

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
 Data File : VL032032.D
 Acq On : 1 Jun 2018 22:14
 Operator : SY/AP
 Sample : J3193-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-052518

Quant Time: Jun 02 02:04:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 01 02:31:35 2018
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

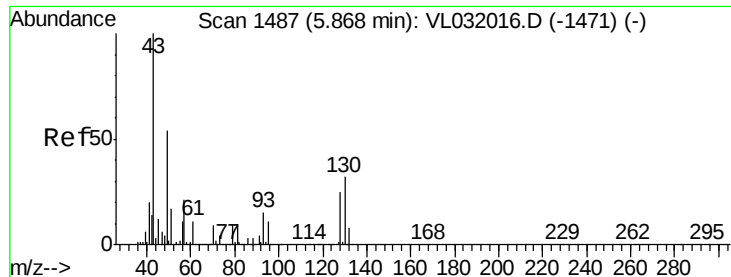
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1131199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2162639	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2137684	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1716368	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.06	51	192120	1.81	ppbv #	68
4) Chloromethane	3.24	50	30856	0.57	ppbv	93
9) Propene	3.31	41	1074052	30.89	ppbv	93
10) Heptane	8.37	43	80109	0.65	ppbv	91
11) Trichlorofluoromethane	4.09	101	44072	0.21	ppbv #	76
13) Ethanol	3.77	45	12364359	910.35	ppbv #	38
15) Acetone	3.98	43	1391762	10.20	ppbv #	88
16) 1,3-Butadiene	3.47	39	39710	0.80	ppbv #	11
17) tert-Butyl alcohol	4.52	59	142880	2.18	ppbv #	72
19) Isopropyl Alcohol	4.15	45	210455	2.33	ppbv #	95
20) Methylene Chloride	4.50	84	133265	2.15	ppbv	98
21) Allyl Chloride	4.52	41	20324	0.21	ppbv #	1
23) Vinyl Acetate	5.24	43	158417	0.86	ppbv #	57
25) Ethyl Acetate	5.87	43	536783	1.99	ppbv #	96
26) Hexane	5.88	57	352794	2.81	ppbv #	76
27) Carbon Disulfide	4.71	76	14400	0.09	ppbv #	59
29) Chloroform	5.95	83	54694	0.26	ppbv	97
30) Cyclohexane	7.37	84	2946	0.04	ppbv #	1
34) 2-Butanone	5.43	43	83679	0.49	ppbv	100
35) Carbon Tetrachloride	7.24	117	6317	0.03	ppbv #	92
36) Benzene	7.12	78	138607	0.73	ppbv	94
39) 1,2-Dichloropropane	7.40	63	564936	8.06	ppbv #	22
41) Tetrahydrofuran	6.27	42	3448	0.05	ppbv #	80
44) 2,2,4-Trimethylpentane	8.11	57	487733	1.50	ppbv #	88
53) Toluene	10.07	91	1125642	5.29	ppbv	99
58) Ethyl Benzene	12.99	91	44179	0.15	ppbv	90
59) m/p-Xylene	13.26	91	64181	0.24	ppbv #	31
60) o-Xylene	13.97	91	68594	0.26	ppbv	98
61) Styrene	13.82	104	31434	0.62	ppbv #	86
64) n-propylbenzene	16.06	120	3743	0.04	ppbv	73
72) 4-Ethyltoluene	16.13	105	34203	0.13	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.28	105	45990	0.19	ppbv	89
74) 1,2,4-Trimethylbenzene	17.05	105	128458	0.47	ppbv #	74
79) Naphthalene	22.56	128	7246	0.05	ppbv #	71

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.87 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VL032032.D

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LIHA-IA1-052518

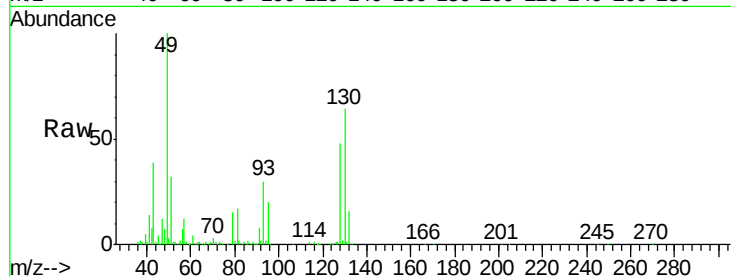
Tgt Ion: 49 Resp: 1131199

Ion Ratio Lower Upper

49 100

128 49.1 24.1 72.3

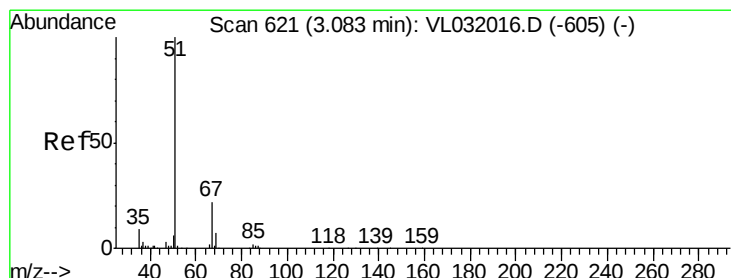
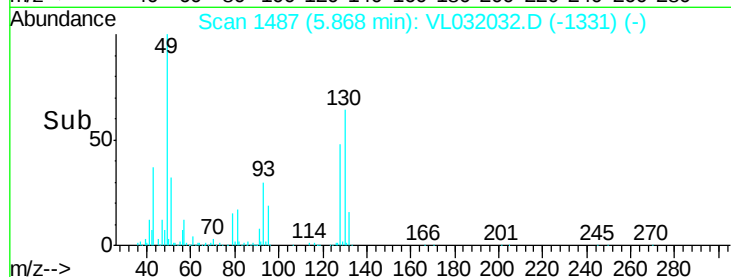
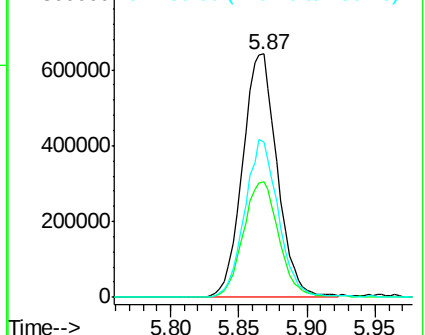
130 63.2 30.9 92.8



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



#3

Chlorodifluoromethane

Concen: 1.81 ppbv

RT: 3.06 min Scan# 613

Delta R.T. -0.03 min

Lab File: VL032032.D

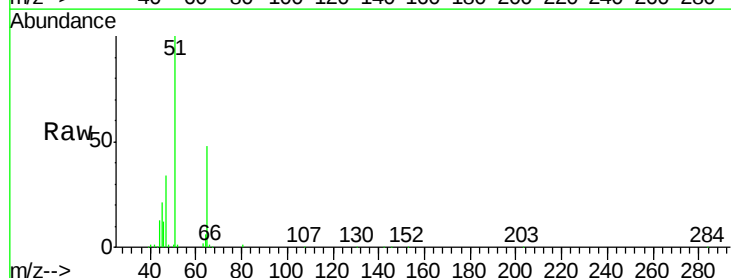
Acq: 1 Jun 2018 22:14

Tgt Ion: 51 Resp: 192120

Ion Ratio Lower Upper

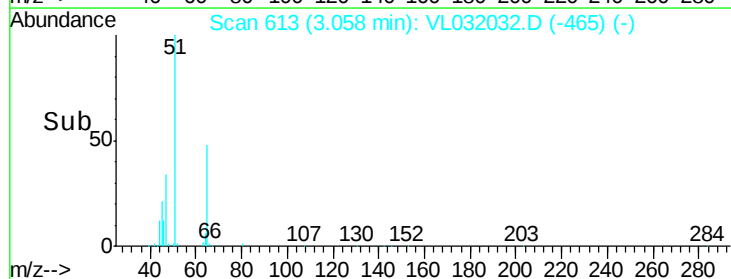
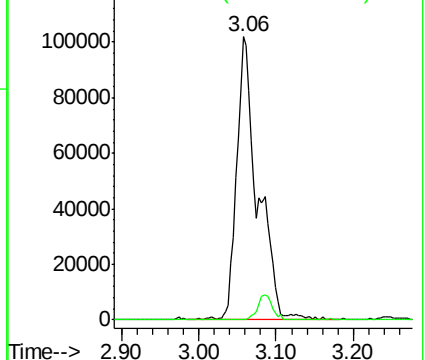
51 100

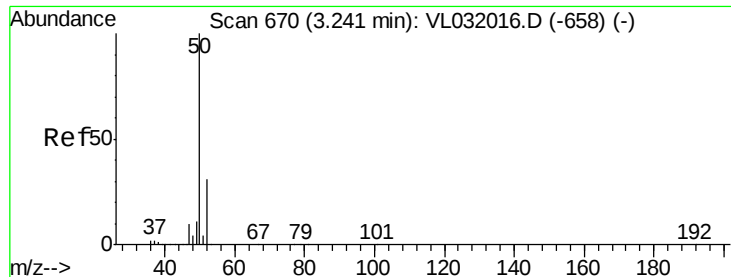
67 6.5 17.2 25.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.57 ppbv

RT: 3.24 min Scan# 671

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

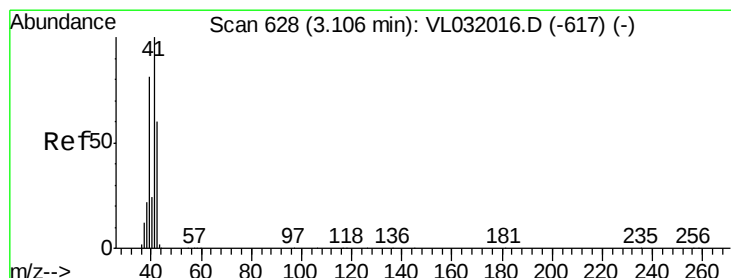
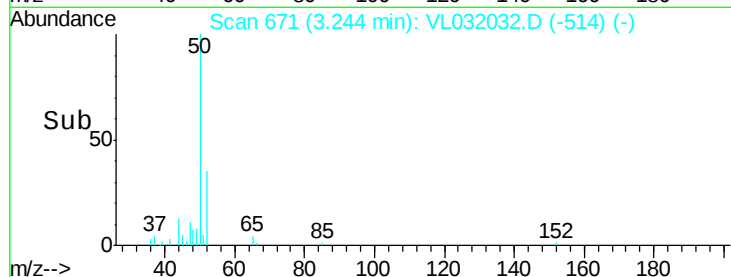
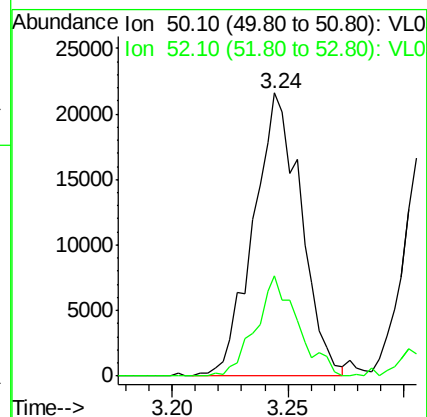
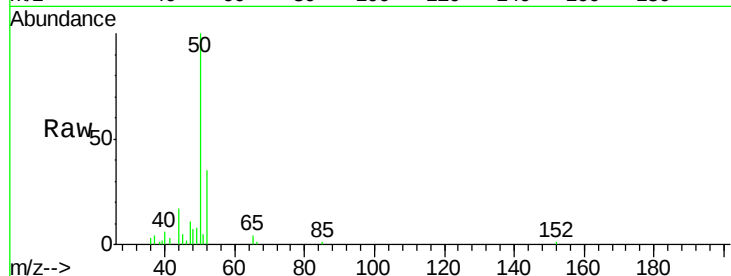
LIHA-IA1-052518

Tgt Ion: 50 Resp: 30856

Ion Ratio Lower Upper

50 100

52 35.4 25.0 37.6



#9

Propene

Concen: 30.89 ppbv

RT: 3.31 min Scan# 692

Delta R.T. 0.21 min

Lab File: VL032032.D

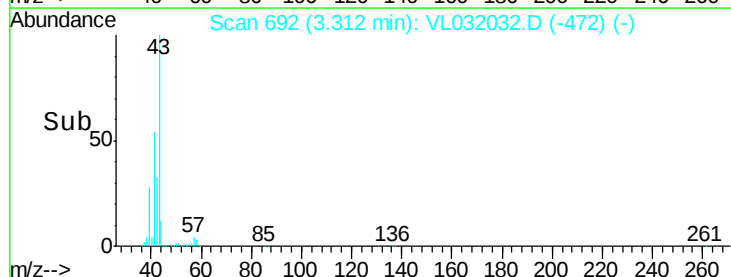
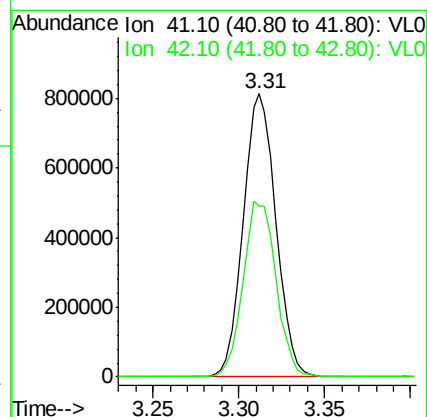
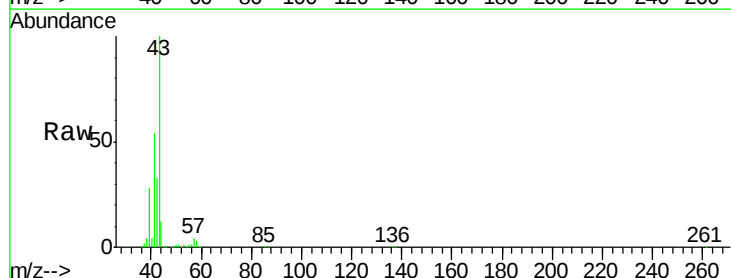
Acq: 1 Jun 2018 22:14

