

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032373.D
 Acq On : 16 Aug 2018 5:57
 Operator : SY/AP
 Sample : J4457-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:57 PM

Quant Time: Aug 16 22:34:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 16 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1458853	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3233601	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3117094	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2397108	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.21	50	84162	1.05	ppbv	# 88
9) Propene	3.08	41	219298	3.79	ppbv	# 67
10) Heptane	8.31	43	132616	0.76	ppbv	99
11) Trichlorofluoromethane	4.04	101	46387	0.28	ppbv	96
13) Ethanol	3.70	45	2164074	145.68	ppbv	97
15) Acetone	3.94	43	5178177	37.36	ppbv	97
17) tert-Butyl alcohol	4.42	59	178377m	7.67	ppbv	
19) Isopropyl Alcohol	4.08	45	2746209	29.42	ppbv	# 1
20) Methylene Chloride	4.46	84	409093	7.81	ppbv	93
25) Ethyl Acetate	5.81	43	7051494	23.74	ppbv	# 89
27) Carbon Disulfide	4.67	76	169983	1.38	ppbv	# 89
29) Chloroform	5.91	83	917466	4.73	ppbv	99
30) Cyclohexane	7.31	84	561812	5.57	ppbv	98
34) 2-Butanone	5.38	43	906907	4.12	ppbv	100
35) Carbon Tetrachloride	7.20	117	595324	3.12	ppbv	96
36) Benzene	7.06	78	140521	0.51	ppbv	96
37) 1,2-Dichloroethane	6.47	62	18701	0.11	ppbv	# 88
38) Trichloroethene	8.03	130	13374m	0.14	ppbv	
41) Tetrahydrofuran	6.22	42	80912m	0.68	ppbv	
44) 2,2,4-Trimethylpentane	8.05	57	133363	0.27	ppbv	# 65
50) 4-Methyl-2-Pentanone	8.94	43	99715	0.31	ppbv	97
52) Tetrachloroethene	11.44	164	40674	0.50	ppbv	89
53) Toluene	10.01	91	1718163	5.72	ppbv	100
58) Ethyl Benzene	12.93	91	563267	1.50	ppbv	98
59) m/p-Xylene	13.19	91	1585899	4.98	ppbv	99
60) o-Xylene	13.92	91	781324	2.50	ppbv	100
61) Styrene	13.75	104	130482	0.60	ppbv	98
62) Isopropylbenzene	14.89	105	72583	0.16	ppbv	96
64) n-propylbenzene	15.79	120	38721m	0.34	ppbv	
69) p-Isopropyltoluene	17.88	119	111004	0.26	ppbv	99
70) n-Butylbenzene	18.79	91	63973m	0.13	ppbv	
72) 4-Ethyltoluene	16.06	105	208801	0.60	ppbv	97
73) 1,3,5-Trimethylbenzene	16.22	105	257611	0.77	ppbv	96
74) 1,2,4-Trimethylbenzene	16.99	105	691080m	1.93	ppbv	
79) Naphthalene	22.49	128	84421	0.57	ppbv	96

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

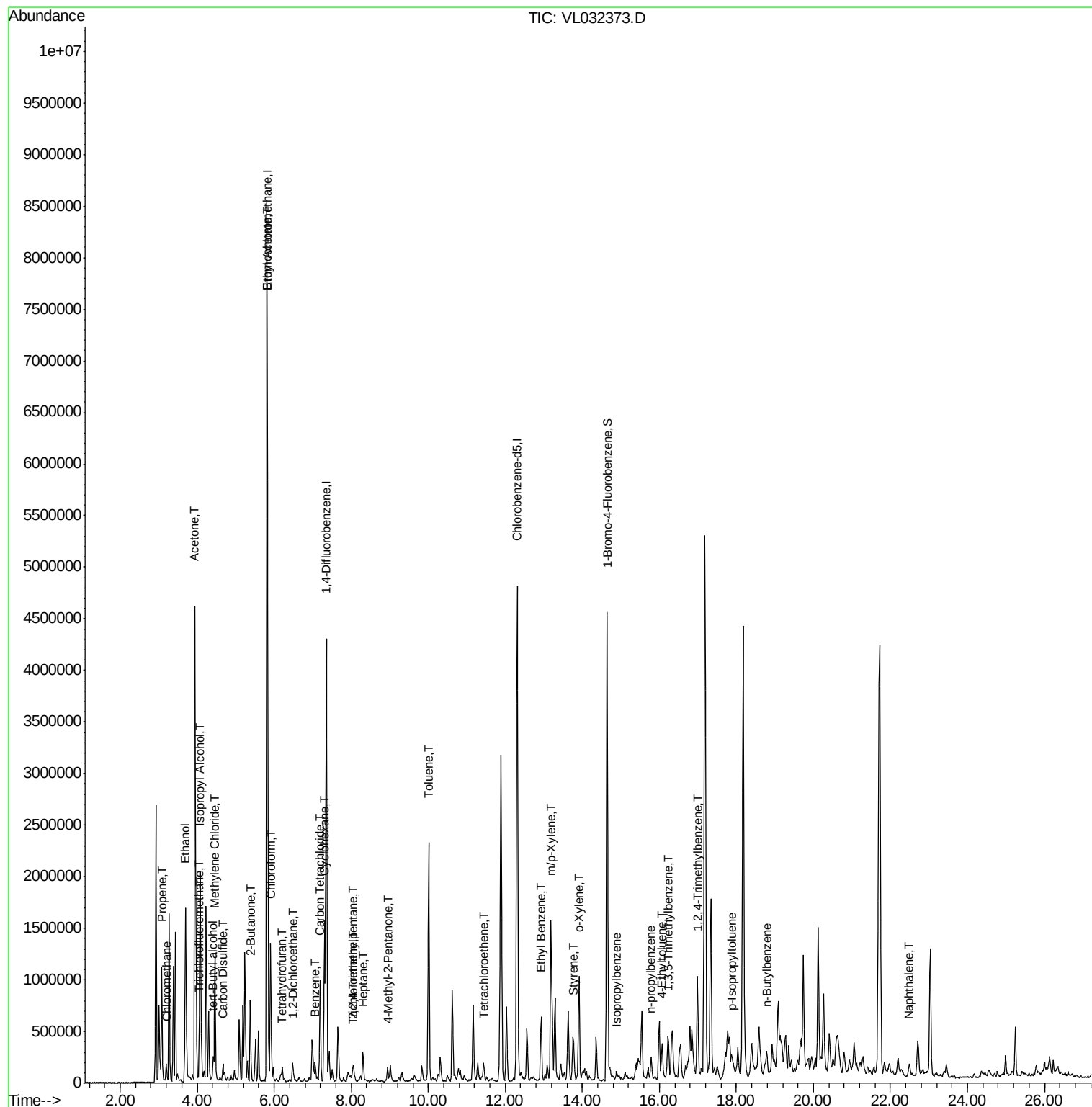
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081518\
Data File : VL032373.D
Acq On : 16 Aug 2018 5:57
Operator : SY/AP
Sample : J4457-09
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

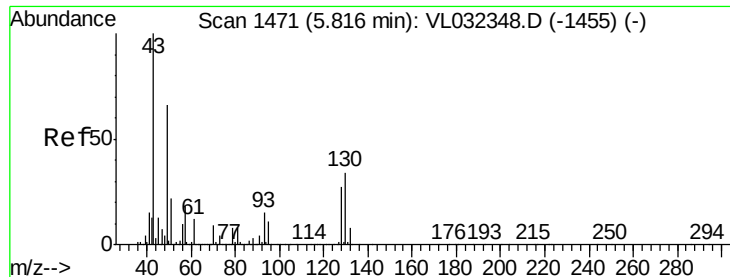
Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

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Quant Time: Aug 16 22:34:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1472

Delta R.T. 0.00 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

ClientSampleId :

SG04-MIVI

Tot Ion: 49 Resp: 1458853

Ion Ratio Lower Upper

49 100

128 42.8 20.5 61.6

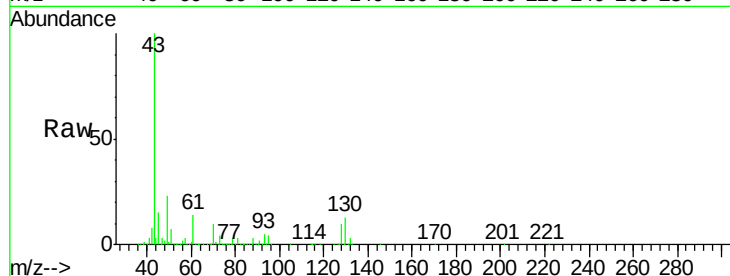
130 54.2 26.2 78.5

Manual Integrations

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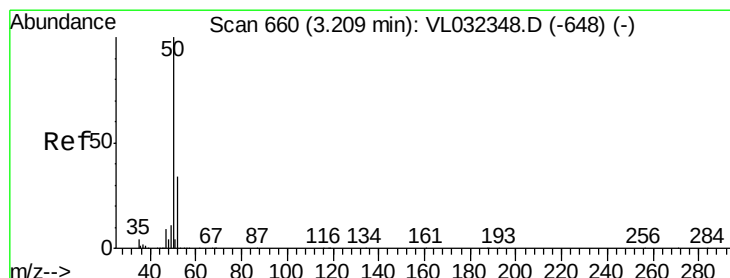
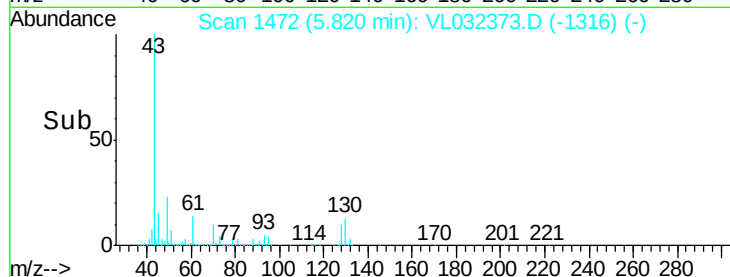
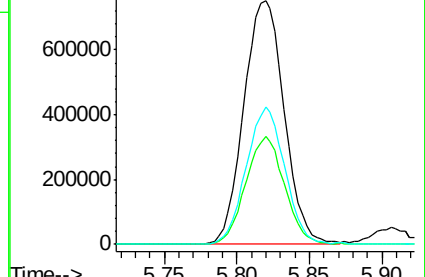
8/17/2018 2:06:57 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#4

Chloromethane

Concen: 1.05 ppbv

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VL032373.D

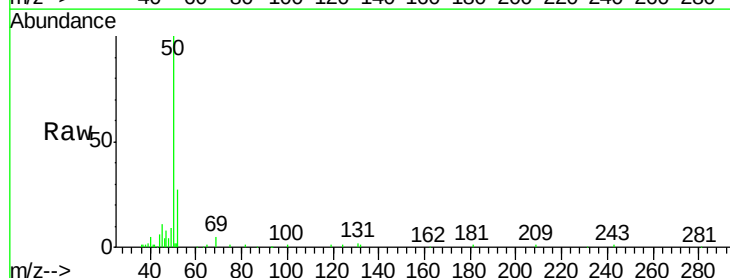
Acq: 16 Aug 2018 5:57

Tgt Ion: 50 Resp: 84162

Ion Ratio Lower Upper

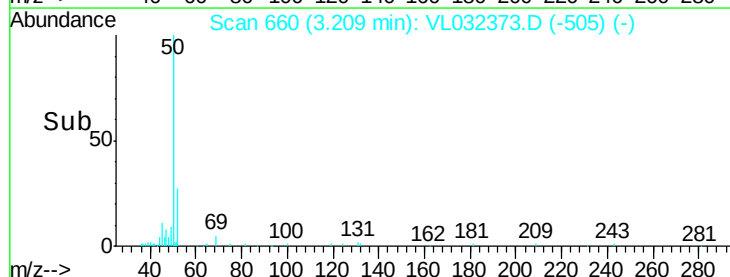
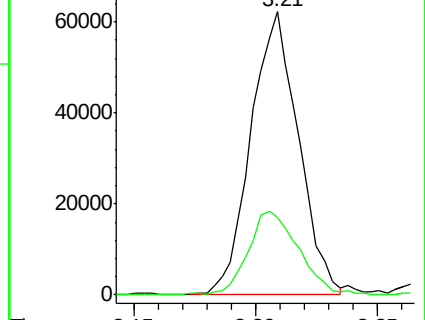
50 100

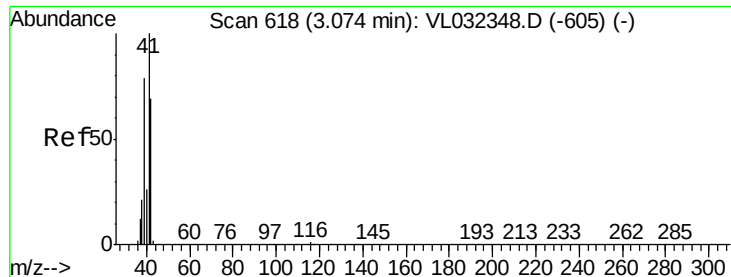
52 26.7 26.8 40.2#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 3.79 ppbv

RT: 3.08 min Scan# 621

Delta R.T. 0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

ClientSampleId :

