

Data File : VL034786.D

Acq On : 4 Mar 2020 9:32

Operator : SY/AP

Sample : L1314-01

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Quant Time: Mar 04 10:17:50 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020

QLast Update : Wed Mar 04 06:36:39 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	914838	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	2000930	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.12	117	1966070	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1716060	10.47	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds

						Qvalue
3) Chlorodifluoromethane	2.96	51	5330	0.051	ppbv #	91
4) Chloromethane	3.11	50	29809	0.531	ppbv	89
5) Vinyl Chloride	3.23	62	19938	0.336	ppbv	91
6) Bromomethane	3.45	94	1300577	40.180	ppbv	93
9) Propene	2.98	41	4370	0.107	ppbv	97
13) Ethanol	3.59	45	1805	0.128	ppbv #	38
15) Acetone	3.84	43	52282	0.477	ppbv	95
18) 1,1-Dichloroethene	4.28	96	2682	0.066	ppbv #	47
20) Methylene Chloride	4.33	84	27476	0.703	ppbv	92
25) Ethyl Acetate	5.69	43	2247026	11.869	ppbv #	76
26) Hexane	5.69	57	3182191	38.477	ppbv #	42
30) Cyclohexane	7.14	84	2930430	46.315	ppbv	95
31) cis-1,2-Dichloroethene	5.54	61	40071	0.472	ppbv	94
34) 2-Butanone	5.69	43	2243303	17.233	ppbv #	54
35) Carbon Tetrachloride	7.03	117	4241676	28.094	ppbv	97
36) Benzene	6.90	78	19593	0.115	ppbv	97
39) 1,2-Dichloropropane	7.19	63	599314	8.685	ppbv #	25
41) Tetrahydrofuran	5.69	42	1207936	18.186	ppbv #	49
47) 1,1,2-Trichloroethane	9.50	97	2809089	38.560	ppbv	93
52) Tetrachloroethene	11.26	164	2324991	36.806	ppbv	97
53) Toluene	9.83	91	24493	0.135	ppbv #	21
58) Ethyl Benzene	13.01	91	6398126	26.407	ppbv #	57
59) m/p-Xylene	13.01	91	6398126	30.506	ppbv	94
60) o-Xylene	13.74	91	5645209	26.603	ppbv	96
61) Styrene	13.57	104	6404	0.049	ppbv #	26
64) n-propylbenzene	15.89	120	2481343	31.686	ppbv #	1
71) 2-Chlorotoluene	15.89	91	1174838	4.981	ppbv #	46
72) 4-Ethyltoluene	15.89	105	7686570	32.533	ppbv	93
73) 1,3,5-Trimethylbenzene	15.89	105	7686570	33.916	ppbv	87
75) 1,3-Dichlorobenzene	17.05	146	3663489	25.119	ppbv	97
76) 1,4-Dichlorobenzene	17.05	146	3663489	26.251	ppbv	96
80) Naphthalene,2-methyl-	25.03	142	5504	0.124	ppbv #	86

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

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Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampled :

E051-1100

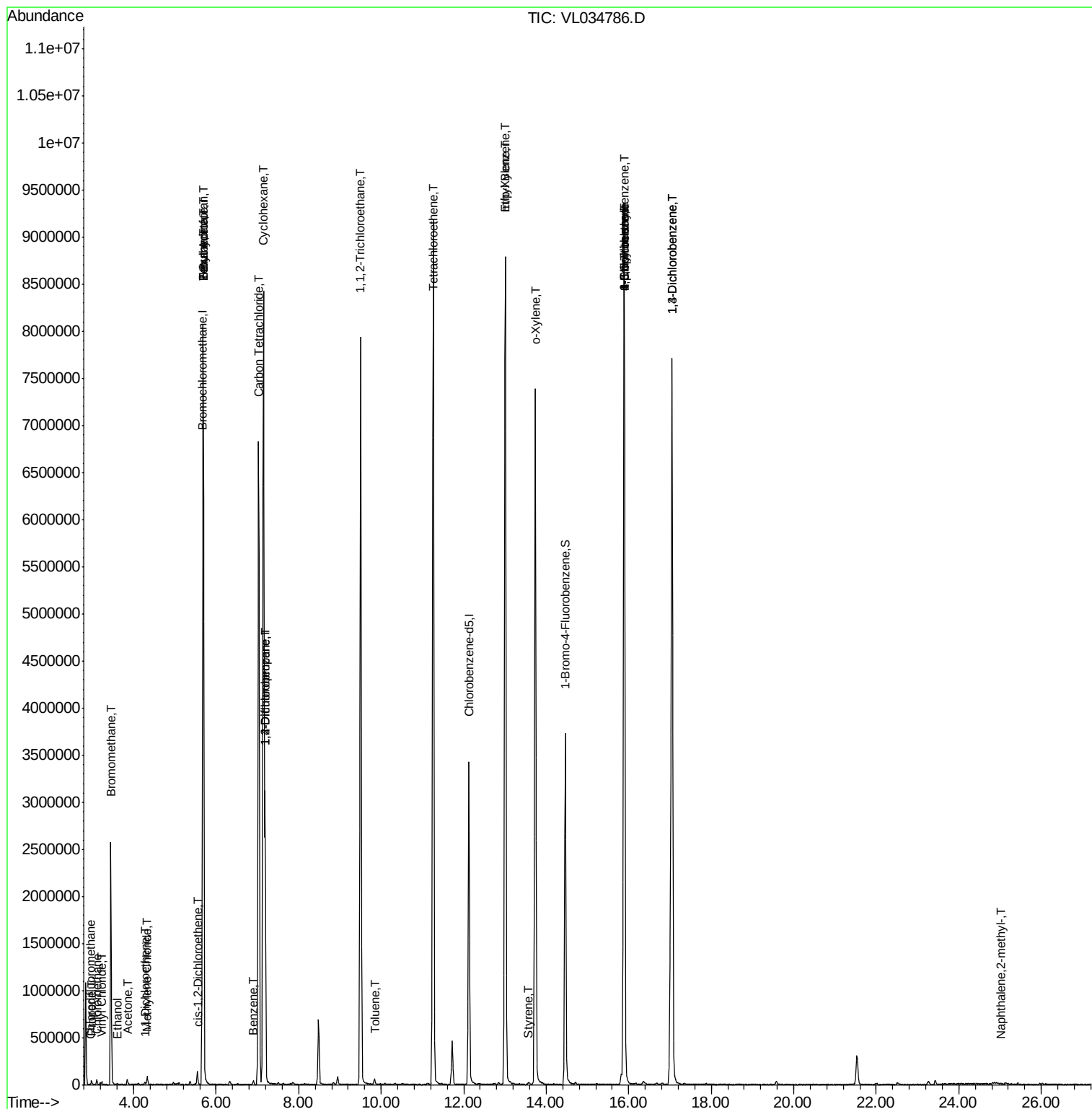
Quant Time: Mar 04 10:17:50 2020

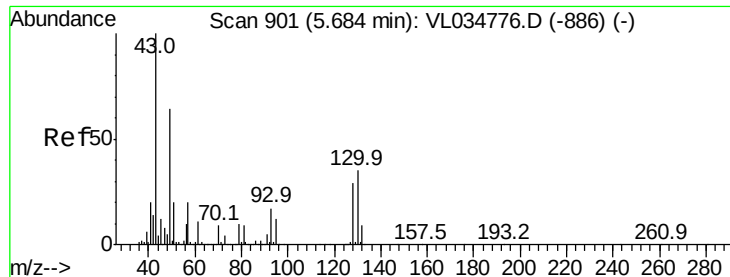
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 04 06:36:39 2020

QLast Update : Wed Mar 04 06:36:39 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

E051-1100

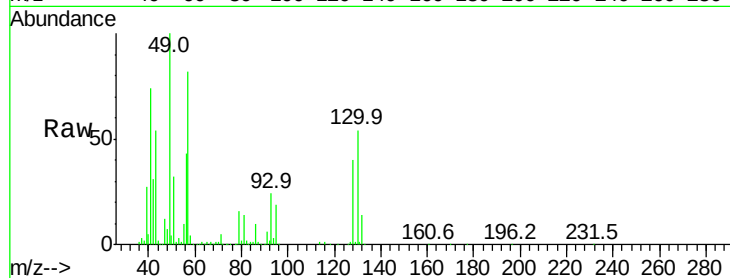
Tgt Ion: 49 Resp: 914838

Ion Ratio Lower Upper

49 100

128 42.8 21.6 64.6

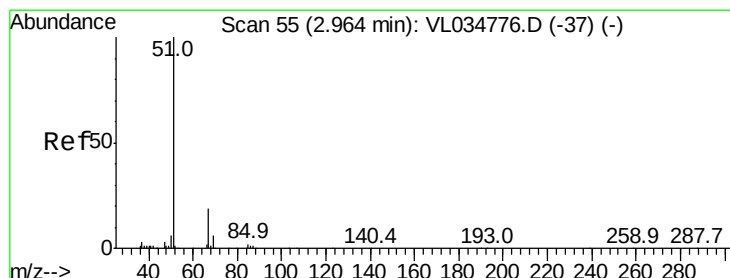
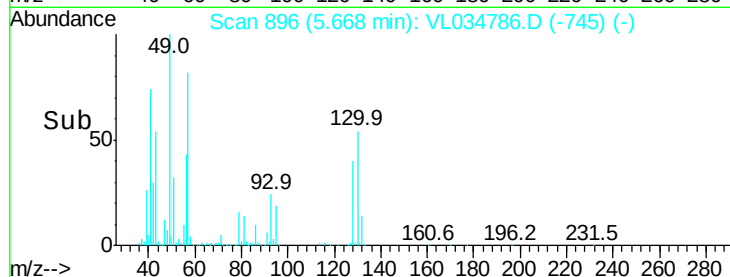
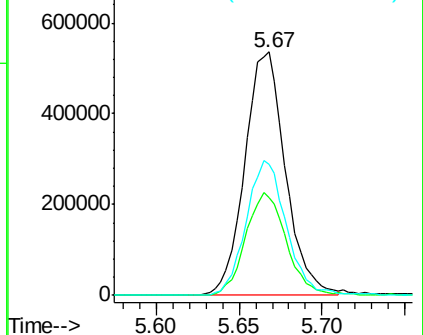
130 55.2 27.4 82.2



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: 0.051 ppbv

RT: 2.96 min Scan# 53

Delta R.T. -0.01 min

Lab File: VL034786.D

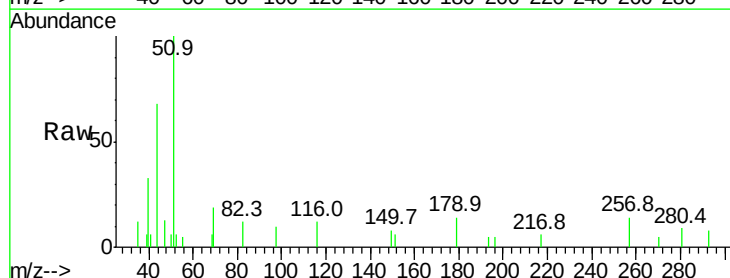
Acq: 4 Mar 2020 9:32

Tgt Ion: 51 Resp: 5330

Ion Ratio Lower Upper

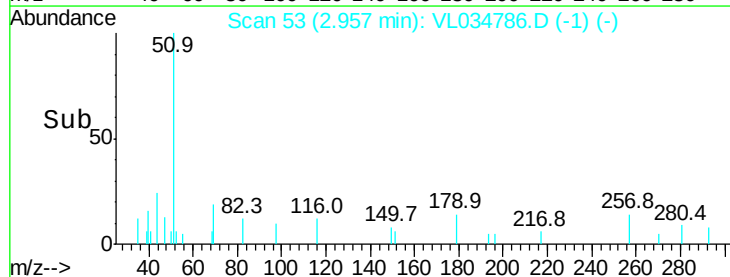
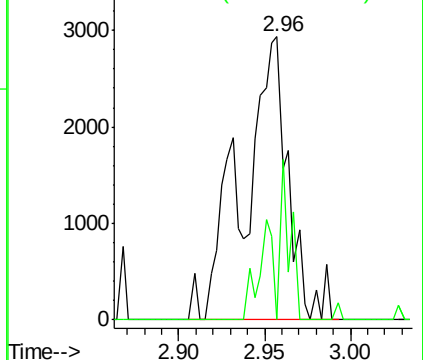
51 100

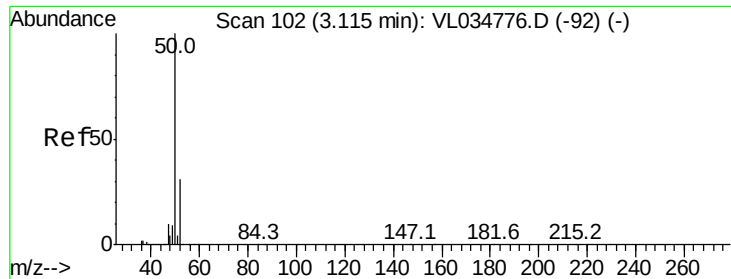
67 23.2 15.3 22.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.531 ppbv