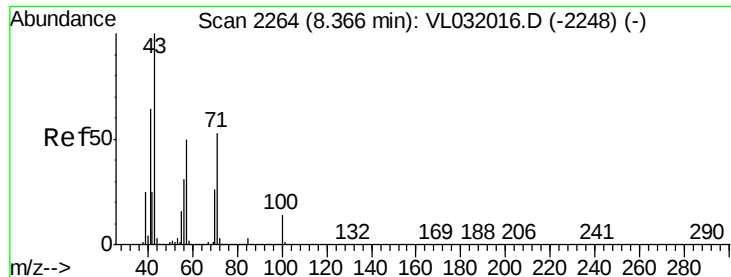
Tgt Ion: 41 Resp: 1074052

Ion Ratio Lower Upper

41 100

42 62.6 54.4 81.6





#10

Heptane

Concen: 0.65 ppbv

RT: 8.37 min Scan# 2264

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

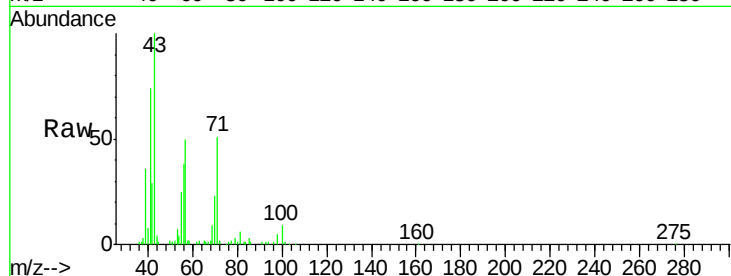
LIHA-IA1-052518

Tgt Ion: 43 Resp: 80109

Ion Ratio Lower Upper

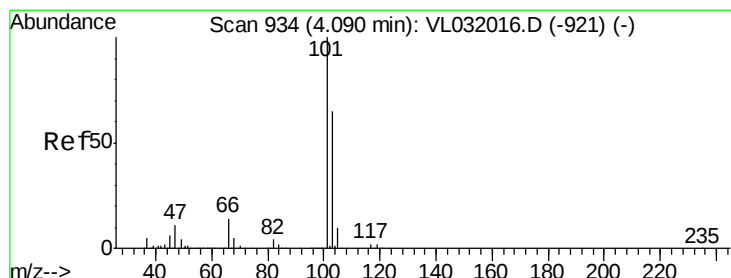
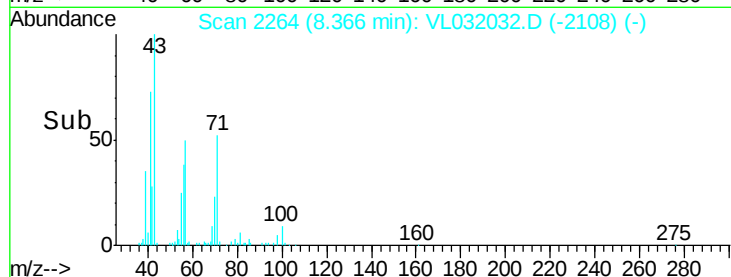
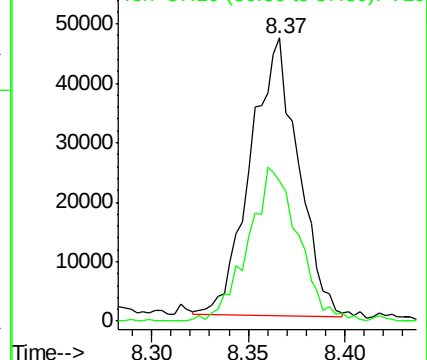
43 100

57 58.7 41.7 62.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.21 ppbv

RT: 4.09 min Scan# 934

Delta R.T. 0.00 min

Lab File: VL032032.D

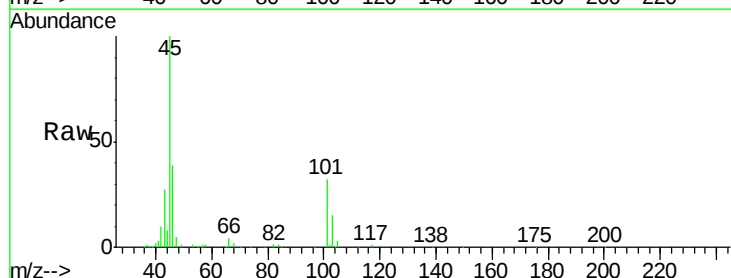
Acq: 1 Jun 2018 22:14

Tgt Ion: 101 Resp: 44072

Ion Ratio Lower Upper

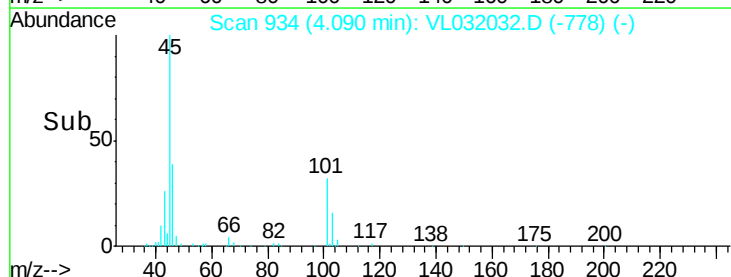
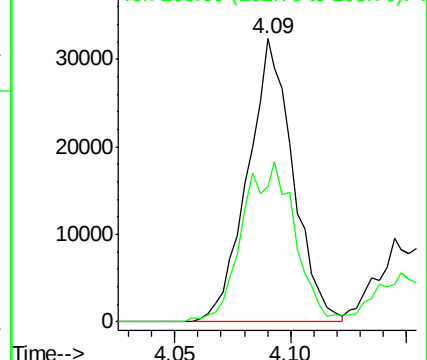
101 100

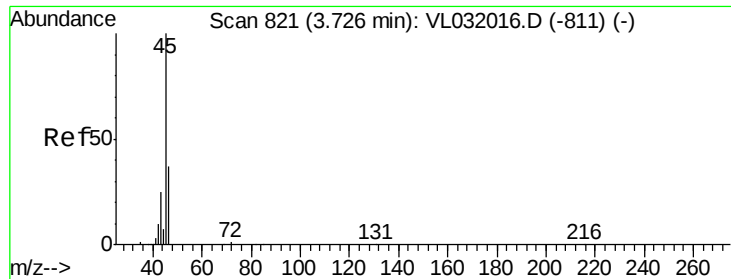
103 46.2 52.0 78.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

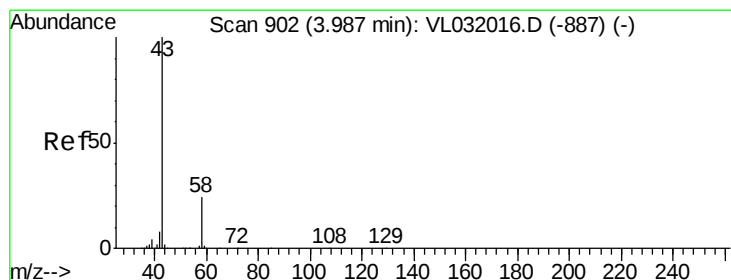
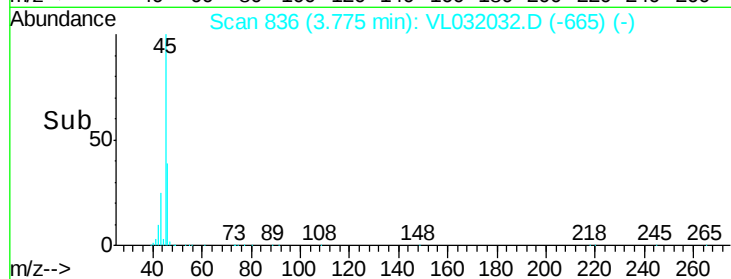
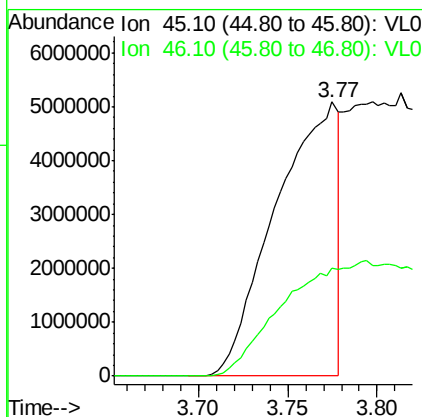
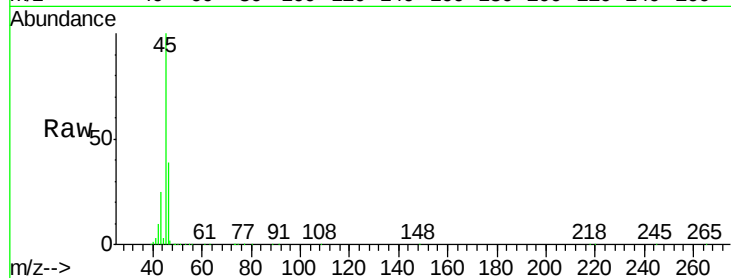




#13
Ethanol
Concen: 910.35 ppbv
RT: 3.77 min Scan# 836
Delta R.T. 0.05 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

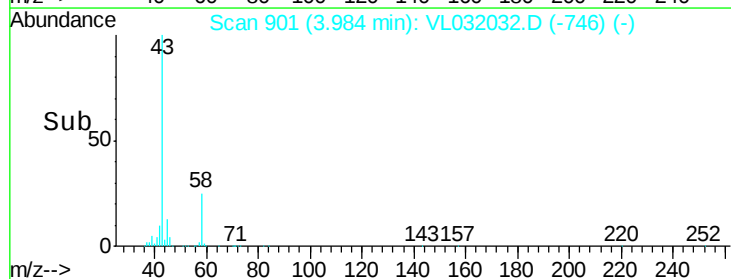
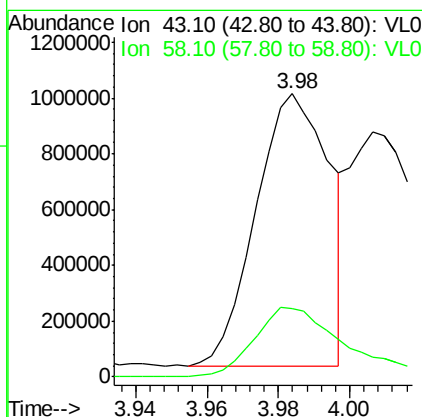
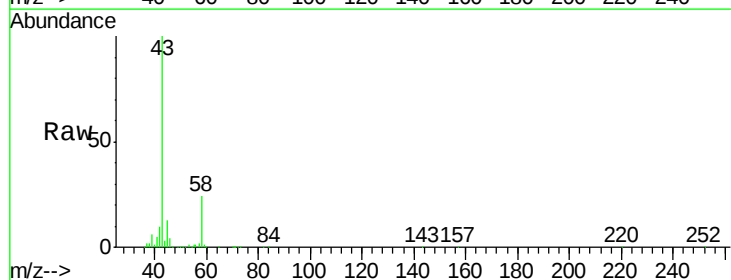
Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-052518

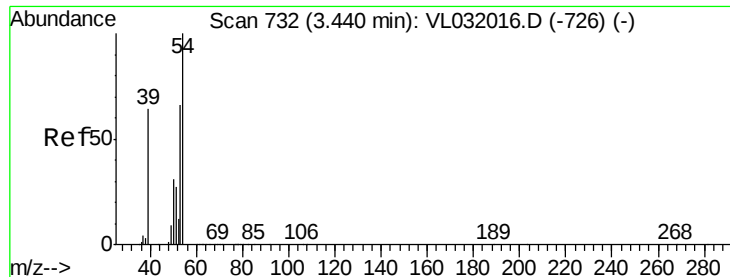
Tgt Ion: 45 Resp:12364359
Ion Ratio Lower Upper
45 100
46 0.0 14.9 59.5#



#15
Acetone
Concen: 10.20 ppbv
RT: 3.98 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

