

Data File : VL032644.D
Acq On : 17 Oct 2018 16:59
Operator : SY/AP
Sample : J5500-01 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL

Quant Time: Oct 17 17:34:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 17 08:55:11 2018
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1091830	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2583692	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	2573970	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	2029381	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds

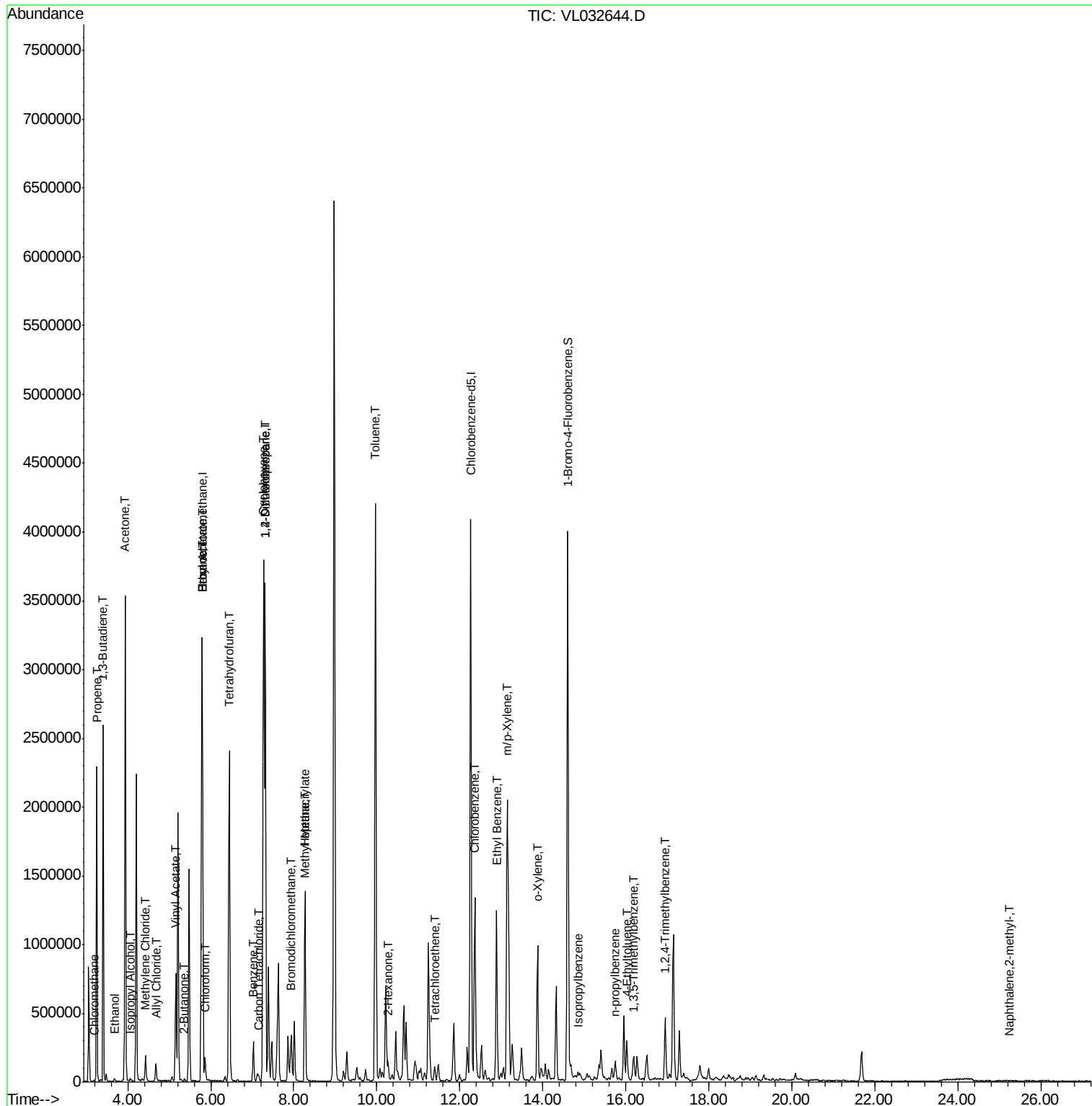
					Qvalue
2) Dichlorodifluoromethane	3.08	85	1110	Below Cal	99
4) Chloromethane	3.18	50	4182	0.084 ppbv	92
9) Propene	3.25	41	660803	19.731 ppbv	92
10) Heptane	8.27	43	571793	4.559 ppbv	99
13) Ethanol	3.68	45	14247	1.375 ppbv	84
15) Acetone	3.94	43	1310682	13.489 ppbv #	59
16) 1,3-Butadiene	3.41	39	310234	8.623 ppbv #	1
19) Isopropyl Alcohol	4.07	45	14001	0.204 ppbv #	93
20) Methylene Chloride	4.43	84	64394	1.479 ppbv	95
21) Allyl Chloride	4.68	41	32345	0.444 ppbv #	72
23) Vinyl Acetate	5.16	43	182654	1.182 ppbv #	1
25) Ethyl Acetate	5.80	43	674793	2.935 ppbv #	76
26) Hexane	5.80	57	1005883	9.713 ppbv #	43
29) Chloroform	5.86	83	102770	0.566 ppbv	86
30) Cyclohexane	7.27	84	1346670	16.490 ppbv	99
34) 2-Butanone	5.36	43	12166	0.085 ppbv #	76
35) Carbon Tetrachloride	7.16	117	12318	0.062 ppbv	94
36) Benzene	7.03	78	229448	1.096 ppbv	99
39) 1,2-Dichloropropane	7.31	63	697395	8.186 ppbv #	25
41) Tetrahydrofuran	6.44	42	171521	2.254 ppbv #	36
42) Bromodichloromethane	7.94	83	15969	0.082 ppbv #	32
43) Methyl Methacrylate	8.25	69	6570	0.081 ppbv #	1
51) 2-Hexanone	10.27	43	19411	0.117 ppbv #	35
52) Tetrachloroethene	11.39	164	3240	0.047 ppbv #	1
53) Toluene	9.97	91	3299048	13.818 ppbv	100
57) Chlorobenzene	12.36	112	121249	0.619 ppbv #	35
58) Ethyl Benzene	12.89	91	1046515	3.620 ppbv	96
59) m/p-Xylene	13.14	91	2331189	9.034 ppbv	99
60) o-Xylene	13.87	91	743411	2.891 ppbv	98
62) Isopropylbenzene	14.84	105	20065	0.055 ppbv #	49
64) n-propylbenzene	15.74	120	8048	0.087 ppbv #	1
72) 4-Ethyltoluene	16.02	105	187827	0.676 ppbv	98
73) 1,3,5-Trimethylbenzene	16.18	105	101233	0.366 ppbv	90
74) 1,2,4-Trimethylbenzene	16.95	105	305147	1.003 ppbv #	78
80) Naphthalene,2-methyl-	25.23	142	40	0.741 ppbv #	69

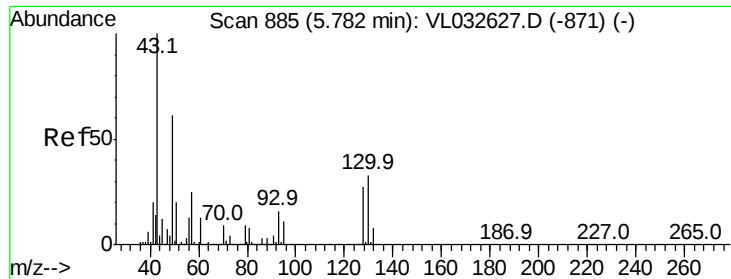
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL032644.D

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Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

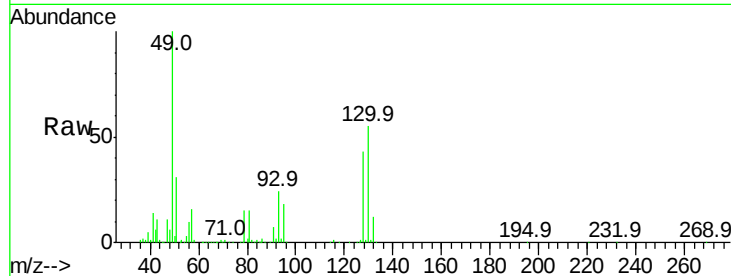
Tgt Ion: 49 Resp: 1091830

Ion Ratio Lower Upper

49 100

128 45.6 22.3 66.8

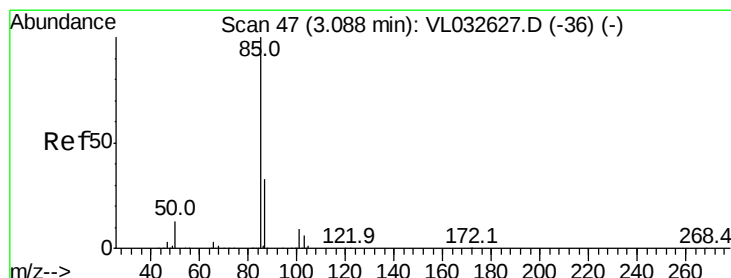
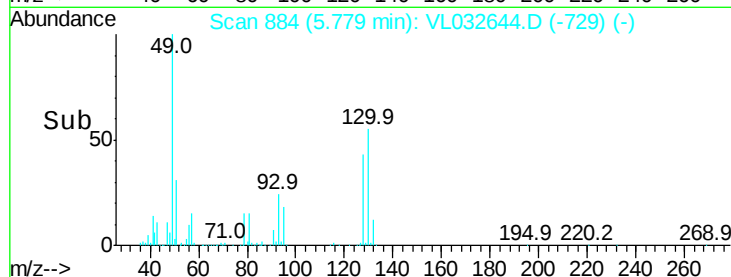
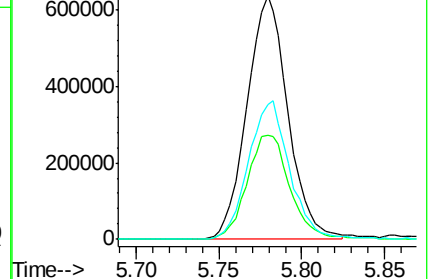
130 58.1 28.4 85.3



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



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 3.08 min Scan# 46

Delta R.T. -0.00 min

Lab File: VL032644.D

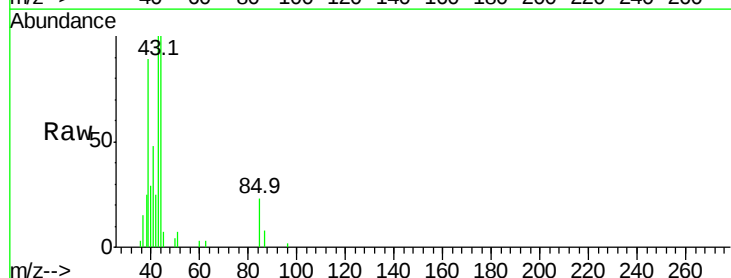
Acq: 17 Oct 2018 16:59

Tgt Ion: 85 Resp: 1110

Ion Ratio Lower Upper

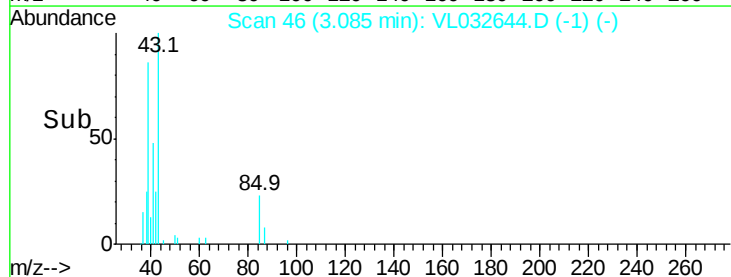
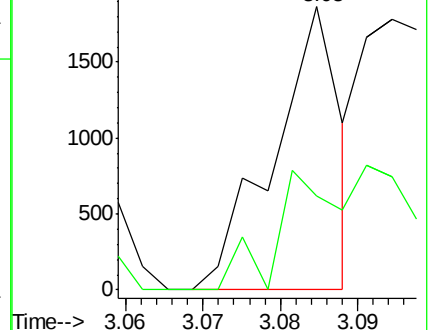
85 100

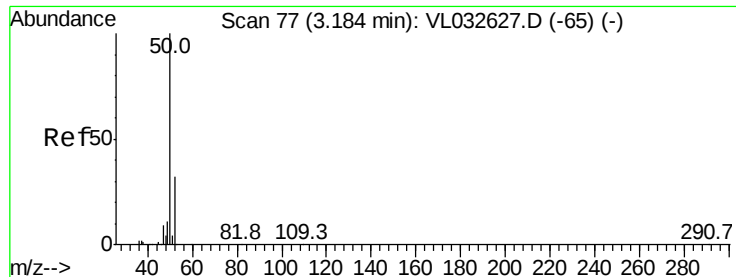
87 33.1 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.084 ppbv

RT: 3.18 min Scan# 76

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

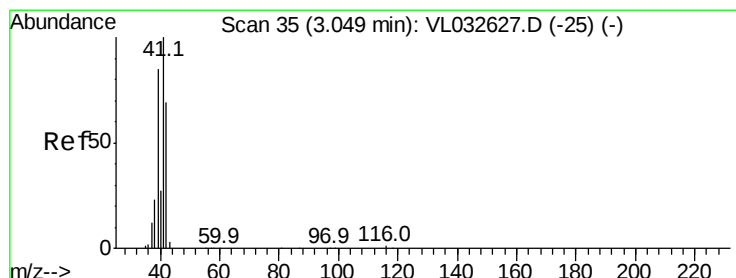
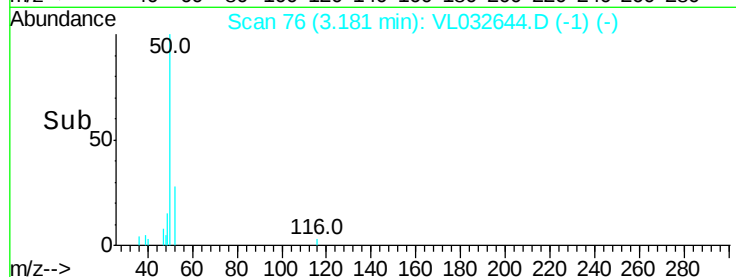
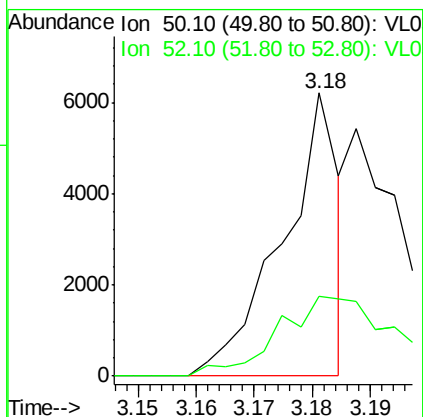
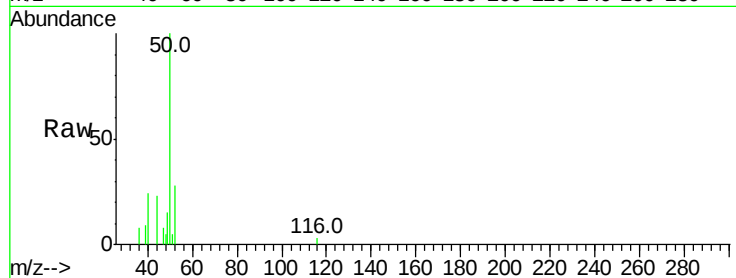
SS08-MIVIDL

