

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032850.D
 Acq On : 30 Nov 2018 15:49
 Operator : SY/AP
 Sample : J6132-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SITE-D-DUP

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 4:15:11 PM

Quant Time: Dec 01 02:43:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1453525	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3896012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3900017	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	3342048	11.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	34682	0.301	ppbv	95
4) Chloromethane	3.18	50	31180m	0.488	ppbv	
9) Propene	3.05	41	8473497m	183.744	ppbv	
10) Heptane	8.27	43	1710794	9.717	ppbv	99
11) Trichlorofluoromethane	4.02	101	50785	0.258	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.56	101	19263m	0.120	ppbv	
13) Ethanol	3.65	45	591186	39.139	ppbv	99
15) Acetone	3.90	43	3263720	24.587	ppbv #	56
20) Methylene Chloride	4.42	84	242649	3.531	ppbv	97
26) Hexane	5.80	57	3210196	23.310	ppbv #	44
27) Carbon Disulfide	4.63	76	15311285	87.678	ppbv #	87
28) Methyl tert-Butyl Ether	5.13	73	180388	0.821	ppbv #	54
29) Chloroform	5.86	83	51032	0.208	ppbv	99
30) Cyclohexane	7.27	84	14014830	116.351	ppbv	93
34) 2-Butanone	5.34	43	4752998	23.521	ppbv	99
35) Carbon Tetrachloride	7.15	117	29201	0.093	ppbv #	73
36) Benzene	7.02	78	21920633	70.656	ppbv #	67
44) 2,2,4-Trimethylpentane	8.01	57	1376342	2.655	ppbv #	1
52) Tetrachloroethene	11.39	164	30019m	0.278	ppbv	
53) Toluene	9.97	91	15864490	49.016	ppbv	92
58) Ethyl Benzene	12.88	91	4085700	8.705	ppbv	96
59) m/p-Xylene	13.14	91	10938051	26.178	ppbv	94
60) o-Xylene	13.86	91	5526679	13.155	ppbv	97
61) Styrene	13.70	104	259674	0.949	ppbv	98
62) Isopropylbenzene	14.84	105	705497	1.242	ppbv	99
64) n-propylbenzene	15.73	120	149181m	0.999	ppbv	
67) sec-Butylbenzene	17.47	105	257781	0.351	ppbv	97
69) p-Isopropyltoluene	17.83	119	367941m	0.631	ppbv	
70) n-Butylbenzene	18.73	91	318617	0.538	ppbv #	38
72) 4-Ethyltoluene	16.01	105	1000263	2.172	ppbv	99
73) 1,3,5-Trimethylbenzene	16.17	105	1863354	4.139	ppbv	99
74) 1,2,4-Trimethylbenzene	16.94	105	3444689	7.150	ppbv #	71
79) Naphthalene	22.42	128	351432	1.110	ppbv	98
80) Naphthalene,2-methyl-	25.12	142	38093	0.481	ppbv #	81

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

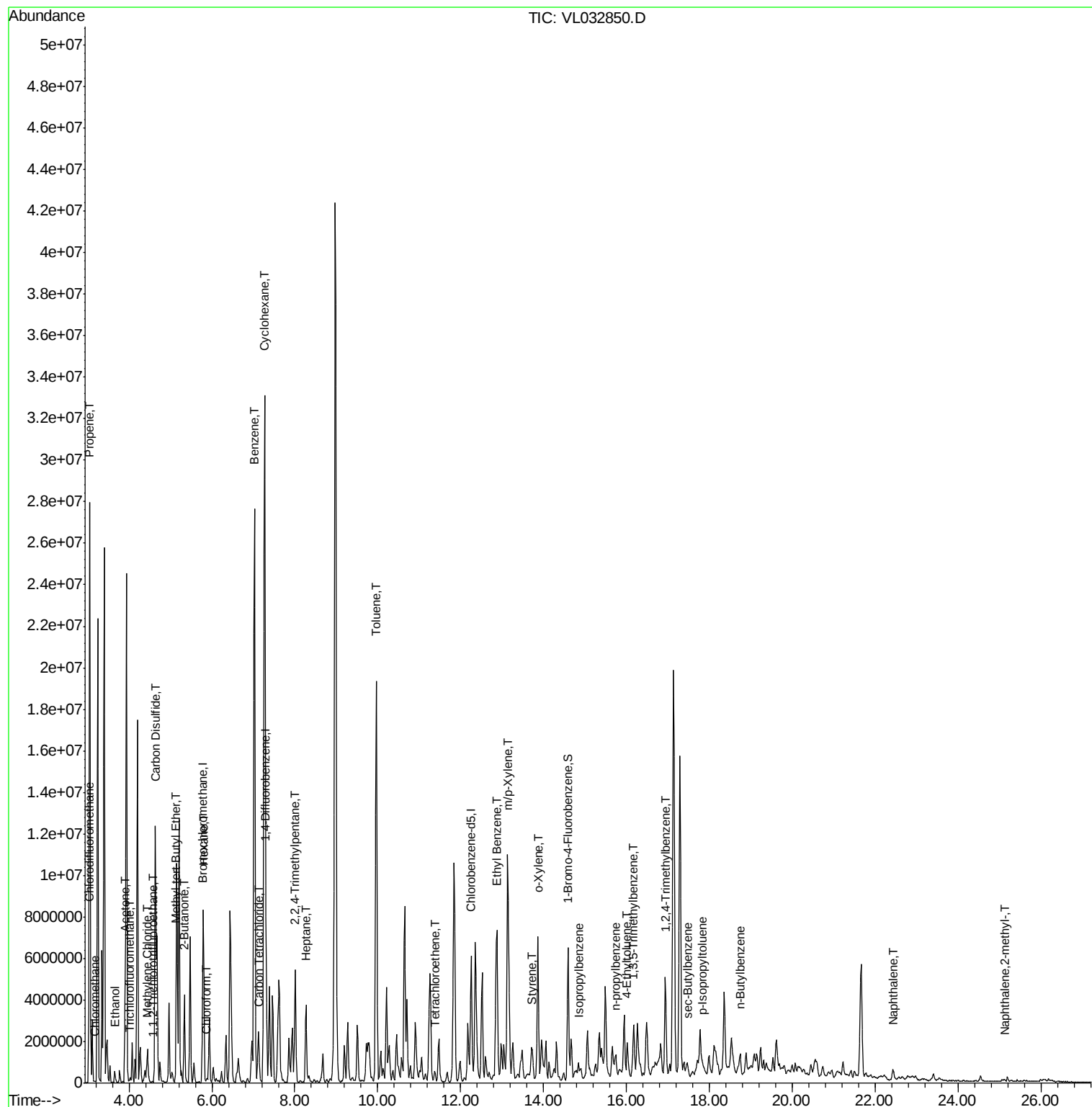
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
Data File : VL032850.D
Acq On : 30 Nov 2018 15:49
Operator : SY/AP
Sample : J6132-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

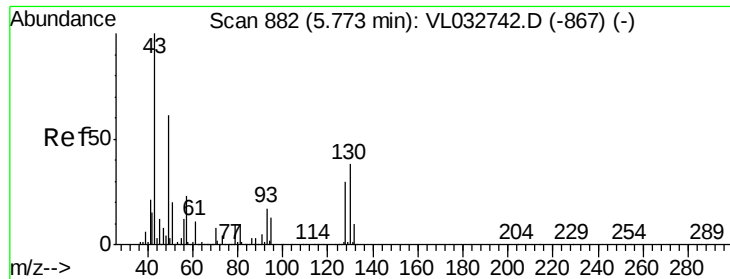
Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Manual Integrations
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12/3/2018 4:15:11 PM

Quant Time: Dec 01 02:43:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 49 Resp: 1453525

Ion Ratio Lower Upper

49 100

128 52.6 24.9 74.6

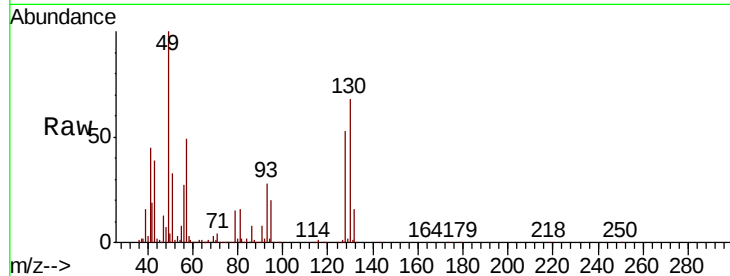
130 67.1 31.4 94.2

Manual Integrations

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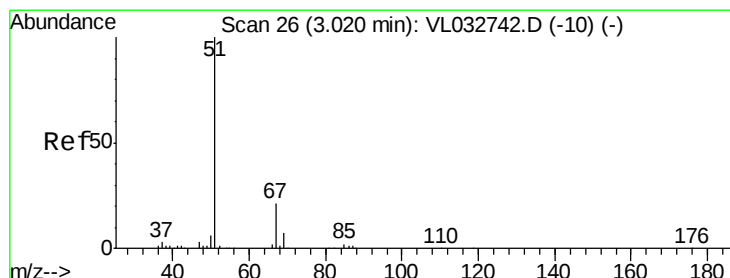
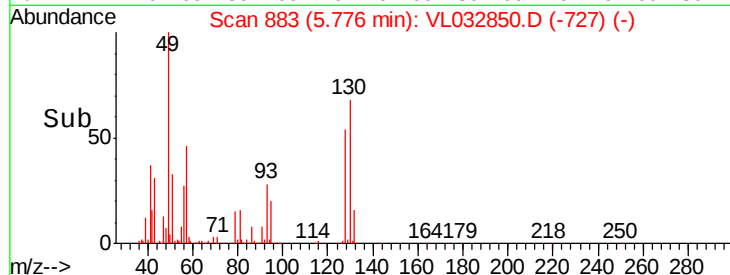
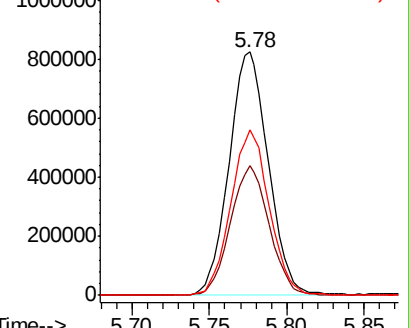
12/3/2018 4:15:11 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.301 ppbv

RT: 3.02 min Scan# 26

Delta R.T. -0.00 min

Lab File: VL032850.D

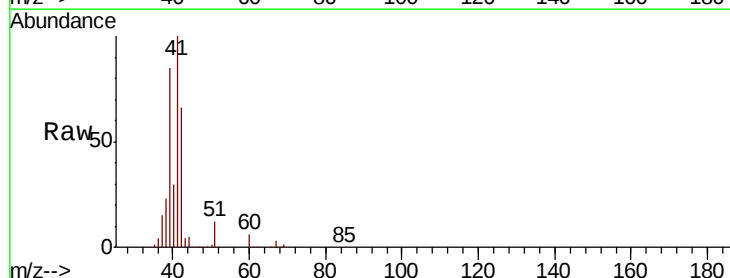
Acq: 30 Nov 2018 15:49

Tgt Ion: 51 Resp: 34682

Ion Ratio Lower Upper

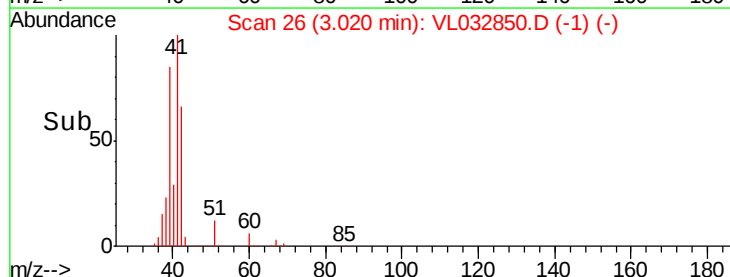
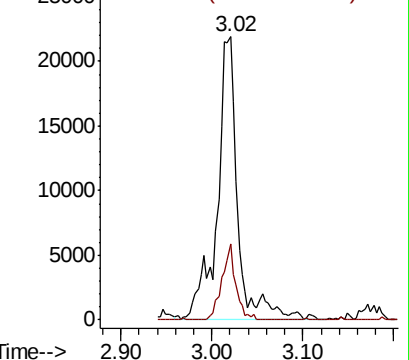
51 100

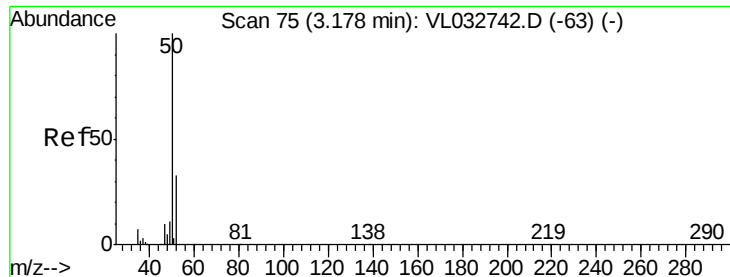
67 17.7 16.1 24.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.488 ppbv m

RT: 3.18 min Scan# 75

Delta R.T. -0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 50 Resp: 31180