Tgt Ion: 43 Resp: 1391762
Ion Ratio Lower Upper
43 100
58 32.1 20.7 31.1#

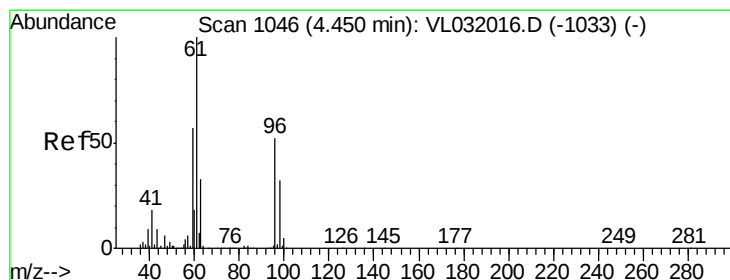
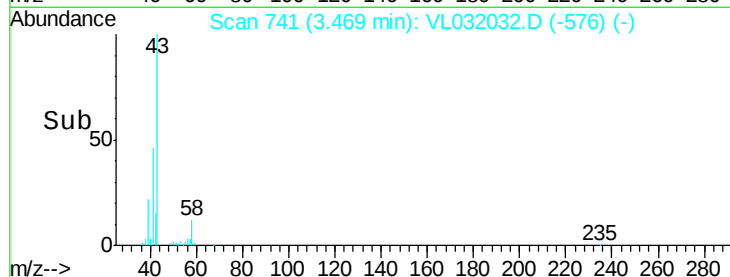
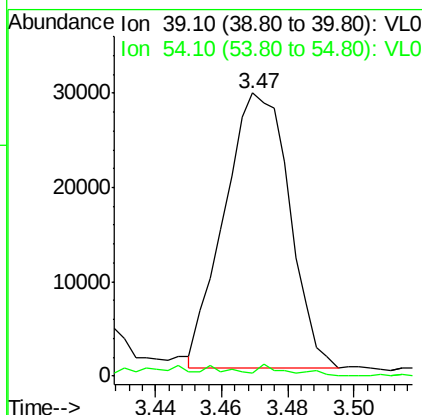
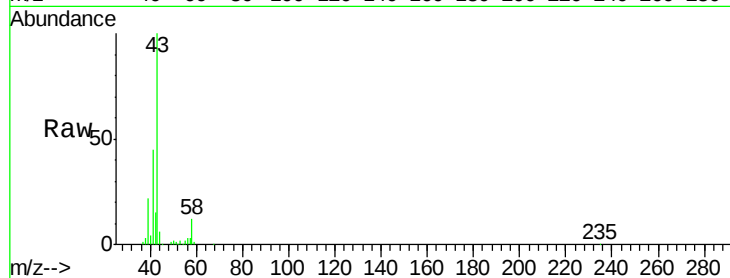




#16
1,3-Butadiene
Concen: 0.80 ppbv
RT: 3.47 min Scan# 741
Delta R.T. 0.03 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

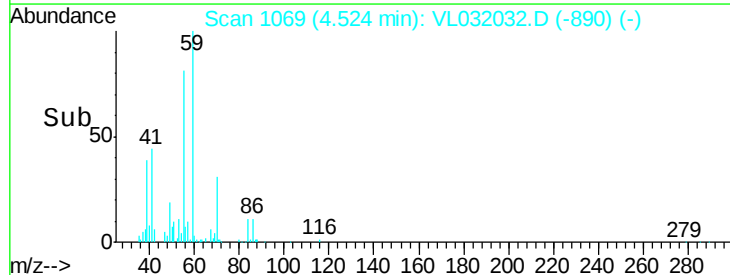
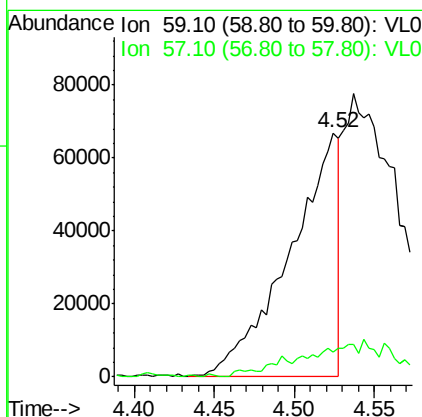
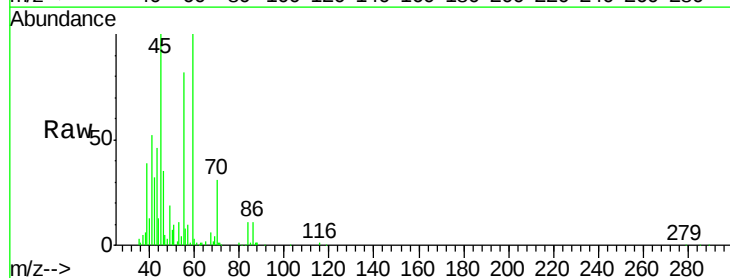
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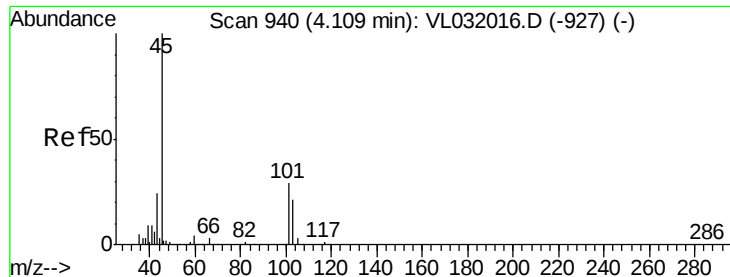
Tgt Ion: 39 Resp: 39710
Ion Ratio Lower Upper
39 100
54 2.2 65.7 98.5#



#17
tert-Butyl alcohol
Concen: 2.18 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.07 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

Tgt Ion: 59 Resp: 142880
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



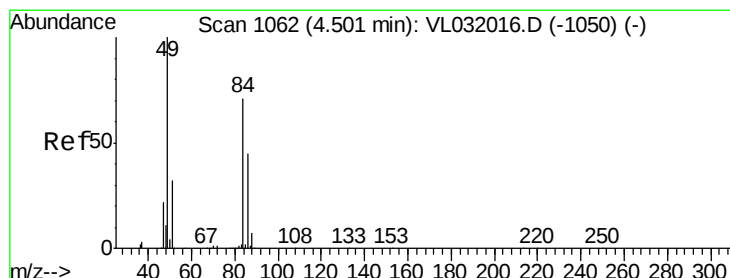
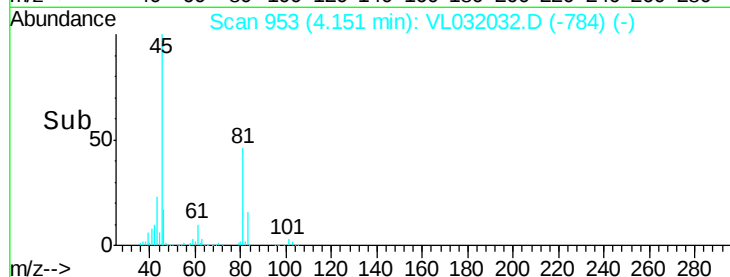
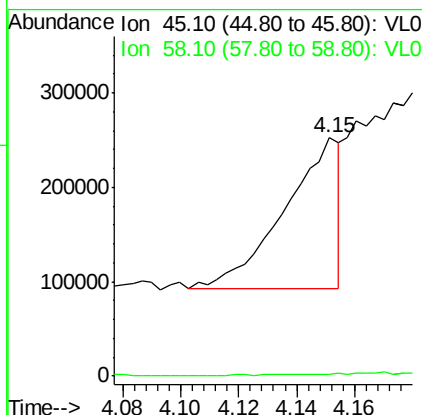
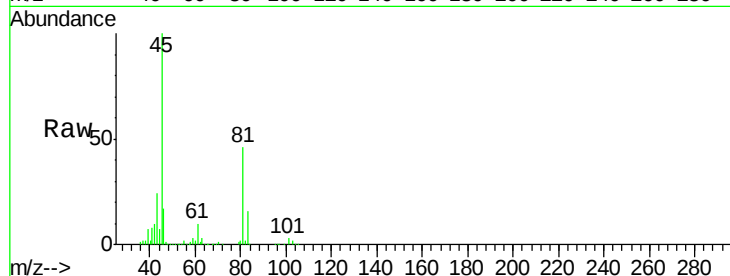


#19

Isopropyl Alcohol
 Concen: 2.33 ppbv
 RT: 4.15 min Scan# 953
 Delta R.T. 0.04 min
 Lab File: VL032032.D
 Acq: 1 Jun 2018 22:14

Instrument :
 MSVOA_L
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 LIHA-IA1-052518

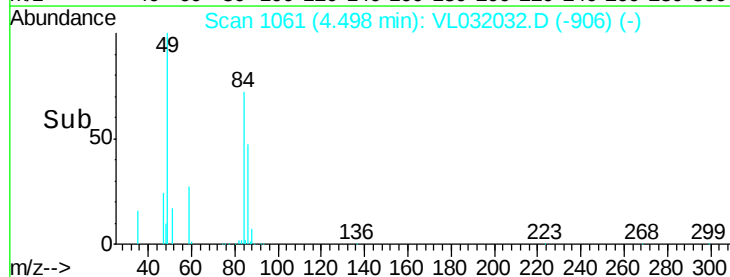
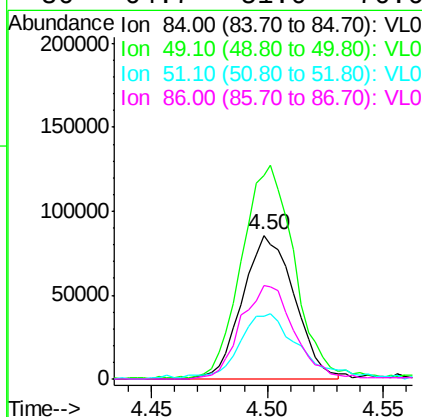
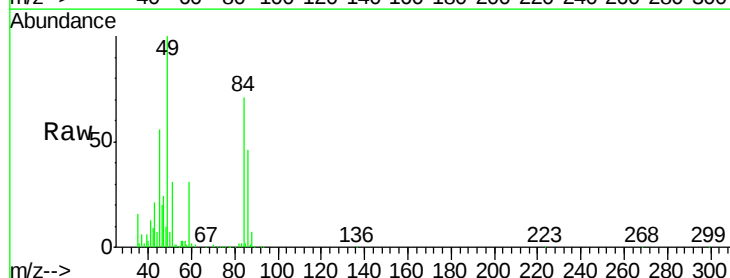
Tgt Ion: 45 Resp: 210455
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.5 2.3#

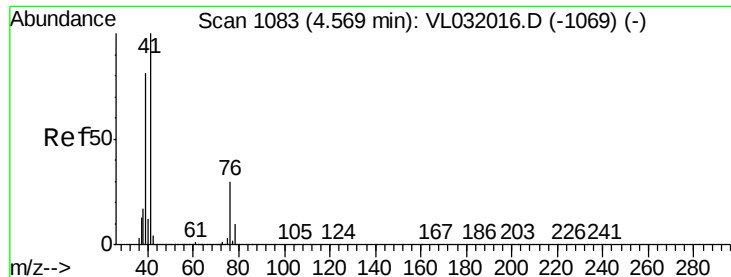


#20

Methylene Chloride
 Concen: 2.15 ppbv
 RT: 4.50 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: VL032032.D
 Acq: 1 Jun 2018 22:14

Tgt Ion: 84 Resp: 133265
 Ion Ratio Lower Upper
 84 100
 49 140.7 113.0 169.4
 51 41.5 36.4 54.6
 86 64.7 51.0 76.6





#21

Allyl Chloride

Concen: 0.21 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.05 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

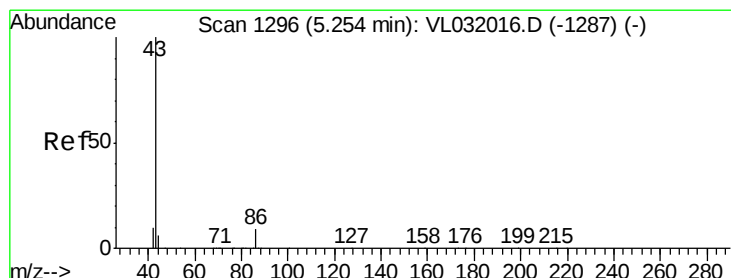
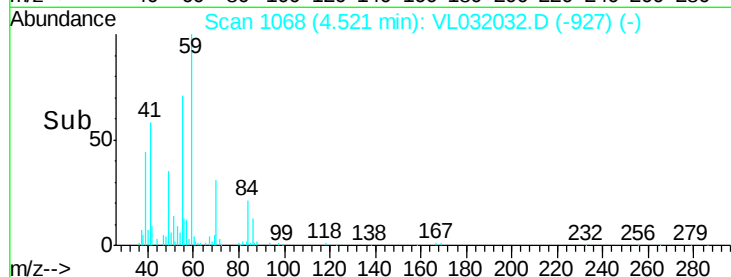
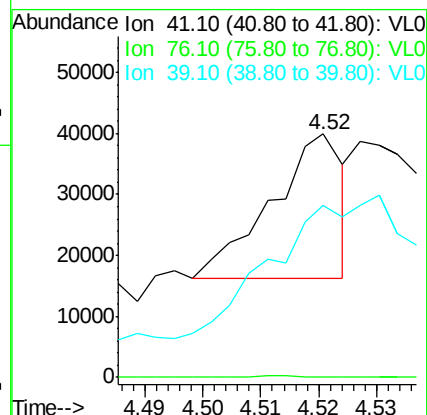
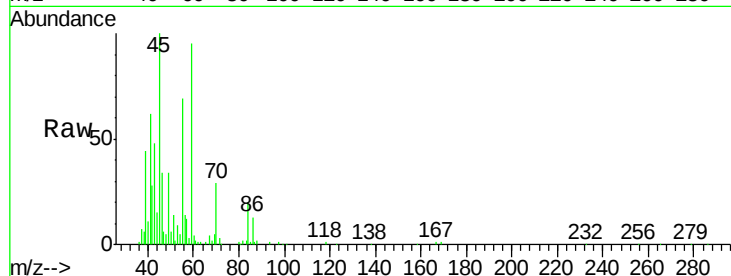
Tgt Ion: 41 Resp: 20324

Ion Ratio Lower Upper

41 100

76 128.2 23.9 35.9#

39 423.8 65.9 98.9#



#23

Vinyl Acetate

Concen: 0.86 ppbv

RT: 5.24 min Scan# 1291

Delta R.T. -0.02 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Tgt Ion: 43 Resp: 158417

