

Data File : VL032723.D
Acq On : 7 Nov 2018 19:00
Operator : SY/AP
Sample : J5823-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-03

Quant Time: Nov 08 10:54:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1420107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3517614	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3425277	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.59 95 2584426 10.13 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 101.30%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.08	85	36748	0.254 ppbv	99
3) Chlorodifluoromethane	3.02	51	65300	0.588 ppbv #	89
4) Chloromethane	3.18	50	27719	0.447 ppbv	95
9) Propene	3.05	41	184743	4.042 ppbv	89
10) Heptane	8.26	43	68172	0.387 ppbv	90
11) Trichlorofluoromethane	4.01	101	43761	0.232 ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.55	101	9281	0.059 ppbv #	17
13) Ethanol	3.66	45	81577	6.245 ppbv	97
15) Acetone	3.91	43	498479	3.801 ppbv	93
16) 1,3-Butadiene	3.37	39	11186	0.232 ppbv #	1
17) tert-Butyl alcohol	4.39	59	6748	0.175 ppbv #	100
19) Isopropyl Alcohol	4.04	45	58589	0.627 ppbv #	1
20) Methylene Chloride	4.42	84	64742	0.973 ppbv	95
21) Allyl Chloride	4.44	41	37518	0.348 ppbv #	47
23) Vinyl Acetate	5.15	43	107236	0.461 ppbv #	1
25) Ethyl Acetate	5.79	43	244882	0.811 ppbv #	86
26) Hexane	5.79	57	274675	1.923 ppbv #	48
30) Cyclohexane	7.25	84	7915	0.070 ppbv #	1
34) 2-Butanone	5.35	43	82957	0.440 ppbv	96
35) Carbon Tetrachloride	7.14	117	13412	0.054 ppbv #	83
36) Benzene	7.02	78	516526	1.808 ppbv	98
39) 1,2-Dichloropropane	7.30	63	890816	8.076 ppbv #	27
44) 2,2,4-Trimethylpentane	8.00	57	749803	1.538 ppbv #	91
52) Tetrachloroethene	11.38	164	12013	0.121 ppbv #	86
53) Toluene	9.96	91	4276125	13.059 ppbv	99
58) Ethyl Benzene	12.88	91	422509	1.062 ppbv	94
59) m/p-Xylene	13.13	91	1552690	4.382 ppbv	99
60) o-Xylene	13.86	91	581651	1.702 ppbv	98
61) Styrene	13.70	104	21099	0.092 ppbv #	32
64) n-propylbenzene	15.74	120	6227	0.052 ppbv #	1
65) tert-Butylbenzene	16.94	119	58503	0.142 ppbv #	58
69) p-Isopropyltoluene	17.82	119	14817	0.032 ppbv #	62
72) 4-Ethyltoluene	16.01	105	152614	0.419 ppbv #	96
73) 1,3,5-Trimethylbenzene	16.17	105	64626	0.182 ppbv	94
74) 1,2,4-Trimethylbenzene	16.93	105	530209	1.400 ppbv #	76

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

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Instrument :
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ClientSampleId :
IA-03

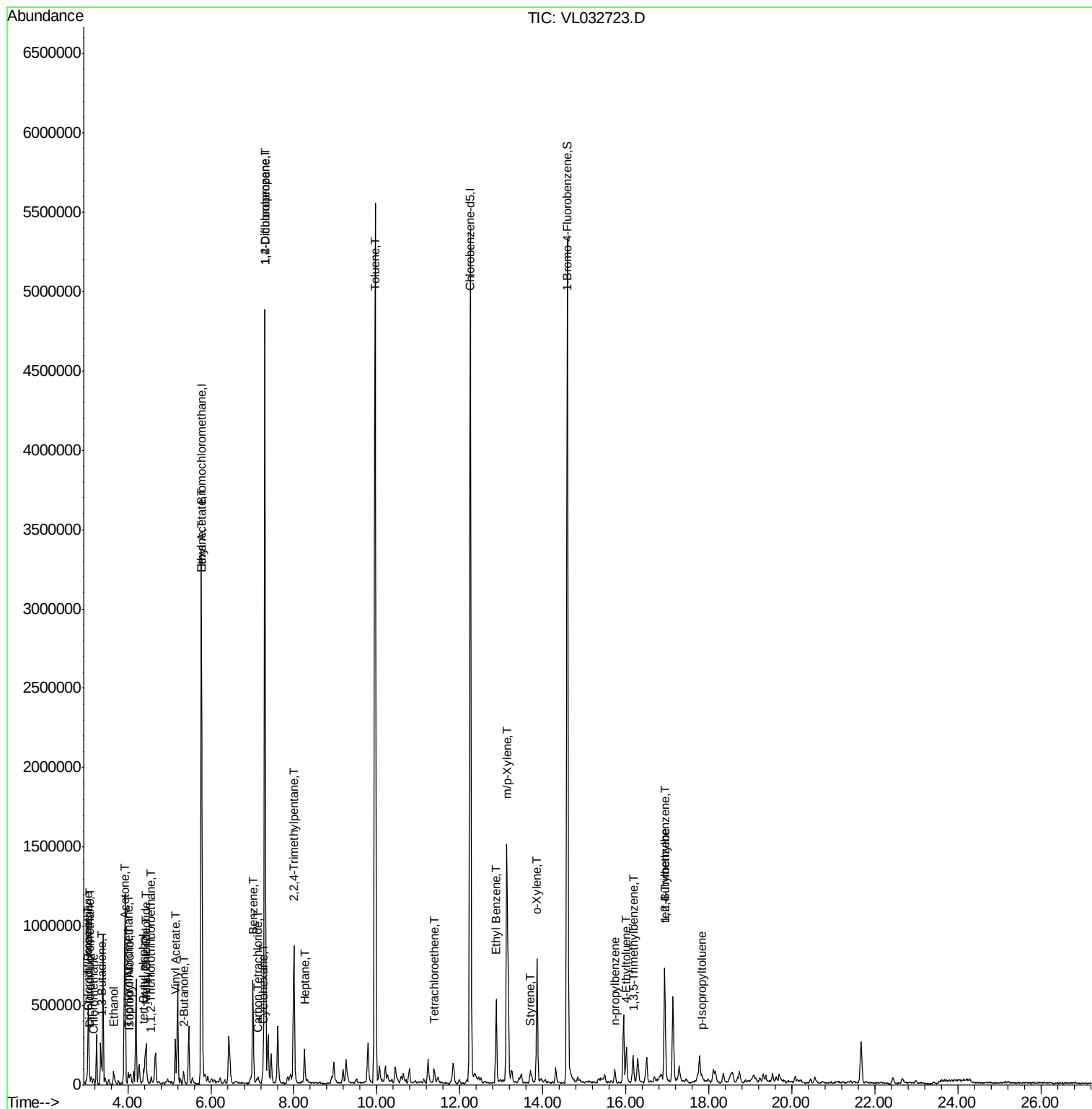
Quant Time: Nov 08 10:54:17 2018

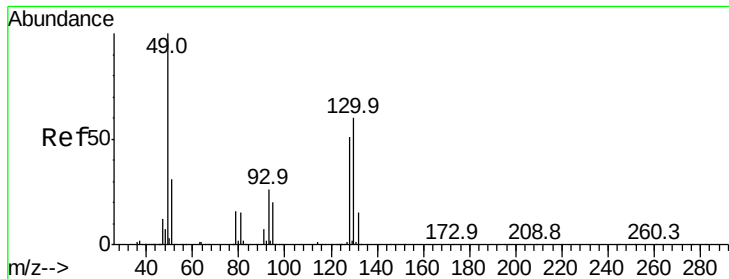
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL101818AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018

QLast Update : Thu Oct 25 05:15:43 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

IA-03

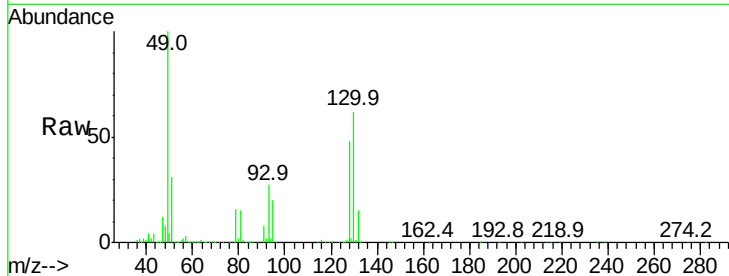
Tgt Ion: 49 Resp: 1420107

Ion Ratio Lower Upper

49 100

128 49.2 22.3 66.8

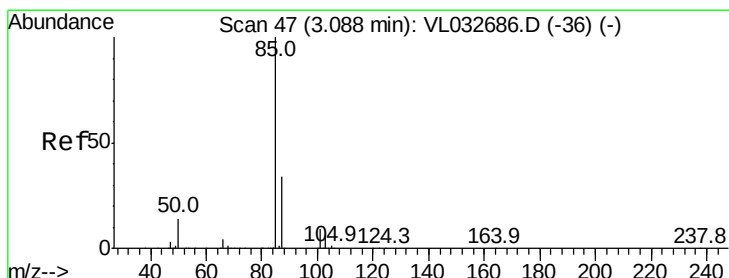
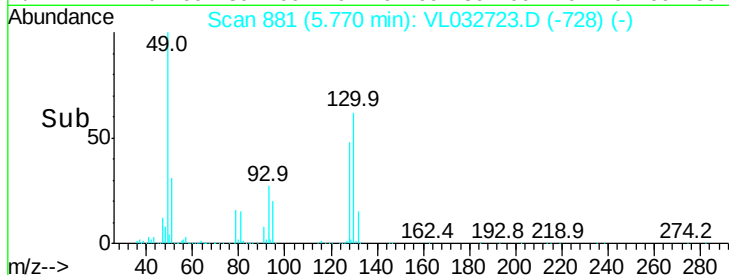
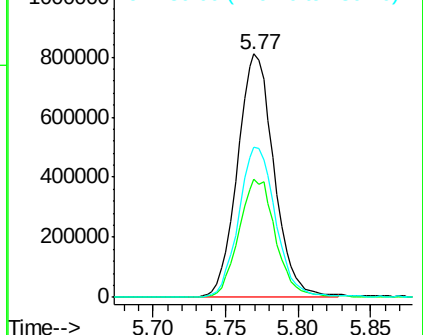
130 63.0 28.4 85.3



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



#2

Dichlorodifluoromethane

Concen: 0.254 ppbv

RT: 3.08 min Scan# 46

Delta R.T. 0.00 min

Lab File: VL032723.D

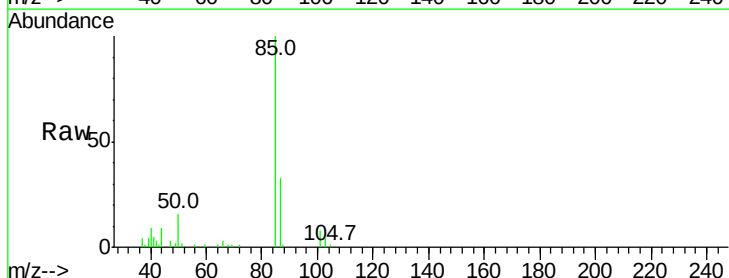
Acq: 7 Nov 2018 19:00

Tgt Ion: 85 Resp: 36748

Ion Ratio Lower Upper

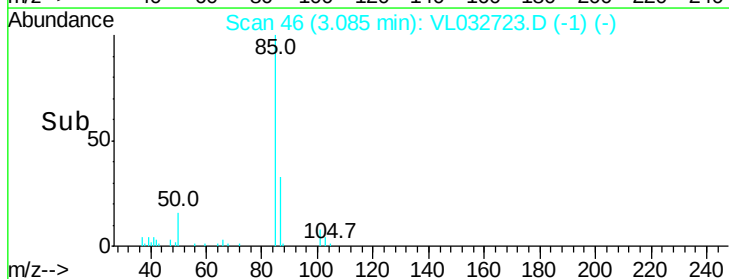
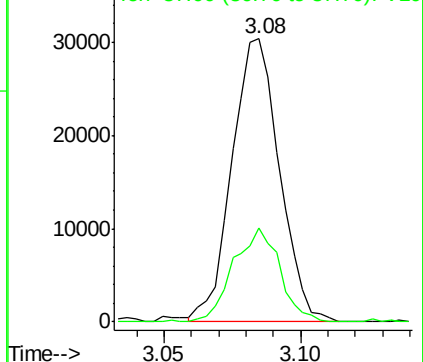
85 100

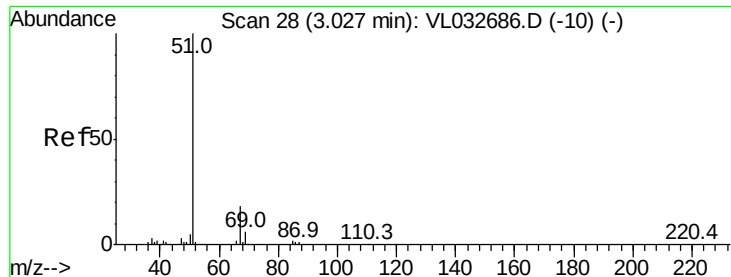
87 33.3 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

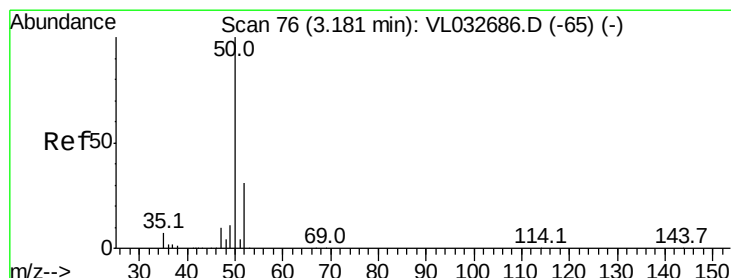
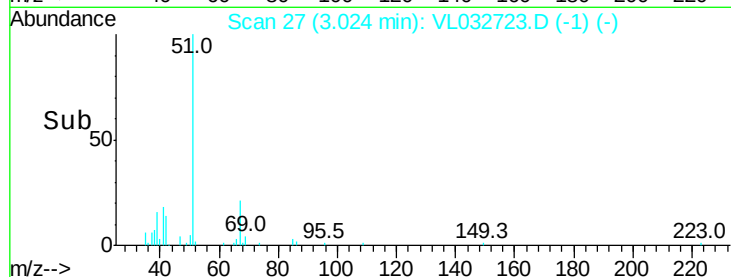
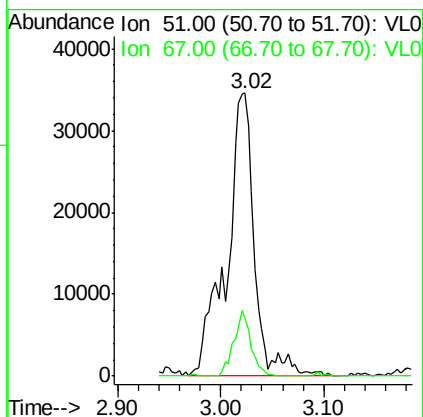
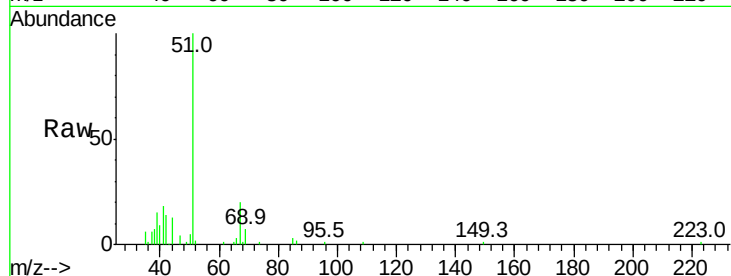