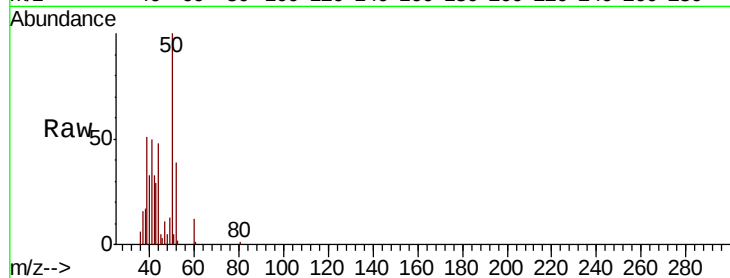
Ion Ratio Lower Upper

50 100

52 38.7 26.6 40.0

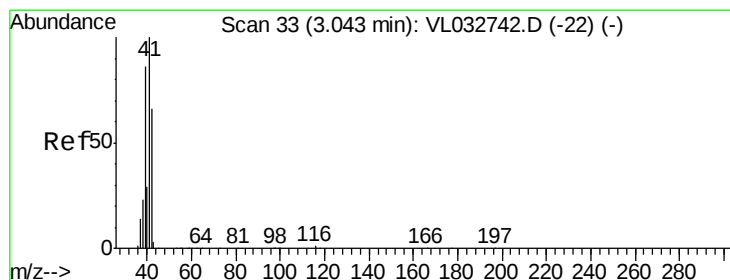
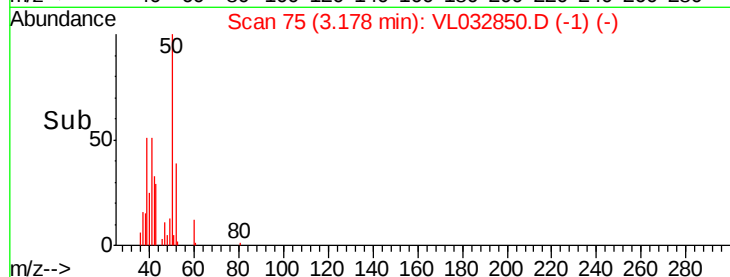
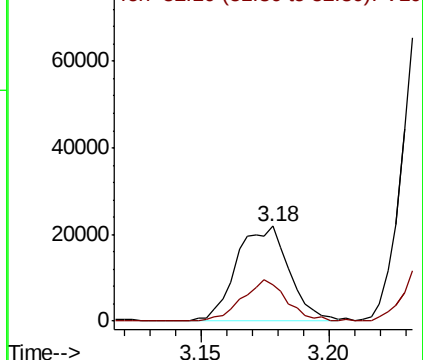
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Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 183.744 ppbv m

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL032850.D

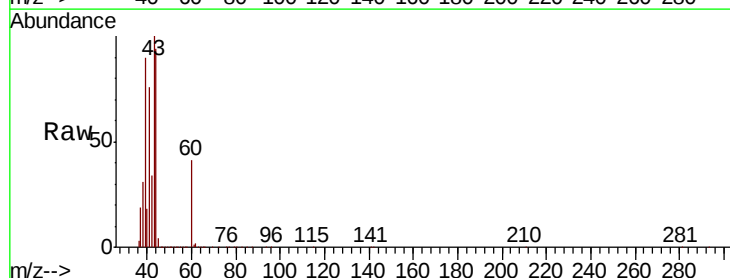
Acq: 30 Nov 2018 15:49

Tgt Ion: 41 Resp: 8473497

Ion Ratio Lower Upper

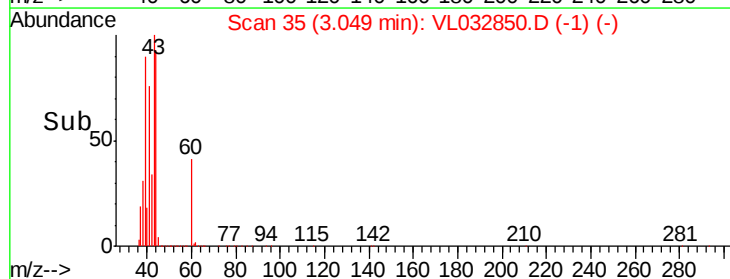
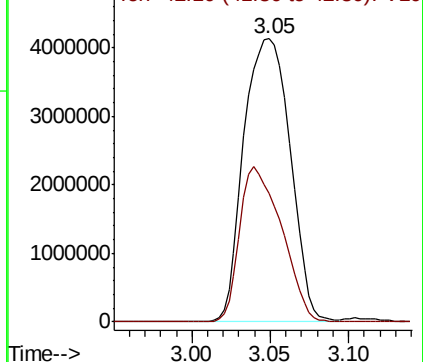
41 100

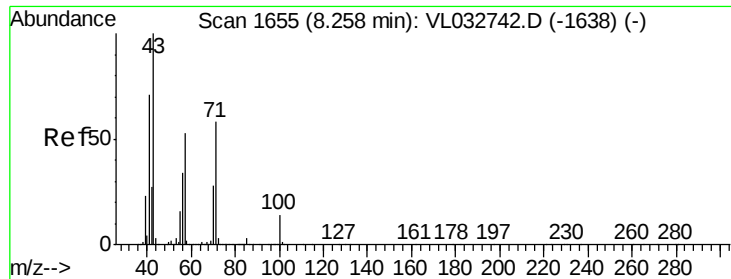
42 64.2 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 9.717 ppbv

RT: 8.27 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 43 Resp: 1710794

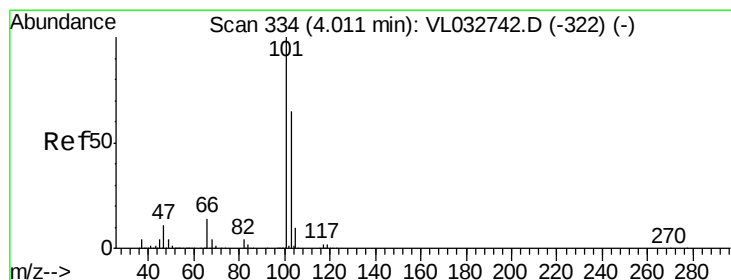
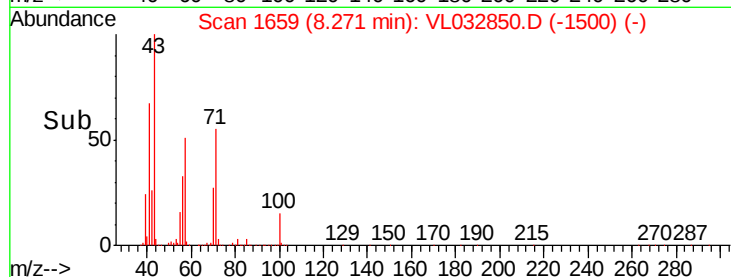
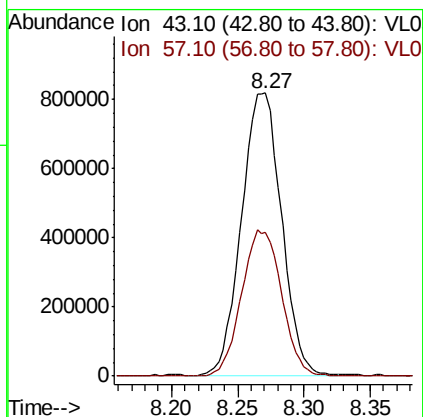
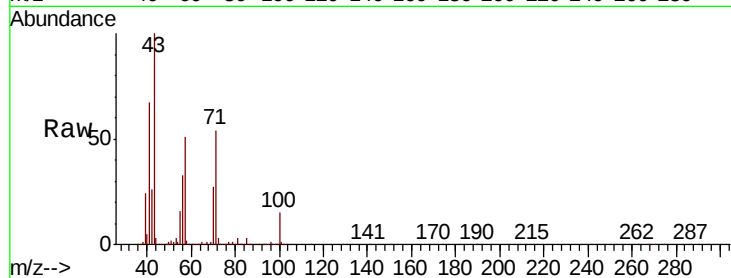
Ion Ratio Lower Upper

43 100

57 51.8 41.8 62.8

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#11

Trichlorofluoromethane

Concen: 0.258 ppbv

RT: 4.02 min Scan# 336

Delta R.T. 0.01 min

Lab File: VL032850.D

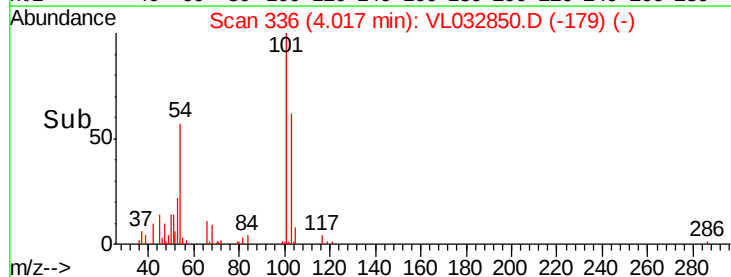
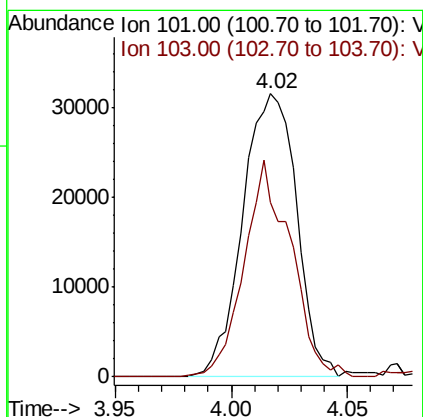
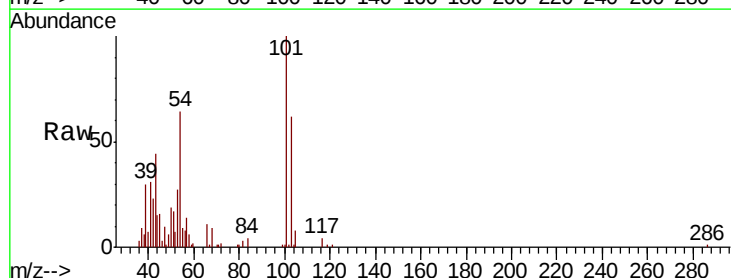
Acq: 30 Nov 2018 15:49

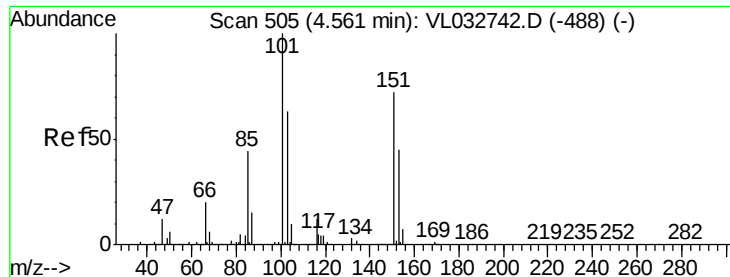
Tgt Ion: 101 Resp: 50785

Ion Ratio Lower Upper

101 100

103 61.0 51.6 77.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.120 ppbv m

RT: 4.56 min Scan# 505

Delta R.T. -0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion:101 Resp: 19263

Ion Ratio Lower Upper

101 100

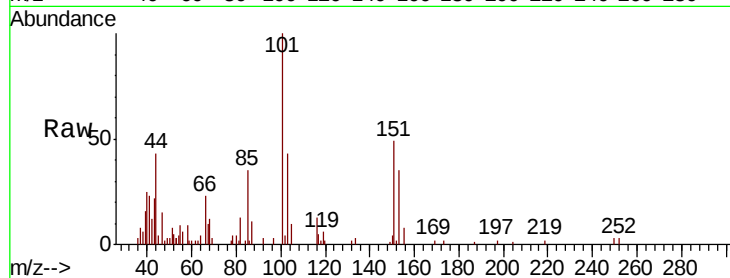
151 0.0 56.7 85.1#

Manual Integrations

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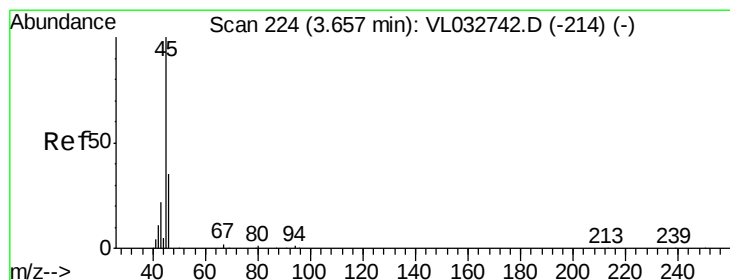
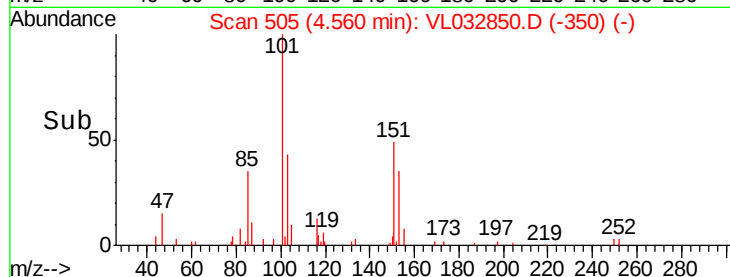
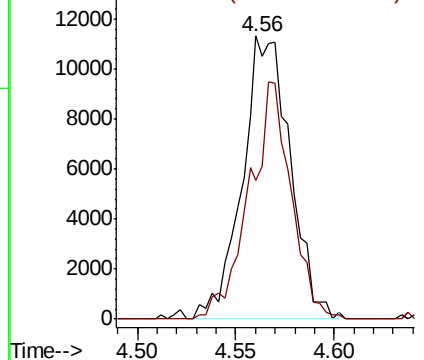
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 39.139 ppbv

RT: 3.65 min Scan# 223

Delta R.T. -0.00 min

Lab File: VL032850.D

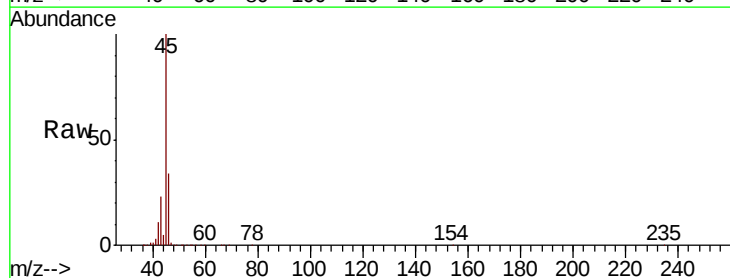
Acq: 30 Nov 2018 15:49

Tgt Ion: 45 Resp: 591186

Ion Ratio Lower Upper

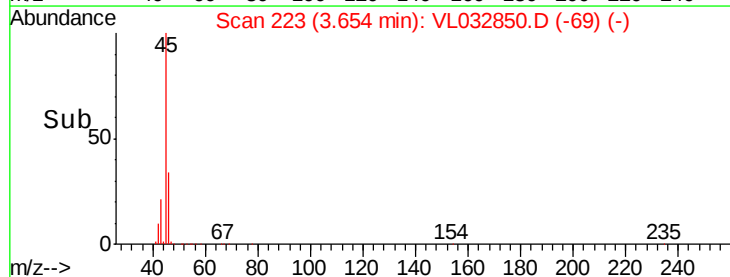
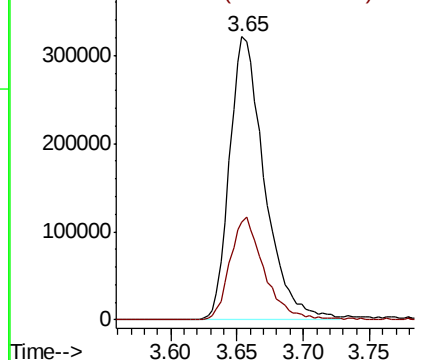
45 100