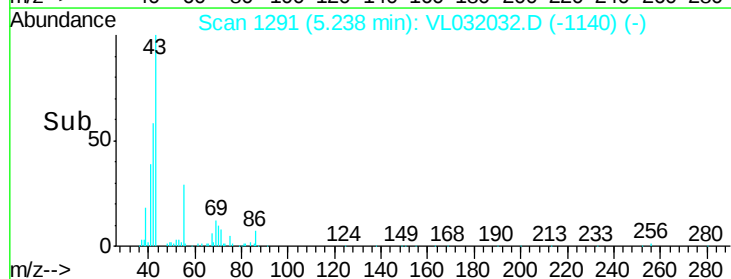
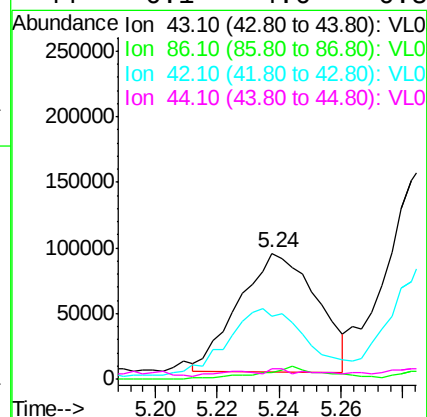
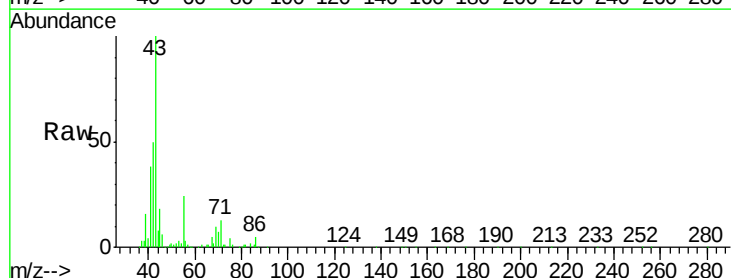
Ion Ratio Lower Upper

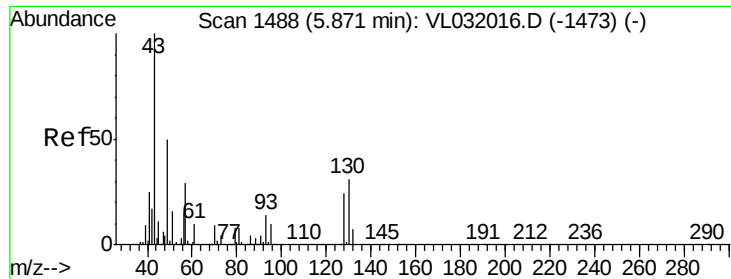
43 100

86 5.2 6.2 9.4#

42 44.7 8.7 13.1#

44 6.1 4.6 6.8

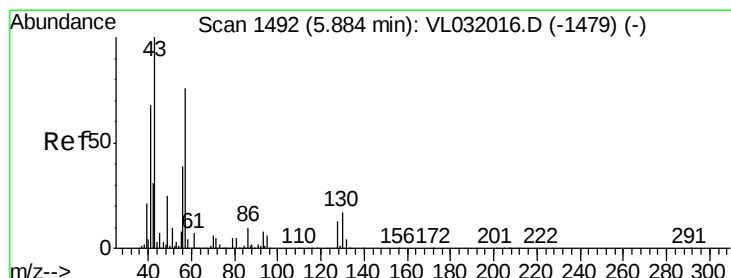
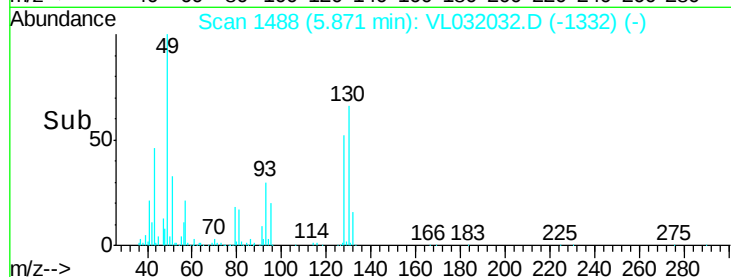
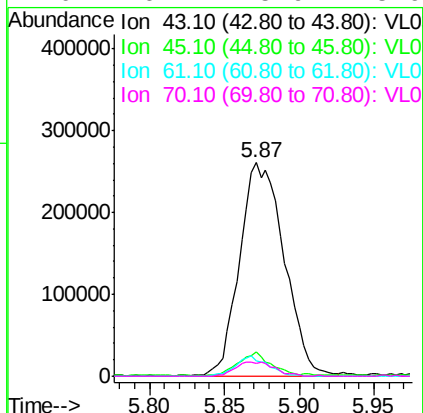
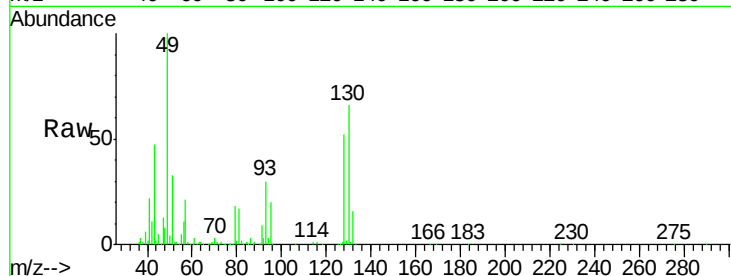




#25
Ethyl Acetate
Concen: 1.99 ppbv
RT: 5.87 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

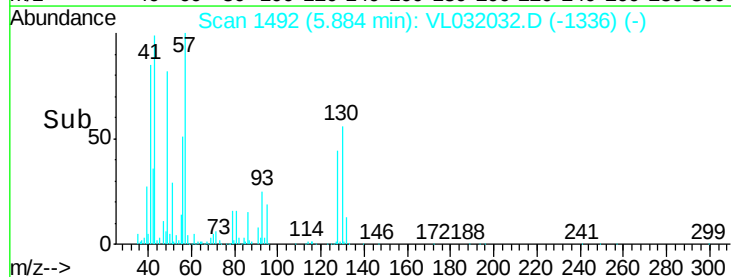
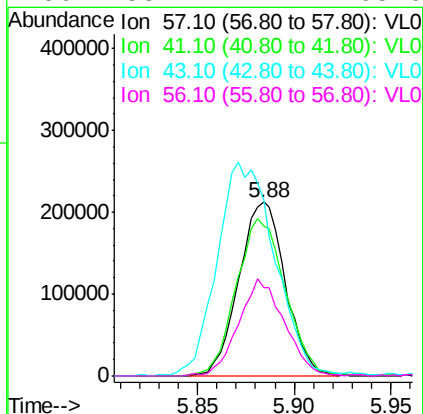
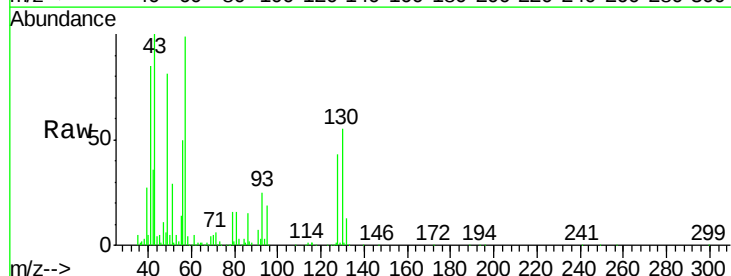
Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-052518

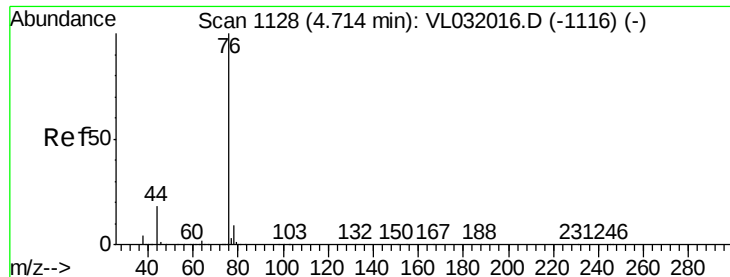
Tgt Ion:	43	Resp:	536783
Ion	Ratio	Lower	Upper
43	100		
45	8.7	7.8	11.6
61	7.1	7.4	11.2#
70	6.2	5.9	8.9



#26
Hexane
Concen: 2.81 ppbv
RT: 5.88 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

Tgt Ion:	57	Resp:	352794
Ion	Ratio	Lower	Upper
57	100		
41	96.7	71.4	107.2
43	154.0	168.6	252.8#
56	55.2	42.4	63.6





#27

Carbon Disulfide

Concen: 0.09 ppbv

RT: 4.71 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

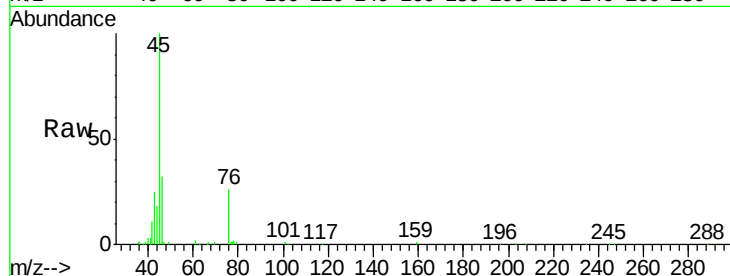
Tgt Ion: 76 Resp: 14400

Ion Ratio Lower Upper

76 100

44 40.7 14.9 22.3#

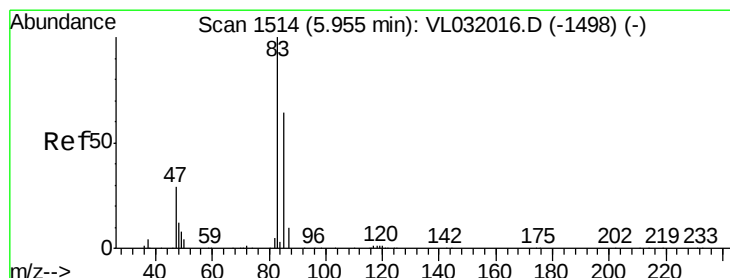
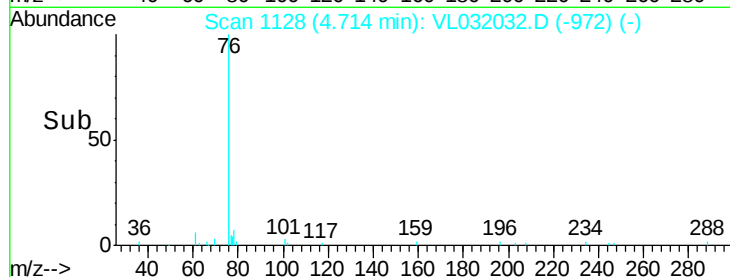
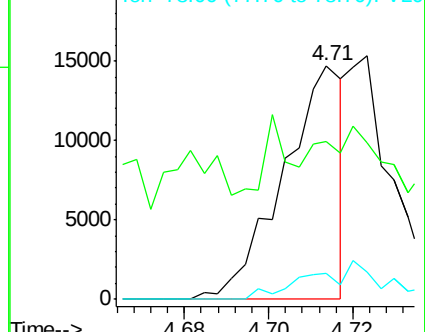
78 0.0 7.6 11.4#



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



#29

Chloroform

Concen: 0.26 ppbv

RT: 5.95 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VL032032.D

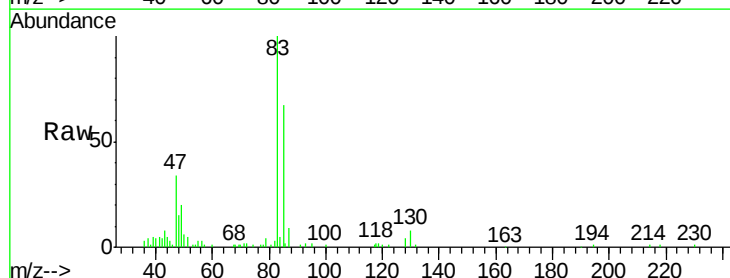
Acq: 1 Jun 2018 22:14

Tgt Ion: 83 Resp: 54694

Ion Ratio Lower Upper

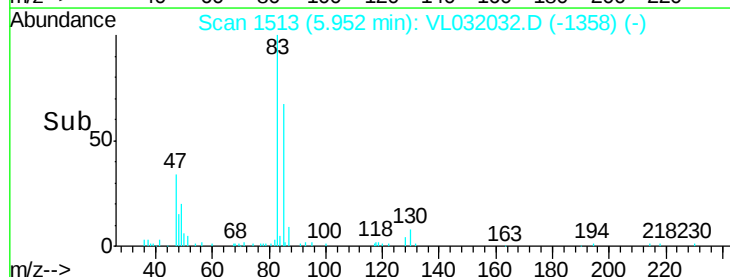
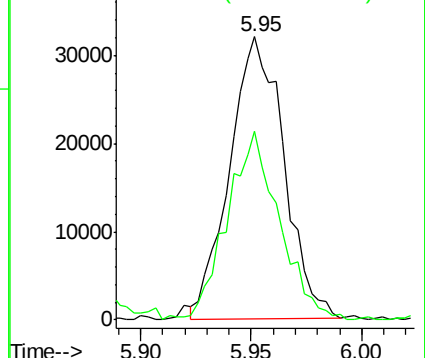
83 100