SG04-MIVI

Tot Ion: 41 Resp: 219298

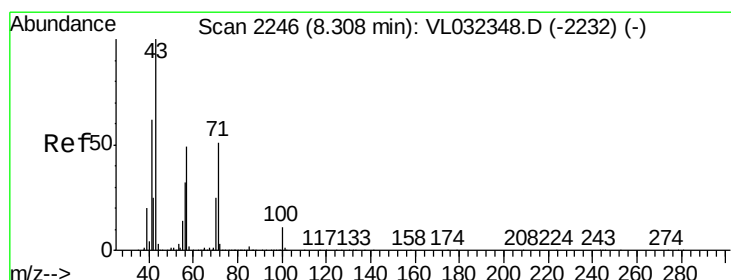
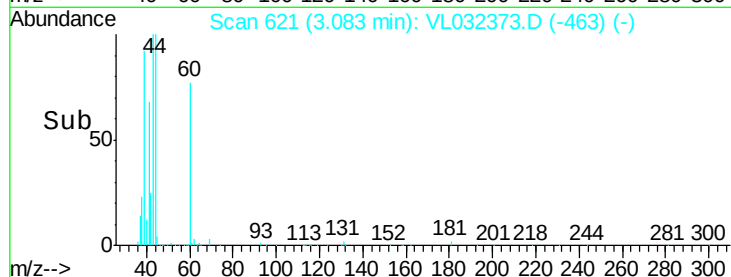
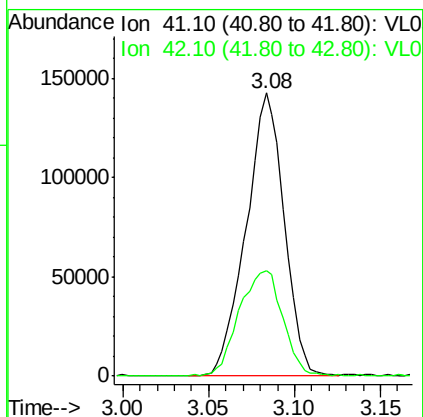
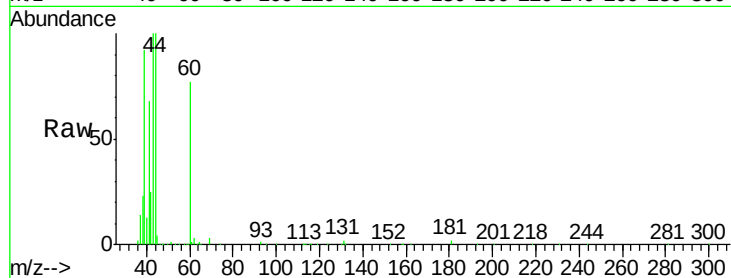
Ion Ratio Lower Upper

41 100

42 42.9 55.9 83.9#

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#10

Heptane

Concen: 0.76 ppbv

RT: 8.31 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VL032373.D

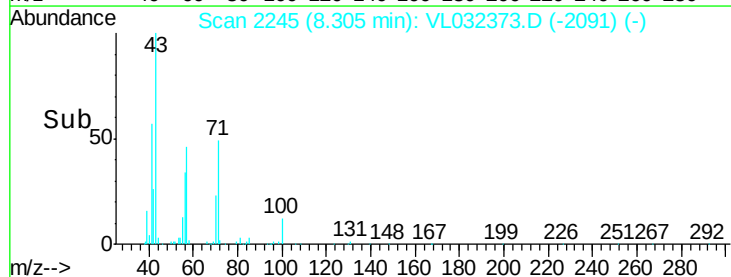
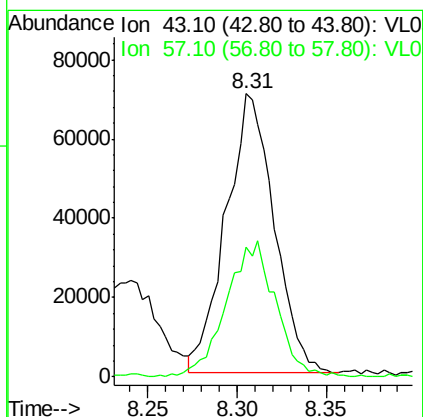
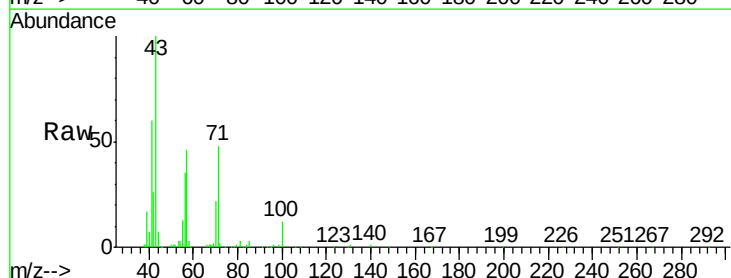
Acq: 16 Aug 2018 5:57

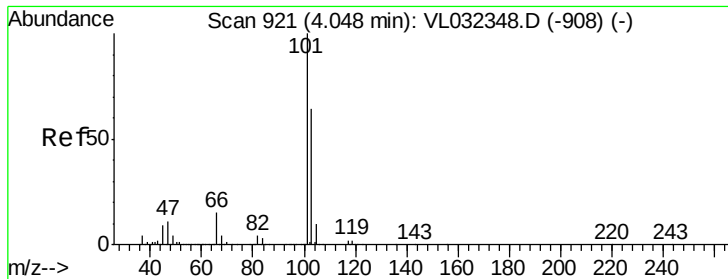
Tgt Ion: 43 Resp: 132616

Ion Ratio Lower Upper

43 100

57 49.9 39.5 59.3





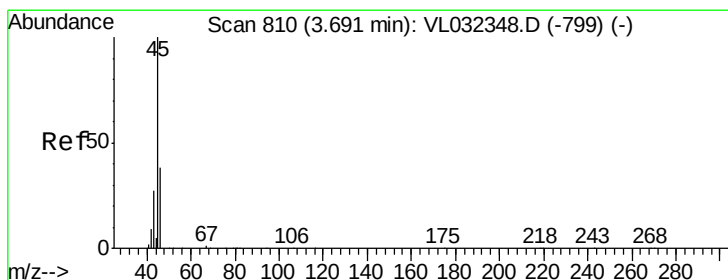
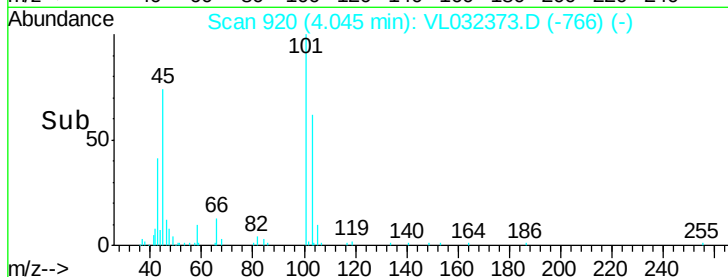
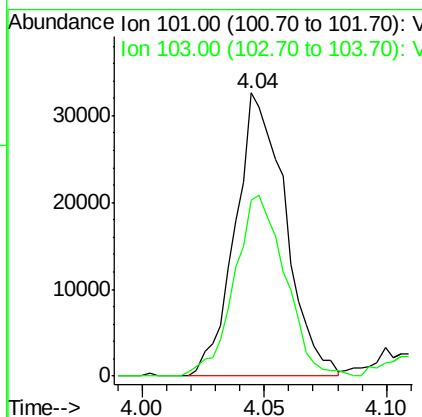
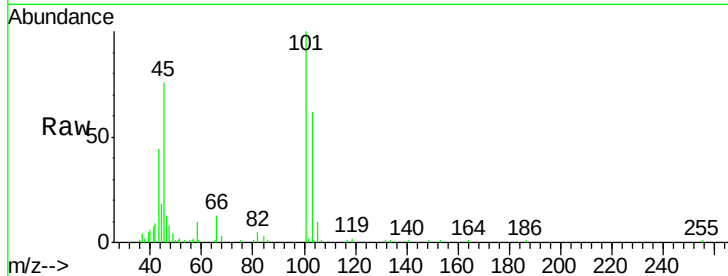
#11
 Trichlorofluoromethane
 Concen: 0.28 ppbv
 RT: 4.04 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.4	77.0

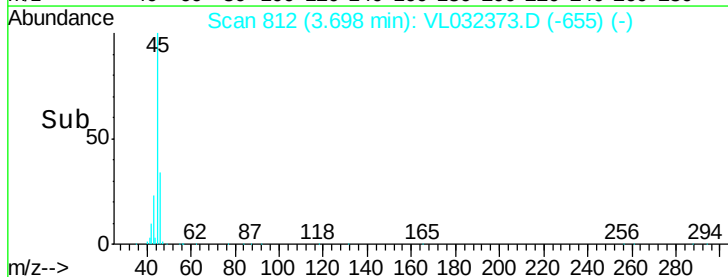
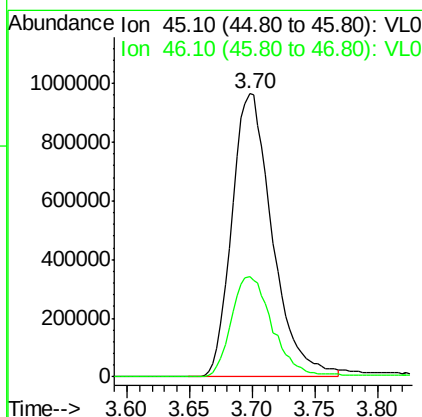
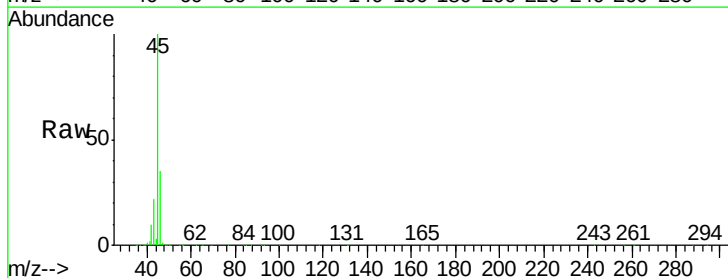
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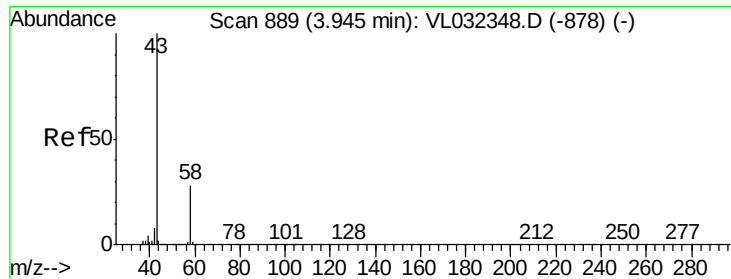
MMDadoda
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#13
 Ethanol
 Concen: 145.68 ppbv
 RT: 3.70 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.6	62.4





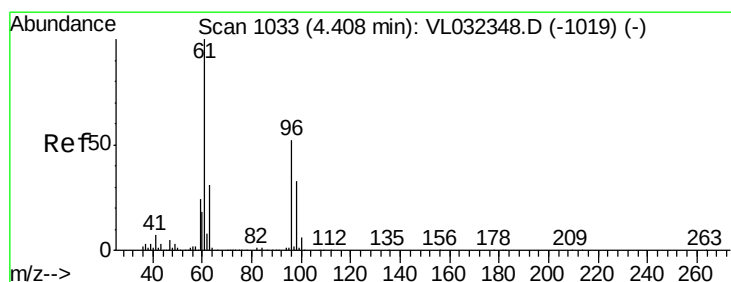
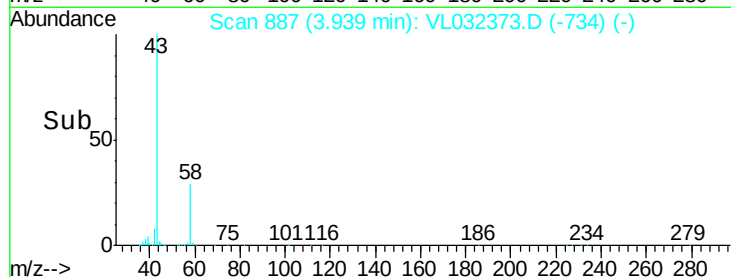
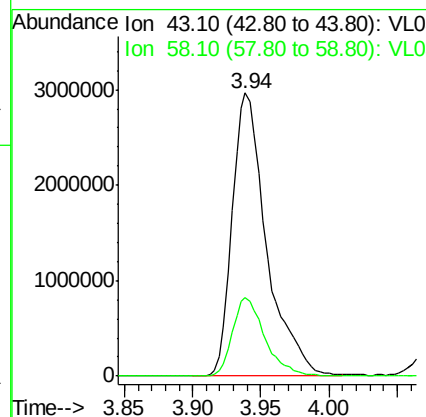
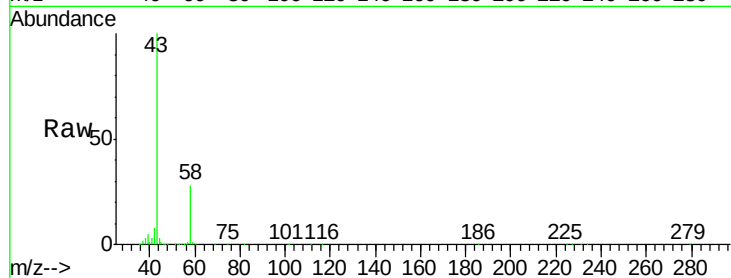
#15
Acetone
Concen: 37.36 ppbv
RT: 3.94 min Scan# 887
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion: 43 Resp: 5178177
Ion Ratio Lower Upper
43 100
58 26.3 22.4 33.6

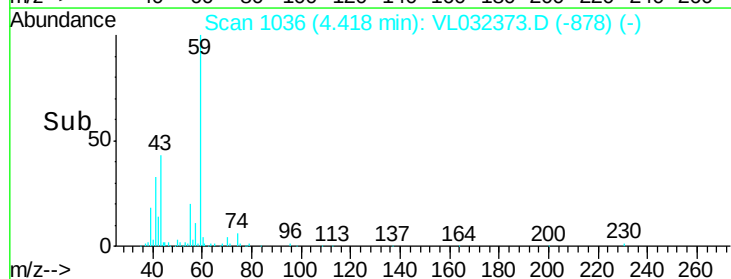
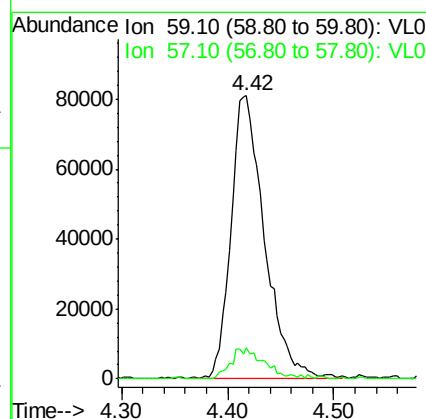
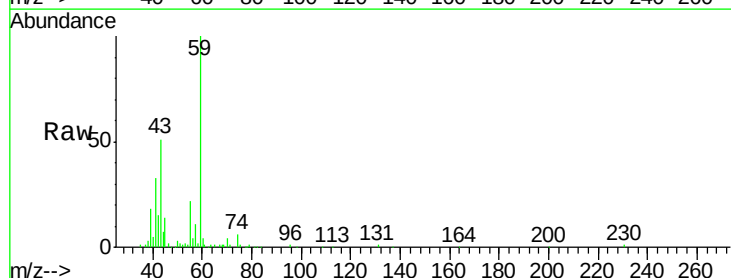
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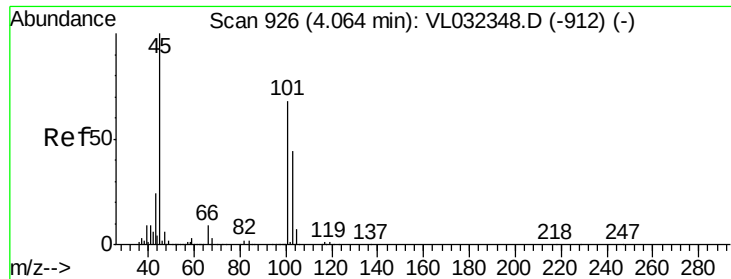
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#17
tert-Butyl alcohol
Concen: 7.67 ppbv m
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion: 59 Resp: 178377
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#19