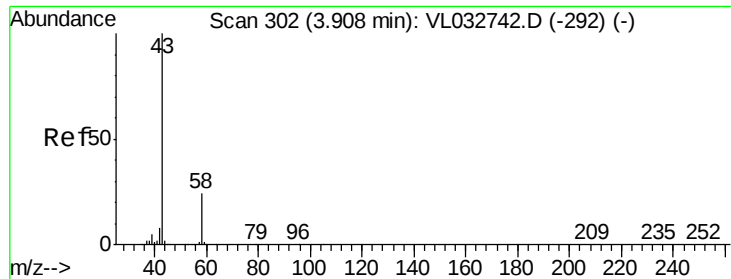
46 35.5 14.5 57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 24.587 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampled :

SITE-D-DUP

Tot Ion: 43 Resp: 3263720

Ion Ratio Lower Upper

43 100

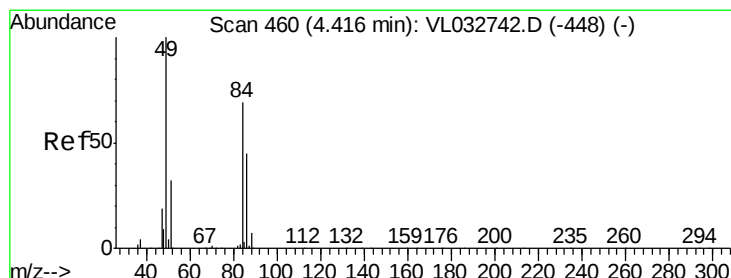
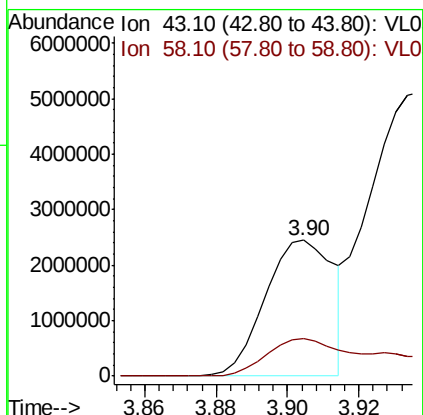
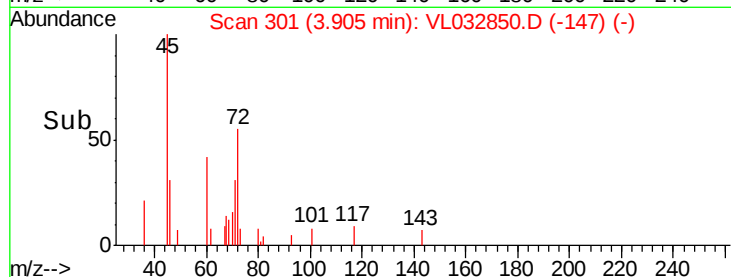
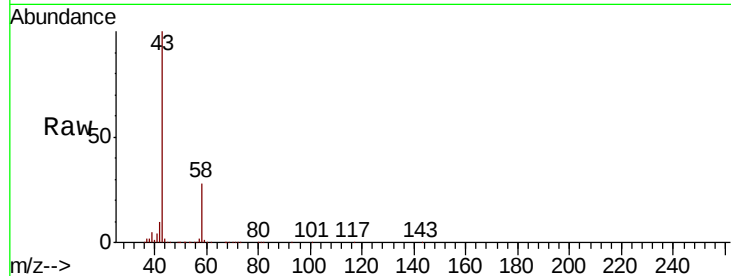
58 49.2 21.1 31.7#

Manual Integrations

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#20

Methylene Chloride

Concen: 3.531 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.01 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Tgt Ion: 84 Resp: 242649

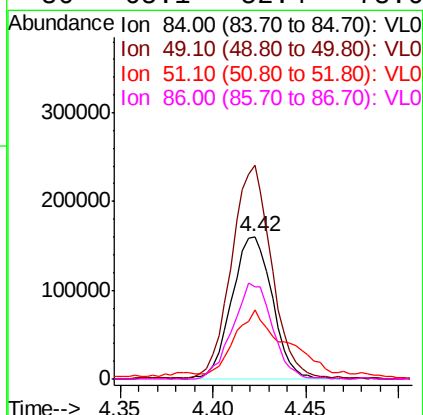
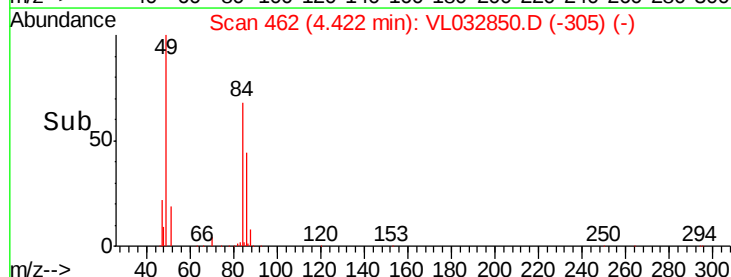
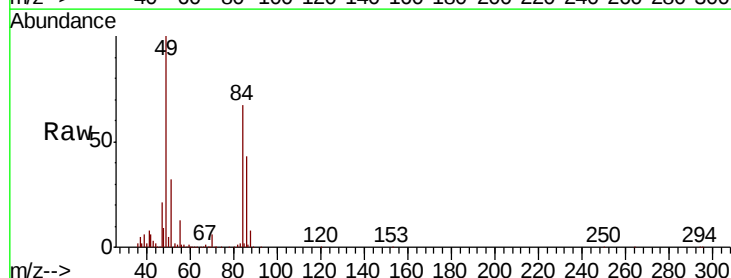
Ion Ratio Lower Upper

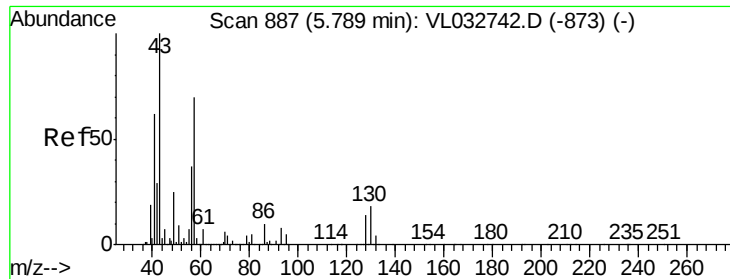
84 100

49 150.1 115.8 173.6

51 44.2 36.9 55.3

86 65.1 52.4 78.6





#26

Hexane

Concen: 23.310 ppbv

RT: 5.80 min Scan# 889

Delta R.T. 0.01 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 57 Resp: 3210196

Ion	Ratio	Lower	Upper
57	100		
41	87.4	70.3	105.5
43	70.2	174.0	261.0#
56	52.8	42.3	63.5

57 100

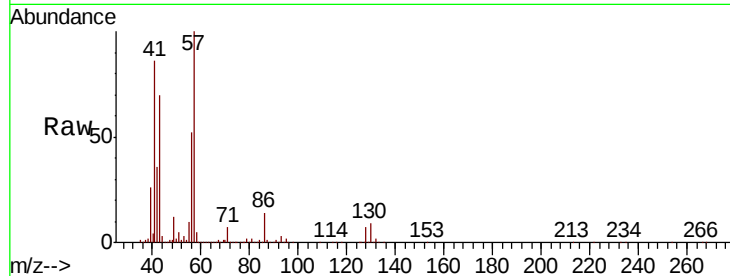
41 87.4 70.3 105.5

43 70.2 174.0 261.0#

56 52.8 42.3 63.5

Manual Integrations
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12/3/2018 4:15:11 PM



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

2500000

2000000

1500000

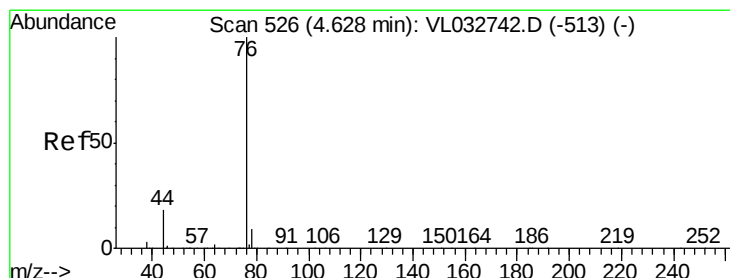
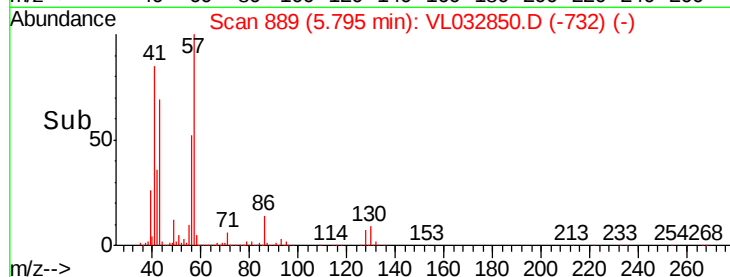
1000000

500000

0

5.70 5.75 5.80 5.85

Time-->



#27

Carbon Disulfide

Concen: 87.678 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

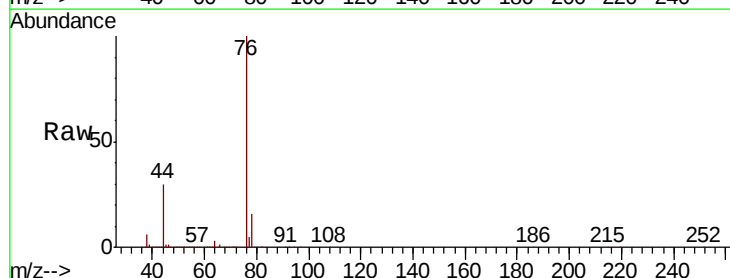
Tgt Ion: 76 Resp: 15311285

Ion	Ratio	Lower	Upper
76	100		
44	25.2	14.4	21.6#
78	12.7	7.7	11.5#

76 100

44 25.2 14.4 21.6#

78 12.7 7.7 11.5#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

1e+07

8000000

6000000

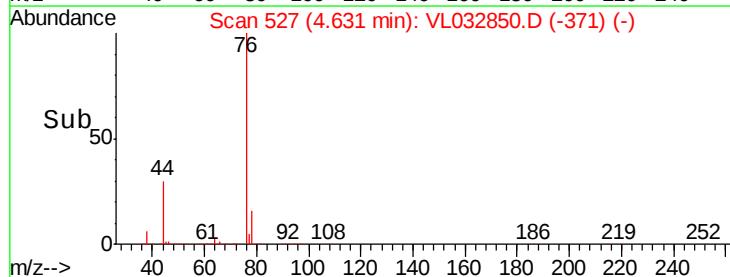
4000000

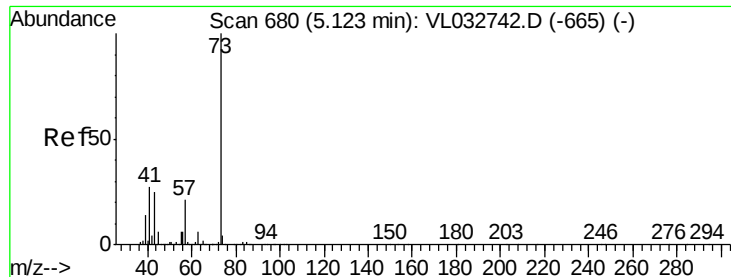
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0

4.55 4.60 4.65 4.70

Time-->





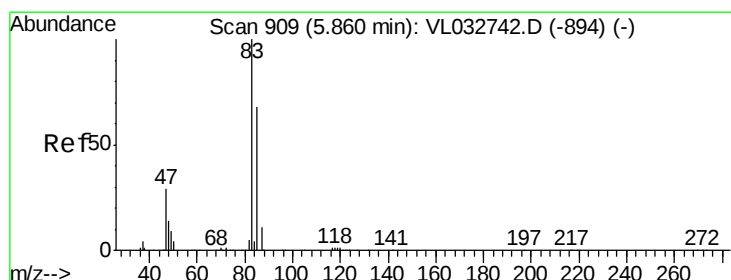
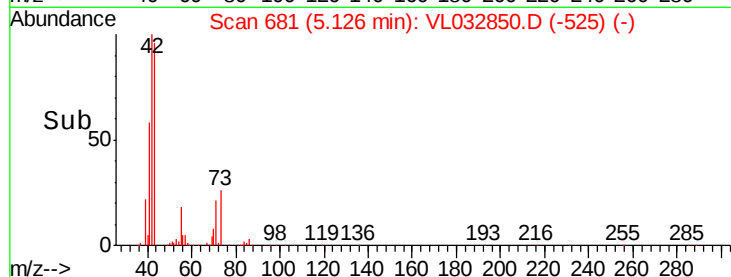
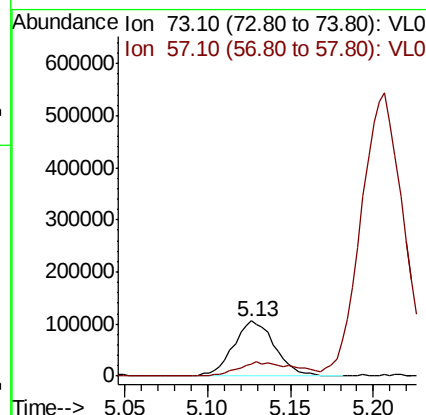
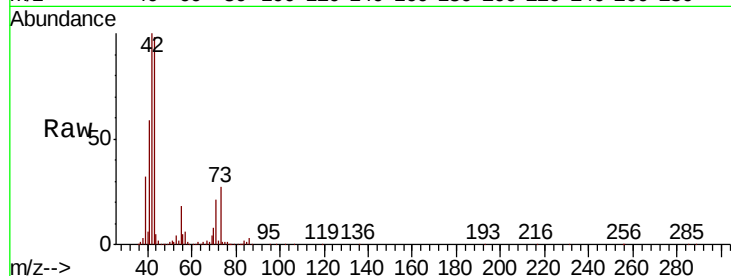
#28
Methvl tert-Butvl Ether
Concen: 0.821 ppbv
RT: 5.13 min Scan# 681
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion: 73 Resp: 180388
Ion Ratio Lower Upper
73 100
57 0.0 17.5 26.3#