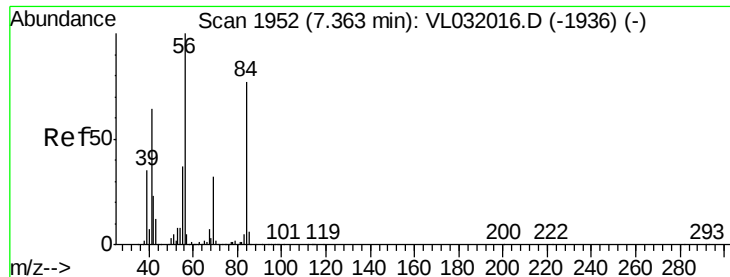
85 65.7 50.9 76.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

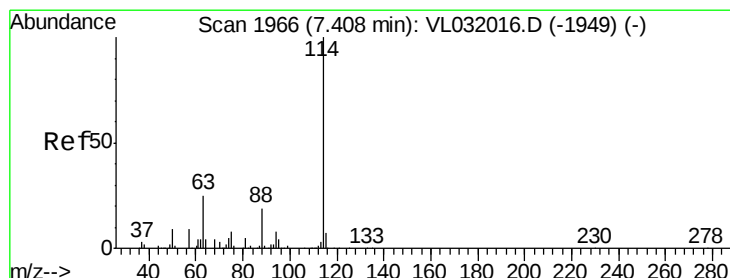
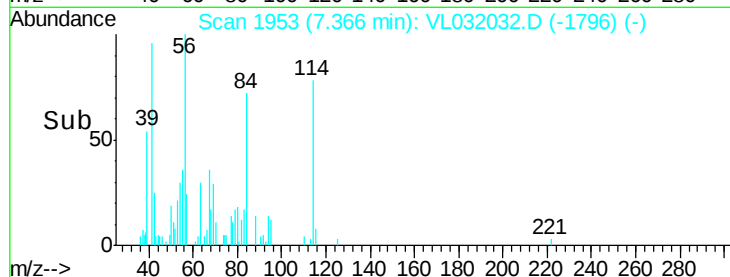
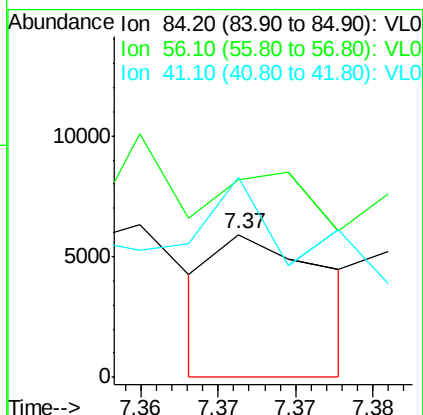
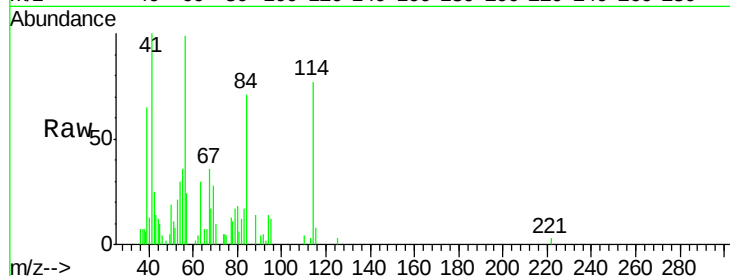




#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.37 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

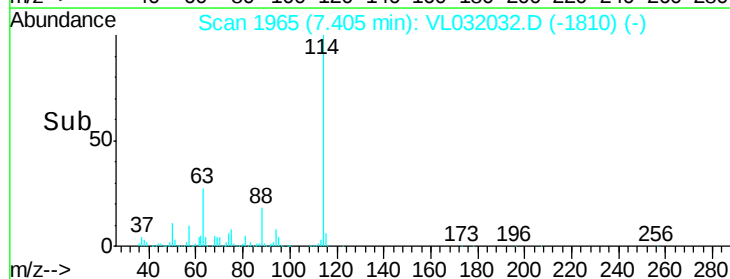
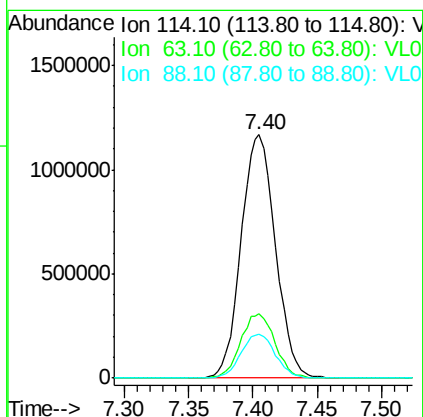
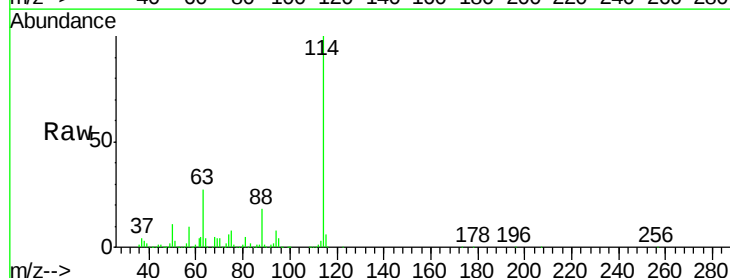
Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-052518

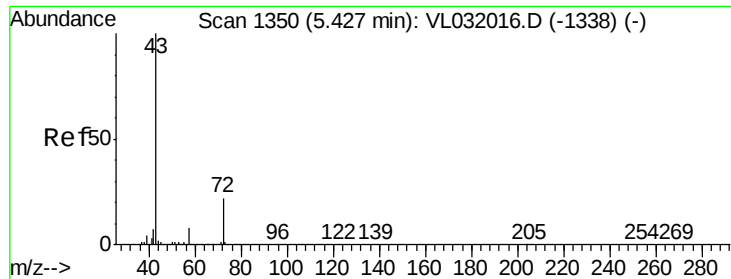
Tgt Ion: 84 Resp: 2946
Ion Ratio Lower Upper
84 100
56 0.0 108.6 162.8#
41 538.7 66.8 100.2#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.40 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

Tgt Ion: 114 Resp: 2162639
Ion Ratio Lower Upper
114 100
63 26.6 21.1 31.7
88 18.2 14.8 22.2

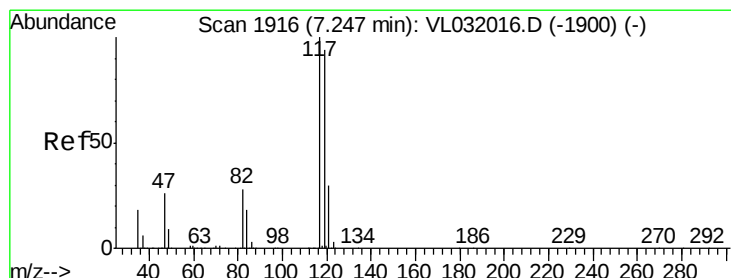
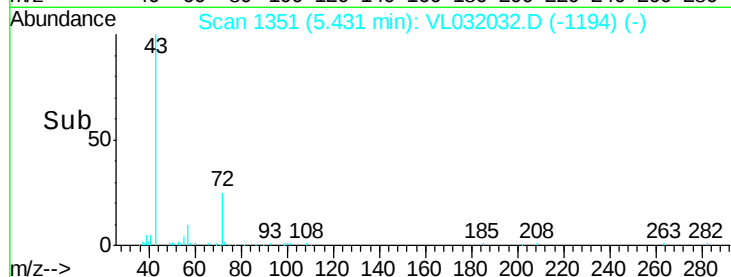
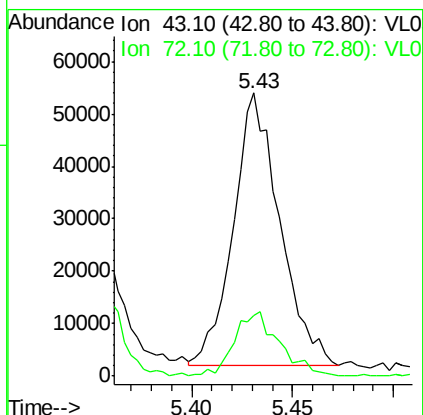
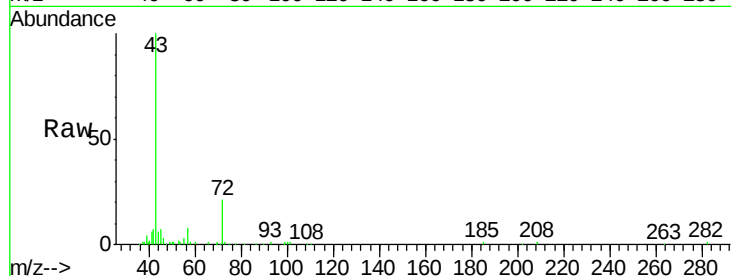




#34
2-Butanone
Concen: 0.49 ppbv
RT: 5.43 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

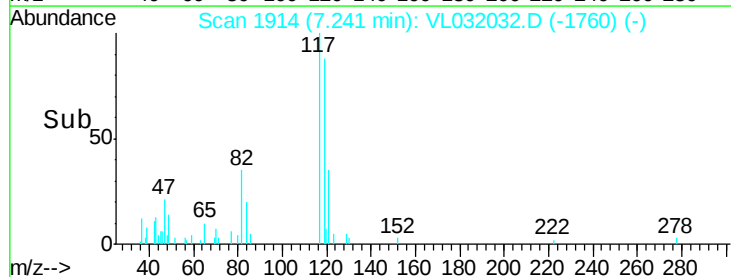
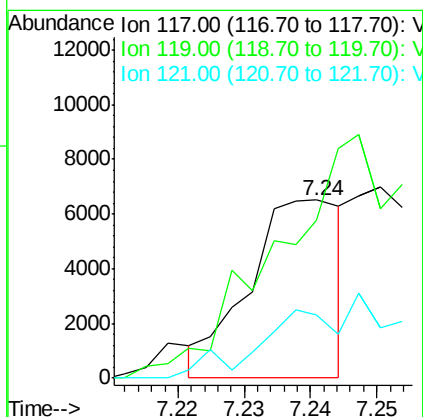
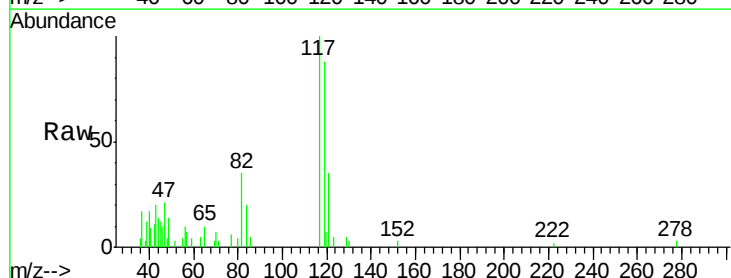
Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-052518

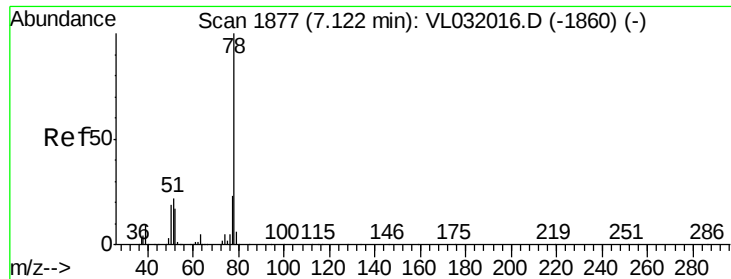
Tgt Ion: 43 Resp: 83679
Ion Ratio Lower Upper
43 100
72 23.4 18.6 27.8



#35
Carbon Tetrachloride
Concen: 0.03 ppbv
RT: 7.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VL032032.D
Acq: 1 Jun 2018 22:14

Tgt Ion: 117 Resp: 6317
Ion Ratio Lower Upper
117 100
119 87.5 75.3 112.9
121 37.4 24.1 36.1#





#36

Benzene

Concen: 0.73 ppbv

RT: 7.12 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

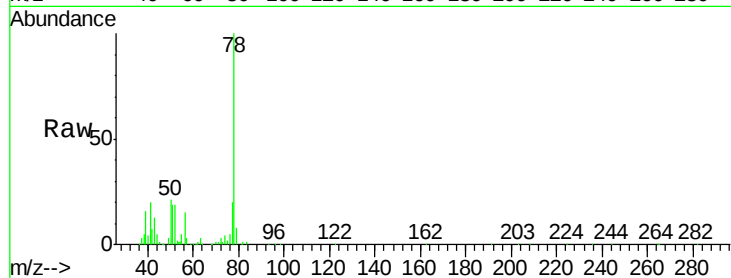
Tgt Ion: 78 Resp: 138607

Ion Ratio Lower Upper

78 100

77 19.4 18.1 27.1

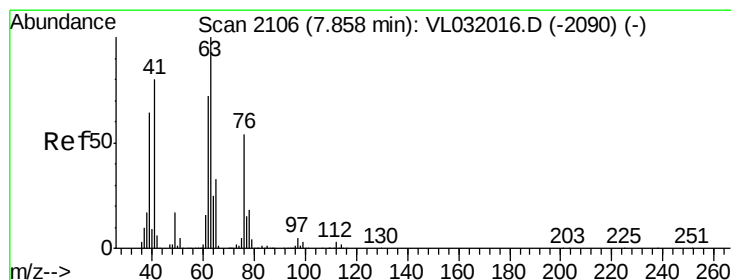
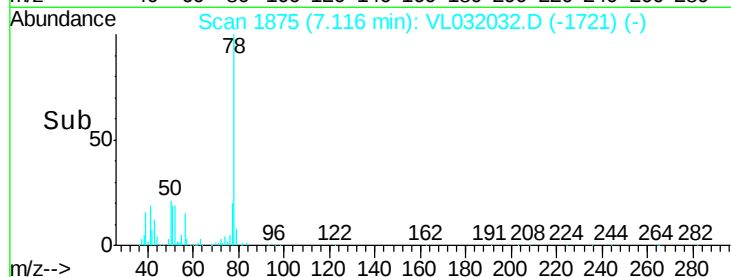
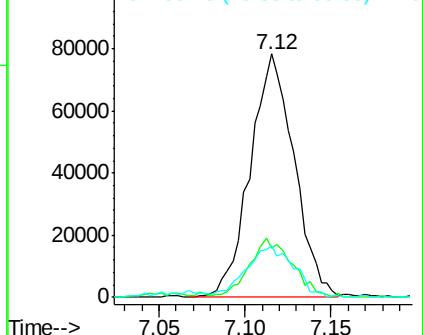
50 20.9 14.9 22.3



