

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035001.D
 Acq On : 13 May 2020 00:14
 Operator : SY/AP
 Sample : L2566-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Quant Time: May 13 01:15:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	975395	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2319540	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2179383	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1821113	10.32	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

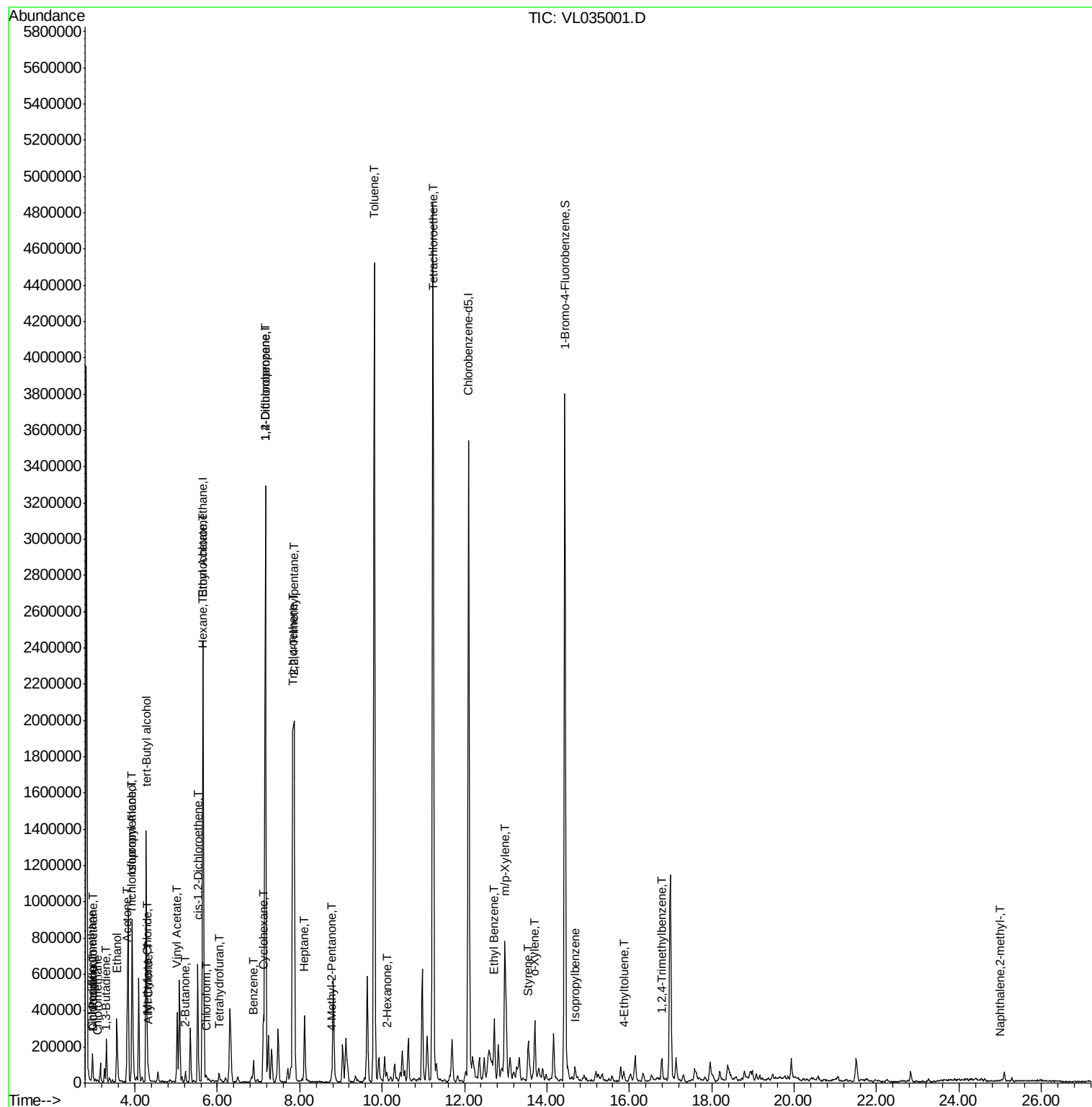
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	8391	0.061	ppbv 93
3) Chlorodifluoromethane	2.94	51	5877	0.053	ppbv 93
4) Chloromethane	3.10	50	3152	0.049	ppbv # 71
9) Propene	2.96	41	21936	0.454	ppbv # 11
10) Heptane	8.12	43	138439	1.144	ppbv 97
11) Trichlorofluoromethane	3.91	101	2931	0.021	ppbv # 18
13) Ethanol	3.56	45	341499	21.416	ppbv 99
15) Acetone	3.81	43	433153	3.359	ppbv 98
16) 1,3-Butadiene	3.29	39	1331	0.024	ppbv # 1
17) tert-Butyl alcohol	4.28	59	111511	0.972	ppbv # 38
19) Isopropyl Alcohol	3.93	45	954591	11.100	ppbv # 99
20) Methylene Chloride	4.31	84	25603	0.600	ppbv # 82
21) Allyl Chloride	4.33	41	3693	0.051	ppbv # 1
23) Vinyl Acetate	5.03	43	161068	0.985	ppbv # 1
25) Ethyl Acetate	5.66	43	366498	1.692	ppbv 97
26) Hexane	5.66	57	231805	2.469	ppbv # 74
29) Chloroform	5.74	83	14346	0.093	ppbv # 64
30) Cyclohexane	7.12	84	58023	0.801	ppbv # 3
31) cis-1,2-Dichloroethene	5.53	61	345273	3.768	ppbv 96
34) 2-Butanone	5.22	43	55411	0.384	ppbv 99
36) Benzene	6.88	78	86123	0.450	ppbv 98
38) Trichloroethene	7.83	130	507423	6.849	ppbv 97
39) 1,2-Dichloropropane	7.17	63	628960	8.204	ppbv # 24
41) Tetrahydrofuran	6.05	42	15951	0.210	ppbv # 73
44) 2,2,4-Trimethylpentane	7.86	57	1757416	5.169	ppbv 96
50) 4-Methyl-2-Pentanone	8.76	43	4178	0.020	ppbv # 86
51) 2-Hexanone	10.12	43	6162	0.038	ppbv # 47
52) Tetrachloroethene	11.24	164	1253253	18.430	ppbv 99
53) Toluene	9.81	91	3108433	15.333	ppbv 100
58) Ethyl Benzene	12.73	91	277363	1.029	ppbv 93
59) m/p-Xylene	12.98	91	752308	3.173	ppbv # 58
60) o-Xylene	13.71	91	238380	1.019	ppbv 96
61) Styrene	13.55	104	92044	0.622	ppbv 96
62) Isopropylbenzene	14.68	105	33579	0.096	ppbv # 49
72) 4-Ethyltoluene	15.86	105	23063	0.088	ppbv # 85
74) 1,2,4-Trimethylbenzene	16.78	105	51253	0.185	ppbv # 70
80) Naphthalene, 2-methyl-	25.00	142	1447	0.027	ppbv # 40

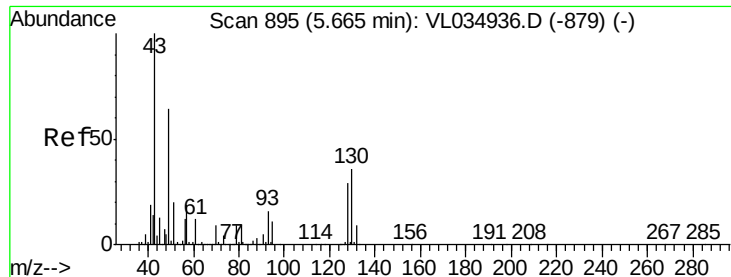
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

SG-6

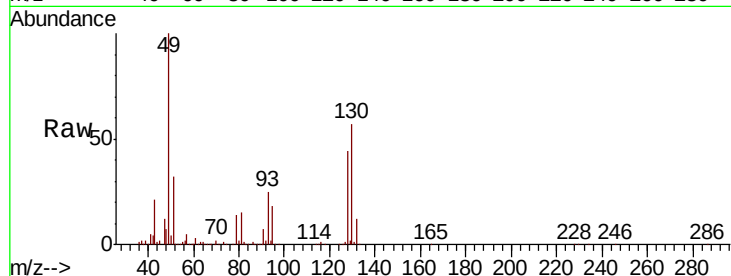
Tot Ion: 49 Resp: 975395

Ion Ratio Lower Upper

49 100

128 45.4 22.1 66.5

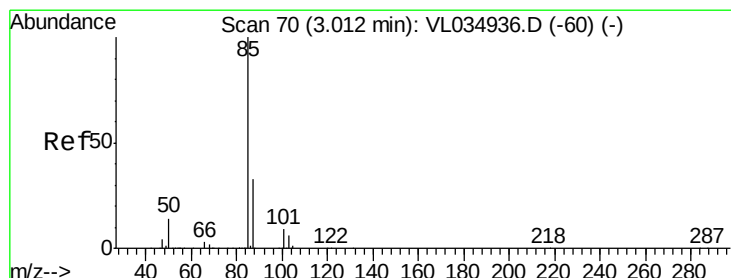
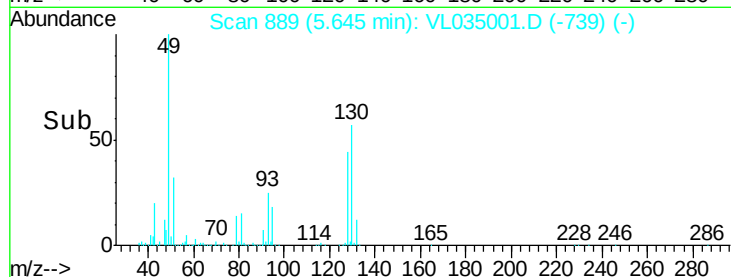
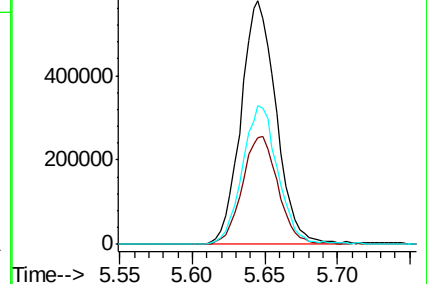
130 57.7 29.1 87.3



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: 0.061 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL035001.D

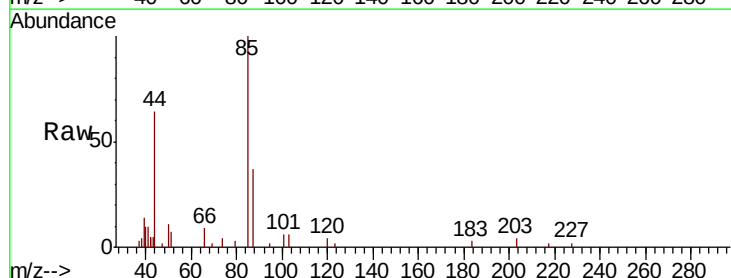
Acq: 13 May 2020 00:14

Tgt Ion: 85 Resp: 8391

Ion Ratio Lower Upper

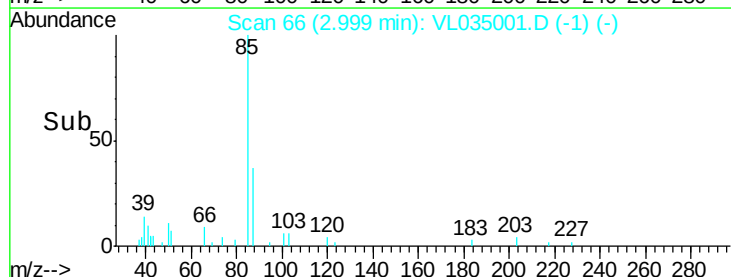
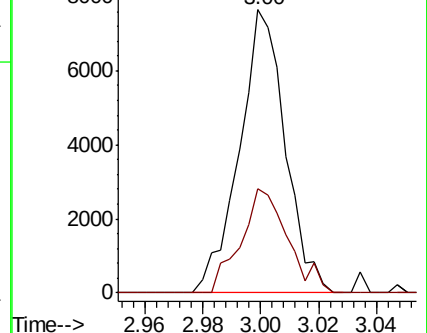
85 100

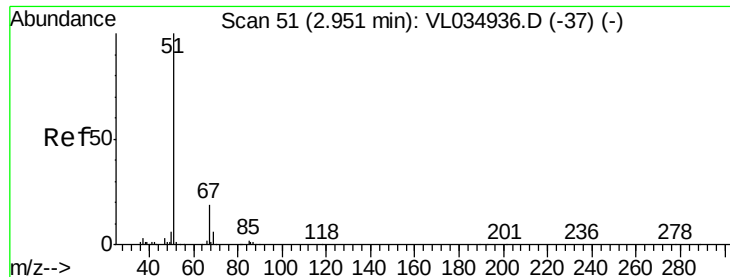
87 36.7 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.053 ppbv

RT: 2.94 min Scan# 48

Delta R.T. -0.01 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

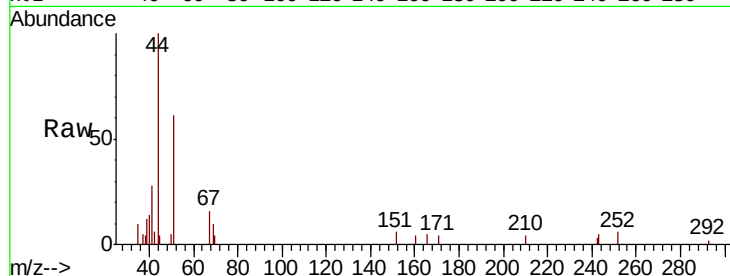
SG-6

Tot Ion: 51 Resp: 5877

Ion Ratio Lower Upper

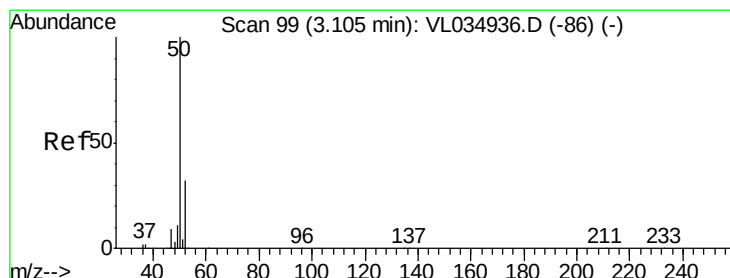
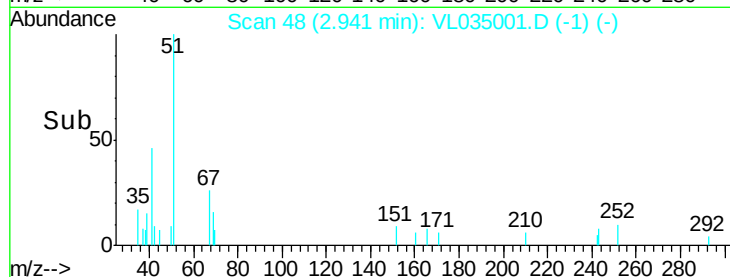
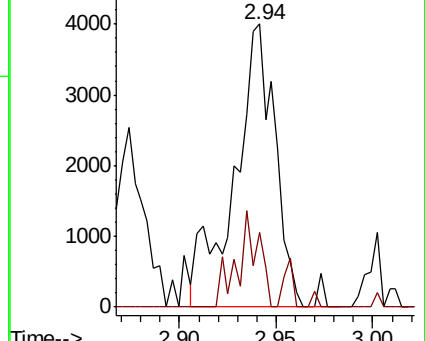
51 100