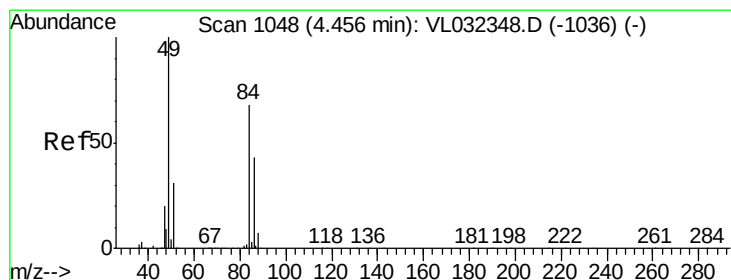
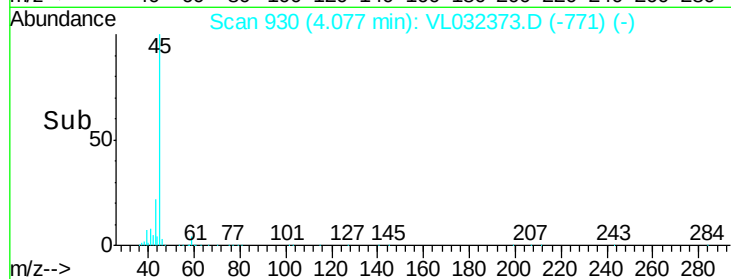
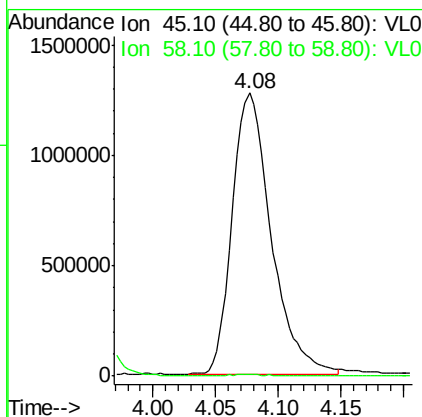
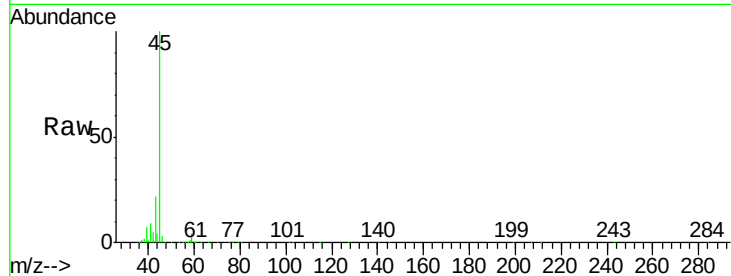
Isopropyl Alcohol
 Concen: 29.42 ppbv
 RT: 4.08 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Tot Ion: 45 Resp: 2746209
 Ion Ratio Lower Upper
 45 100
 58 49.7 1.4 2.0#

Manual Integrations
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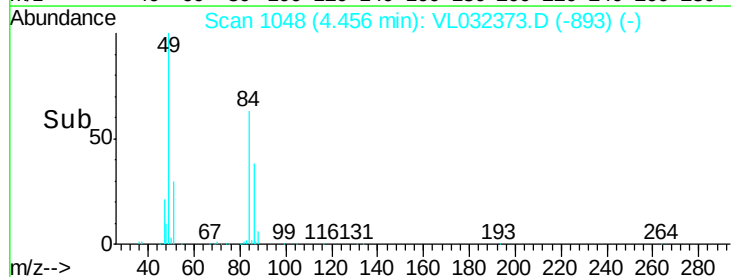
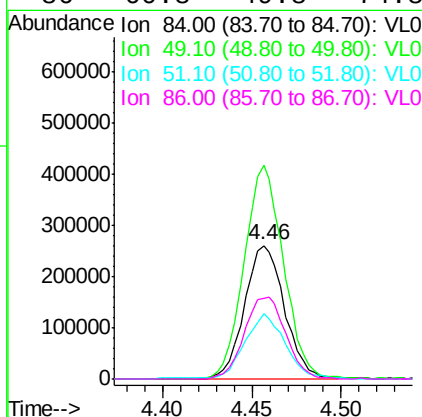
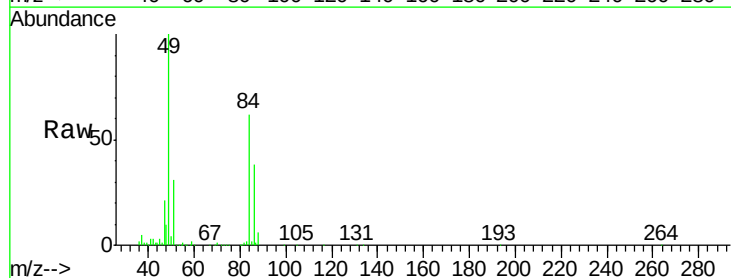
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 8/17/2018 2:06:57 PM

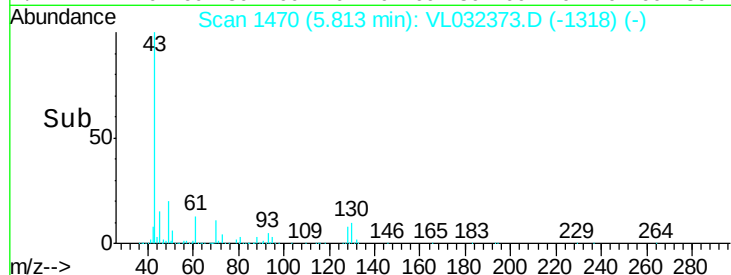
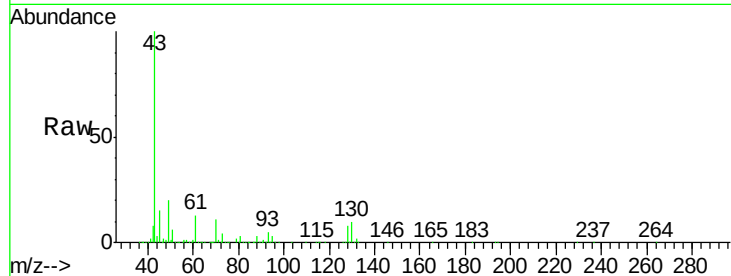
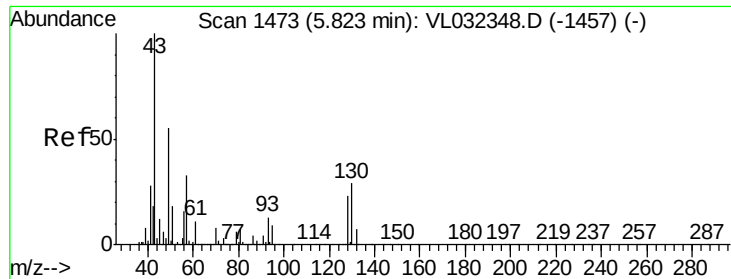


#20

Methylene Chloride
 Concen: 7.81 ppbv
 RT: 4.46 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Tgt Ion: 84 Resp: 409093
 Ion Ratio Lower Upper
 84 100
 49 160.0 117.3 175.9
 51 48.2 36.6 55.0
 86 60.8 49.8 74.8





#25

Ethyl Acetate

Concen: 23.74 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Tot Ion: 43 Resp: 7051494

Ion	Ratio	Lower	Upper
43	100		
45	14.8	7.9	11.9#
61	13.1	7.4	11.2#
70	9.9	5.8	8.6#

Instrument :

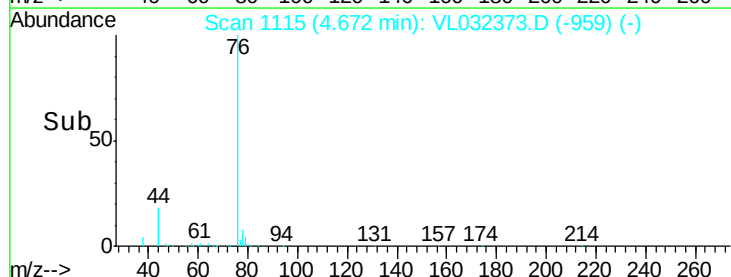
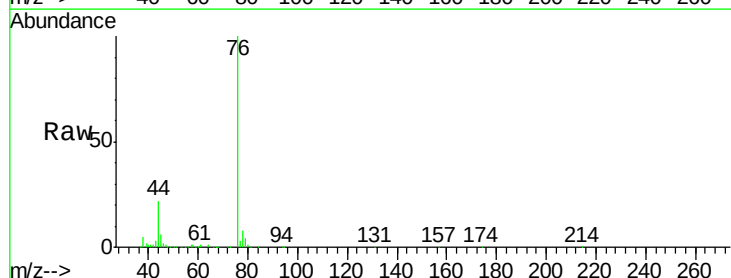
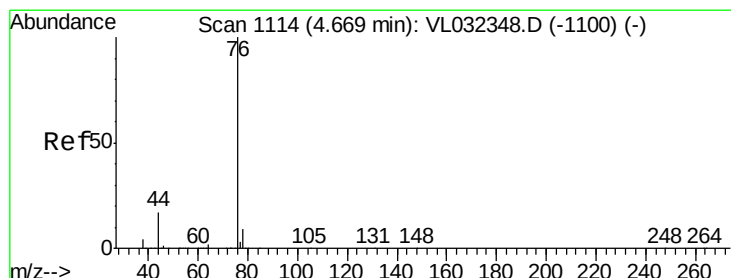
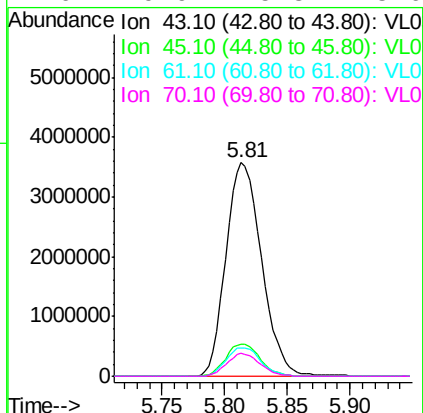
MSVOA_L

ClientSampleId :

SG04-MIVI

Manual Integrations
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#27

Carbon Disulfide

Concen: 1.38 ppbv

RT: 4.67 min Scan# 1115

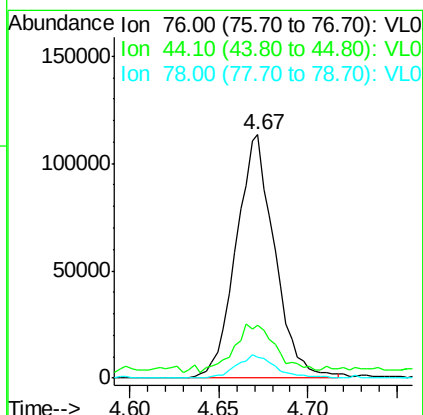
Delta R.T. 0.00 min

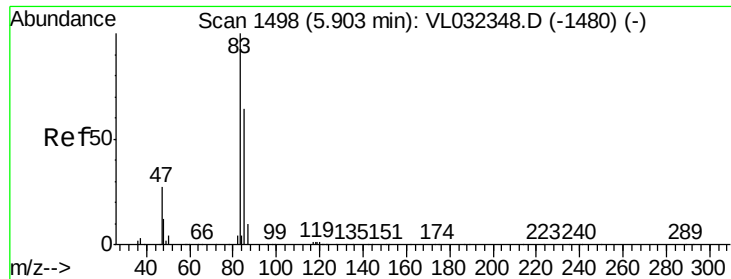
Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Tgt Ion: 76 Resp: 169983

Ion	Ratio	Lower	Upper
76	100		
44	25.0	14.4	21.6#
78	10.0	7.4	11.0





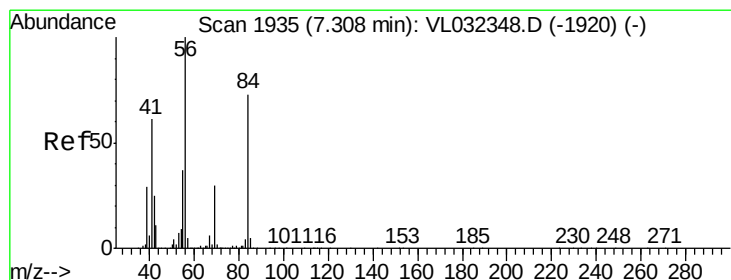
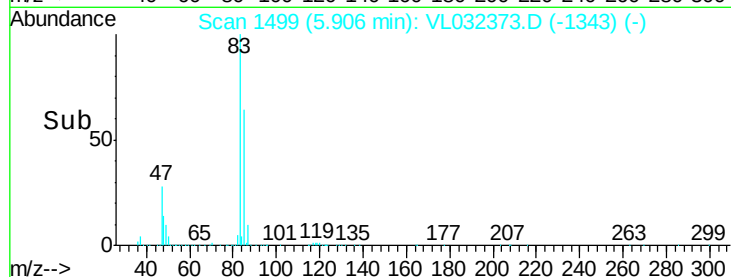
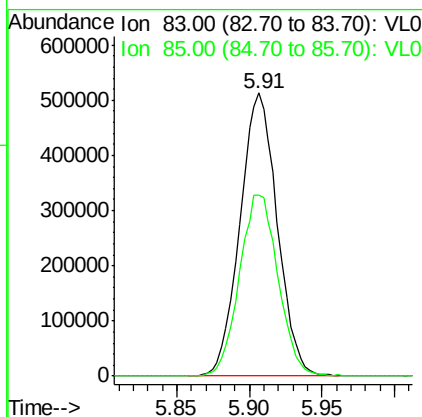
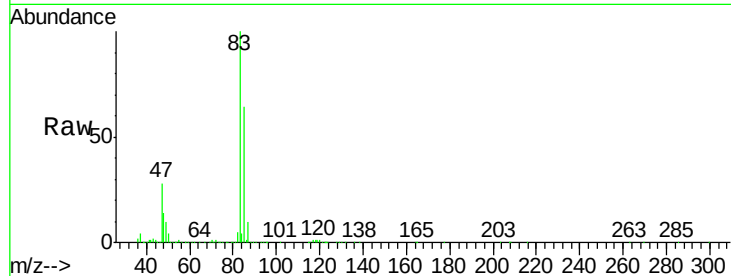
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Chloroform
Concen: 4.73 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion	83	Resp	917466
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.6	77.4