Tgt Ion: 50 Resp: 4182

Ion Ratio Lower Upper

50 100

52 28.0 25.9 38.9



#9

Propene

Concen: 19.731 ppbv

RT: 3.25 min Scan# 97

Delta R.T. 0.20 min

Lab File: VL032644.D

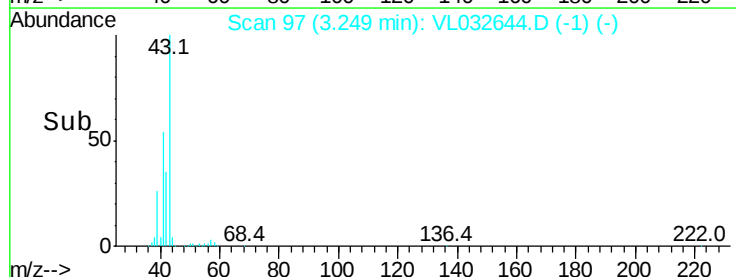
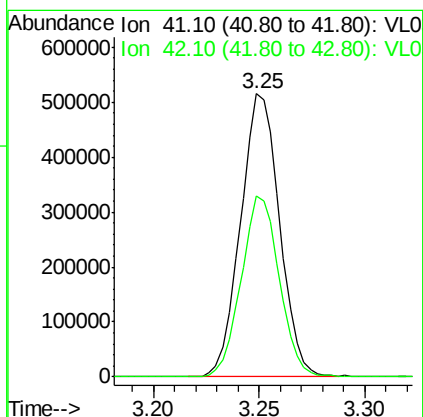
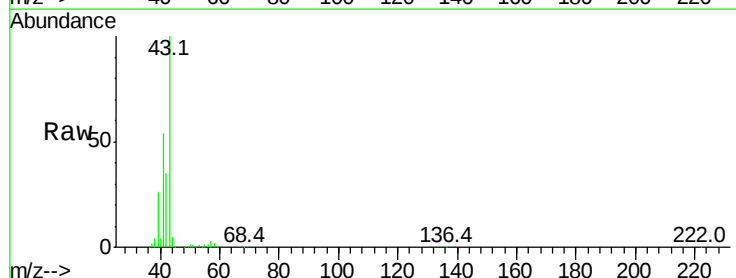
Acq: 17 Oct 2018 16:59

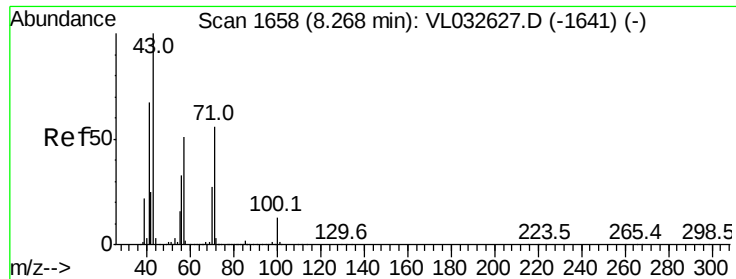
Tgt Ion: 41 Resp: 660803

Ion Ratio Lower Upper

41 100

42 62.7 55.4 83.0





#10

Heptane

Concen: 4.559 ppbv

RT: 8.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

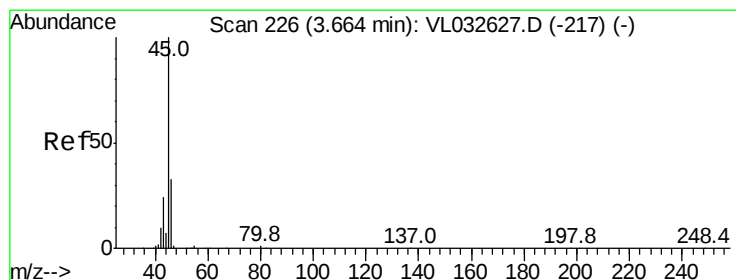
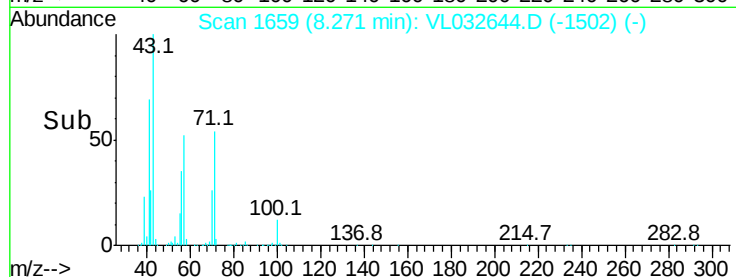
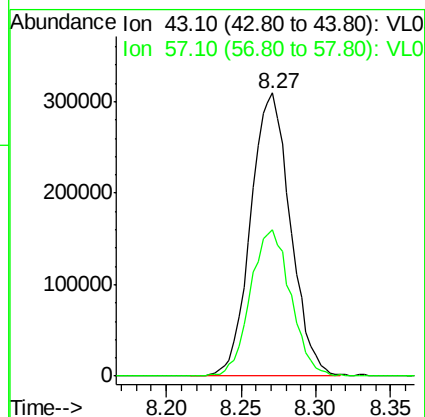
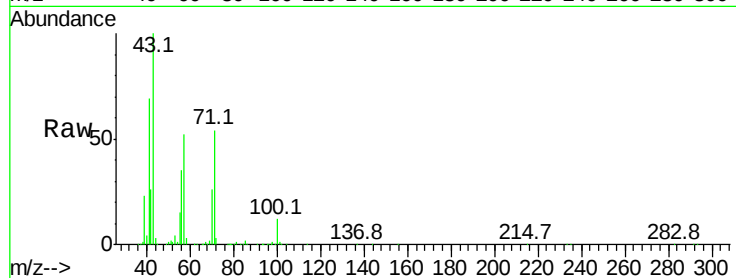
SS08-MIVIDL

Tgt Ion: 43 Resp: 571793

Ion Ratio Lower Upper

43 100

57 52.5 41.5 62.3



#13

Ethanol

Concen: 1.375 ppbv

RT: 3.68 min Scan# 230

Delta R.T. 0.01 min

Lab File: VL032644.D

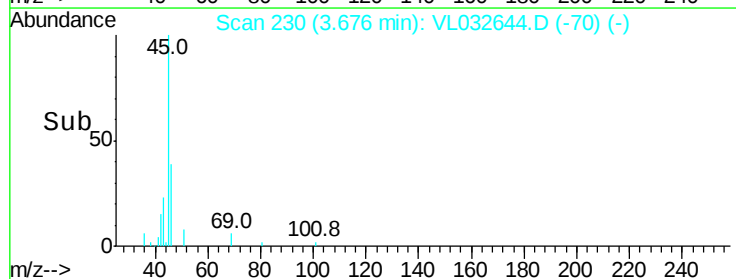
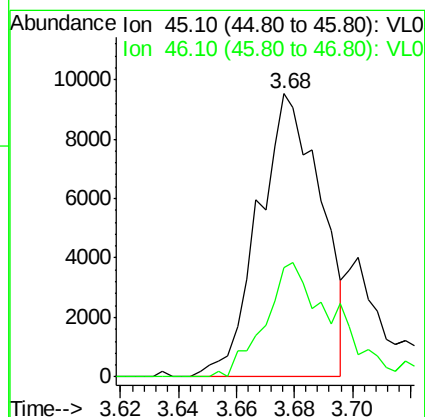
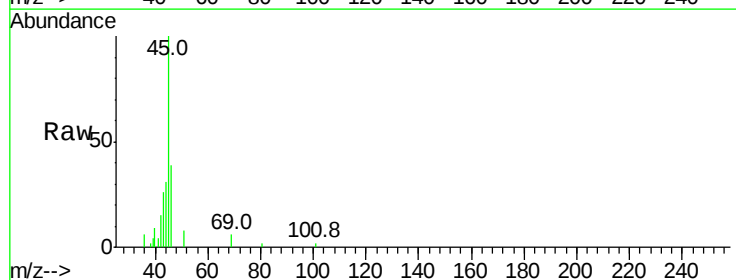
Acq: 17 Oct 2018 16:59

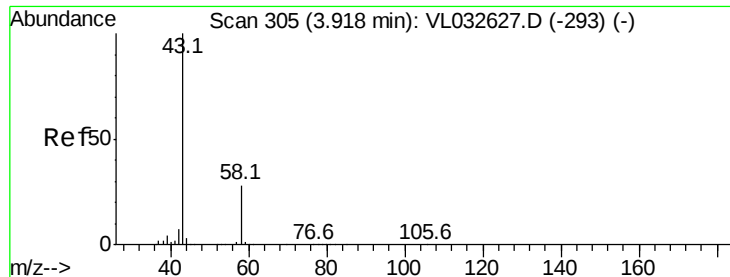
Tgt Ion: 45 Resp: 14247

Ion Ratio Lower Upper

45 100

46 48.2 15.4 61.8





#15

Acetone

Concen: 13.489 ppbv

RT: 3.94 min Scan# 312

Delta R.T. 0.02 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

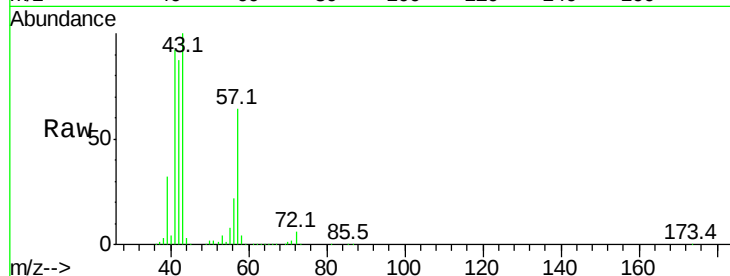
SS08-MIVIDL

Tgt Ion: 43 Resp: 1310682

Ion Ratio Lower Upper

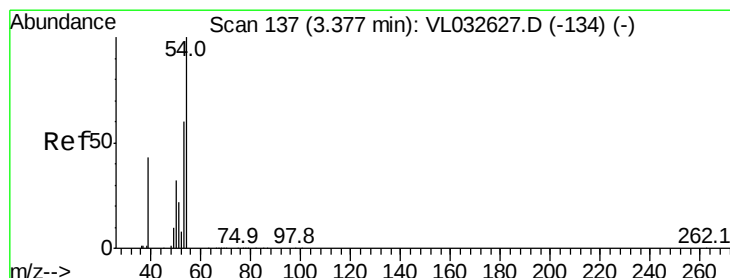
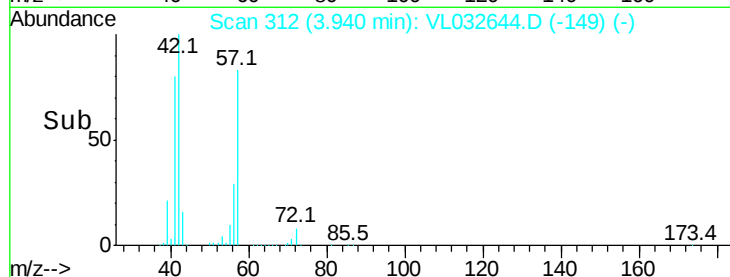
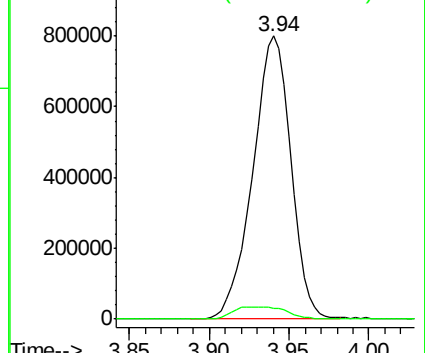
43 100

58 6.3 22.1 33.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.623 ppbv

RT: 3.41 min Scan# 146

Delta R.T. 0.03 min

Lab File: VL032644.D

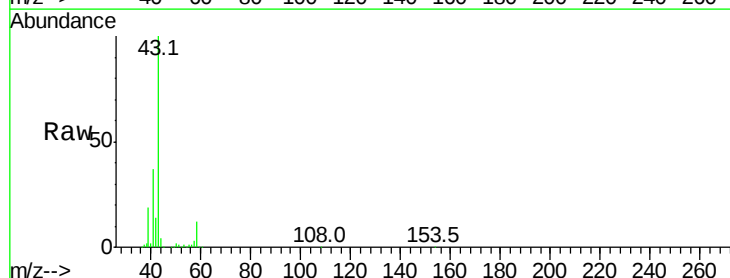
Acq: 17 Oct 2018 16:59

Tgt Ion: 39 Resp: 310234

Ion Ratio Lower Upper

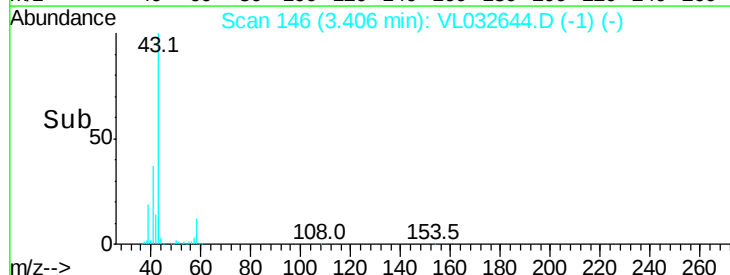
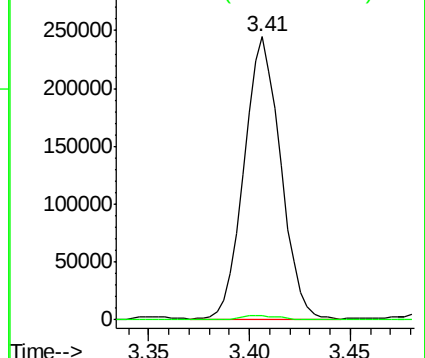
39 100