RT: 3.11 min Scan# 100

Delta R.T. -0.01 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

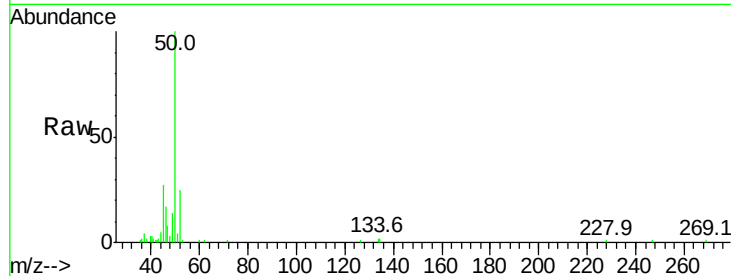
E051-1100

Tgt Ion: 50 Resp: 29809

Ion Ratio Lower Upper

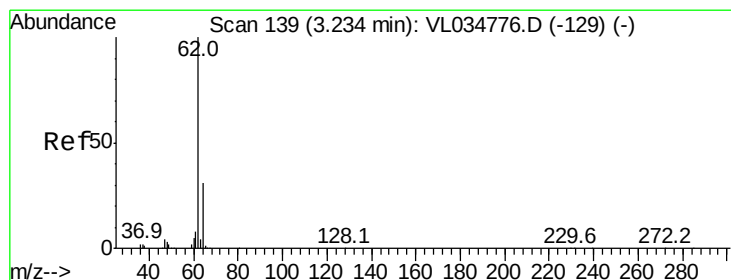
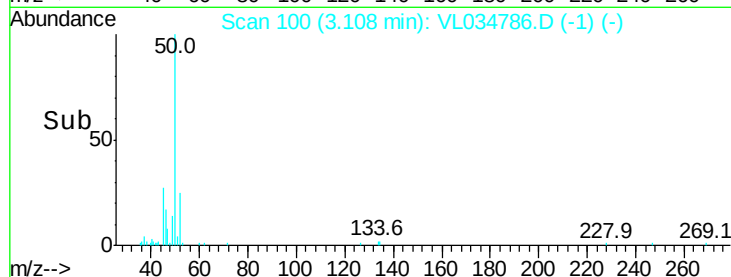
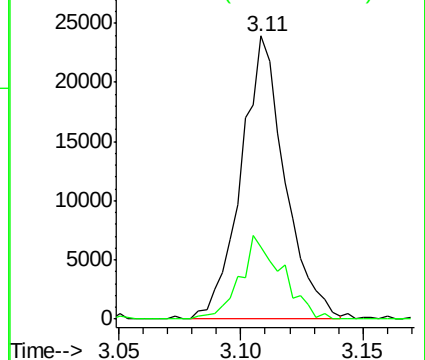
50 100

52 25.4 25.0 37.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#5

Vinyl Chloride

Concen: 0.336 ppbv

RT: 3.23 min Scan# 137

Delta R.T. -0.01 min

Lab File: VL034786.D

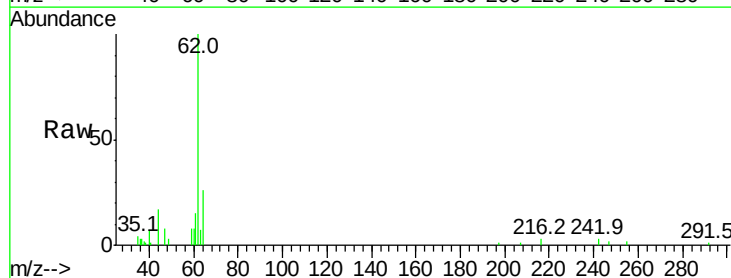
Acq: 4 Mar 2020 9:32

Tgt Ion: 62 Resp: 19938

Ion Ratio Lower Upper

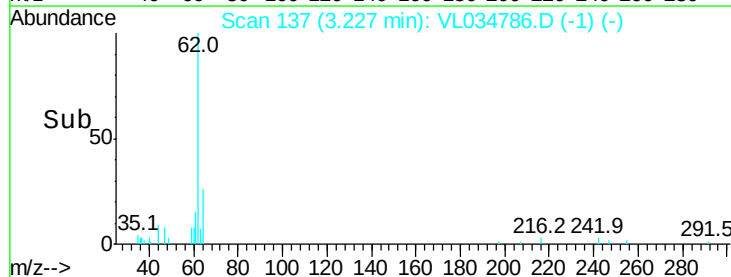
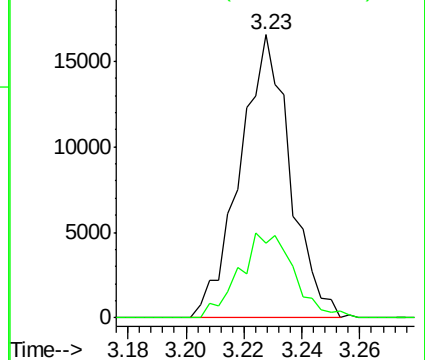
62 100

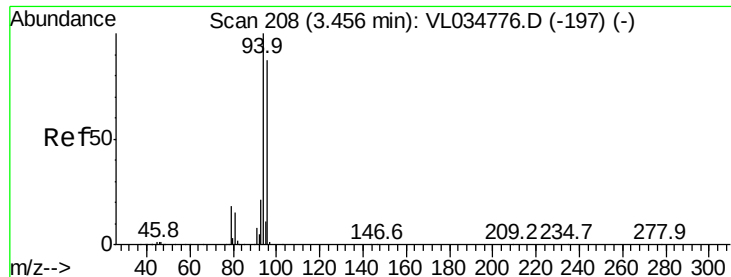
64 26.3 25.1 37.7



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#6

Bromomethane

Concen: 40.180 ppbv

RT: 3.45 min Scan# 205

Delta R.T. -0.01 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

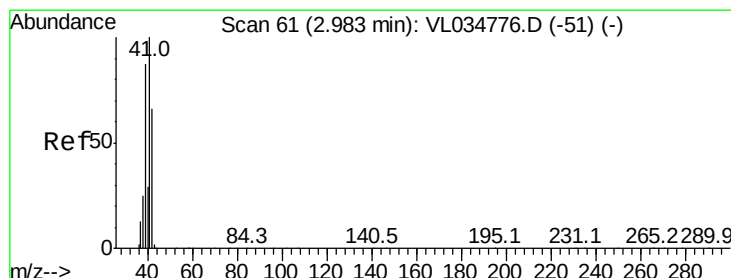
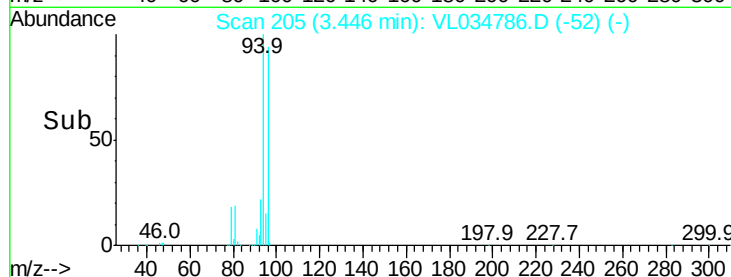
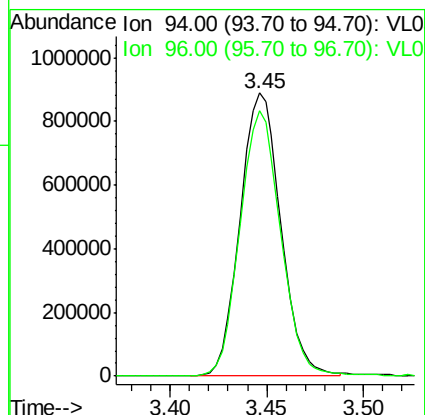
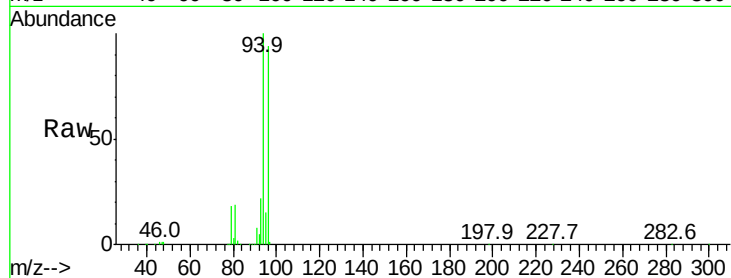
E051-1100

Tgt Ion: 94 Resp: 1300577

Ion Ratio Lower Upper

94 100

96 93.6 70.0 105.0



#9

Propene

Concen: 0.107 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL034786.D

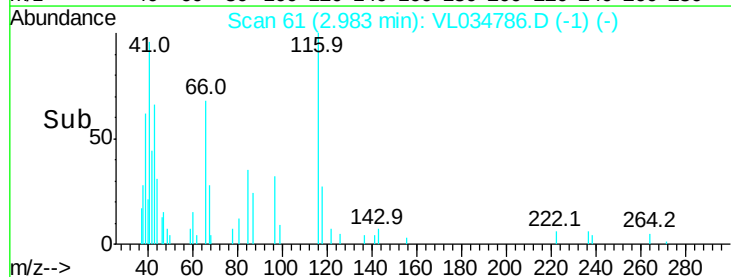
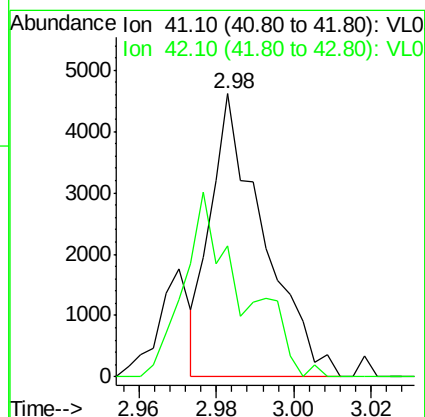
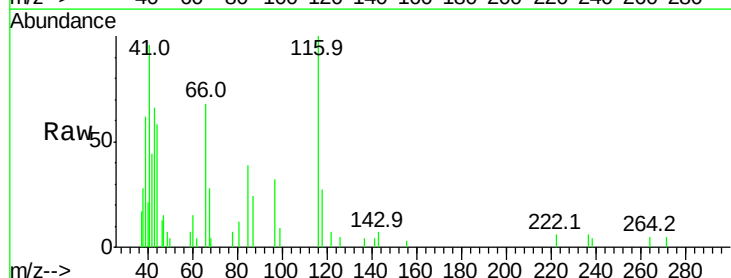
Acq: 4 Mar 2020 9:32

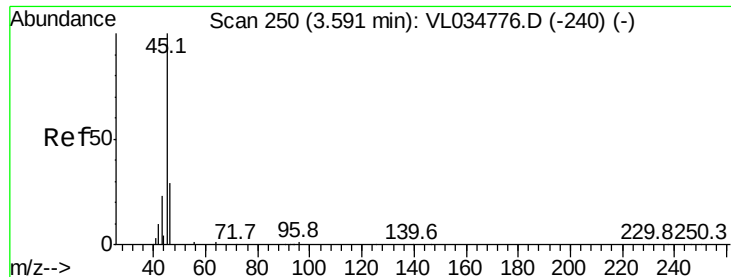
Tgt Ion: 41 Resp: 4370

Ion Ratio Lower Upper

41 100

42 71.9 55.6 83.4





#13

Ethanol

Concen: 0.128 ppbv

RT: 3.59 min Scan# 251

Delta R.T. 0.00 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

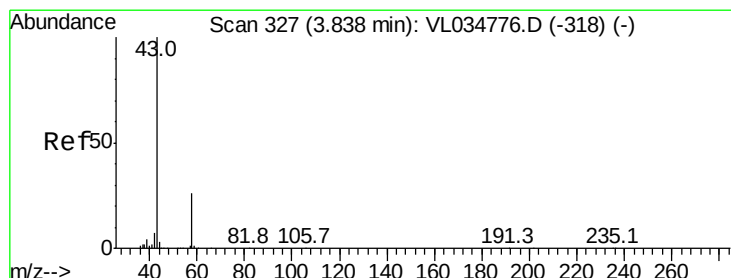
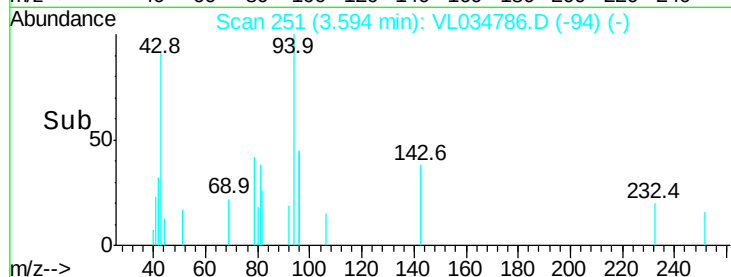
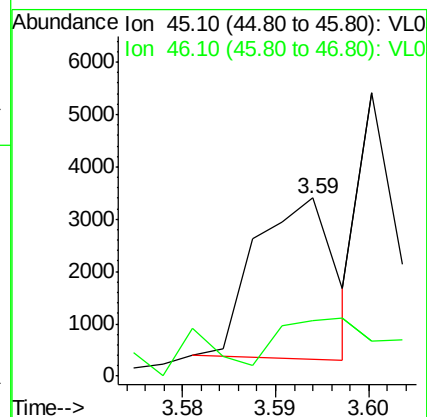
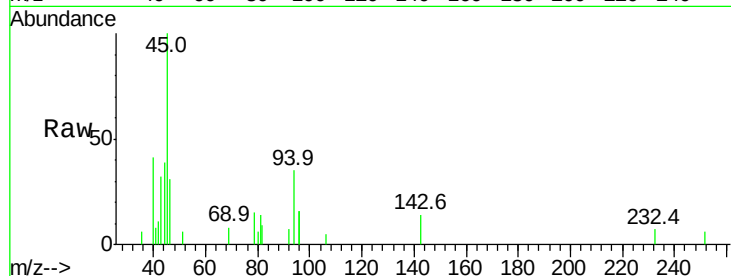
E051-1100