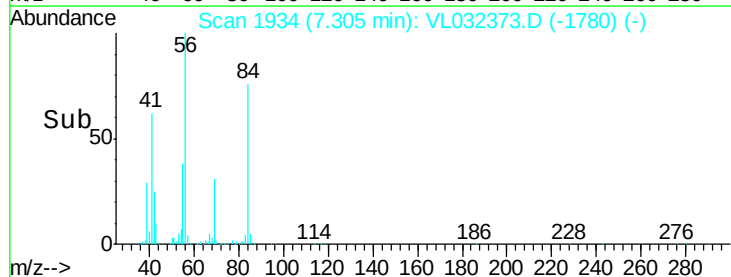
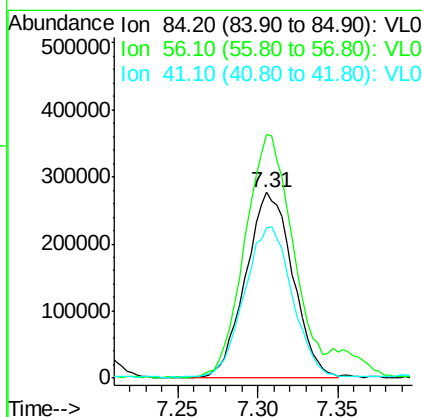
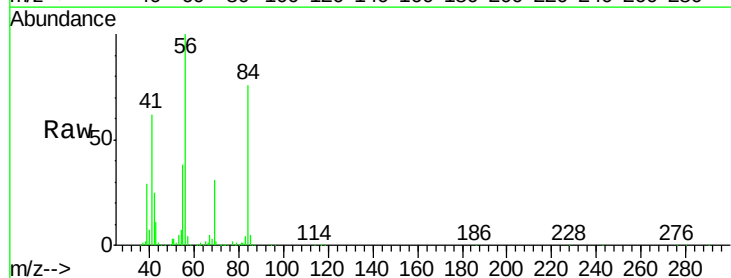
Manual Integrations
APPROVED

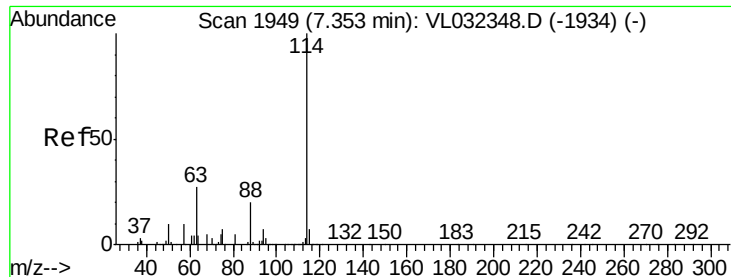
MMDadoda
8/17/2018 2:06:57 PM



#30
Cyclohexane
Concen: 5.57 ppbv
RT: 7.31 min Scan# 1934
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion	84	Resp	561812
Ion Ratio	100	Lower	Upper
84	100		
56	143.7	115.7	173.5
41	81.7	67.9	101.9





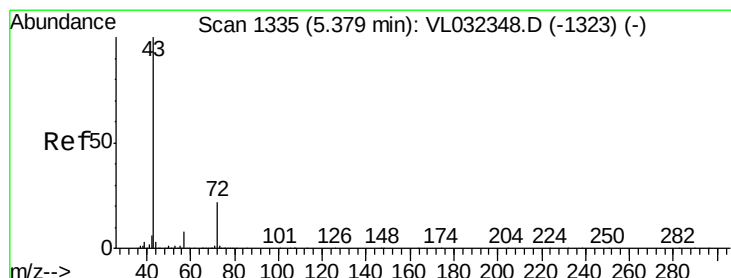
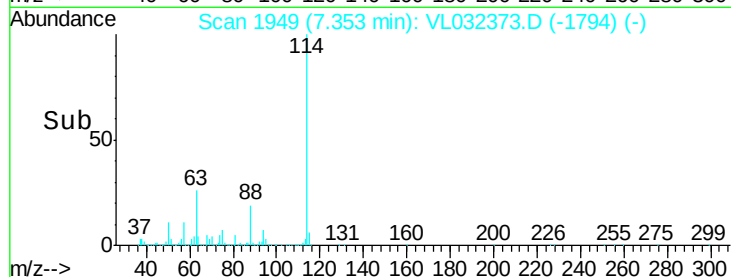
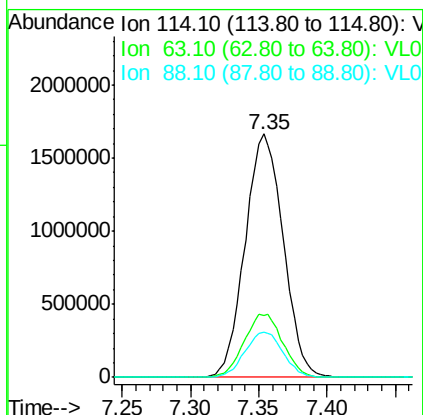
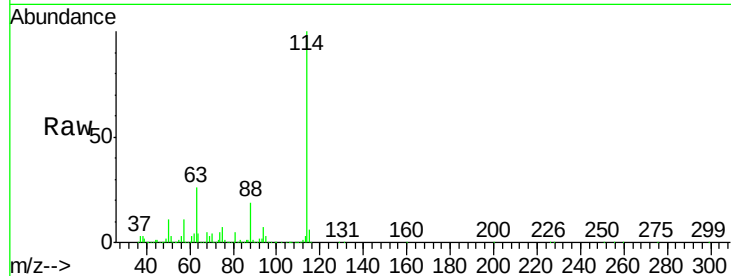
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.0	33.0
88	18.6	15.3	22.9

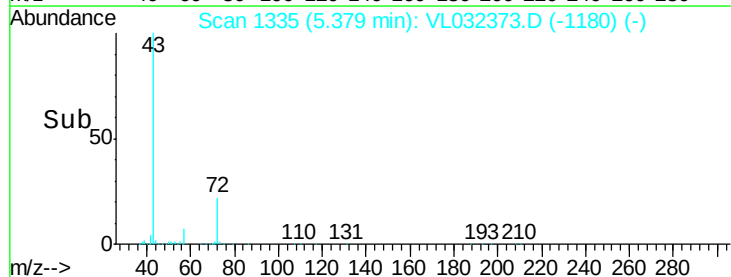
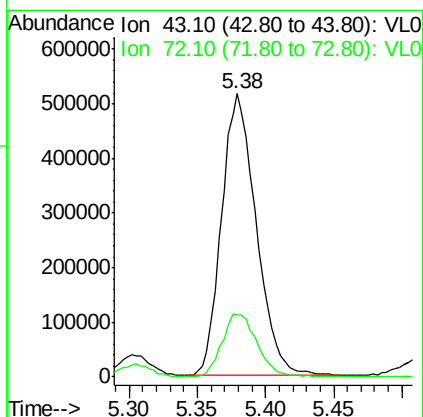
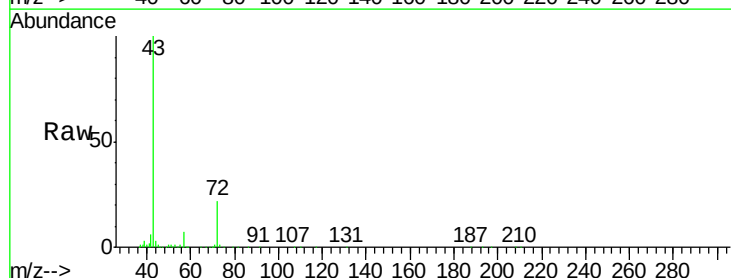
Manual Integrations
 APPROVED

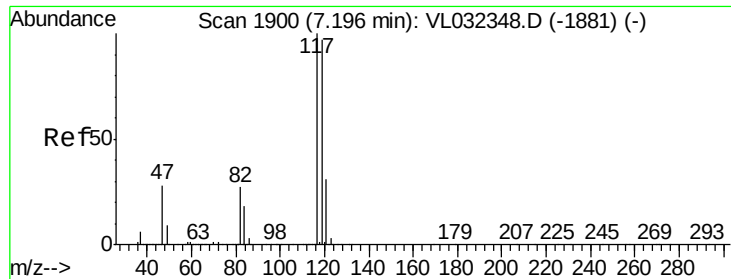
MMDadoda
 8/17/2018 2:06:57 PM



#34
 2-Butanone
 Concen: 4.12 ppbv
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.9	26.9





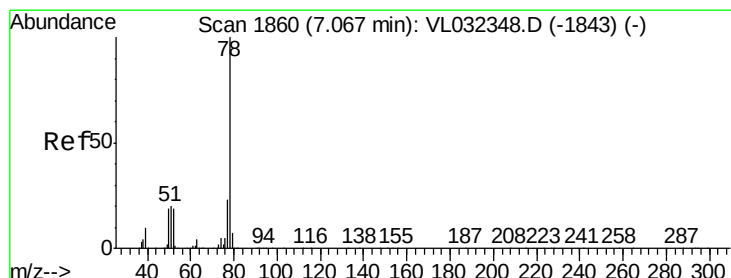
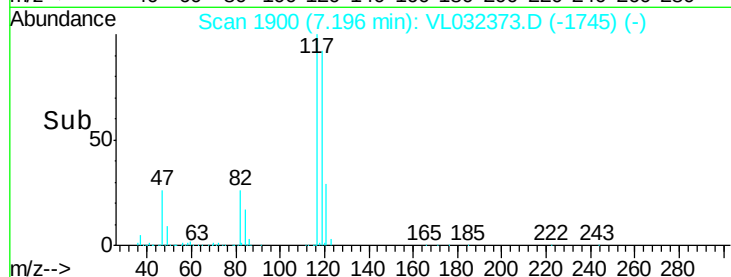
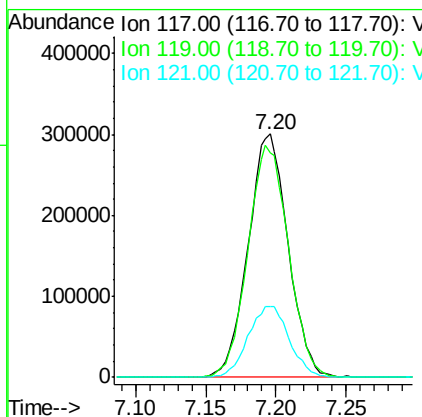
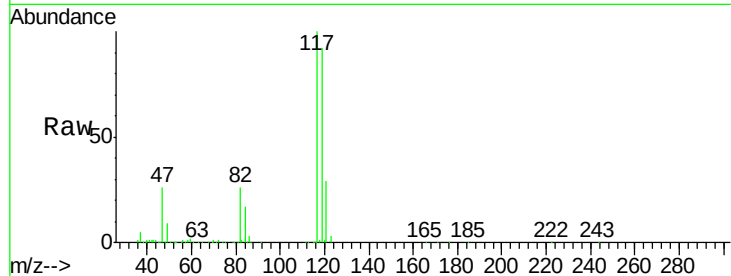
#35
Carbon Tetrachloride
Concen: 3.12 ppbv
RT: 7.20 min Scan# 1900
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.1	77.2	115.8
121	29.3	25.1	37.7

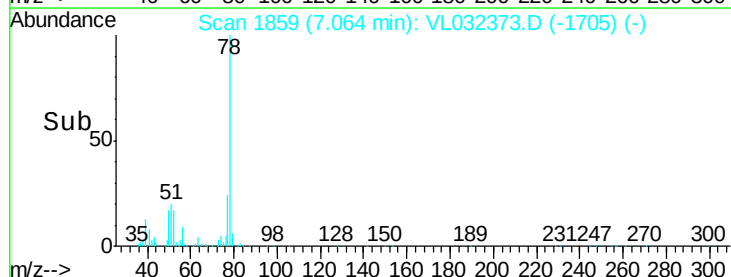
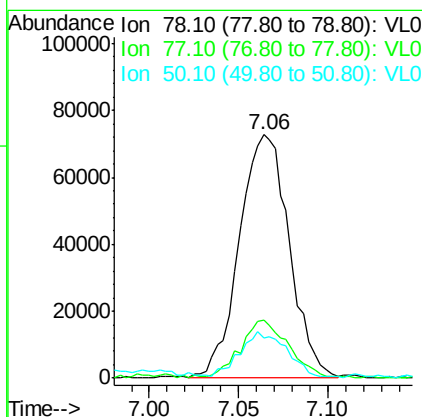
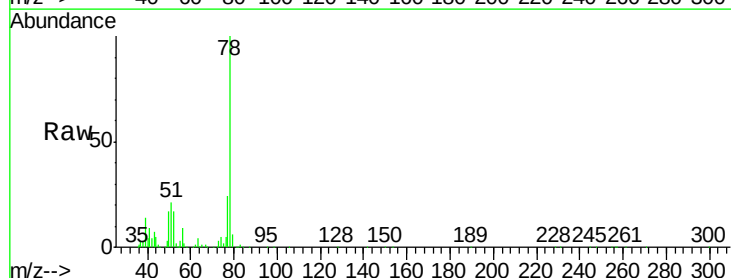
Manual Integrations
APPROVED

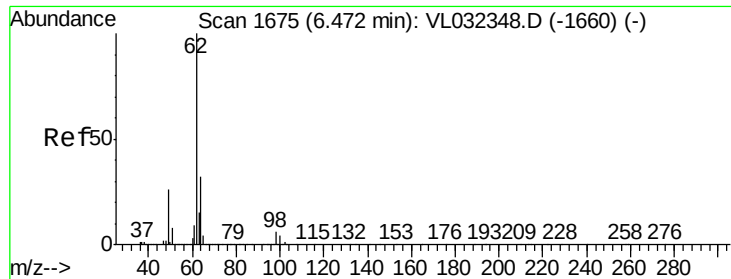
MMDadoda
8/17/2018 2:06:57 PM



#36
Benzene
Concen: 0.51 ppbv
RT: 7.06 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.0	27.0
50	15.7	15.1	22.7