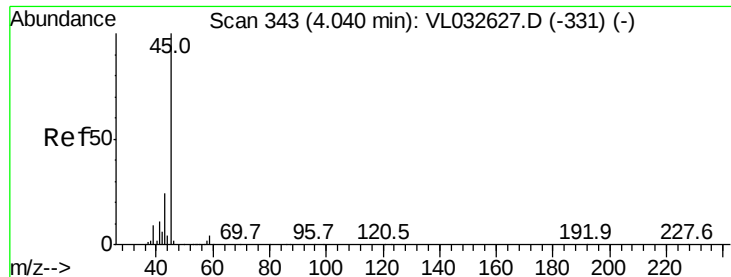
54 1.9 90.4 135.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#19

Isopropyl Alcohol

Concen: 0.204 ppbv

RT: 4.07 min Scan# 351

Delta R.T. 0.03 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

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ClientSampleId :

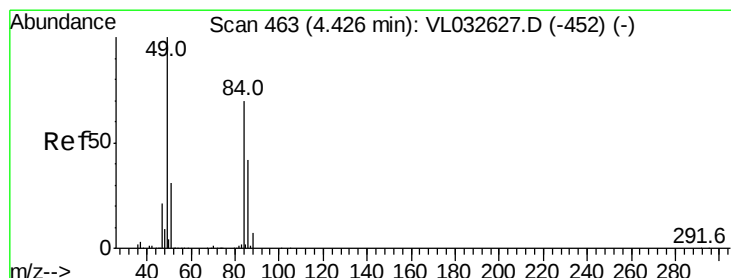
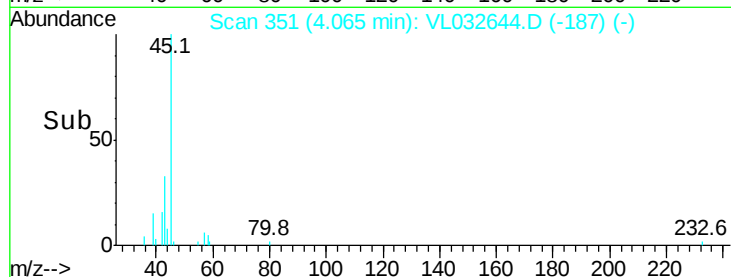
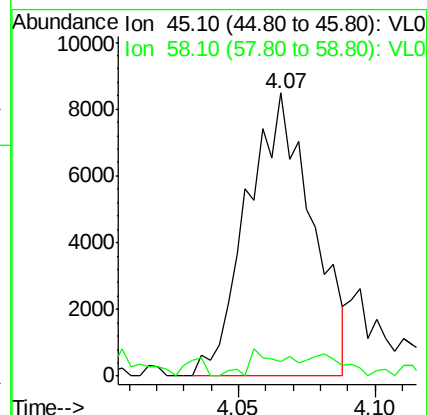
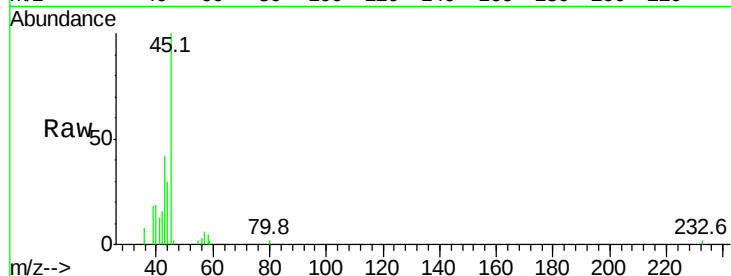
SS08-MIVIDL

Tgt Ion: 45 Resp: 14001

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#



#20

Methylene Chloride

Concen: 1.479 ppbv

RT: 4.43 min Scan# 464

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Tgt Ion: 84 Resp: 64394

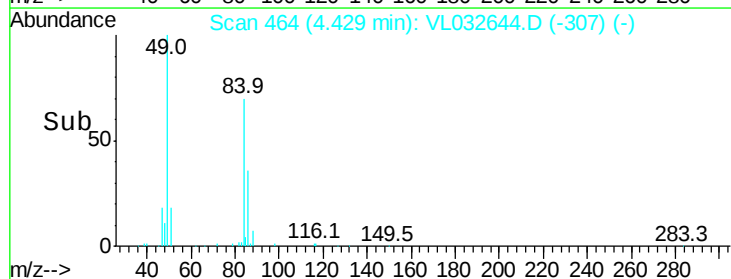
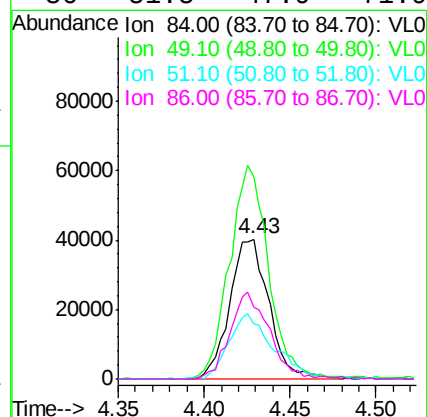
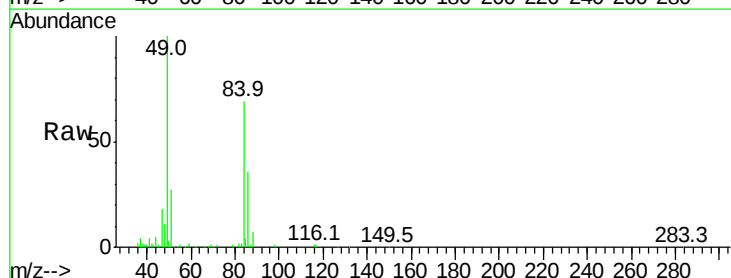
Ion Ratio Lower Upper

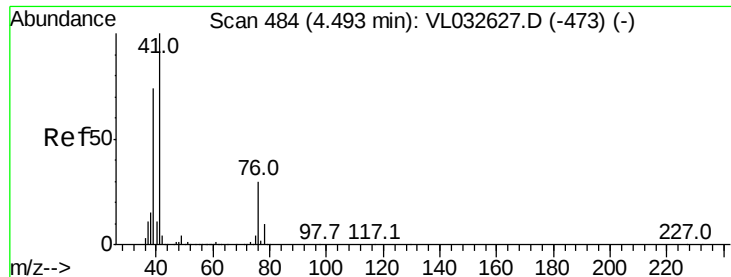
84 100

49 143.8 113.5 170.3

51 38.8 34.8 52.2

86 51.5 47.9 71.9





#21

Allyl Chloride

Concen: 0.444 ppbv

RT: 4.68 min Scan# 543

Delta R.T. 0.19 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

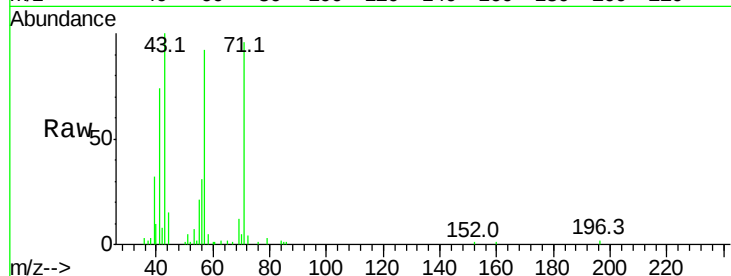
Tgt Ion: 41 Resp: 32345

Ion Ratio Lower Upper

41 100

76 16.7 24.3 36.5#

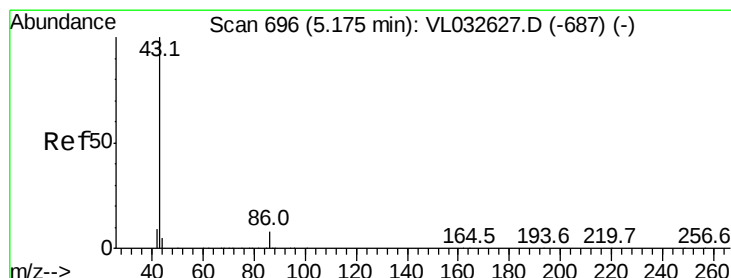
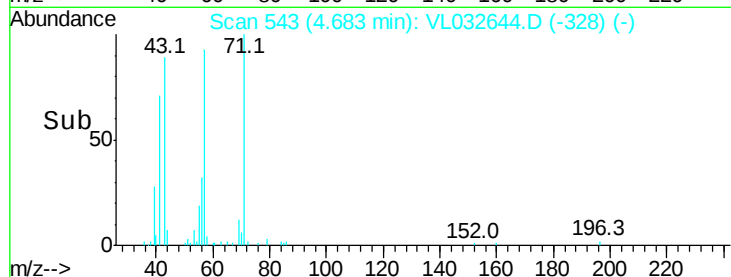
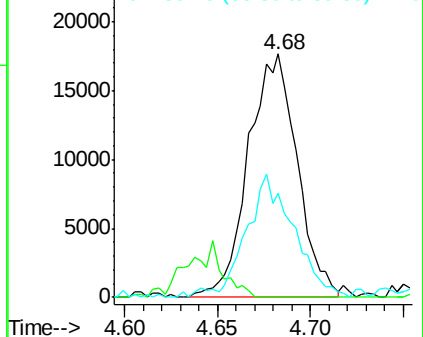
39 50.6 60.3 90.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#23

Vinyl Acetate

Concen: 1.182 ppbv

RT: 5.16 min Scan# 691

Delta R.T. -0.02 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Tgt Ion: 43 Resp: 182654

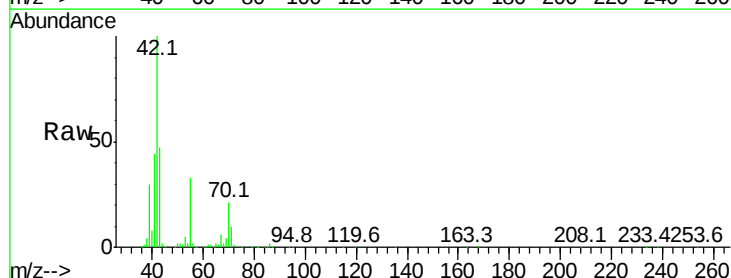
Ion Ratio Lower Upper

43 100

86 4.5 6.1 9.1#

42 214.7 7.4 11.2#

44 3.5 4.2 6.2#

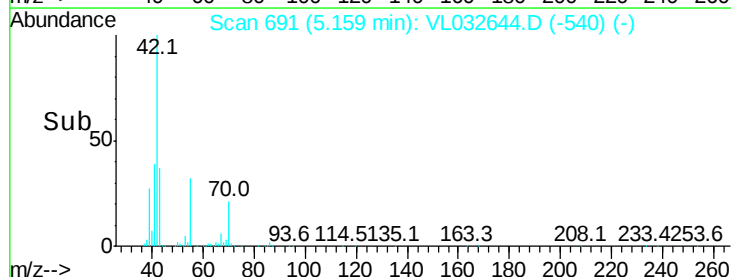
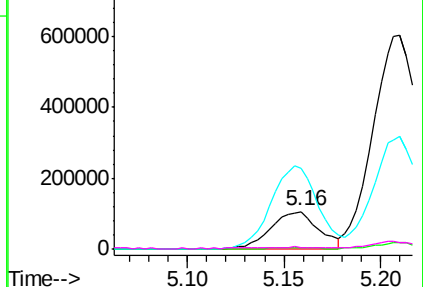


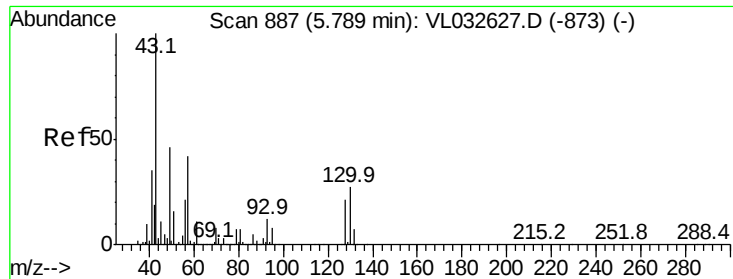
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0

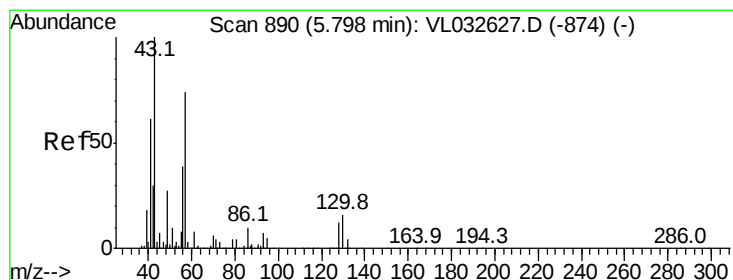
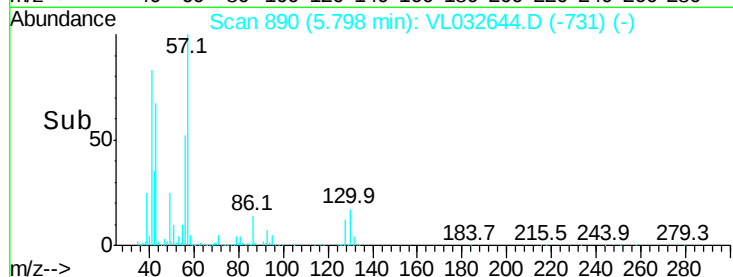
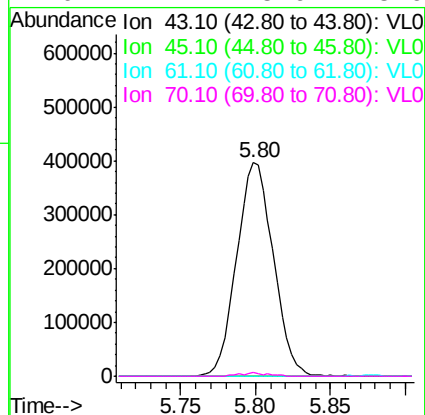
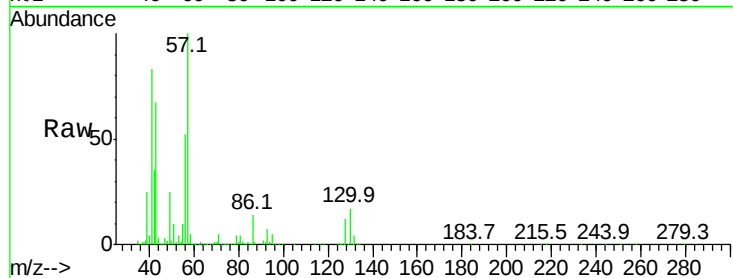