#3
Chlorodifluoromethane
Concen: 0.588 ppbv
RT: 3.02 min Scan# 27
Delta R.T. -0.00 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

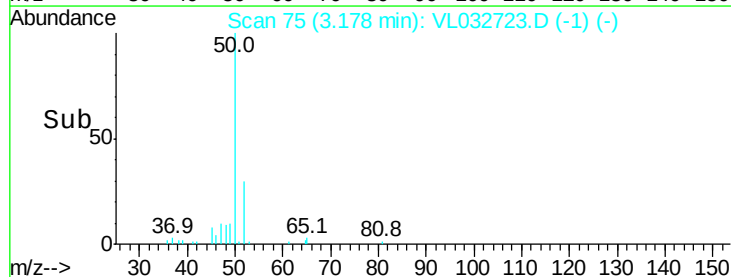
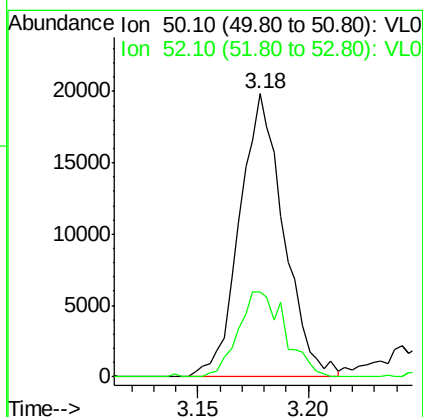
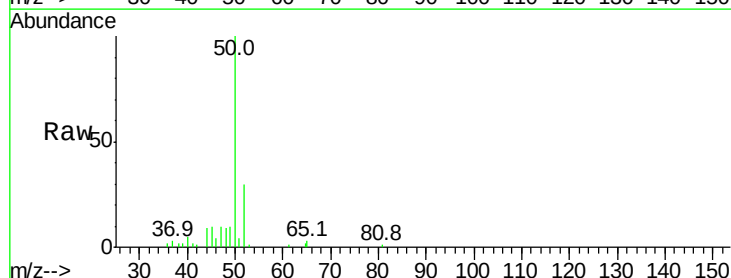
Instrument :
MSVOA_L
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IA-03

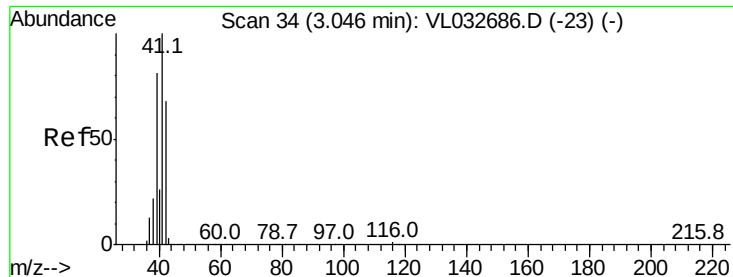
Tgt Ion: 51 Resp: 65300
Ion Ratio Lower Upper
51 100
67 14.2 15.2 22.8#



#4
Chloromethane
Concen: 0.447 ppbv
RT: 3.18 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion: 50 Resp: 27719
Ion Ratio Lower Upper
50 100
52 29.9 25.9 38.9





#9

Propene

Concen: 4.042 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

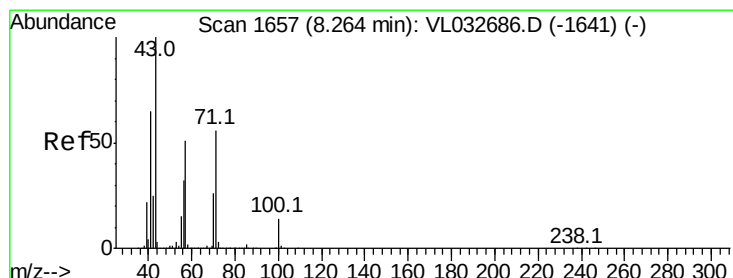
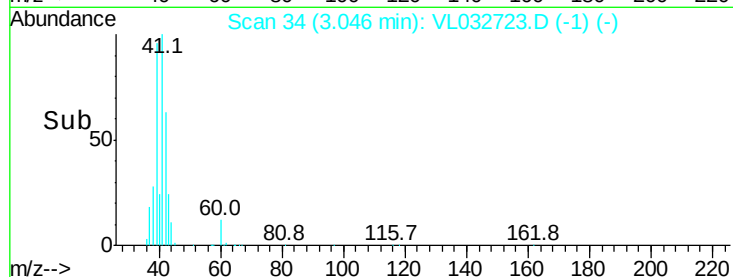
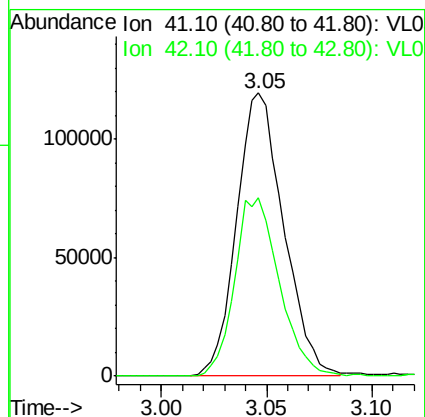
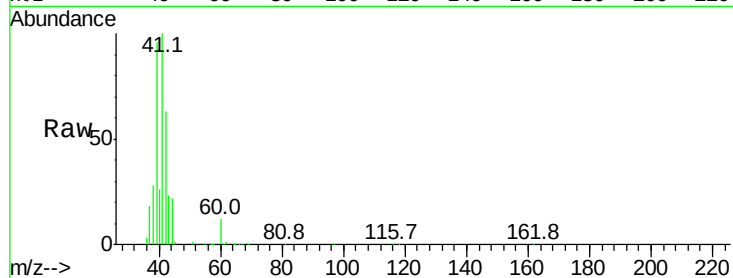
IA-03

Tgt Ion: 41 Resp: 184743

Ion Ratio Lower Upper

41 100

42 60.4 55.4 83.0



#10

Heptane

Concen: 0.387 ppbv

RT: 8.26 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VL032723.D

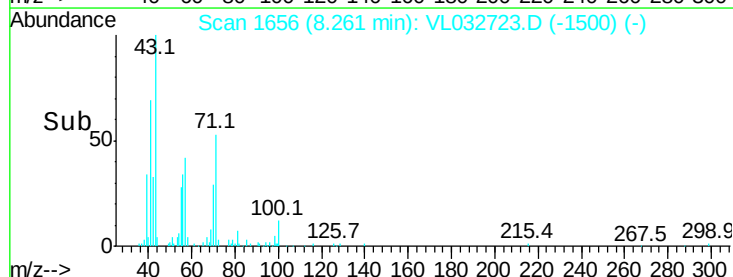
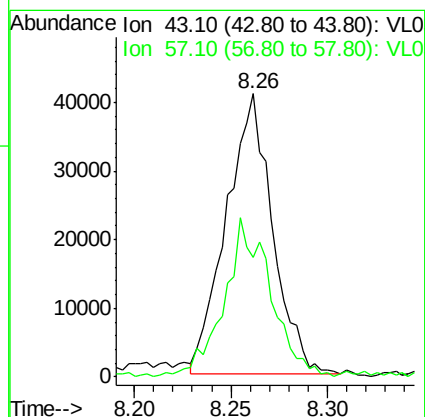
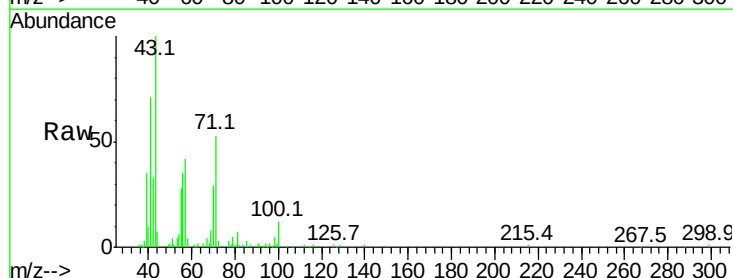
Acq: 7 Nov 2018 19:00

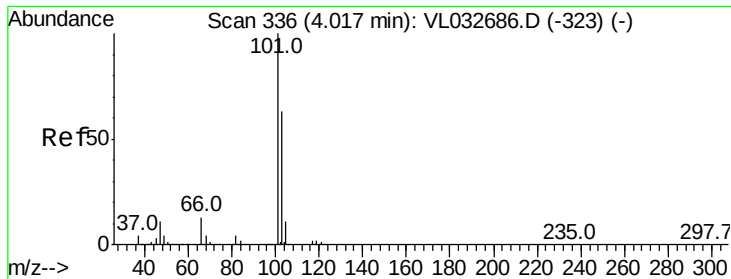
Tgt Ion: 43 Resp: 68172

Ion Ratio Lower Upper

43 100

57 59.1 41.5 62.3





#11

Trichlorofluoromethane

Concen: 0.232 ppbv

RT: 4.01 min Scan# 334

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

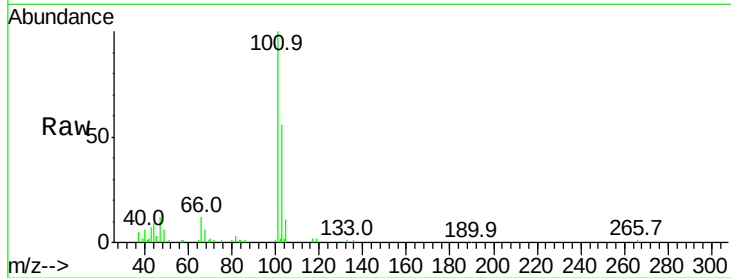
IA-03

Tgt Ion:101 Resp: 43761

Ion Ratio Lower Upper

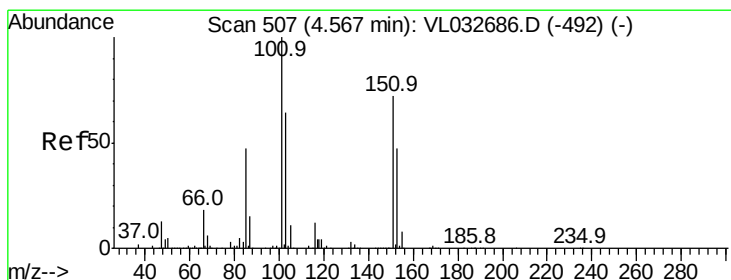
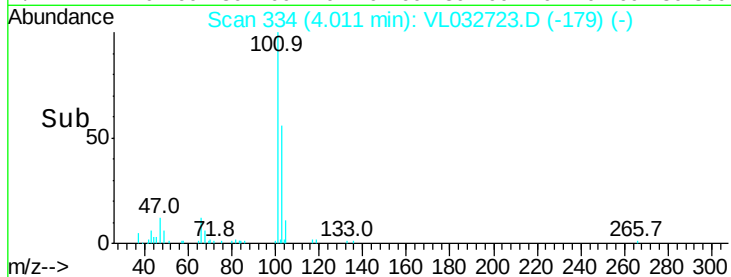
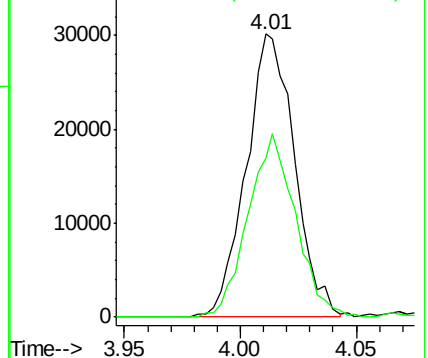
101 100

103 56.1 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.059 ppbv

RT: 4.55 min Scan# 503

Delta R.T. -0.01 min

Lab File: VL032723.D

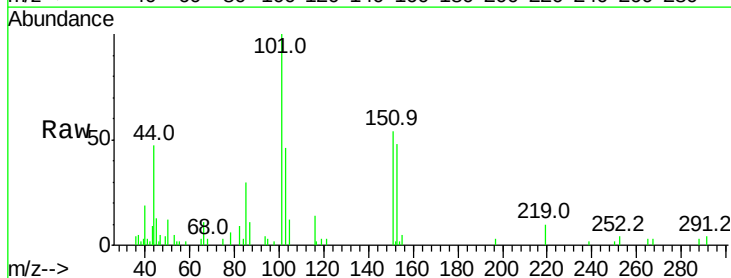
Acq: 7 Nov 2018 19:00

Tgt Ion:101 Resp: 9281

Ion Ratio Lower Upper

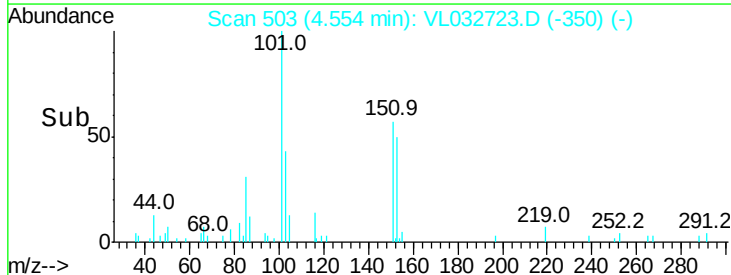
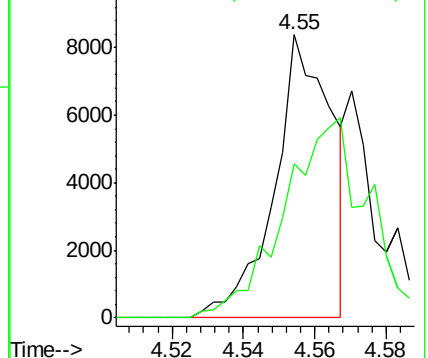
101 100