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 8.06 ppbv

RT: 7.40 min Scan# 1965

Delta R.T. -0.45 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

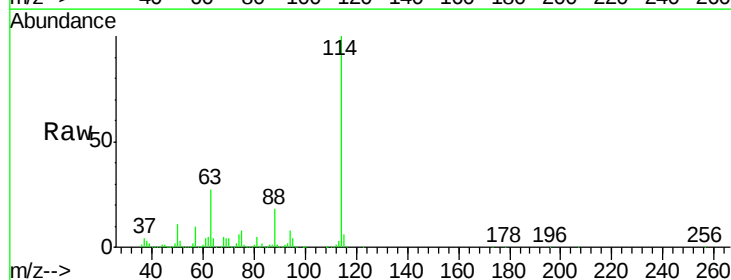
Tgt Ion: 63 Resp: 564936

Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

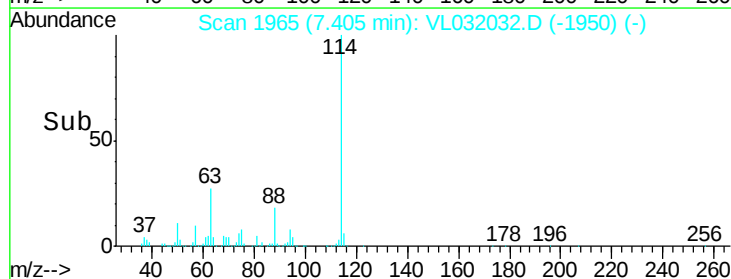
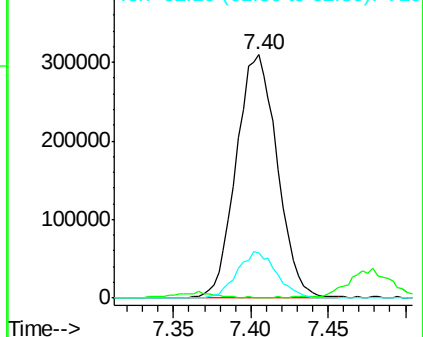
62 18.9 57.6 86.4#

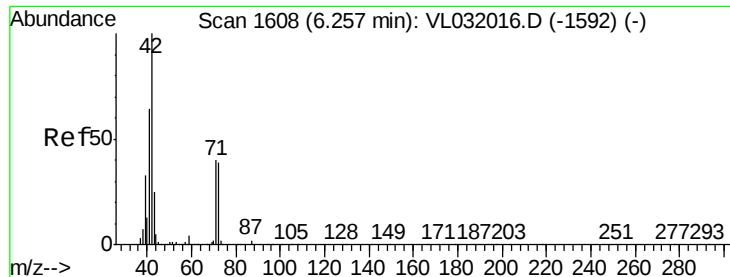


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.05 ppbv

RT: 6.27 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

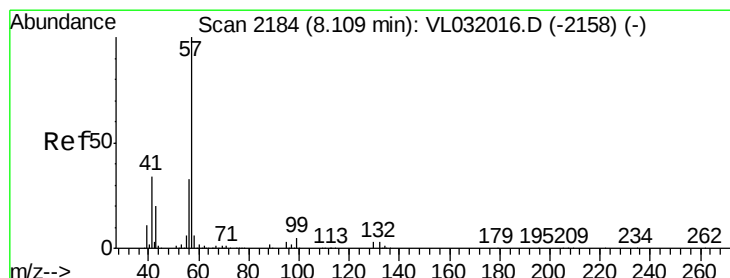
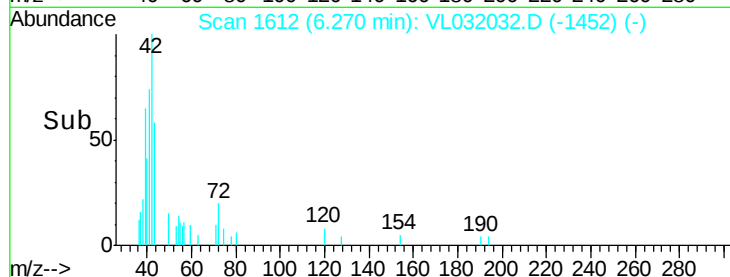
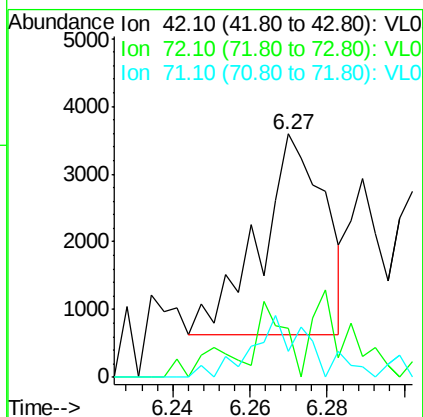
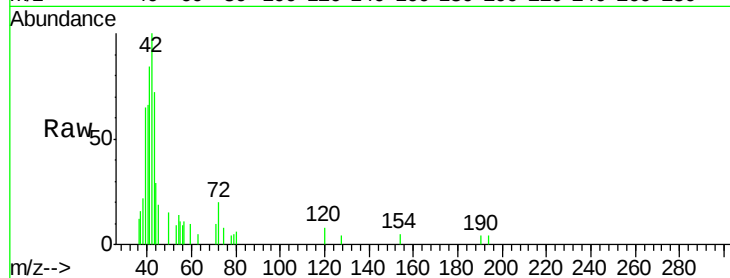
Tgt Ion: 42 Resp: 3448

Ion Ratio Lower Upper

42 100

72 55.7 32.3 48.5#

71 30.4 32.3 48.5#



#44

2,2,4-Trimethylpentane

Concen: 1.50 ppbv

RT: 8.11 min Scan# 2183

Delta R.T. -0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

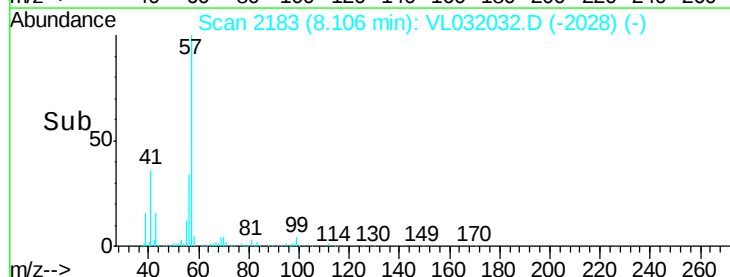
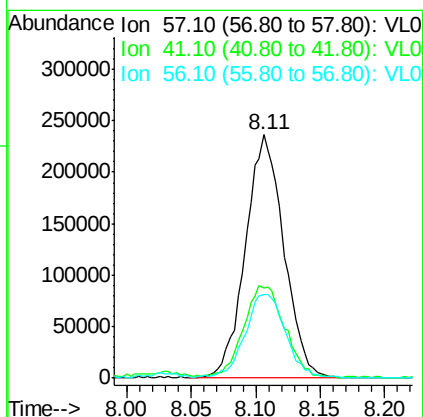
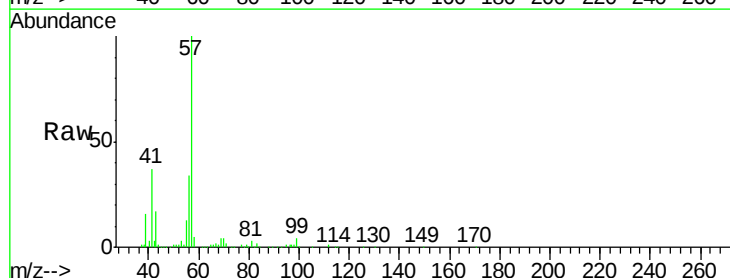
Tgt Ion: 57 Resp: 487733

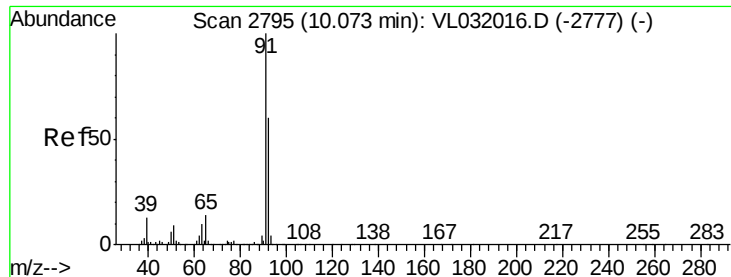
Ion Ratio Lower Upper

57 100

41 41.0 26.6 40.0#

56 36.7 24.9 37.3





#53

Toluene

Concen: 5.29 ppbv

RT: 10.07 min Scan# 2793

Delta R.T. -0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

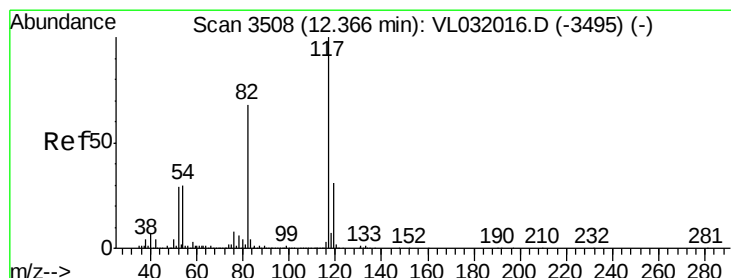
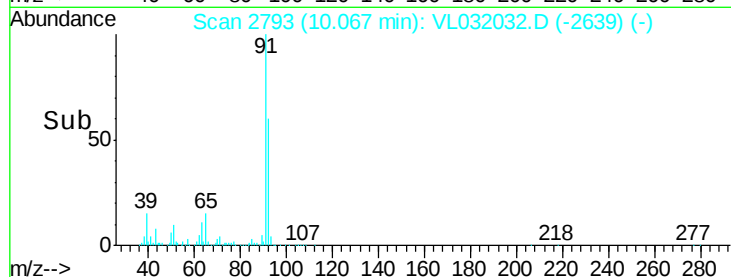
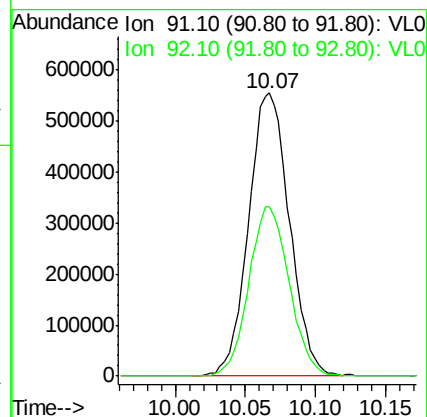
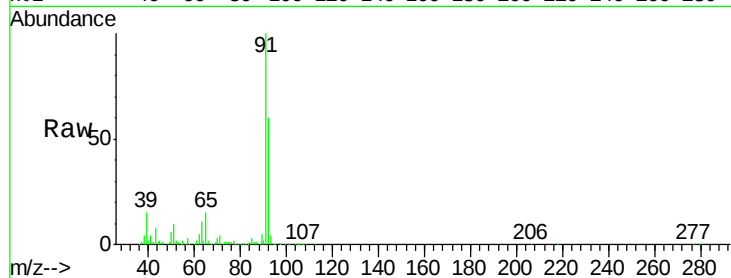
LIHA-IA1-052518

Tgt Ion: 91 Resp: 1125642

Ion Ratio Lower Upper

91 100

92 59.2 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.37 min Scan# 3508

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

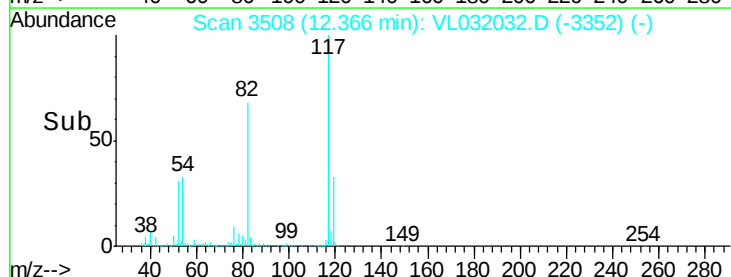
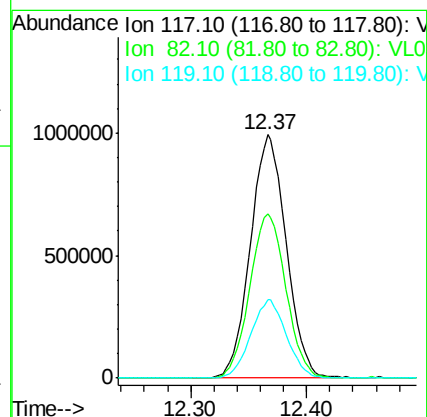
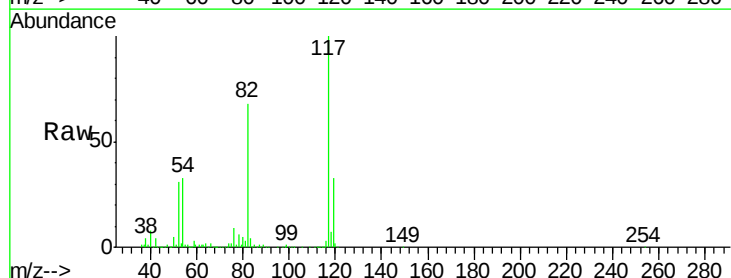
Tgt Ion: 117 Resp: 2137684