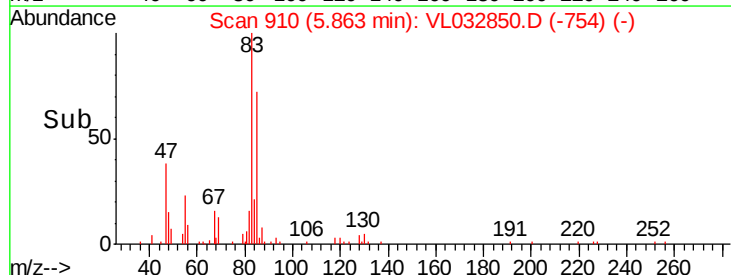
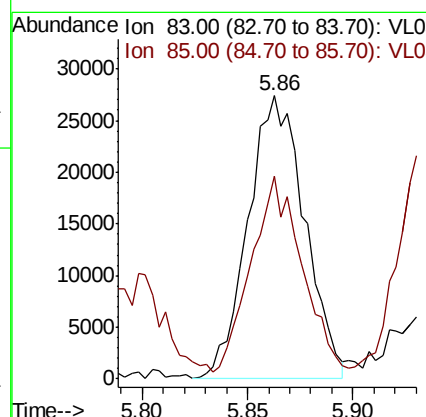
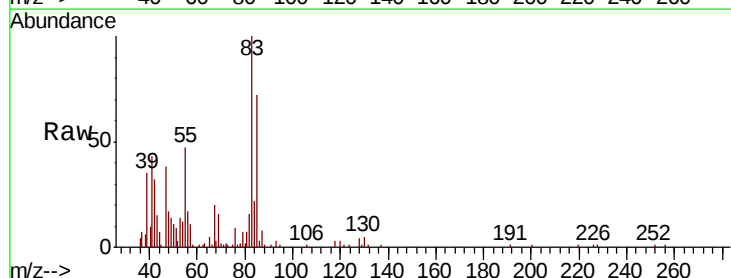
Manual Integrations
APPROVED

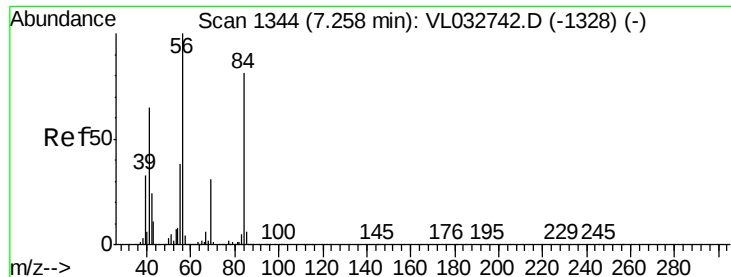
MMDadoda
12/3/2018 4:15:11 PM



#29
Chloroform
Concen: 0.208 ppbv
RT: 5.86 min Scan# 910
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion: 83 Resp: 51032
Ion Ratio Lower Upper
83 100
85 66.9 54.2 81.4





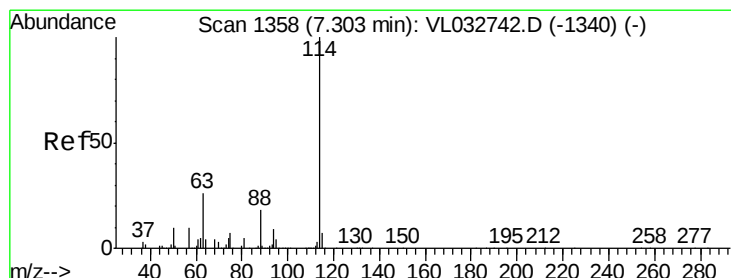
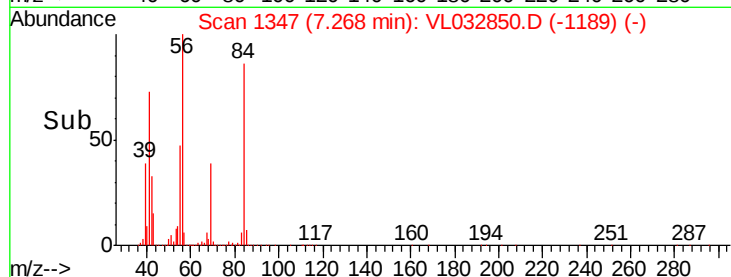
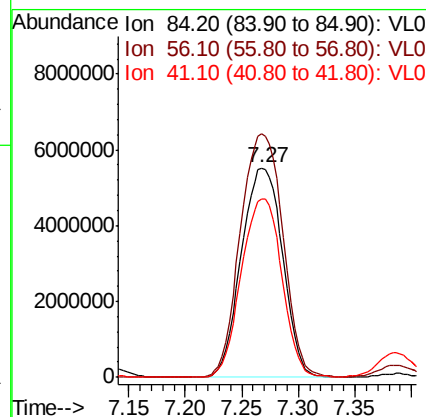
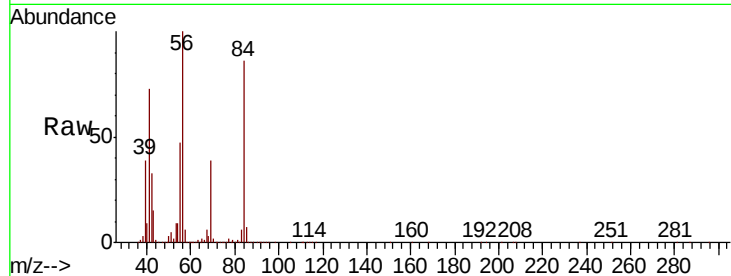
#30
Cvclohexane
Concen: 116.351 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion: 84 Resp:14014830
Ion Ratio Lower Upper
84 100
56 120.0 105.0 157.4
41 83.5 65.3 97.9

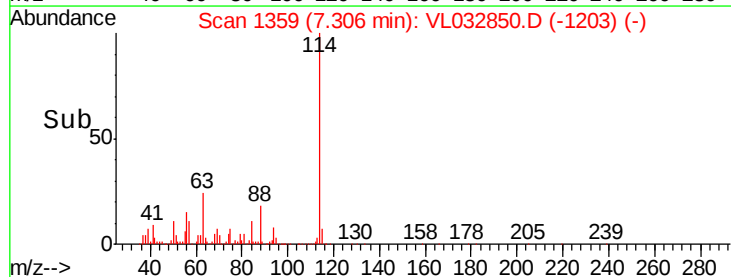
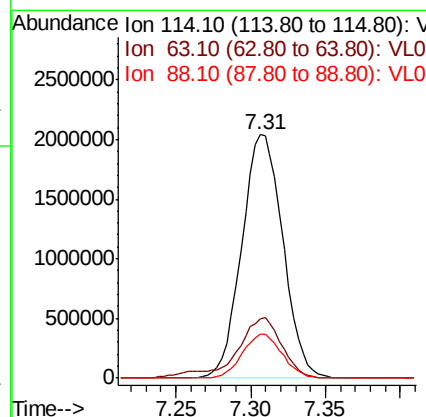
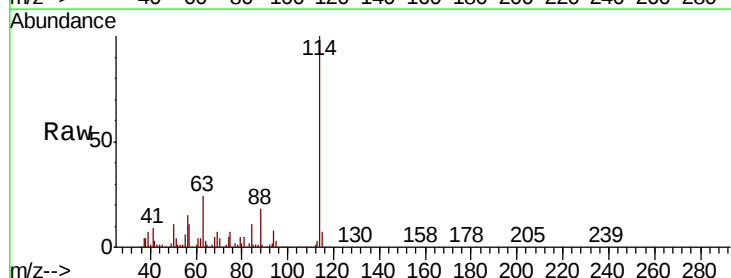
Manual Integrations
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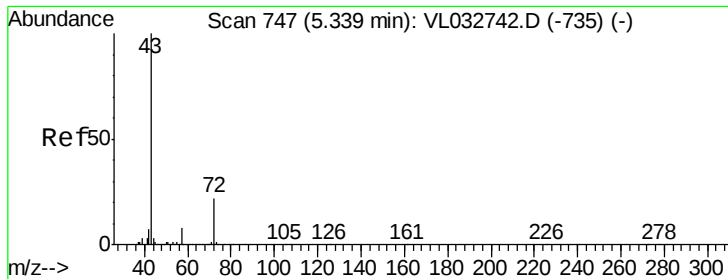
MMDadoda
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion:114 Resp: 3896012
Ion Ratio Lower Upper
114 100
63 27.6 20.9 31.3
88 17.5 14.4 21.6





#34

2-Butanone

Concen: 23.521 ppbv

RT: 5.34 min Scan# 746

Delta R.T. -0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 43 Resp: 4752998

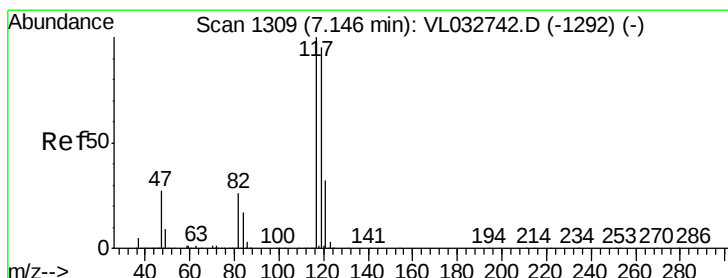
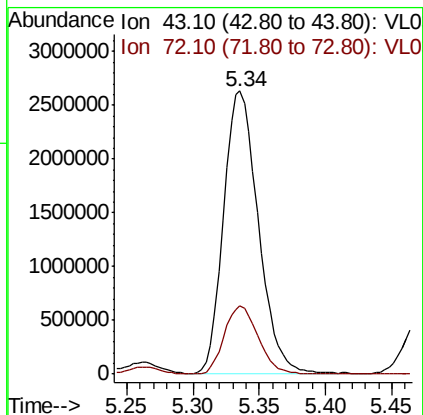
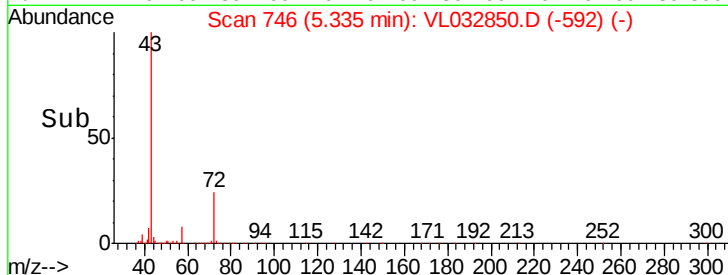
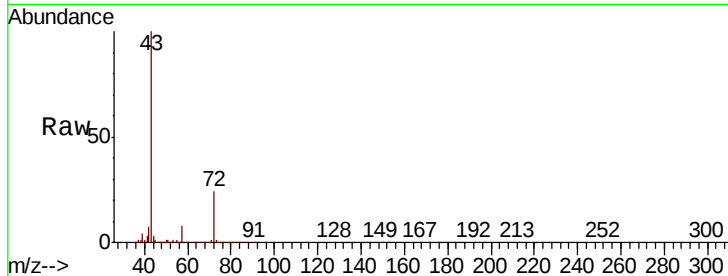
Ion Ratio Lower Upper

43 100

72 23.7 18.4 27.6

Manual Integrations
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#35

Carbon Tetrachloride

Concen: 0.093 ppbv

RT: 7.15 min Scan# 1310

Delta R.T. 0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

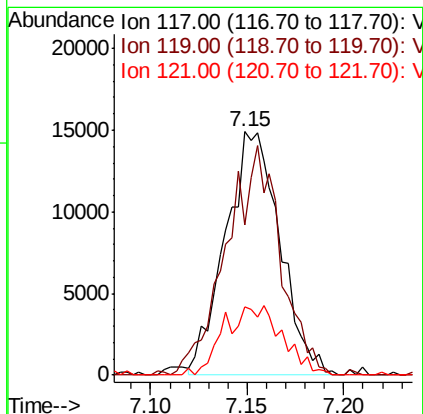
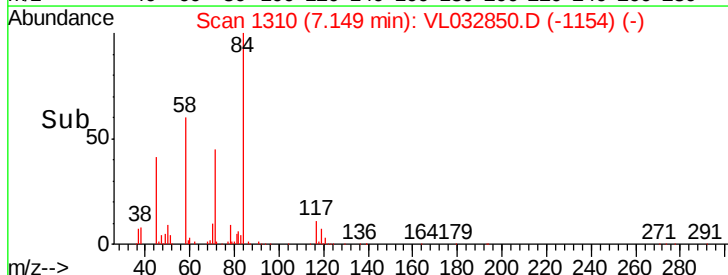
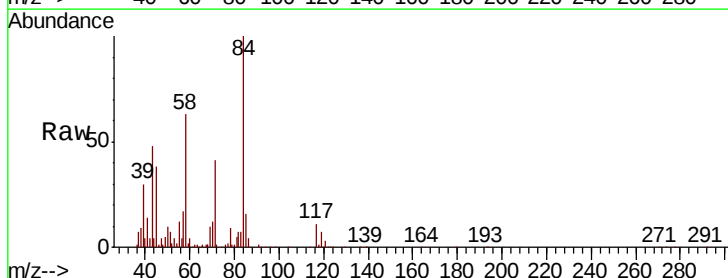
Tgt Ion: 117 Resp: 29201