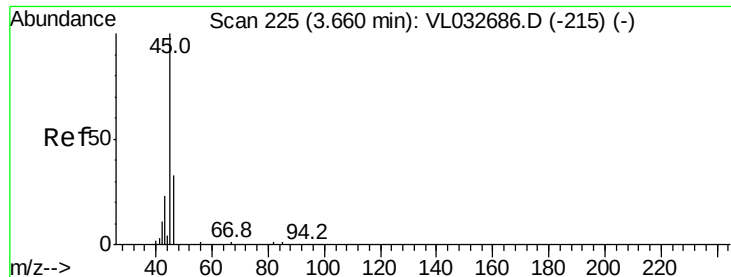
151 0.0 52.3 78.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

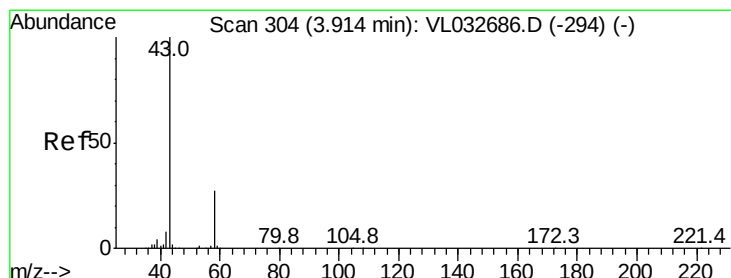
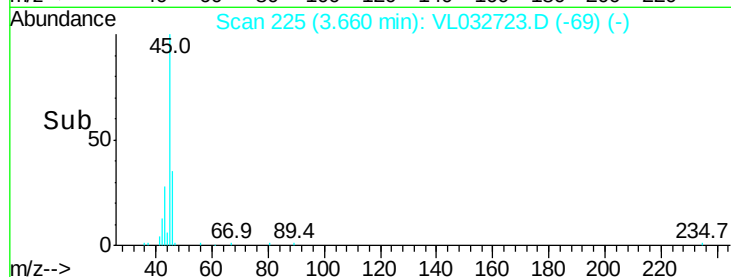
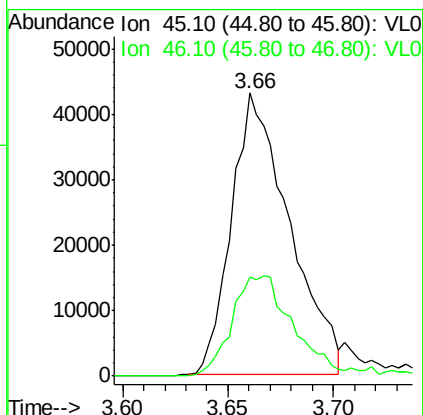
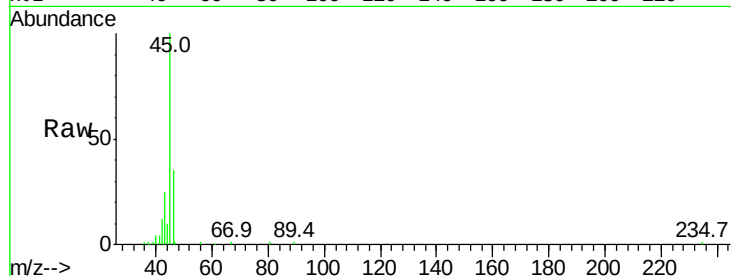




#13
Ethanol
Concen: 6.245 ppbv
RT: 3.66 min Scan# 225
Delta R.T. -0.00 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

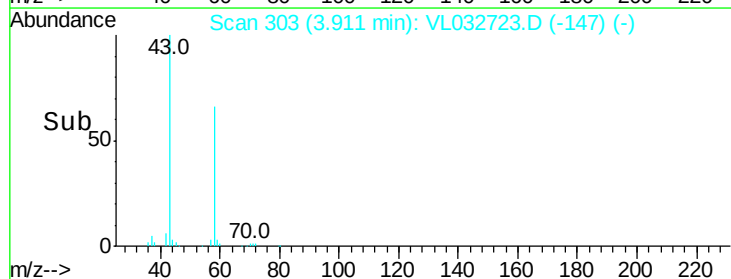
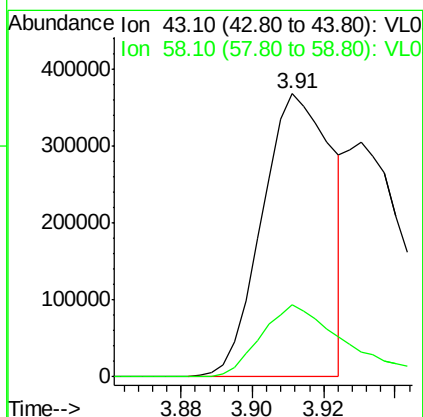
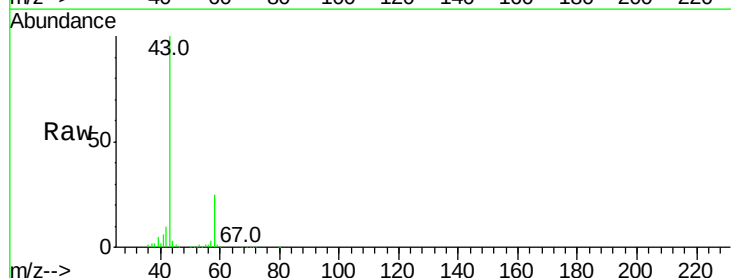
Instrument :
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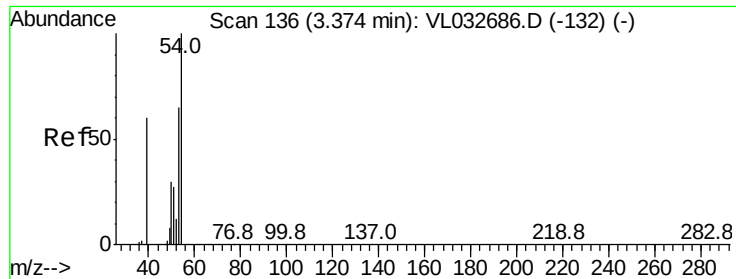
Tgt Ion: 45 Resp: 81577
Ion Ratio Lower Upper
45 100
46 40.6 15.4 61.8



#15
Acetone
Concen: 3.801 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion: 43 Resp: 498479
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1

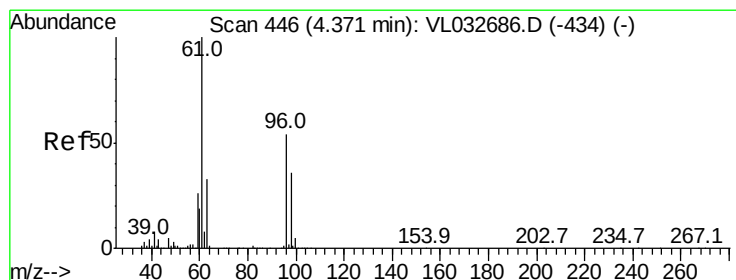
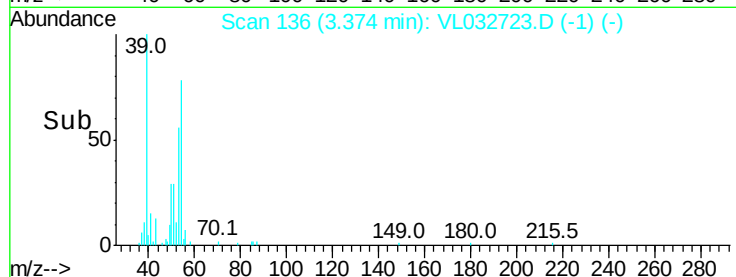
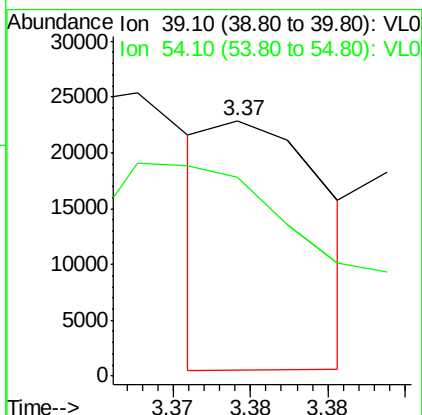
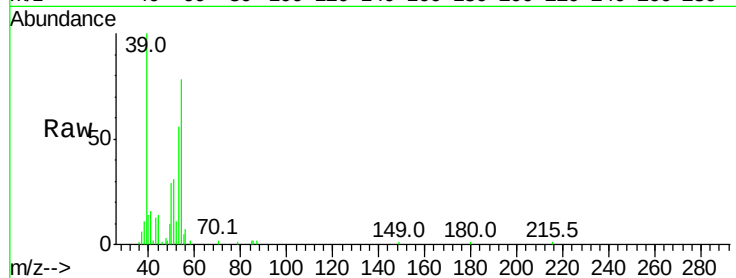




#16
 1,3-Butadiene
 Concen: 0.232 ppbv
 RT: 3.37 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

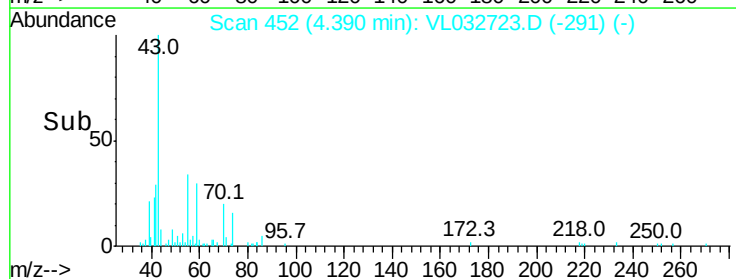
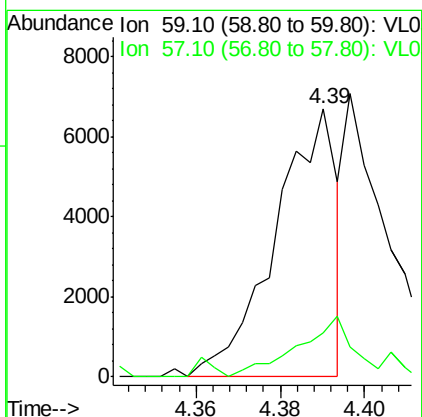
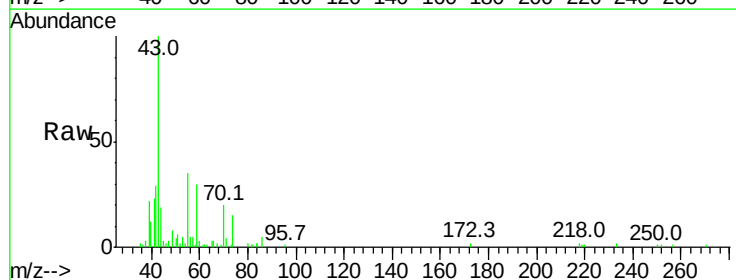
Instrument :
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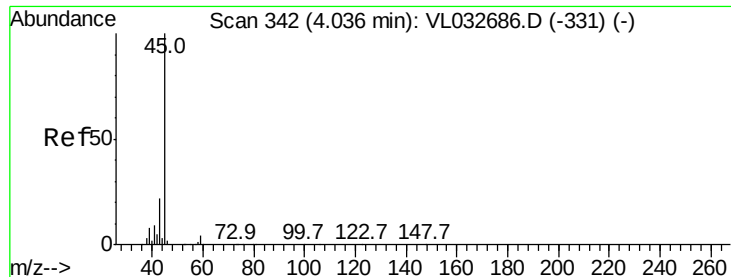
Tgt Ion: 39 Resp: 11186
 Ion Ratio Lower Upper
 39 100
 54 270.0 90.4 135.6#



#17
 tert-Butyl alcohol
 Concen: 0.175 ppbv
 RT: 4.39 min Scan# 452
 Delta R.T. 0.02 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

Tgt Ion: 59 Resp: 6748
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0





#19

Isopropyl Alcohol

Concen: 0.627 ppbv

RT: 4.04 min Scan# 344

Delta R.T. 0.01 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

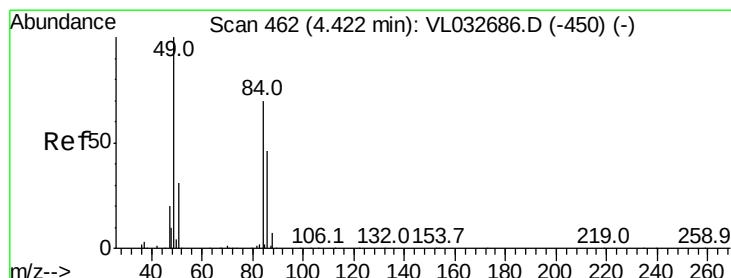
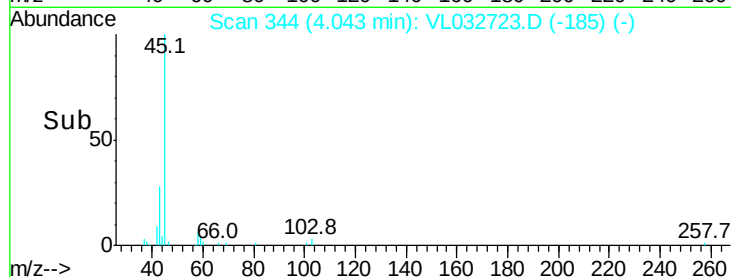
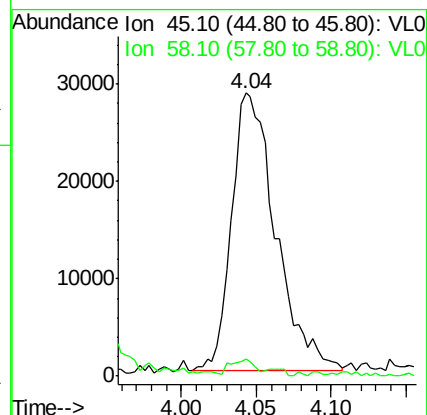
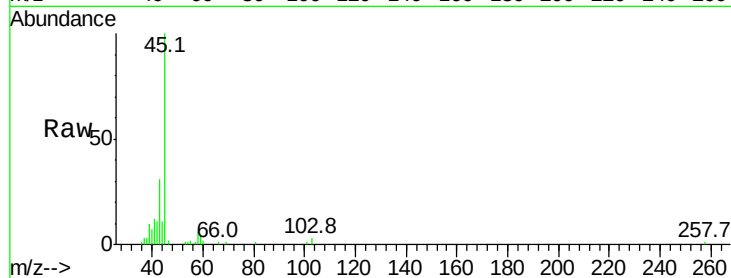
IA-03