67 22.1 15.0 22.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.049 ppbv

RT: 3.10 min Scan# 96

Delta R.T. -0.01 min

Lab File: VL035001.D

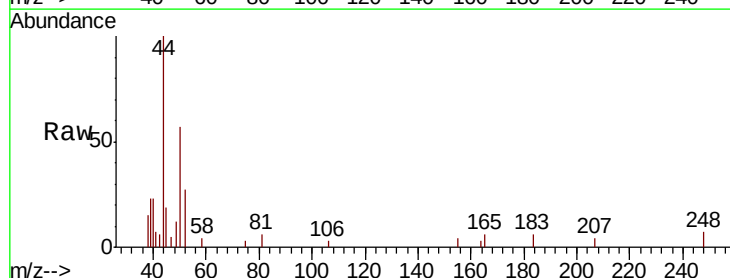
Acq: 13 May 2020 00:14

Tgt Ion: 50 Resp: 3152

Ion Ratio Lower Upper

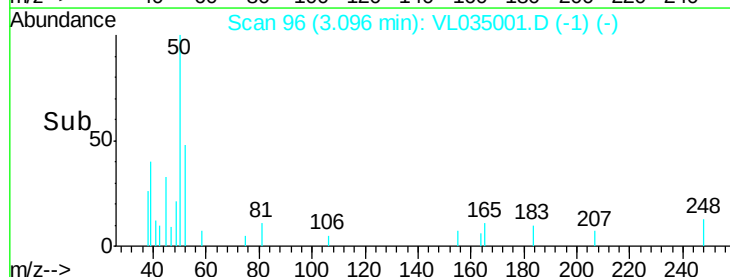
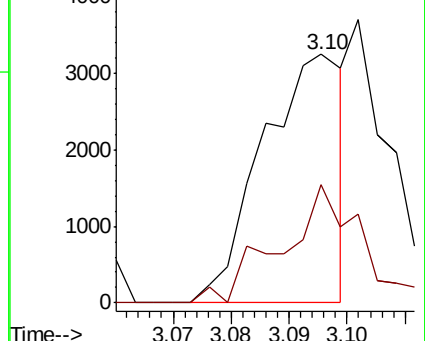
50 100

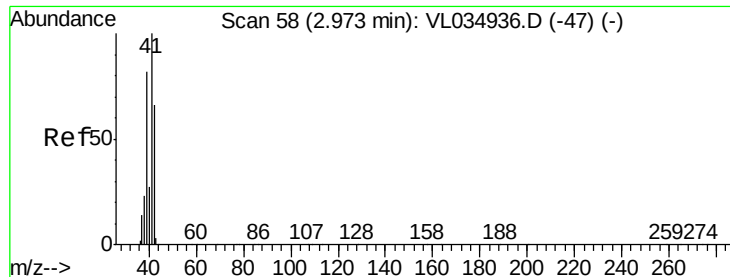
52 47.8 25.4 38.2#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.454 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.01 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampled :

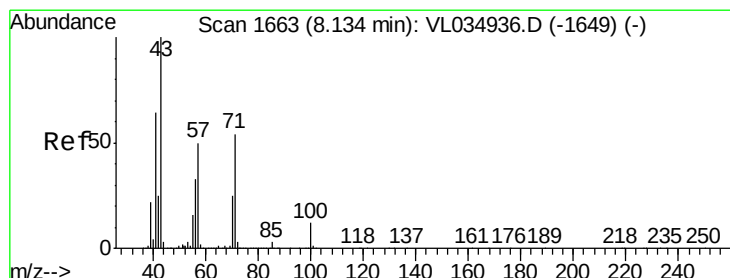
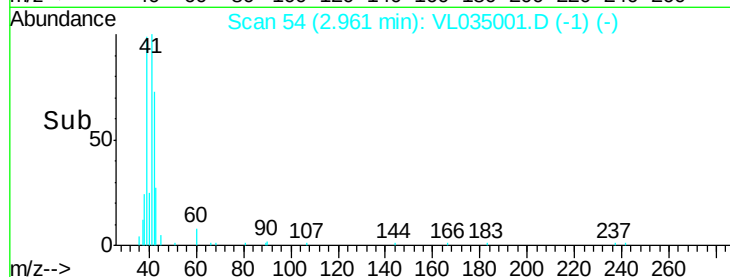
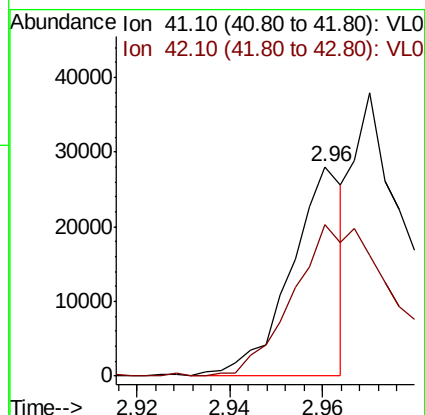
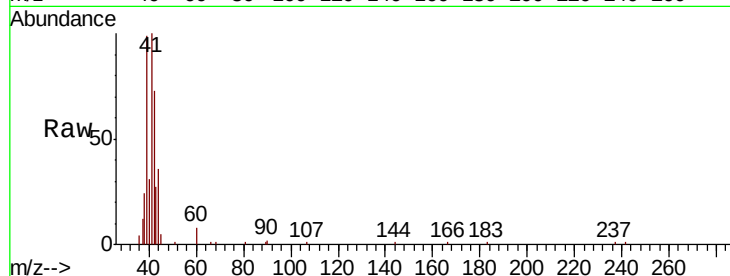
SG-6

Tot Ion: 41 Resp: 21936

Ion Ratio Lower Upper

41 100

42 140.1 54.5 81.7#



#10

Heptane

Concen: 1.144 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL035001.D

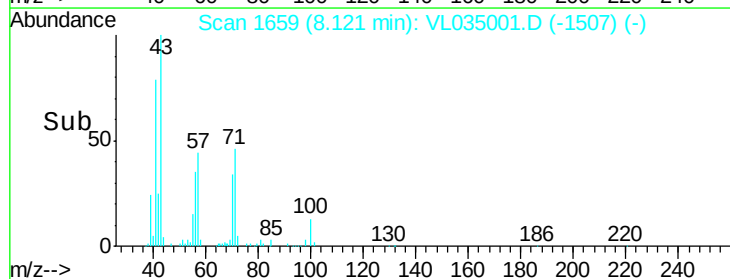
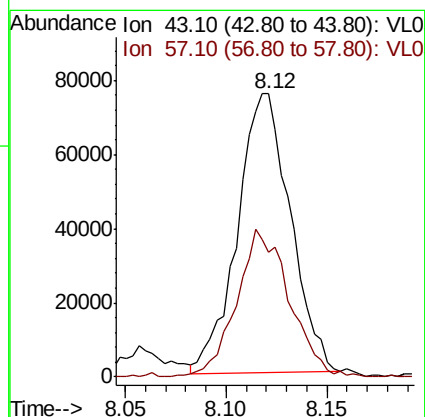
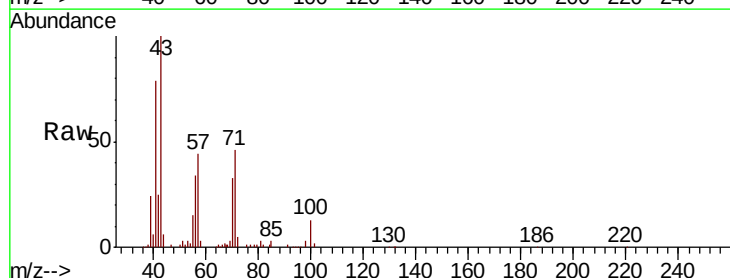
Acq: 13 May 2020 00:14

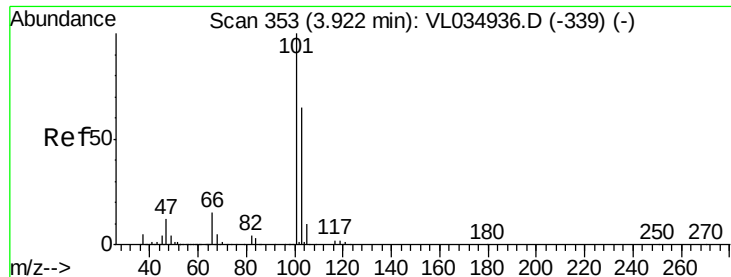
Tgt Ion: 43 Resp: 138439

Ion Ratio Lower Upper

43 100

57 53.4 41.1 61.7

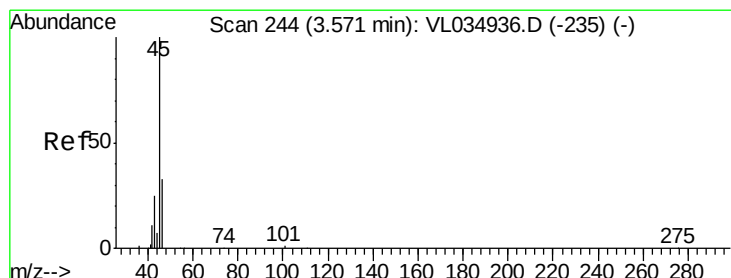
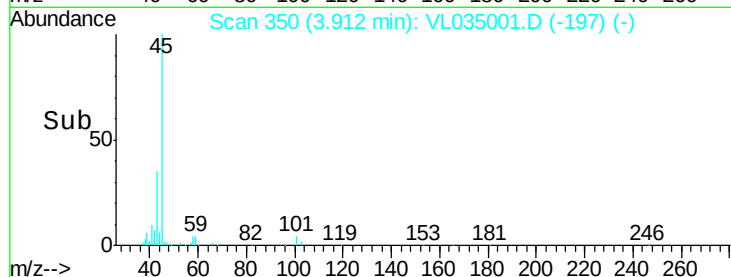
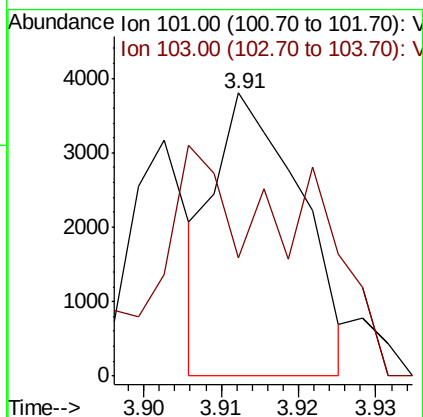
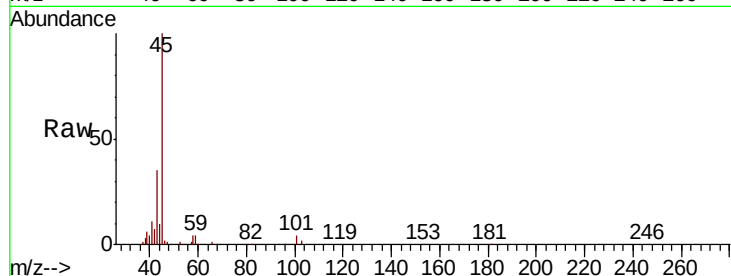




#11
 Trichlorofluoromethane
 Concen: 0.021 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

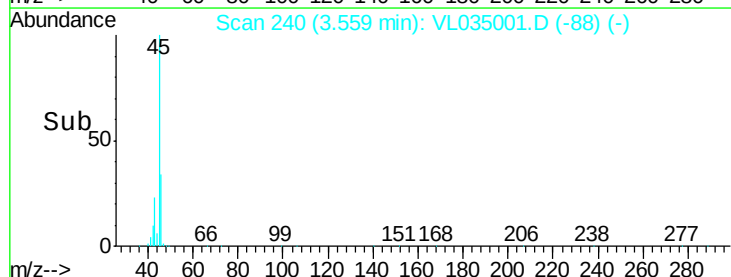
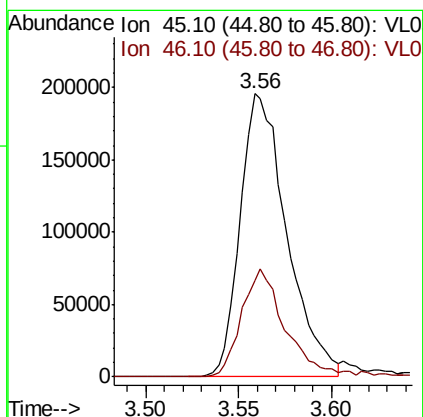
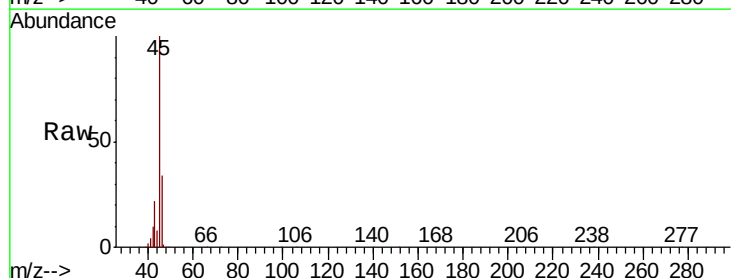
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

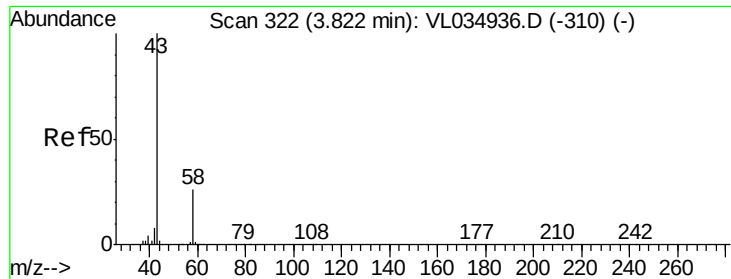
Tot Ion:101 Resp: 2931
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.9 77.9#



#13
 Ethanol
 Concen: 21.416 ppbv
 RT: 3.56 min Scan# 240
 Delta R.T. -0.01 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Tgt Ion: 45 Resp: 341499
 Ion Ratio Lower Upper
 45 100
 46 36.7 14.3 57.3