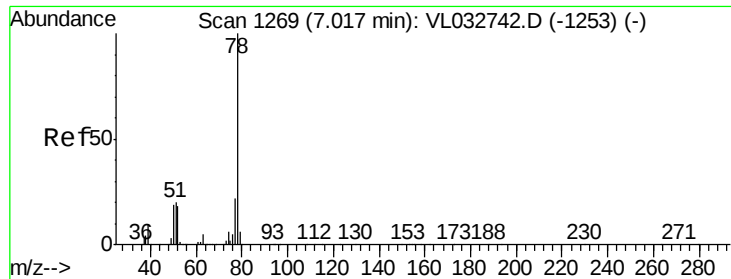
Ion Ratio Lower Upper

117 100

119 61.9 76.1 114.1#

121 27.8 25.4 38.0





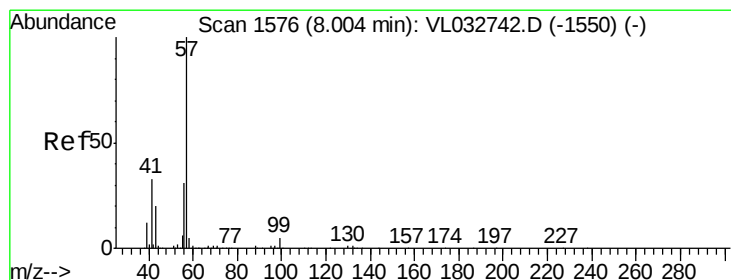
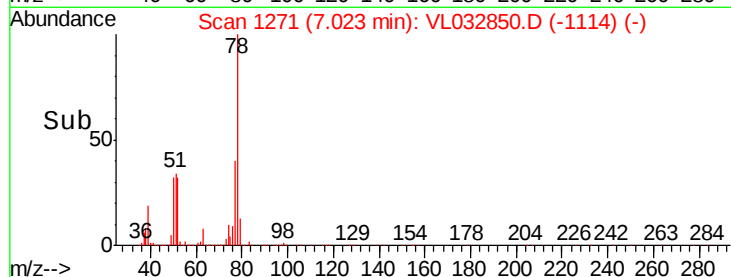
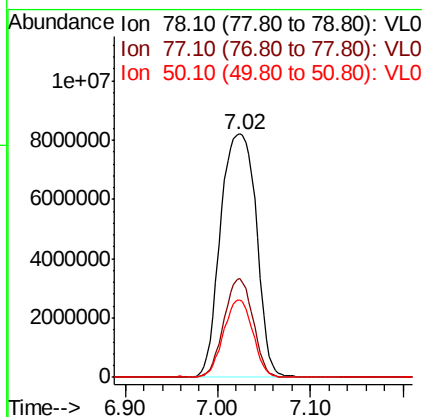
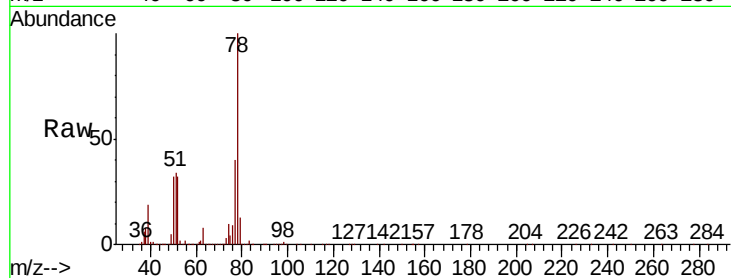
#36
Benzene
Concen: 70.656 ppbv
RT: 7.02 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampled :
SITE-D-DUP

Tot Ion: 78 Resp: 21920633
Ion Ratio Lower Upper
78 100
77 40.4 17.8 26.8#
50 31.4 15.4 23.0#

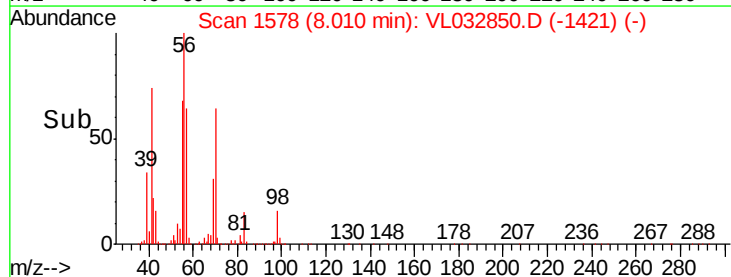
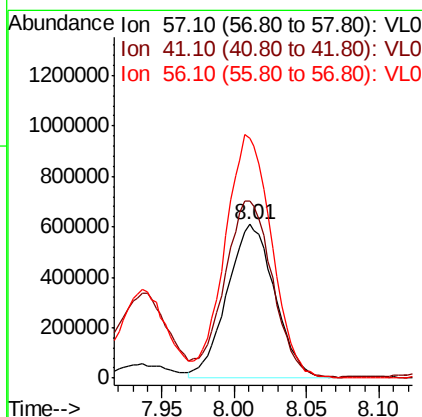
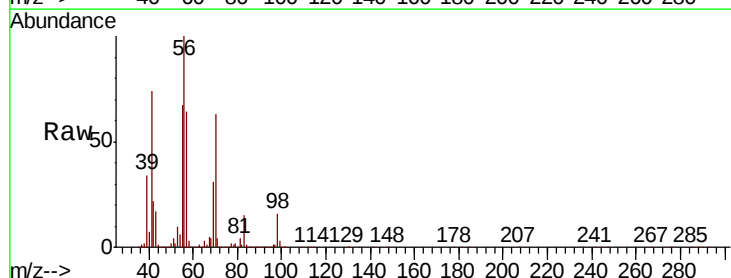
Manual Integrations
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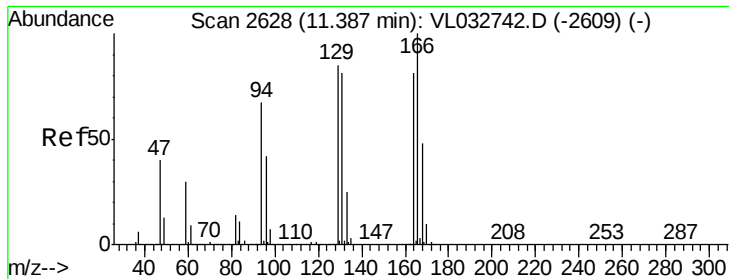
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#44
2,2,4-Trimethylpentane
Concen: 2.655 ppbv
RT: 8.01 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion: 57 Resp: 1376342
Ion Ratio Lower Upper
57 100
41 116.4 26.6 39.8#
56 155.5 24.8 37.2#





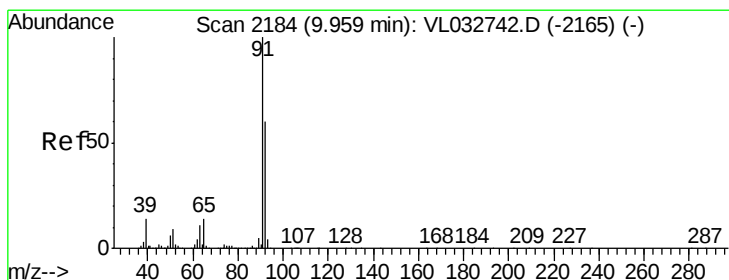
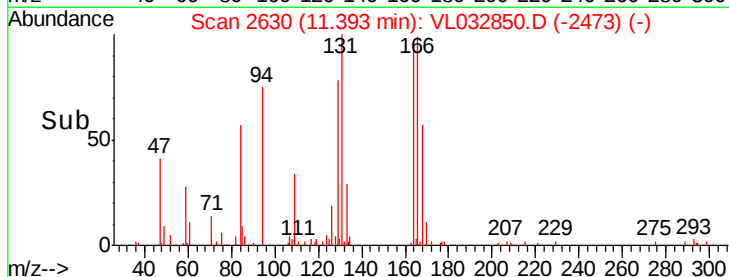
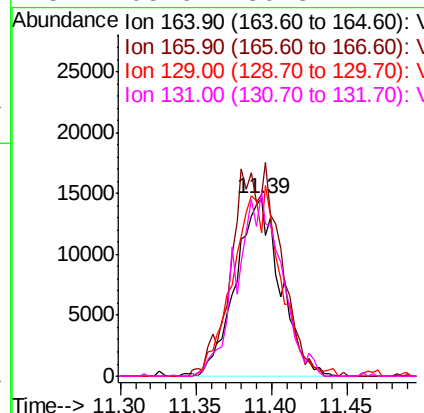
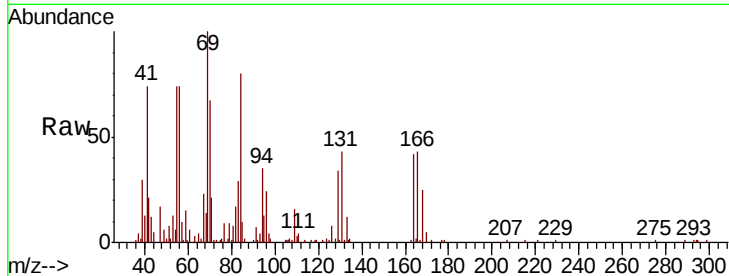
#52
Tetrachloroethene
Concen: 0.278 ppbv m
RT: 11.39 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion	Ratio	Lower	Upper
164	100		
166	102.6	99.3	148.9
129	81.2	83.9	125.9
131	103.6	80.8	121.2

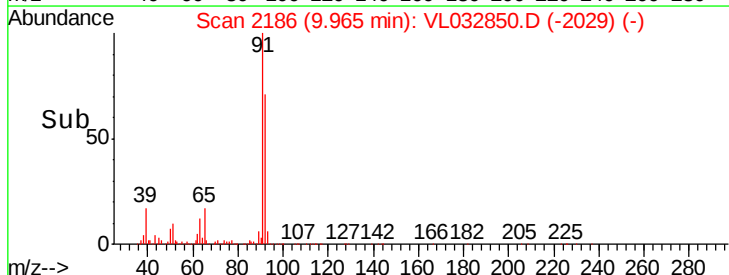
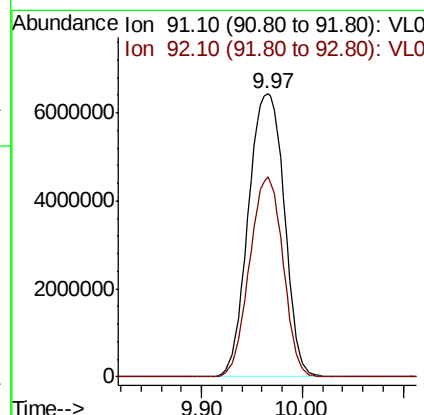
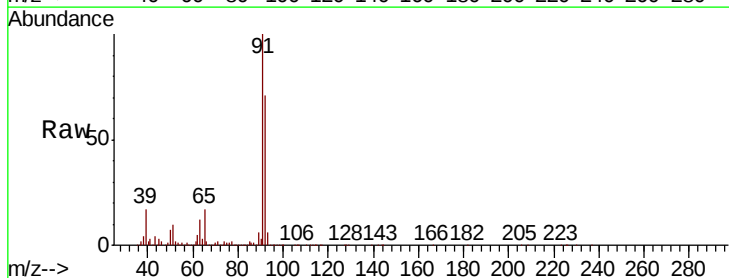
Manual Integrations
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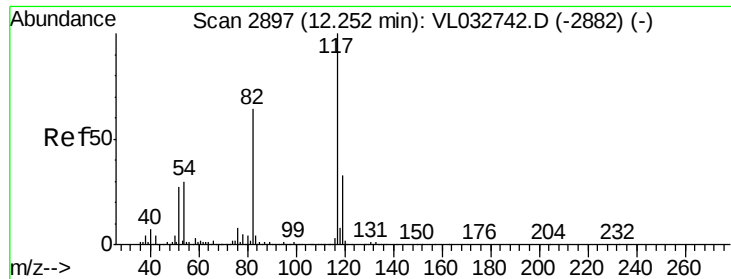
MMDadoda
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#53
Toluene
Concen: 49.016 ppbv
RT: 9.97 min Scan# 2186
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.9	47.9	71.9