#25
Ethyl Acetate
Concen: 2.935 ppbv
RT: 5.80 min Scan# 890
Delta R.T. 0.01 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

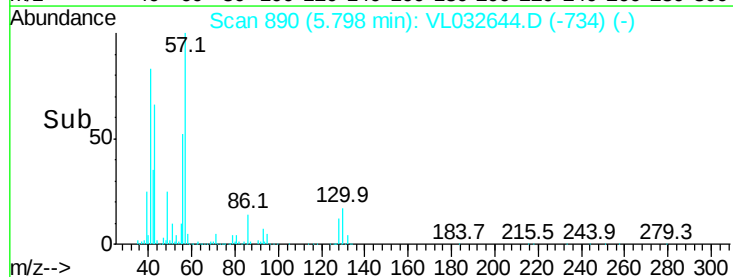
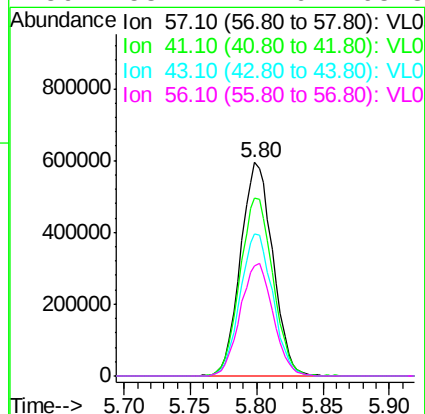
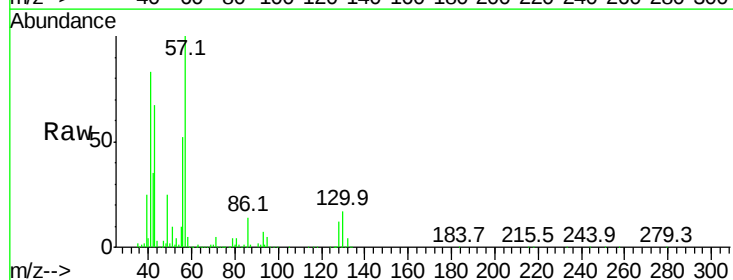
Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL

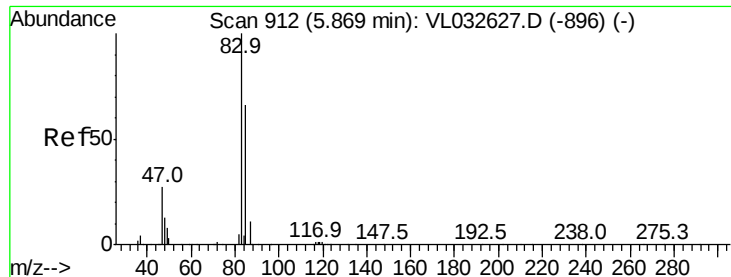
Tgt Ion:	43	Resp:	674793
Ion	Ratio	Lower	Upper
43	100		
45	0.2	8.0	12.0#
61	0.2	8.0	12.0#
70	1.4	5.9	8.9#



#26
Hexane
Concen: 9.713 ppbv
RT: 5.80 min Scan# 890
Delta R.T. 0.00 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

Tgt Ion:	57	Resp:	1005883
Ion	Ratio	Lower	Upper
57	100		
41	85.6	67.4	101.0
43	67.3	171.9	257.9#
56	53.7	42.6	63.8





#29

Chloroform

Concen: 0.566 ppbv

RT: 5.86 min Scan# 910

Delta R.T. -0.01 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

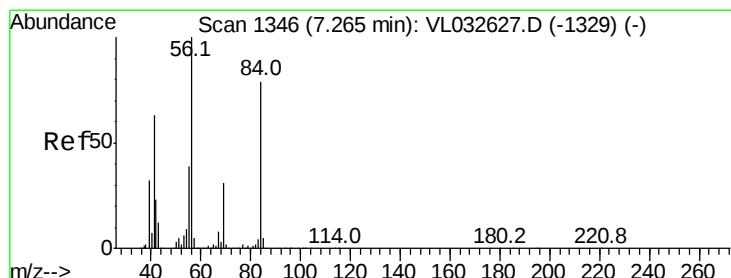
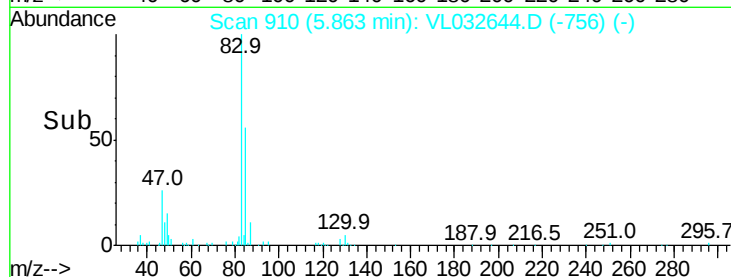
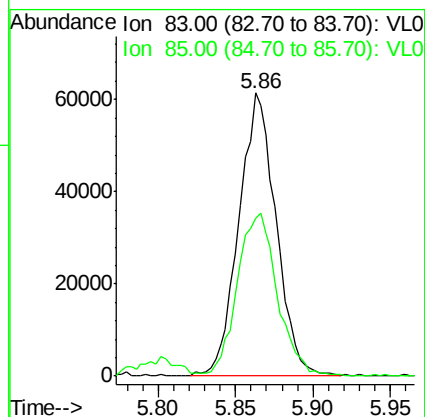
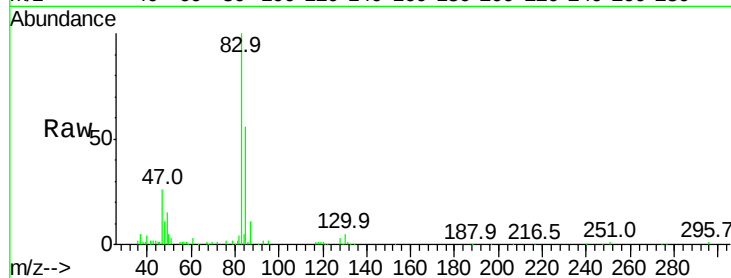
SS08-MIVIDL

Tgt Ion: 83 Resp: 102770

Ion Ratio Lower Upper

83 100

85 55.0 53.0 79.6



#30

Cyclohexane

Concen: 16.490 ppbv

RT: 7.27 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

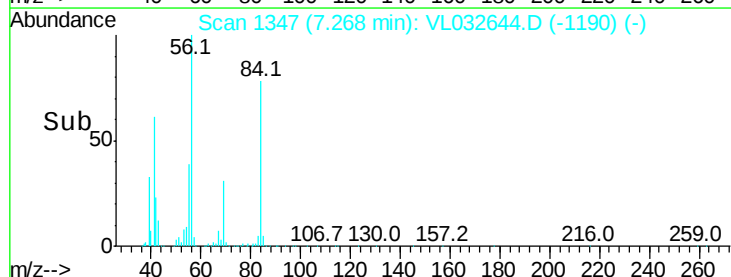
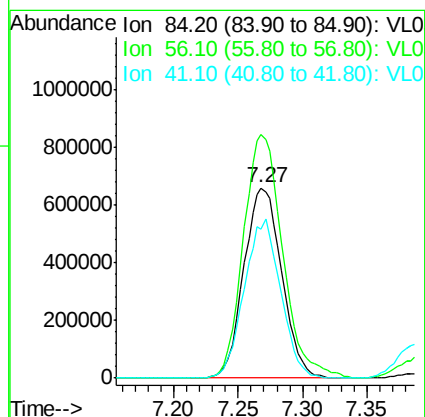
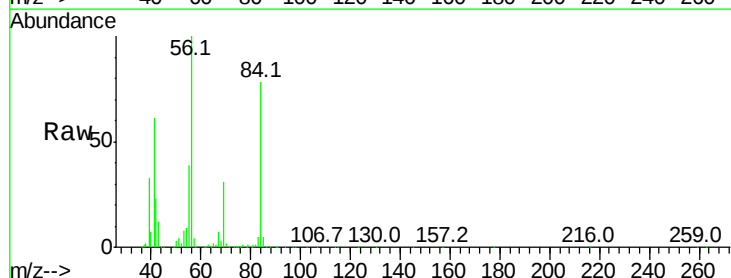
Tgt Ion: 84 Resp: 1346670

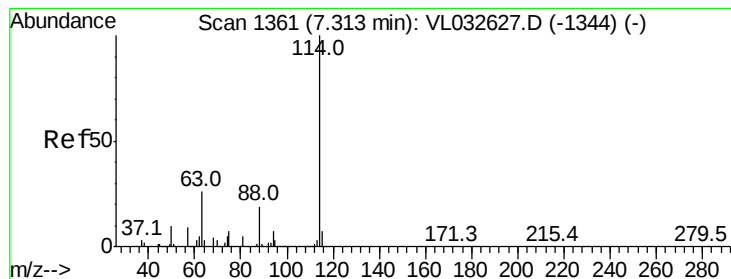
Ion Ratio Lower Upper

84 100

56 133.2 108.3 162.5

41 80.3 64.8 97.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.31 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

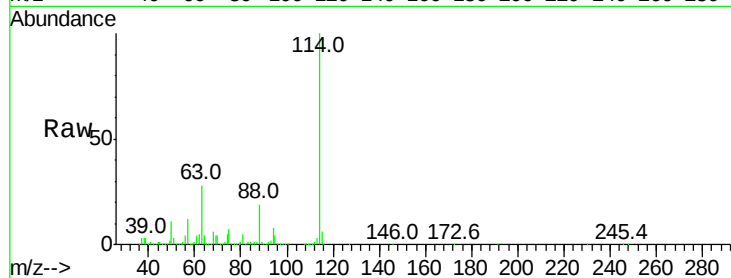
Tgt Ion:114 Resp: 2583692

Ion Ratio Lower Upper

114 100

63 27.6 21.7 32.5

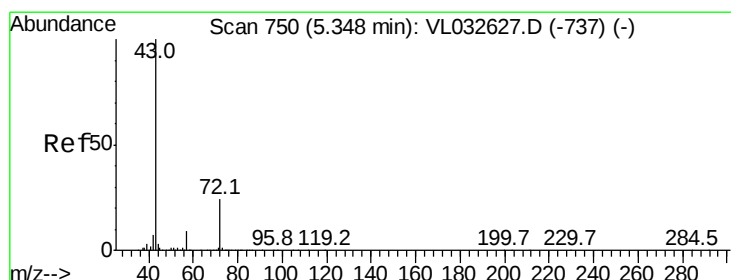
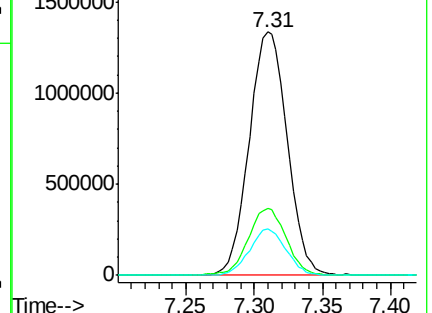
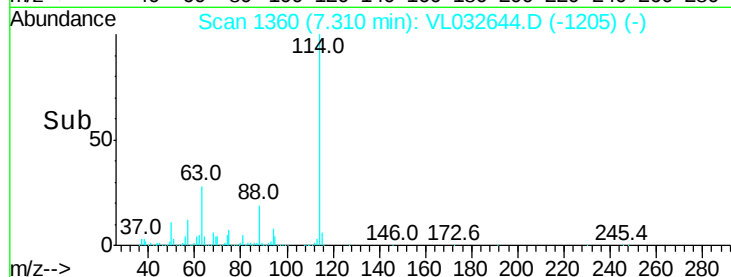
88 18.4 14.9 22.3



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.085 ppbv

RT: 5.36 min Scan# 755

Delta R.T. 0.02 min

Lab File: VL032644.D

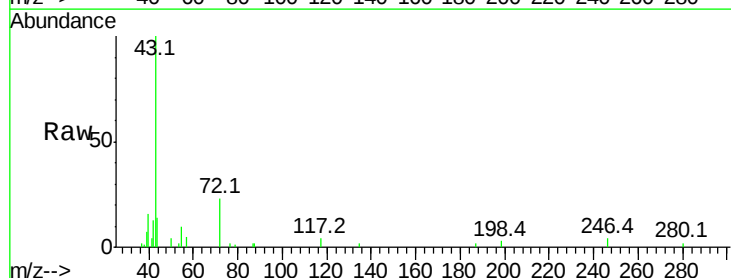
Acq: 17 Oct 2018 16:59

Tgt Ion: 43 Resp: 12166

Ion Ratio Lower Upper

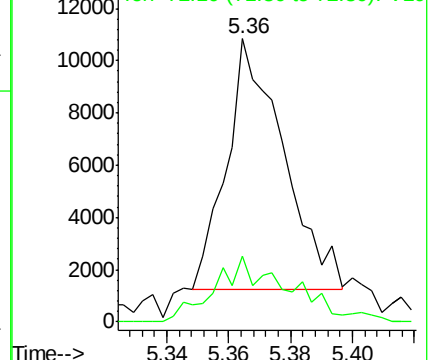
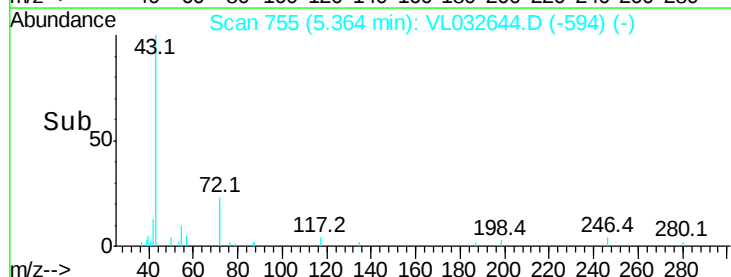
43 100

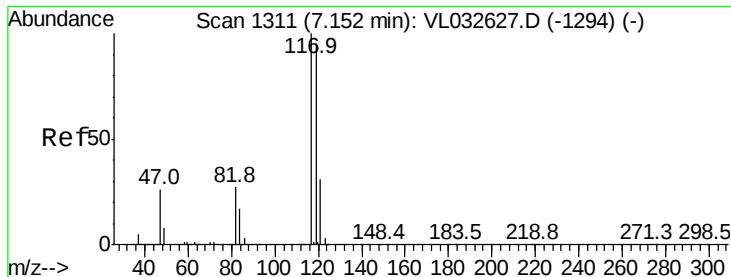
72 34.8 18.6 27.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.062 ppbv