#15

Acetone

Concen: 3.359 ppbv

RT: 3.81 min Scan# 318

Delta R.T. -0.01 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

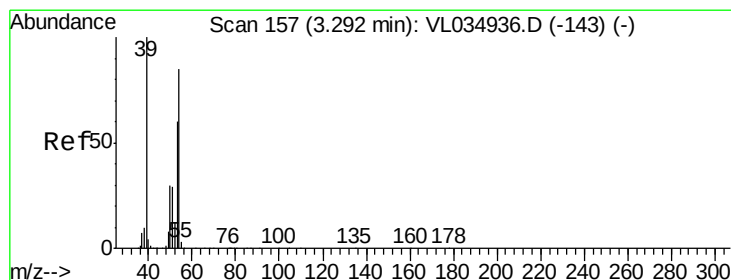
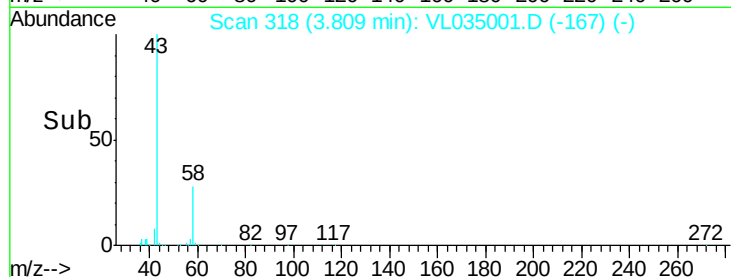
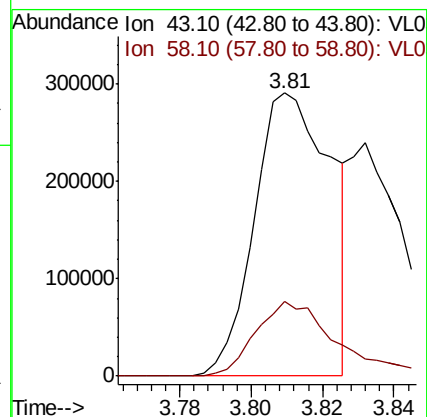
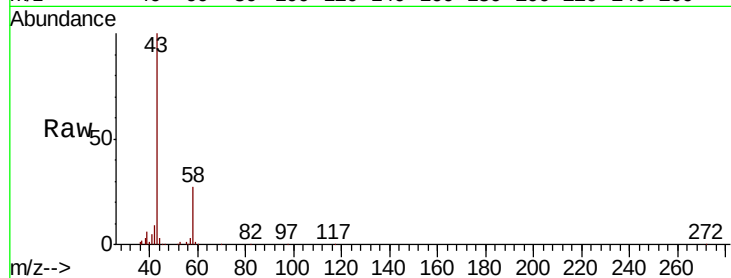
SG-6

Tot Ion: 43 Resp: 433153

Ion Ratio Lower Upper

43 100

58 28.4 21.7 32.5



#16

1,3-Butadiene

Concen: 0.024 ppbv

RT: 3.29 min Scan# 155

Delta R.T. -0.01 min

Lab File: VL035001.D

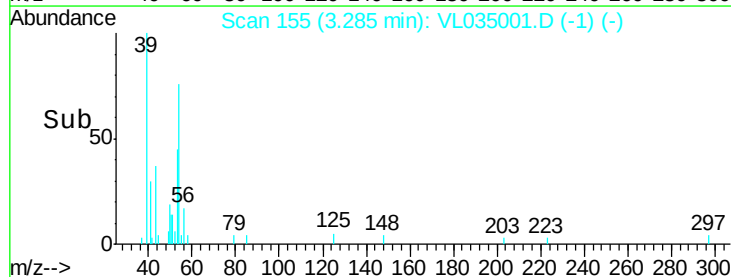
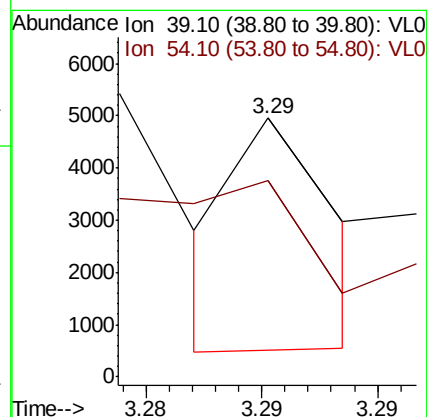
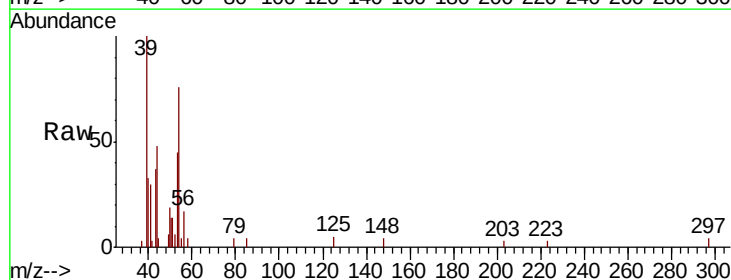
Acq: 13 May 2020 00:14

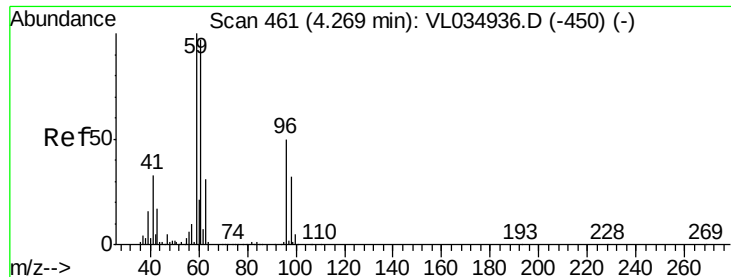
Tgt Ion: 39 Resp: 1331

Ion Ratio Lower Upper

39 100

54 438.4 66.6 100.0#





#17

tert-Butyl alcohol

Concen: 0.972 ppbv

RT: 4.28 min Scan# 463

Delta R.T. 0.01 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampled :

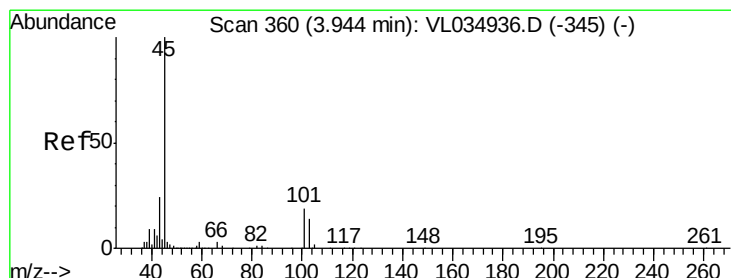
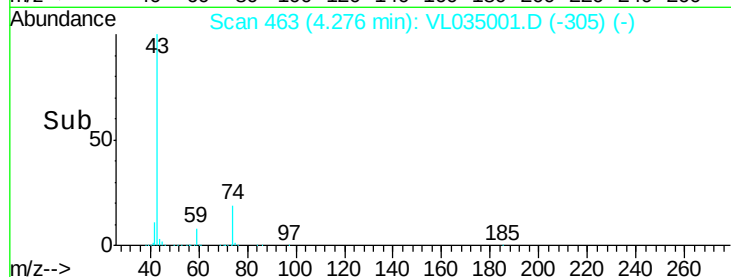
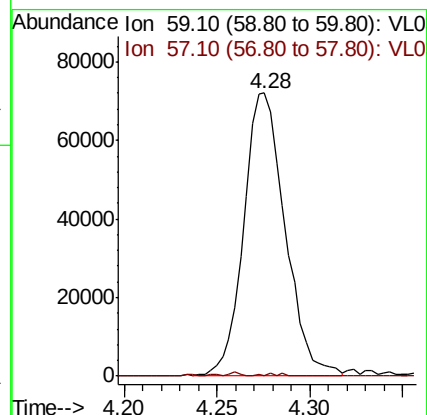
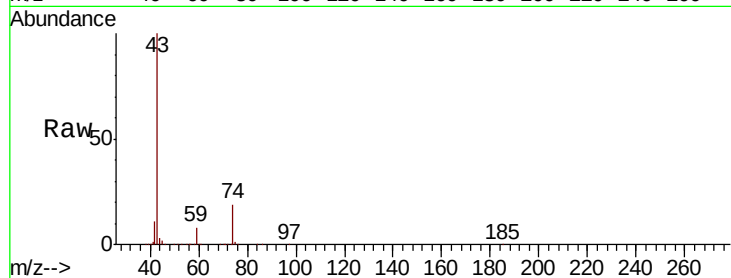
SG-6

Tot Ion: 59 Resp: 111511

Ion Ratio Lower Upper

59 100

57 34.2 8.7 13.1#



#19

Isopropyl Alcohol

Concen: 11.100 ppbv

RT: 3.93 min Scan# 355

Delta R.T. -0.02 min

Lab File: VL035001.D

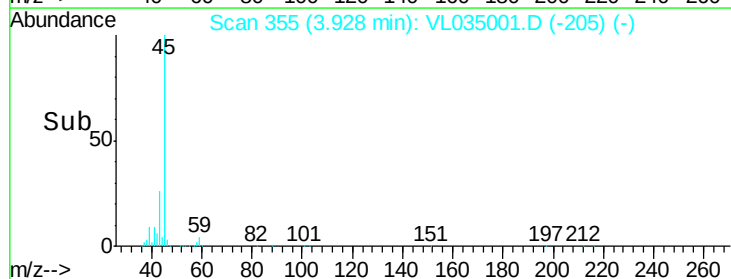
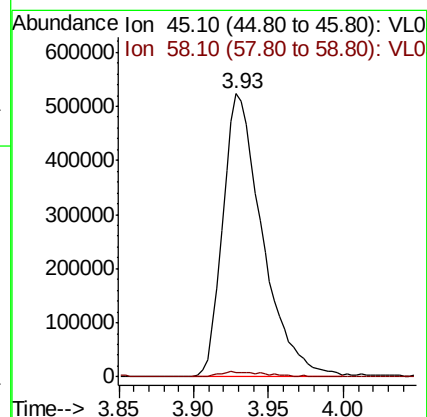
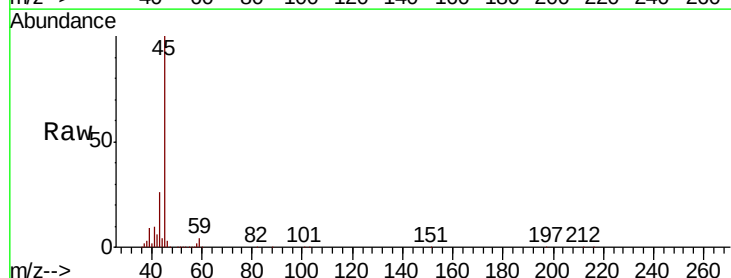
Acq: 13 May 2020 00:14

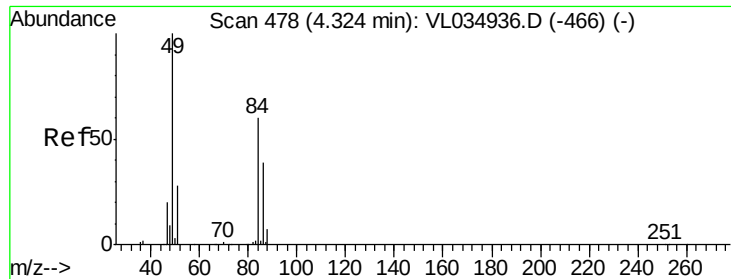
Tgt Ion: 45 Resp: 954591

Ion Ratio Lower Upper

45 100

58 2.6 1.7 2.5#

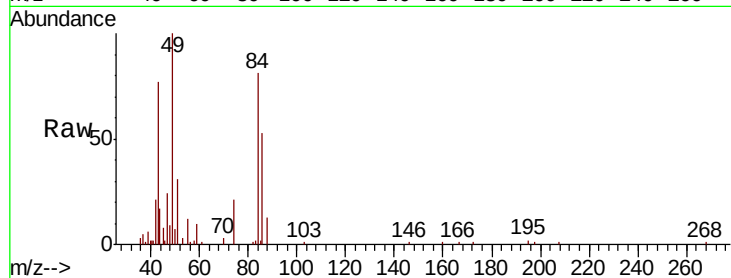




#20
Methvlene Chloride
Concen: 0.600 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

Instrument :
MSVOA_L
ClientSampleId :
SG-6

Tot Ion	84	Resp	25603
Ion Ratio	Lower	Upper	
84	100		
49	132.4	132.5	198.7#
51	36.6	38.4	57.6#
86	66.1	51.2	76.8



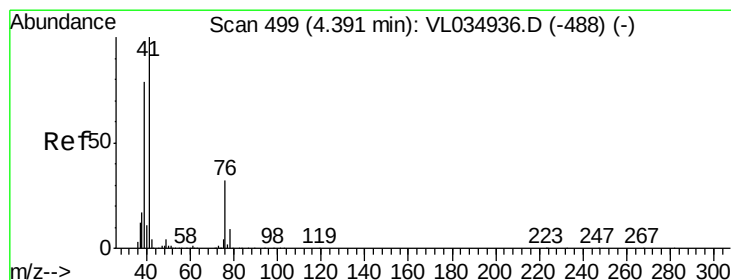
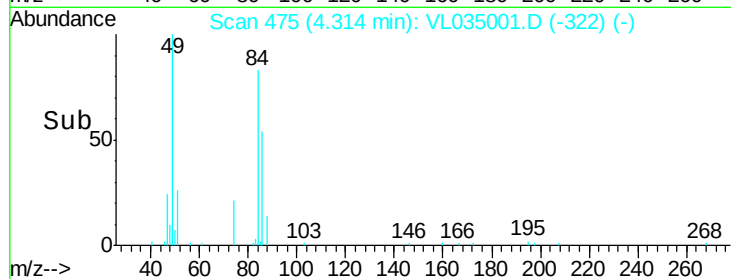
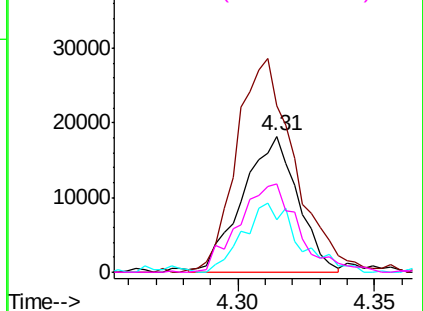
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

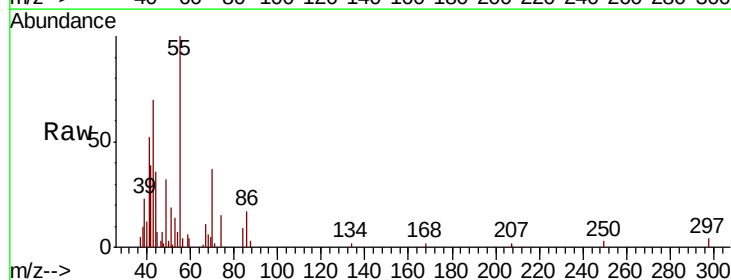
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.051 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.06 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

