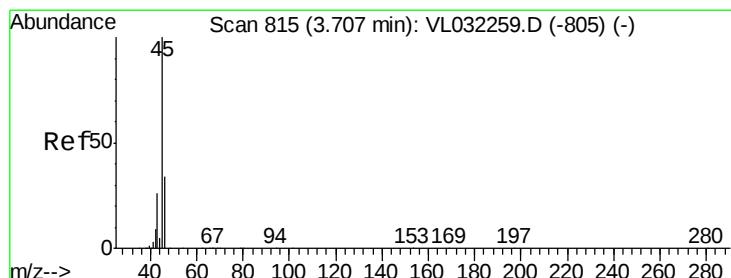
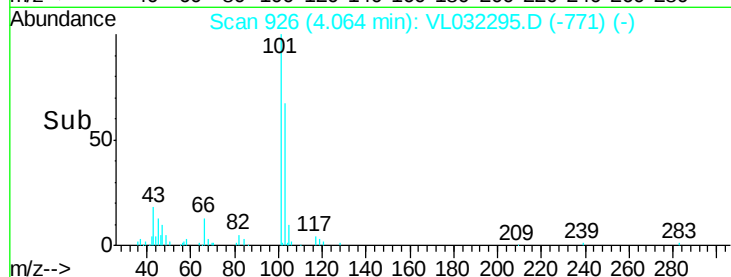
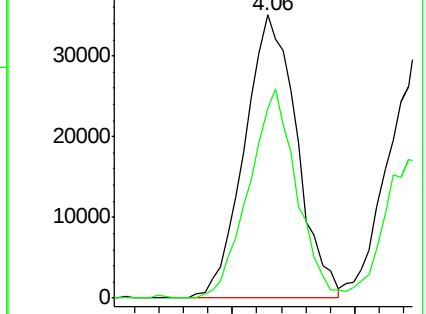
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 47.37 ppbv

RT: 3.72 min Scan# 818

Delta R.T. 0.01 min

Lab File: VL032295.D

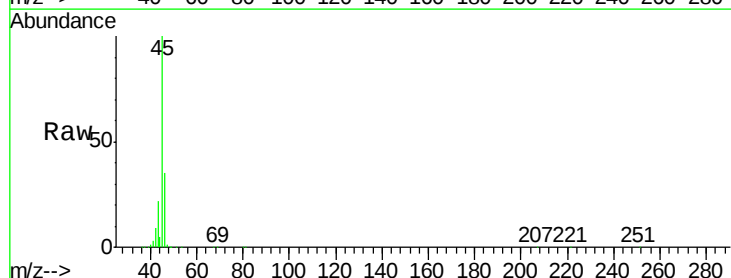
Acq: 19 Jul 2018 19:35

Tgt Ion: 45 Resp: 1032409

Ion Ratio Lower Upper

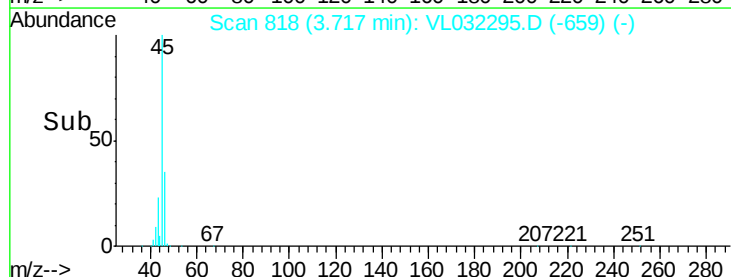
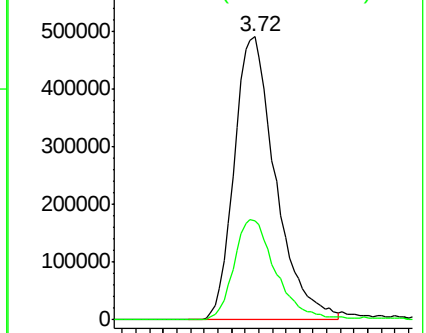
45 100

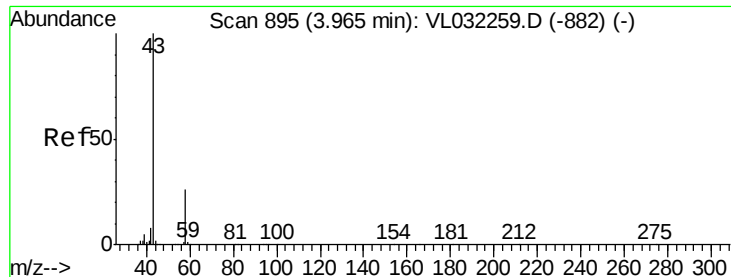
46 36.7 15.2 60.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 28.57 ppbv

RT: 3.96 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 43 Resp: 4651157

Ion Ratio Lower Upper

43 100

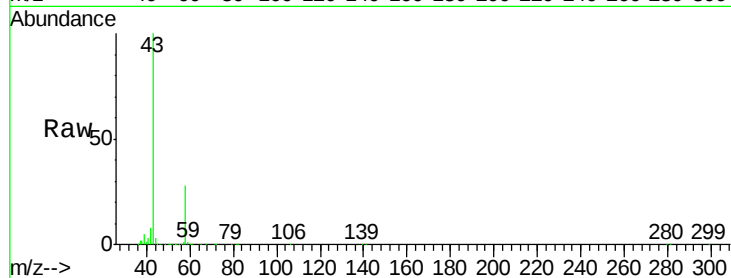
58 25.0 21.8 32.6

Manual Integrations

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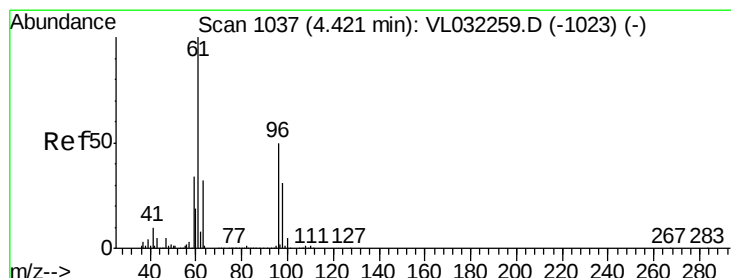
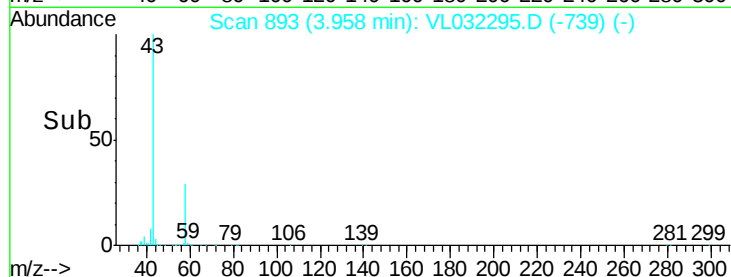
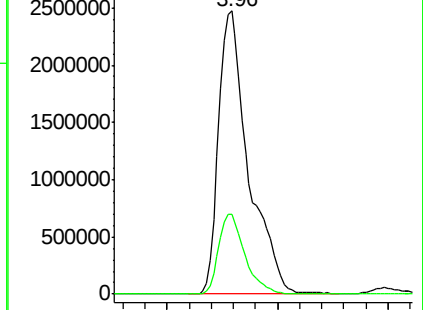
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 0.81 ppbv

RT: 4.44 min Scan# 1042

Delta R.T. 0.02 min

Lab File: VL032295.D

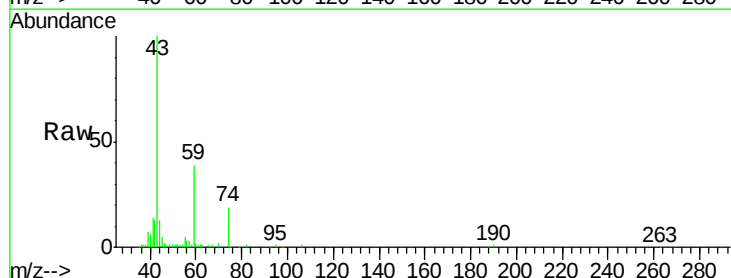
Acq: 19 Jul 2018 19:35

Tgt Ion: 59 Resp: 41404

Ion Ratio Lower Upper

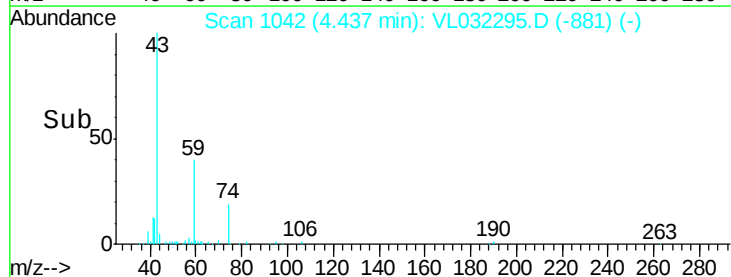
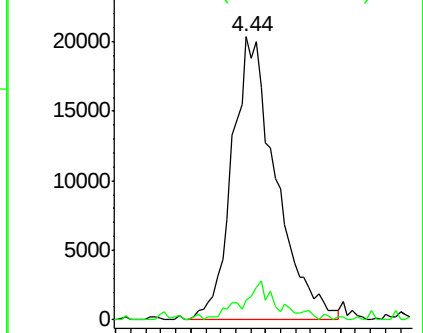
59 100

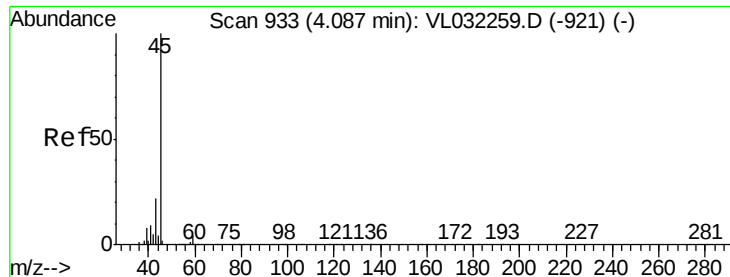
57 0.0 8.2 12.4#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