Tgt Ion: 45 Resp: 58589

Ion Ratio Lower Upper

45 100

58 265.8 2.0 3.0#



#20

Methylene Chloride

Concen: 0.973 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Tgt Ion: 84 Resp: 64742

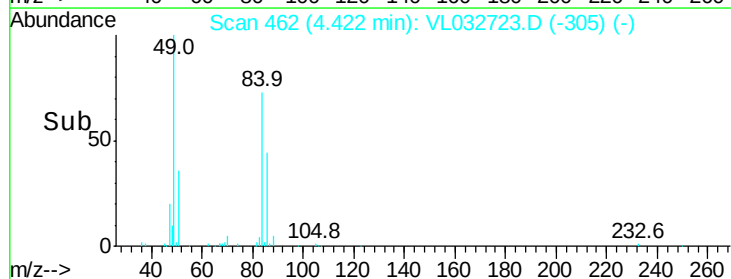
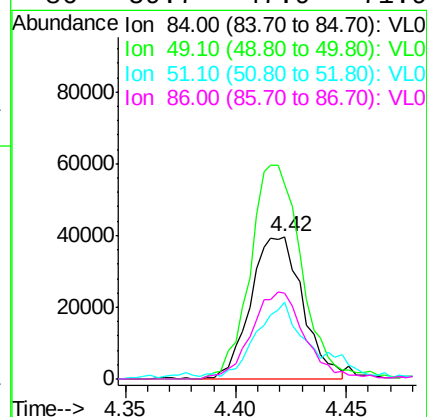
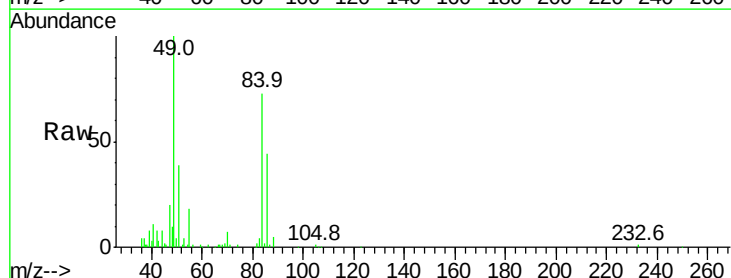
Ion Ratio Lower Upper

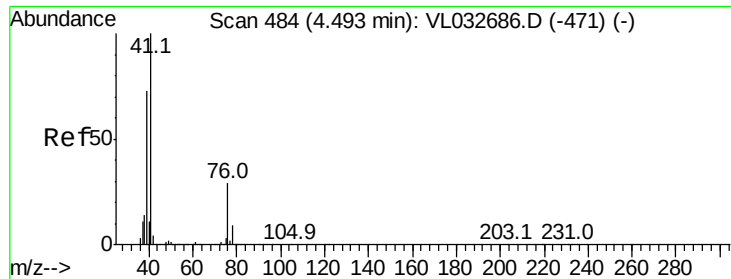
84 100

49 136.3 113.5 170.3

51 50.4 34.8 52.2

86 59.7 47.9 71.9

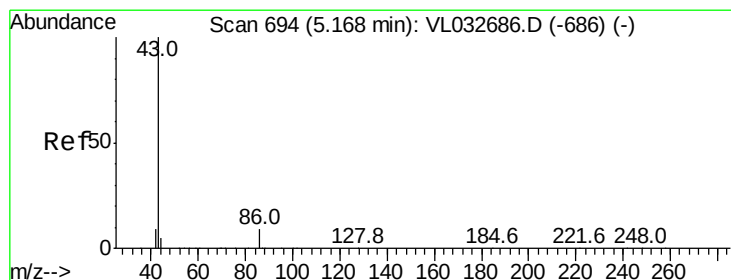
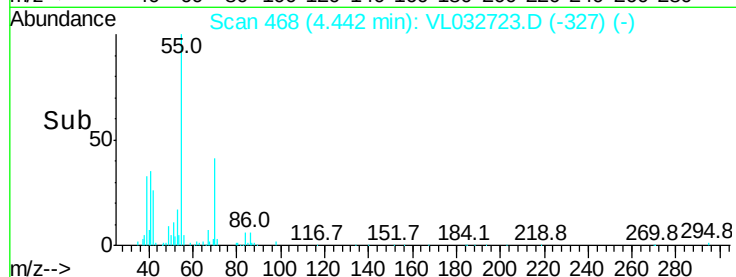
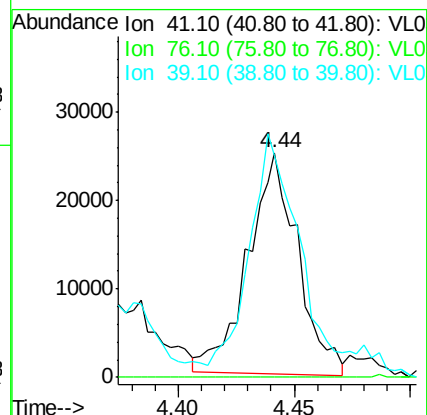
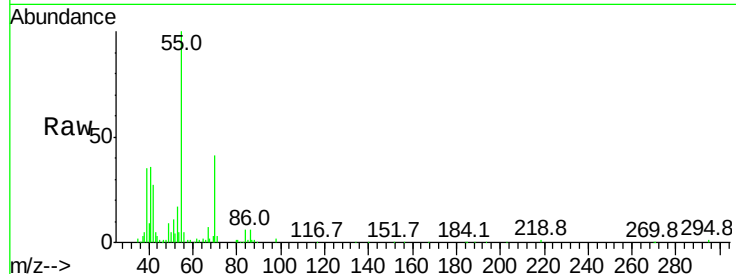




#21
 Allyl Chloride
 Concen: 0.348 ppbv
 RT: 4.44 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

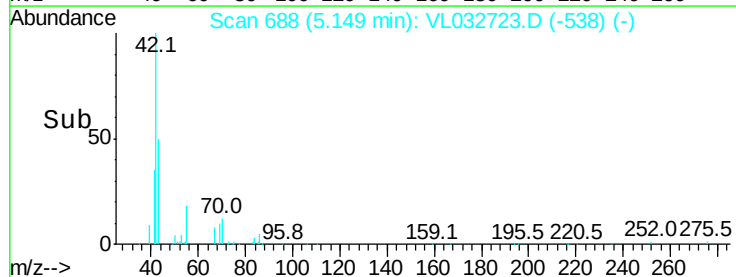
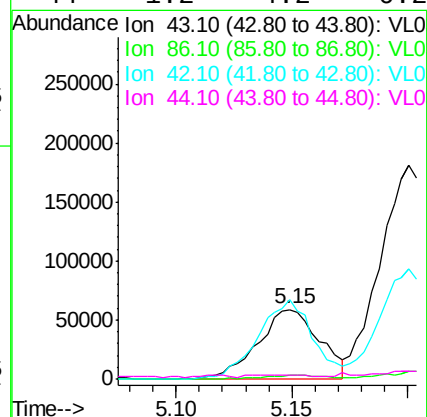
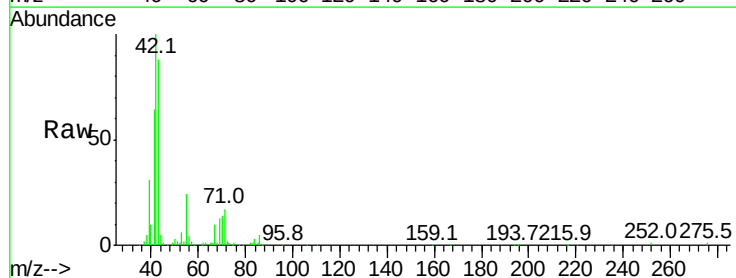
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-03

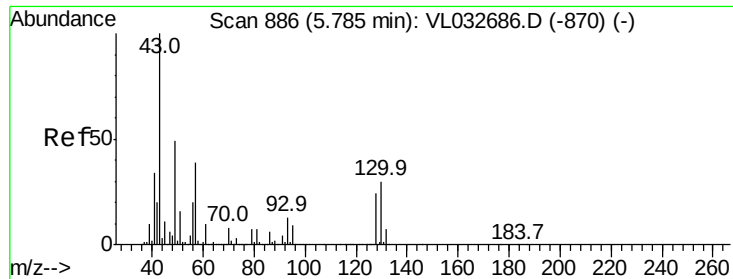
Tgt Ion: 41 Resp: 37518
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.3 36.5#
 39 120.1 60.3 90.5#



#23
 Vinyl Acetate
 Concen: 0.461 ppbv
 RT: 5.15 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

Tgt Ion: 43 Resp: 107236
 Ion Ratio Lower Upper
 43 100
 86 6.0 6.1 9.1#
 42 112.4 7.4 11.2#
 44 1.2 4.2 6.2#

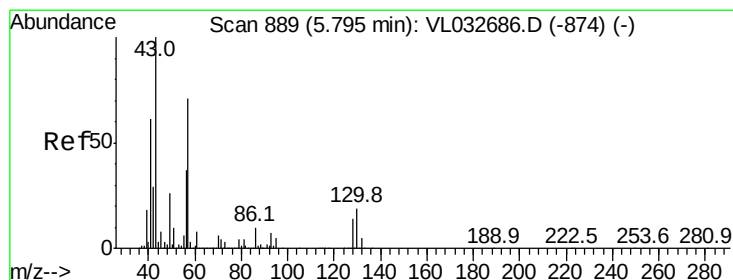
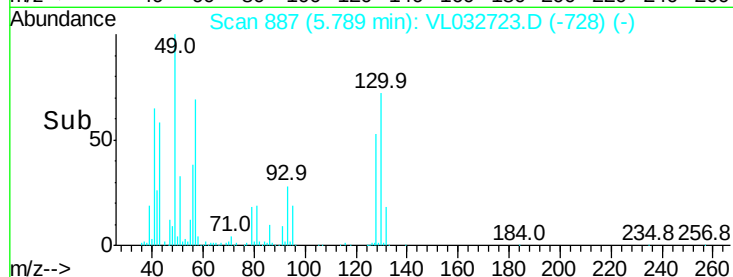
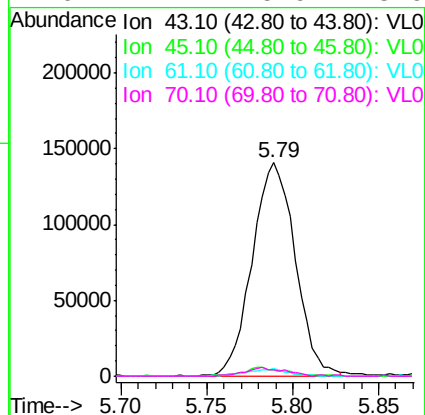
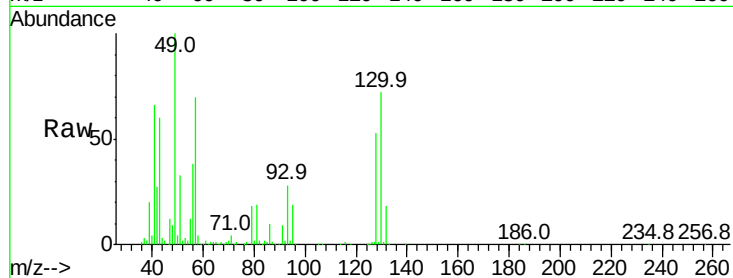




#25
Ethyl Acetate
Concen: 0.811 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

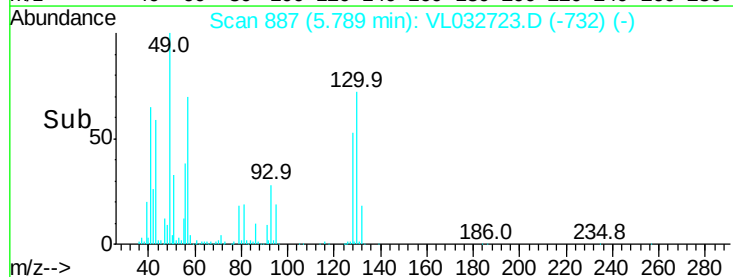
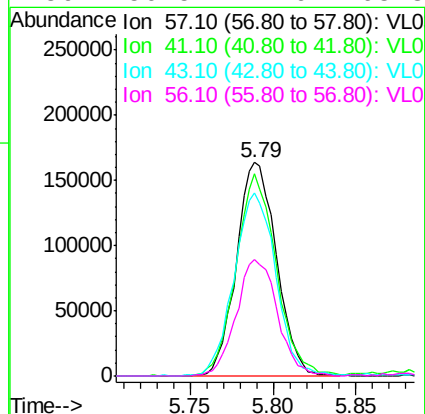
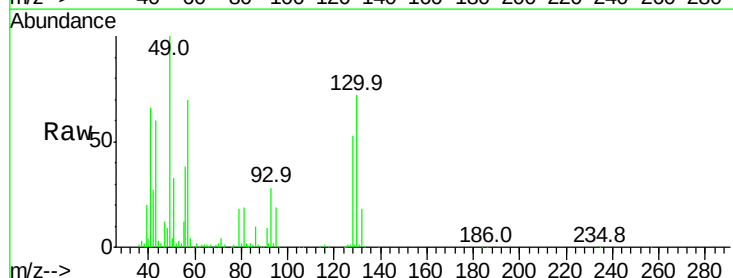
Instrument :
MSVOA_L
ClientSampleId :
IA-03