Tgt Ion	41	Resp	3693
Ion Ratio	Lower	Upper	
41	100		
76	0.0	23.6	35.4#
39	177.4	61.9	92.9#

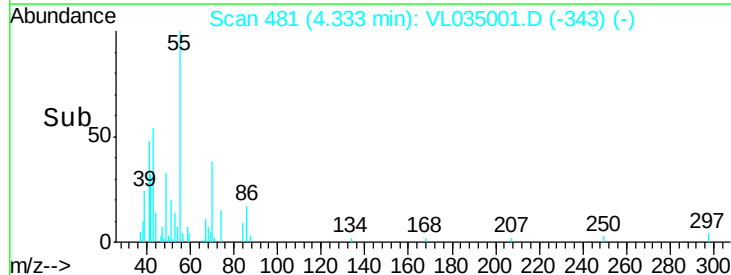
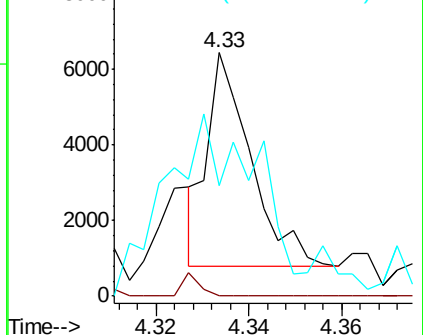


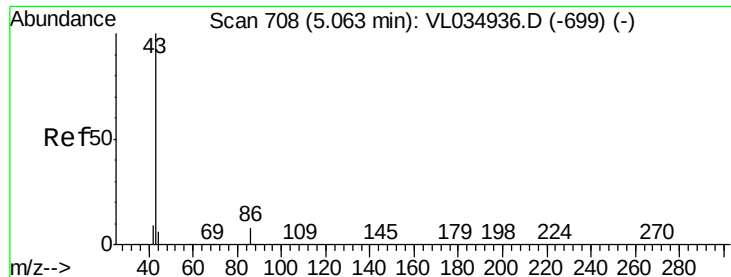
Abundance

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: 0.985 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.04 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

SG-6

Tot Ion: 43 Resp: 161068

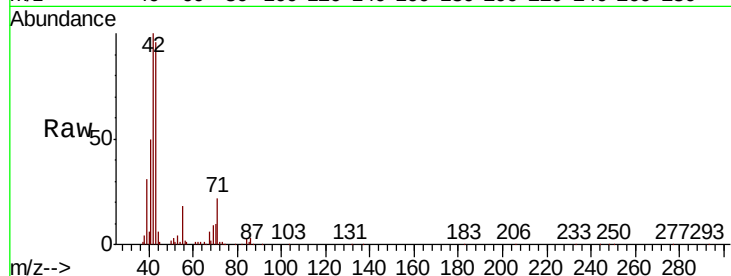
Ion Ratio Lower Upper

43 100

86 3.1 5.5 8.3#

42 104.5 8.0 12.0#

44 5.1 4.5 6.7

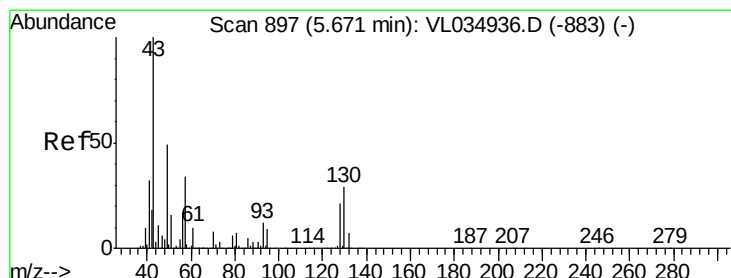
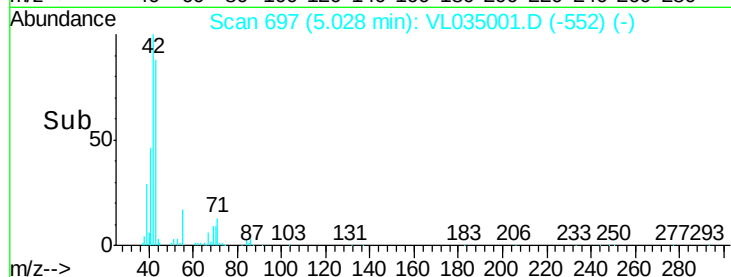
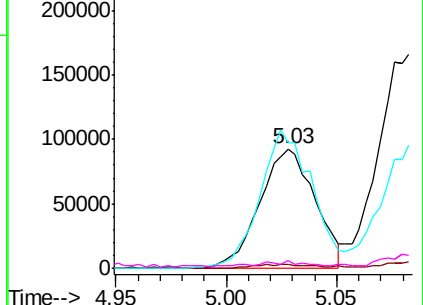


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.692 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Tgt Ion: 43 Resp: 366498

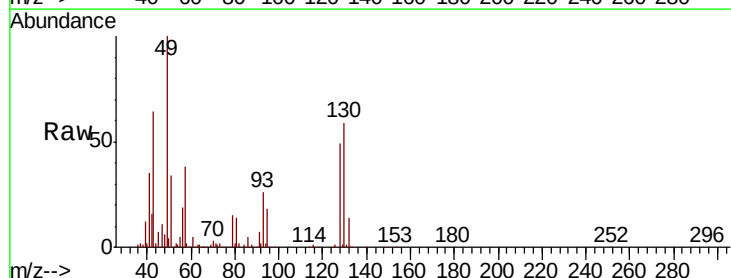
Ion Ratio Lower Upper

43 100

45 8.7 8.1 12.1

61 8.1 7.8 11.8

70 7.0 6.0 9.0

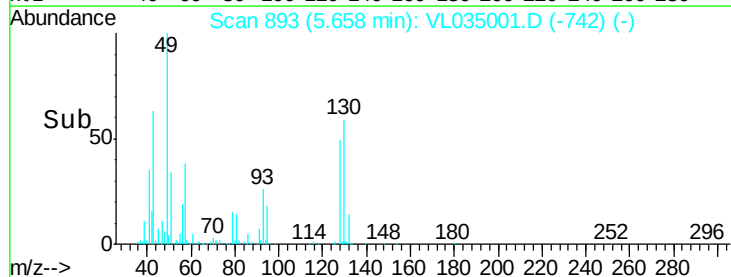
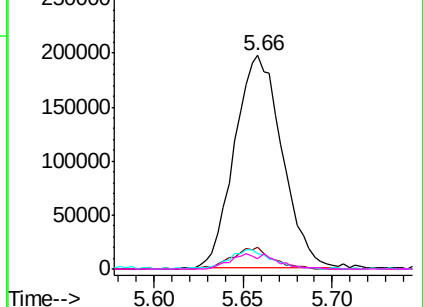


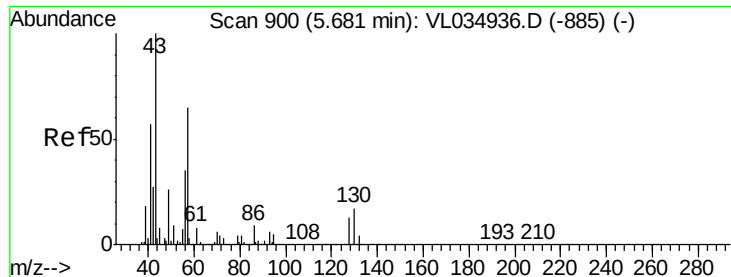
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

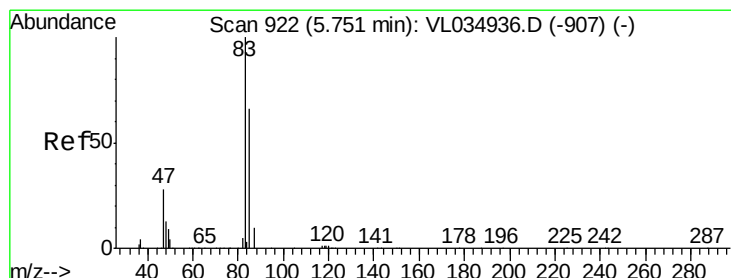
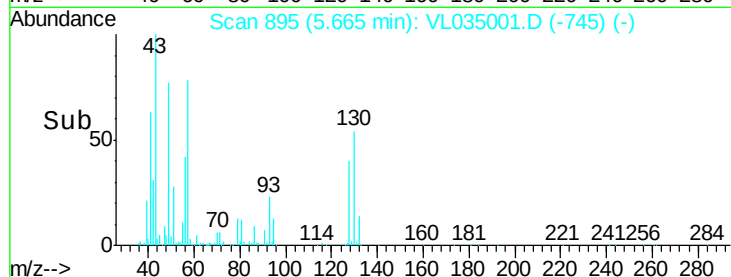
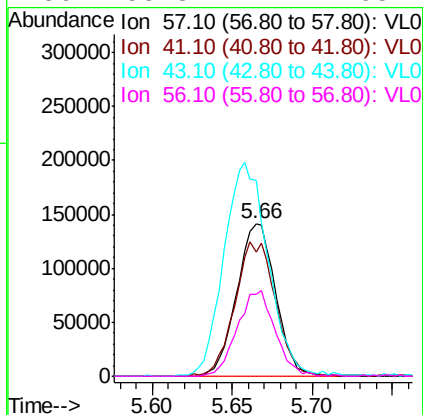
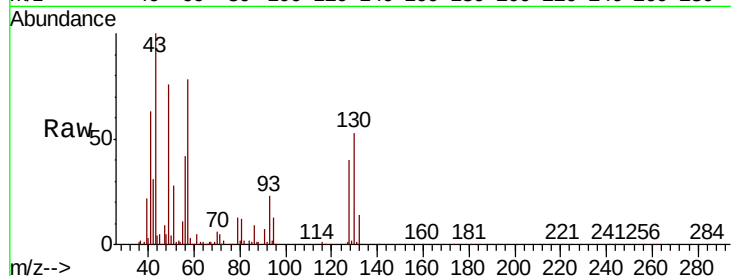




#26
Hexane
Concen: 2.469 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

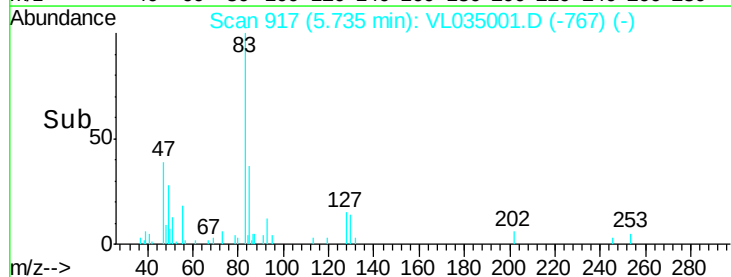
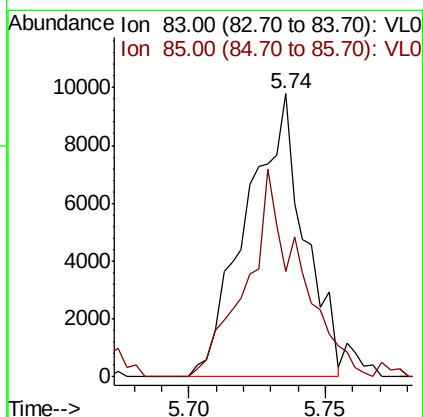
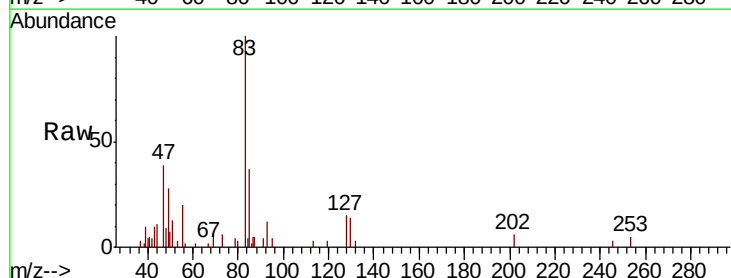
Instrument :
MSVOA_L
ClientSampleID :
SG-6

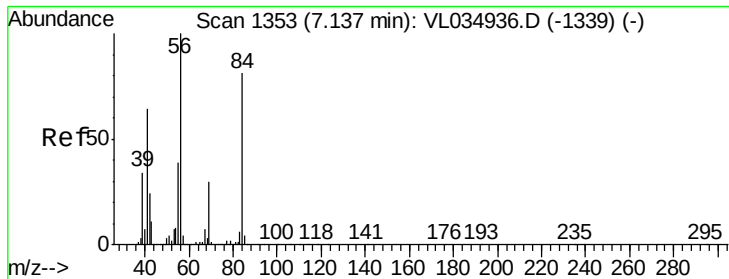
Tot Ion: 57 Resp: 231805
Ion Ratio Lower Upper
57 100
41 93.6 72.7 109.1
43 161.6 182.1 273.1#
56 55.3 42.2 63.2



#29
Chloroform
Concen: 0.093 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

Tgt Ion: 83 Resp: 14346
Ion Ratio Lower Upper
83 100
85 37.4 53.0 79.6#

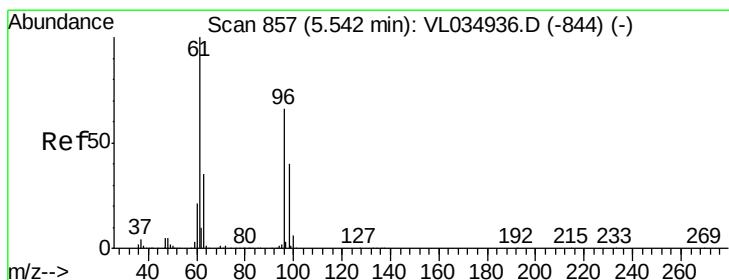
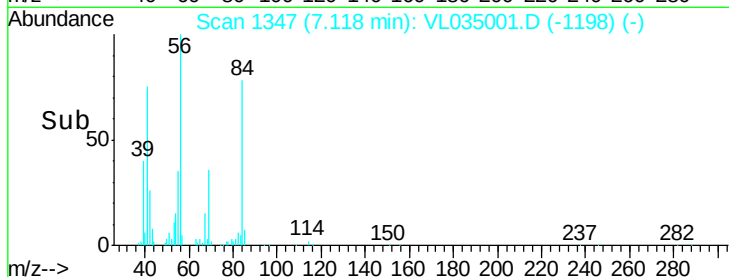
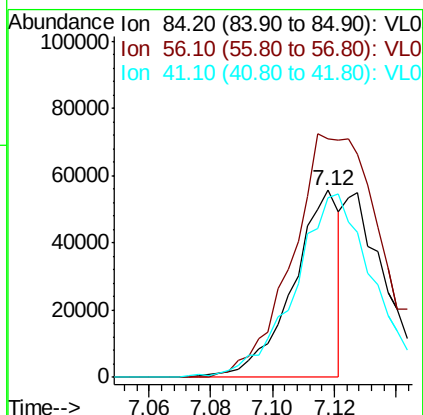
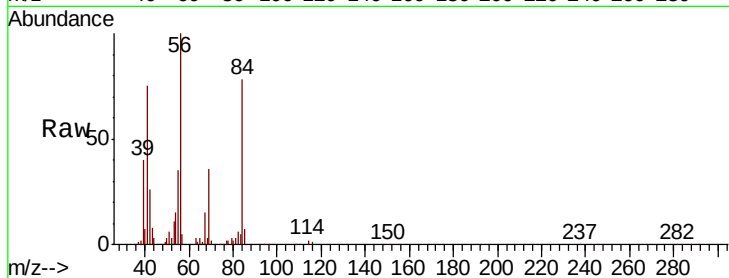