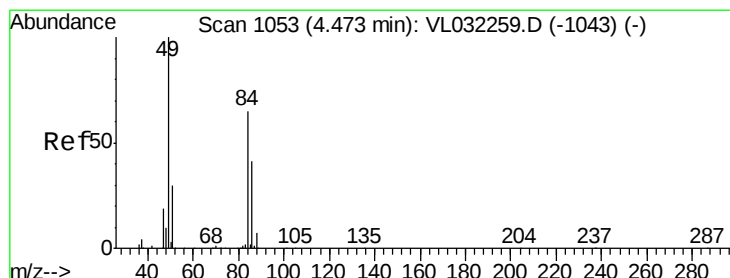
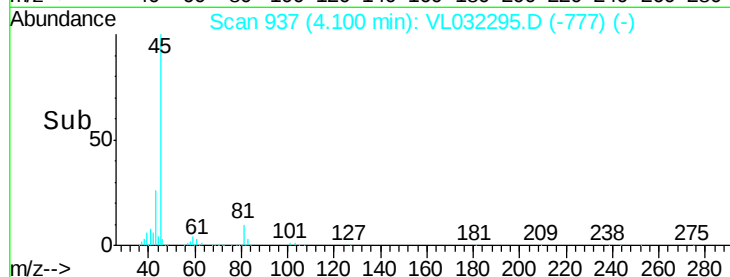
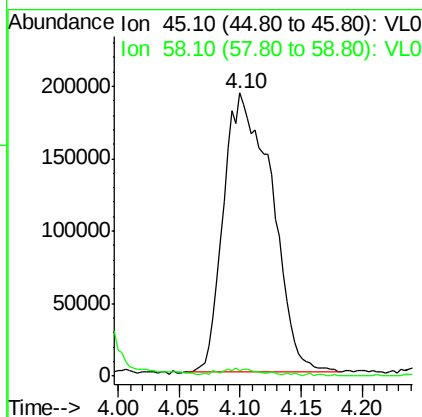
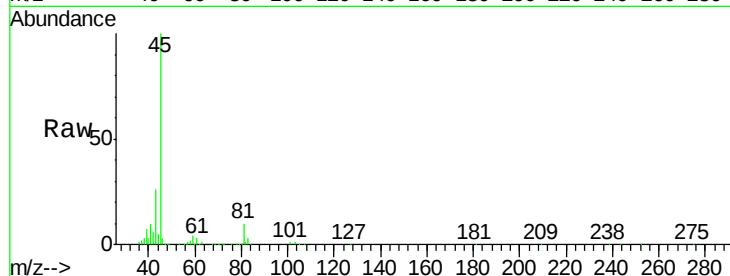
Isopropyl Alcohol
 Concen: 4.80 ppbv
 RT: 4.10 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Instrument :
 MSVOA_L
 ClientSampleId :
 BACK-STORAGE-RM-01-0717-01DU

Tot Ion	Ratio	Lower	Upper
45	100		
58	219.6	1.5	2.3#

Manual Integrations
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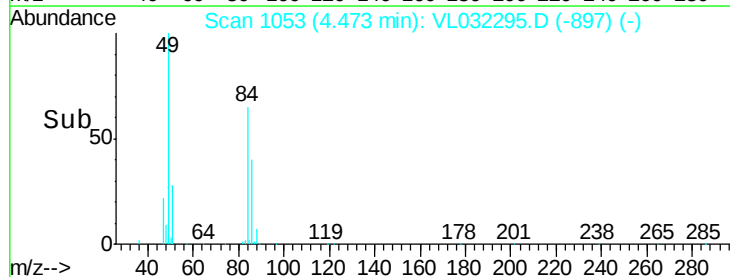
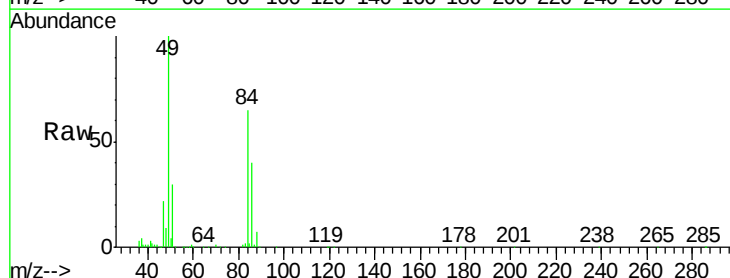
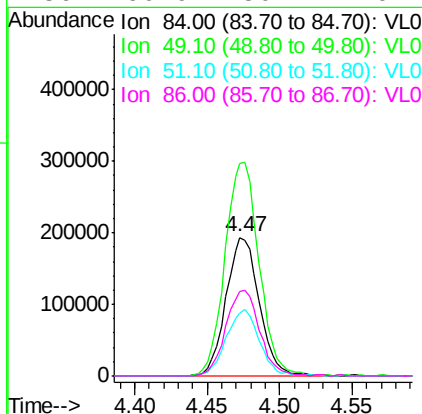
MMDadoda
 7/20/2018 2:06:17 PM

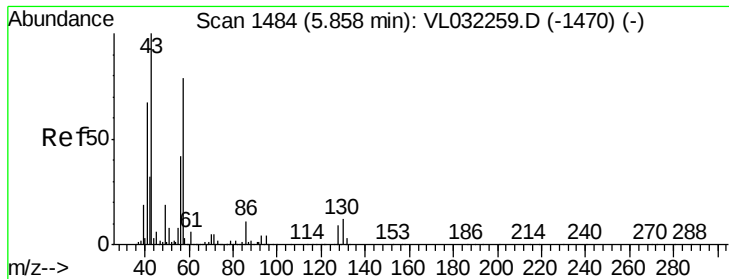


#20

Methylene Chloride
 Concen: 4.91 ppbv
 RT: 4.47 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.6	122.4	183.6
51	45.3	36.8	55.2
86	60.9	50.7	76.1





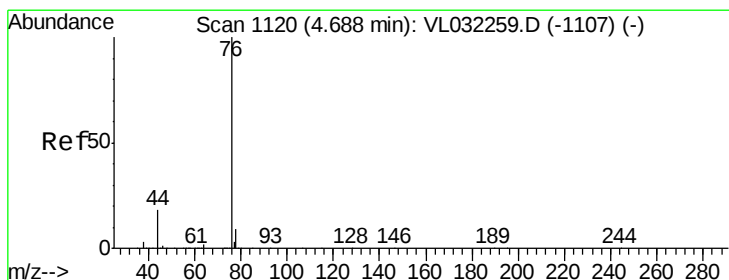
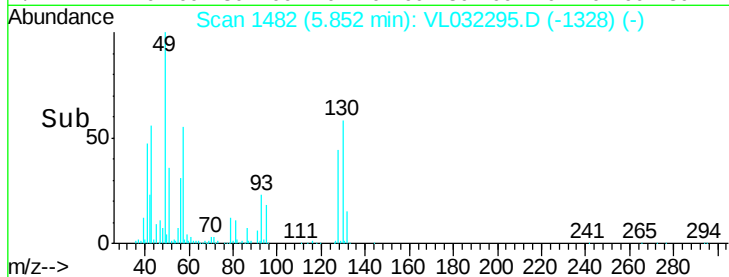
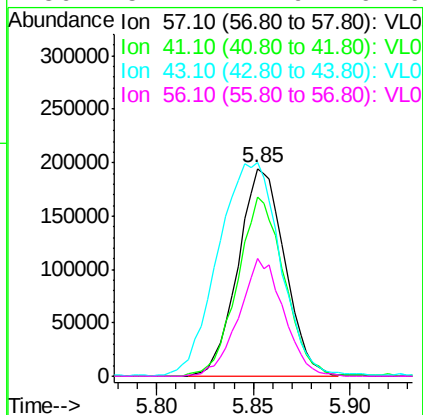
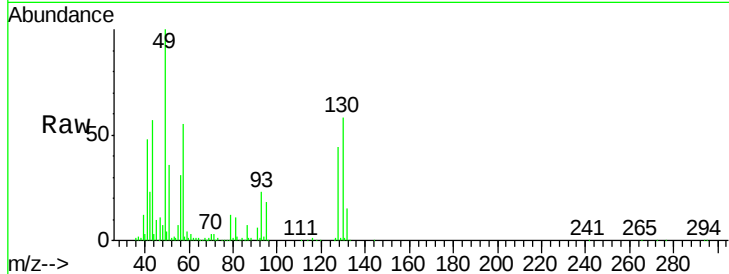
#26
Hexane
Concen: 2.00 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion	57	Resp	325155
Ion	Ratio	Lower	Upper
57	100		
41	87.7	67.9	101.9
43	136.4	175.9	263.9#
56	54.7	41.9	62.9

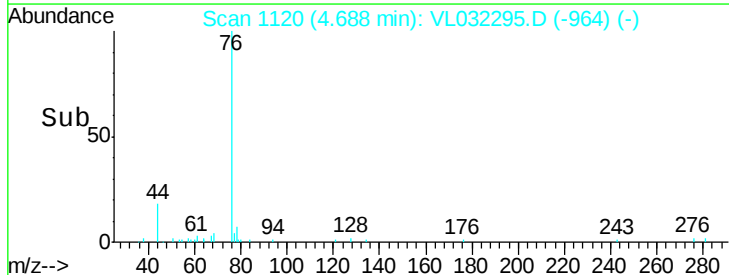
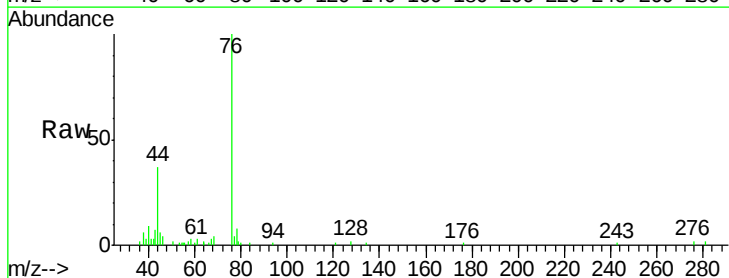
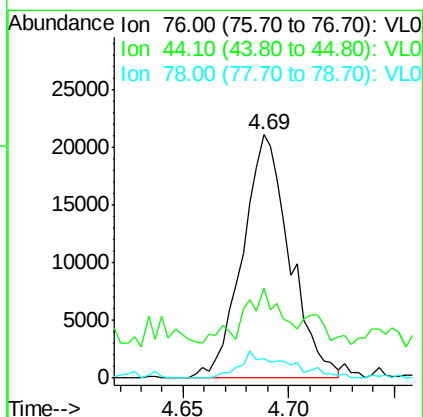
Manual Integrations
APPROVED

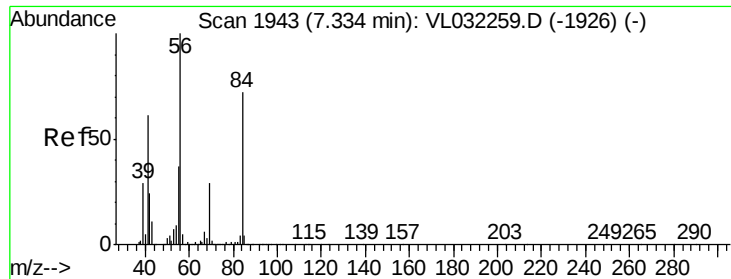
MMDadoda
7/20/2018 2:06:17 PM



#27
Carbon Disulfide
Concen: 0.23 ppbv
RT: 4.69 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion	76	Resp	32866
Ion	Ratio	Lower	Upper
76	100		
44	32.4	14.3	21.5#
78	11.8	7.4	11.0#