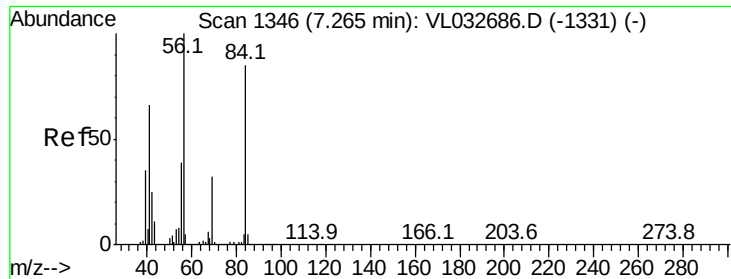
Tgt Ion:	43	Resp:	244882
Ion	Ratio	Lower	Upper
43	100		
45	4.5	8.0	12.0#
61	3.4	8.0	12.0#
70	4.2	5.9	8.9#



#26
Hexane
Concen: 1.923 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion:	57	Resp:	274675
Ion	Ratio	Lower	Upper
57	100		
41	95.5	67.4	101.0
43	90.1	171.9	257.9#
56	56.5	42.6	63.8

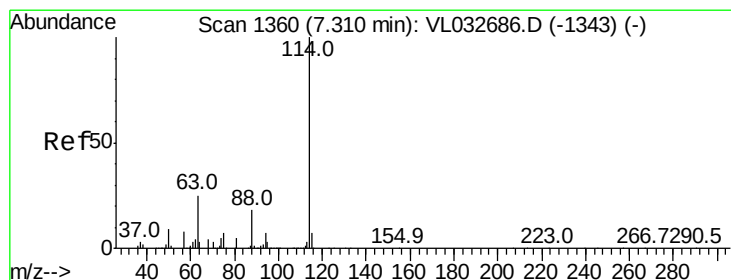
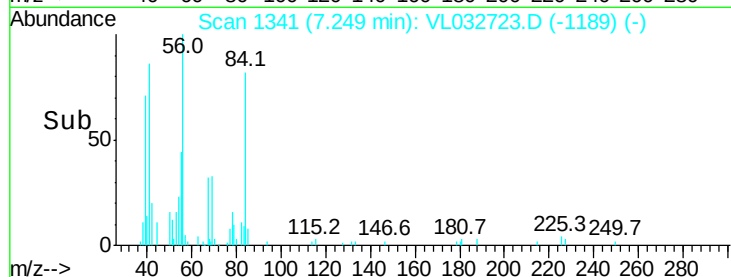
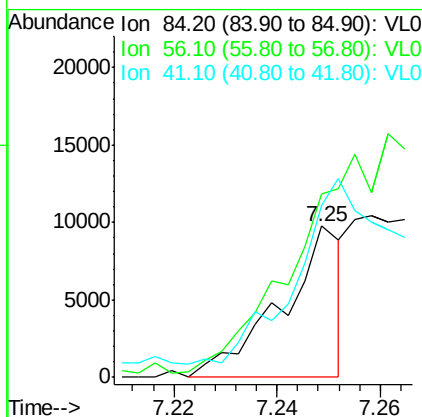
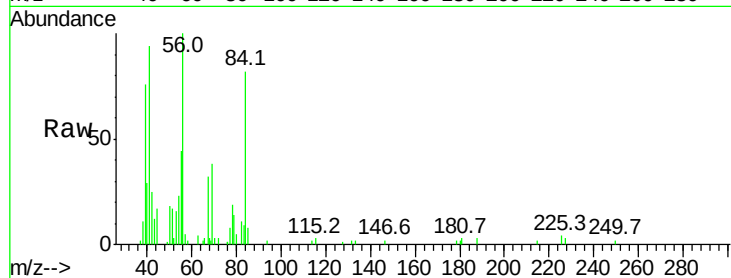




#30
Cyclohexane
Concen: 0.070 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

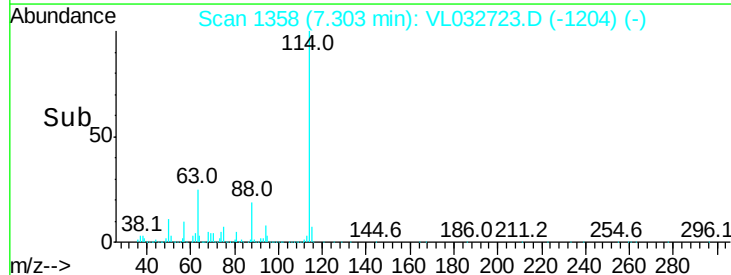
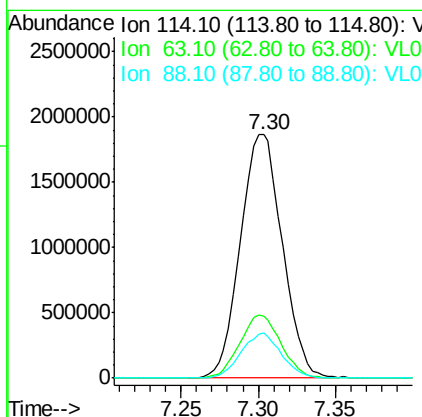
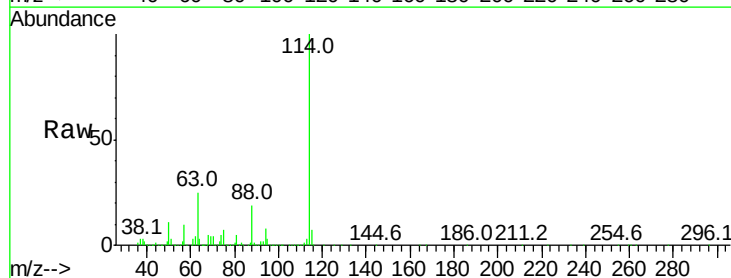
Instrument :
MSVOA_L
ClientSampleId :
IA-03

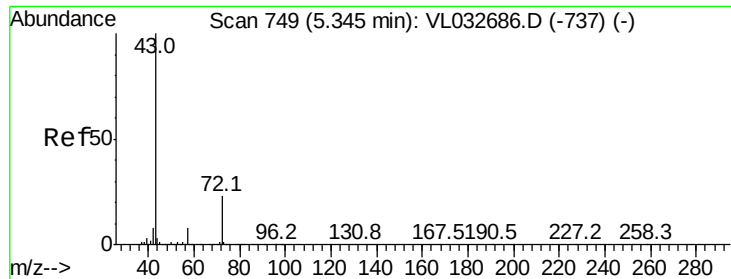
Tgt Ion: 84 Resp: 7915
Ion Ratio Lower Upper
84 100
56 0.0 108.3 162.5#
41 337.7 64.8 97.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion: 114 Resp: 3517614
Ion Ratio Lower Upper
114 100
63 25.6 21.7 32.5
88 17.9 14.9 22.3

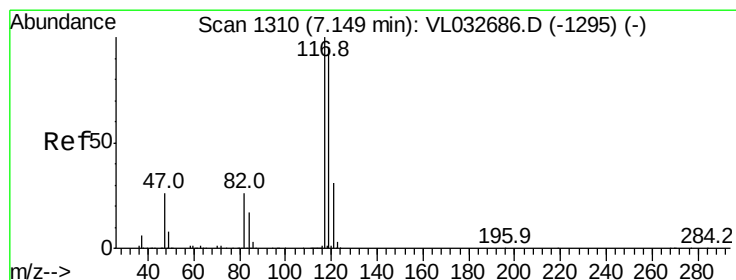
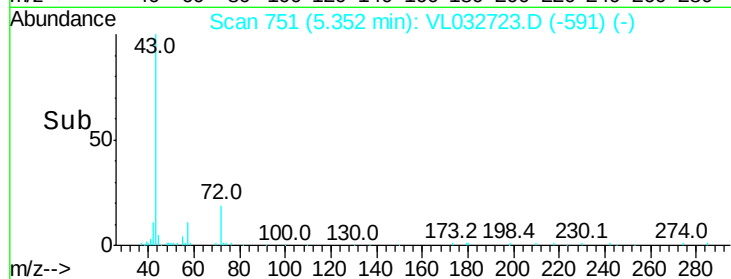
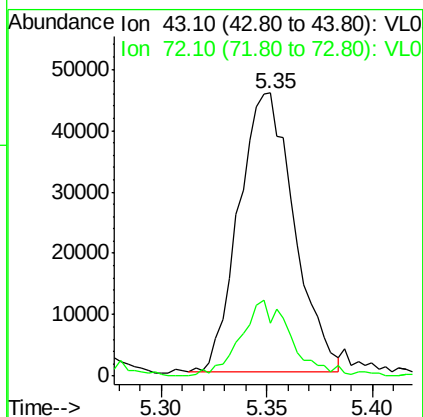
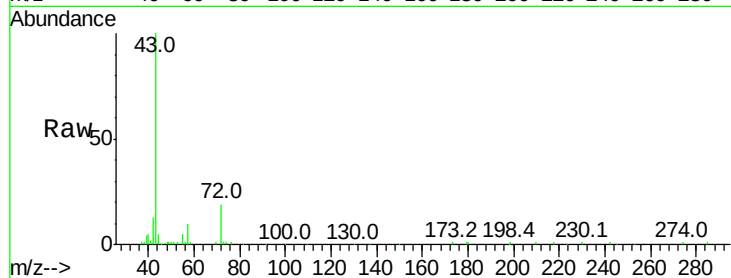




#34
2-Butanone
Concen: 0.440 ppbv
RT: 5.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

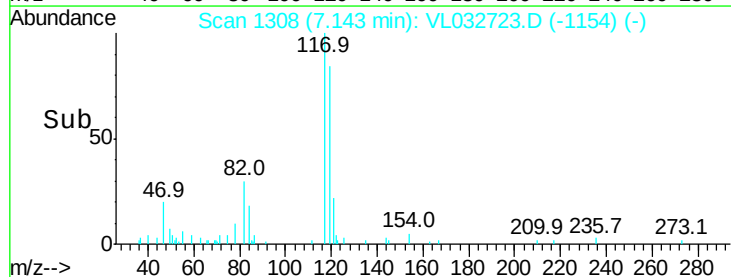
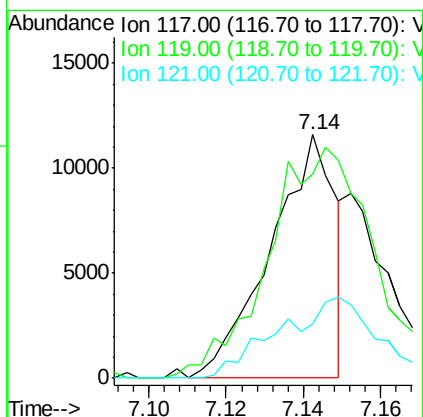
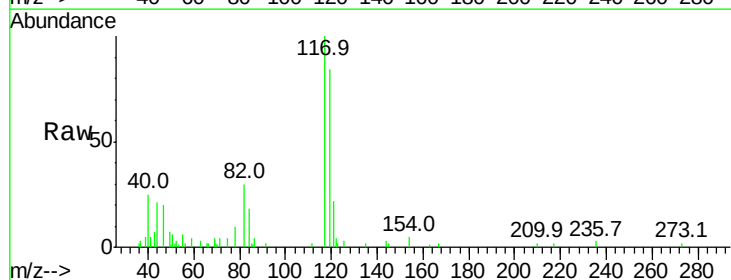
Instrument :
MSVOA_L
ClientSampled :
IA-03

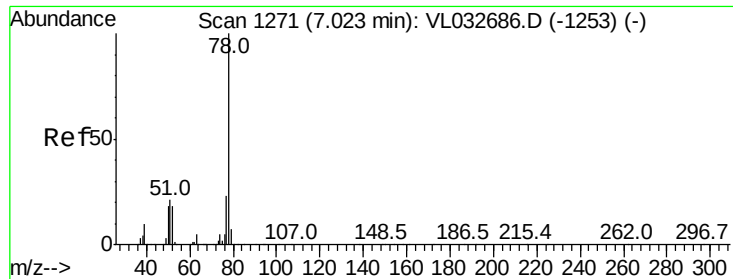
Tgt Ion: 43 Resp: 82957
Ion Ratio Lower Upper
43 100
72 25.4 18.6 27.8



#35
Carbon Tetrachloride
Concen: 0.054 ppbv
RT: 7.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion: 117 Resp: 13412
Ion Ratio Lower Upper
117 100
119 78.2 75.7 113.5
121 22.2 24.7 37.1#





#36

Benzene

Concen: 1.808 ppbv

RT: 7.02 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

IA-03

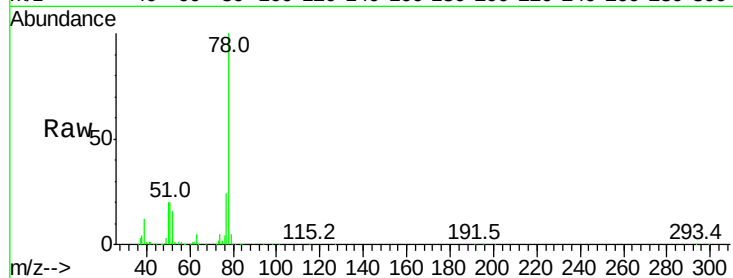
Tgt Ion: 78 Resp: 516526

Ion Ratio Lower Upper

78 100

77 24.2 18.1 27.1

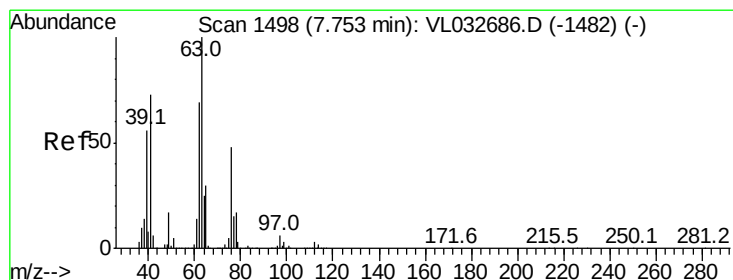
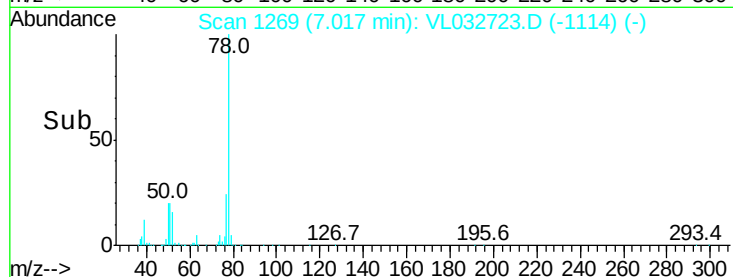
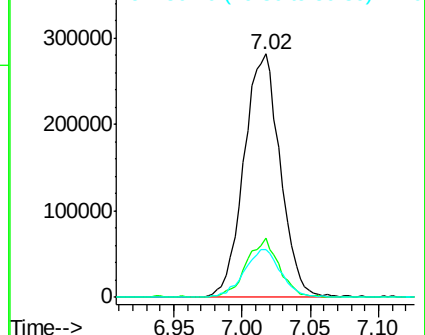
50 19.6 15.1 22.7