#30
Cyclohexane
Concen: 0.801 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

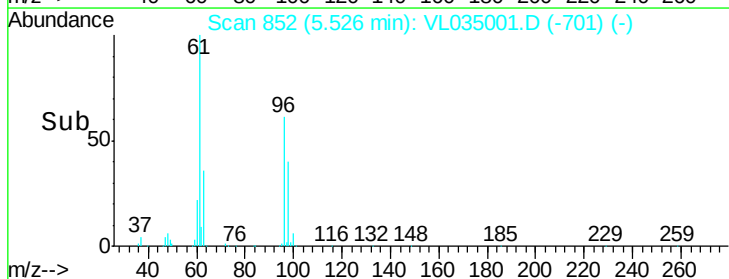
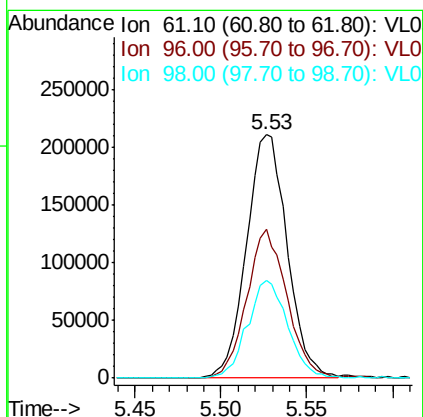
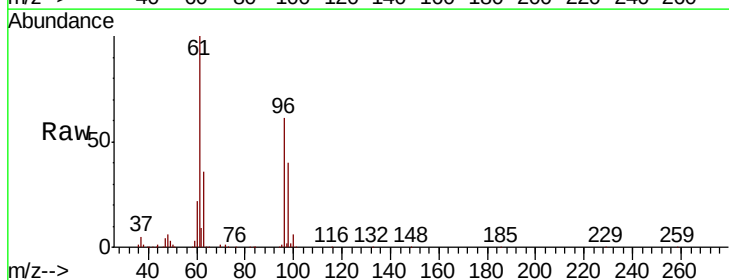
Instrument :
MSVOA_L
ClientSampleId :
SG-6

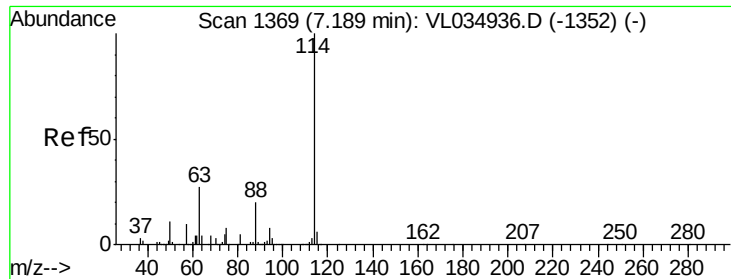
Tot Ion: 84 Resp: 58023
Ion Ratio Lower Upper
84 100
56 259.0 111.4 167.2#
41 168.4 66.7 100.1#



#31
cis-1,2-Dichloroethene
Concen: 3.768 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

Tgt Ion: 61 Resp: 345273
Ion Ratio Lower Upper
61 100
96 60.8 53.0 79.6
98 40.0 32.2 48.2

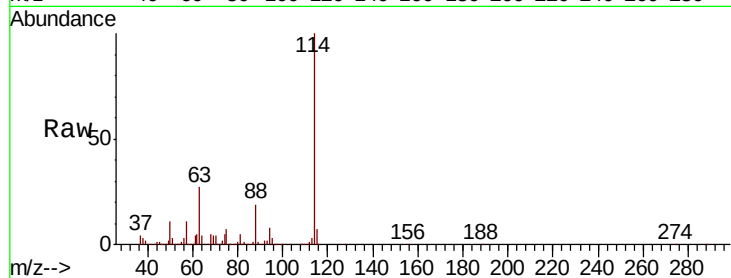




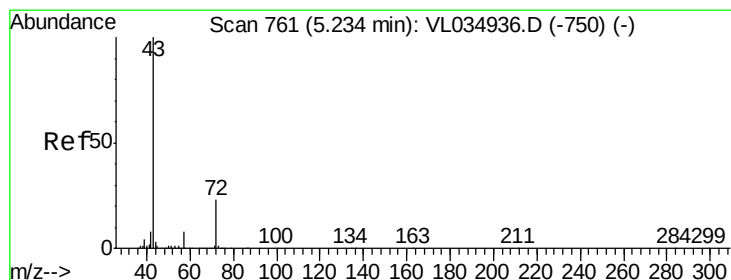
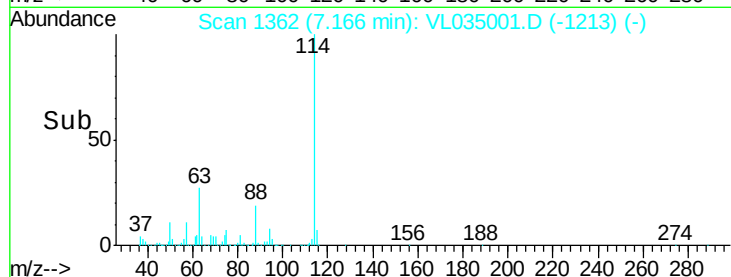
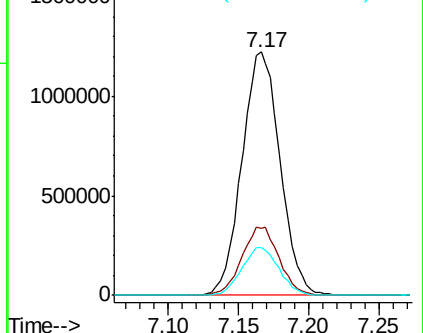
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Tot Ion:114 Resp: 2319540
 Ion Ratio Lower Upper
 114 100
 63 27.5 22.2 33.4
 88 19.3 15.5 23.3

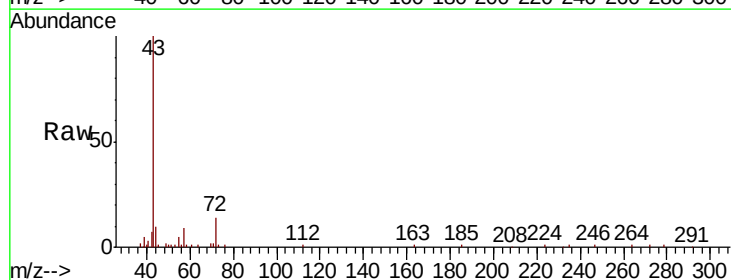


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

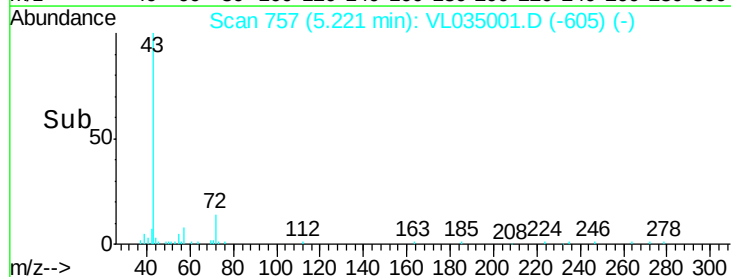
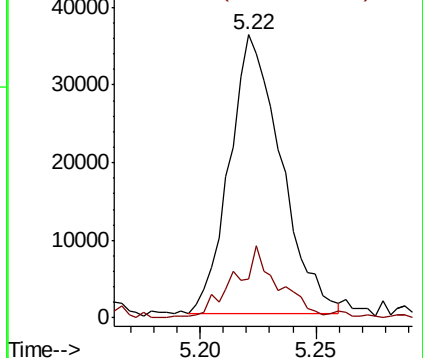


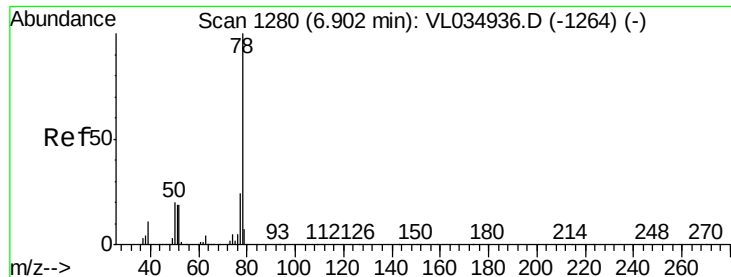
#34
 2-Butanone
 Concen: 0.384 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Tgt Ion: 43 Resp: 55411
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.0 27.0



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





#36

Benzene

Concen: 0.450 ppbv

RT: 6.88 min Scan# 1272

Delta R.T. -0.03 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

SG-6

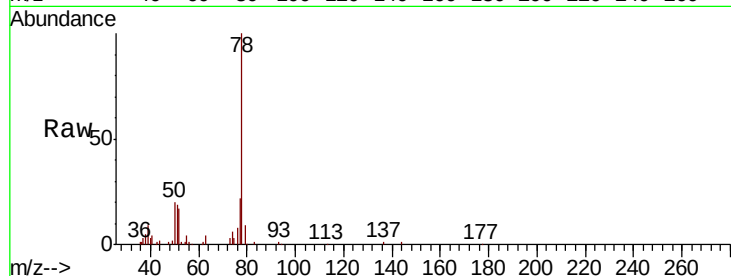
Tot Ion: 78 Resp: 86123

Ion Ratio Lower Upper

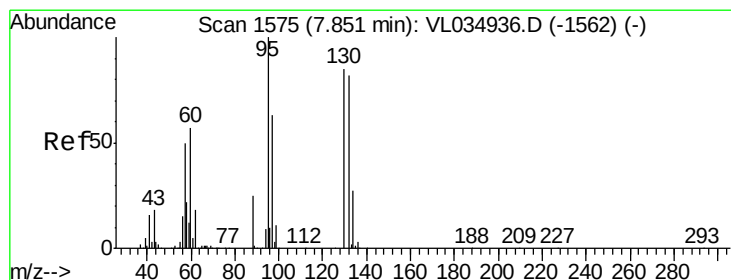
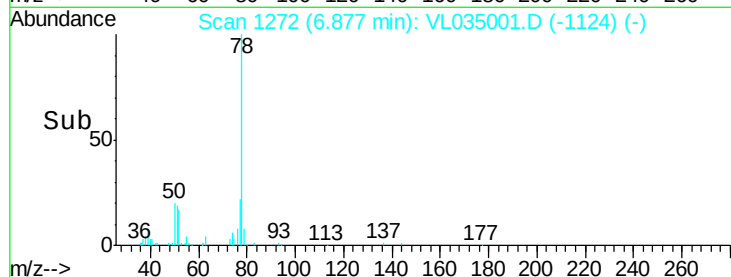
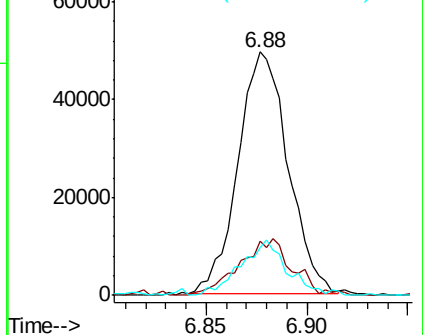
78 100

77 22.5 19.0 28.6

50 20.1 15.8 23.8



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



#38

Trichloroethene

Concen: 6.849 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Tgt Ion:130 Resp: 507423

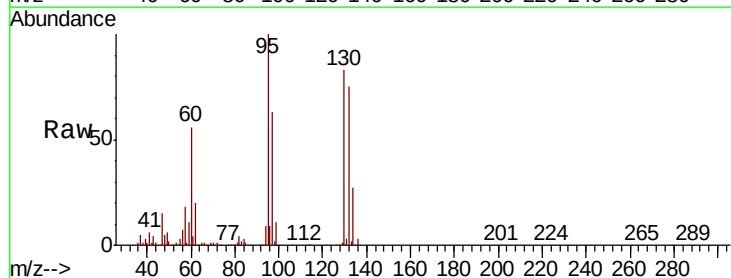
Ion Ratio Lower Upper

130 100

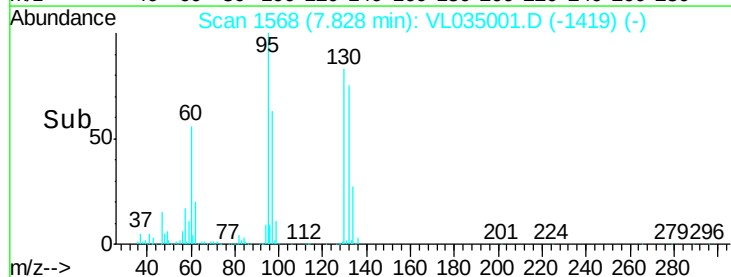
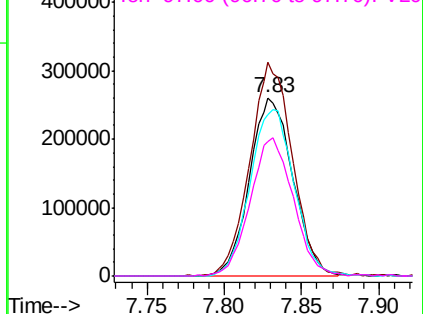
95 119.3 93.4 140.0

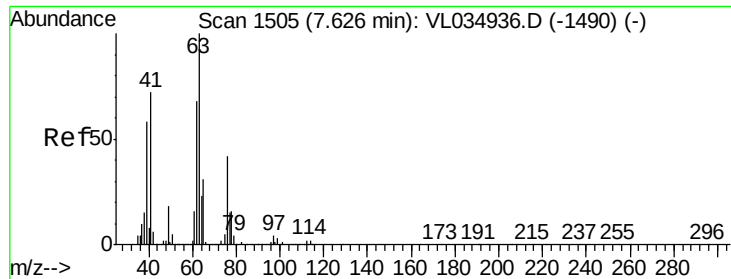
132 90.4 76.4 114.6

97 75.5 58.5 87.7



Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0





#39

1,2-Dichloropropane

Concen: 8.204 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.46 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