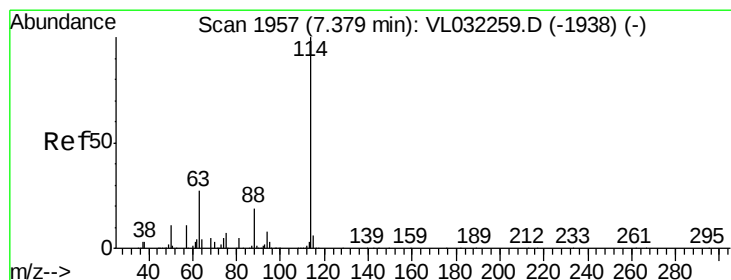
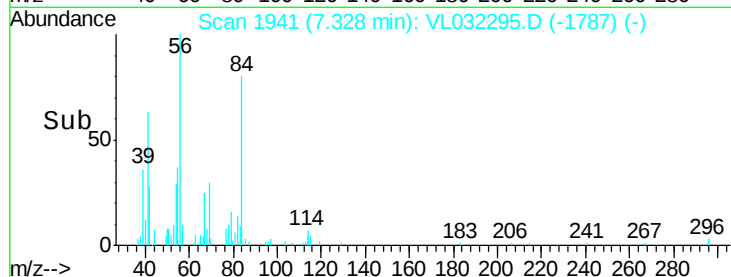
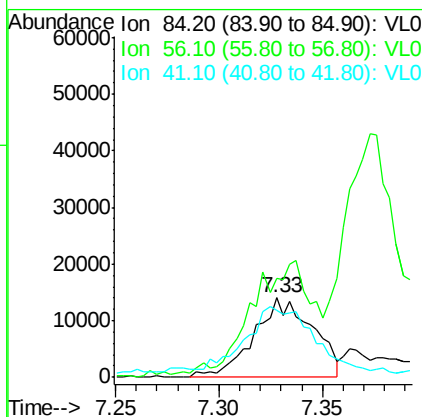
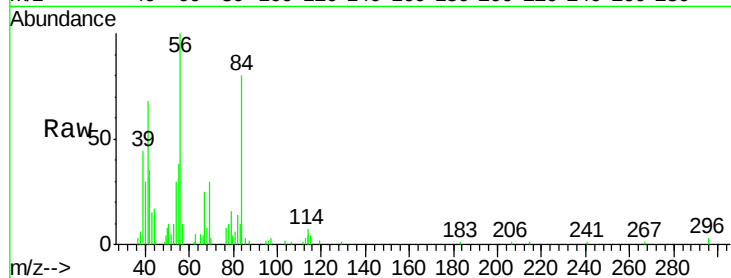
#30
Cvclohexane
Concen: 0.20 ppbv m
RT: 7.33 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.6	173.4#
41	0.0	68.7	103.1#

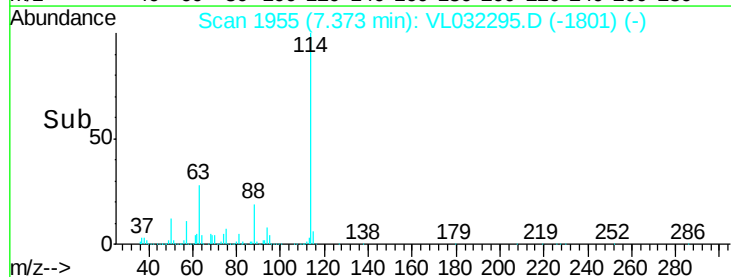
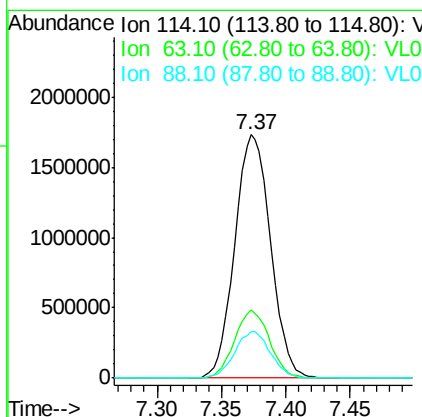
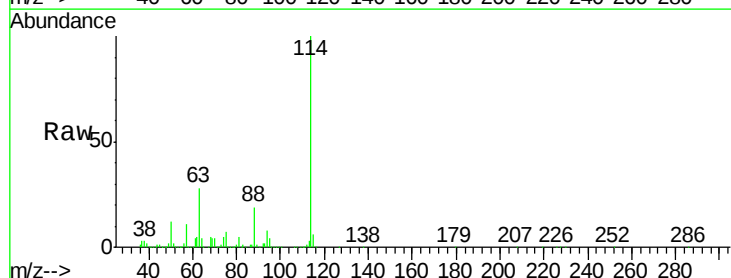
Manual Integrations
APPROVED

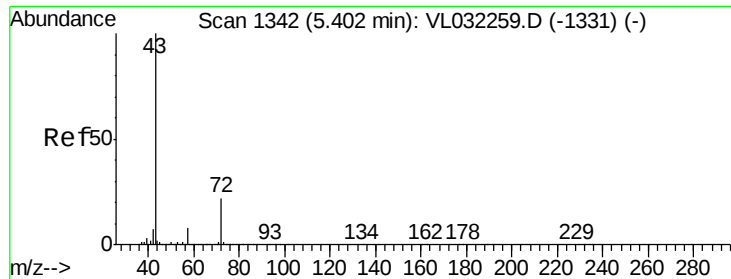
MMDadoda
7/20/2018 2:06:17 PM



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.6	33.8
88	19.1	15.2	22.8





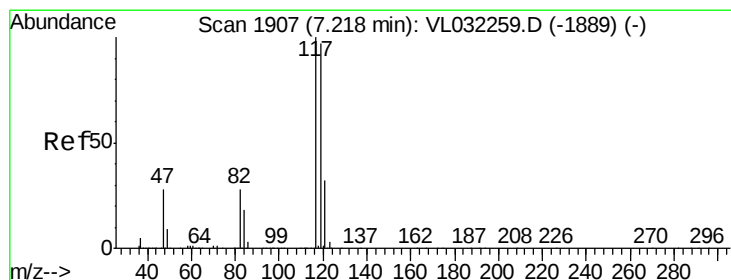
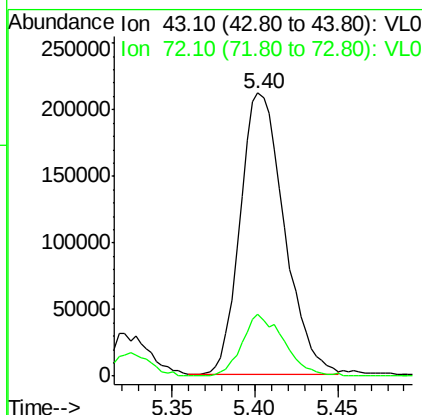
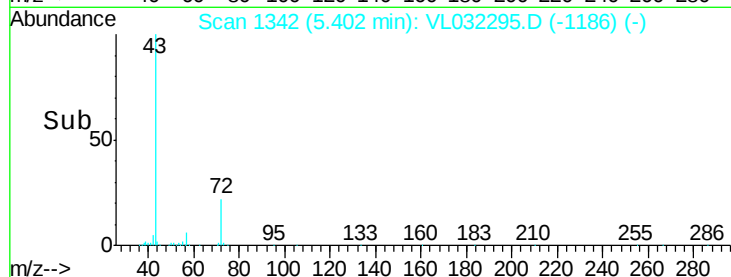
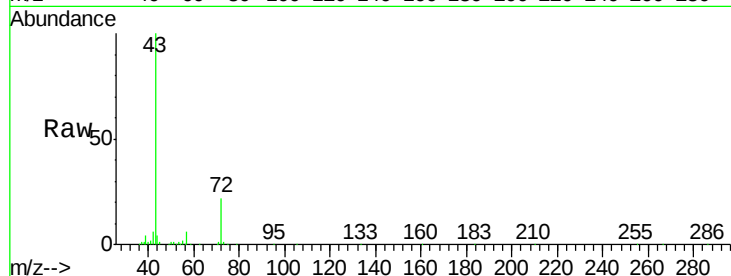
#34
2-Butanone
Concen: 1.70 ppbv
RT: 5.40 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 43 Resp: 390957
Ion Ratio Lower Upper
43 100
72 21.2 17.7 26.5

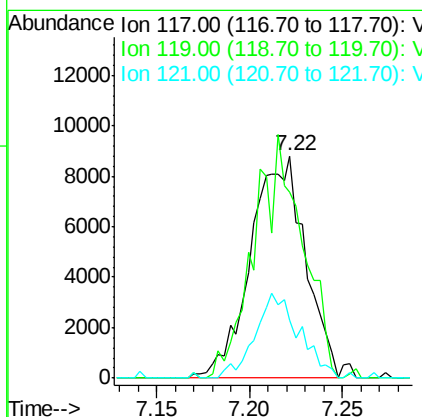
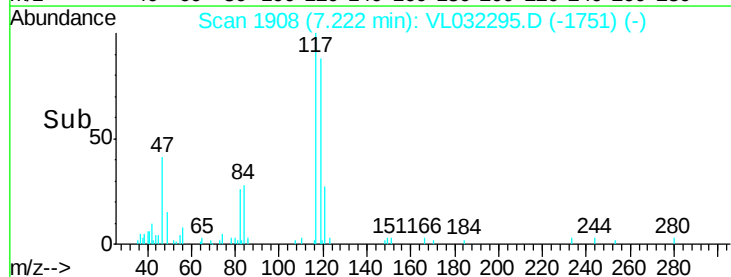
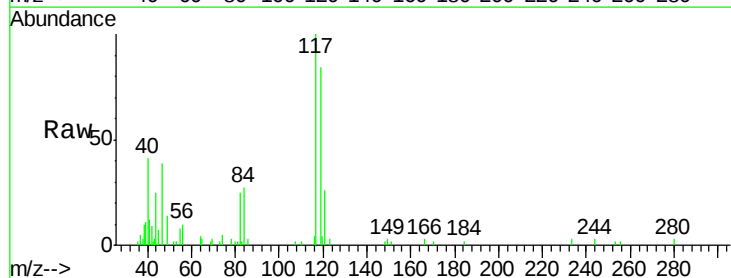
Manual Integrations
APPROVED