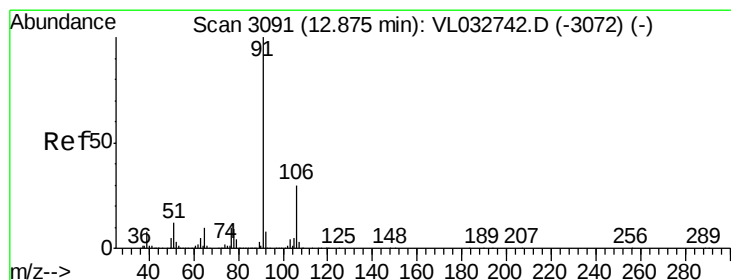
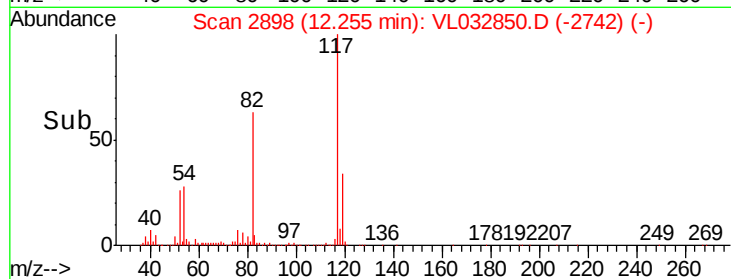
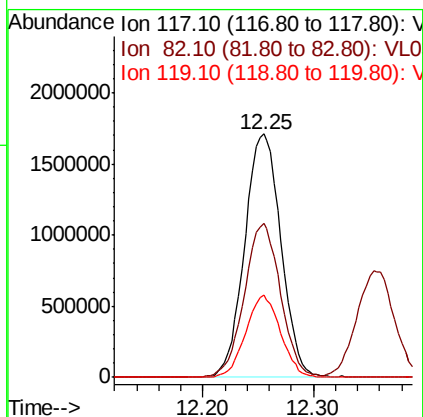
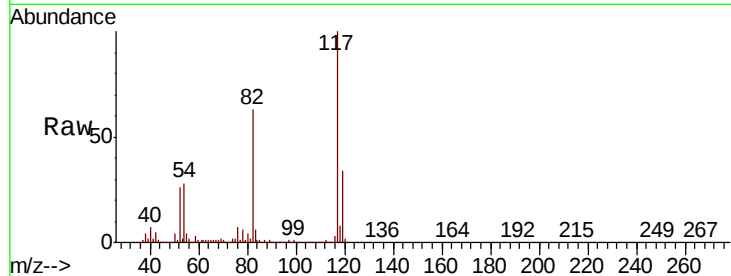
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	51.0	76.6
119	32.5	28.0	42.0

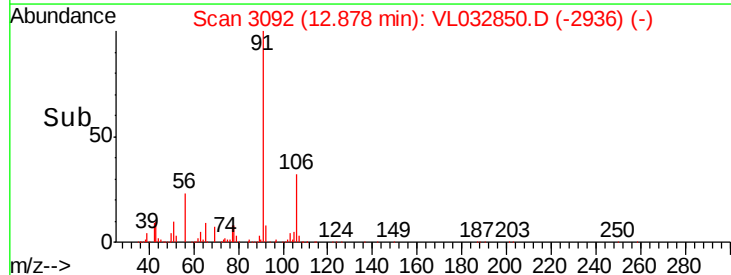
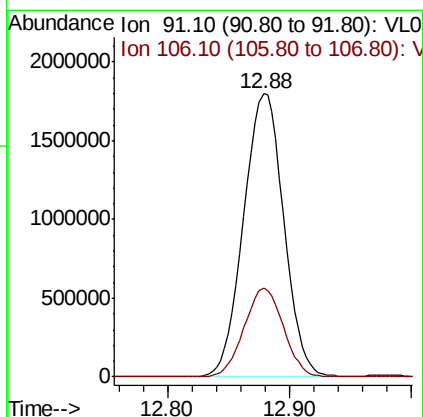
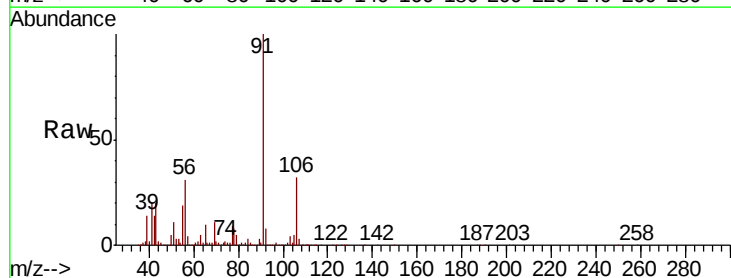
Manual Integrations
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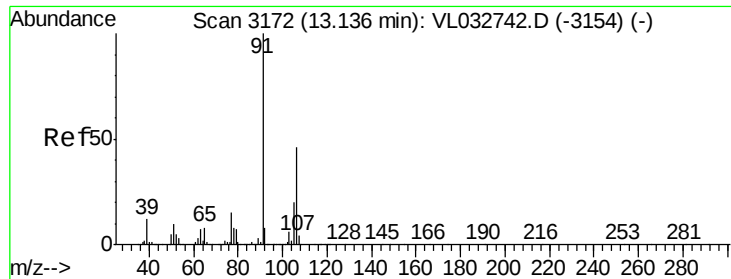
MMDadoda
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#58
Ethyl Benzene
Concen: 8.705 ppbv
RT: 12.88 min Scan# 3092
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	23.6	35.4





#59

m/p-Xylene

Concen: 26.178 ppbv

RT: 13.14 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion: 91 Resp:10938051

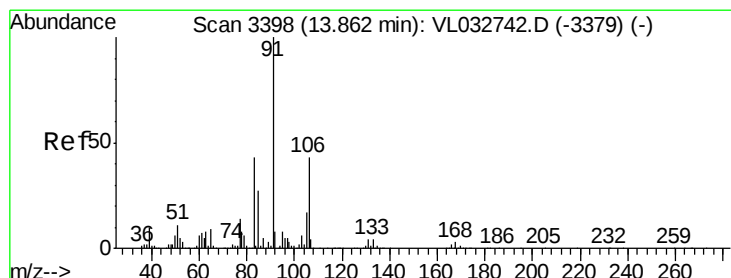
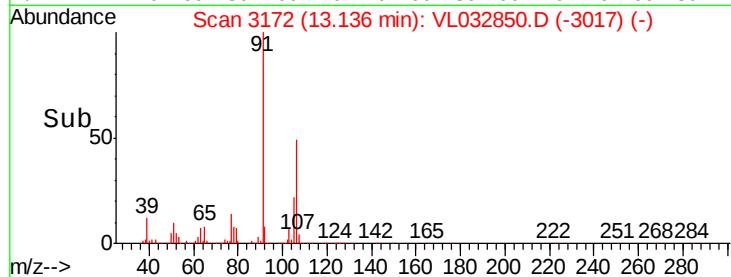
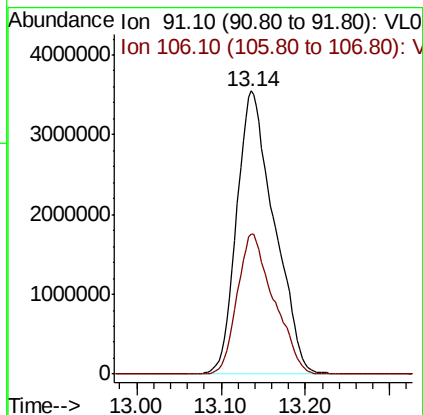
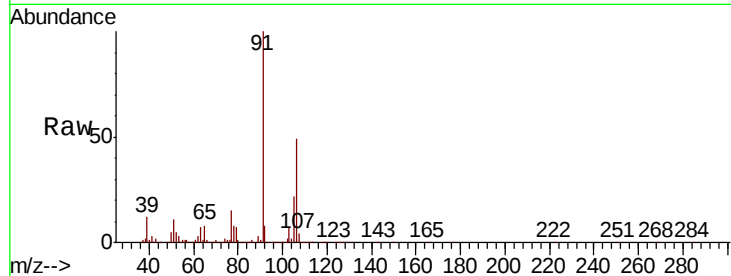
Ion Ratio Lower Upper

91 100

106 48.7 36.1 54.1

Manual Integrations
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#60

o-Xylene

Concen: 13.155 ppbv

RT: 13.86 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VL032850.D

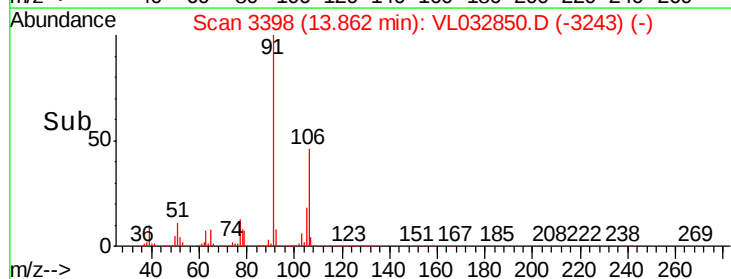
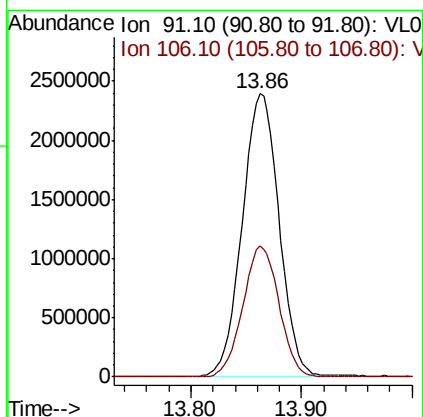
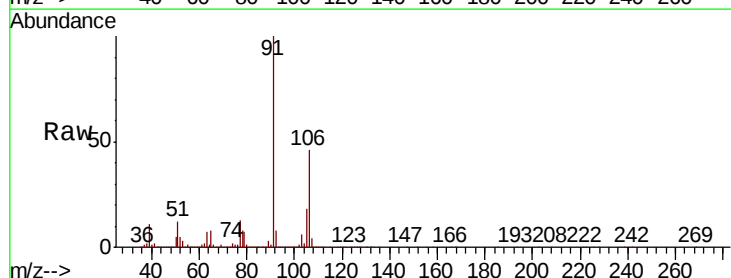
Acq: 30 Nov 2018 15:49

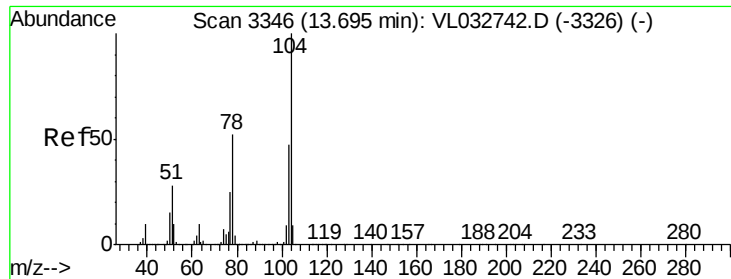
Tgt Ion: 91 Resp: 5526679

Ion Ratio Lower Upper

91 100

106 45.5 21.9 65.7





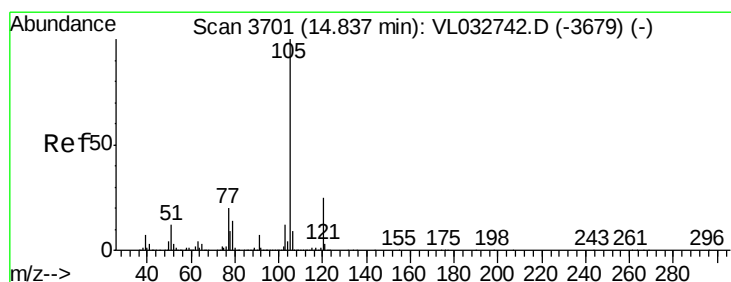
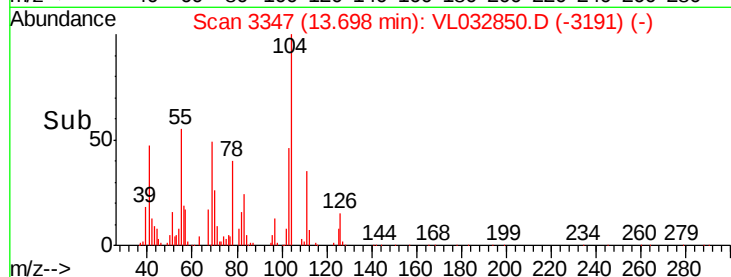
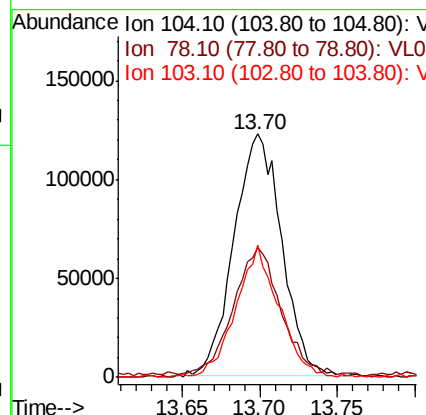
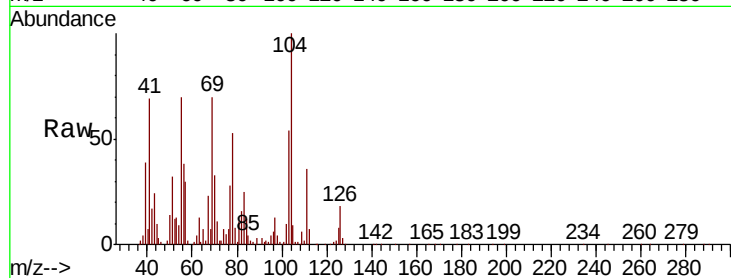
#61
Stvrene
Concen: 0.949 ppbv
RT: 13.70 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.8	42.2	63.4
103	49.8	38.2	57.2

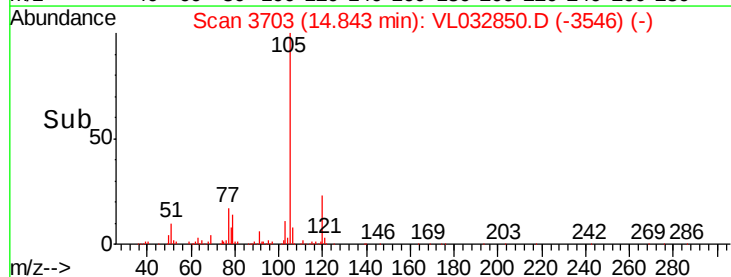
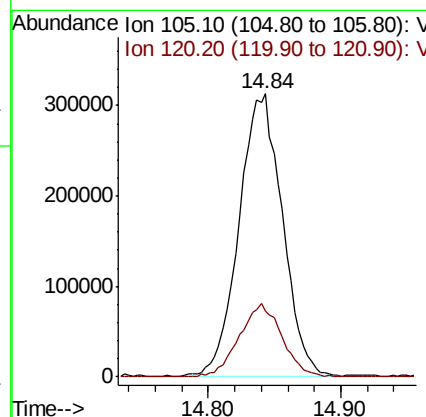
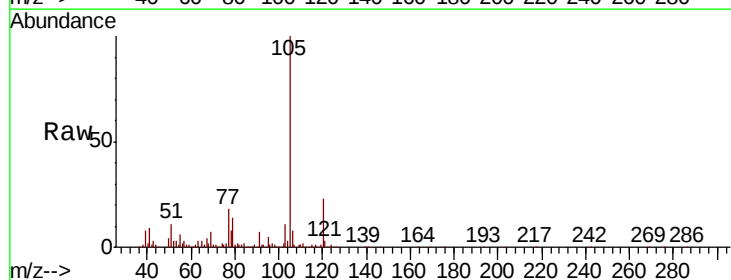
Manual Integrations
APPROVED