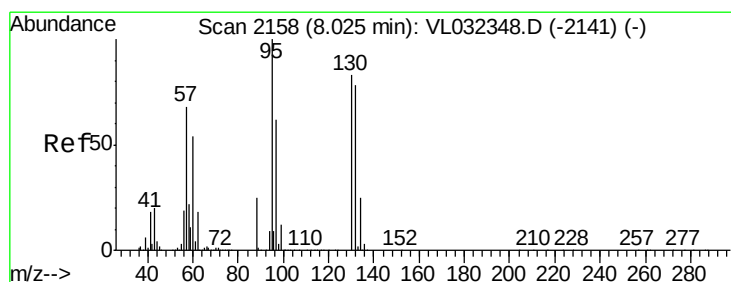
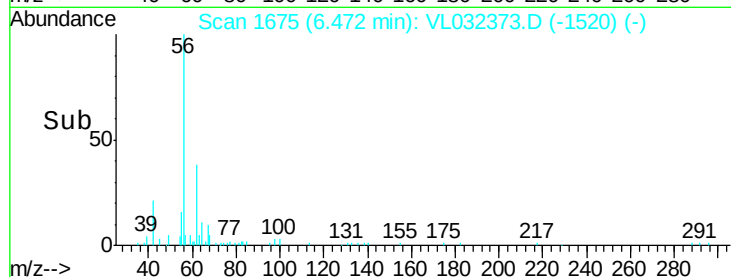
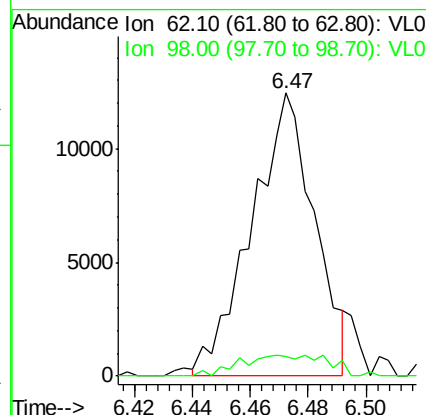
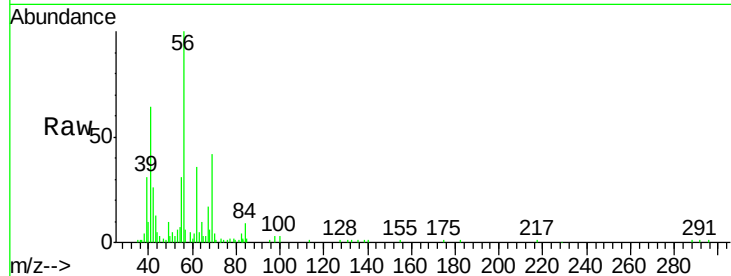
#37
 1,2-Dichloroethane
 Concen: 0.11 ppbv
 RT: 6.47 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Tot Ion	Ratio	Resp	Lower	Upper
62	100	18701		
98	10.4	5.0	7.6#	

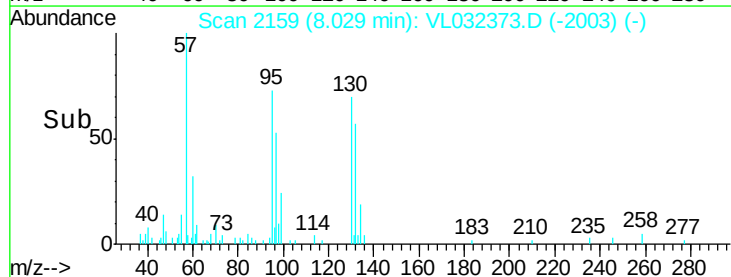
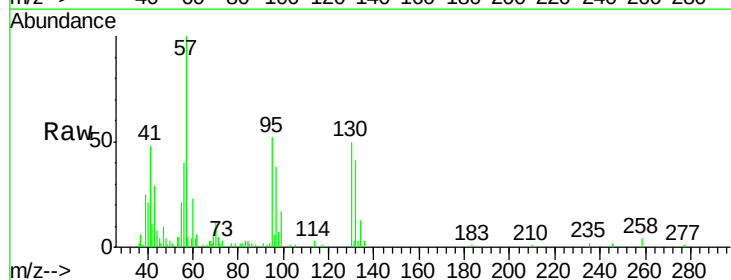
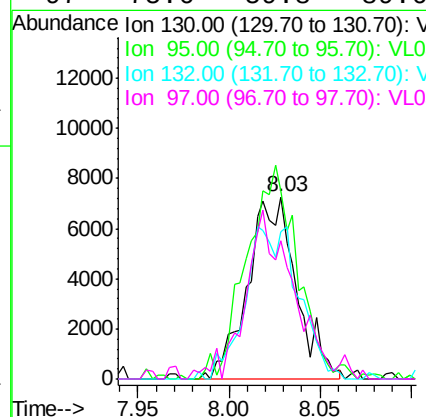
Manual Integrations
 APPROVED

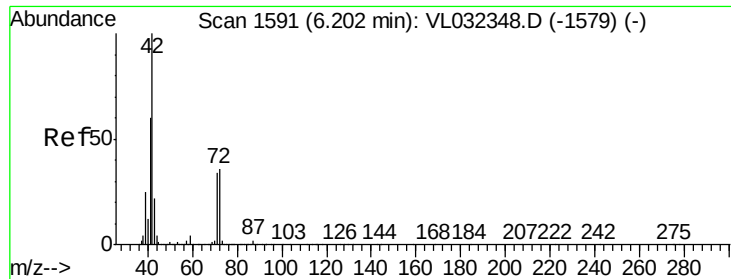
MMDadoda
 8/17/2018 2:06:57 PM



#38
 Trichloroethene
 Concen: 0.14 ppbv m
 RT: 8.03 min Scan# 2159
 Delta R.T. 0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	13374		
95	103.5	96.6	144.8	
132	80.9	75.5	113.3	
97	75.6	59.8	89.6	





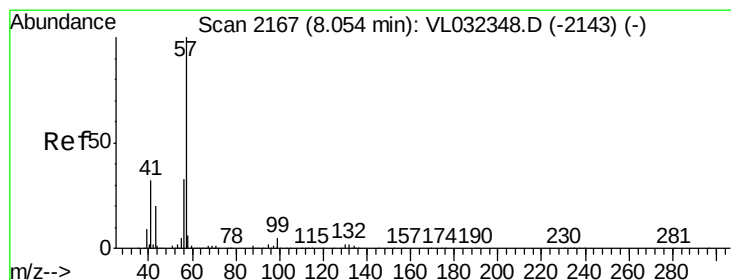
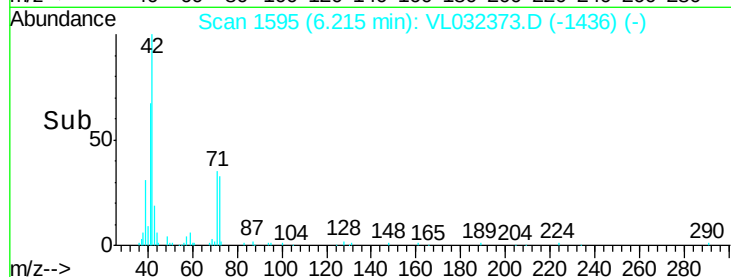
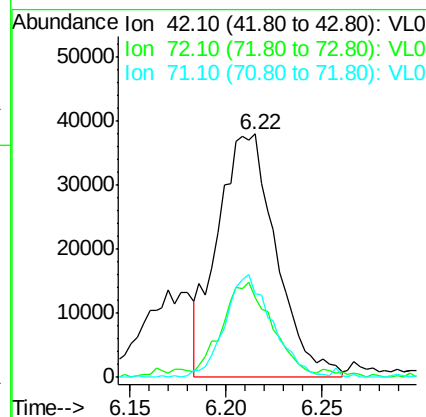
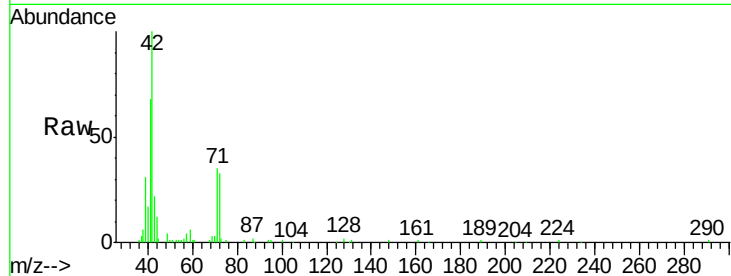
#41
Tetrahydrofuran
Concen: 0.68 ppbv m
RT: 6.22 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.8	44.6#
71	0.0	28.2	42.2#

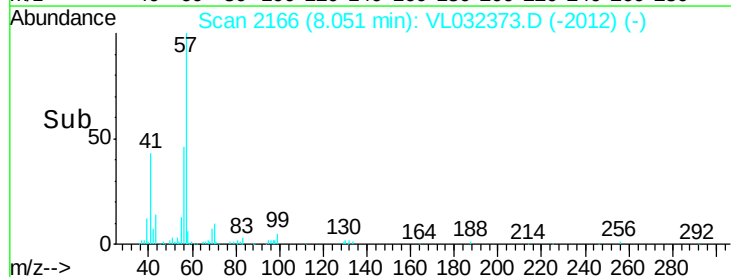
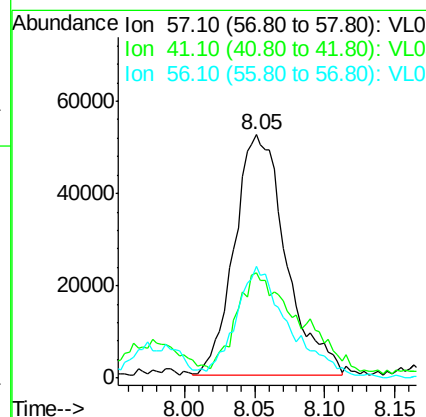
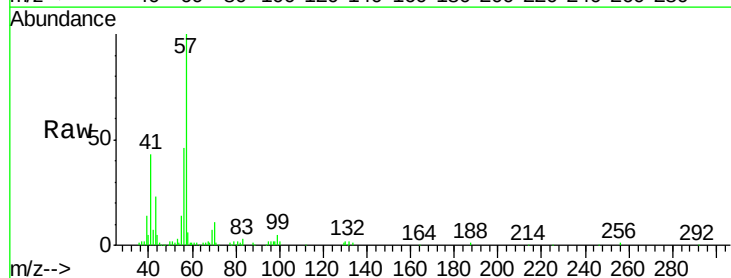
Manual Integrations
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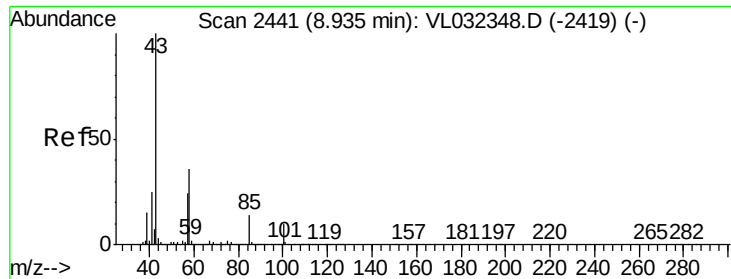
MMDadoda
8/17/2018 2:06:57 PM



#44
2,2,4-Trimethylpentane
Concen: 0.27 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Lower	Upper
57	100		
41	53.5	24.3	36.5#
56	48.1	25.7	38.5#





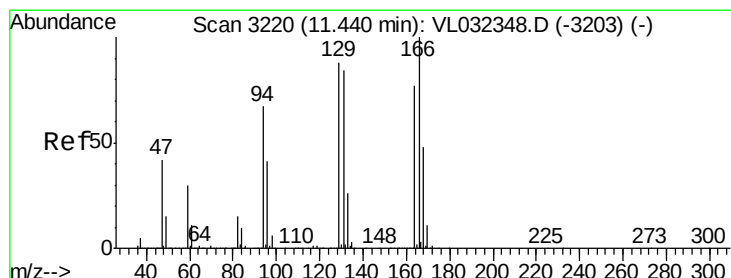
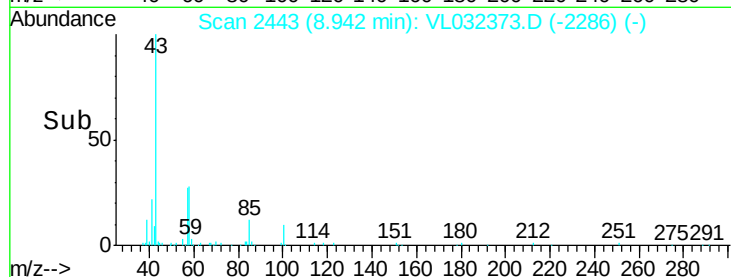
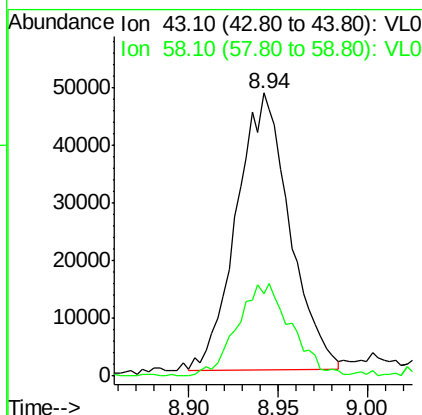
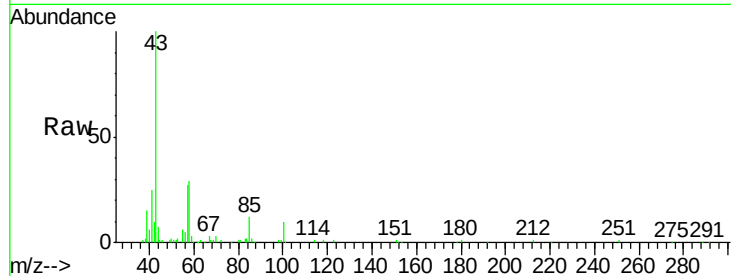
#50
4-Methyl-2-Pentanone
Concen: 0.31 ppbv
RT: 8.94 min Scan# 2443
Delta R.T. 0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.9	43.3