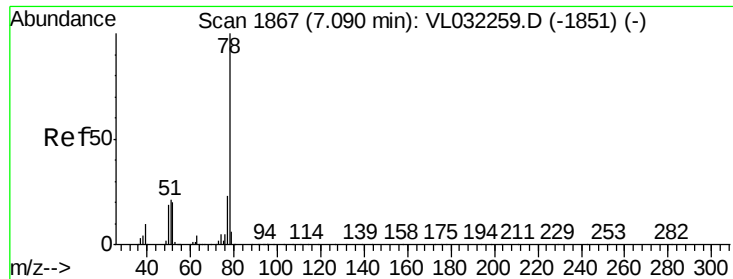
MMDadoda
7/20/2018 2:06:17 PM



#35
Carbon Tetrachloride
Concen: 0.08 ppbv m
RT: 7.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion: 117 Resp: 17899
Ion Ratio Lower Upper
117 100
119 84.0 77.4 116.0
121 26.0 25.4 38.2





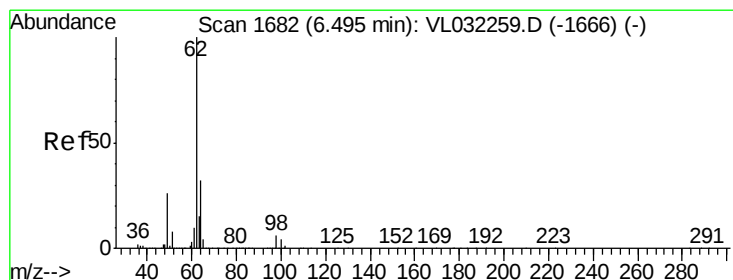
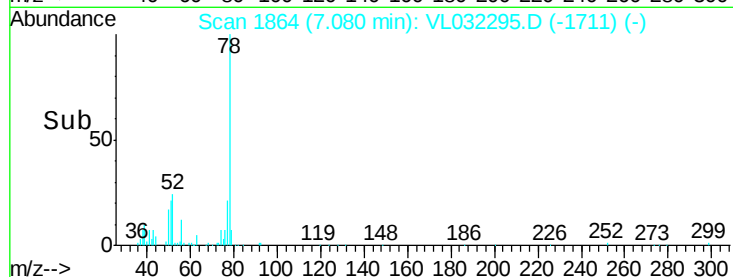
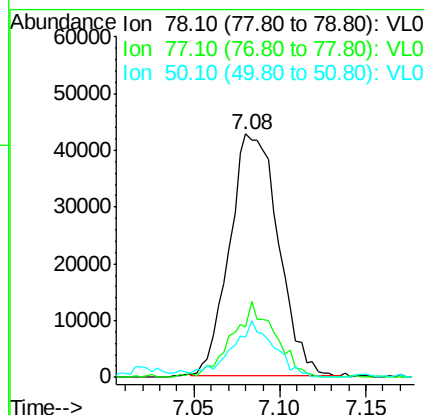
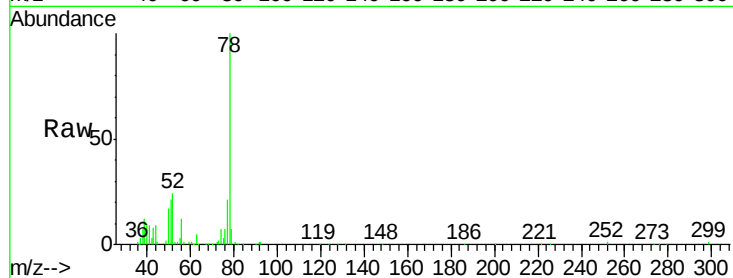
#36
Benzene
Concen: 0.26 ppbv
RT: 7.08 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion	Ion	Ratio	Resp	Lower	Upper
78	100		84136		
77	20.6		18.6	27.8	
50	16.8		15.0	22.6	

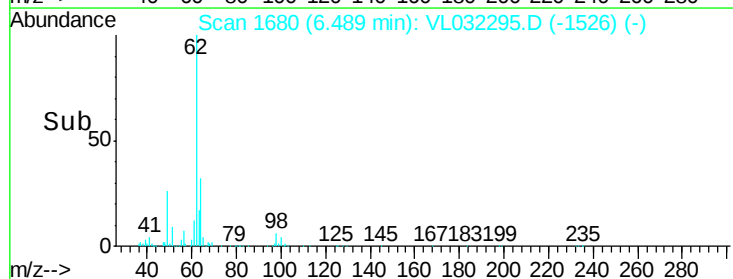
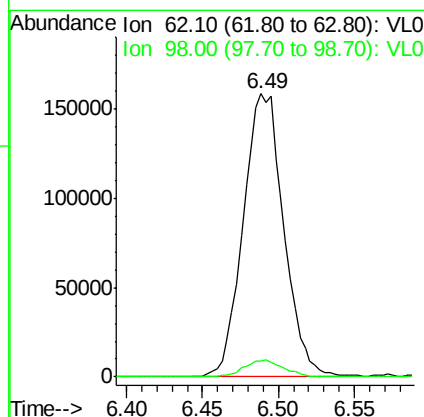
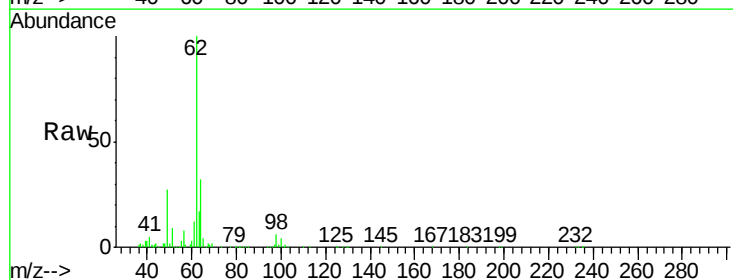
Manual Integrations
APPROVED

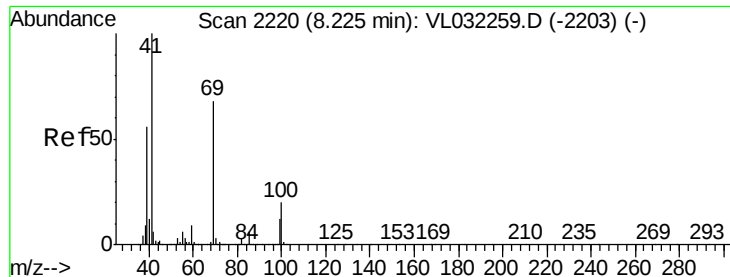
MMDadoda
7/20/2018 2:06:17 PM



#37
1,2-Dichloroethane
Concen: 1.51 ppbv m
RT: 6.49 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		294164		
98	0.0		4.9	7.3#	





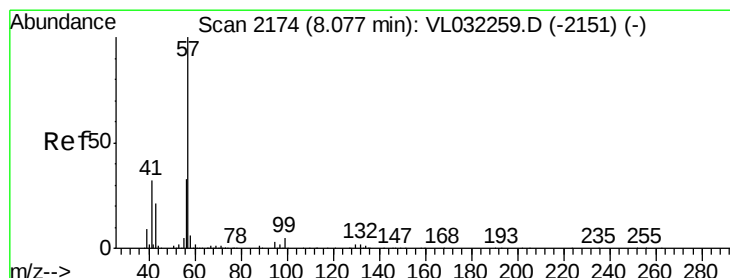
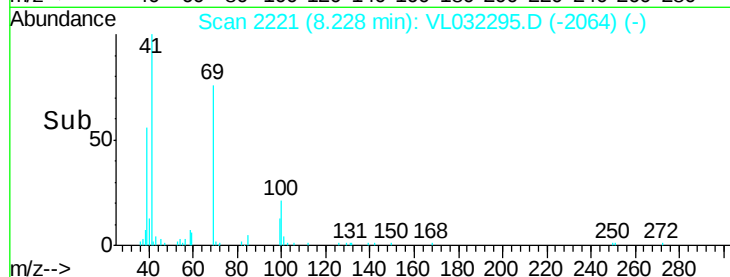
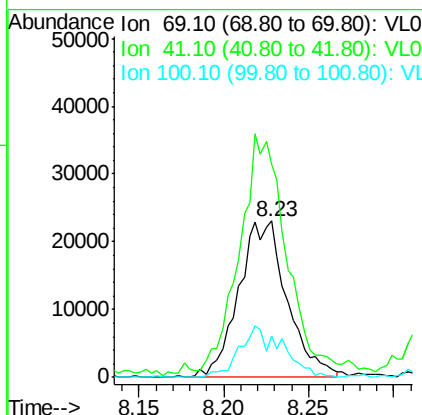
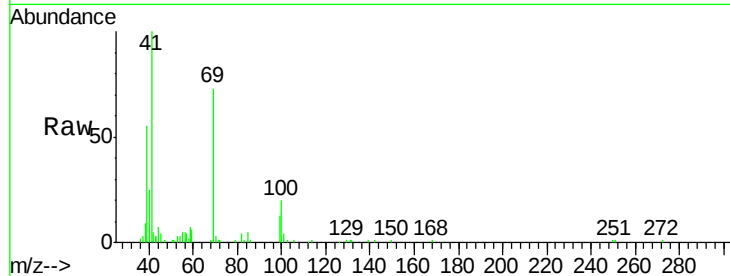
#43
Methvl Methacrvlate
Concen: 0.34 ppbv m
RT: 8.23 min Scan# 2221
Delta R.T. 0.00 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion	Ratio	Lower	Upper
69	100		
41	150.1	118.6	177.8
100	29.3	23.3	34.9

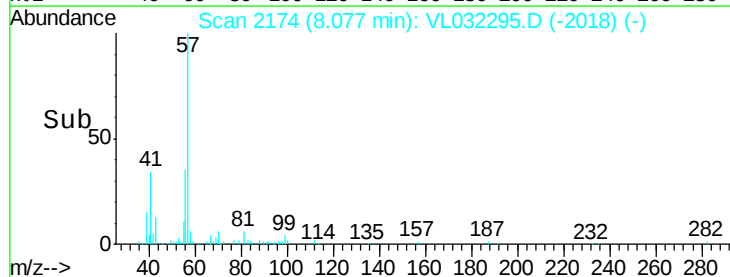
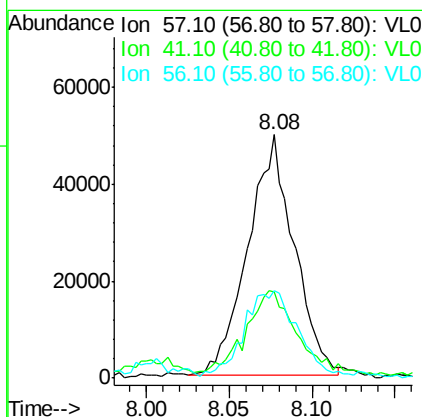
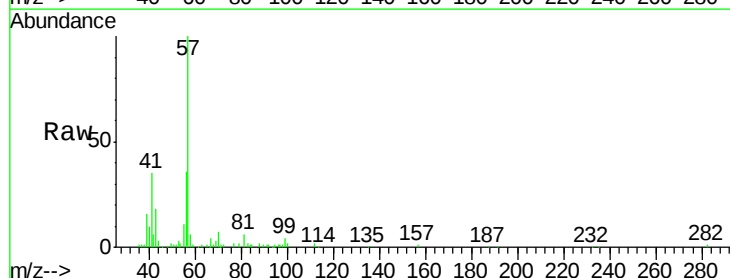
Manual Integrations
APPROVED