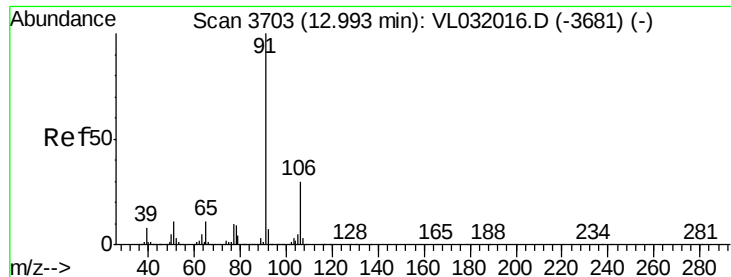
Ion Ratio Lower Upper

117 100

82 68.3 52.7 79.1

119 32.2 25.5 38.3





#58

Ethyl Benzene

Concen: 0.15 ppbv

RT: 12.99 min Scan# 3701

Delta R.T. -0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

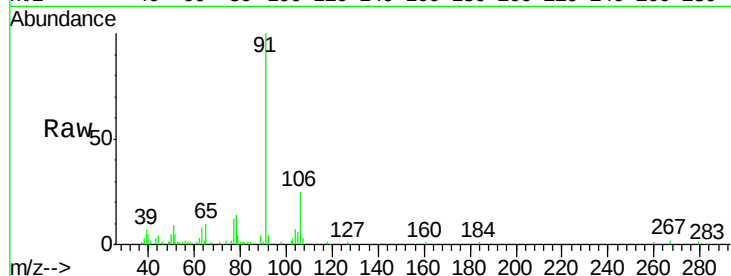
LIHA-IA1-052518

Tgt Ion: 91 Resp: 44179

Ion Ratio Lower Upper

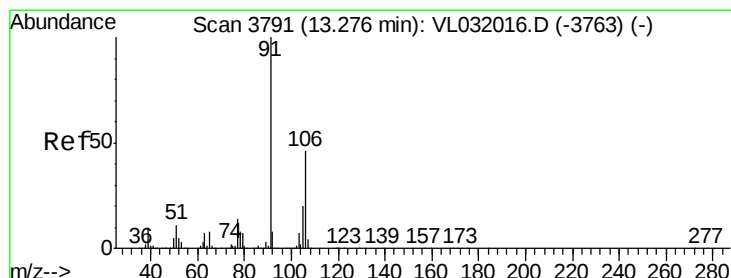
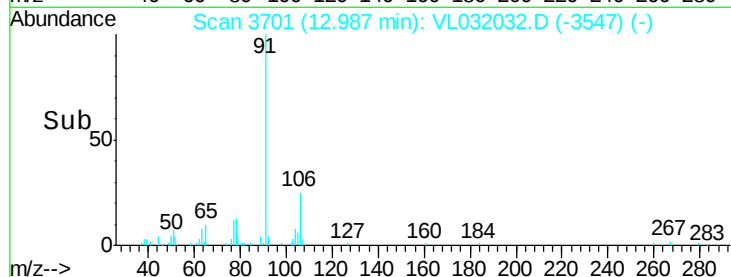
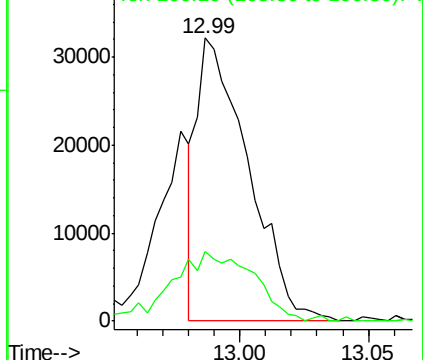
91 100

106 24.7 24.2 36.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.24 ppbv

RT: 13.26 min Scan# 3787

Delta R.T. -0.01 min

Lab File: VL032032.D

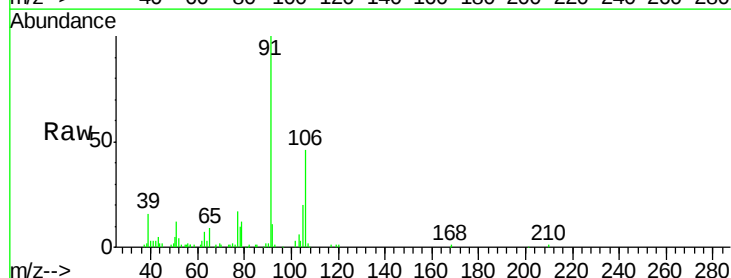
Acq: 1 Jun 2018 22:14

Tgt Ion: 91 Resp: 64181

Ion Ratio Lower Upper

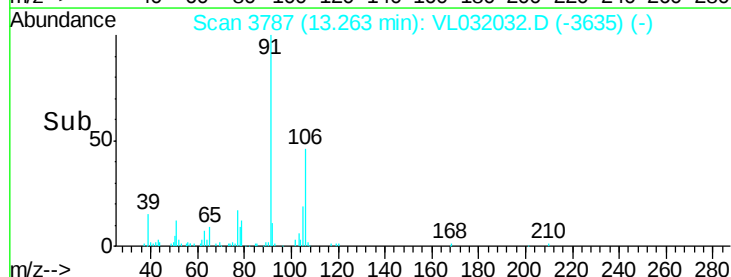
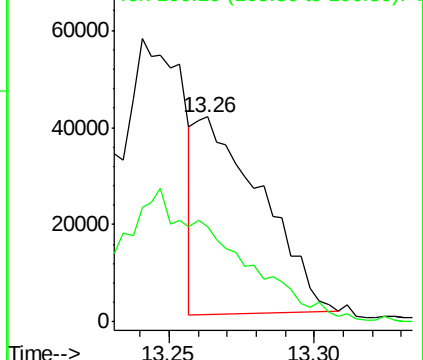
91 100

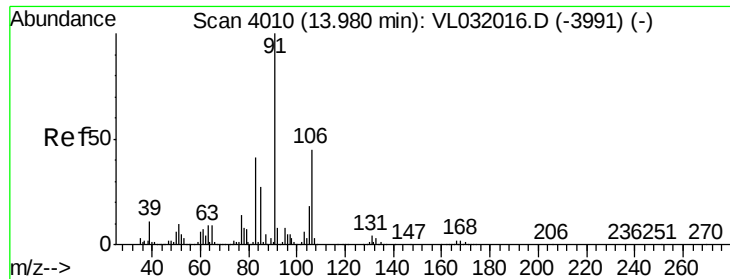
106 0.0 35.7 53.5#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 0.26 ppbv

RT: 13.97 min Scan# 4008

Delta R.T. -0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

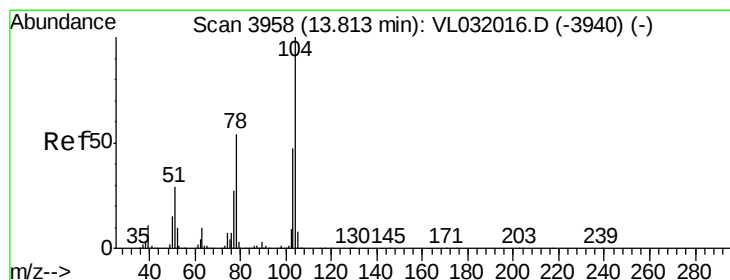
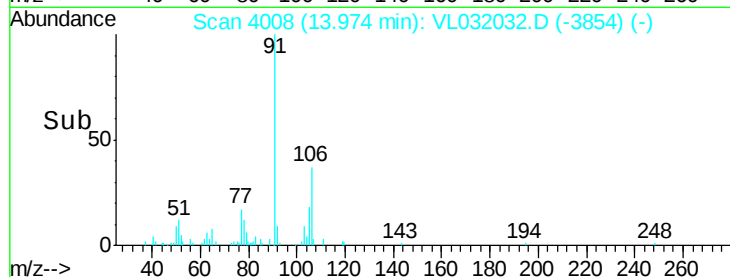
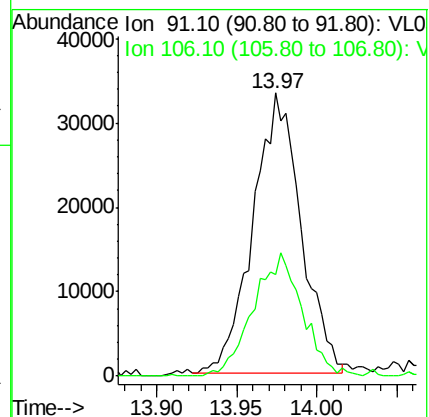
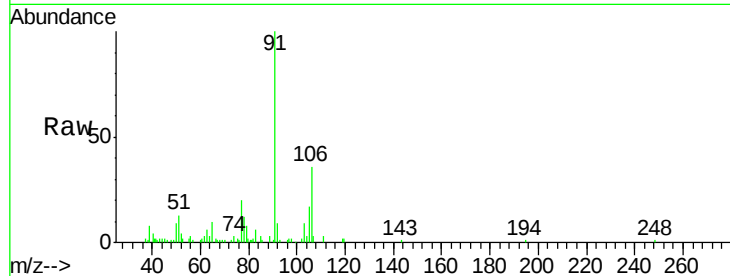
LIHA-IA1-052518

Tgt Ion: 91 Resp: 68594

Ion Ratio Lower Upper

91 100

106 45.0 21.9 65.5



#61

Styrene

Concen: 0.62 ppbv

RT: 13.82 min Scan# 3960

Delta R.T. 0.01 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

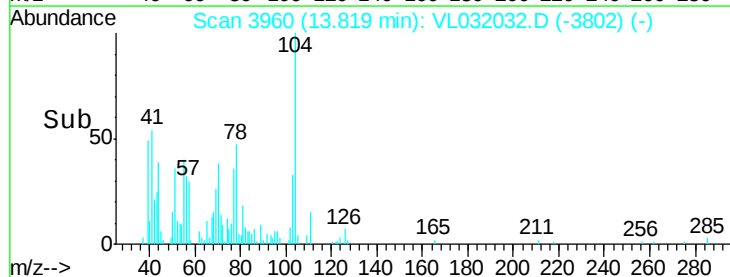
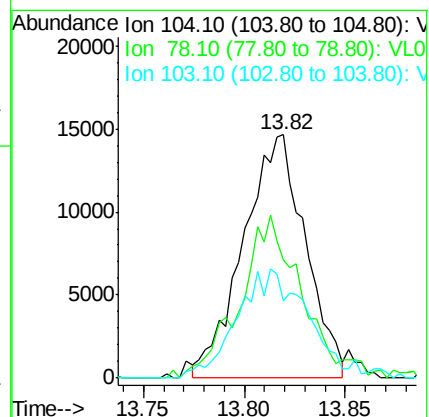
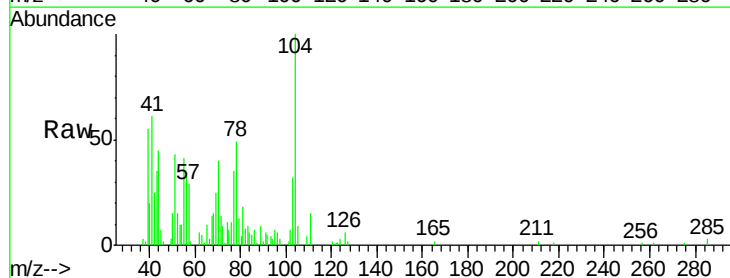
Tgt Ion: 104 Resp: 31434

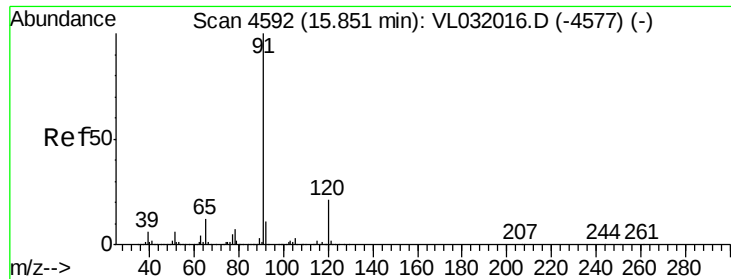
Ion Ratio Lower Upper

104 100

78 67.2 43.0 64.4#

103 51.7 37.4 56.2





#64

n-propylbenzene

Concen: 0.04 ppbv

RT: 16.06 min Scan# 4658

Delta R.T. 0.21 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Instrument :

MSVOA_L

ClientSampleId :