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: 8.076 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.45 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

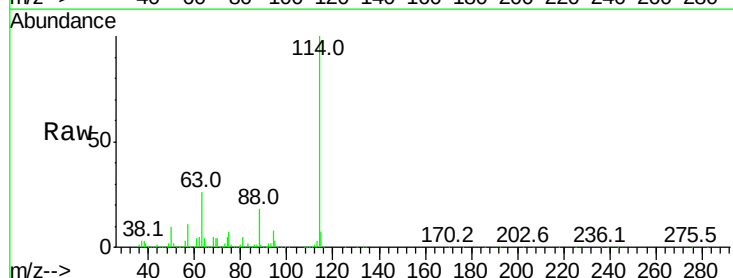
Tgt Ion: 63 Resp: 890816

Ion Ratio Lower Upper

63 100

41 0.0 56.2 84.4#

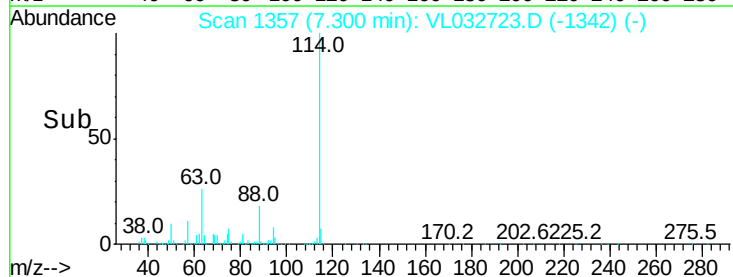
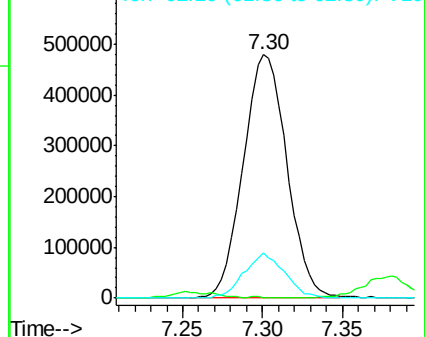
62 18.8 54.4 81.6#

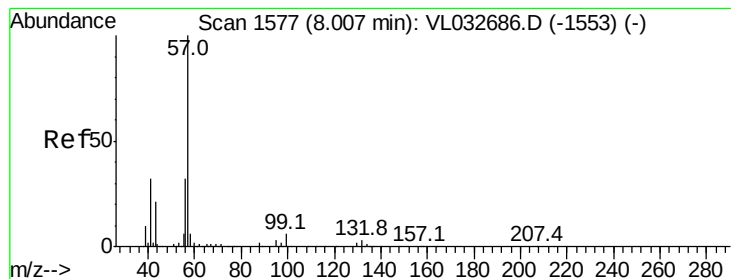


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 1.538 ppbv

RT: 8.00 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

IA-03

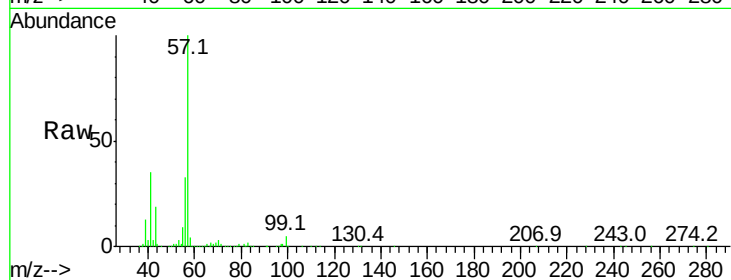
Tgt Ion: 57 Resp: 749803

Ion Ratio Lower Upper

57 100

41 37.6 24.7 37.1#

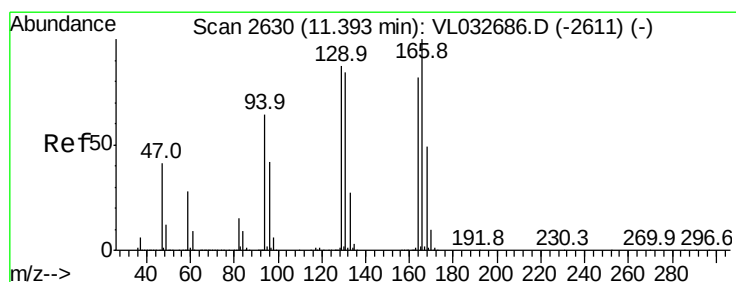
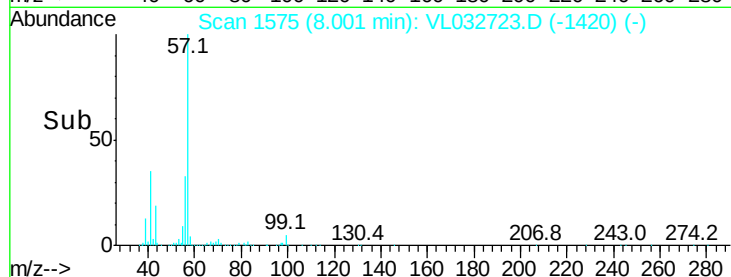
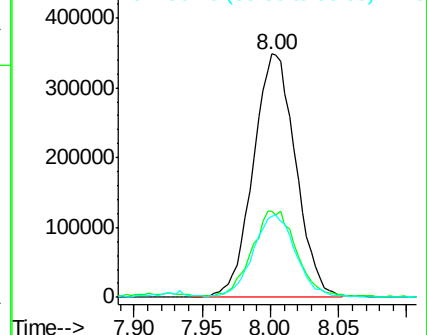
56 34.5 25.0 37.4



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#52

Tetrachloroethene

Concen: 0.121 ppbv

RT: 11.38 min Scan# 2626

Delta R.T. -0.01 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Tgt Ion:164 Resp: 12013

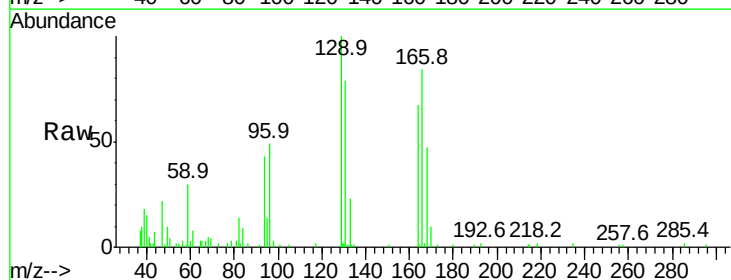
Ion Ratio Lower Upper

164 100

166 120.7 100.5 150.7

129 147.1 90.0 135.0#

131 114.9 86.6 129.8

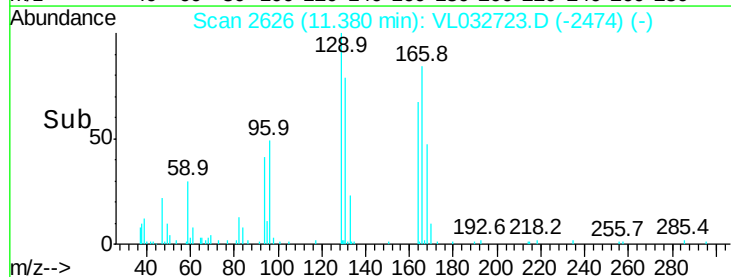
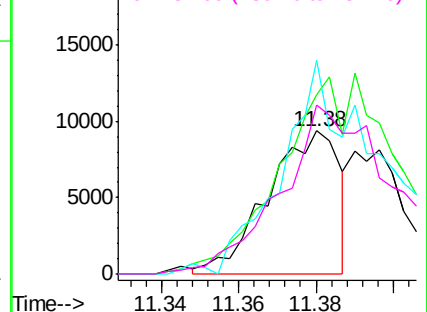


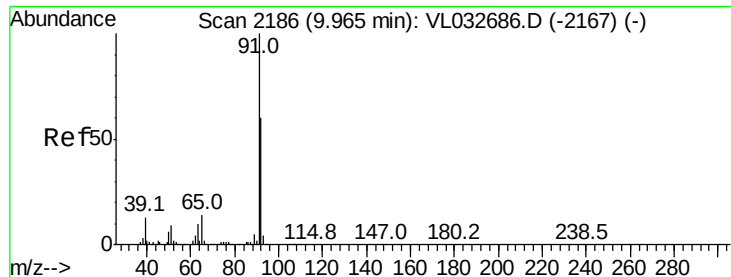
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 13.059 ppbv

RT: 9.96 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

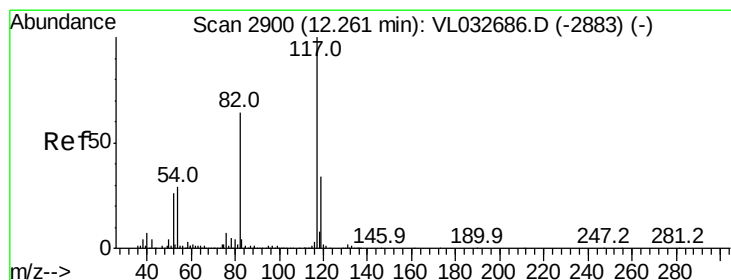
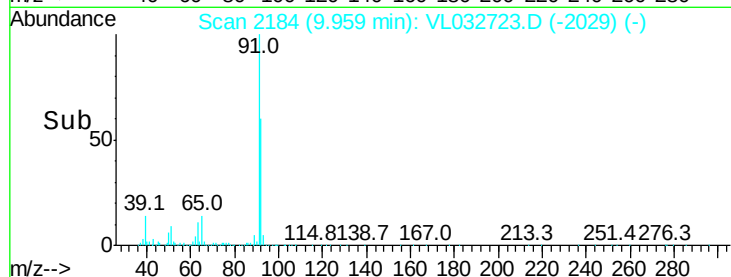
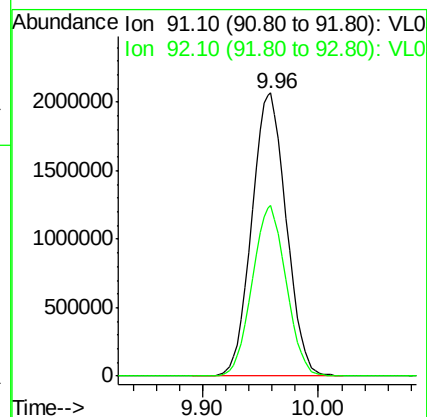
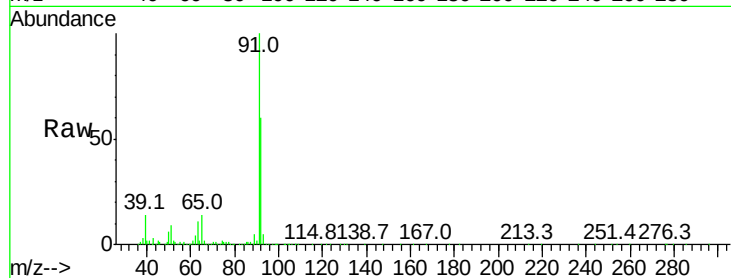
IA-03

Tgt Ion: 91 Resp: 4276125

Ion Ratio Lower Upper

91 100

92 59.5 48.4 72.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2897

Delta R.T. -0.01 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

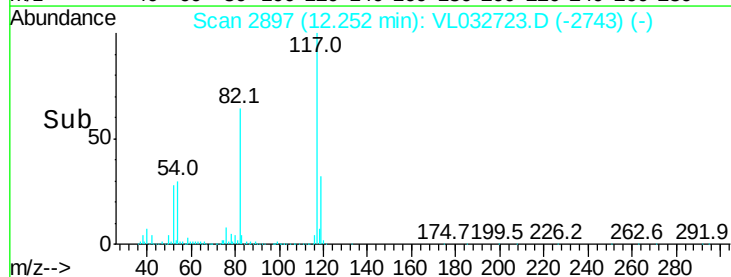
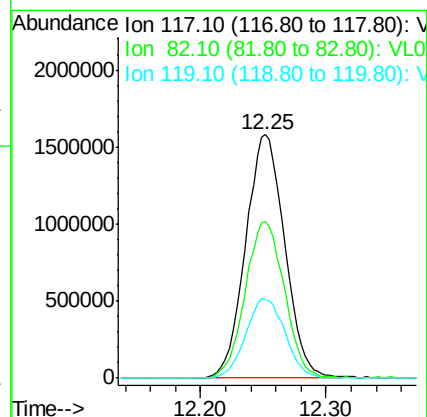
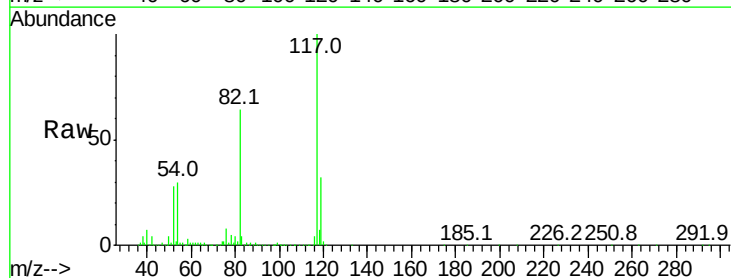
Tgt Ion: 117 Resp: 3425277