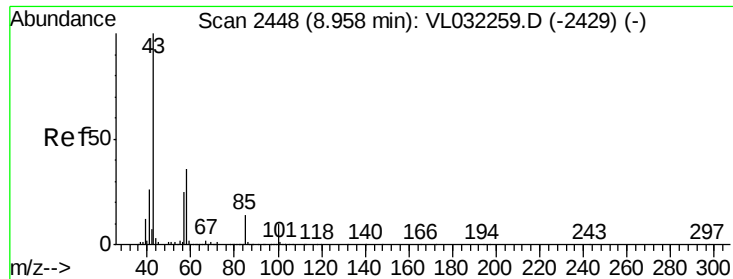
MMDadoda
7/20/2018 2:06:17 PM



#44
2,2,4-Trimethylpentane
Concen: 0.17 ppbv
RT: 8.08 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion	Ratio	Lower	Upper
57	100		
41	41.2	24.4	36.6#
56	44.5	25.7	38.5#





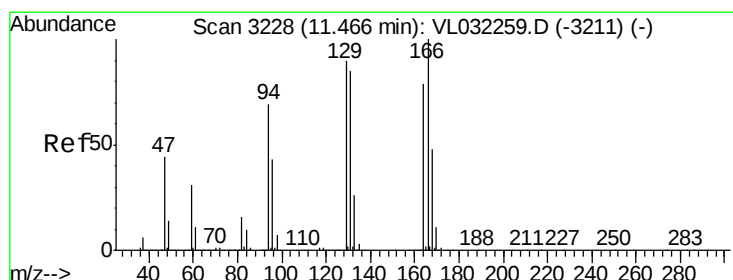
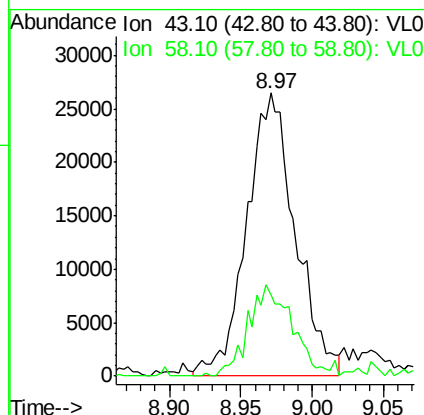
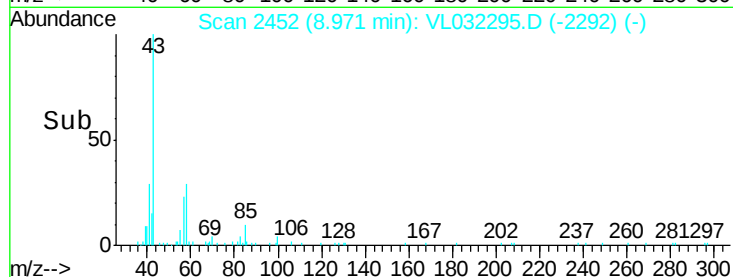
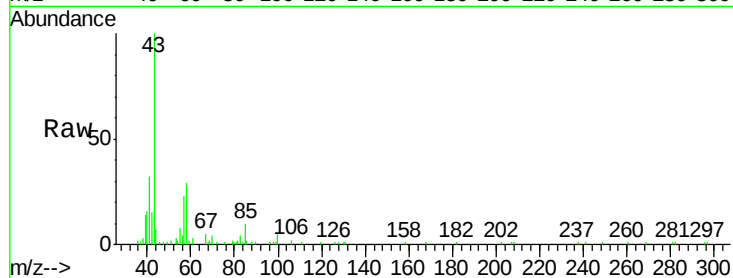
#50
4-Methyl-2-Pentanone
Concen: 0.17 ppbv m
RT: 8.97 min Scan# 2452
Delta R.T. 0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Instrument :
MSVOA_L
ClientSampleId :
BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 43 Resp: 62790
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#

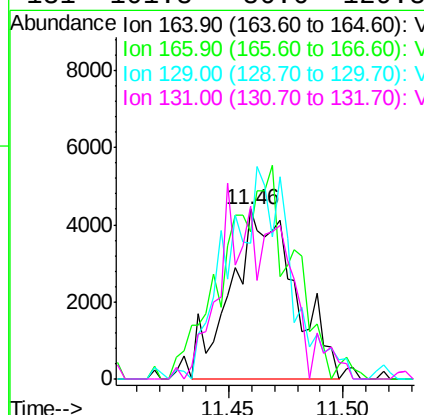
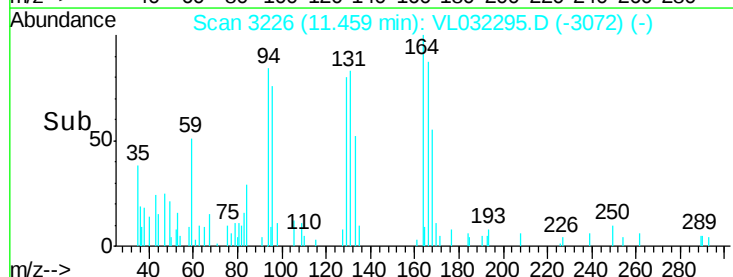
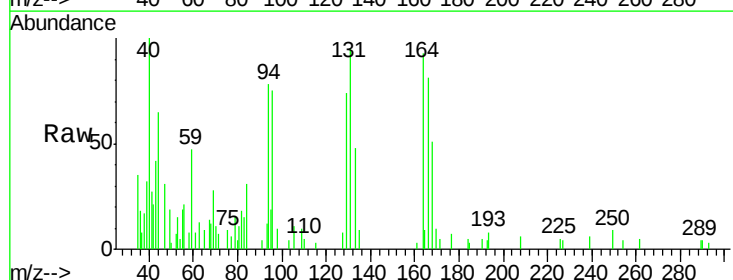
Manual Integrations
APPROVED

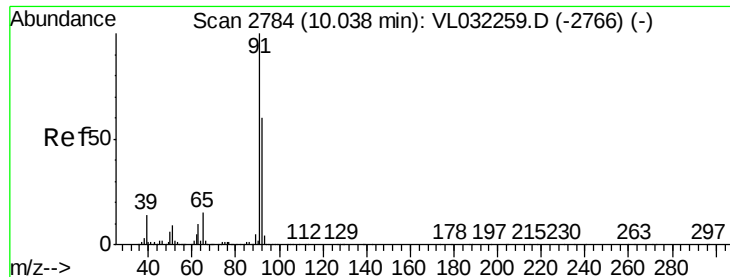
MMDadoda
7/20/2018 2:06:17 PM



#52
Tetrachloroethene
Concen: 0.08 ppbv m
RT: 11.46 min Scan# 3226
Delta R.T. -0.01 min
Lab File: VL032295.D
Acq: 19 Jul 2018 19:35

Tgt Ion: 164 Resp: 8496
Ion Ratio Lower Upper
164 100
166 86.9 101.7 152.5#
129 79.9 91.5 137.3#
131 101.8 86.6 129.8





#53

Toluene

Concen: 3.03 ppbv

RT: 10.03 min Scan# 2782

Delta R.T. -0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 91 Resp: 1208004

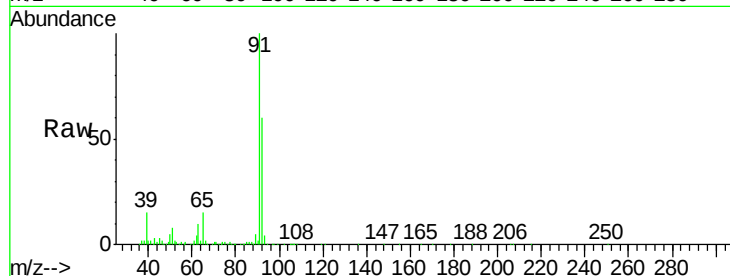
Ion Ratio Lower Upper

91 100

92 60.3 48.6 72.8

Manual Integrations
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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

10.03

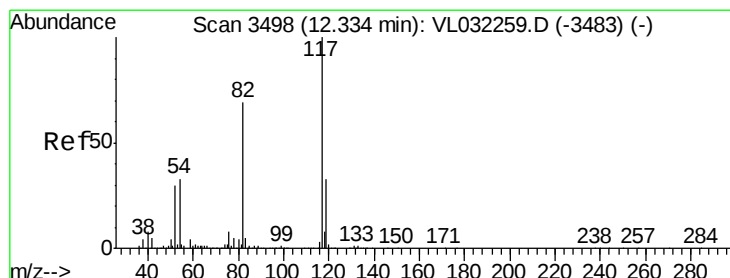
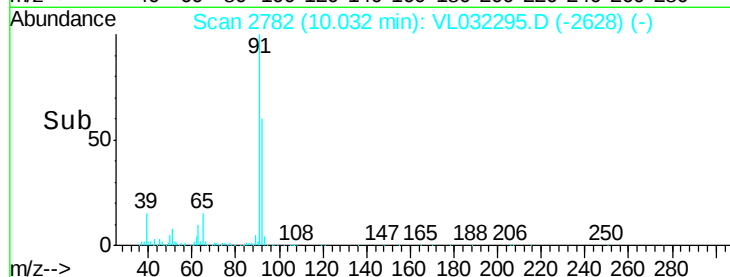
600000