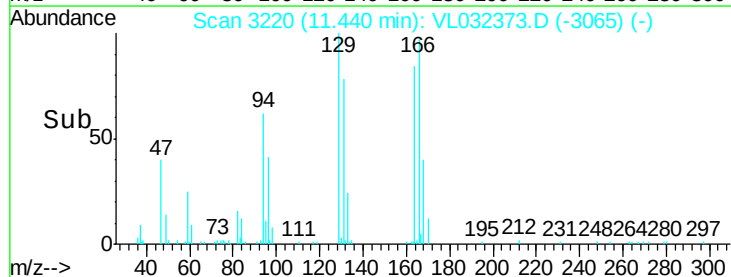
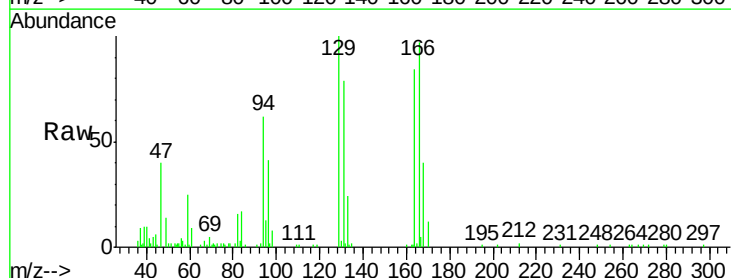
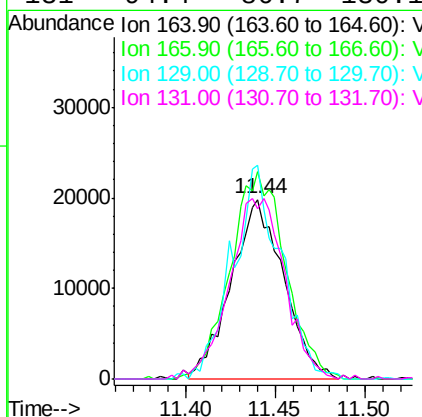
Manual Integrations
APPROVED

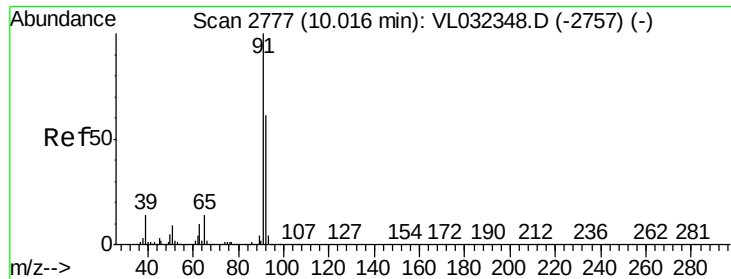
MMDadoda
8/17/2018 2:06:57 PM



#52
Tetrachloroethene
Concen: 0.50 ppbv
RT: 11.44 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.9	103.5	155.3
129	118.8	90.9	136.3
131	94.4	86.7	130.1





#53

Toluene

Concen: 5.72 ppbv

RT: 10.01 min Scan# 2775

Delta R.T. -0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

ClientSampleId :

SG04-MIVI

Tot Ion: 91 Resp: 1718163

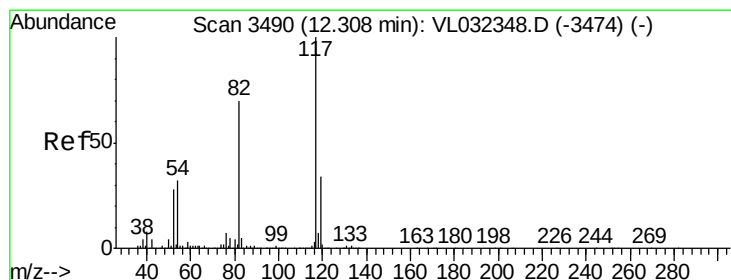
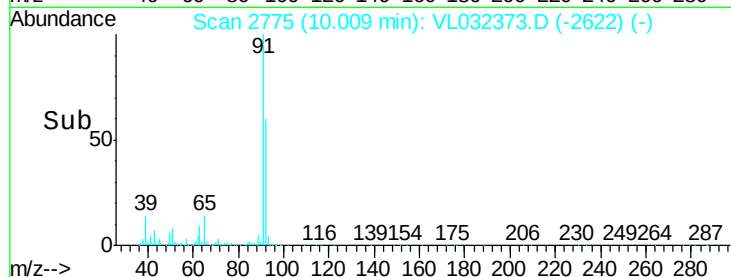
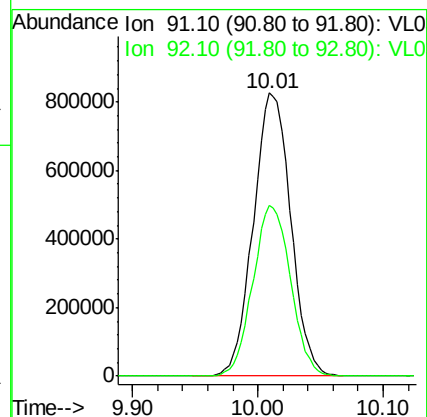
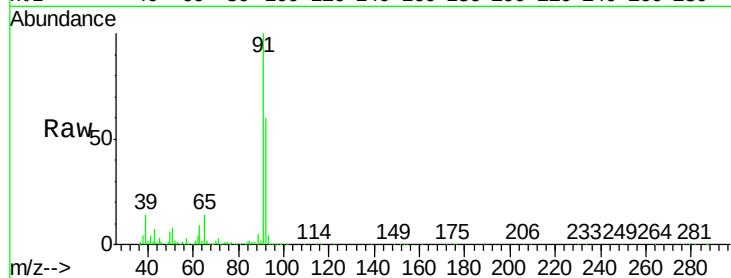
Ion Ratio Lower Upper

91 100

92 60.8 48.7 73.1

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:57 PM



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.30 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

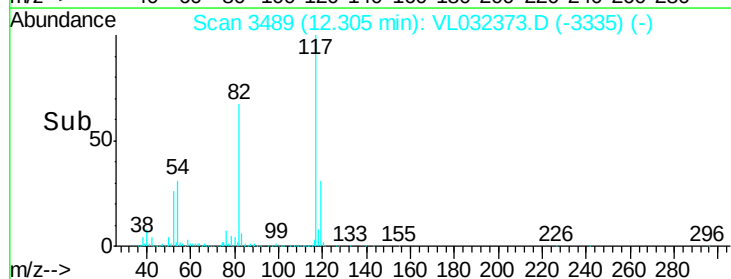
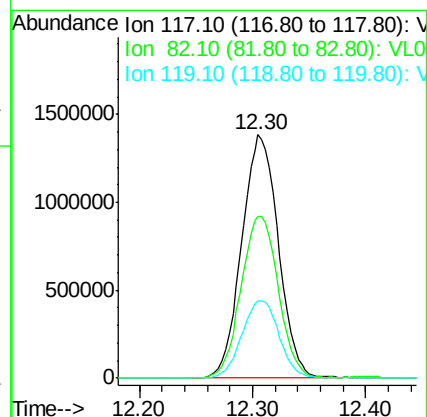
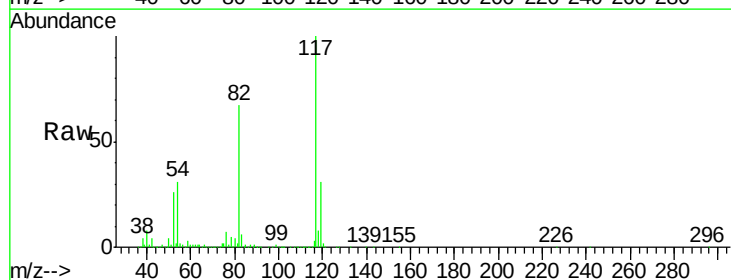
Tgt Ion: 117 Resp: 3117094

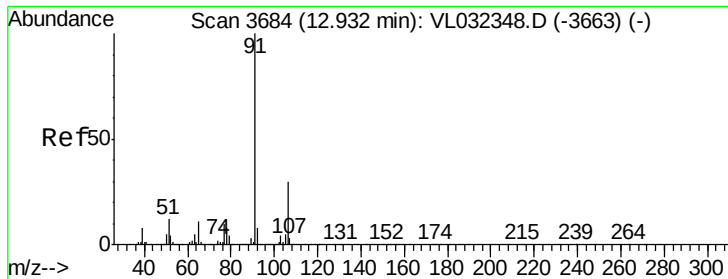
Ion Ratio Lower Upper

117 100

82 67.8 55.1 82.7

119 32.4 46.0 69.0#





#58

Ethyl Benzene

Concen: 1.50 ppbv

RT: 12.93 min Scan# 3682

Delta R.T. -0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

ClientSampleId :

SG04-MIVI

Tot Ion: 91 Resp: 563267

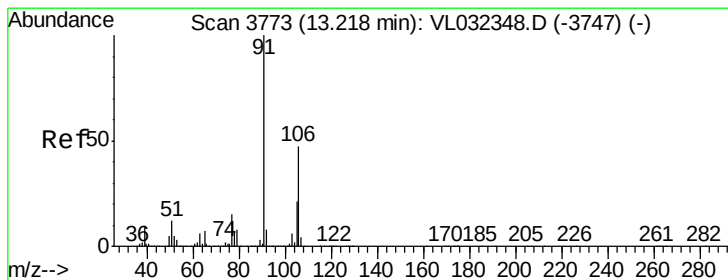
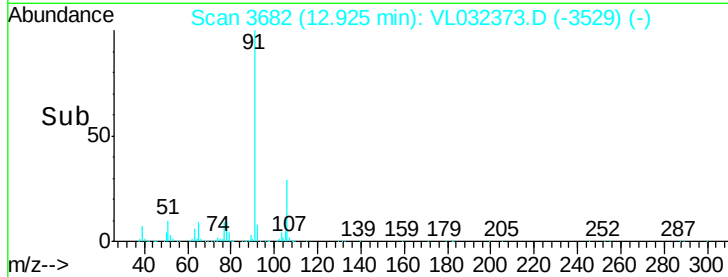
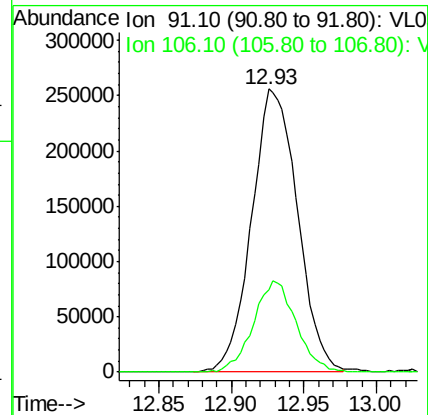
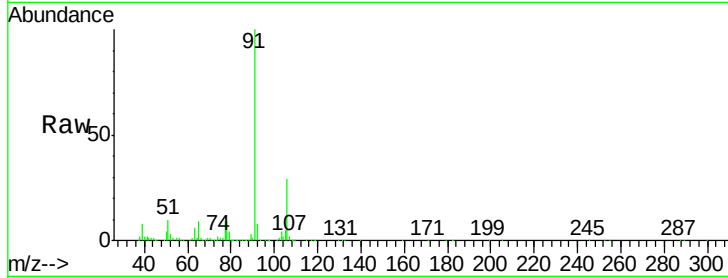
Ion Ratio Lower Upper

91 100

106 29.2 24.3 36.5

Manual Integrations
APPROVED

MMDadoda
8/17/2018 2:06:57 PM



#59

m/p-Xylene

Concen: 4.98 ppbv

RT: 13.19 min Scan# 3763

Delta R.T. -0.03 min

Lab File: VL032373.D

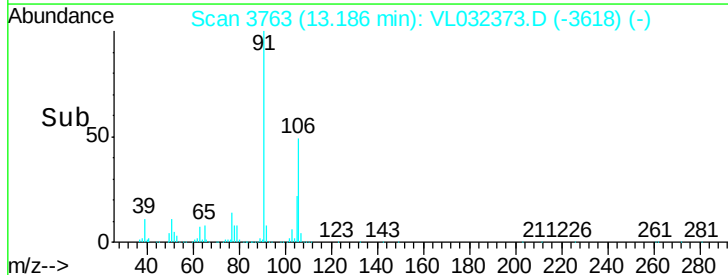
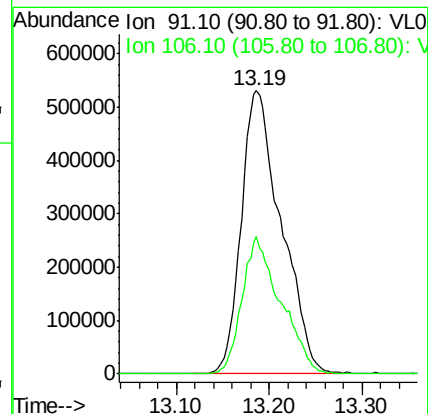
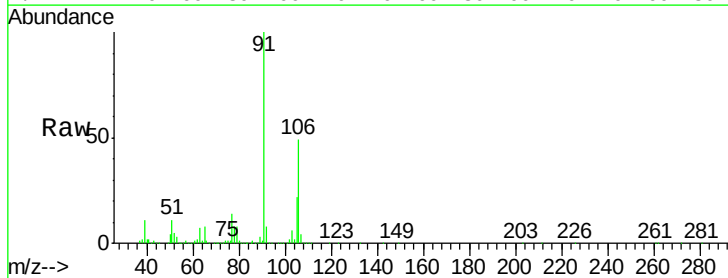
Acq: 16 Aug 2018 5:57