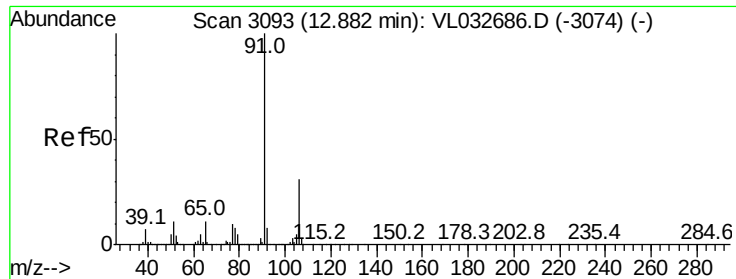
Ion Ratio Lower Upper

117 100

82 64.5 52.7 79.1

119 32.9 26.7 40.1





#58

Ethyl Benzene

Concen: 1.062 ppbv

RT: 12.88 min Scan# 3092

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

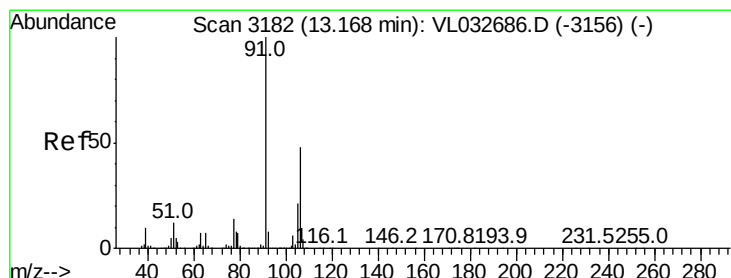
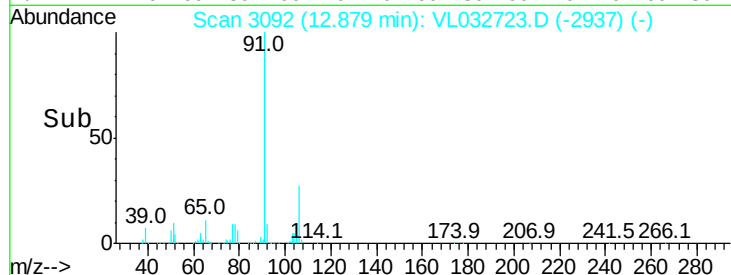
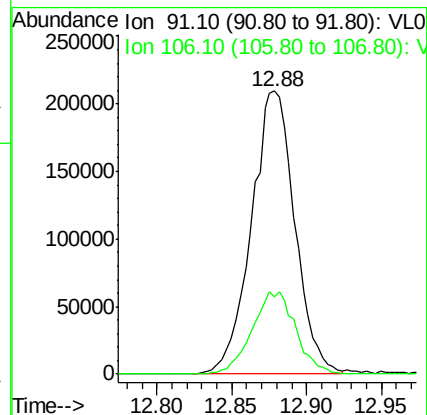
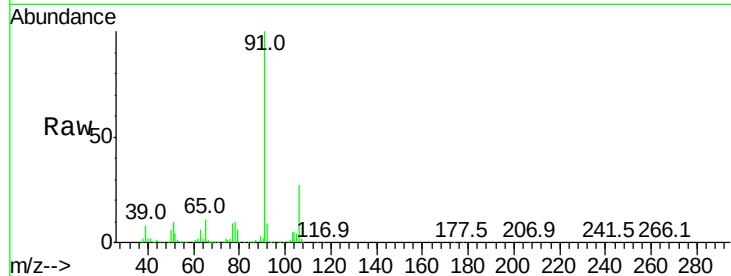
IA-03

Tgt Ion: 91 Resp: 422509

Ion Ratio Lower Upper

91 100

106 27.1 24.2 36.2



#59

m/p-Xylene

Concen: 4.382 ppbv

RT: 13.13 min Scan# 3171

Delta R.T. -0.04 min

Lab File: VL032723.D

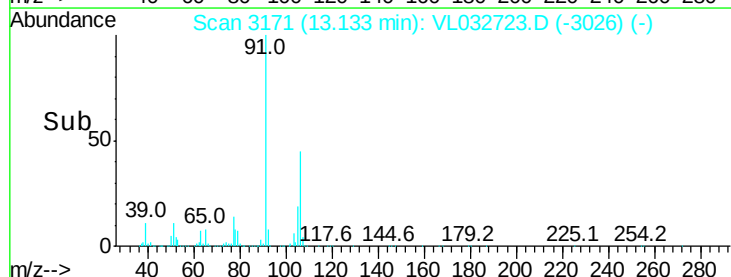
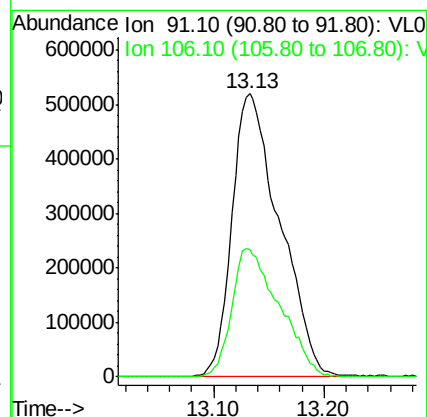
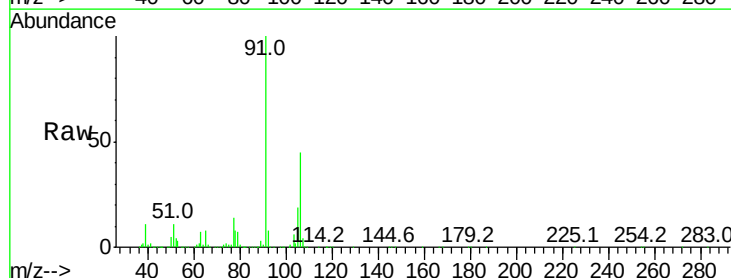
Acq: 7 Nov 2018 19:00

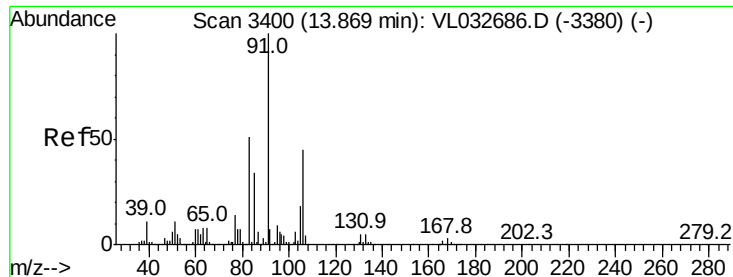
Tgt Ion: 91 Resp: 1552690

Ion Ratio Lower Upper

91 100

106 45.4 35.9 53.9

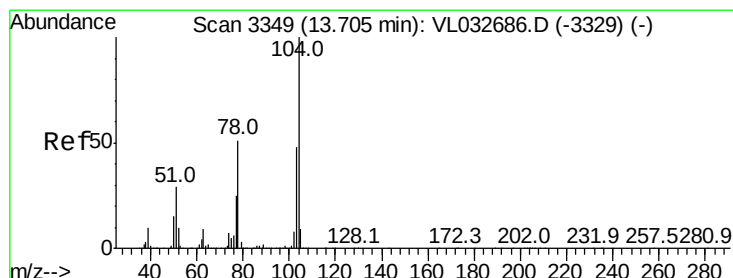
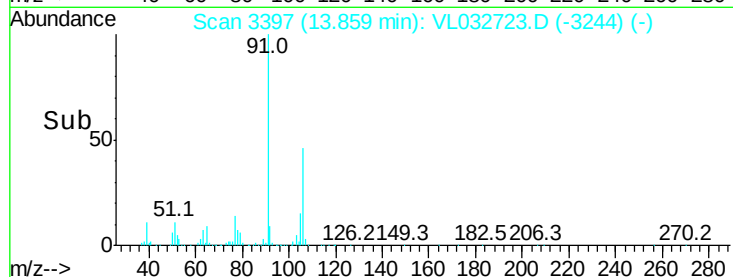
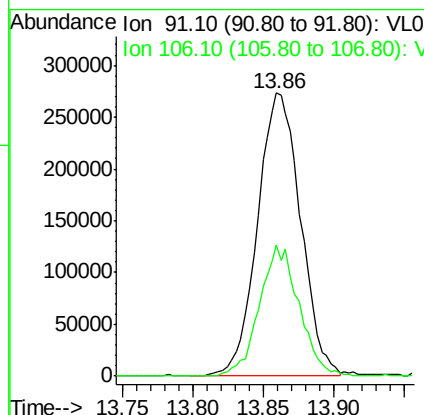
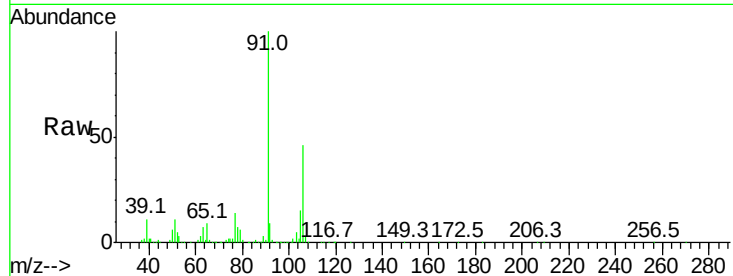




#60
o-Xylene
Concen: 1.702 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

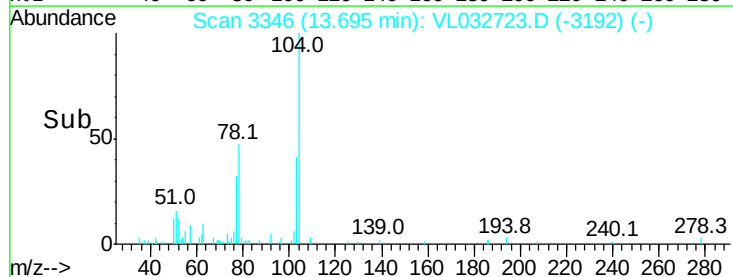
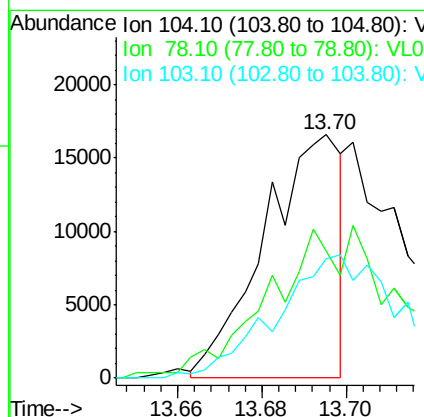
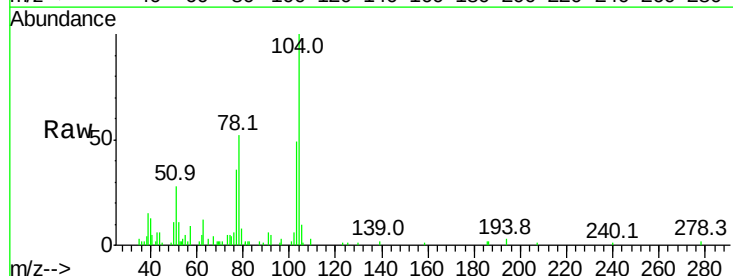
Instrument :
MSVOA_L
ClientSampleId :
IA-03

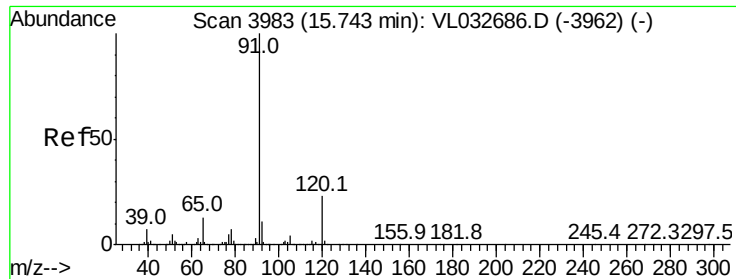
Tgt Ion: 91 Resp: 581651
Ion Ratio Lower Upper
91 100
106 42.7 22.1 66.1



#61
Styrene
Concen: 0.092 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. -0.01 min
Lab File: VL032723.D
Acq: 7 Nov 2018 19:00

Tgt Ion: 104 Resp: 21099
Ion Ratio Lower Upper
104 100
78 109.6 42.8 64.2#
103 84.0 37.4 56.0#





#64

n-propylbenzene

Concen: 0.052 ppbv

RT: 15.74 min Scan# 3981

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

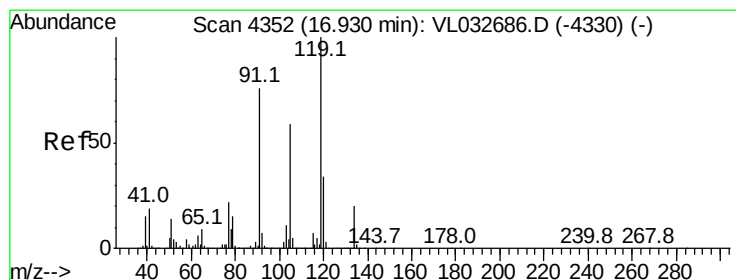
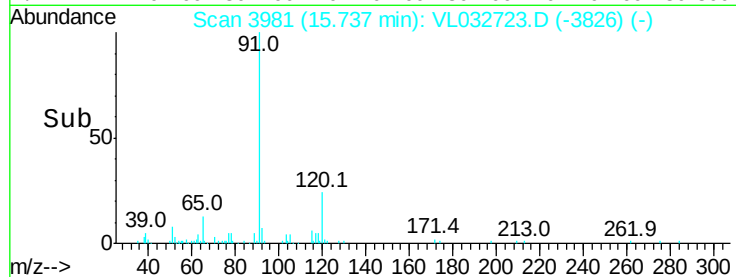
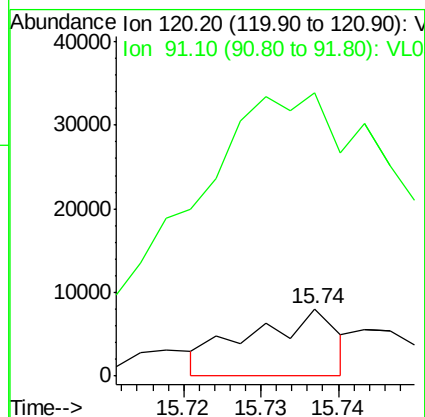
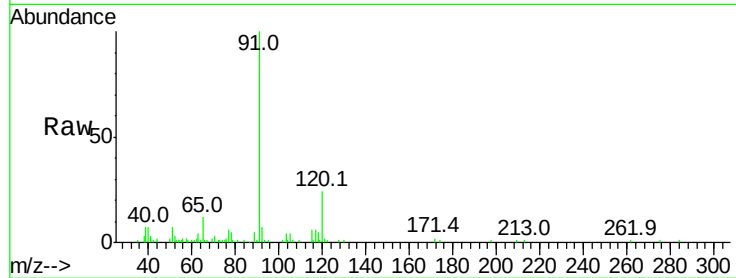
IA-03