400000

200000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.33 min Scan# 3497

Delta R.T. -0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

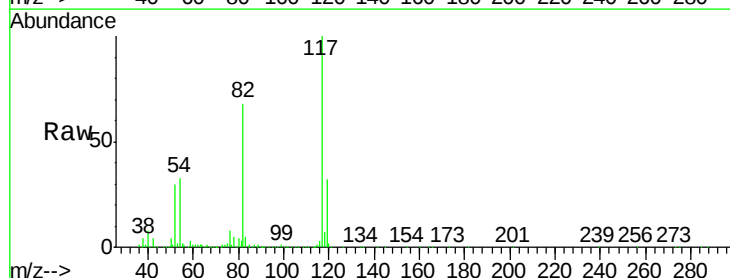
Tgt Ion: 117 Resp: 3810026

Ion Ratio Lower Upper

117 100

82 69.0 53.9 80.9

119 32.6 25.5 38.3



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

12.33

2000000

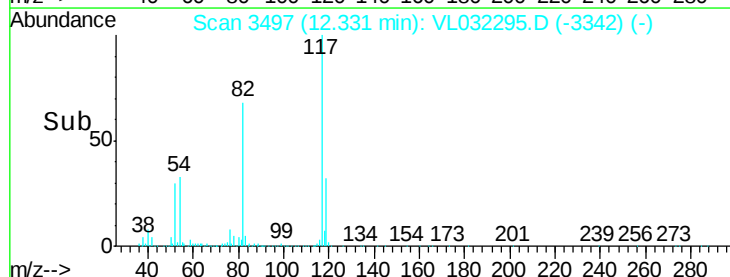
1500000

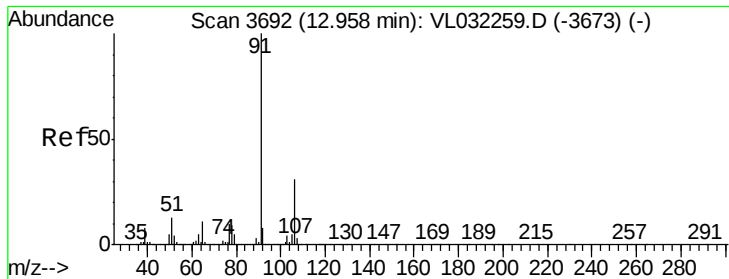
1000000

500000

0

Time-->





#58

Ethyl Benzene

Concen: 0.75 ppbv

RT: 12.95 min Scan# 3691

Delta R.T. -0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 91 Resp: 400052

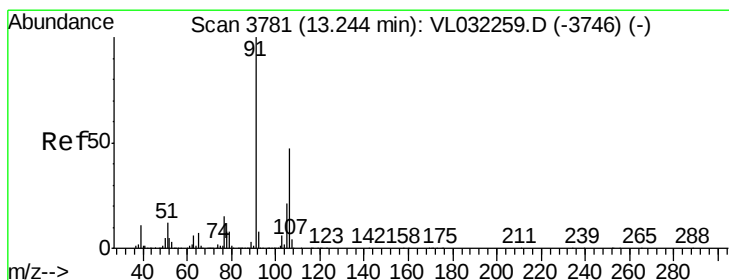
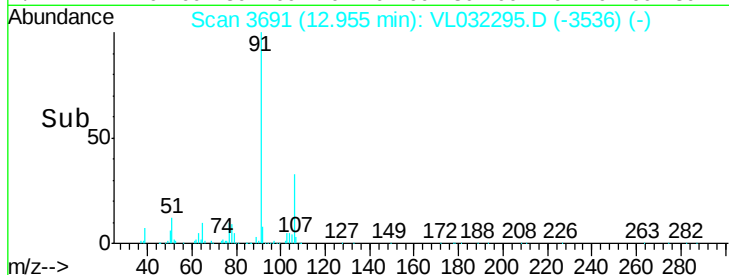
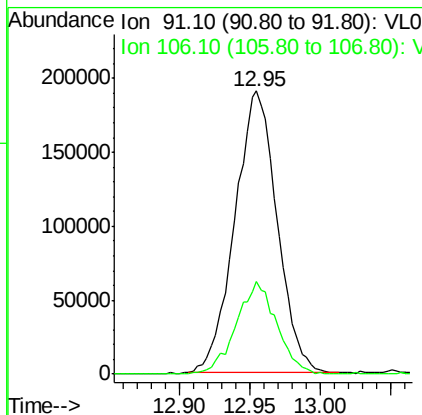
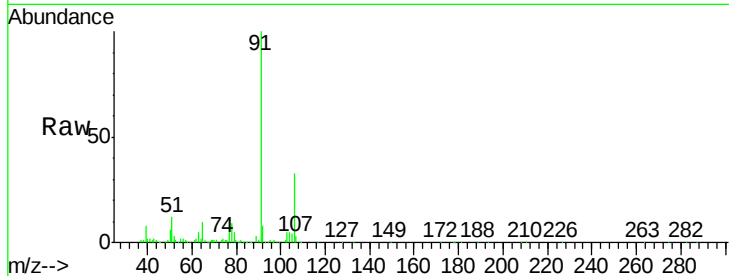
Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7

Manual Integrations
APPROVED

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7/20/2018 2:06:17 PM



#59

m/p-Xylene

Concen: 1.95 ppbv

RT: 13.21 min Scan# 3770

Delta R.T. -0.04 min

Lab File: VL032295.D

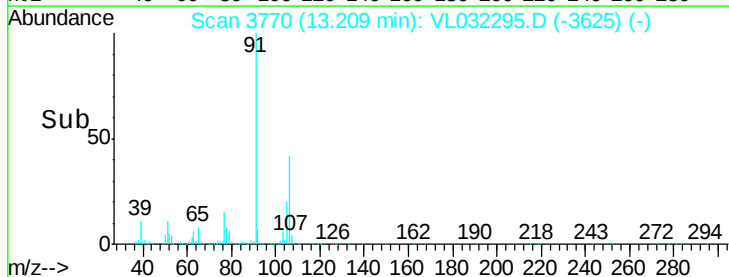
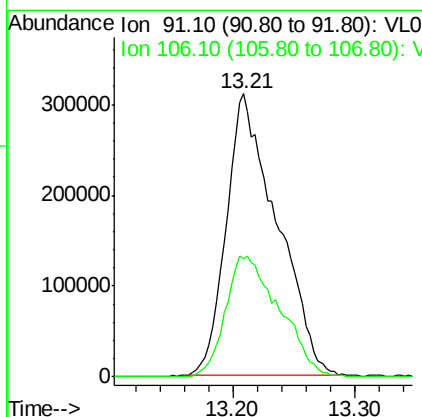
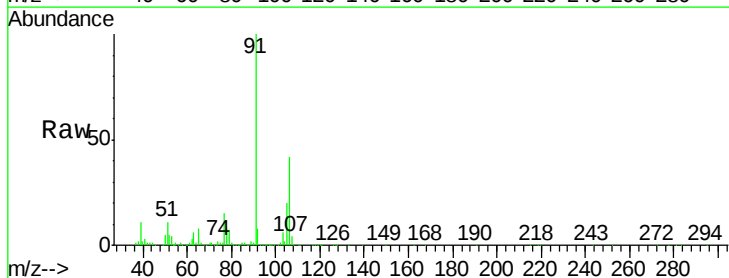
Acq: 19 Jul 2018 19:35

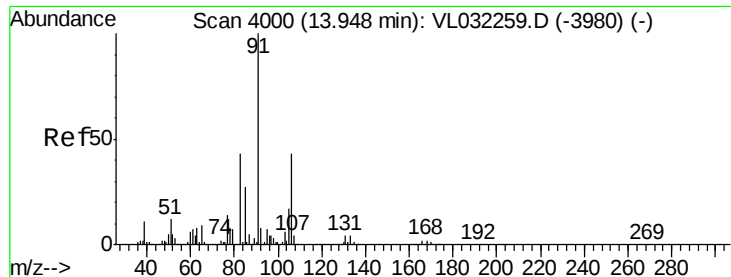
Tgt Ion: 91 Resp: 893540

Ion Ratio Lower Upper

91 100

106 46.2 36.2 54.2





#60

o-Xylene

Concen: 0.72 ppbv

RT: 13.94 min Scan# 3997

Delta R.T. -0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 91 Resp: 329528

Ion Ratio Lower Upper

91 100

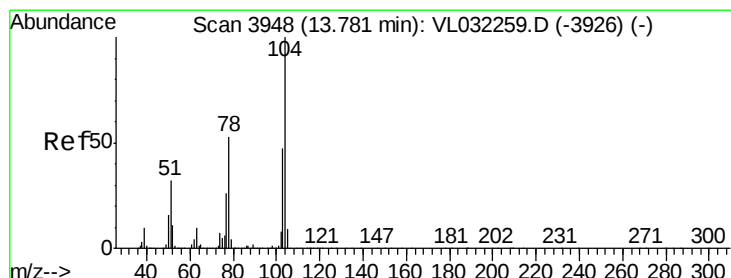
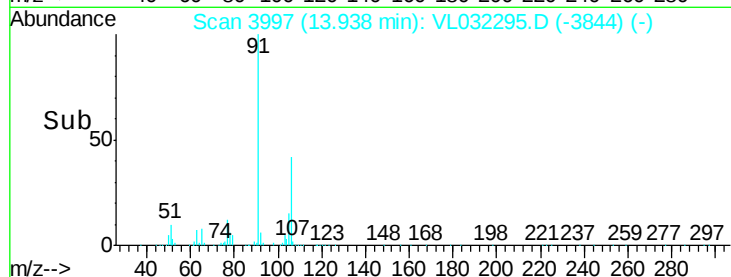
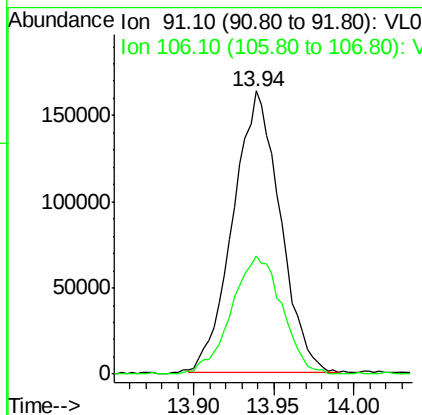
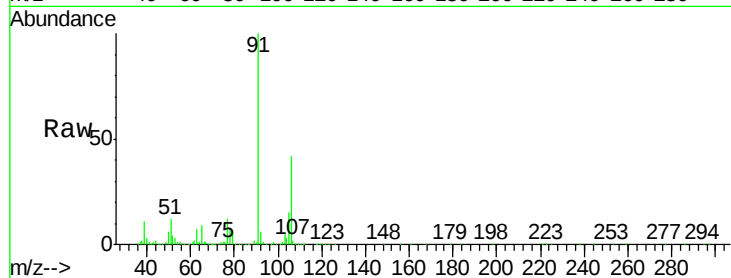
106 45.1 21.7 65.1