Tgt Ion: 45 Resp: 1805

Ion Ratio Lower Upper

45 100

46 0.0 14.7 58.9#



#15

Acetone

Concen: 0.477 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.00 min

Lab File: VL034786.D

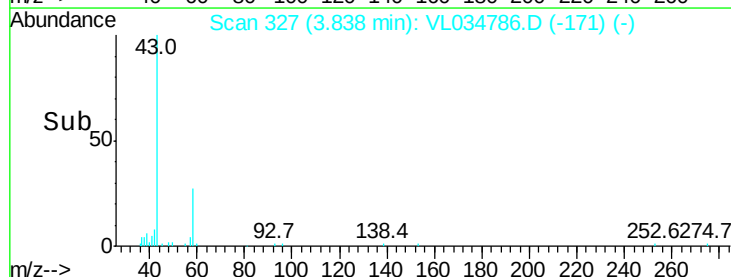
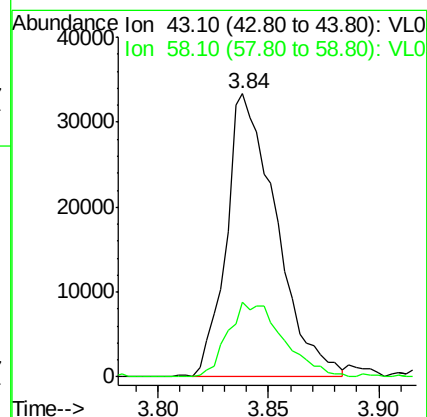
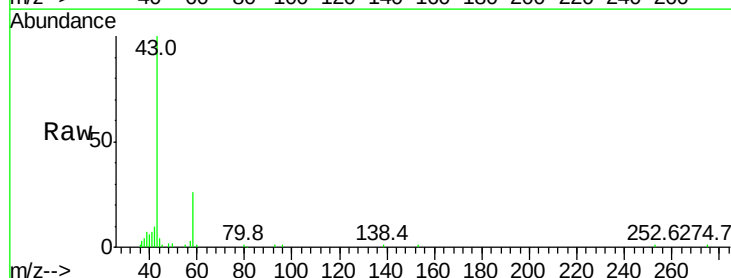
Acq: 4 Mar 2020 9:32

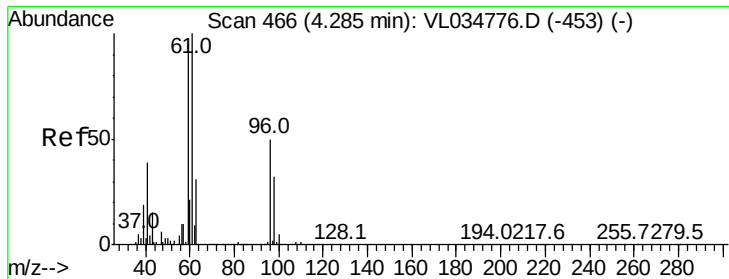
Tgt Ion: 43 Resp: 52282

Ion Ratio Lower Upper

43 100

58 29.0 21.0 31.6

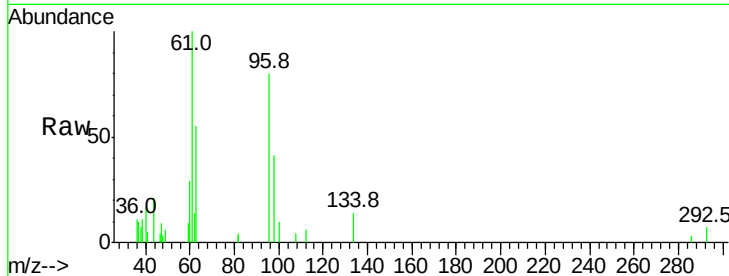




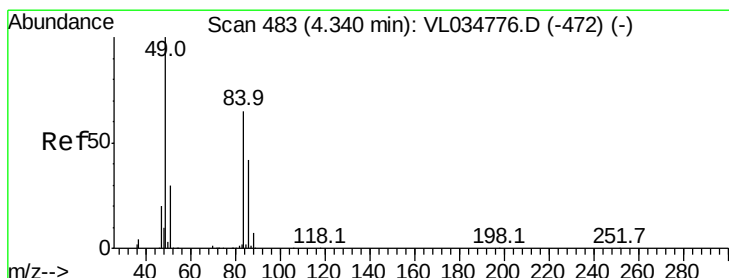
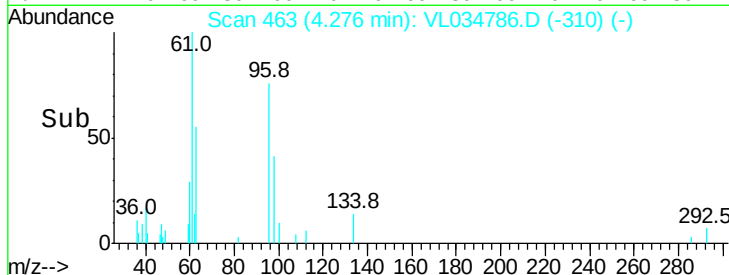
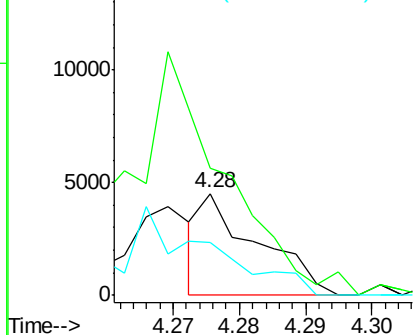
#18
 1,1-Dichloroethene
 Concen: 0.066 ppbv
 RT: 4.28 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Instrument :
 MSVOA_L
 ClientSampleId :
 E051-1100

Tgt Ion: 96 Resp: 2682
 Ion Ratio Lower Upper
 96 100
 61 100.9 159.5 239.3#
 98 51.4 51.1 76.7



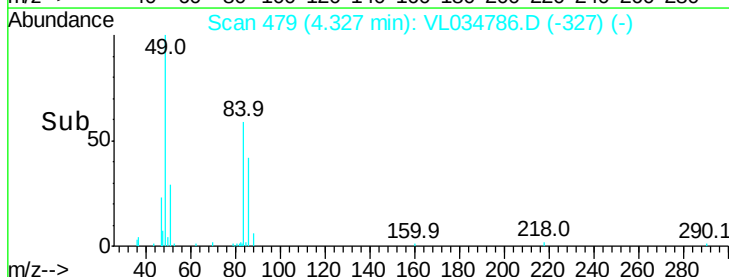
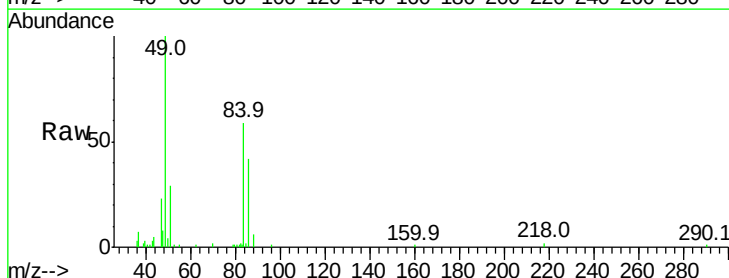
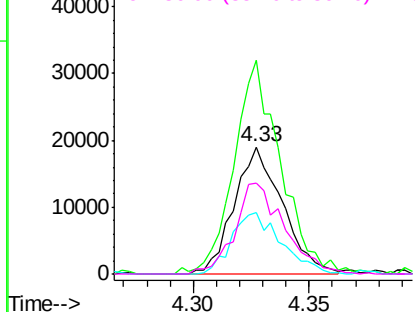
Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0

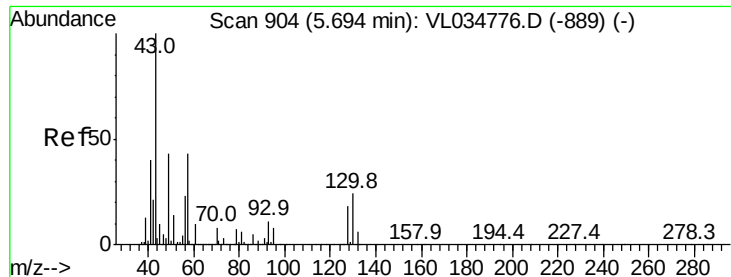


#20
 Methylene Chloride
 Concen: 0.703 ppbv
 RT: 4.33 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Tgt Ion: 84 Resp: 27476
 Ion Ratio Lower Upper
 84 100
 49 166.4 123.2 184.8
 51 48.7 37.4 56.2
 86 71.1 51.6 77.4

Abundance Ion 84.00 (83.70 to 84.70): VL0
 Ion 49.10 (48.80 to 49.80): VL0
 Ion 51.10 (50.80 to 51.80): VL0
 Ion 86.00 (85.70 to 86.70): VL0



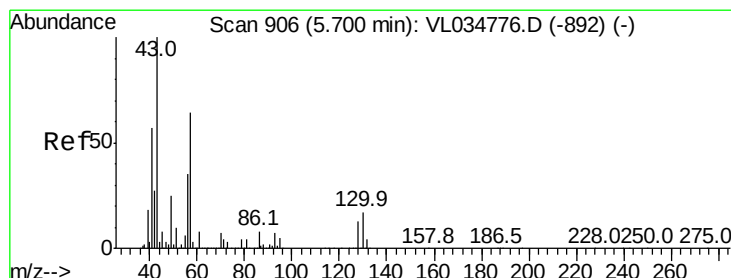
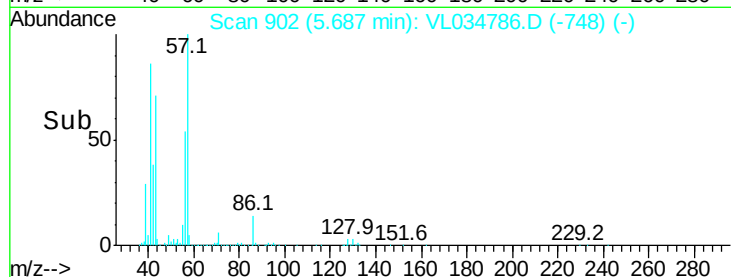
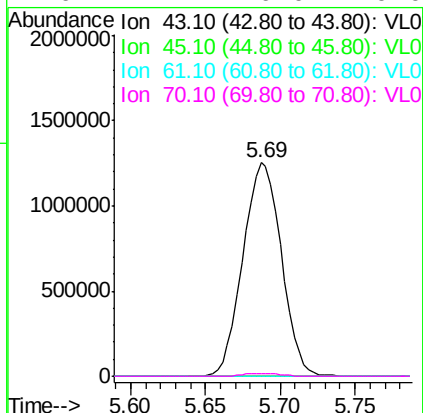
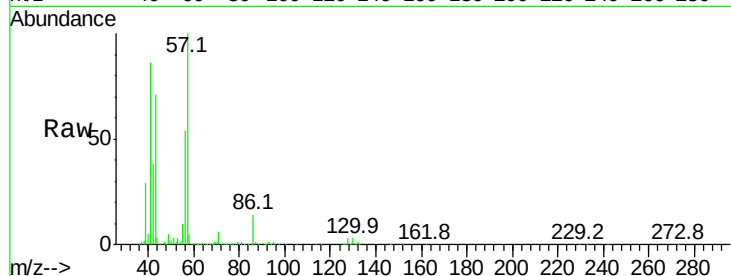


#25
Ethyl Acetate
Concen: 11.869 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 43 Resp: 2247026

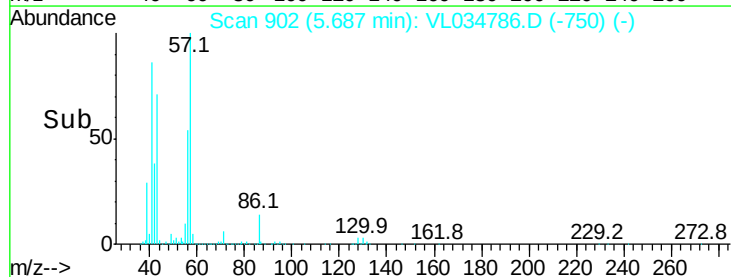
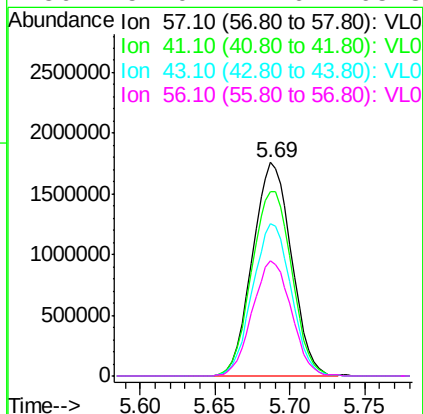
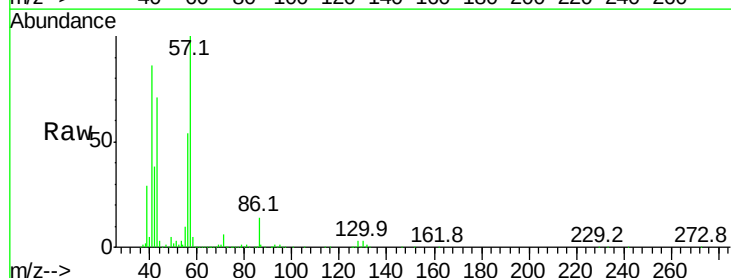
Ion	Ratio	Lower	Upper
43	100		
45	0.1	8.2	12.4#
61	0.2	7.5	11.3#
70	1.4	6.0	9.0#