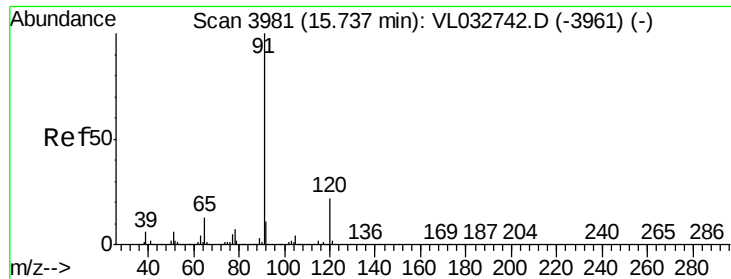
MMDadoda
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#62
Isopropylbenzene
Concen: 1.242 ppbv
RT: 14.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.1	30.1





#64

n-propylbenzene

Concen: 0.999 ppbv m

RT: 15.73 min Scan# 3979

Delta R.T. -0.01 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

ClientSampleId :

SITE-D-DUP

Tot Ion:120 Resp: 149181

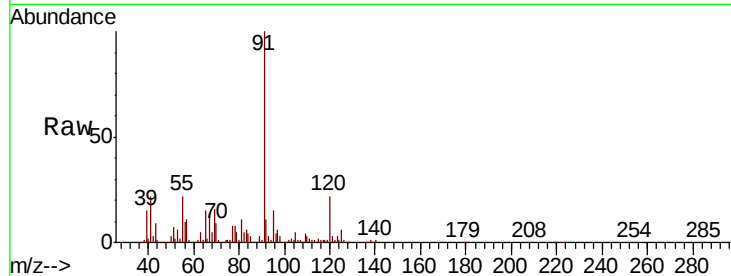
Ion Ratio Lower Upper

120 100

91 489.3 381.7 572.5

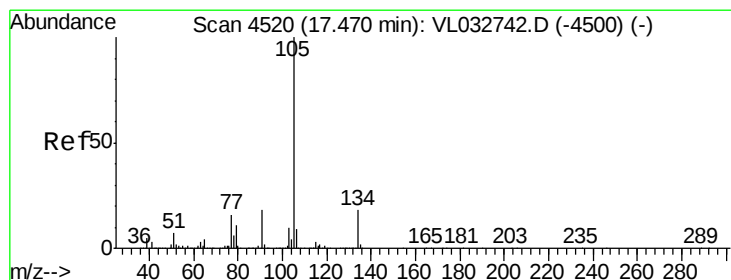
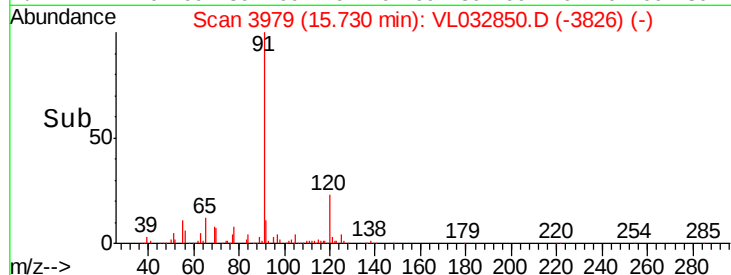
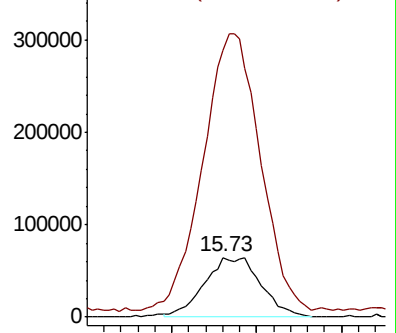
Manual Integrations
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Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#67

sec-Butylbenzene

Concen: 0.351 ppbv

RT: 17.47 min Scan# 4521

Delta R.T. 0.00 min

Lab File: VL032850.D

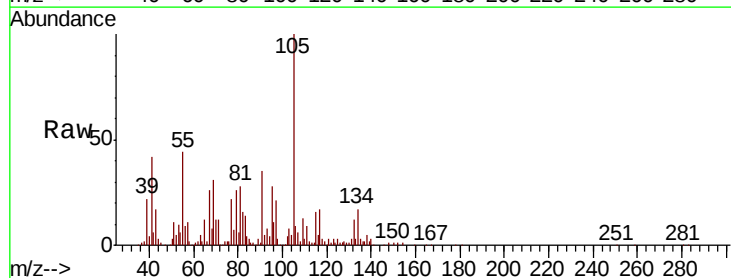
Acq: 30 Nov 2018 15:49

Tgt Ion:105 Resp: 257781

Ion Ratio Lower Upper

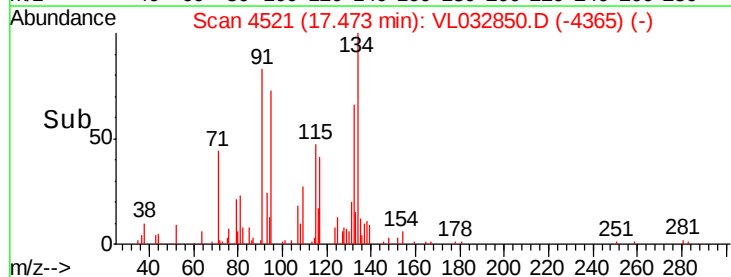
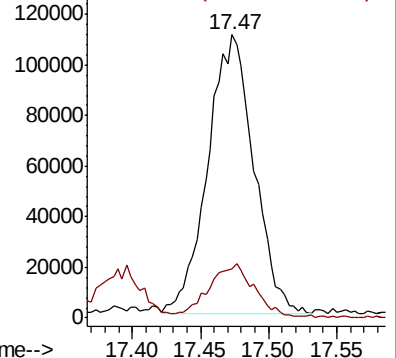
105 100

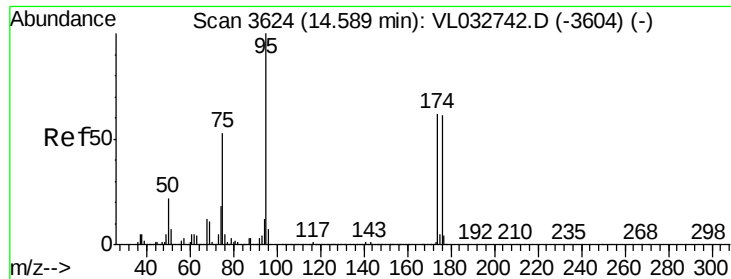
134 19.5 14.6 21.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V





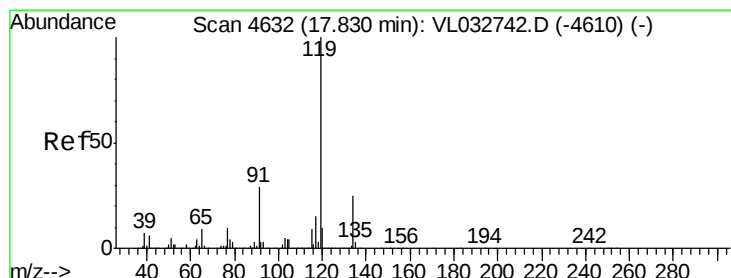
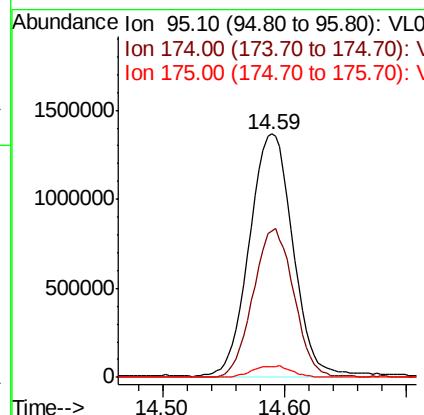
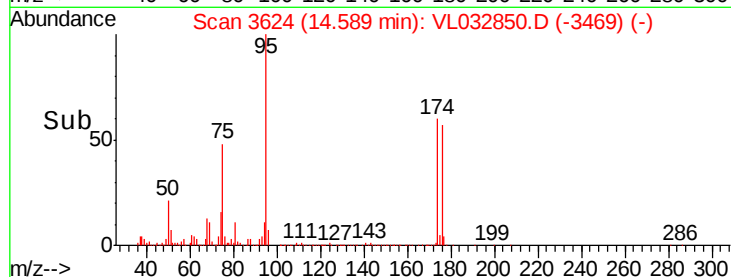
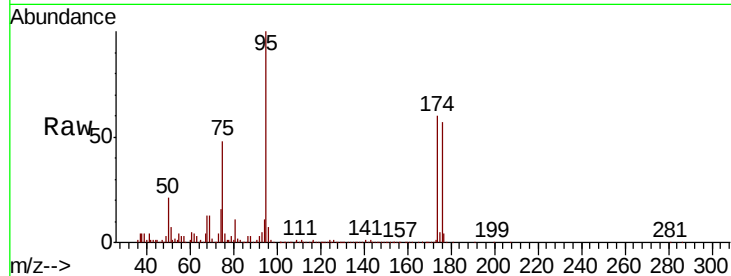
#68
1-Bromo-4-Fluorobenzene
Concen: 11.457 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion: 95 Resp: 3342048
Ion Ratio Lower Upper
95 100
174 58.4 50.7 76.1
175 4.4 3.8 5.6

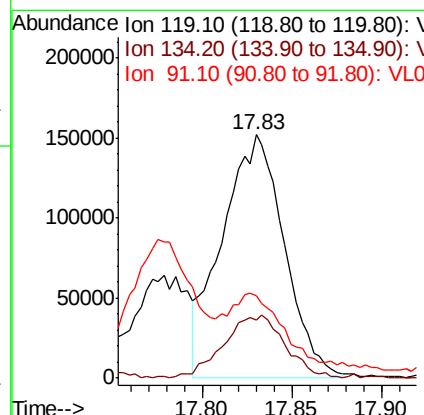
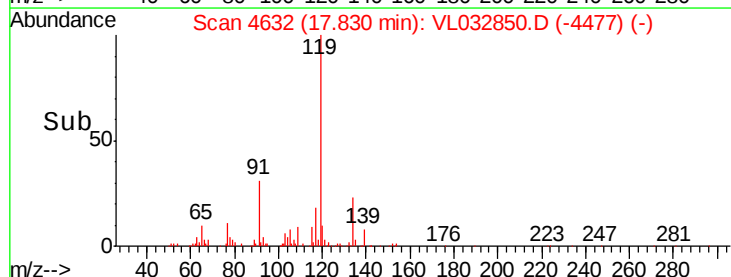
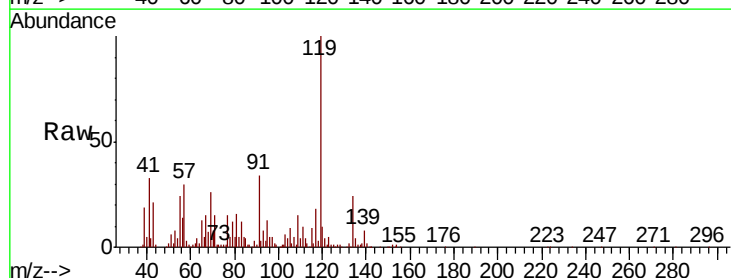
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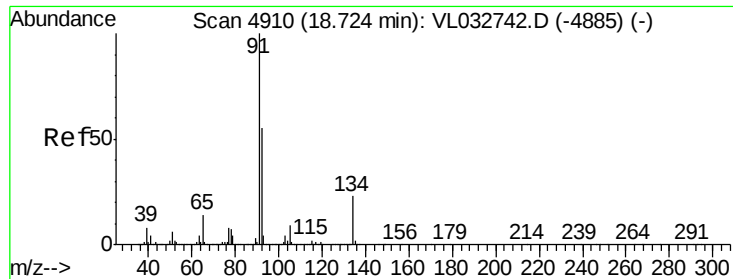
MMDadoda
12/3/2018 4:15:11 PM



#69
p-Isopropyltoluene
Concen: 0.631 ppbv m
RT: 17.83 min Scan# 4632
Delta R.T. -0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion: 119 Resp: 367941
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.4
91 28.4 23.5 35.3