SG-6

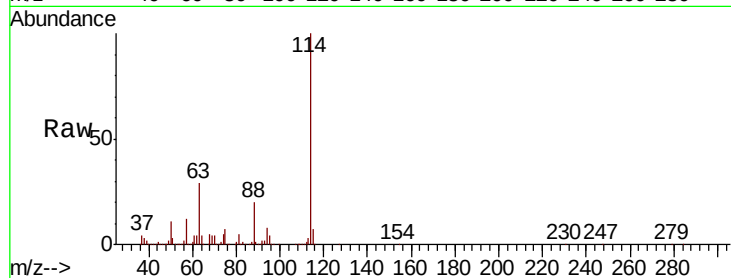
Tot Ion: 63 Resp: 628960

Ion Ratio Lower Upper

63 100

41 0.0 57.8 86.8#

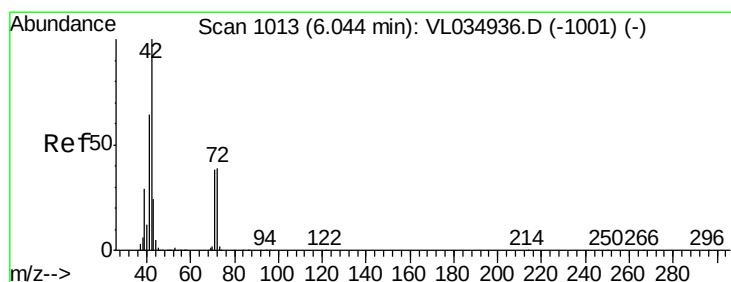
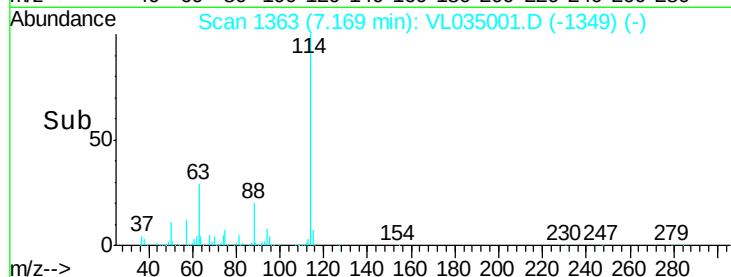
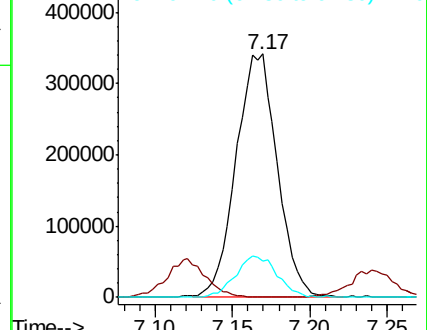
62 14.9 54.2 81.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.210 ppbv

RT: 6.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

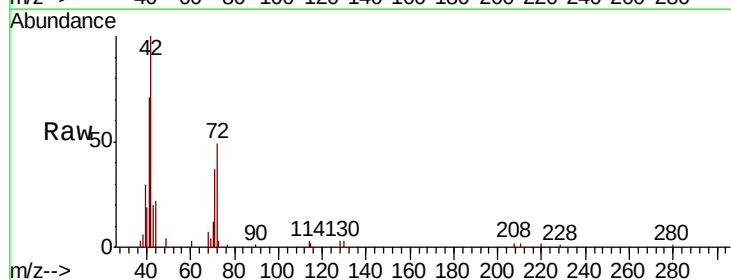
Tgt Ion: 42 Resp: 15951

Ion Ratio Lower Upper

42 100

72 55.7 31.4 47.0#

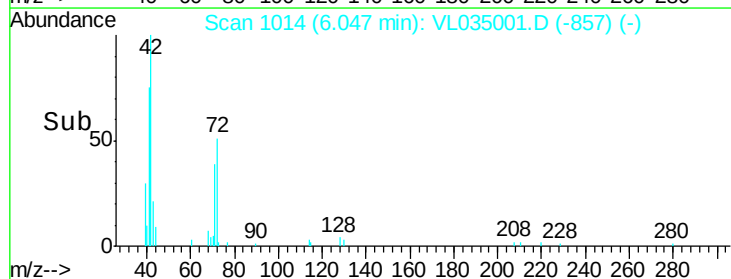
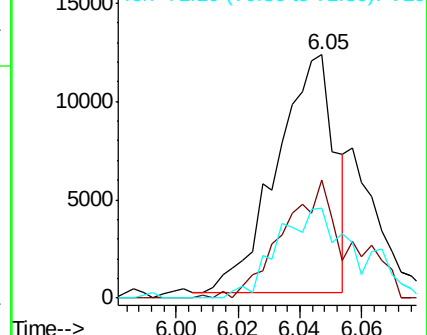
71 53.0 29.8 44.8#

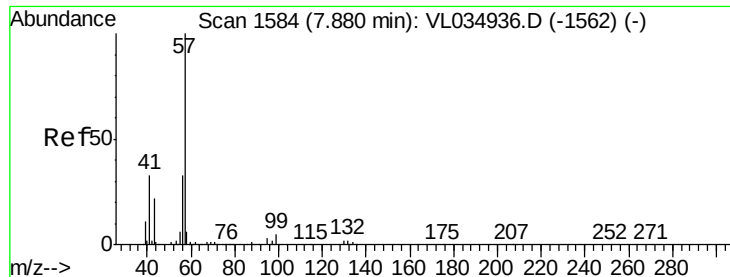


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

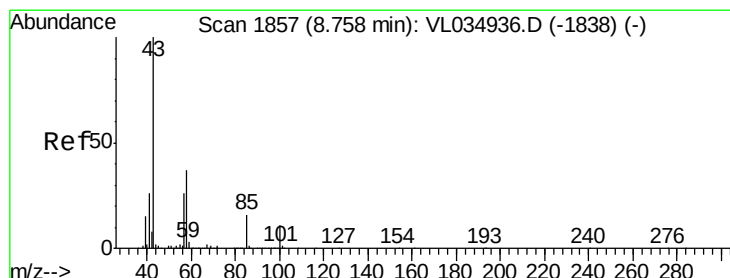
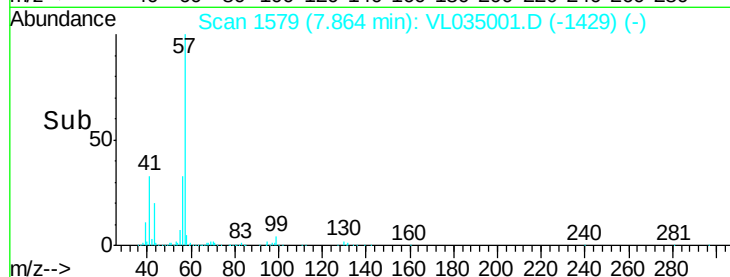
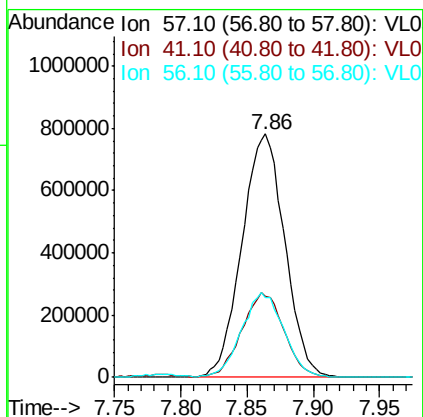
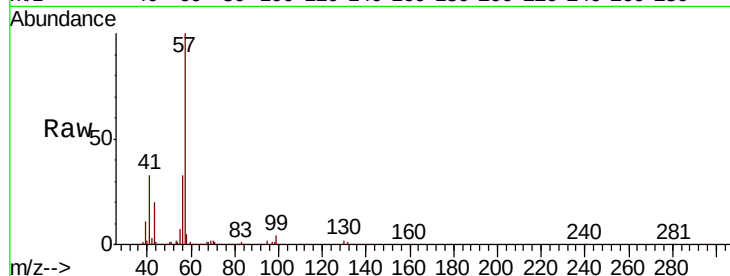




#44
 2,2,4-Trimethylpentane
 Concen: 5.169 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

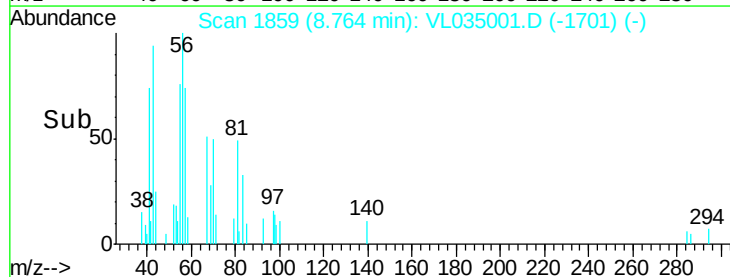
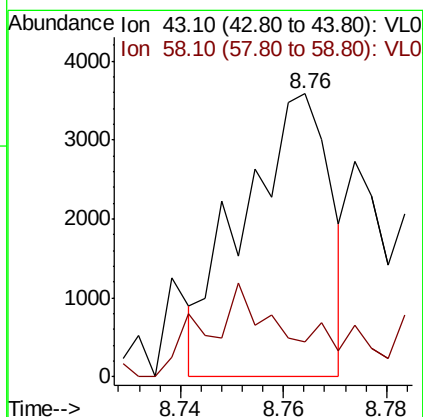
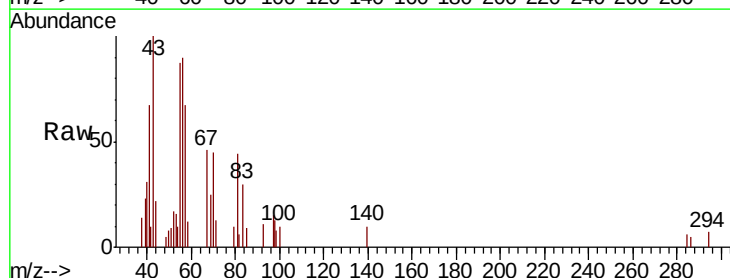
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

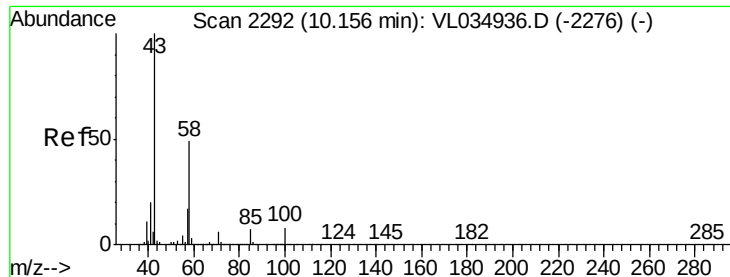
Tot Ion: 57 Resp: 1757416
 Ion Ratio Lower Upper
 57 100
 41 34.5 26.4 39.6
 56 34.4 25.5 38.3



#50
 4-Methyl-2-Pentanone
 Concen: 0.020 ppbv
 RT: 8.76 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Tgt Ion: 43 Resp: 4178
 Ion Ratio Lower Upper
 43 100
 58 44.9 29.1 43.7#

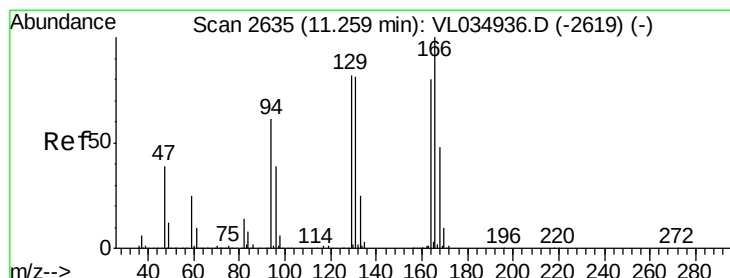
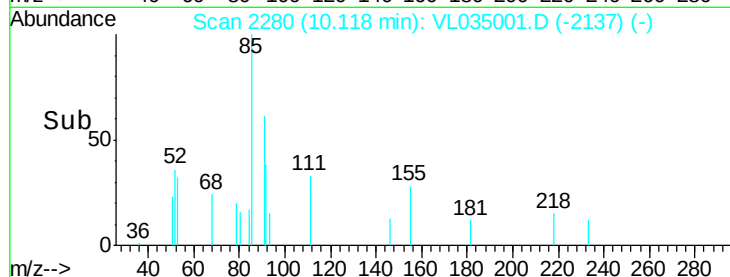
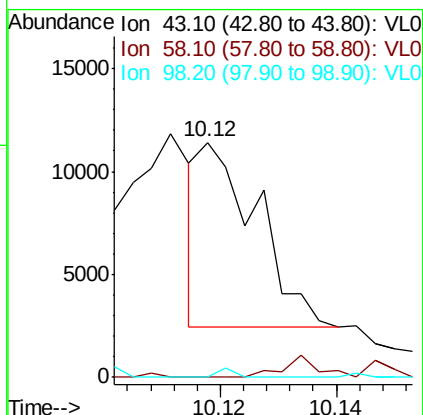
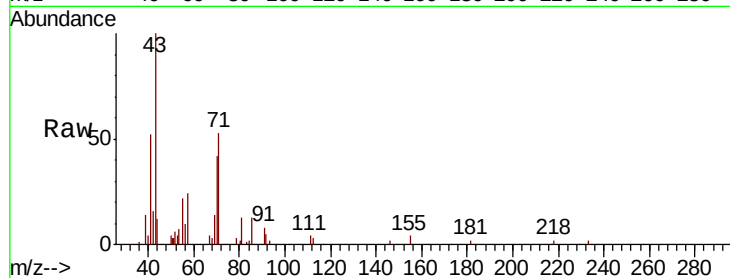




#51
 2-Hexanone
 Concen: 0.038 ppbv
 RT: 10.12 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

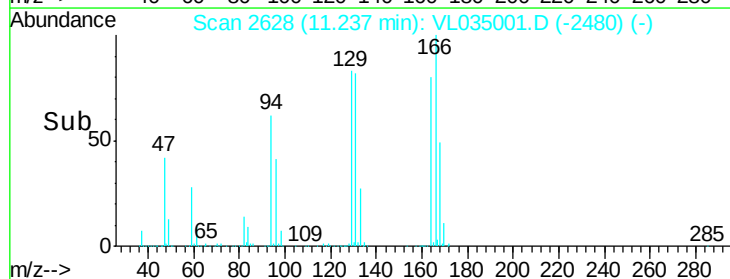
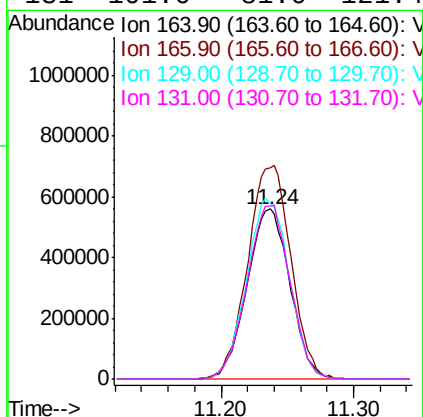
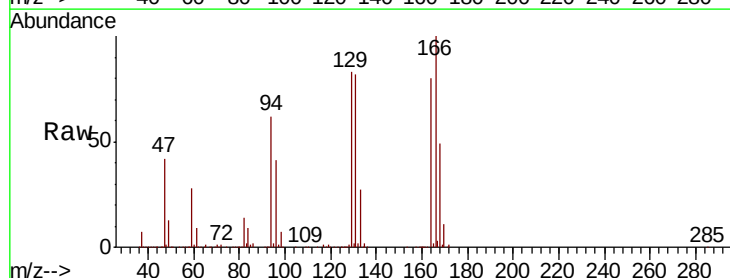
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