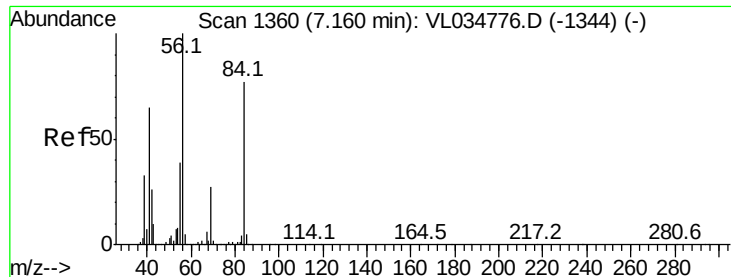


#26
Hexane
Concen: 38.477 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 57 Resp: 3182191

Ion	Ratio	Lower	Upper
57	100		
41	89.5	72.0	108.0
43	70.7	179.1	268.7#
56	54.0	42.6	63.8

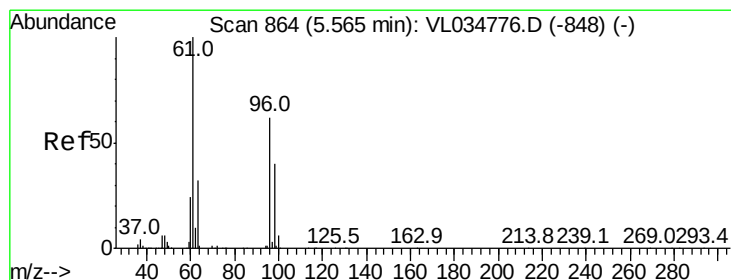
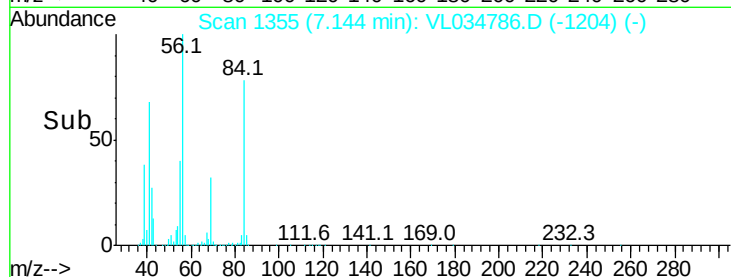
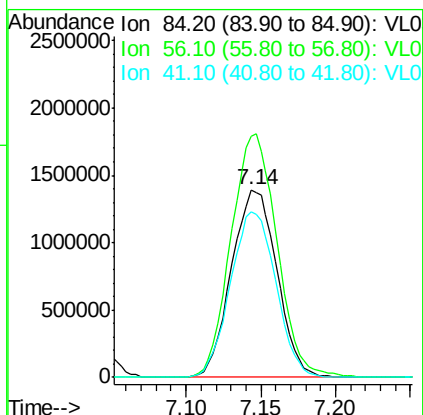
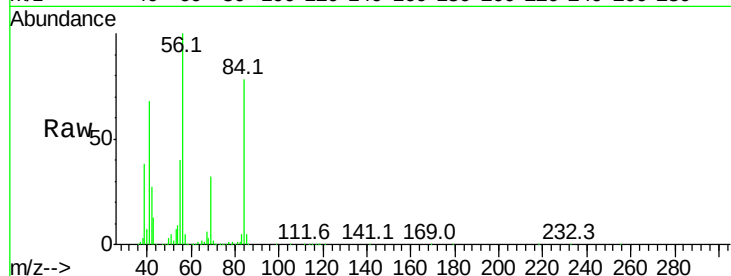




#30
Cyclohexane
Concen: 46.315 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

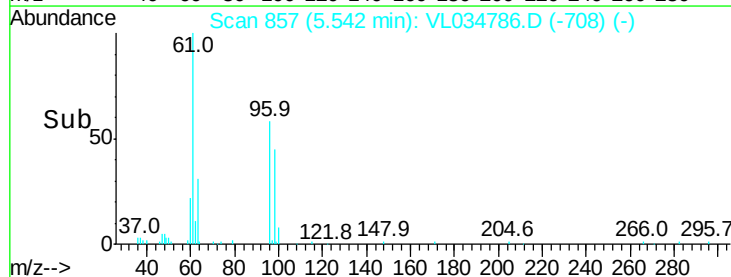
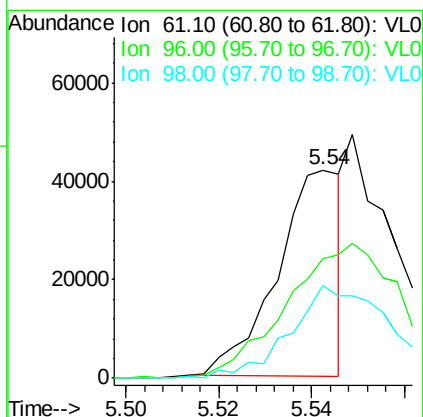
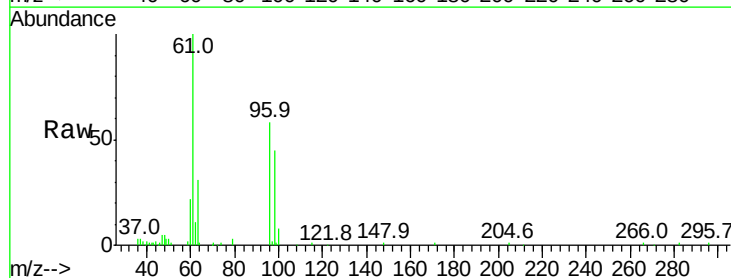
Instrument :
MSVOA_L
ClientSampleId :
E051-1100

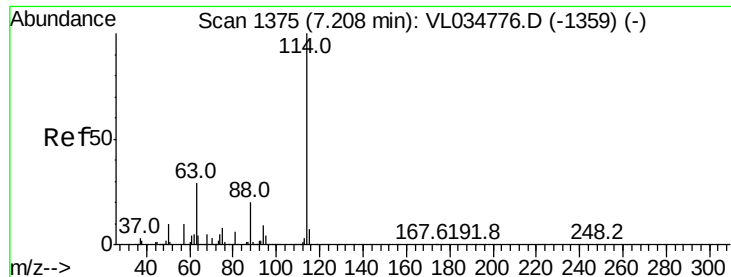
Tgt Ion: 84 Resp: 2930430
Ion Ratio Lower Upper
84 100
56 132.4 113.2 169.8
41 88.8 70.2 105.4



#31
cis-1,2-Dichloroethene
Concen: 0.472 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 61 Resp: 40071
Ion Ratio Lower Upper
61 100
96 57.7 49.7 74.5
98 44.6 31.9 47.9

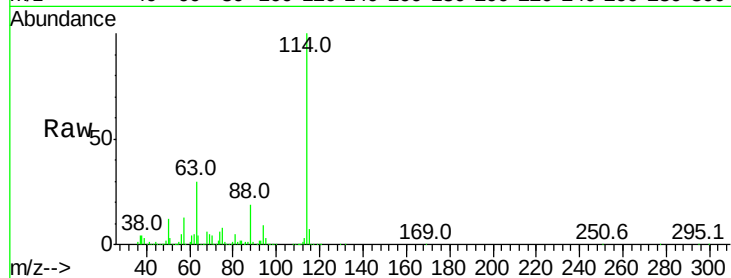




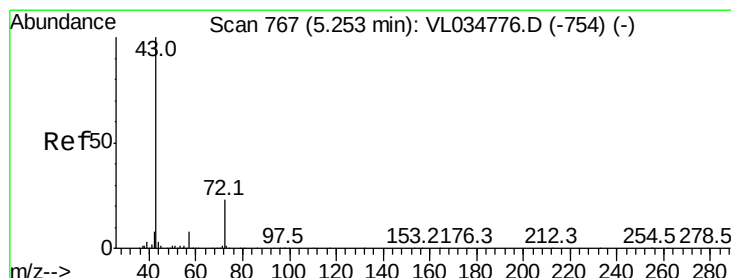
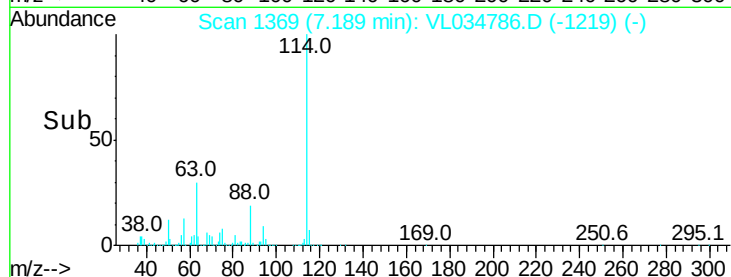
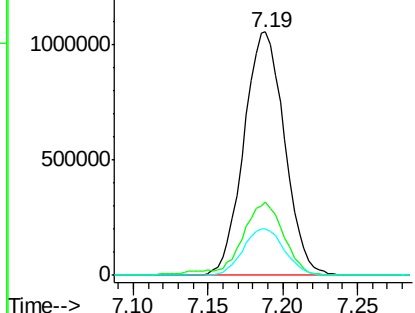
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Instrument :
 MSVOA_L
 ClientSampleId :
 E051-1100

Tgt Ion:114 Resp: 2000930
 Ion Ratio Lower Upper
 114 100
 63 31.4 23.6 35.4
 88 19.4 15.8 23.8

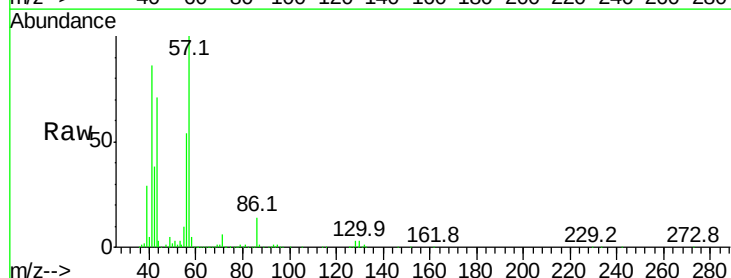


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

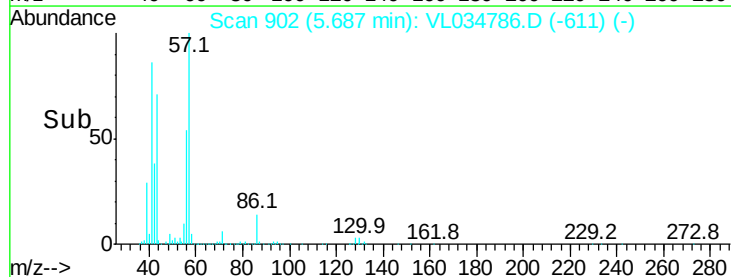
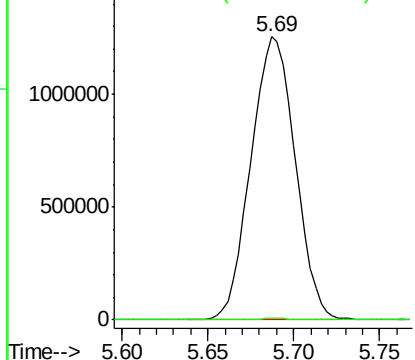


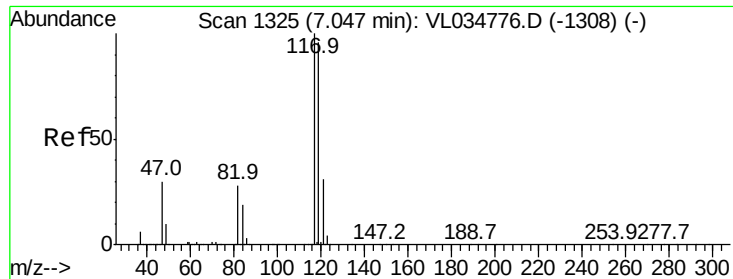
#34
 2-Butanone
 Concen: 17.233 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.43 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Tgt Ion: 43 Resp: 2243303
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.5 26.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 28.094 ppbv