RT: 7.16 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

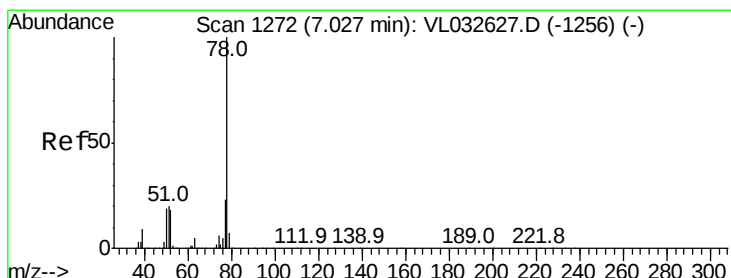
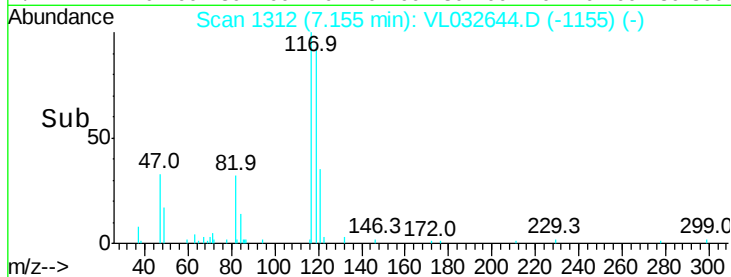
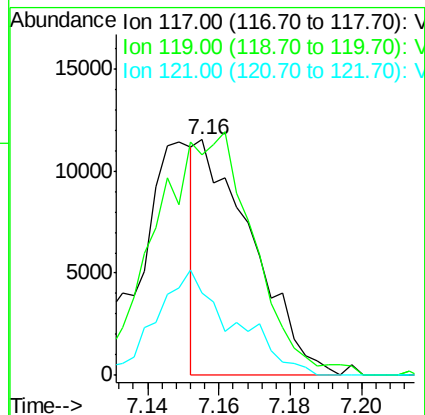
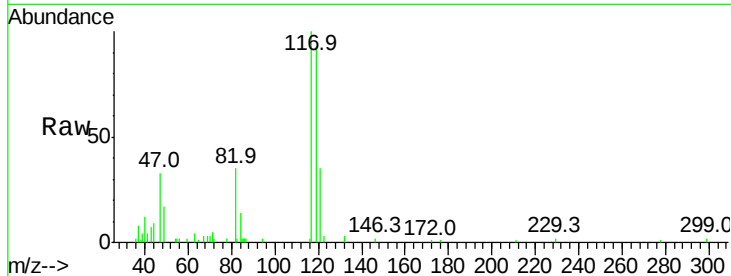
Tgt Ion:117 Resp: 12318

Ion Ratio Lower Upper

117 100

119 89.0 75.7 113.5

121 35.1 24.7 37.1



#36

Benzene

Concen: 1.096 ppbv

RT: 7.03 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

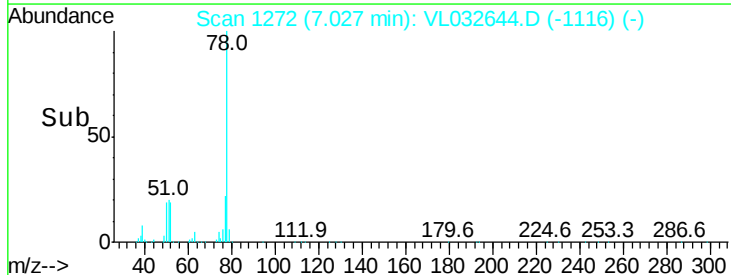
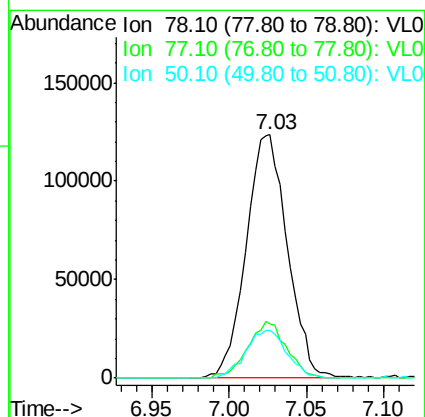
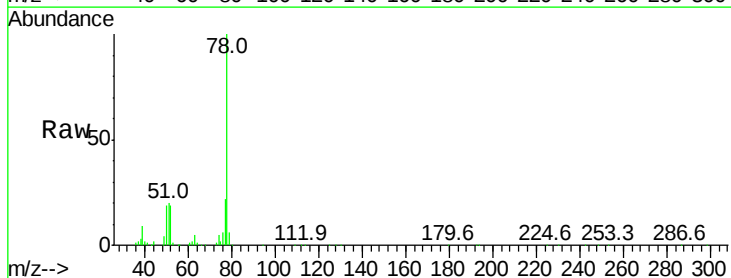
Tgt Ion: 78 Resp: 229448

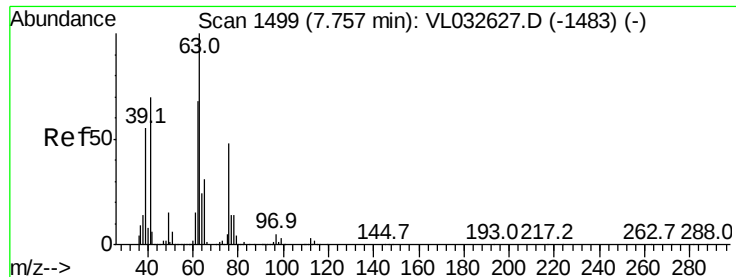
Ion Ratio Lower Upper

78 100

77 22.3 18.1 27.1

50 19.3 15.1 22.7





#39

1,2-Dichloropropane

Concen: 8.186 ppbv

RT: 7.31 min Scan# 1360

Delta R.T. -0.45 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

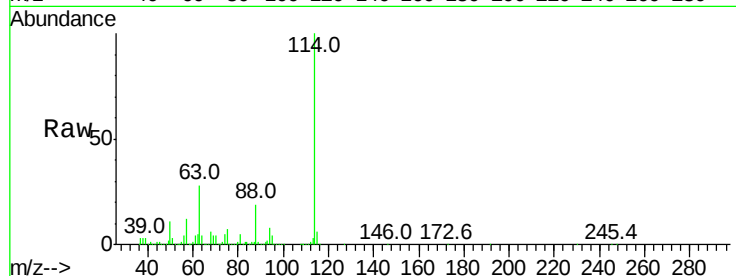
Tgt Ion: 63 Resp: 697395

Ion Ratio Lower Upper

63 100

41 0.0 56.2 84.4#

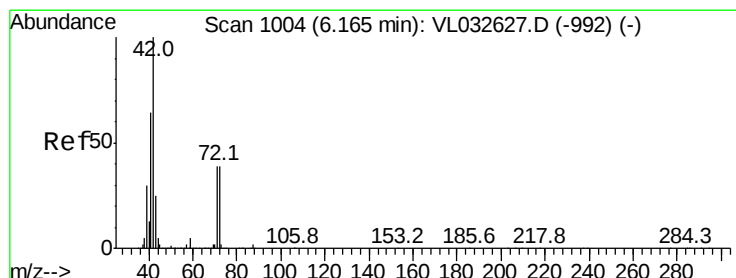
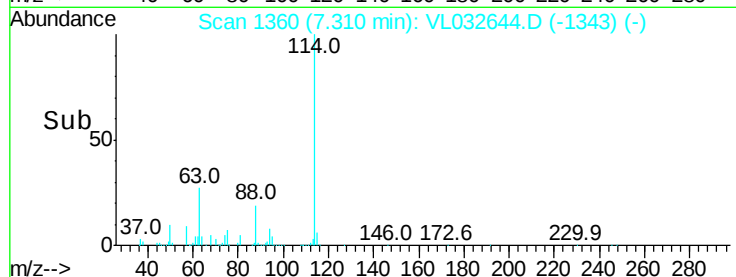
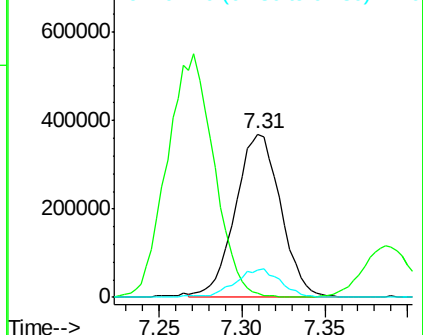
62 16.3 54.4 81.6#



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: 2.254 ppbv

RT: 6.44 min Scan# 1090

Delta R.T. 0.28 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

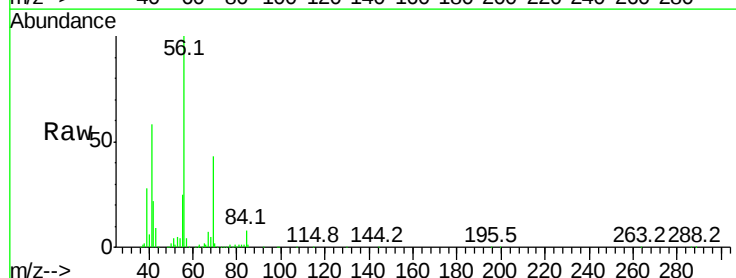
Tgt Ion: 42 Resp: 171521

Ion Ratio Lower Upper

42 100

72 0.1 32.4 48.6#

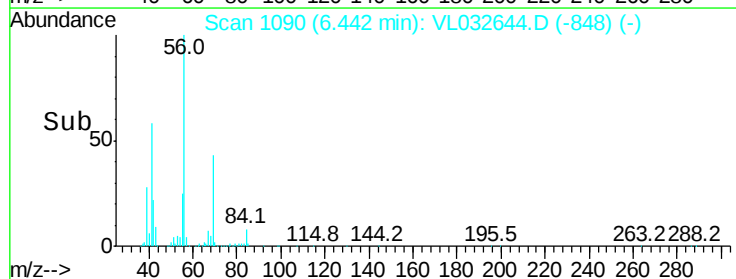
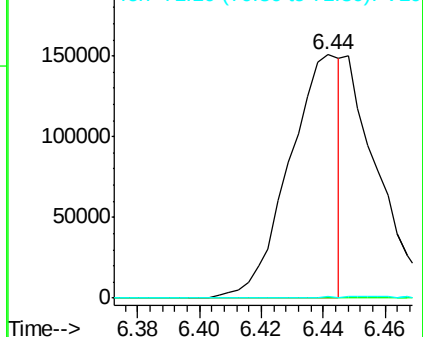
71 1.1 31.3 46.9#

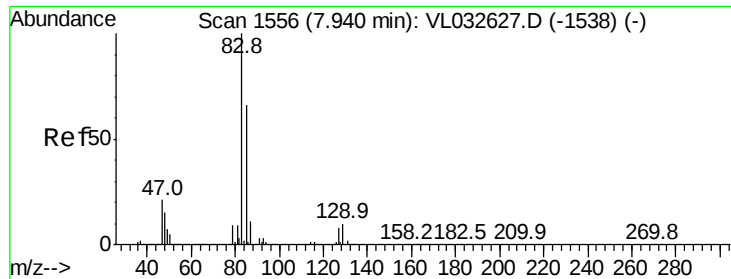


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.082 ppbv

RT: 7.94 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

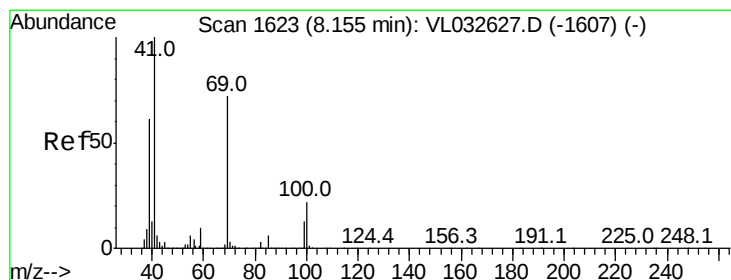
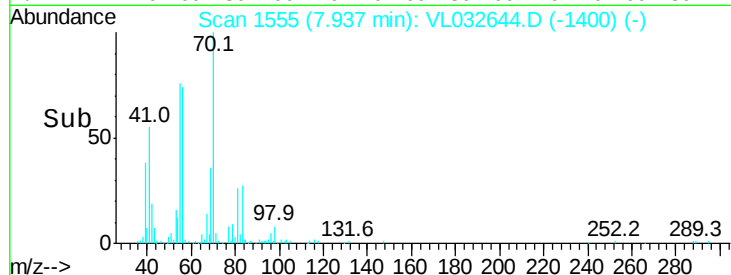
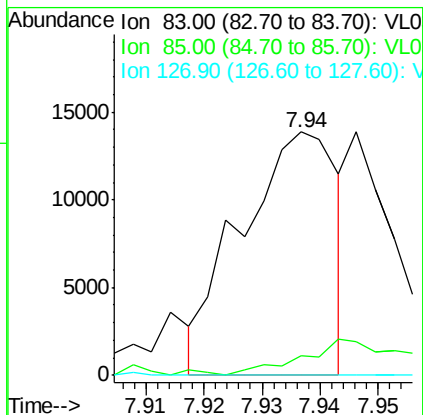
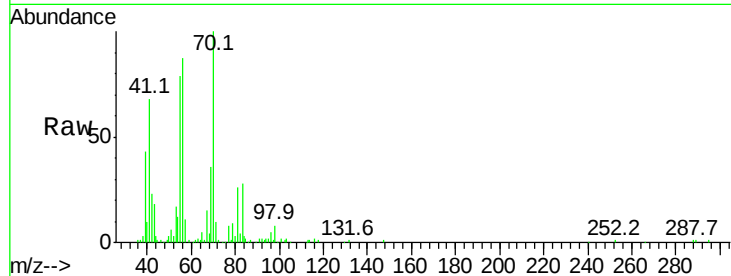
Tgt Ion: 83 Resp: 15969

Ion Ratio Lower Upper

83 100

85 7.1 52.4 78.6#

127 0.0 6.1 9.1#



#43

Methyl Methacrylate

Concen: 0.081 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. 0.10 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