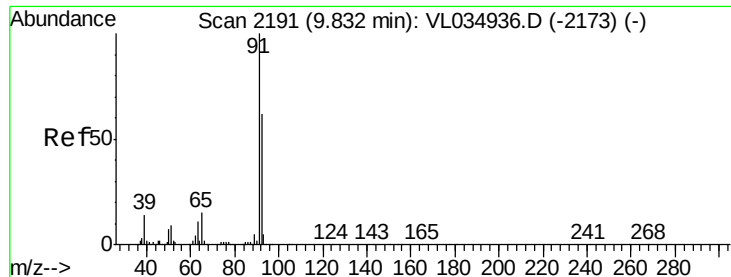
Tot Ion: 43 Resp: 6162
 Ion Ratio Lower Upper
 43 100
 58 12.5 39.1 58.7#
 98 0.0 0.3 0.5#



#52
 Tetrachloroethene
 Concen: 18.430 ppbv
 RT: 11.24 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Tgt Ion: 164 Resp: 1253253
 Ion Ratio Lower Upper
 164 100
 166 124.3 100.7 151.1
 129 102.9 83.0 124.4
 131 101.6 81.0 121.4





#53

Toluene

Concen: 15.333 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

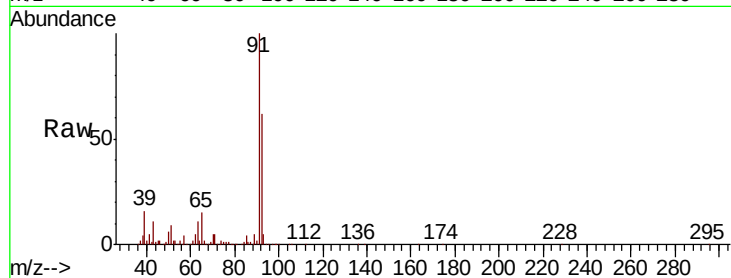
SG-6

Tot Ion: 91 Resp: 3108433

Ion Ratio Lower Upper

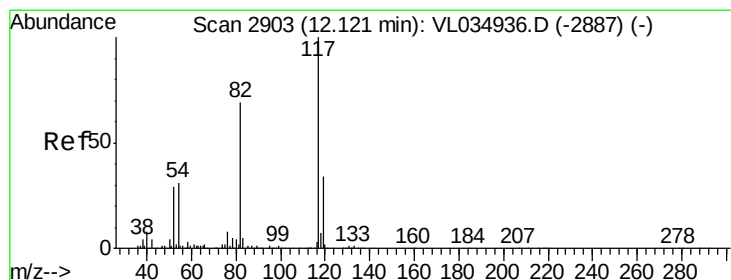
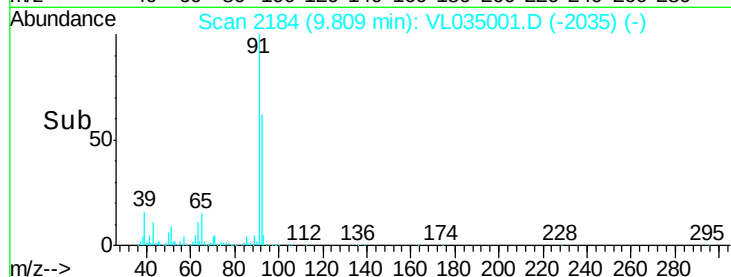
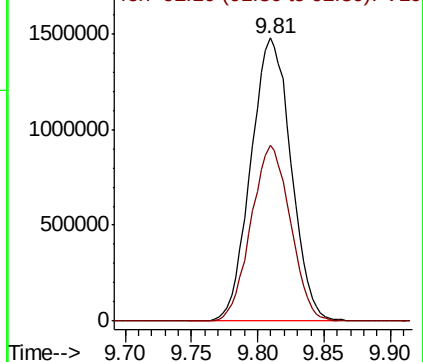
91 100

92 61.1 48.6 73.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

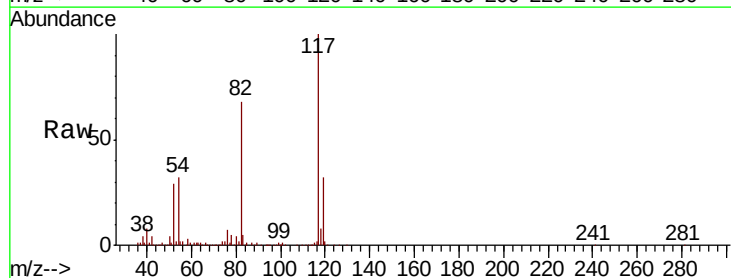
Tgt Ion: 117 Resp: 2179383

Ion Ratio Lower Upper

117 100

82 68.4 53.1 79.7

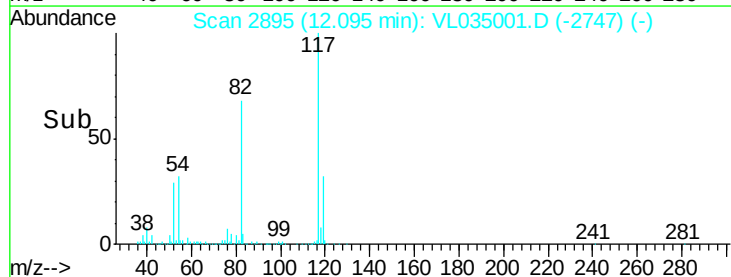
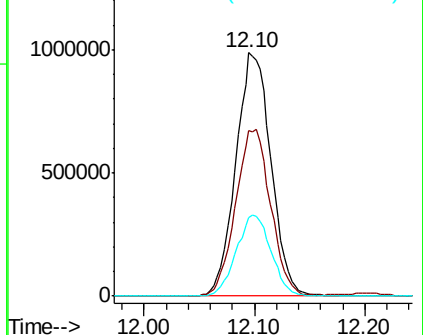
119 33.0 26.7 40.1

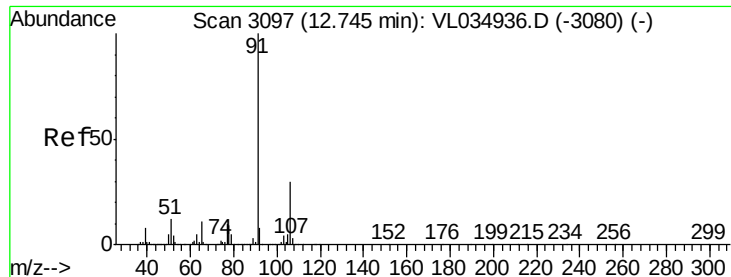


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 1.029 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampled :

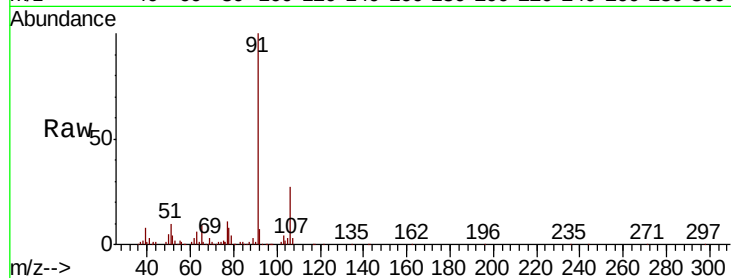
SG-6

Tot Ion: 91 Resp: 277363

Ion Ratio Lower Upper

91 100

106 26.7 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.73

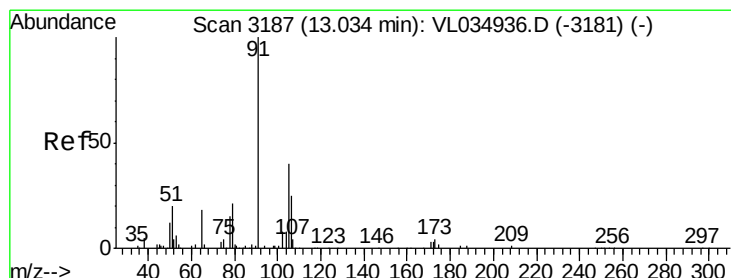
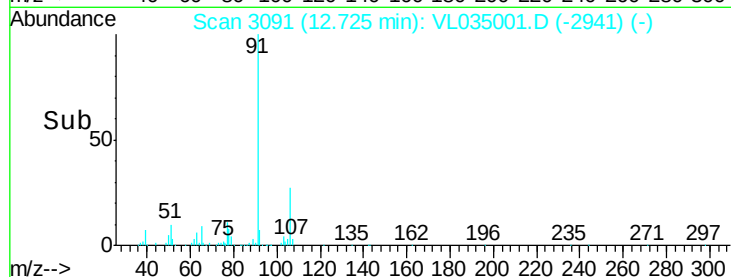
150000

100000

50000

0

Time-->



#59

m/p-Xylene

Concen: 3.173 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. -0.05 min

Lab File: VL035001.D

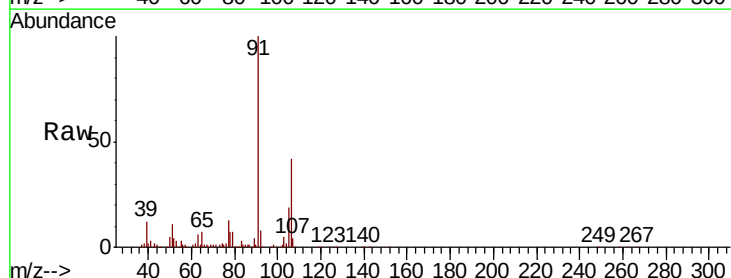
Acq: 13 May 2020 00:14

Tgt Ion: 91 Resp: 752308

Ion Ratio Lower Upper

91 100

106 44.7 66.0 99.0#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

12.98

300000

250000

200000

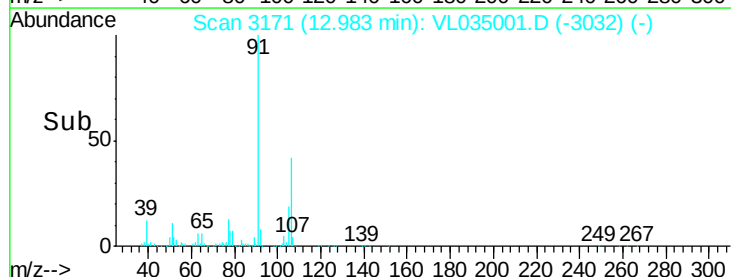
150000

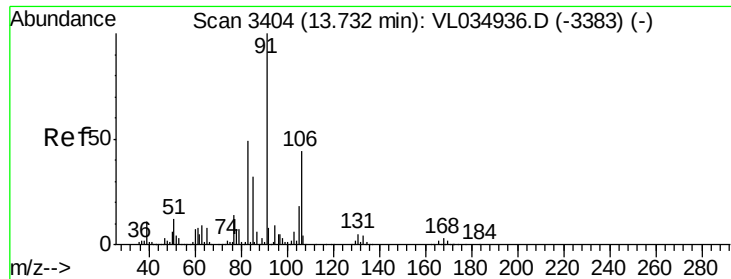
100000

50000

0

Time-->

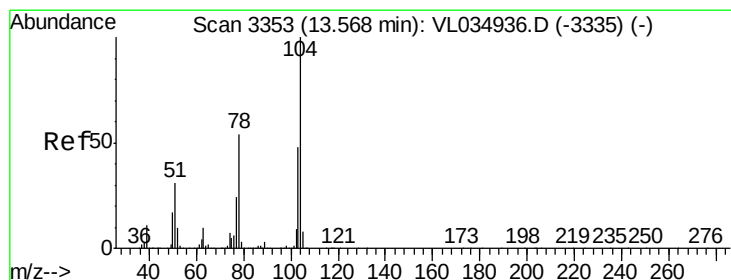
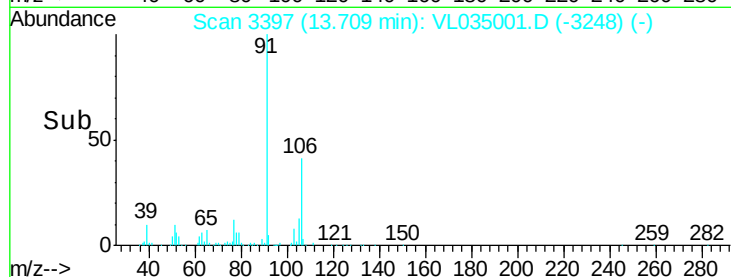
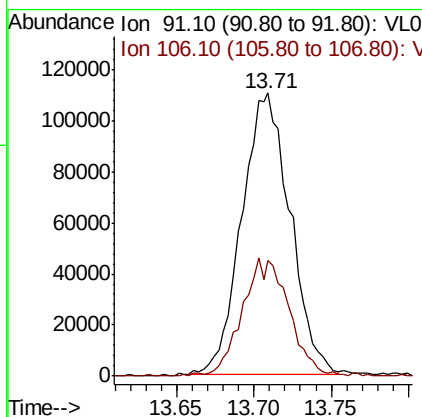
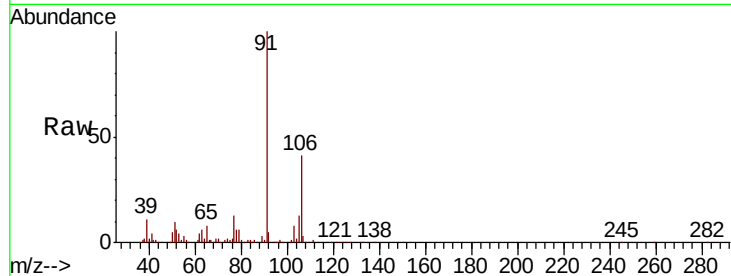