RT: 7.03 min Scan# 1320

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

E051-1100

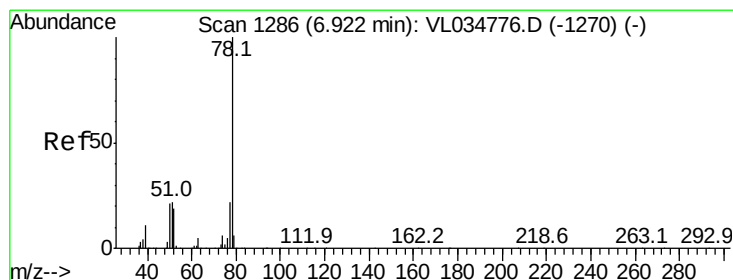
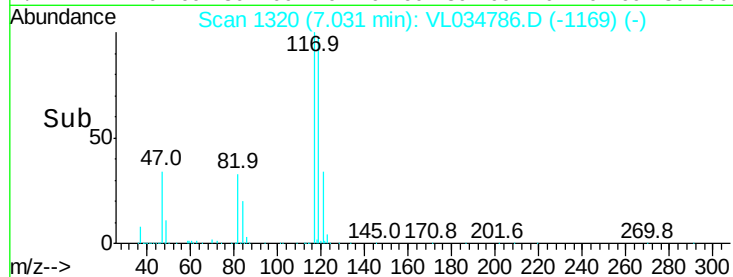
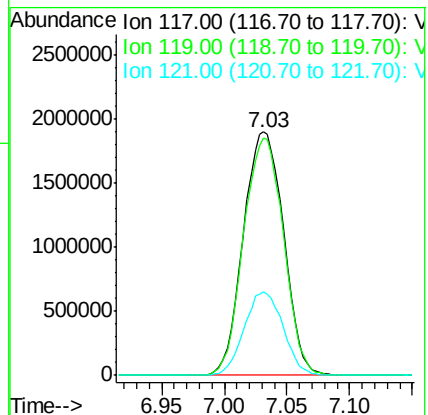
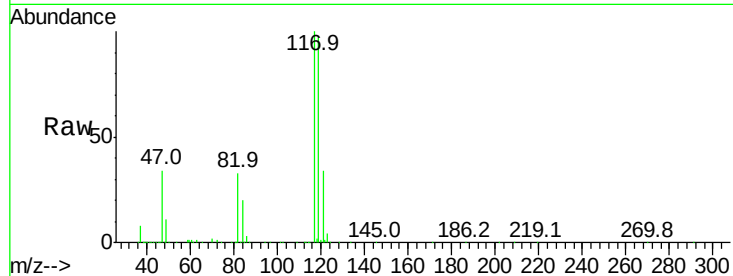
Tgt Ion:117 Resp: 4241676

Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2

121 34.4 24.6 37.0



#36

Benzene

Concen: 0.115 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

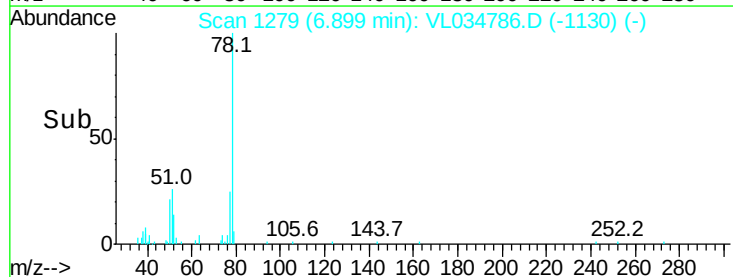
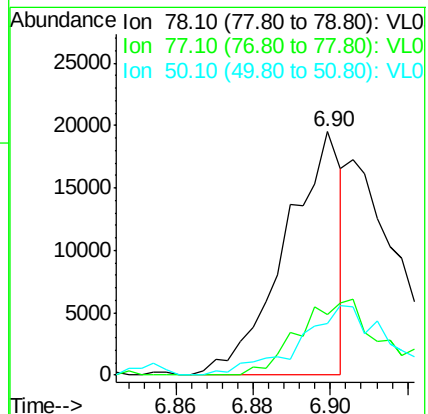
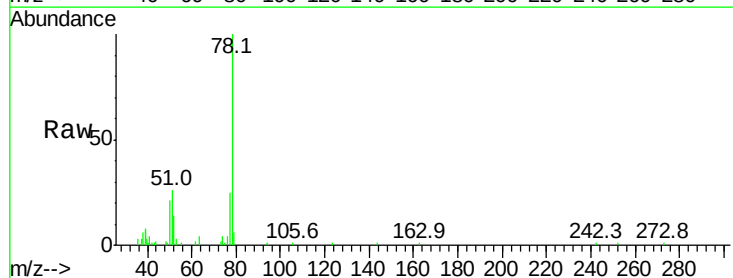
Tgt Ion: 78 Resp: 19593

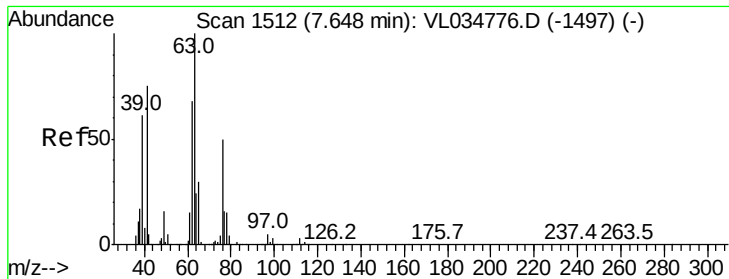
Ion Ratio Lower Upper

78 100

77 25.0 18.0 27.0

50 21.0 16.9 25.3





#39

1,2-Dichloropropane

Concen: 8.685 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.46 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

E051-1100

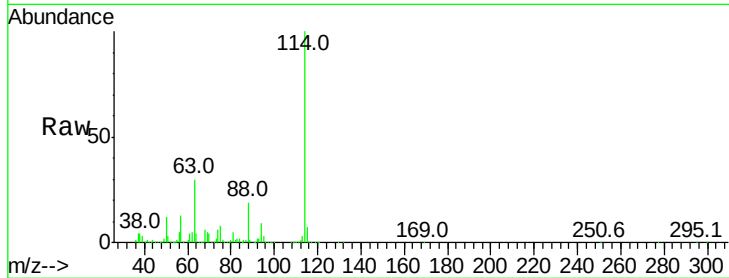
Tgt Ion: 63 Resp: 599314

Ion Ratio Lower Upper

63 100

41 3.2 60.3 90.5#

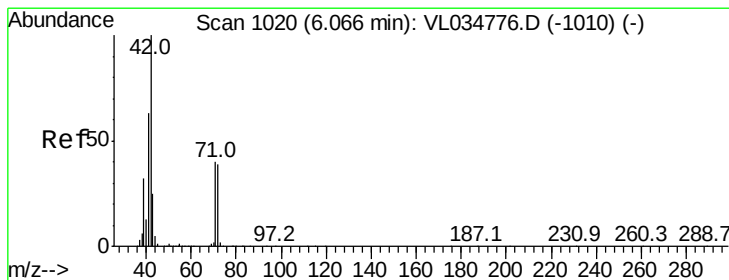
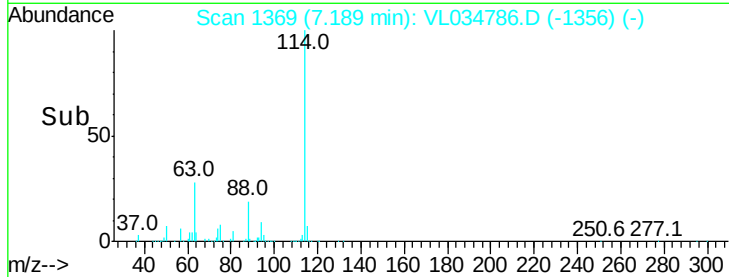
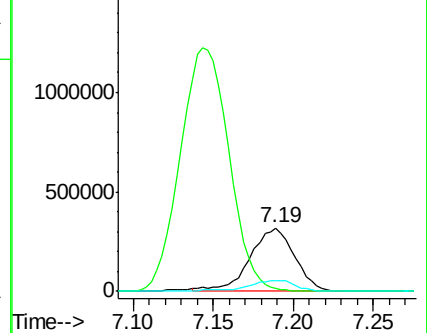
62 16.4 54.5 81.7#



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: 18.186 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.38 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

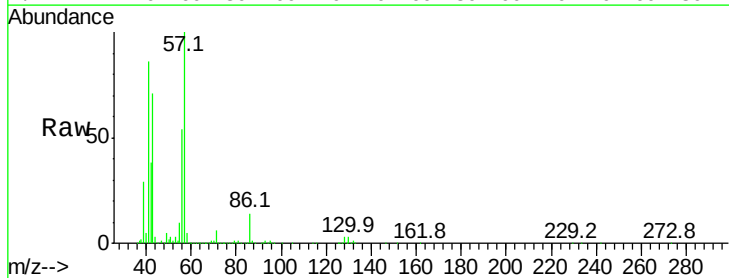
Tgt Ion: 42 Resp: 1207936

Ion Ratio Lower Upper

42 100

72 0.9 32.0 48.0#

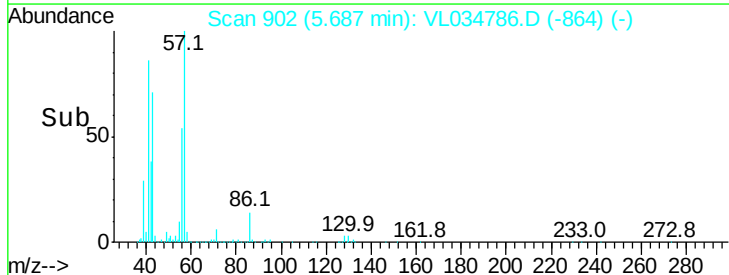
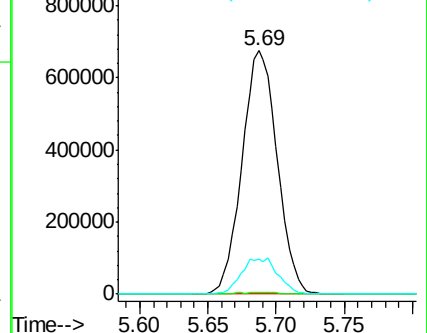
71 15.3 31.3 46.9#

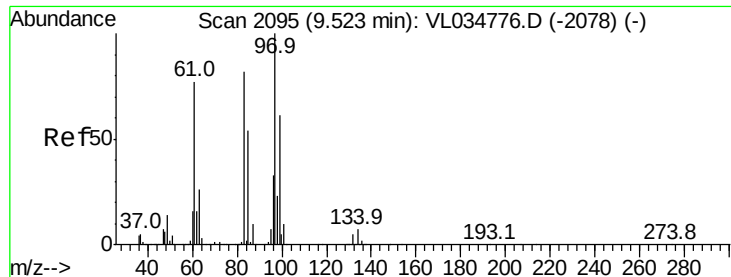


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#47

1,1,2-Trichloroethane

Concen: 38.560 ppbv

RT: 9.50 min Scan# 2089

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

E051-1100

Tgt Ion: 97 Resp: 2809089

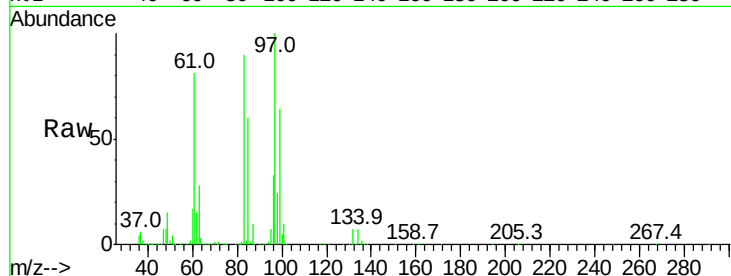
Ion Ratio Lower Upper

97 100

83 90.2 65.2 97.8

85 60.1 43.6 65.4

99 63.7 48.9 73.3



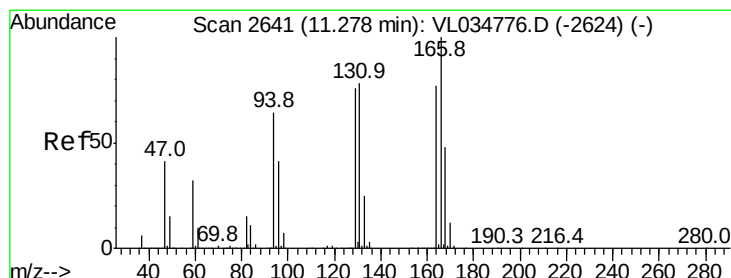
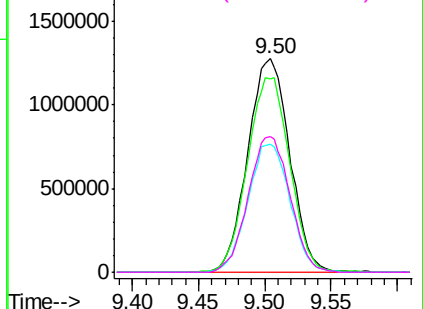
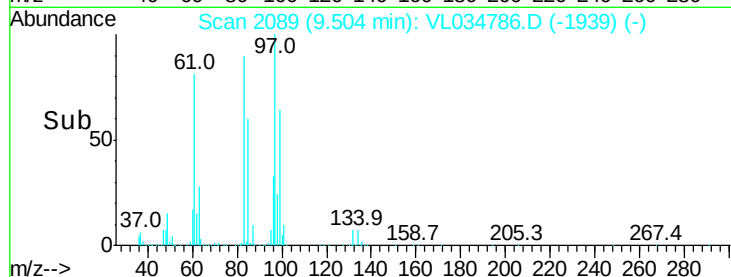
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#52