Tgt Ion:120 Resp: 6227

Ion Ratio Lower Upper

120 100

91 1217.3 390.2 585.2#



#65

tert-Butylbenzene

Concen: 0.142 ppbv

RT: 16.94 min Scan# 4354

Delta R.T. 0.01 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

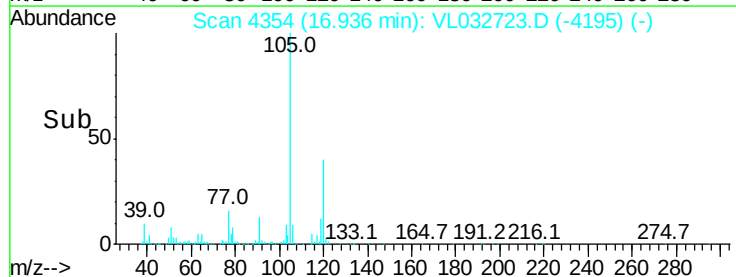
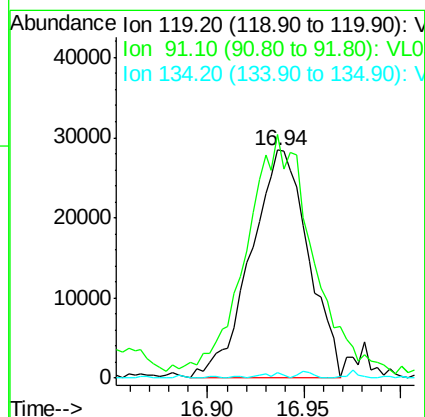
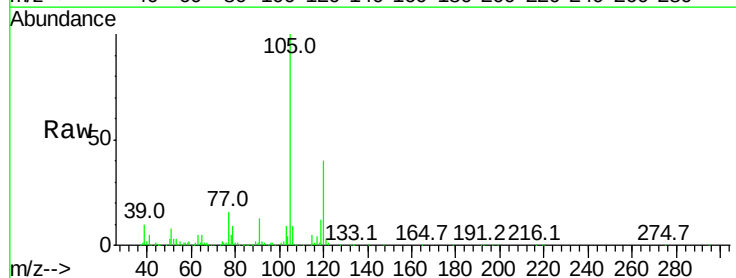
Tgt Ion:119 Resp: 58503

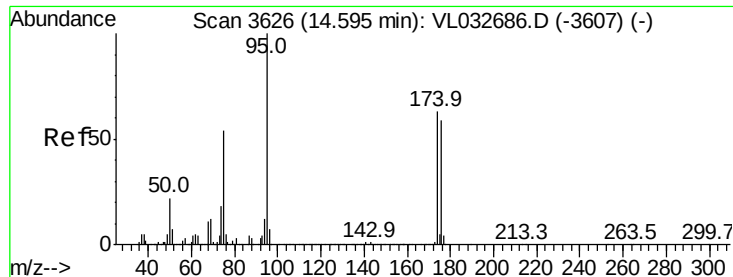
Ion Ratio Lower Upper

119 100

91 124.2 67.8 101.8#

134 2.0 15.8 23.8#

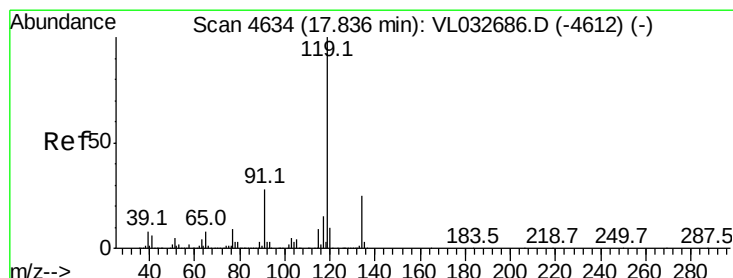
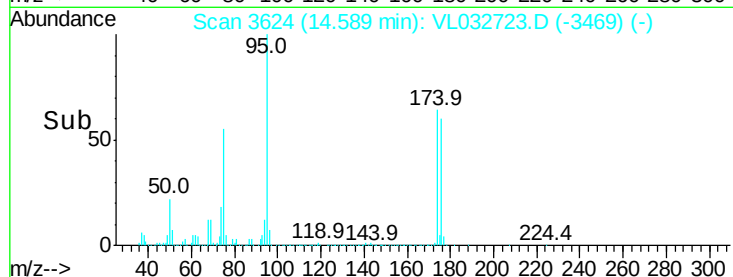
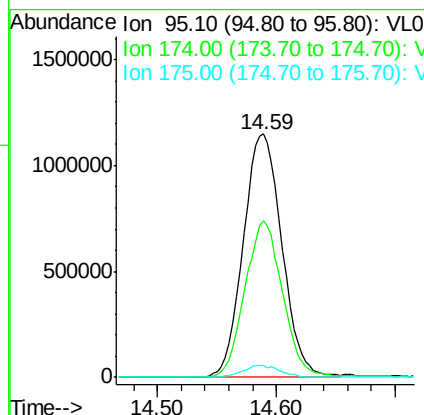
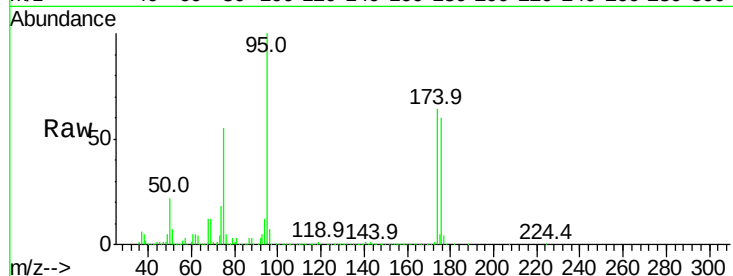




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.133 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. -0.00 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

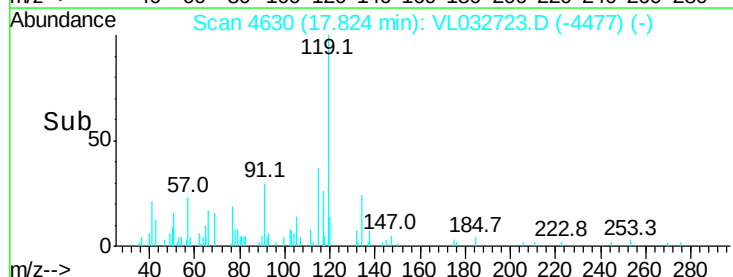
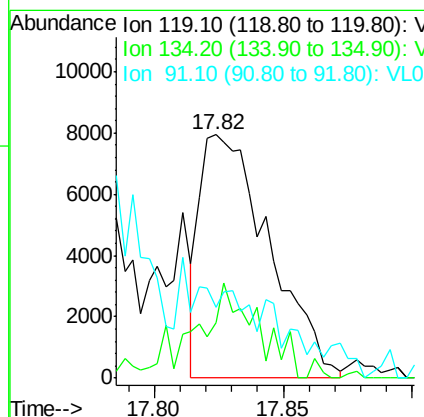
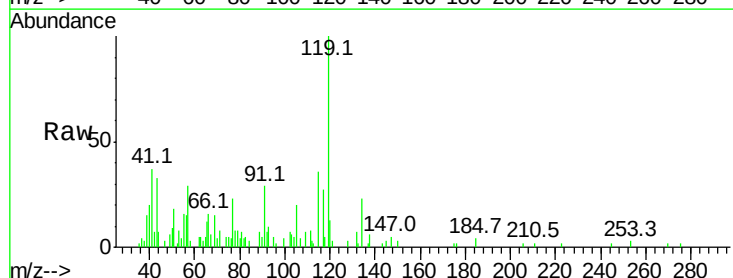
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-03

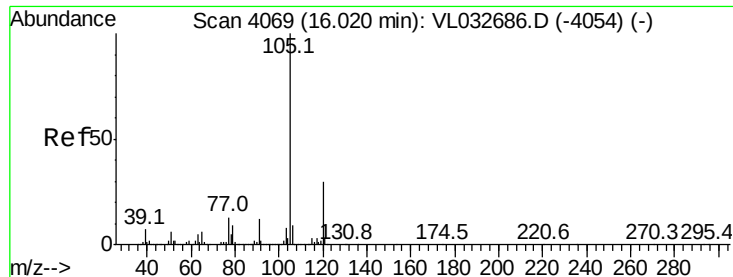
Tgt Ion: 95 Resp: 2584426
 Ion Ratio Lower Upper
 95 100
 174 63.7 46.0 69.0
 175 4.8 3.4 5.0



#69
 p-Isopropyltoluene
 Concen: 0.032 ppbv
 RT: 17.82 min Scan# 4630
 Delta R.T. -0.01 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

Tgt Ion: 119 Resp: 14817
 Ion Ratio Lower Upper
 119 100
 134 38.1 20.2 30.2#
 91 55.8 24.0 36.0#





#72

4-Ethyltoluene

Concen: 0.419 ppbv

RT: 16.01 min Scan# 4067

Delta R.T. -0.00 min

Lab File: VL032723.D

Acq: 7 Nov 2018 19:00

Instrument :

MSVOA_L

ClientSampleId :

IA-03

Tgt Ion:105 Resp: 152614

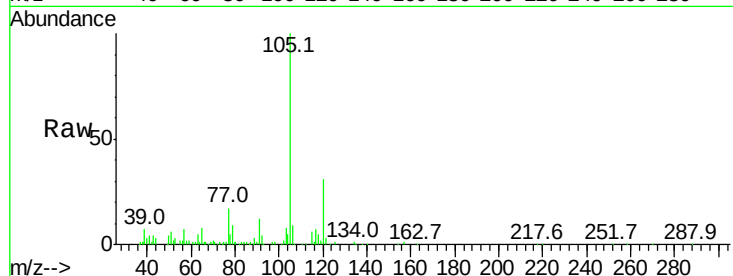
Ion Ratio Lower Upper

105 100

120 29.8 23.7 35.5

91 17.1 10.4 15.6#

77 16.5 11.4 17.2

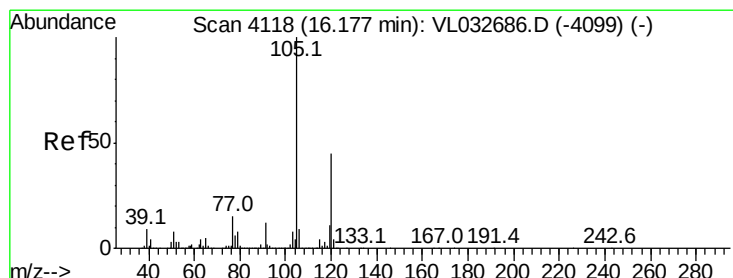
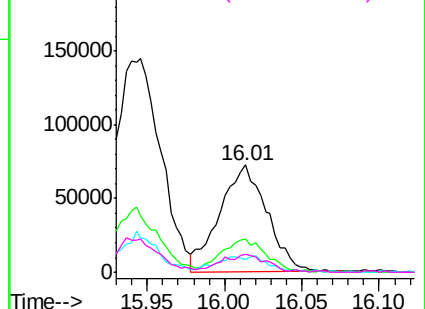
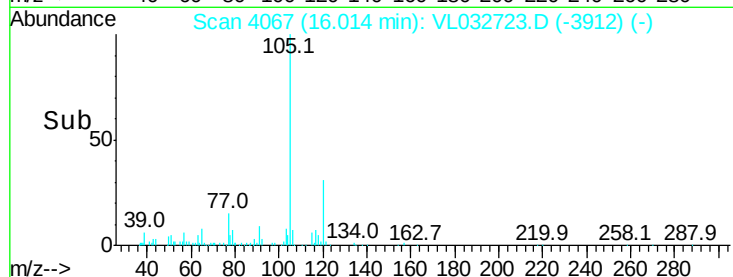


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.182 ppbv

RT: 16.17 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VL032723.D

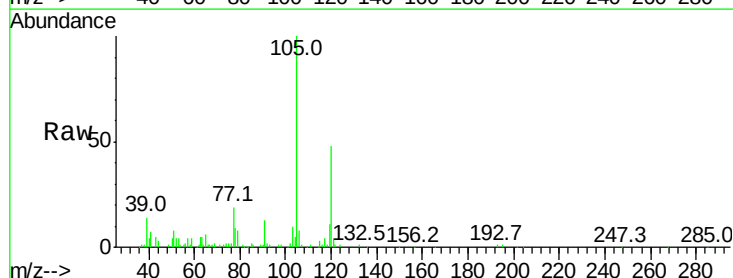
Acq: 7 Nov 2018 19:00

Tgt Ion:105 Resp: 64626

Ion Ratio Lower Upper

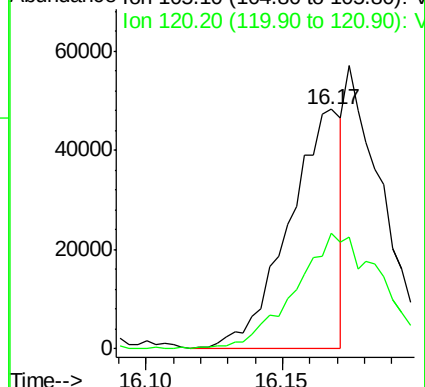
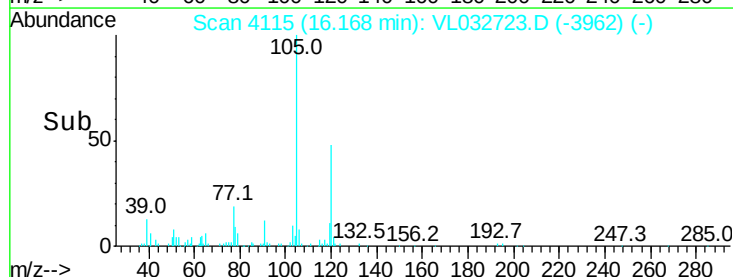
105 100

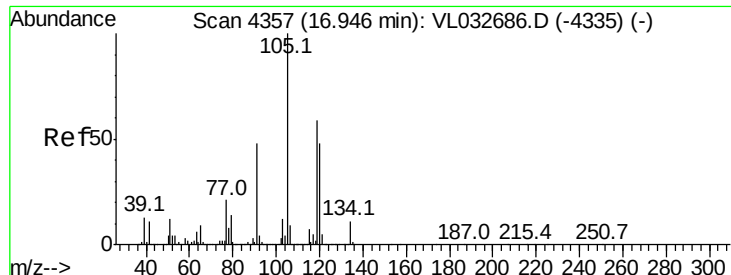
120 48.4 35.4 53.2



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: 1.400 ppbv
 RT: 16.93 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: VL032723.D
 Acq: 7 Nov 2018 19:00

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-03

Tgt Ion:	105	Resp:	530209
Ion Ratio	Lower	Upper	
105	100		
120	40.8	35.8	53.8
91	10.3	33.2	49.8#
77	16.0	16.2	24.4#