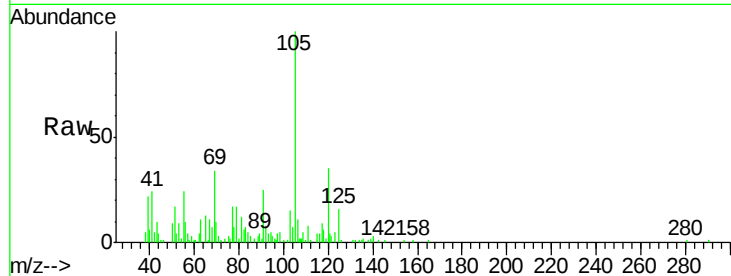
LIHA-IA1-052518

Tgt Ion:120 Resp: 3743

Ion Ratio Lower Upper

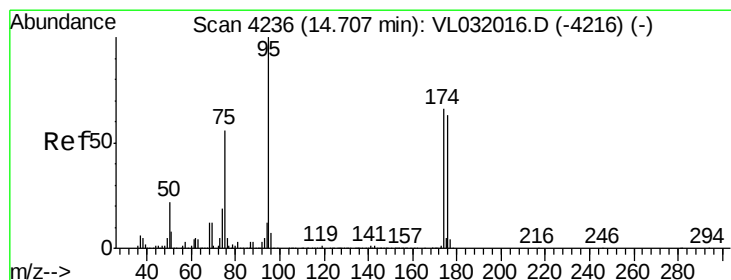
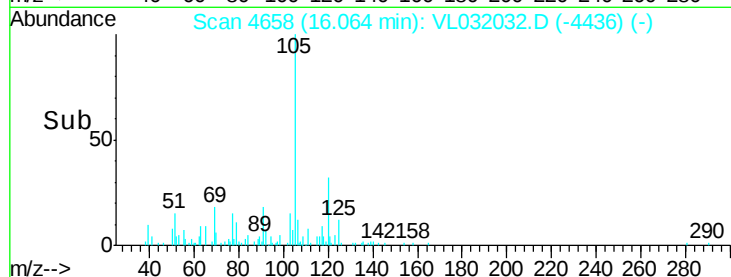
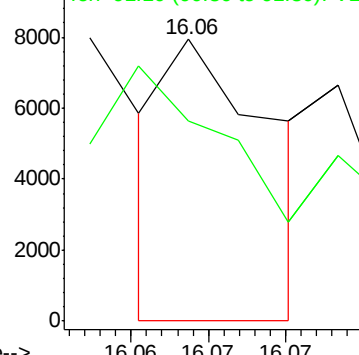
120 100

91 415.5 391.1 586.7



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 10.39 ppbv

RT: 14.71 min Scan# 4236

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

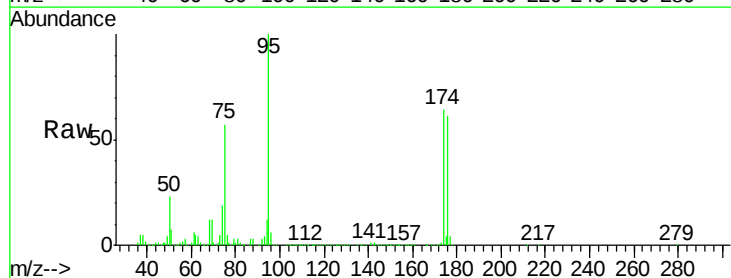
Tgt Ion: 95 Resp: 1716368

Ion Ratio Lower Upper

95 100

174 65.9 53.2 79.8

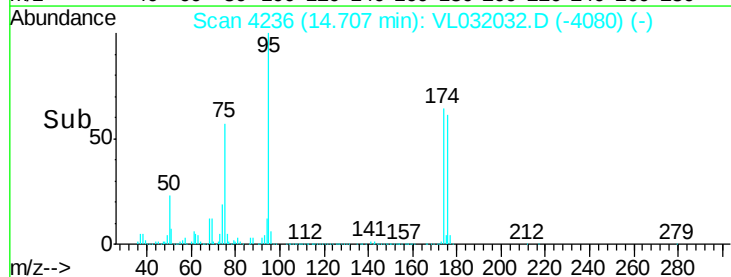
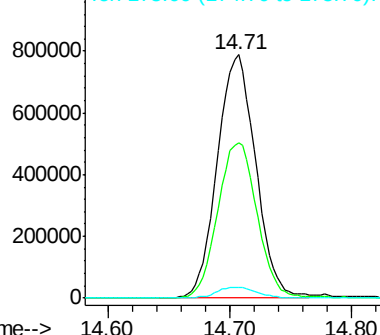
175 4.8 3.7 5.5

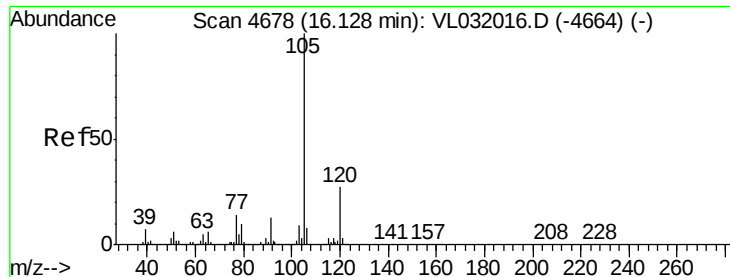


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.13 ppbv

RT: 16.13 min Scan# 4678

Delta R.T. 0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

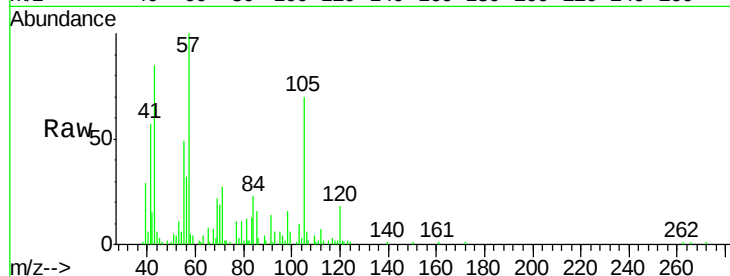
Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

Tgt Ion:	105	Resp:	34203
Ion	Ratio	Lower	Upper
105	100		
120	32.1	23.4	35.0
91	22.8	10.7	16.1#
77	16.3	11.7	17.5

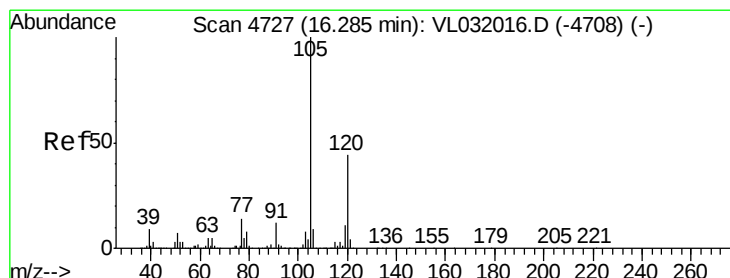
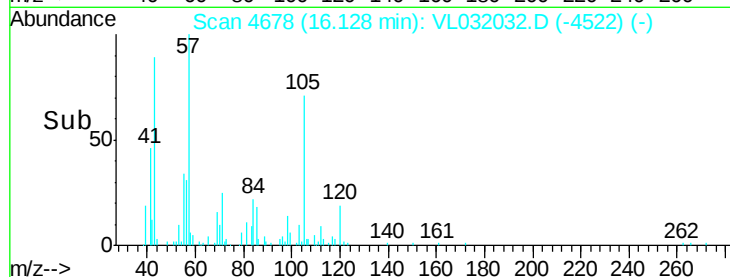
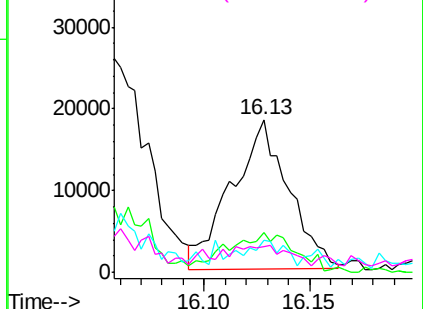


Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#73

1,3,5-Trimethylbenzene

Concen: 0.19 ppbv

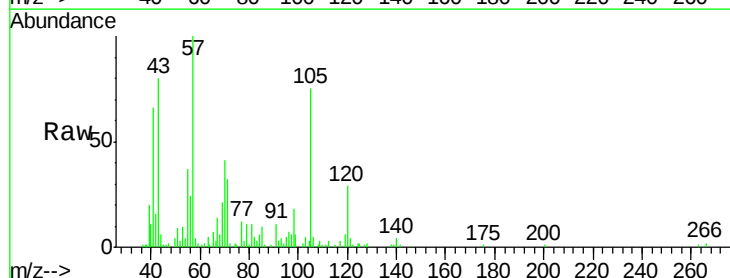
RT: 16.28 min Scan# 4726

Delta R.T. -0.00 min

Lab File: VL032032.D

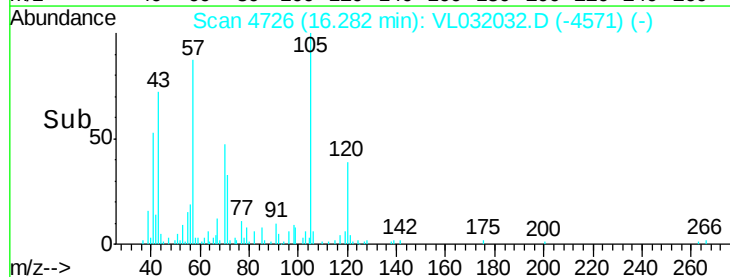
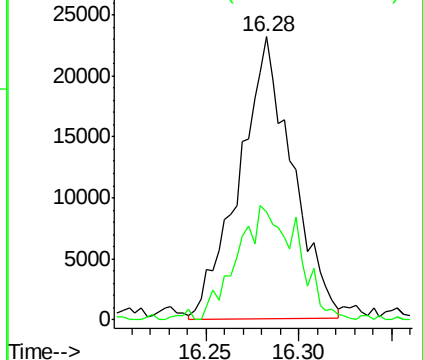
Acq: 1 Jun 2018 22:14

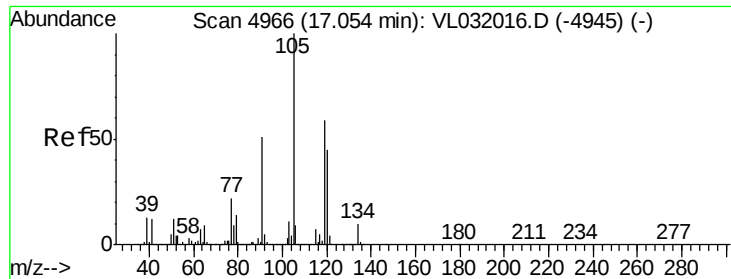
Tgt Ion:	105	Resp:	45990
Ion	Ratio	Lower	Upper
105	100		
120	36.6	35.0	52.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.47 ppbv

RT: 17.05 min Scan# 4965

Delta R.T. -0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

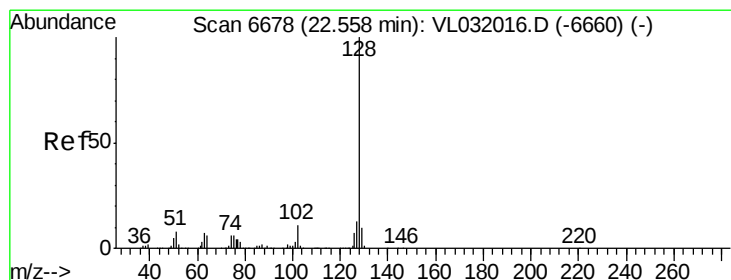
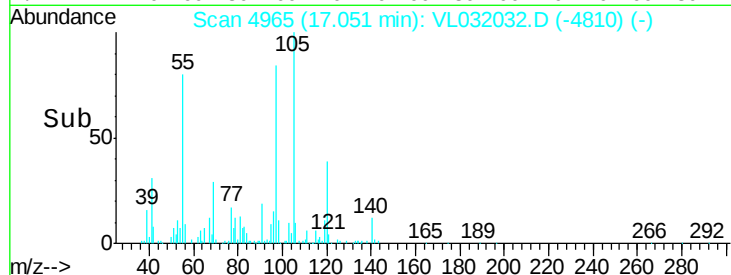
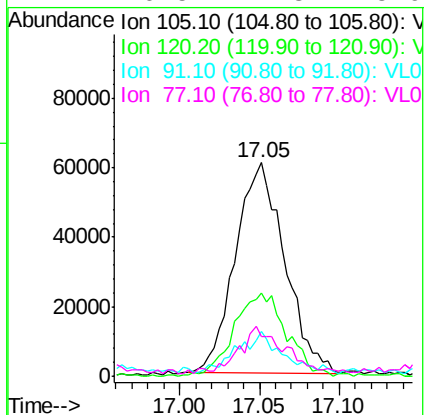
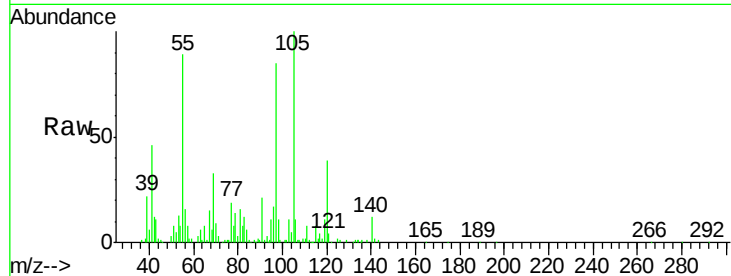
Instrument :

MSVOA_L

ClientSampleId :

LIHA-IA1-052518

Tgt Ion:	105	Resp:	128458
Ion Ratio	Lower	Upper	
105	100		
120	38.7	36.0	54.0
91	19.6	41.4	62.0#
77	16.5	17.3	25.9#



#79

Naphthalene

Concen: 0.05 ppbv

RT: 22.56 min Scan# 6677

Delta R.T. -0.00 min

Lab File: VL032032.D

Acq: 1 Jun 2018 22:14

Tgt Ion:	128	Resp:	7246
Ion Ratio	Lower	Upper	
128	100		
127	17.3	10.2	15.2#
129	29.4	8.2	12.2#