Tetrachloroethene

Concen: 36.806 ppbv

RT: 11.26 min Scan# 2636

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Tgt Ion: 164 Resp: 2324991

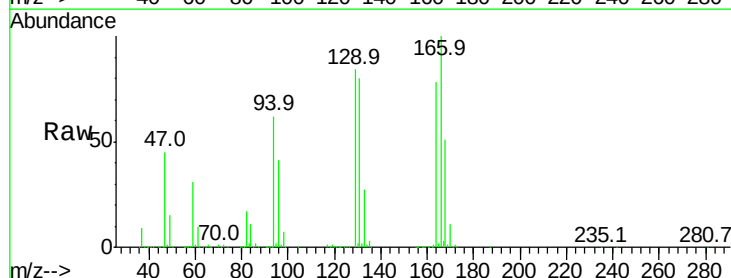
Ion Ratio Lower Upper

164 100

166 128.6 103.3 154.9

129 107.5 79.0 118.4

131 103.1 81.0 121.4



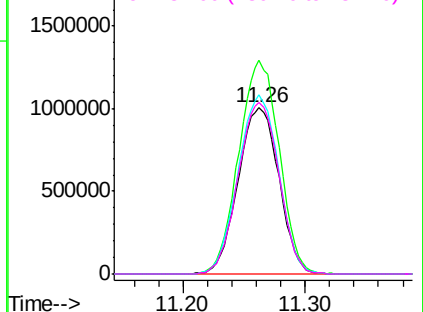
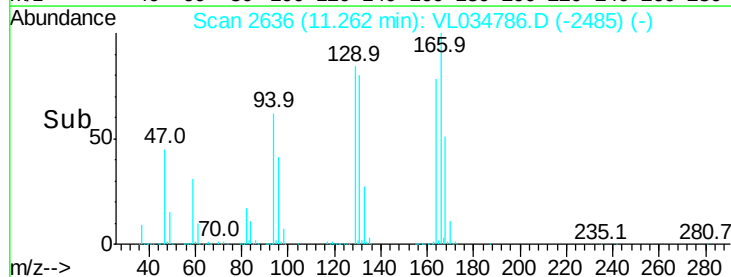
Abundance

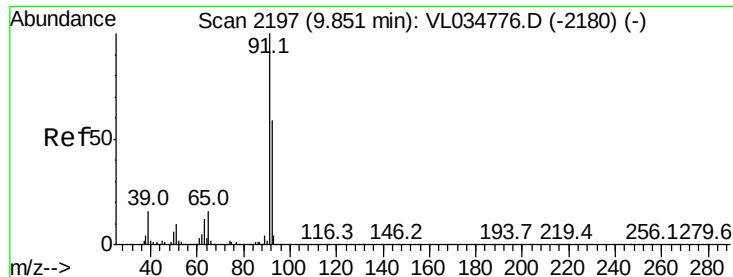
Ion 163.90 (163.60 to 164.60): V

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: 0.135 ppbv

RT: 9.83 min Scan# 2191

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

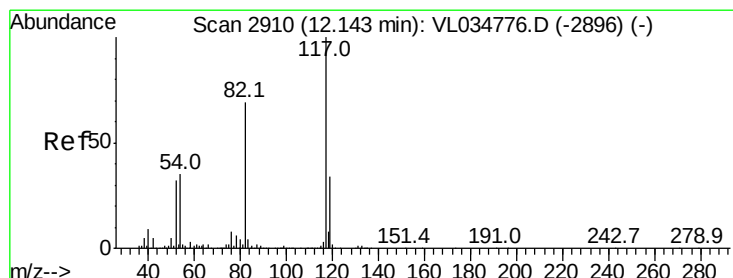
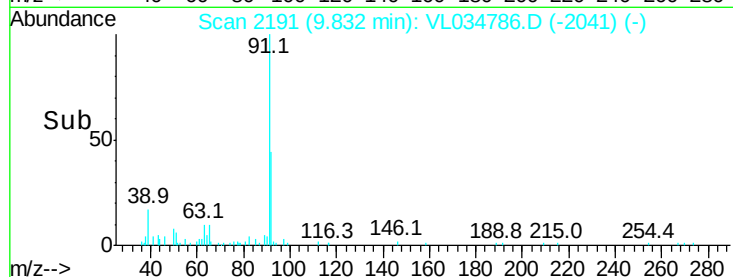
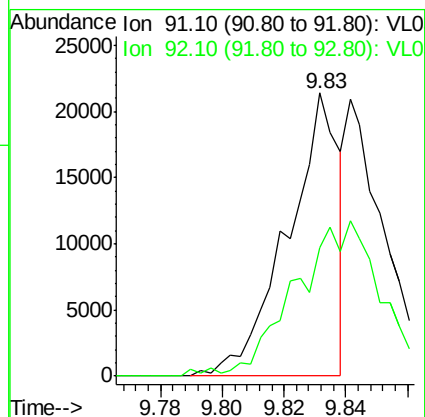
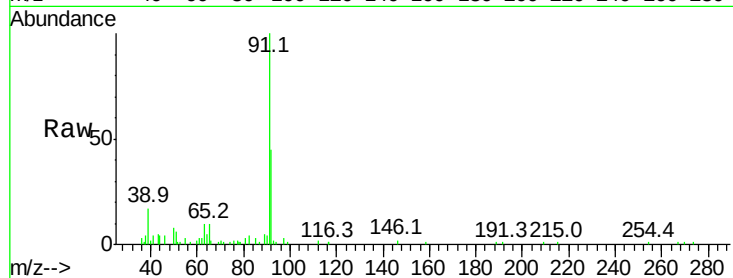
E051-1100

Tgt Ion: 91 Resp: 24493

Ion Ratio Lower Upper

91 100

92 0.0 48.2 72.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2904

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

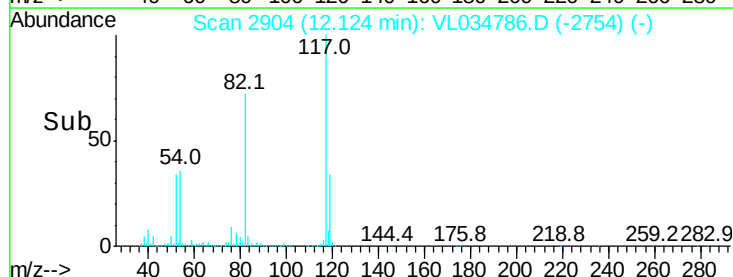
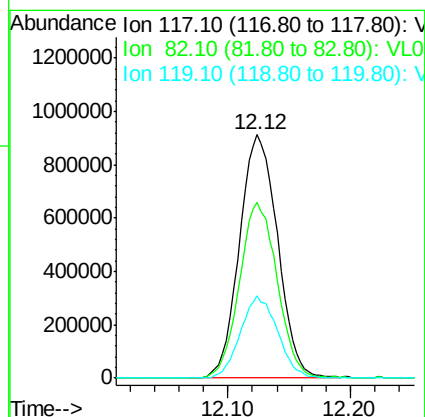
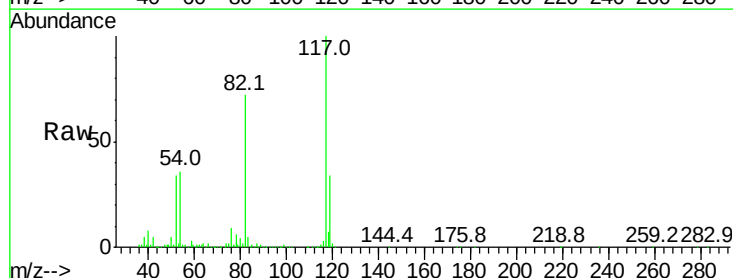
Tgt Ion: 117 Resp: 1966070

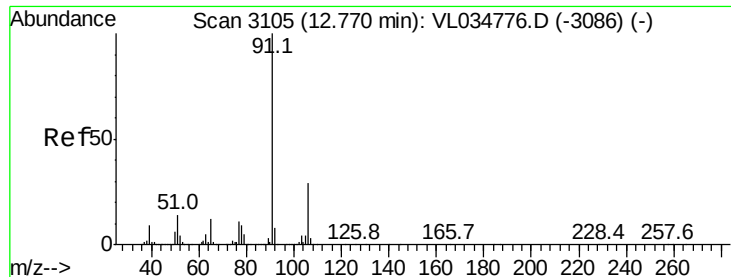
Ion Ratio Lower Upper

117 100

82 71.9 53.9 80.9

119 33.3 25.0 37.4





#58

Ethyl Benzene

Concen: 26.407 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. 0.24 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

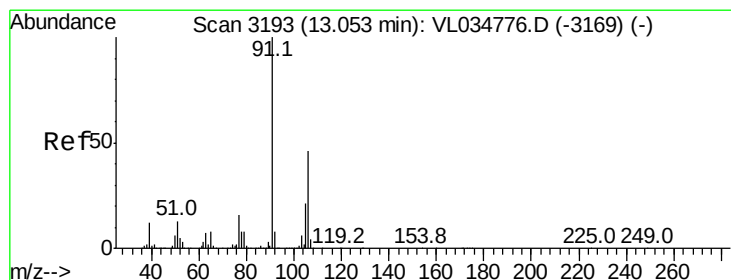
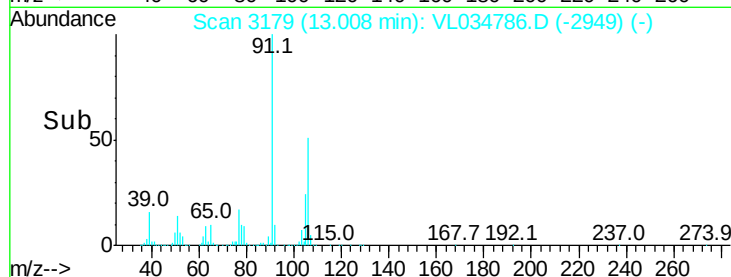
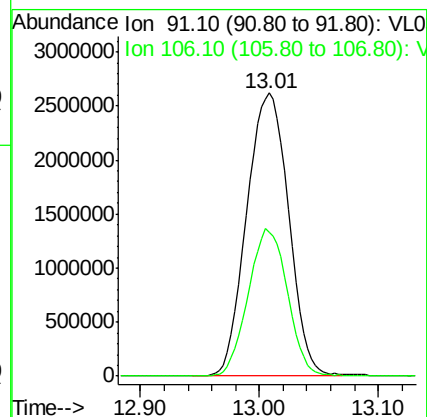
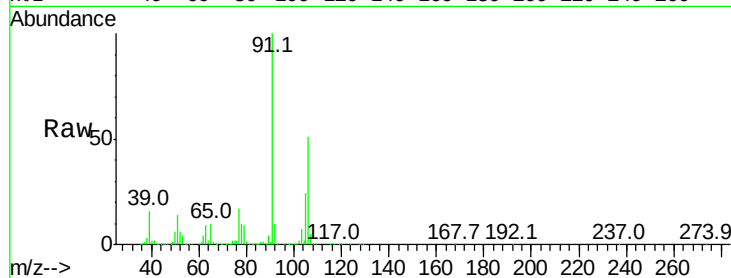
E051-1100

Tgt Ion: 91 Resp: 6398126

Ion Ratio Lower Upper

91 100

106 51.1 22.8 34.2#



#59

m/p-Xylene

Concen: 30.506 ppbv

RT: 13.01 min Scan# 3179

Delta R.T. -0.04 min

Lab File: VL034786.D

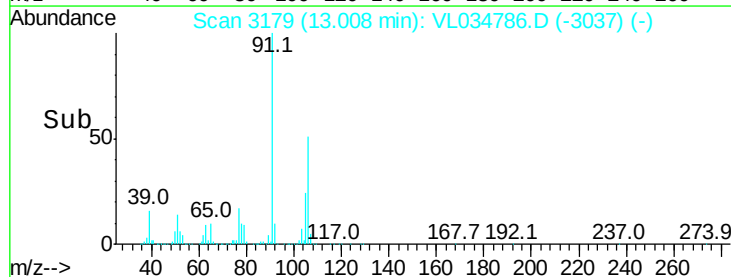
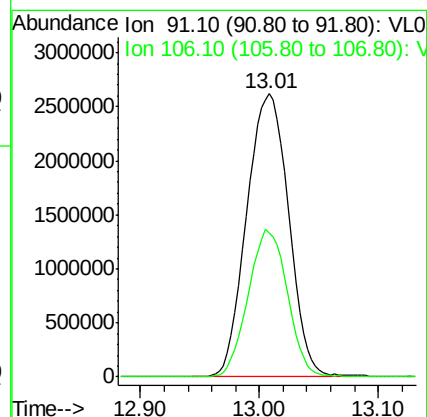
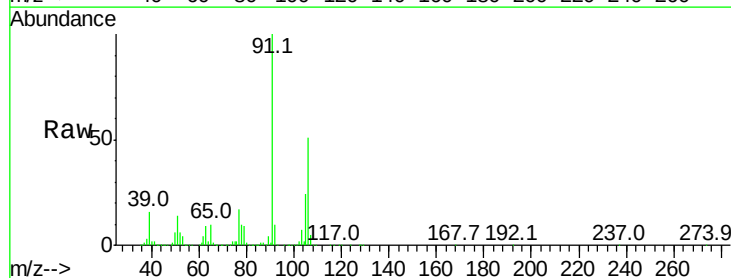
Acq: 4 Mar 2020 9:32