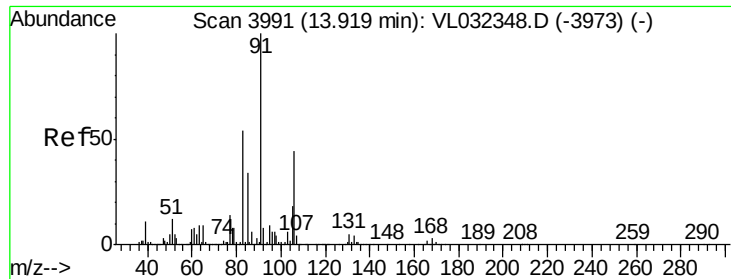
Tgt Ion: 91 Resp: 1585899

Ion Ratio Lower Upper

91 100

106 46.7 37.0 55.4





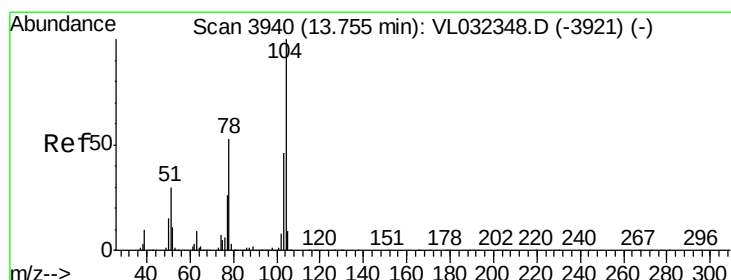
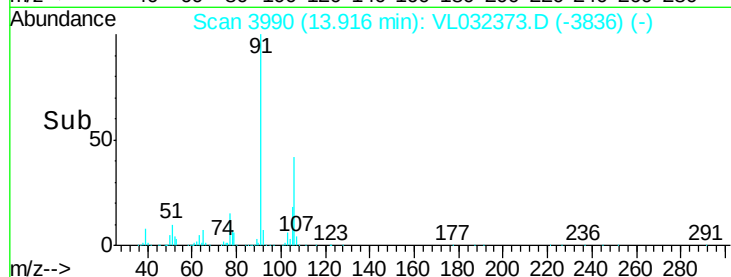
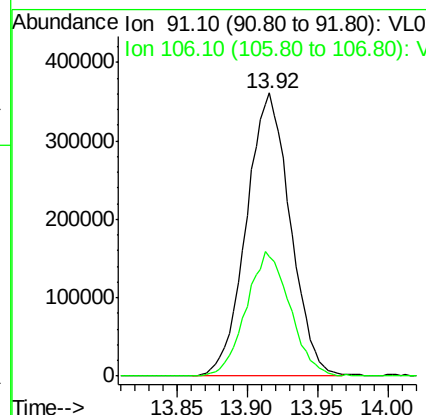
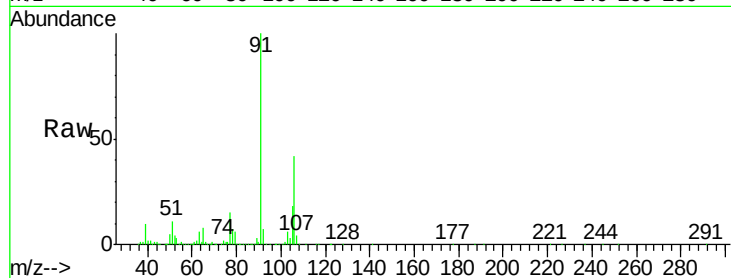
#60
o-Xylene
Concen: 2.50 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		781324		
106	44.2	22.3	66.8		

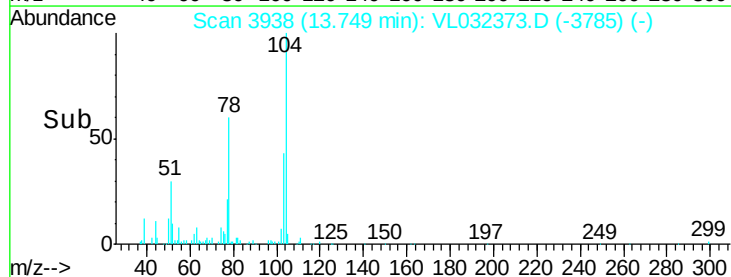
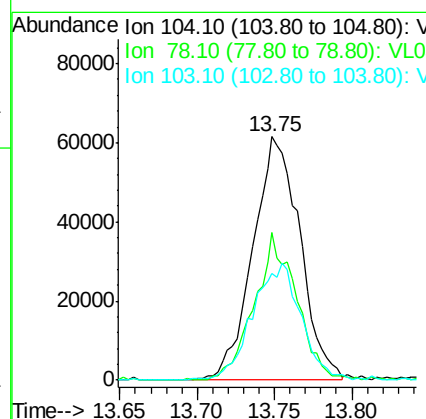
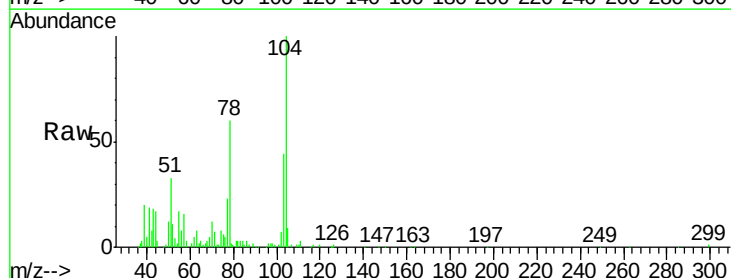
Manual Integrations
APPROVED

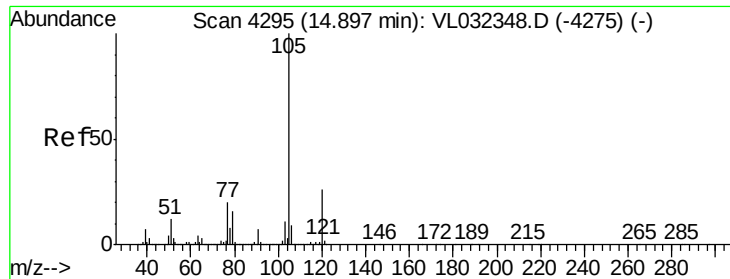
MMDadoda
8/17/2018 2:06:57 PM



#61
Styrene
Concen: 0.60 ppbv
RT: 13.75 min Scan# 3938
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		130482		
78	54.7	42.6	64.0		
103	49.6	38.0	57.0		





#62

Isopropylbenzene

Concen: 0.16 ppbv

RT: 14.89 min Scan# 4294

Delta R.T. -0.00 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

ClientSampleId :

SG04-MIVI

Tot Ion:105 Resp: 72583

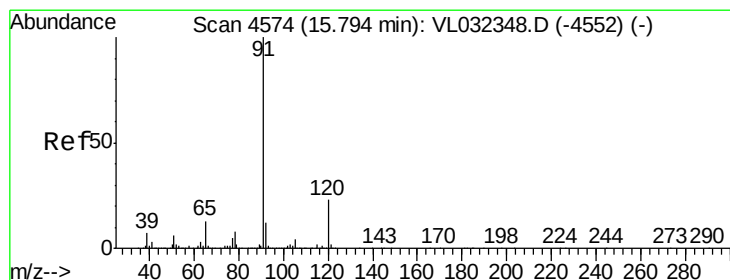
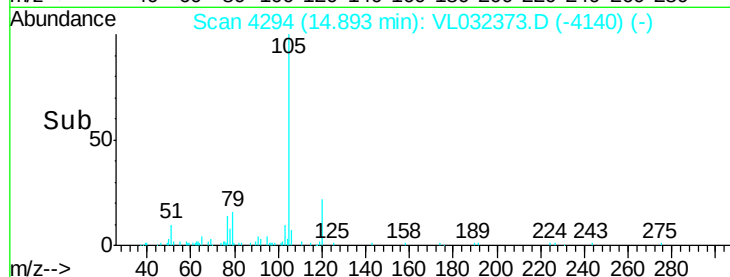
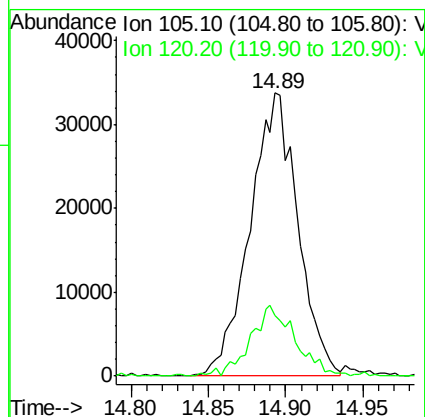
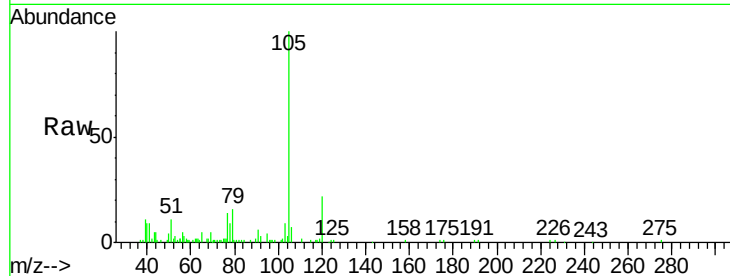
Ion Ratio Lower Upper

105 100

120 23.5 20.6 30.8

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#64

n-propylbenzene

Concen: 0.34 ppbv m

RT: 15.79 min Scan# 4572

Delta R.T. -0.01 min

Lab File: VL032373.D

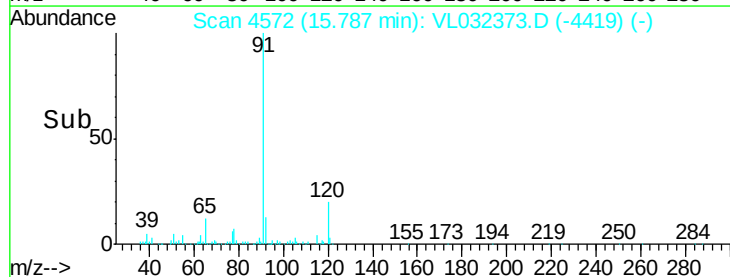
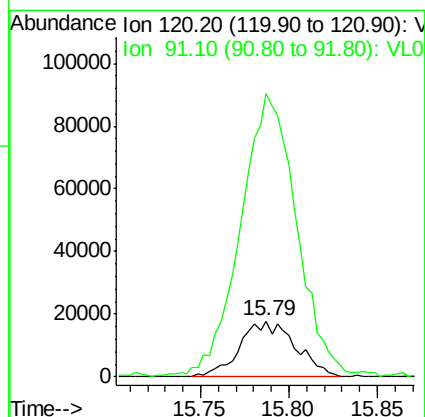
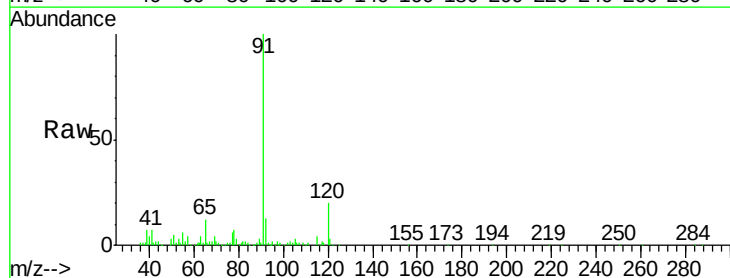
Acq: 16 Aug 2018 5:57

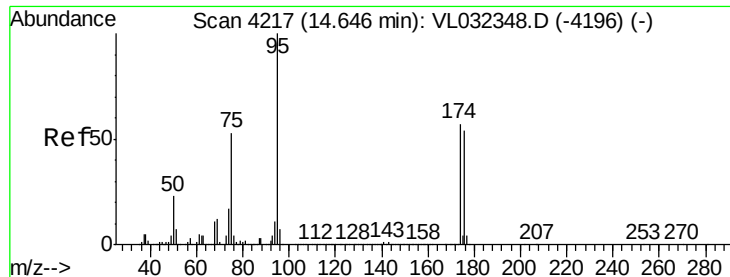
Tgt Ion:120 Resp: 38721

Ion Ratio Lower Upper

120 100

91 514.8 382.2 573.2





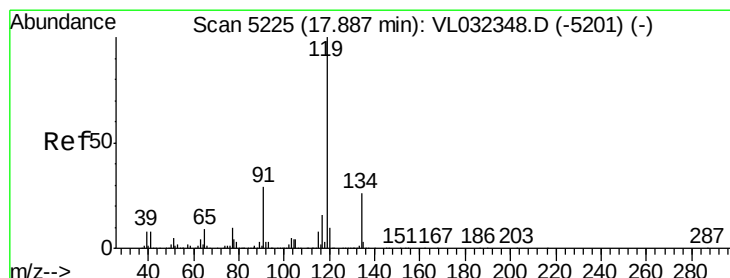
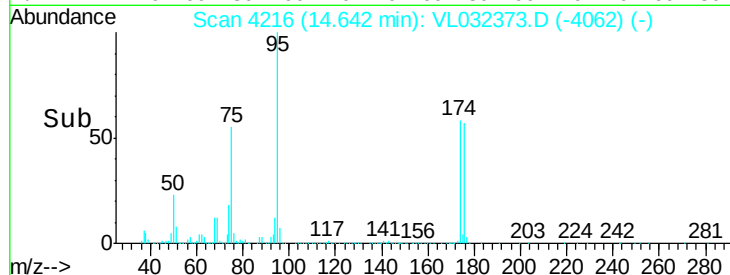
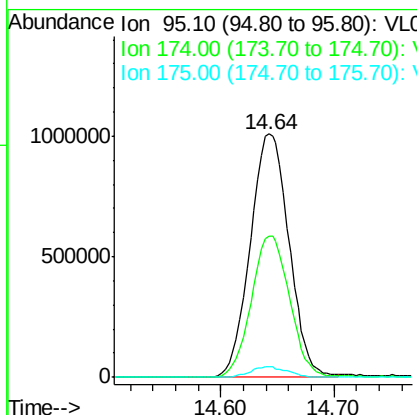
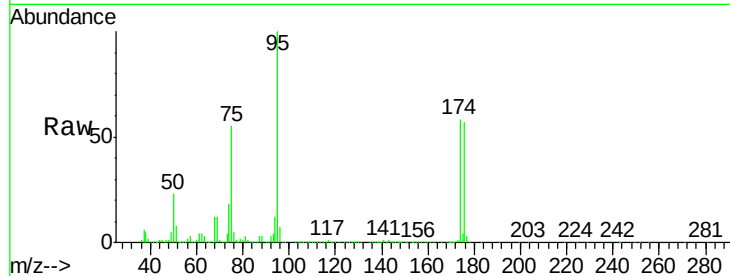
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.08 ppbv
 RT: 14.64 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Tot Ion: 95 Resp: 2397108
 Ion Ratio Lower Upper
 95 100
 174 58.5 46.2 69.4
 175 4.4 3.4 5.0