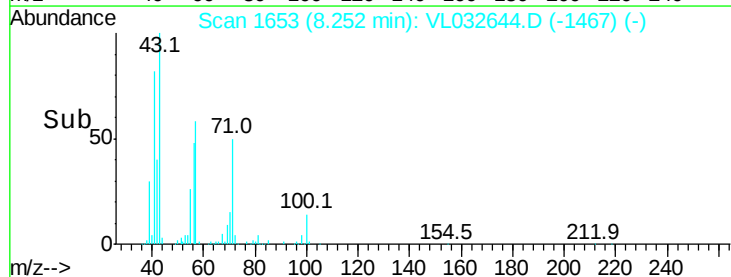
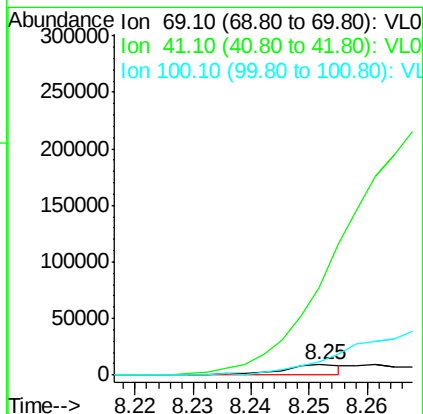
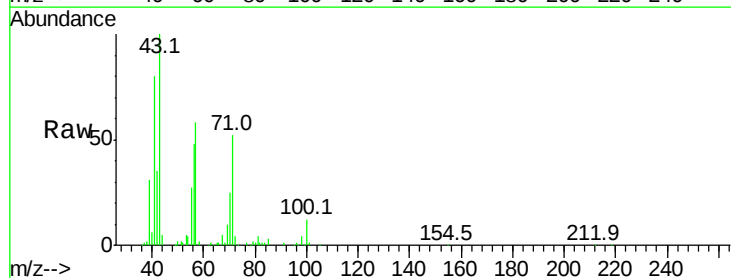
Tgt Ion: 69 Resp: 6570

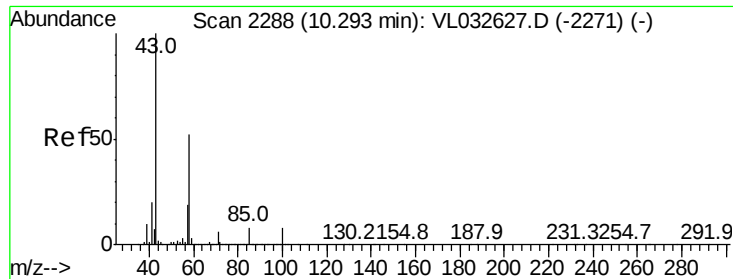
Ion Ratio Lower Upper

69 100

41 0.0 113.2 169.8#

100 0.0 24.4 36.6#

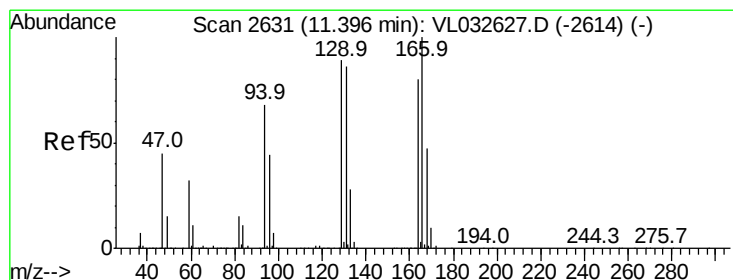
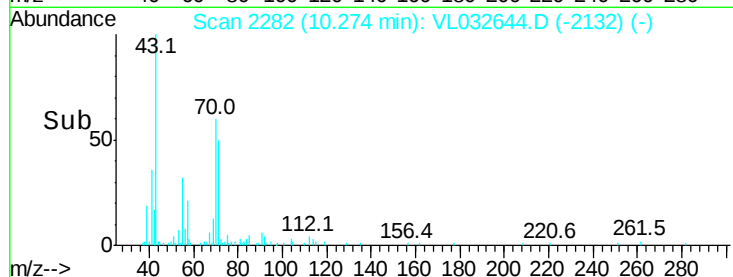
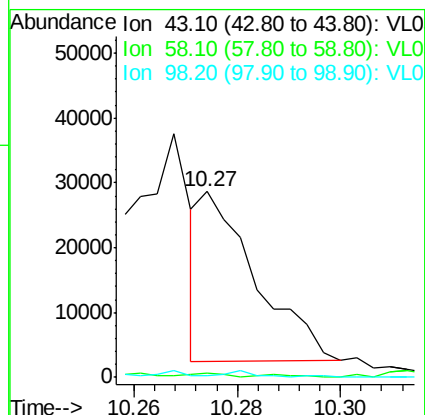
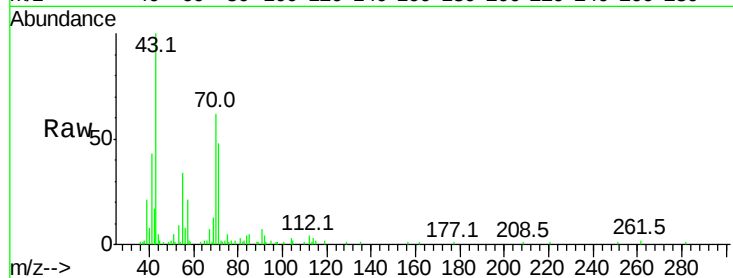




#51
2-Hexanone
Concen: 0.117 ppbv
RT: 10.27 min Scan# 2282
Delta R.T. -0.02 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

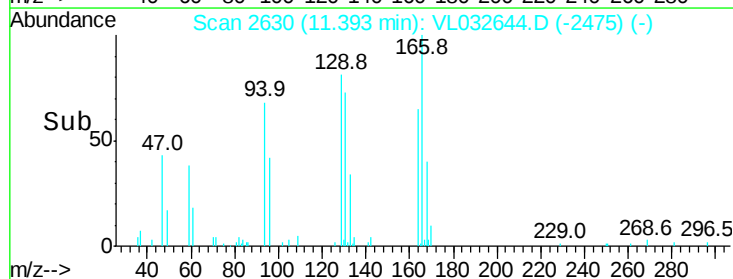
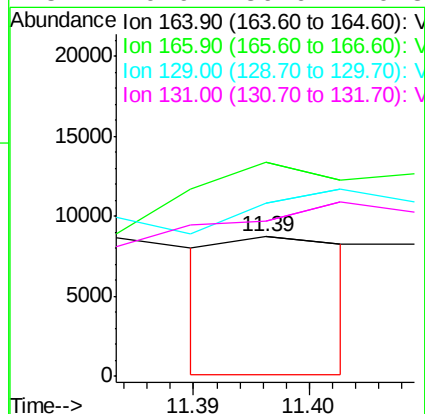
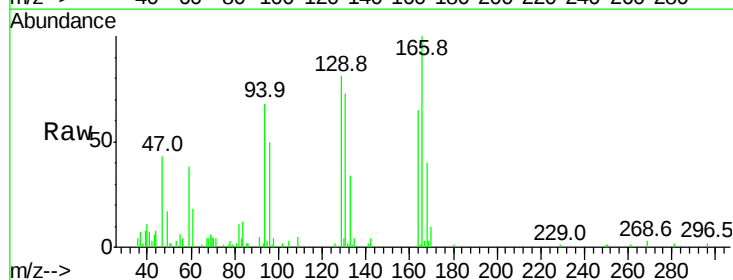
Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL

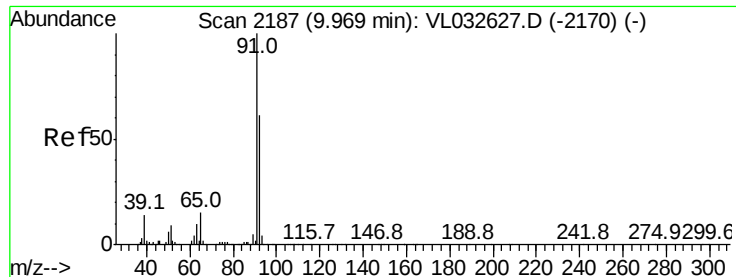
Tgt Ion: 43 Resp: 19411
Ion Ratio Lower Upper
43 100
58 5.2 40.4 60.6#
98 0.0 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.047 ppbv
RT: 11.39 min Scan# 2630
Delta R.T. -0.00 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

Tgt Ion: 164 Resp: 3240
Ion Ratio Lower Upper
164 100
166 234.6 100.5 150.7#
129 258.0 90.0 135.0#
131 29.9 86.6 129.8#





#53

Toluene

Concen: 13.818 ppbv

RT: 9.97 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

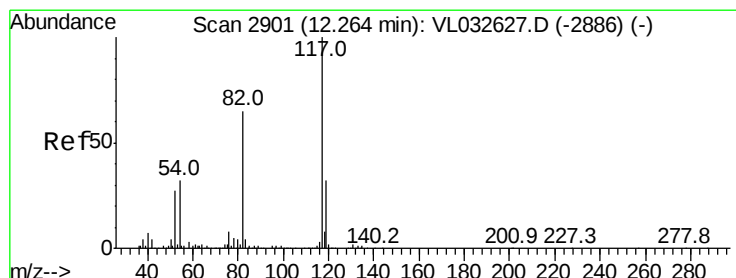
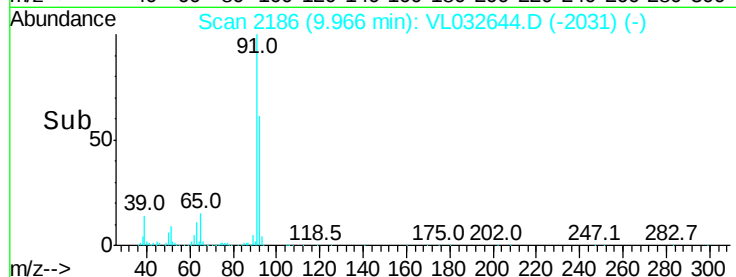
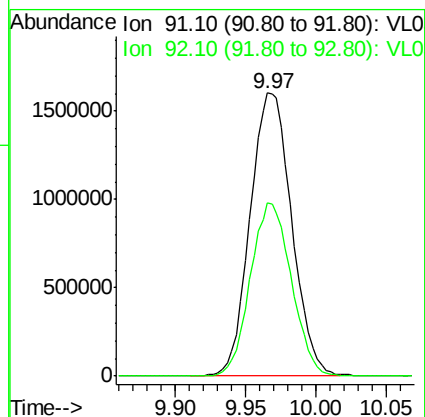
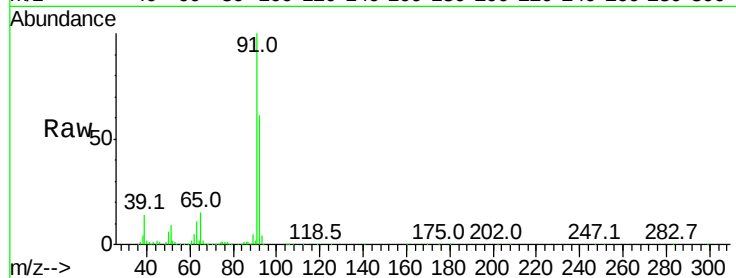
SS08-MIVIDL

Tgt Ion: 91 Resp: 3299048

Ion Ratio Lower Upper

91 100

92 60.4 48.4 72.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.26 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

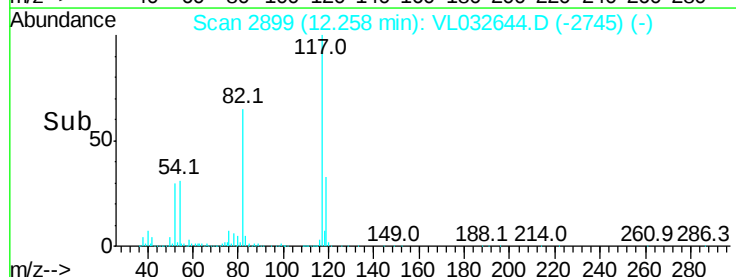
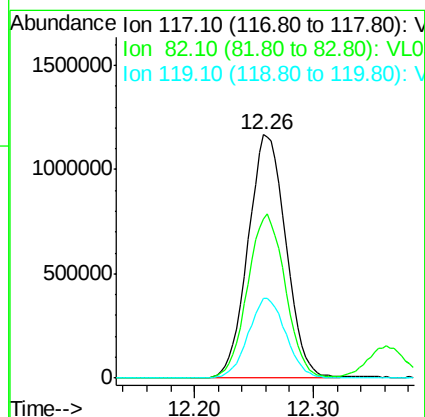
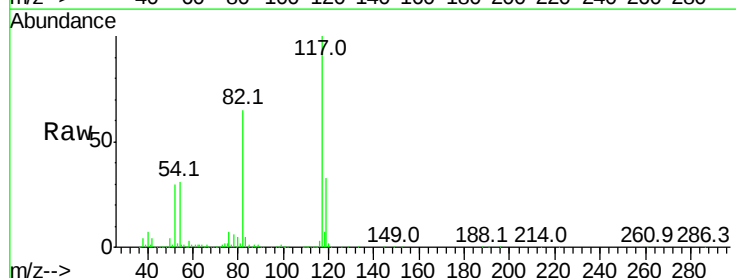
Tgt Ion: 117 Resp: 2573970