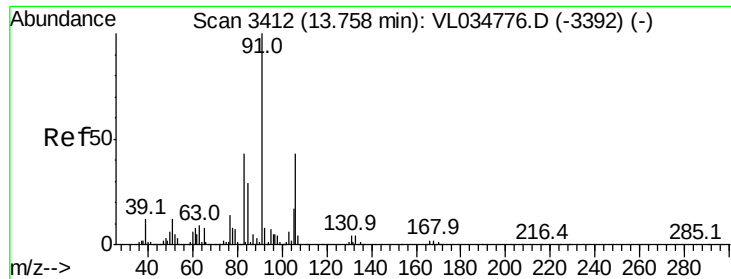
Tgt Ion: 91 Resp: 6398126

Ion Ratio Lower Upper

91 100

106 49.0 35.8 53.8

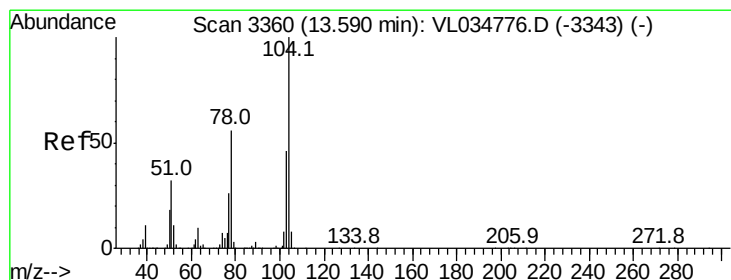
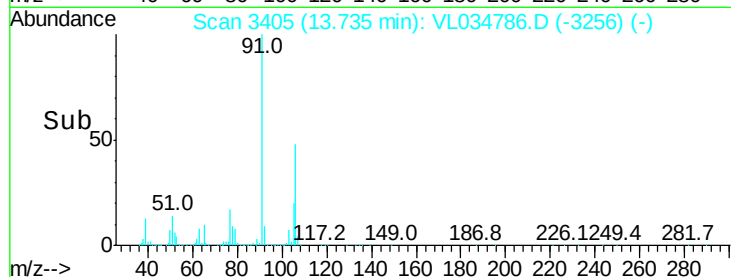
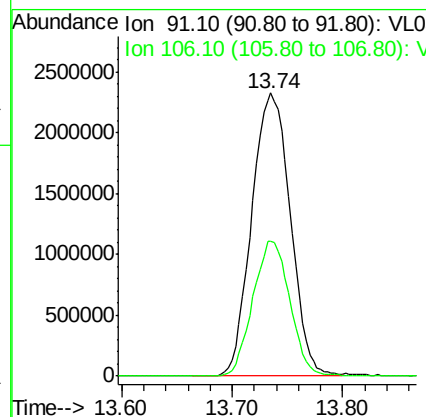
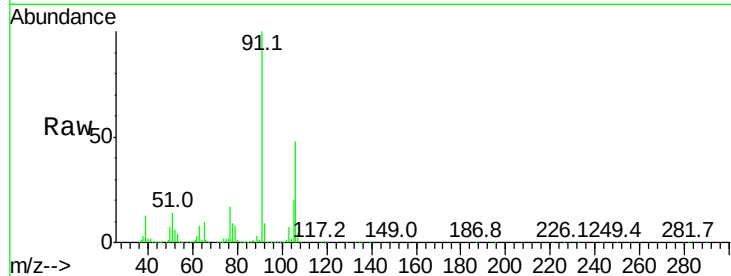




#60
o-Xylene
Concen: 26.603 ppbv
RT: 13.74 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

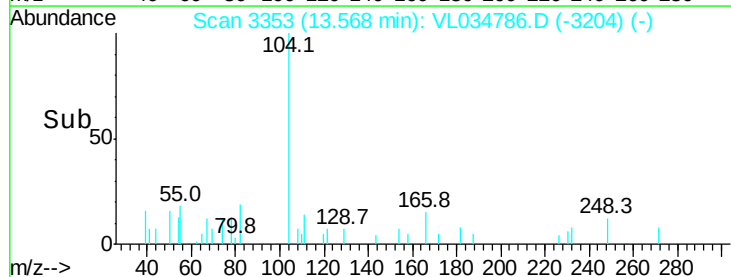
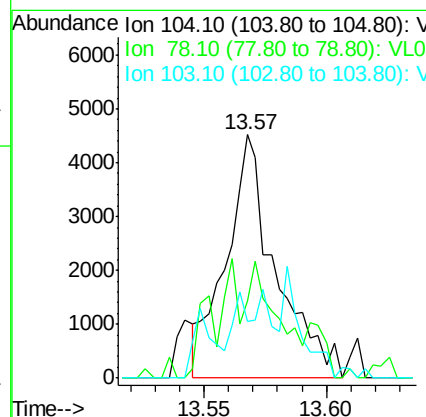
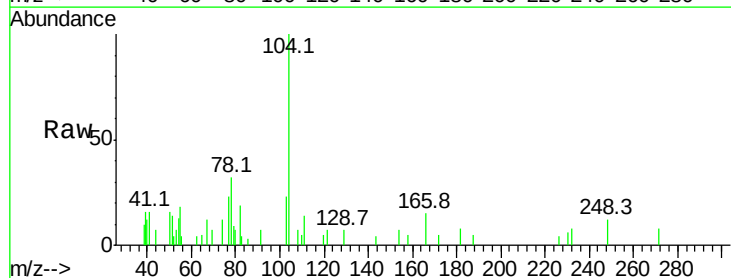
Instrument :
MSVOA_L
ClientSampleId :
E051-1100

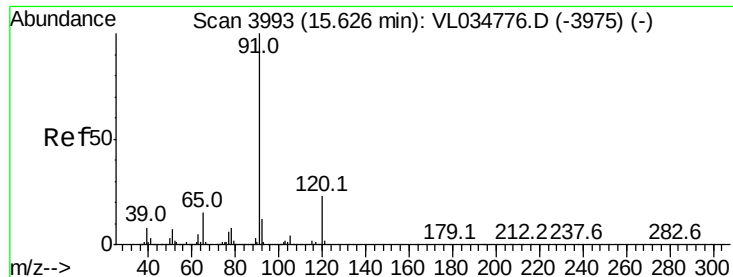
Tgt Ion: 91 Resp: 5645209
Ion Ratio Lower Upper
91 100
106 45.9 21.7 65.1



#61
Styrene
Concen: 0.049 ppbv
RT: 13.57 min Scan# 3353
Delta R.T. -0.02 min
Lab File: VL034786.D
Acq: 4 Mar 2020 9:32

Tgt Ion: 104 Resp: 6404
Ion Ratio Lower Upper
104 100
78 0.0 44.7 67.1#
103 0.0 38.2 57.2#





#64

n-propylbenzene

Concen: 31.686 ppbv

RT: 15.89 min Scan# 4075

Delta R.T. 0.26 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

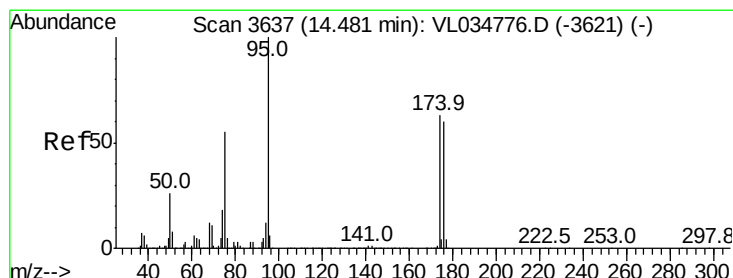
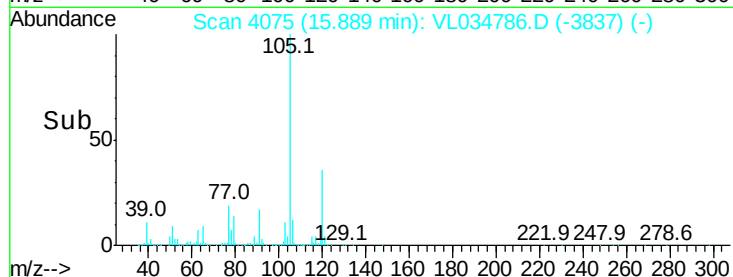
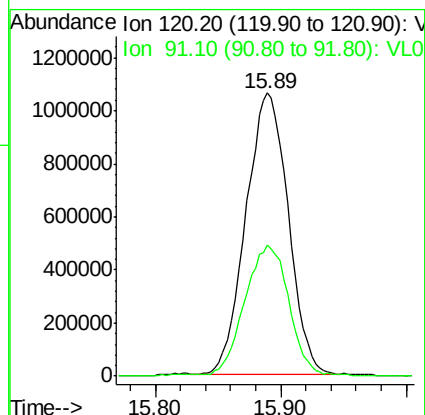
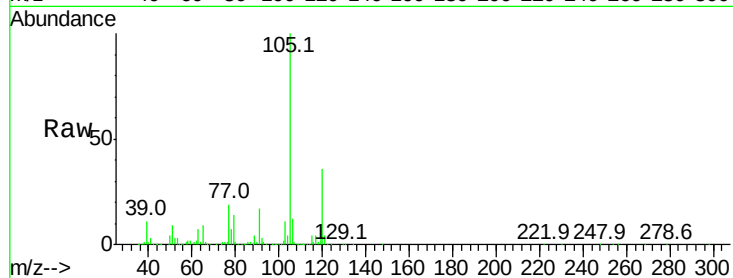
E051-1100

Tgt Ion:120 Resp: 2481343

Ion Ratio Lower Upper

120 100

91 49.7 379.4 569.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.468 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

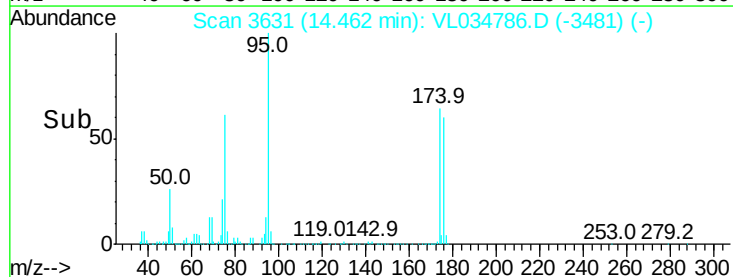
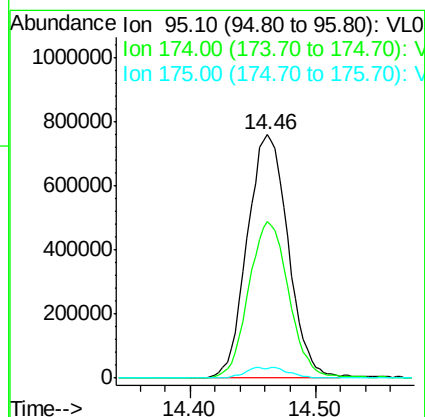
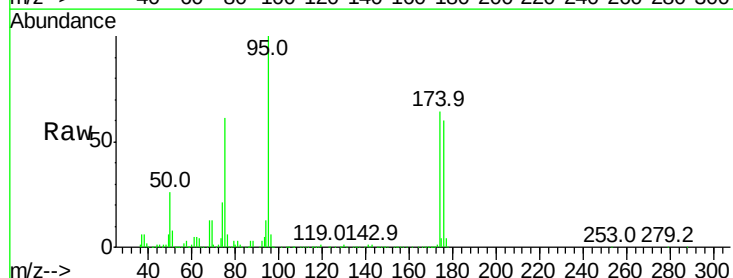
Tgt Ion: 95 Resp: 1716060

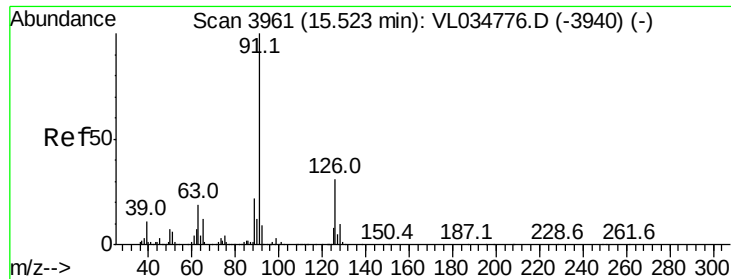
Ion Ratio Lower Upper

95 100

174 63.6 50.6 76.0

175 4.6 3.8 5.6

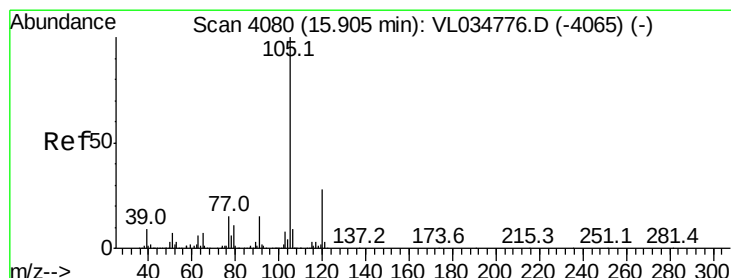
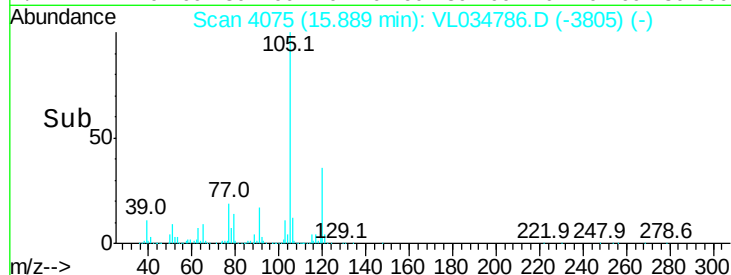
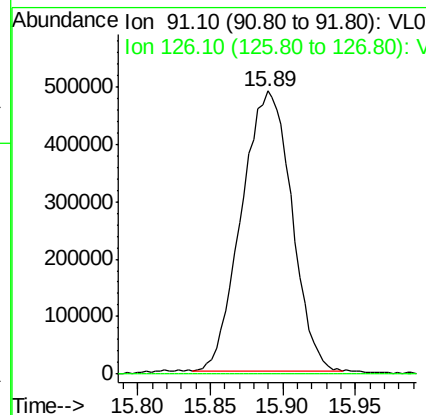
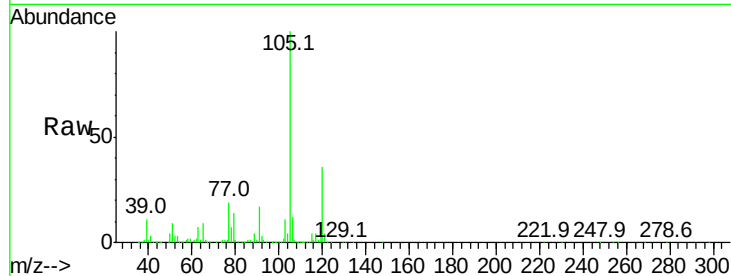