#60
o-Xylene
Concen: 1.019 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

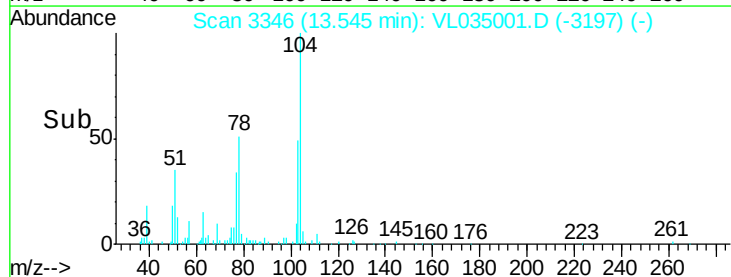
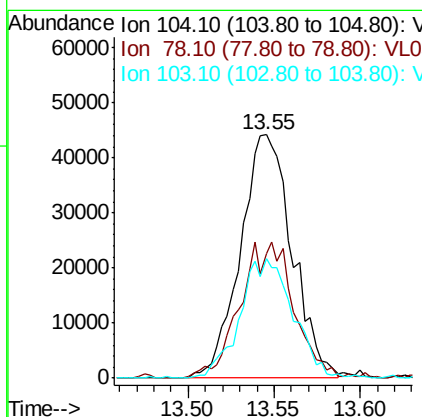
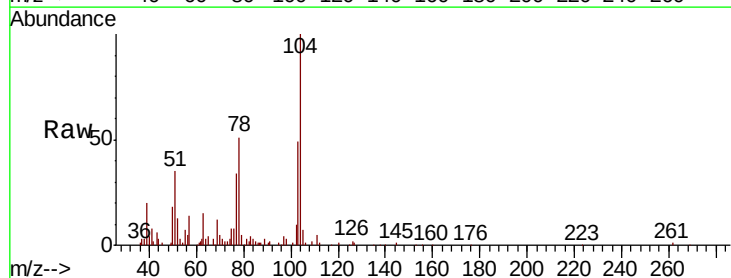
Instrument :
MSVOA_L
ClientSampleId :
SG-6

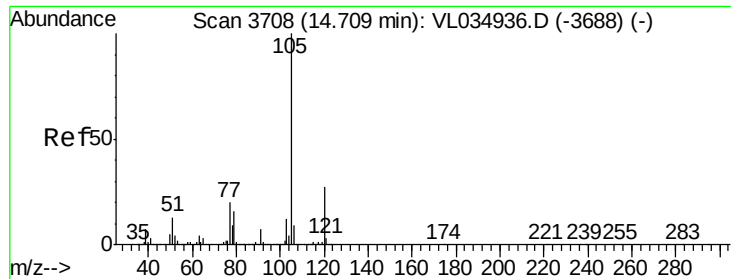
Tot Ion: 91 Resp: 238380
Ion Ratio Lower Upper
91 100
106 41.0 21.9 65.5



#61
Styrene
Concen: 0.622 ppbv
RT: 13.55 min Scan# 3346
Delta R.T. -0.02 min
Lab File: VL035001.D
Acq: 13 May 2020 00:14

Tgt Ion: 104 Resp: 92044
Ion Ratio Lower Upper
104 100
78 58.3 43.7 65.5
103 50.9 38.8 58.2





#62

Isopropylbenzene

Concen: 0.096 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. -0.03 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

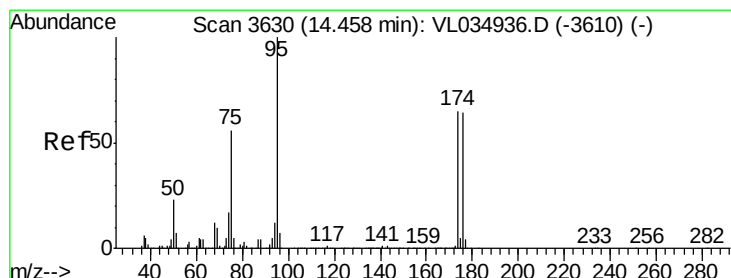
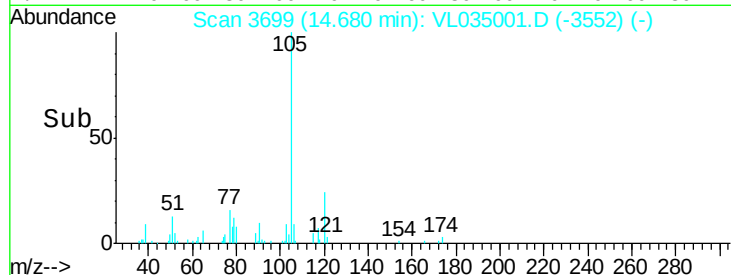
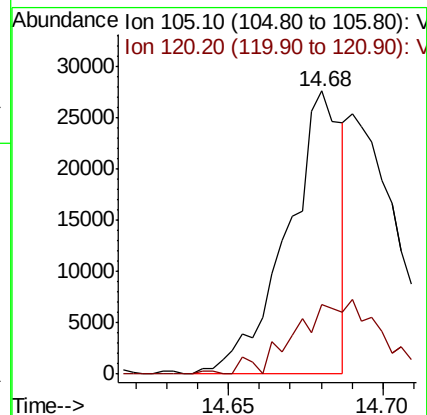
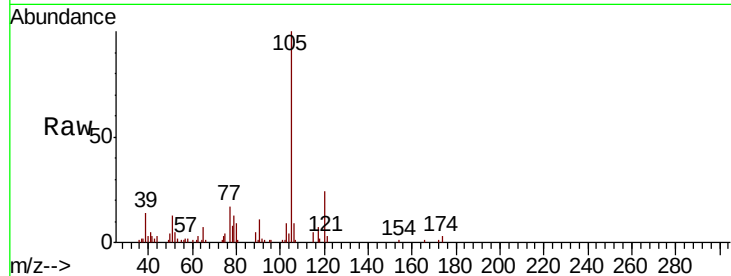
SG-6

Tot Ion:105 Resp: 33579

Ion Ratio Lower Upper

105 100

120 0.0 20.6 31.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.323 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

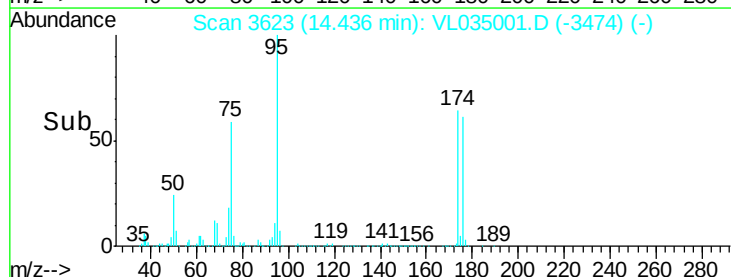
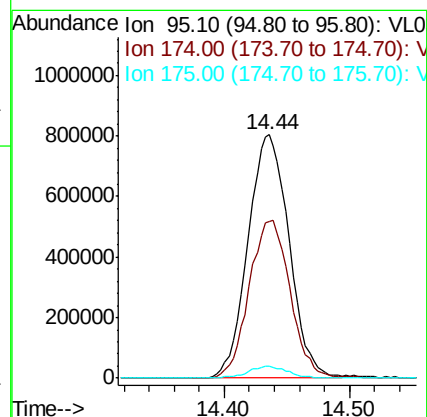
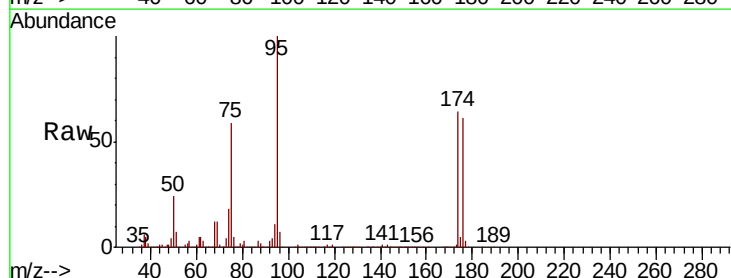
Tgt Ion: 95 Resp: 1821113

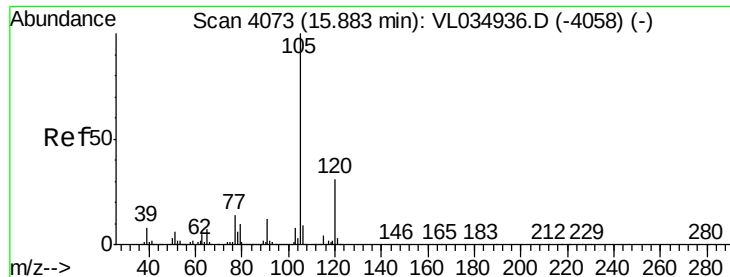
Ion Ratio Lower Upper

95 100

174 64.9 51.5 77.3

175 4.7 3.8 5.8





#72

4-Ethyltoluene

Concen: 0.088 ppbv

RT: 15.86 min Scan# 4067

Delta R.T. -0.02 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Instrument :

MSVOA_L

ClientSampleId :

SG-6

Tot Ion:105 Resp: 23063

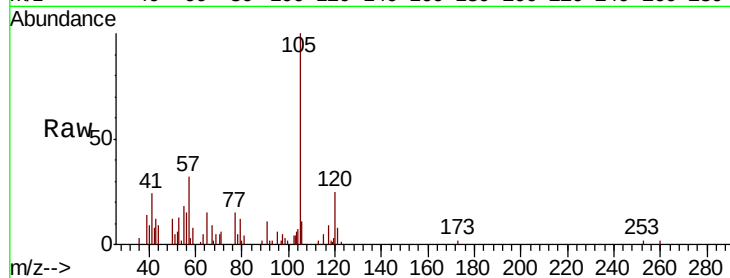
Ion Ratio Lower Upper

105 100

120 36.6 23.8 35.8#

91 25.0 10.6 15.8#

77 17.6 11.6 17.4#



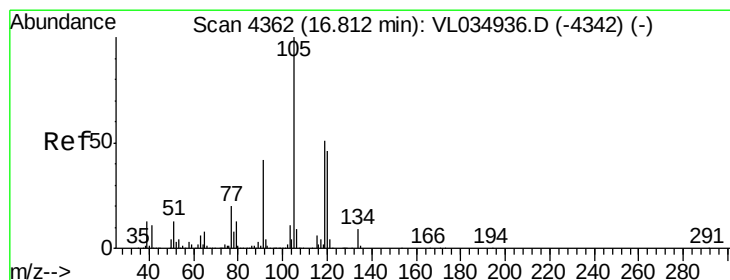
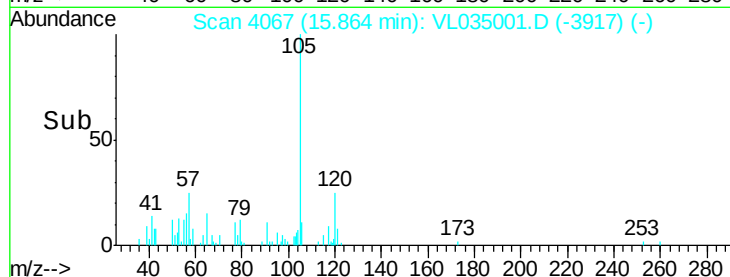
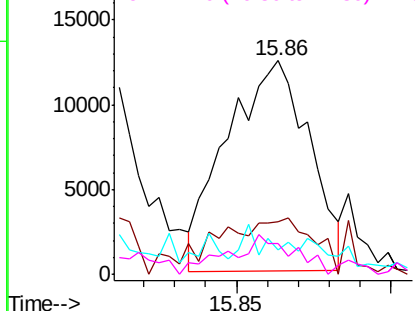
Abundance

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



#74

1,2,4-Trimethylbenzene

Concen: 0.185 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. -0.03 min

Lab File: VL035001.D

Acq: 13 May 2020 00:14

Tgt Ion:105 Resp: 51253

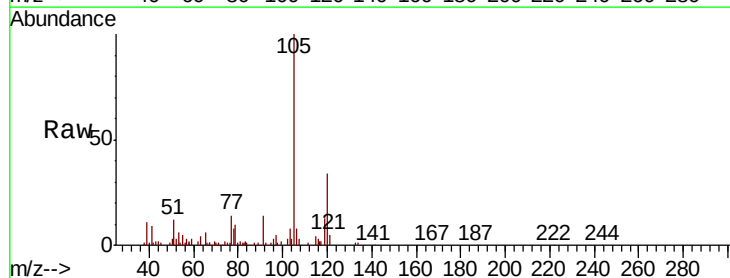
Ion Ratio Lower Upper

105 100

120 34.3 36.8 55.2#

91 12.2 35.4 53.0#

77 13.7 16.2 24.2#



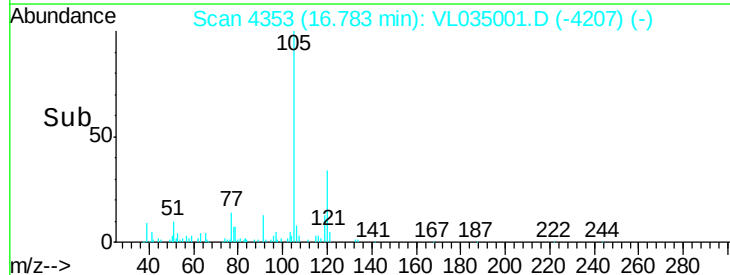
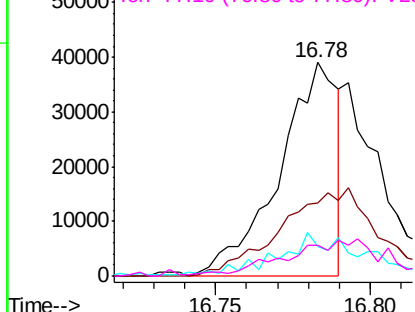
Abundance

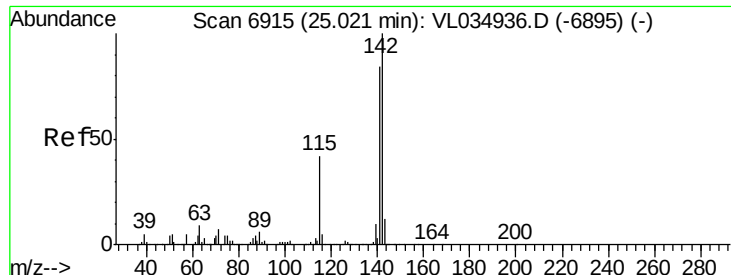
Ion 105.10 (104.80 to 105.80): V

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

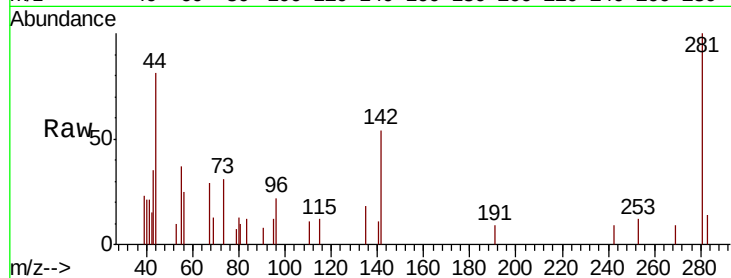




#80
 Naphthalene, 2-methyl-
 Concen: 0.027 ppbv
 RT: 25.00 min Scan# 6909
 Delta R.T. -0.02 min
 Lab File: VL035001.D
 Acq: 13 May 2020 00:14

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Tot Ion:142 Resp: 1447
 Ion Ratio Lower Upper
 142 100
 141 22.3 68.6 102.8#
 115 15.8 33.9 50.9#



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