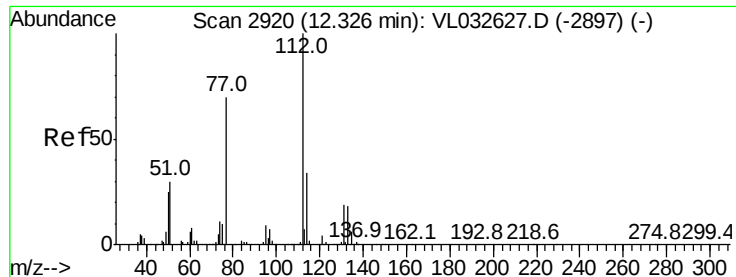
Ion Ratio Lower Upper

117 100

82 67.0 52.7 79.1

119 32.9 26.7 40.1

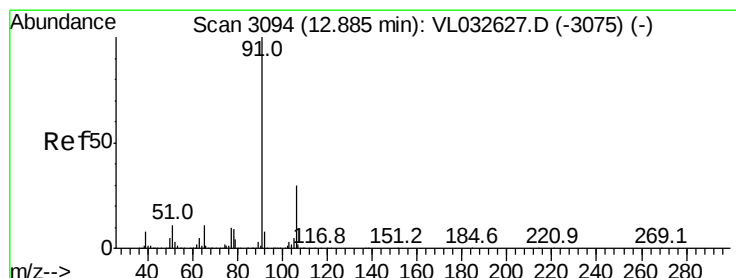
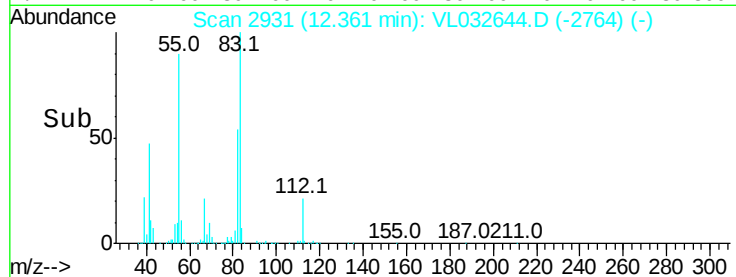
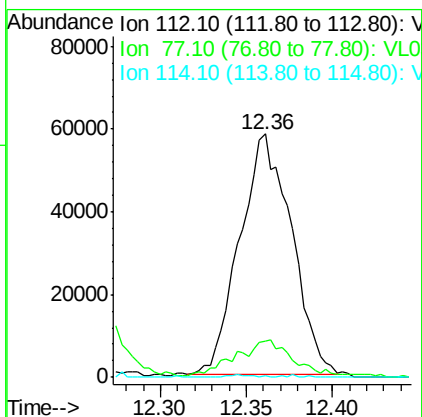
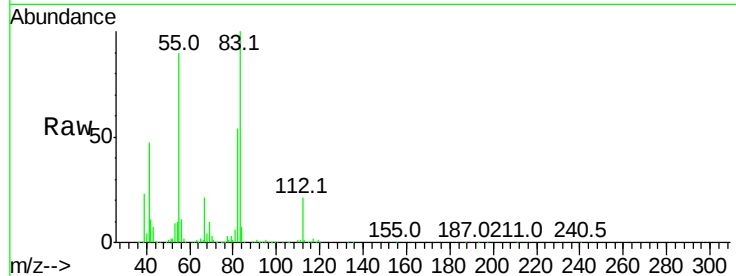




#57
Chlorobenzene
Concen: 0.619 ppbv
RT: 12.36 min Scan# 2931
Delta R.T. 0.04 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

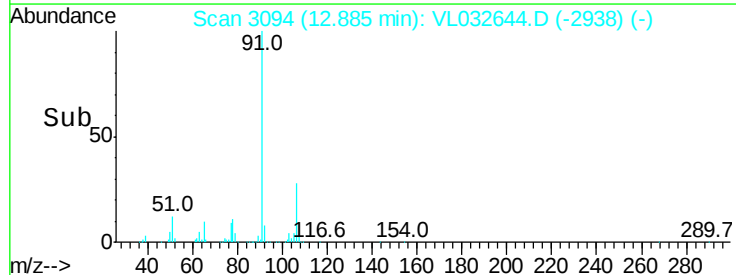
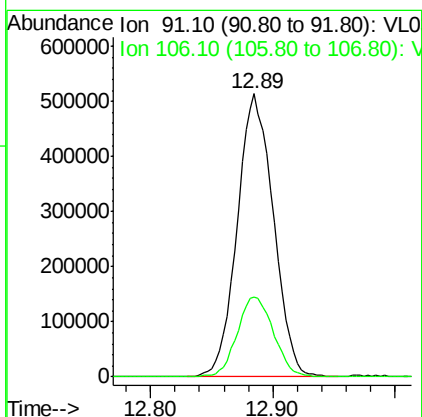
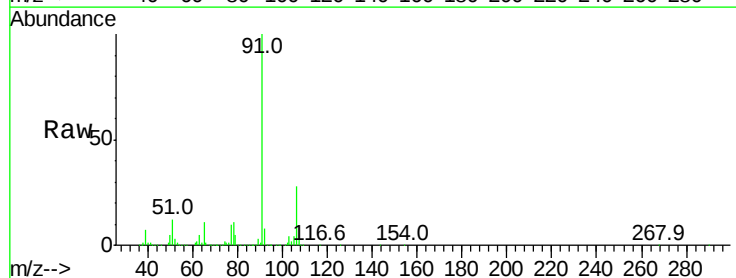
Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL

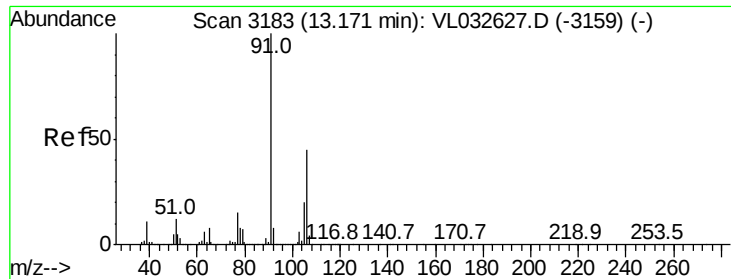
Tgt Ion: 112 Resp: 121249
Ion Ratio Lower Upper
112 100
77 14.7 56.8 85.2#
114 0.8 30.3 37.1#



#58
Ethyl Benzene
Concen: 3.620 ppbv
RT: 12.89 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

Tgt Ion: 91 Resp: 1046515
Ion Ratio Lower Upper
91 100
106 28.0 24.2 36.2

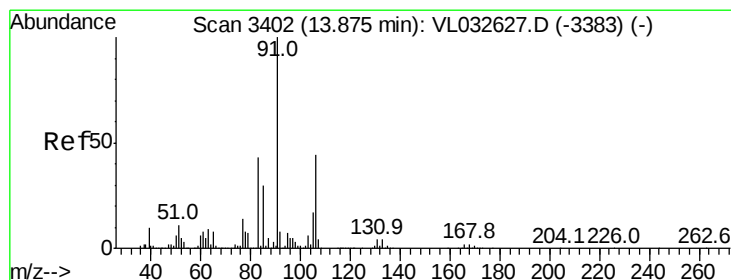
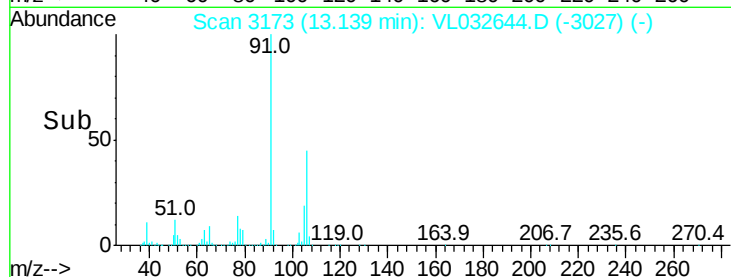
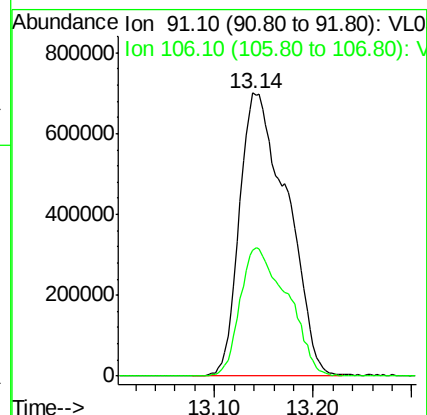
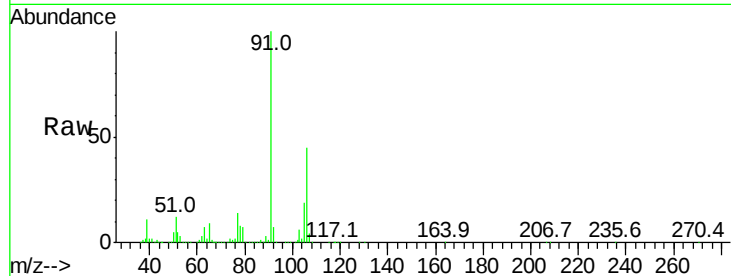




#59
m/p-Xylene
Concen: 9.034 ppbv
RT: 13.14 min Scan# 3173
Delta R.T. -0.03 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

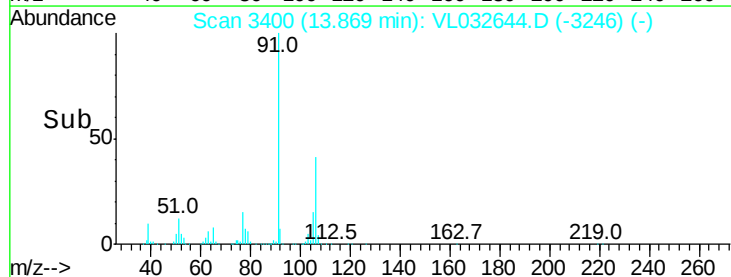
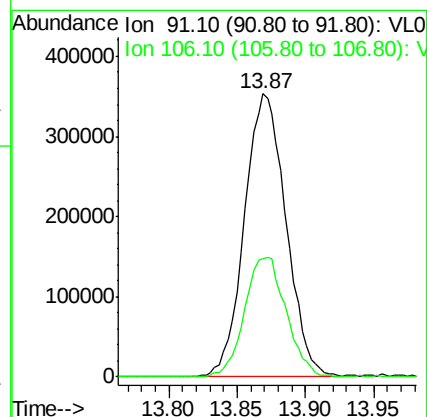
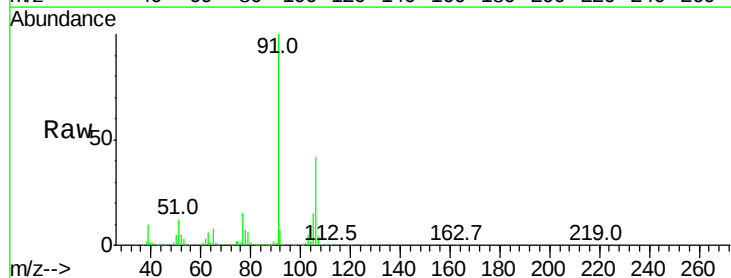
Instrument :
MSVOA_L
ClientSampleId :
SS08-MIVIDL

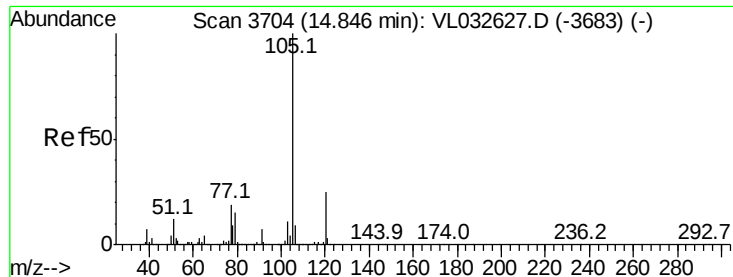
Tgt Ion: 91 Resp: 2331189
Ion Ratio Lower Upper
91 100
106 45.3 35.9 53.9



#60
o-Xylene
Concen: 2.891 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. -0.01 min
Lab File: VL032644.D
Acq: 17 Oct 2018 16:59

Tgt Ion: 91 Resp: 743411
Ion Ratio Lower Upper
91 100
106 42.7 22.1 66.1





#62

Isopropylbenzene

Concen: 0.055 ppbv

RT: 14.84 min Scan# 3703

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

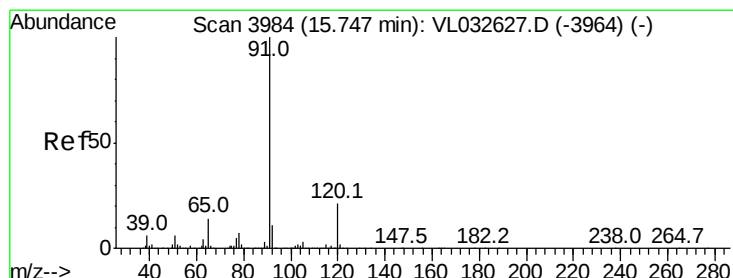
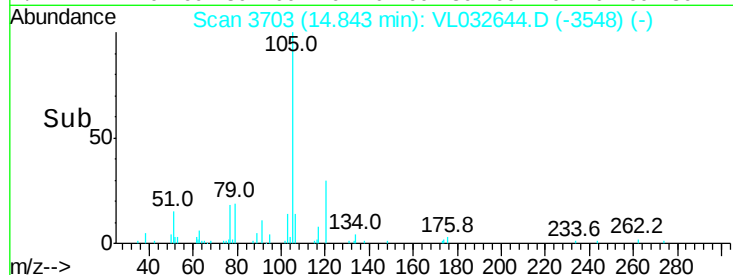
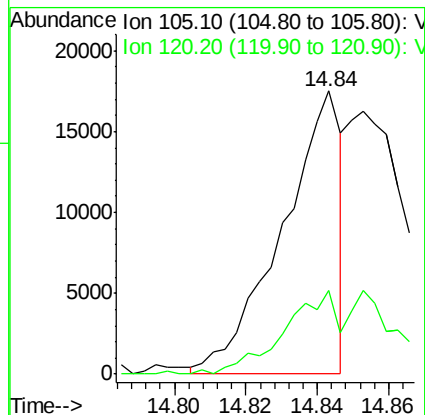
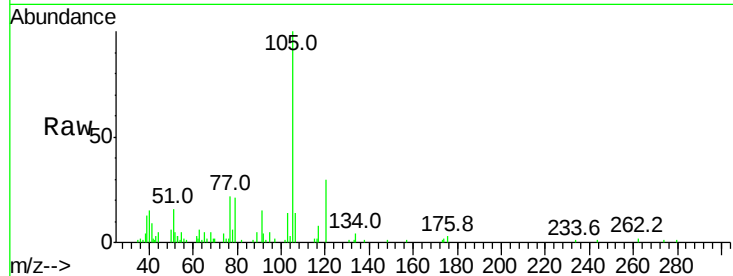
SS08-MIVIDL