#71
 2-Chlorotoluene
 Concen: 4.981 ppbv
 RT: 15.89 min Scan# 4075
 Delta R.T. 0.37 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

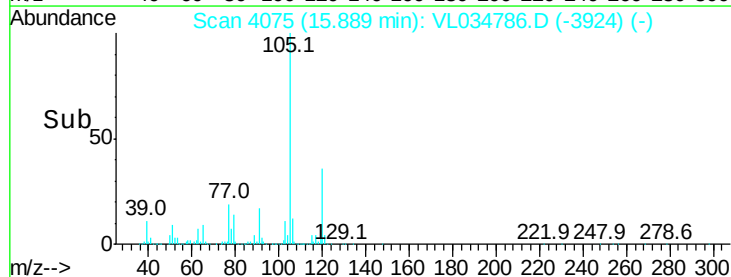
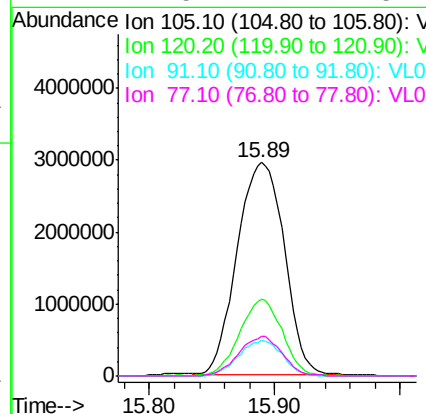
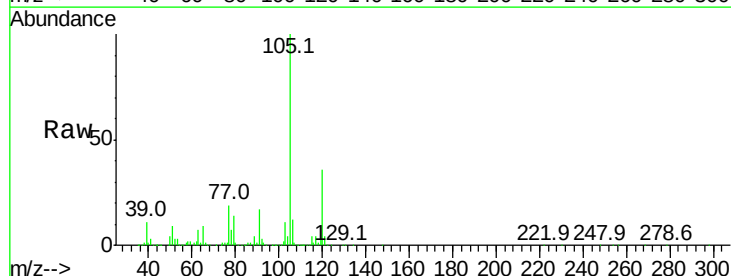
Instrument :
 MSVOA_L
 ClientSampleId :
 E051-1100

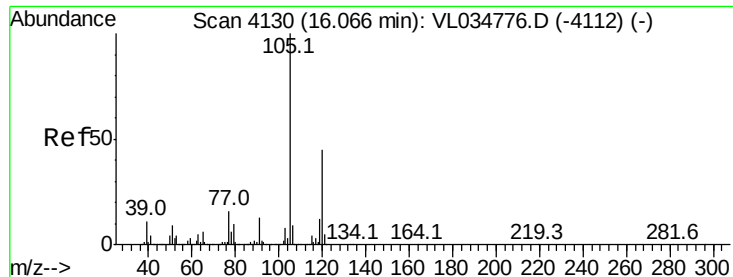
Tgt Ion: 91 Resp: 1174838
 Ion Ratio Lower Upper
 91 100
 126 0.0 11.7 46.7#



#72
 4-Ethyltoluene
 Concen: 32.533 ppbv
 RT: 15.89 min Scan# 4075
 Delta R.T. -0.02 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Tgt Ion: 105 Resp: 7686570
 Ion Ratio Lower Upper
 105 100
 120 33.4 23.0 34.6
 91 16.0 11.1 16.7
 77 17.5 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 33.916 ppbv

RT: 15.89 min Scan# 4075

Delta R.T. -0.18 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

Instrument :

MSVOA_L

ClientSampleId :

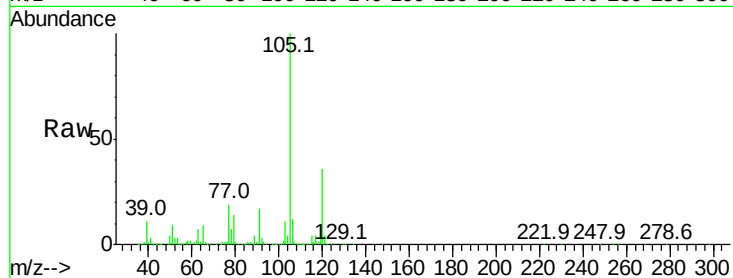
E051-1100

Tgt Ion:105 Resp: 7686570

Ion Ratio Lower Upper

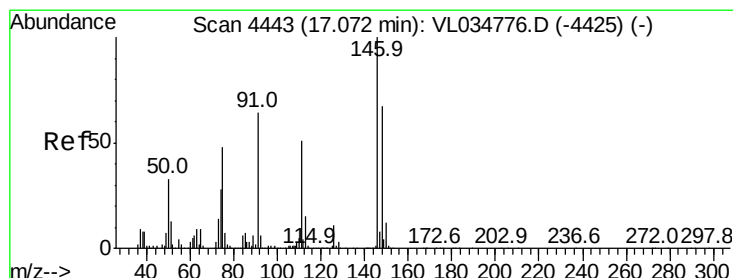
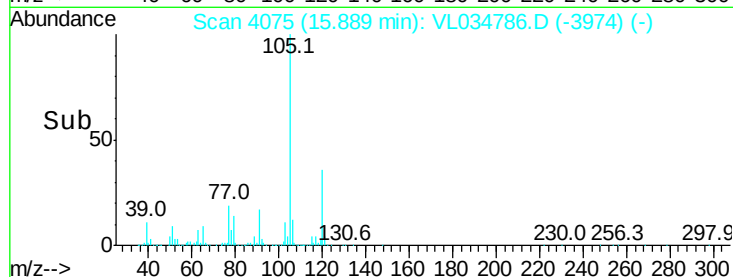
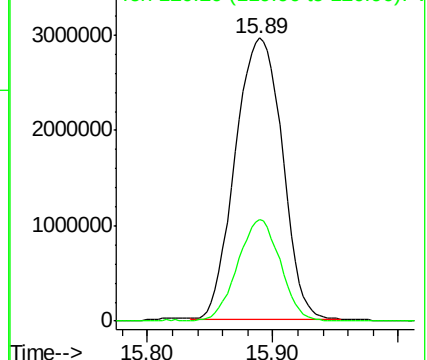
105 100

120 35.9 35.6 53.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#75

1,3-Dichlorobenzene

Concen: 25.119 ppbv

RT: 17.05 min Scan# 4436

Delta R.T. -0.02 min

Lab File: VL034786.D

Acq: 4 Mar 2020 9:32

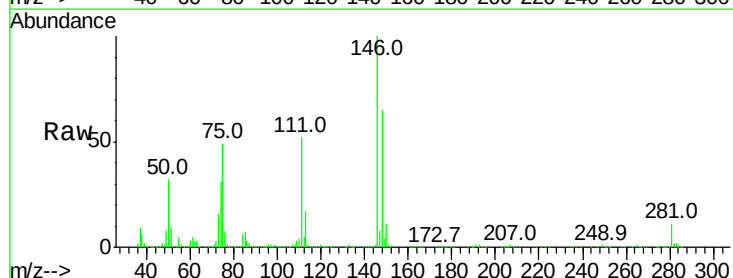
Tgt Ion:146 Resp: 3663489

Ion Ratio Lower Upper

146 100

111 51.3 24.7 74.1

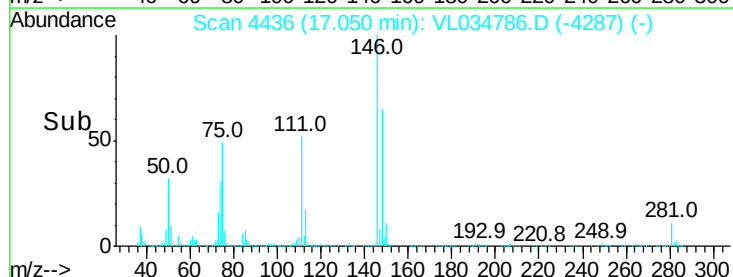
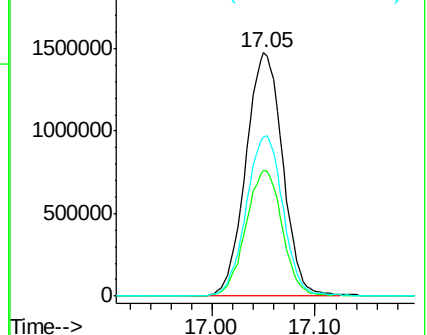
148 66.0 31.8 95.4

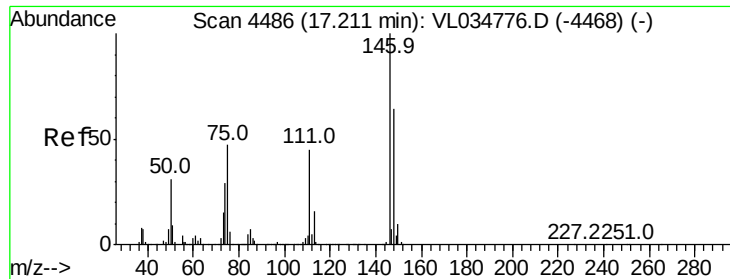


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

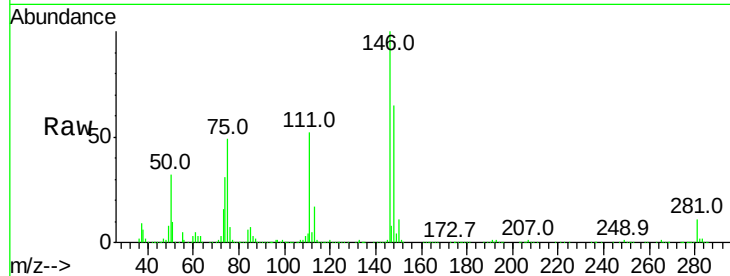




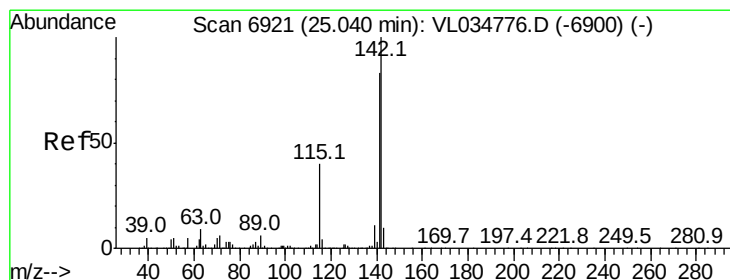
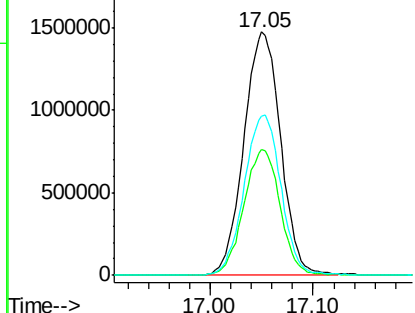
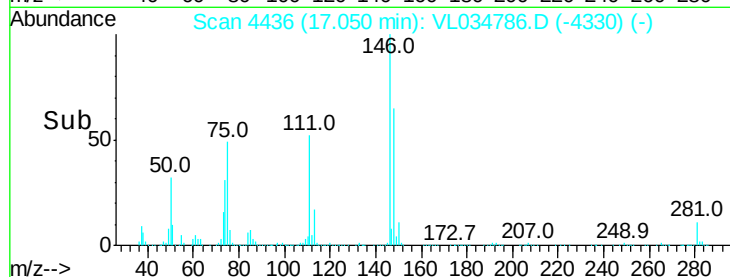
#76
 1,4-Dichlorobenzene
 Concen: 26.251 ppbv
 RT: 17.05 min Scan# 4436
 Delta R.T. -0.16 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Instrument :
 MSVOA_L
 ClientSampleId :
 E051-1100

Tgt Ion:146 Resp: 3663489
 Ion Ratio Lower Upper
 146 100
 111 51.3 23.5 70.5
 148 66.0 32.2 96.6

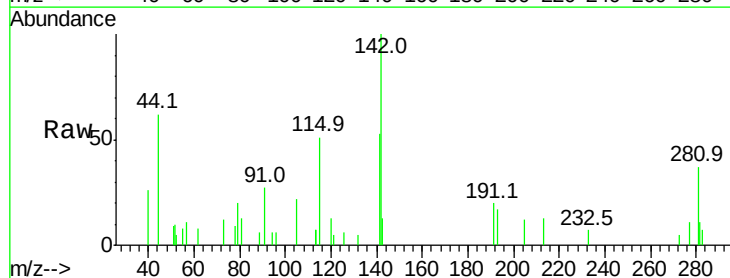


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V



#80
 Naphthalene, 2-methyl-
 Concen: 0.124 ppbv
 RT: 25.03 min Scan# 6917
 Delta R.T. -0.01 min
 Lab File: VL034786.D
 Acq: 4 Mar 2020 9:32

Tgt Ion:142 Resp: 5504
 Ion Ratio Lower Upper
 142 100
 141 76.1 67.7 101.5
 115 52.9 30.7 46.1#



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