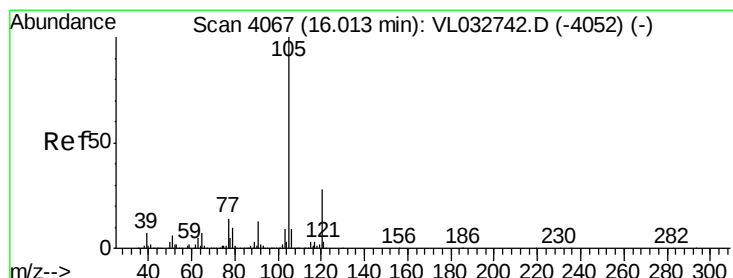
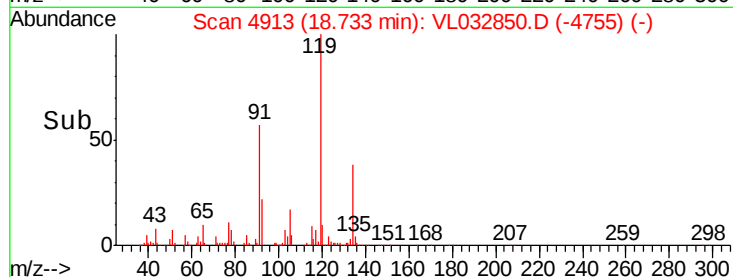
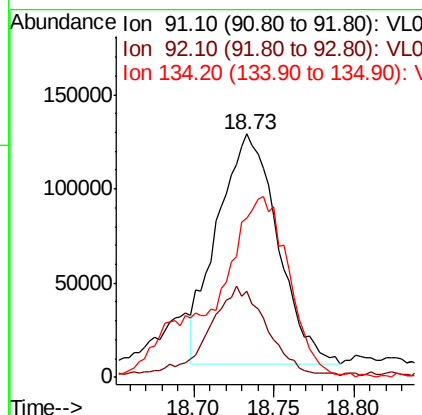
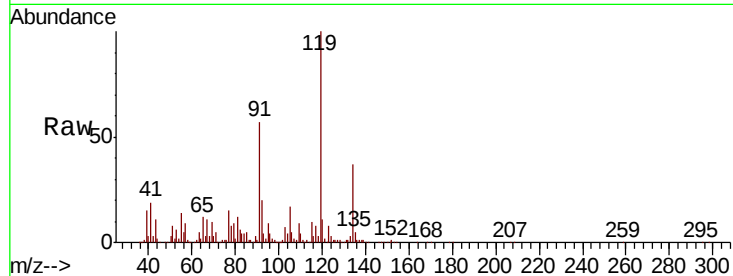
#70
n-Butylbenzene
Concen: 0.538 ppbv
RT: 18.73 min Scan# 4913
Delta R.T. 0.01 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Instrument :
MSVOA_L
ClientSampleId :
SITE-D-DUP

Tot Ion	Ratio	Resp	Lower	Upper
91	100	318617		
92	38.7	42.9	64.3#	
134	98.7	17.8	26.8#	

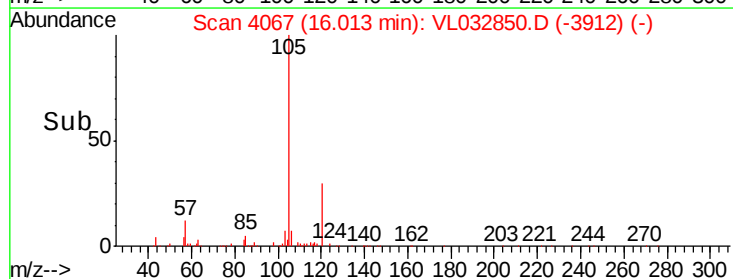
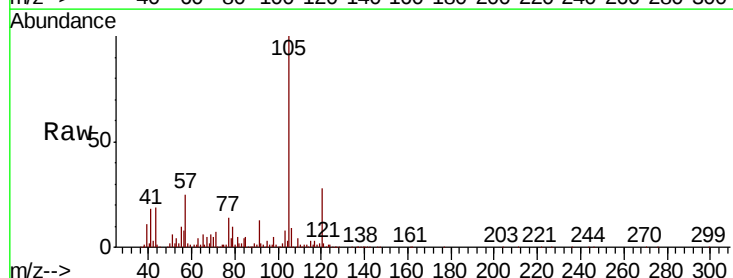
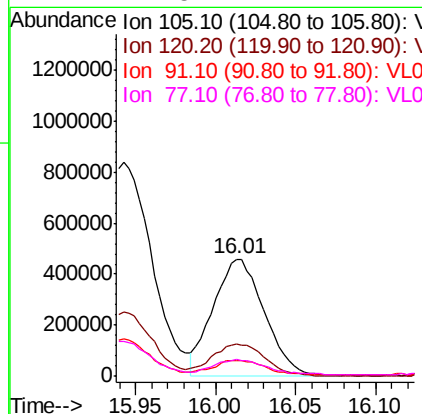
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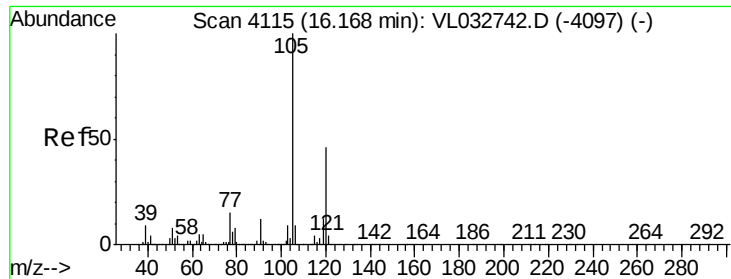
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#72
4-Ethyltoluene
Concen: 2.172 ppbv
RT: 16.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: VL032850.D
Acq: 30 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1000263		
120	29.4	22.9	34.3	
91	13.3	10.6	15.8	
77	14.5	11.4	17.2	





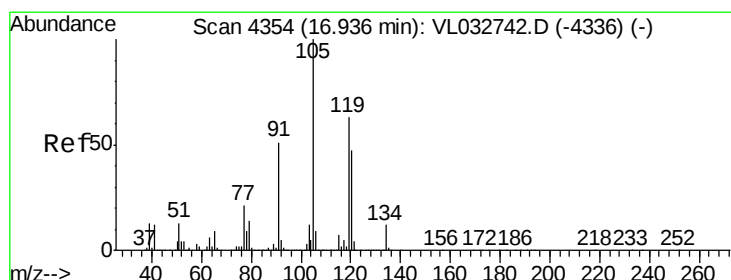
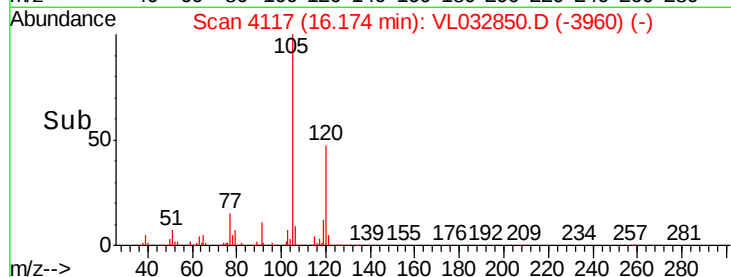
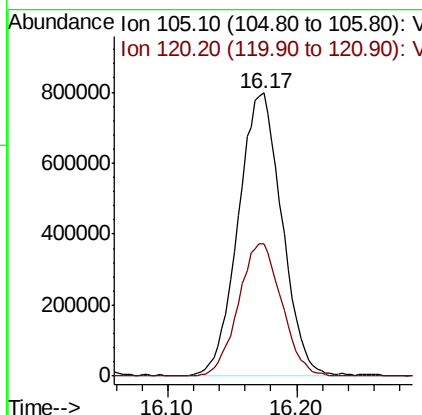
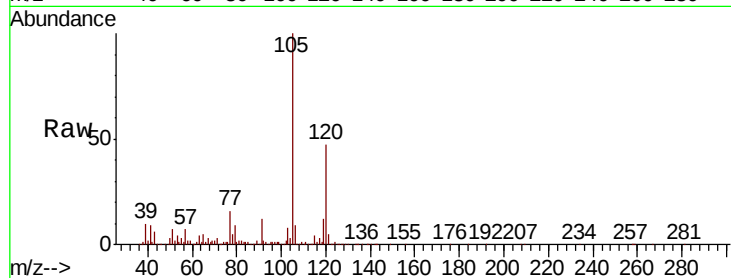
#73
 1,3,5-Trimethylbenzene
 Concen: 4.139 ppbv
 RT: 16.17 min Scan# 4117
 Delta R.T. 0.01 min
 Lab File: VL032850.D
 Acq: 30 Nov 2018 15:49

Instrument :
 MSVOA_L
 ClientSampled :
 SITE-D-DUP

Tot Ion:105 Resp: 1863354
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.6 55.0

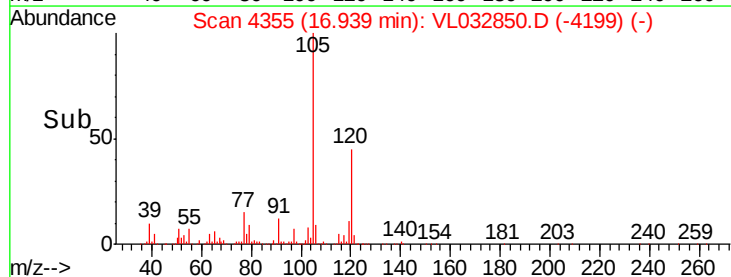
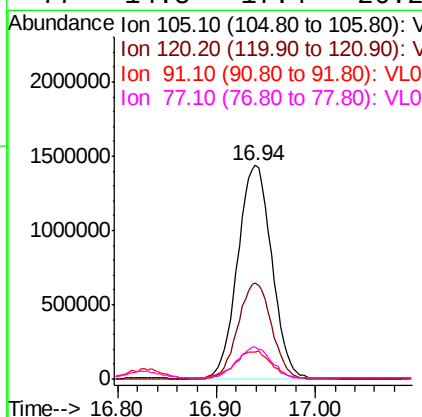
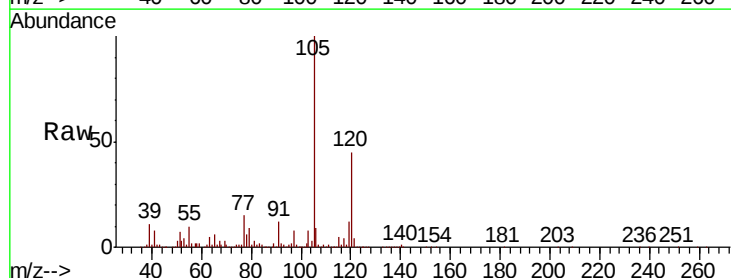
Manual Integrations
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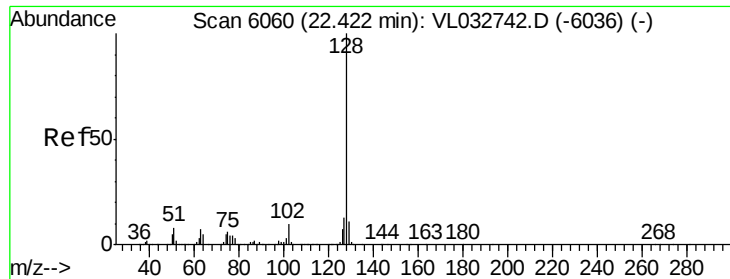
MMDadoda
 12/3/2018 4:15:11 PM



#74
 1,2,4-Trimethylbenzene
 Concen: 7.150 ppbv
 RT: 16.94 min Scan# 4355
 Delta R.T. 0.00 min
 Lab File: VL032850.D
 Acq: 30 Nov 2018 15:49

Tgt Ion:105 Resp: 3444689
 Ion Ratio Lower Upper
 105 100
 120 45.0 37.6 56.4
 91 12.1 42.5 63.7#
 77 14.5 17.4 26.2#





#79

Naphthalene

Concen: 1.110 ppbv

RT: 22.42 min Scan# 6061

Delta R.T. 0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Instrument :

MSVOA_L

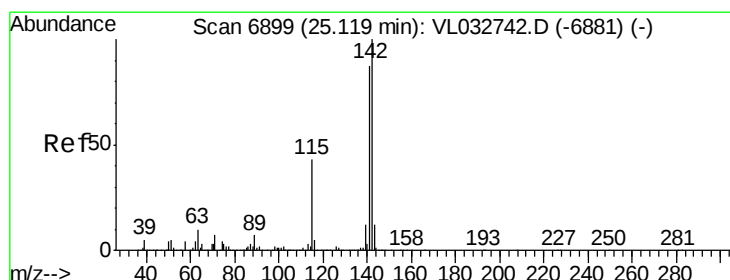
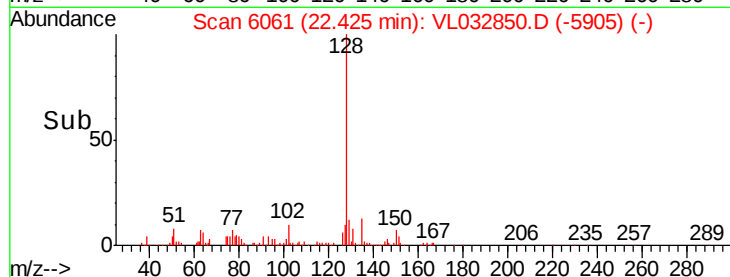
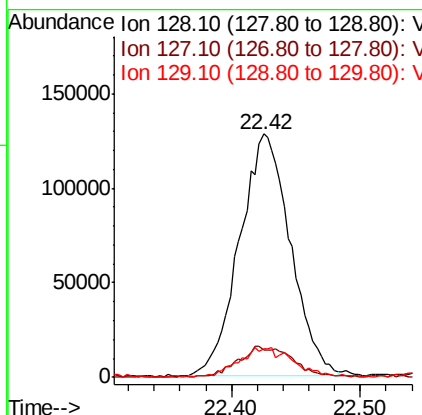
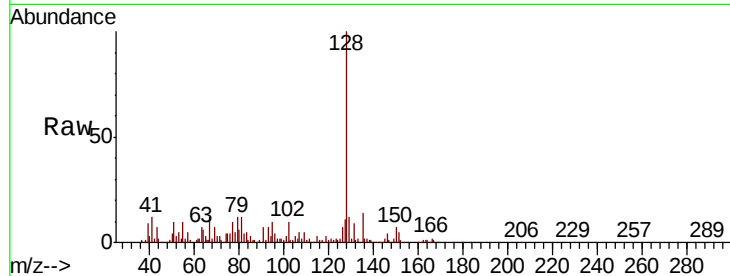
ClientSampleId :

SITE-D-DUP

Tot Ion:	128	Resp:	351432
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.1	15.1
129	11.1	8.9	13.3

Manual Integrations
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#80

Naphthalene, 2-methyl-

Concen: 0.481 ppbv

RT: 25.12 min Scan# 6900

Delta R.T. 0.00 min

Lab File: VL032850.D

Acq: 30 Nov 2018 15:49

Tgt Ion:	142	Resp:	38093
Ion Ratio	Lower	Upper	
142	100		
141	93.2	68.7	103.1
115	71.5	35.5	53.3#