Tgt Ion:105 Resp: 20065

Ion Ratio Lower Upper

105 100

120 0.0 20.5 30.7#



#64

n-propylbenzene

Concen: 0.087 ppbv

RT: 15.74 min Scan# 3981

Delta R.T. -0.01 min

Lab File: VL032644.D

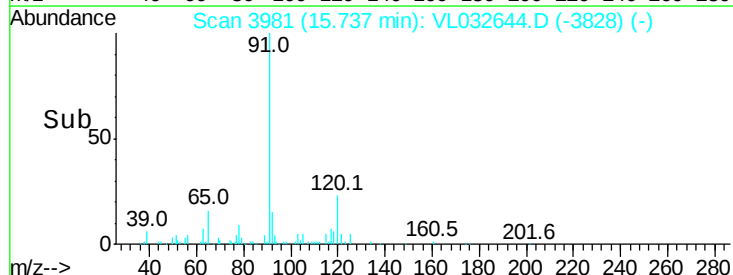
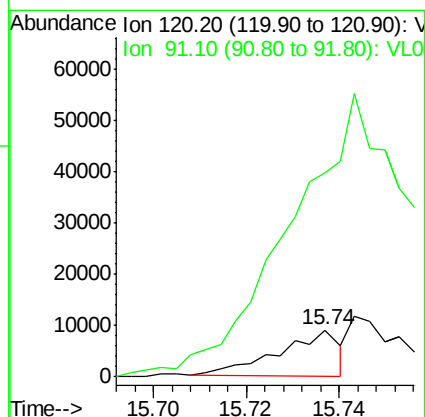
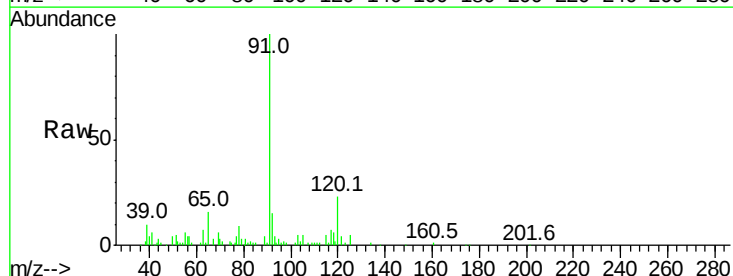
Acq: 17 Oct 2018 16:59

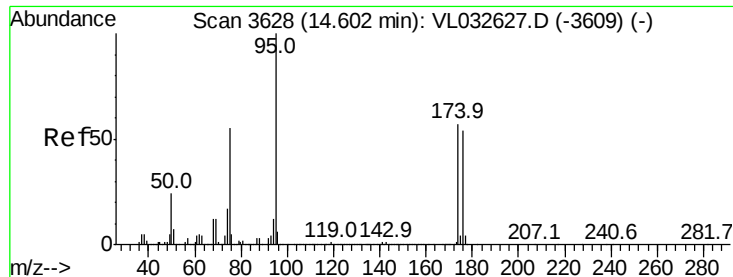
Tgt Ion:120 Resp: 8048

Ion Ratio Lower Upper

120 100

91 0.0 390.2 585.2#

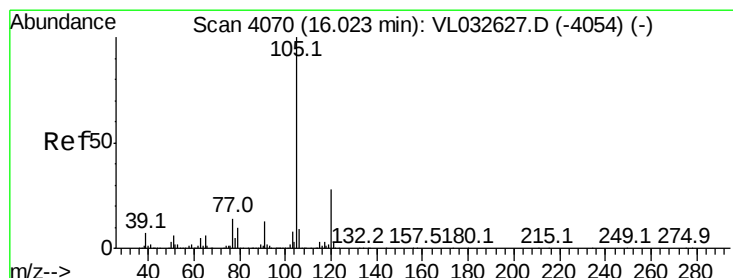
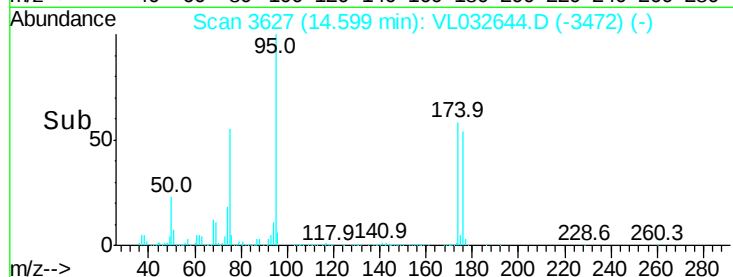
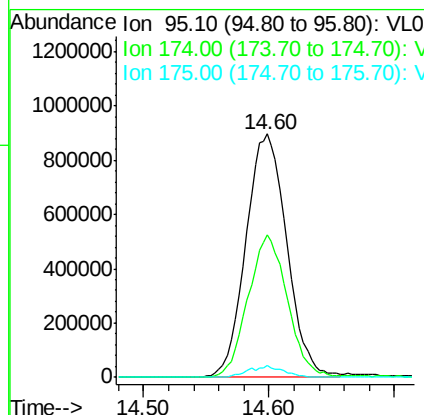
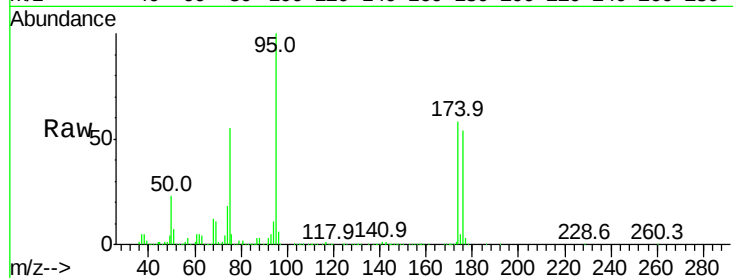




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.471 ppbv
 RT: 14.60 min Scan# 3627
 Delta R.T. -0.00 min
 Lab File: VL032644.D
 Acq: 17 Oct 2018 16:59

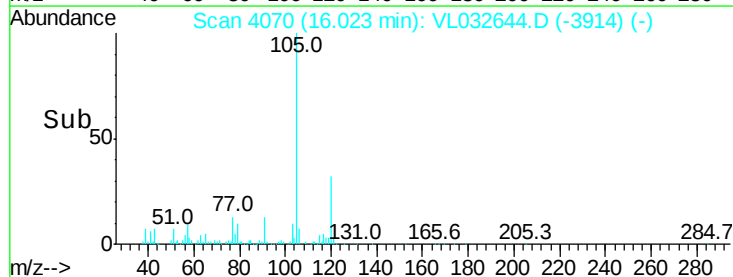
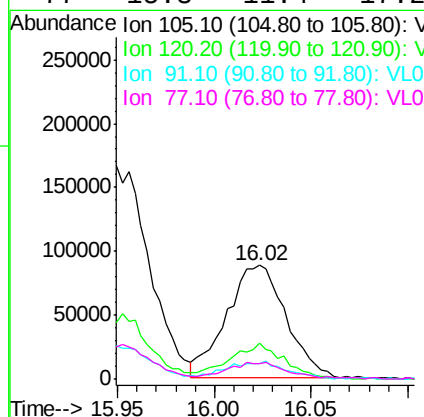
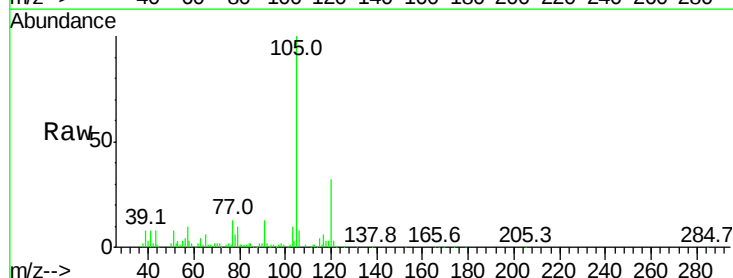
Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVIDL

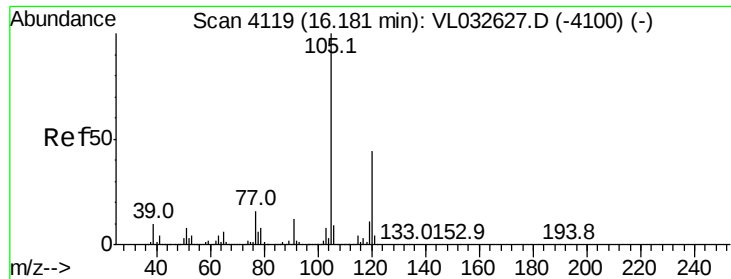
Tgt Ion: 95 Resp: 2029381
 Ion Ratio Lower Upper
 95 100
 174 57.6 46.0 69.0
 175 4.1 3.4 5.0



#72
 4-Ethyltoluene
 Concen: 0.676 ppbv
 RT: 16.02 min Scan# 4070
 Delta R.T. 0.00 min
 Lab File: VL032644.D
 Acq: 17 Oct 2018 16:59

Tgt Ion: 105 Resp: 187827
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.7 35.5
 91 14.2 10.4 15.6
 77 15.3 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 0.366 ppbv

RT: 16.18 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

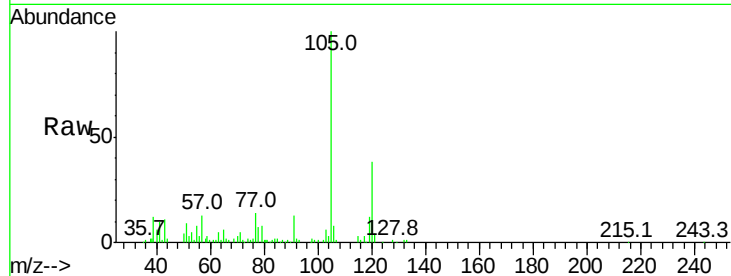
SS08-MIVIDL

Tgt Ion:105 Resp: 101233

Ion Ratio Lower Upper

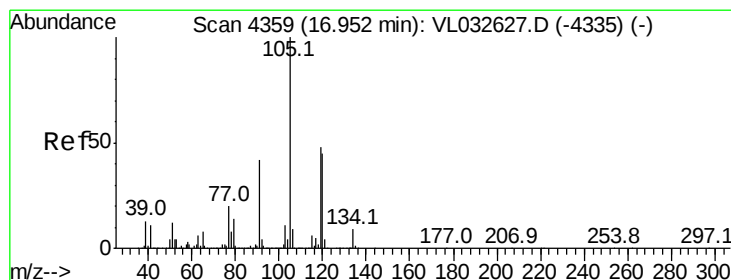
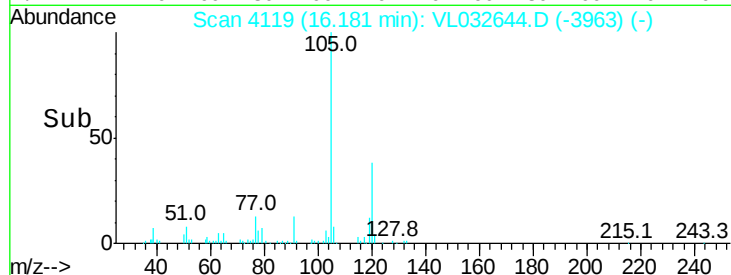
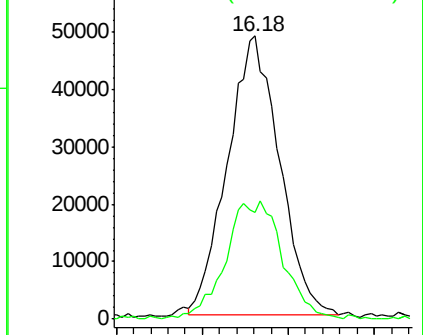
105 100

120 37.9 35.4 53.2



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: 1.003 ppbv

RT: 16.95 min Scan# 4358

Delta R.T. -0.00 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Tgt Ion:105 Resp: 305147

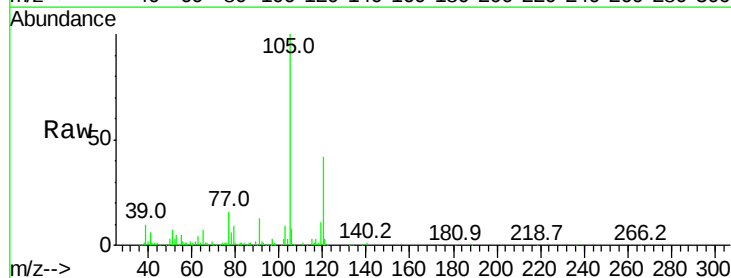
Ion Ratio Lower Upper

105 100

120 41.6 35.8 53.8

91 12.5 33.2 49.8#

77 15.3 16.2 24.4#

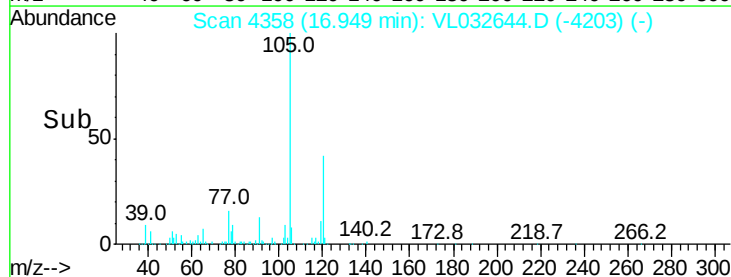
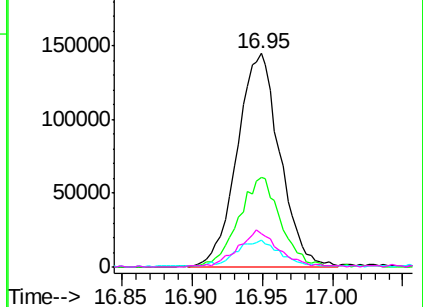


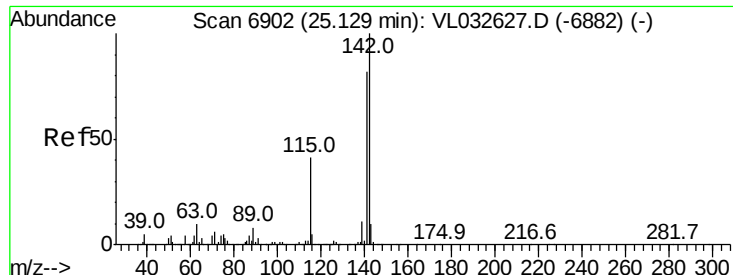
Abundance Ion 105.10 (104.80 to 105.80): V

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





#80

Naphthalene, 2-methyl-

Concen: 0.741 ppbv

RT: 25.23 min Scan# 6934

Delta R.T. 0.10 min

Lab File: VL032644.D

Acq: 17 Oct 2018 16:59

Instrument :

MSVOA_L

ClientSampleId :

SS08-MIVIDL

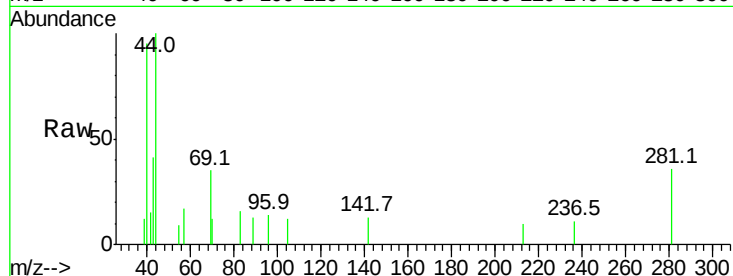
Tgt Ion:142 Resp: 40

Ion Ratio Lower Upper

142 100

141 72.5 67.5 101.3

115 0.0 33.5 50.3#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