Manual Integrations

APPROVED

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#61

Styrene

Concen: 0.52 ppbv

RT: 13.78 min Scan# 3947

Delta R.T. -0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

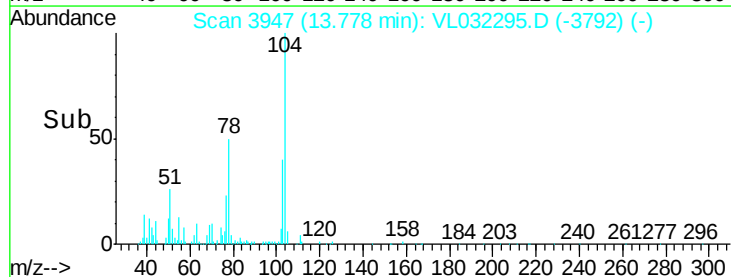
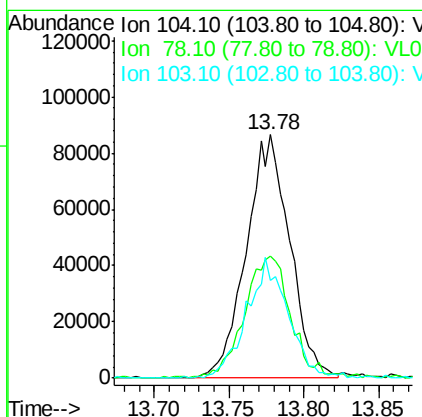
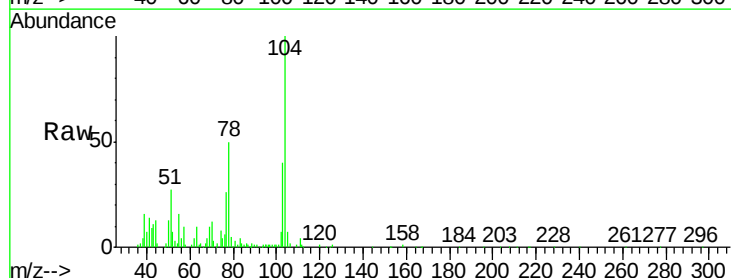
Tgt Ion: 104 Resp: 175015

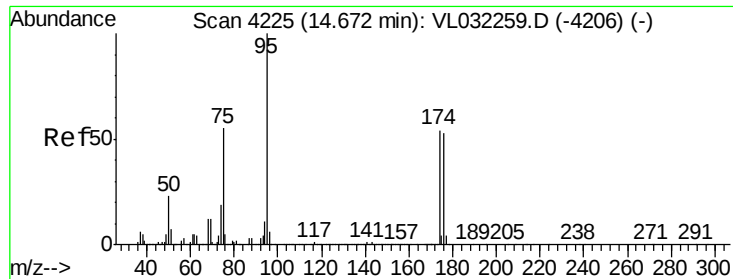
Ion Ratio Lower Upper

104 100

78 54.3 43.2 64.8

103 47.4 37.8 56.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.89 ppbv

RT: 14.67 min Scan# 4223

Delta R.T. -0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion: 95 Resp: 3055690

Ion Ratio Lower Upper

95 100

174 55.0 44.3 66.5

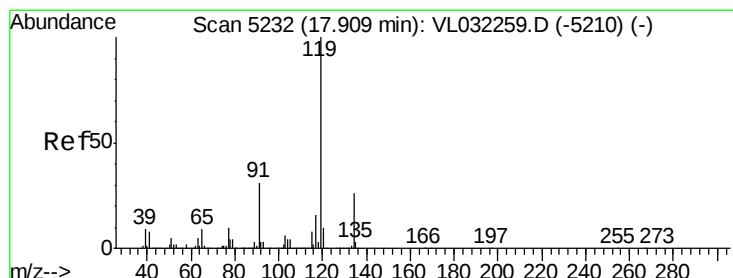
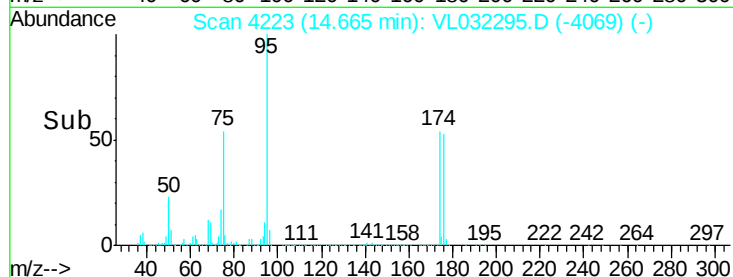
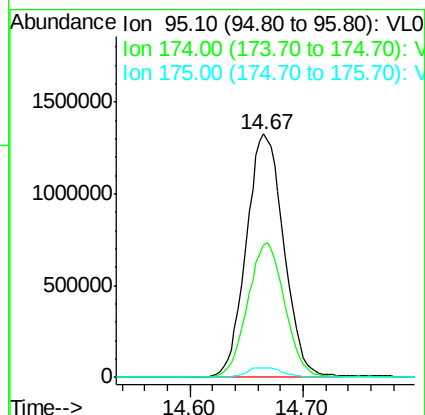
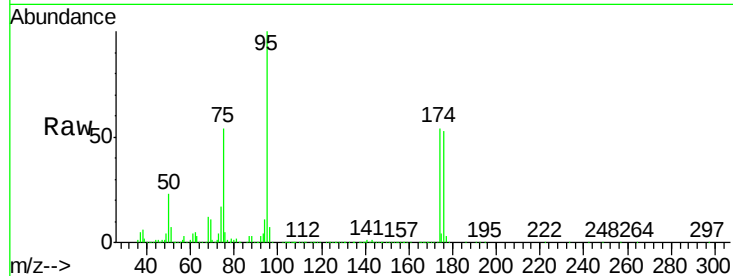
175 4.0 3.3 4.9

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#69

p-Isopropyltoluene

Concen: 0.17 ppbv

RT: 17.90 min Scan# 5230

Delta R.T. -0.01 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

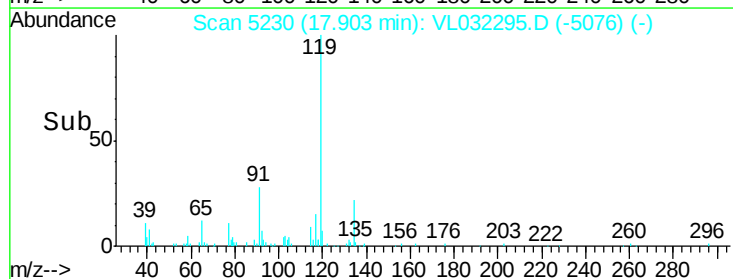
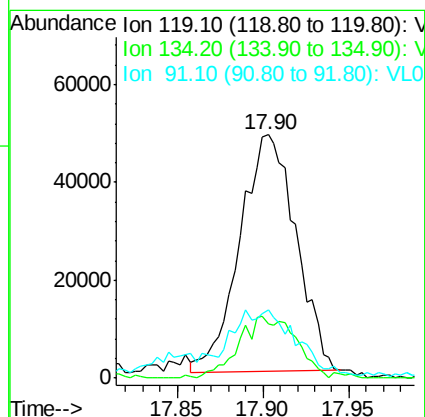
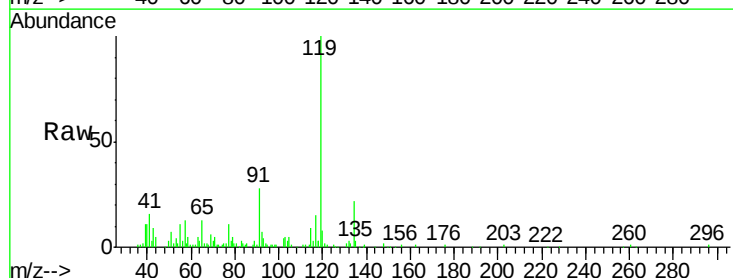
Tgt Ion: 119 Resp: 109567

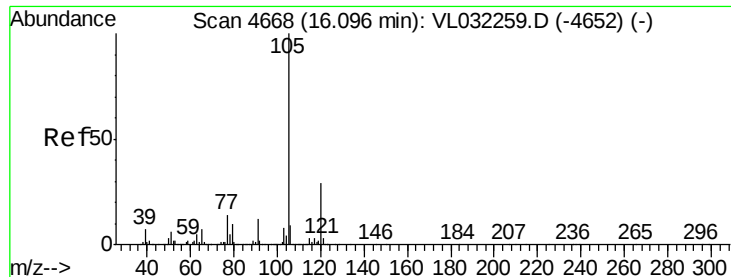
Ion Ratio Lower Upper

119 100

134 27.1 20.3 30.5

91 42.0 24.1 36.1#





#72

4-Ethyltoluene

Concen: 0.10 ppbv m

RT: 16.09 min Scan# 4667

Delta R.T. -0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

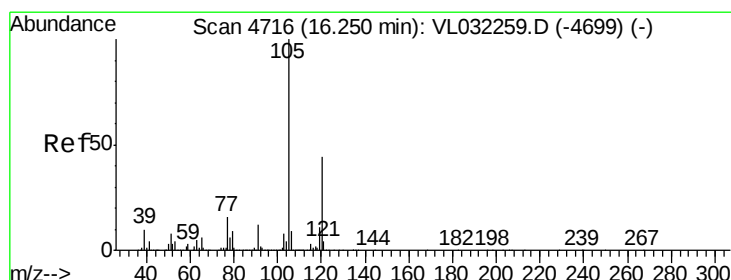
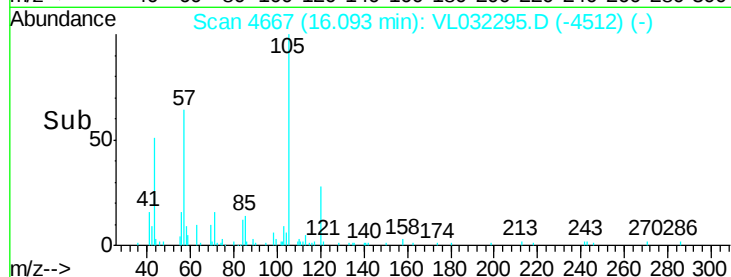
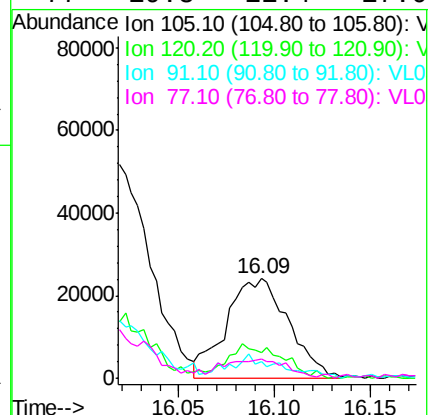
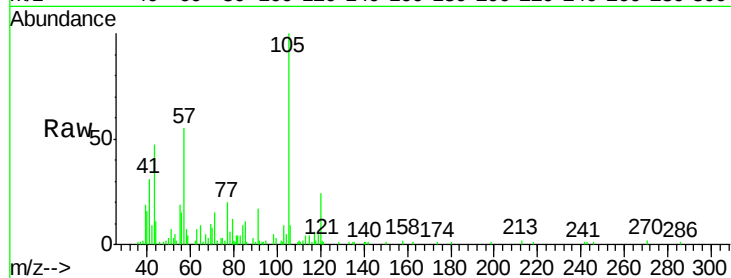
ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU