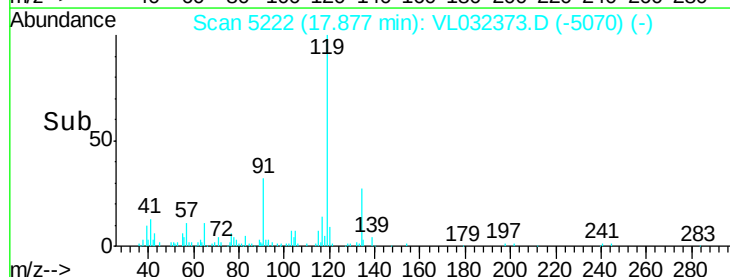
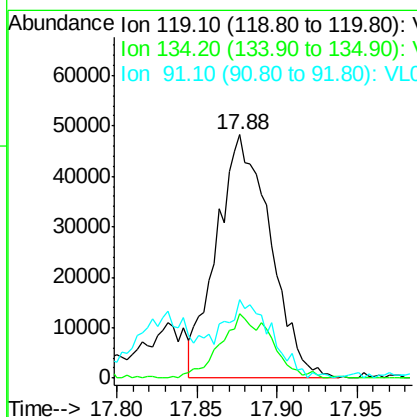
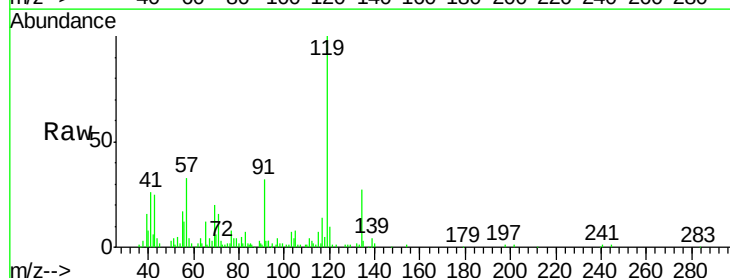
Manual Integrations
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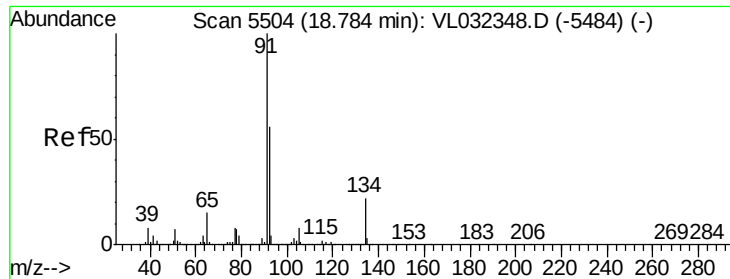
MMDadoda
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#69
 p-Isopropyltoluene
 Concen: 0.26 ppbv
 RT: 17.88 min Scan# 5222
 Delta R.T. -0.01 min
 Lab File: VL032373.D
 Acq: 16 Aug 2018 5:57

Tgt Ion: 119 Resp: 111004
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.4 30.6
 91 28.9 23.6 35.4





#70

n-Butylbenzene

Concen: 0.13 ppbv m

RT: 18.79 min Scan# 5505

Delta R.T. 0.00 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

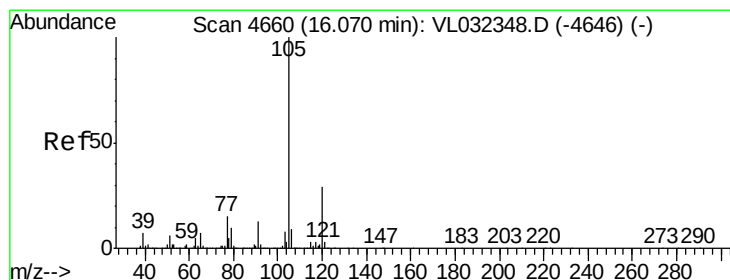
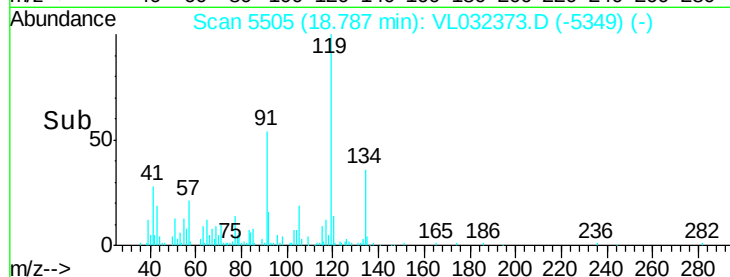
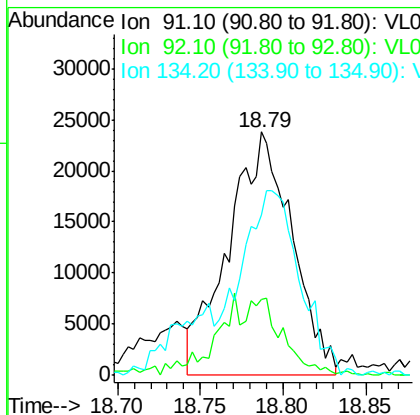
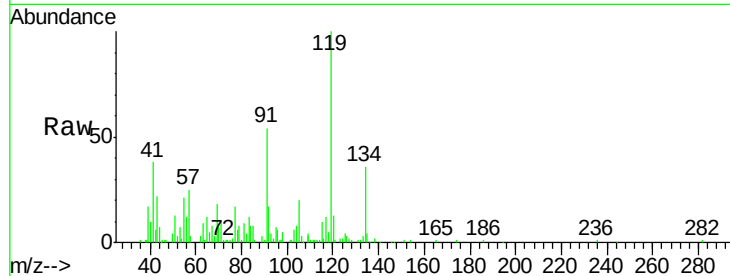
ClientSampleId :

SG04-MIVI

Tot Ion:	91	Resp:	63973
Ion Ratio	Lower	Upper	
91	100		
92	33.3	43.9	65.9#
134	0.0	17.3	25.9#

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#72

4-Ethyltoluene

Concen: 0.60 ppbv

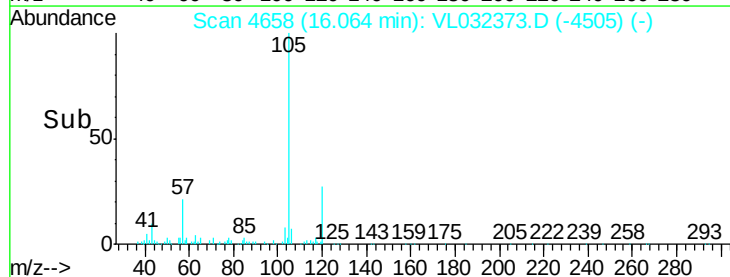
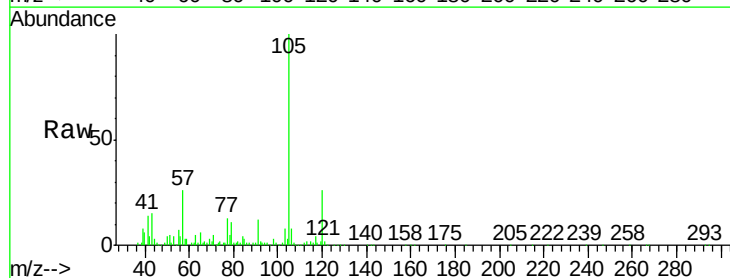
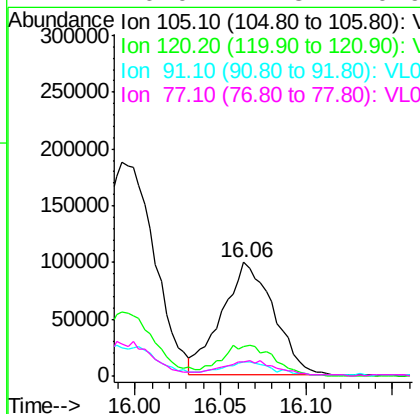
RT: 16.06 min Scan# 4658

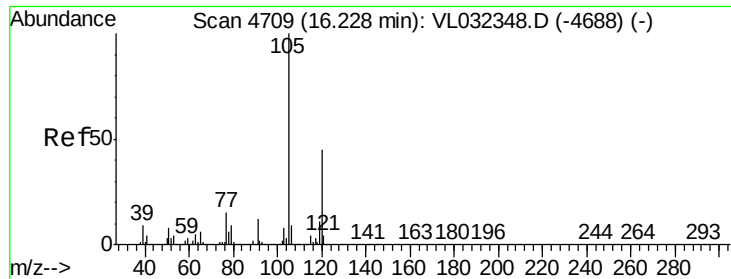
Delta R.T. -0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Tgt Ion:	105	Resp:	208801
Ion Ratio	Lower	Upper	
105	100		
120	28.2	23.4	35.0
91	13.2	10.0	15.0
77	16.0	11.3	16.9





#73

1,3,5-Trimethylbenzene

Concen: 0.77 ppbv

RT: 16.22 min Scan# 4708

Delta R.T. -0.00 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Instrument :

MSVOA_L

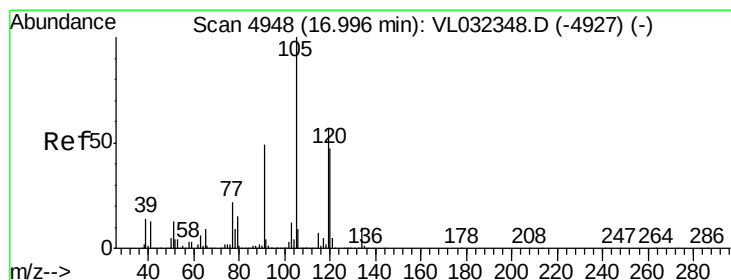
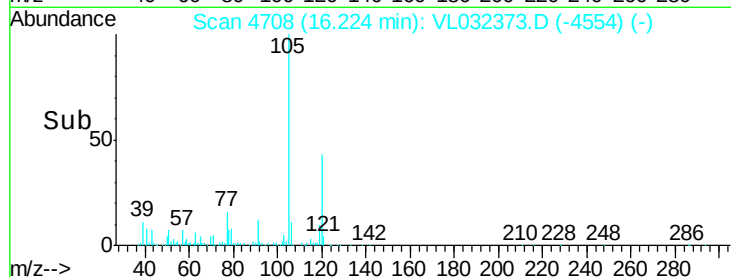
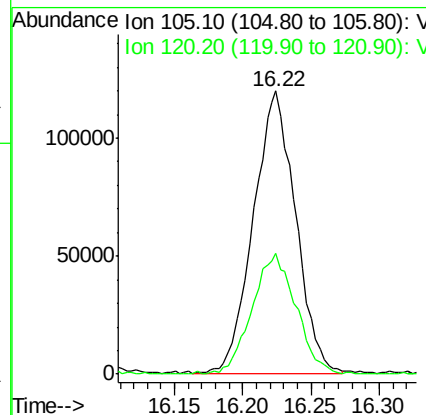
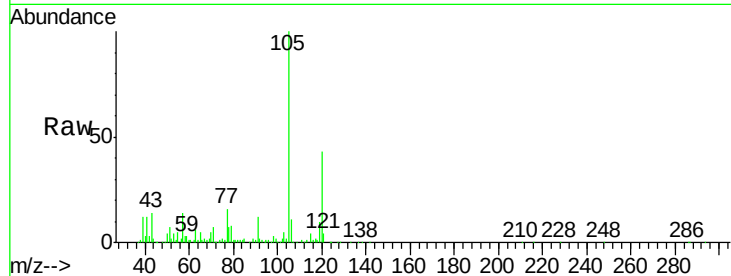
ClientSampled :

SG04-MIVI

Tot Ion	Ratio	Resp	Lower	Upper
105	100	257611		
120	42.7	36.3	54.5	

Manual Integrations
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#74

1,2,4-Trimethylbenzene

Concen: 1.93 ppbv m

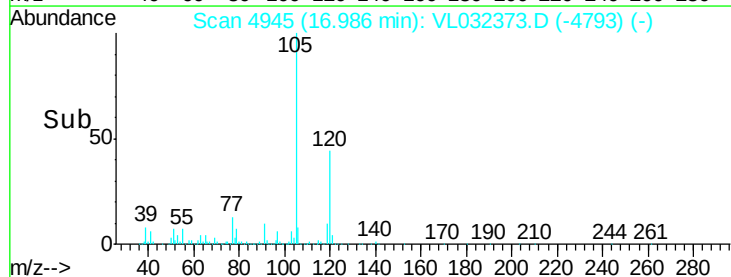
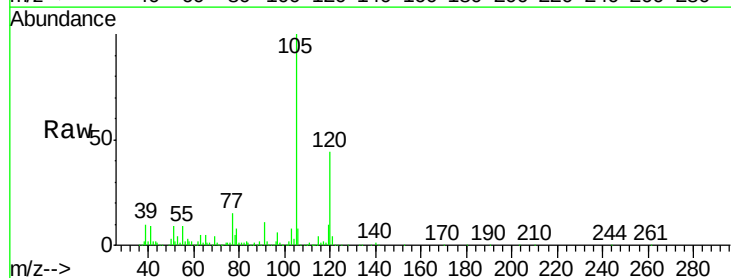
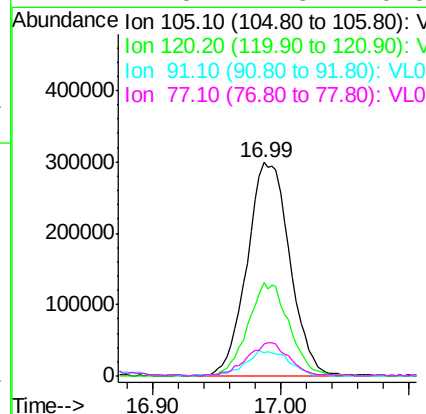
RT: 16.99 min Scan# 4945

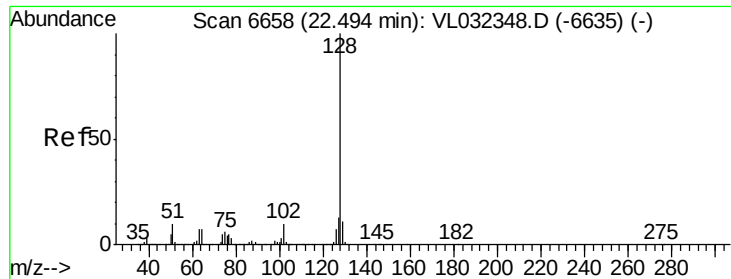
Delta R.T. -0.01 min

Lab File: VL032373.D

Acq: 16 Aug 2018 5:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691080		
120	43.7	37.6	56.4	
91	10.6	39.9	59.9#	
77	14.8	17.8	26.8#	





#79
Naphthalene
Concen: 0.57 ppbv
RT: 22.49 min Scan# 6656
Delta R.T. -0.01 min
Lab File: VL032373.D
Acq: 16 Aug 2018 5:57

Instrument :
MSVOA_L
ClientSampleId :
SG04-MIVI

Tot Ion:	128	Resp:	84421
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
APPROVED

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