Tot Ion:	105	Resp:	54578
Ion Ratio	Lower	Upper	
105	100		
120	0.0	23.0	34.6#
91	0.0	10.1	15.1#
77	19.8	11.4	17.0#

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#73

1,3,5-Trimethylbenzene

Concen: 0.13 ppbv m

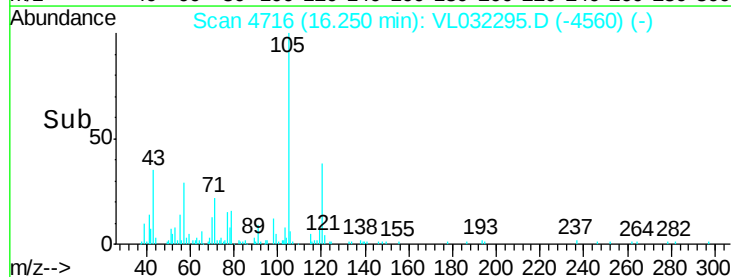
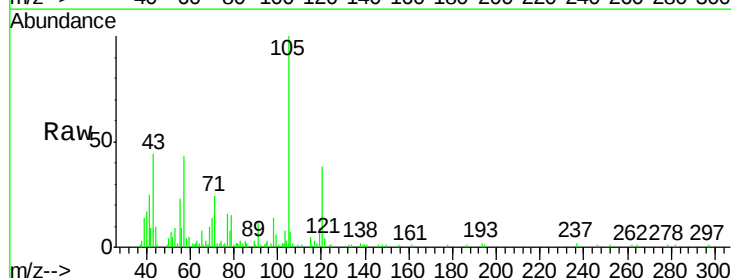
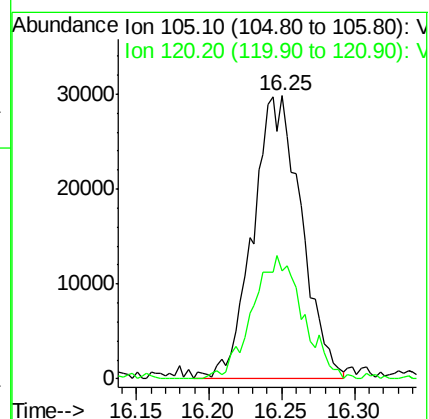
RT: 16.25 min Scan# 4716

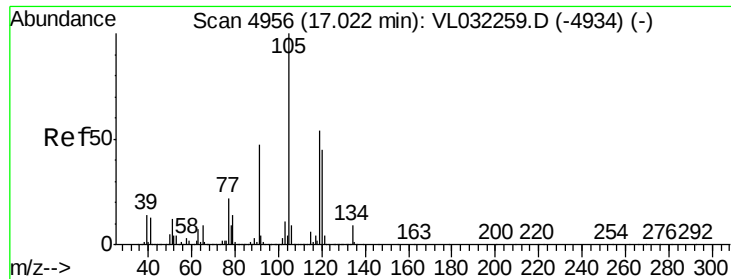
Delta R.T. 0.00 min

Lab File: VL032295.D

Acq: 19 Jul 2018 19:35

Tgt Ion:	105	Resp:	69091
Ion Ratio	Lower	Upper	
105	100		
120	38.4	35.5	53.3





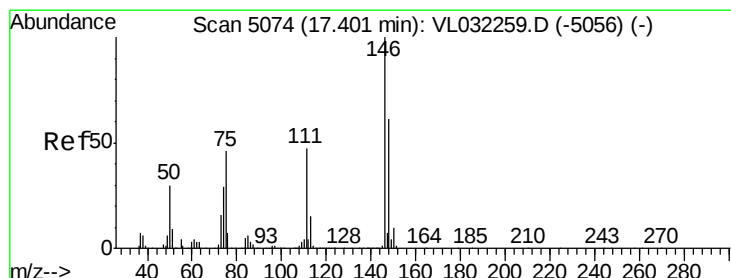
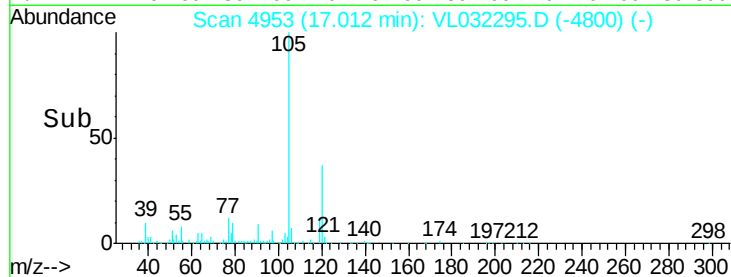
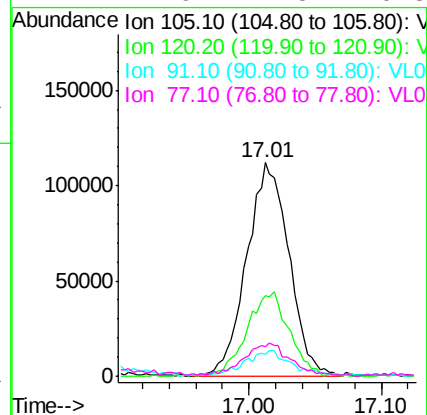
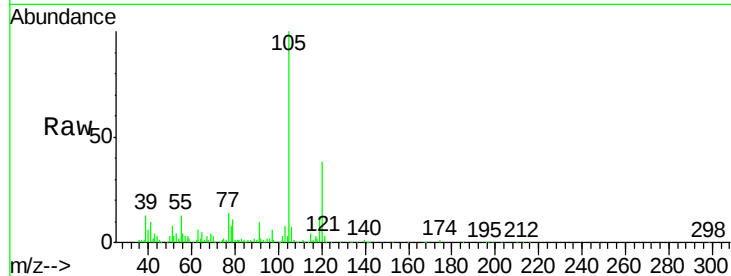
#74
 1,2,4-Trimethylbenzene
 Concen: 0.46 ppbv
 RT: 17.01 min Scan# 4953
 Delta R.T. -0.01 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Instrument :
 MSVOA_L
 ClientSampleId :
 BACK-STORAGE-RM-01-0717-01DU

Tot Ion	Ratio	Resp	Lower	Upper
105	100	247021		
120	37.6	35.8	53.6	
91	10.0	38.2	57.4	
77	12.9	17.5	26.3	

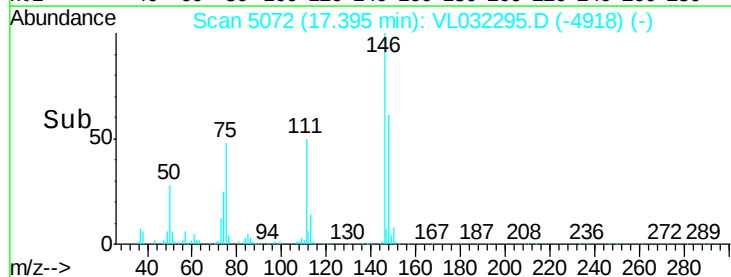
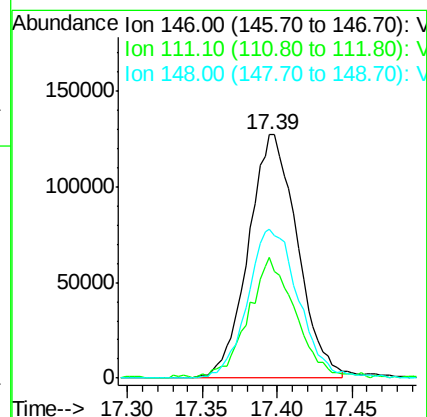
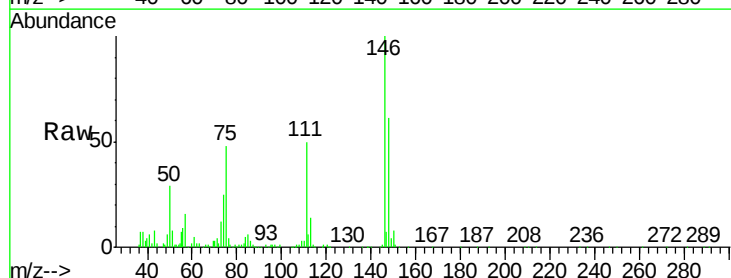
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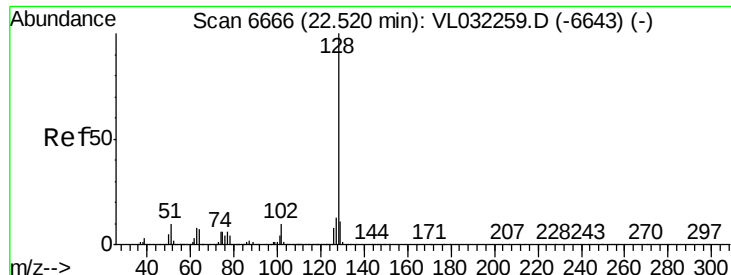
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#76
 1,4-Dichlorobenzene
 Concen: 0.97 ppbv
 RT: 17.39 min Scan# 5072
 Delta R.T. -0.01 min
 Lab File: VL032295.D
 Acq: 19 Jul 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	289105		
111	49.0	24.1	72.2	
148	64.1	31.9	95.9	





#79

Naphthalene

Concen: 0.13 ppbv m

RT: 22.52 min Scan# 6666

Delta R.T. 0.00 min

Lab File: VL032295.D

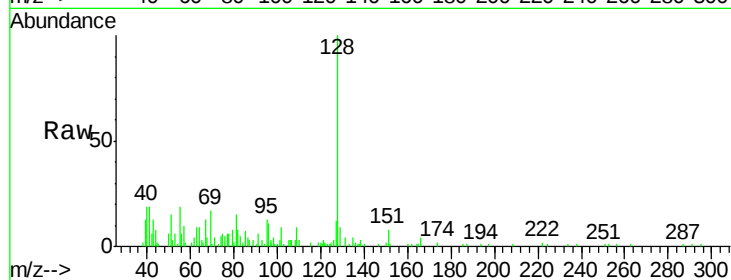
Acq: 19 Jul 2018 19:35

Instrument :

MSVOA_L

ClientSampleId :

BACK-STORAGE-RM-01-0717-01DU



Tot Ion:	128	Resp:	59066
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.5	15.7
129	8.8	8.6	12.8

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