

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036645.D
 Acq On : 2 Apr 2021 15:07
 Operator : SY/AP
 Sample : M1797-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 02:56:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1263510	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3265102	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2942120	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2327078	9.92	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

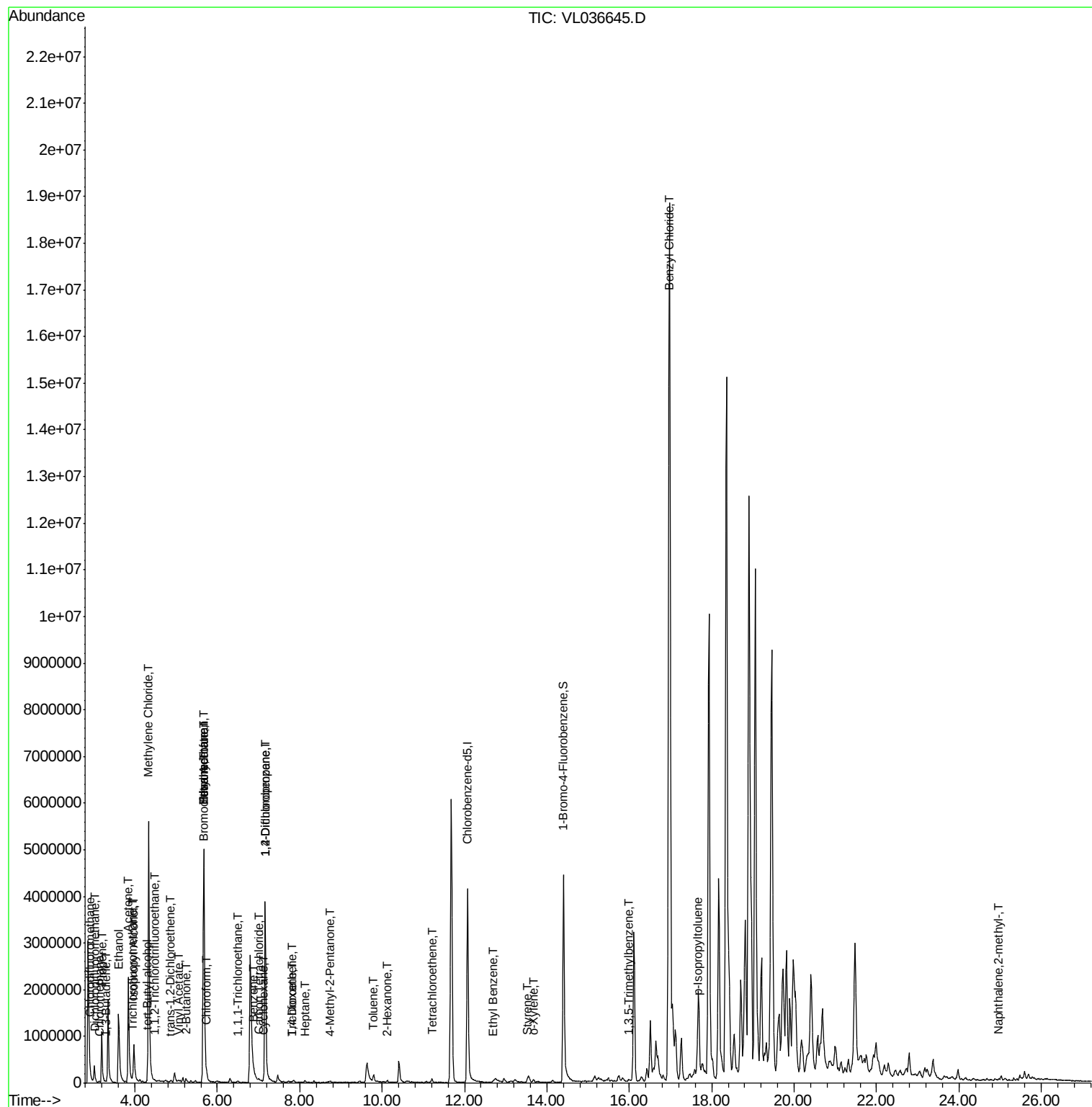
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	32185	0.156	ppbv 90
3) Chlorodifluoromethane	2.91	51	10569	0.045	ppbv 92
4) Chloromethane	3.13	50	28543	0.342	ppbv # 74
9) Propene	3.20	41	359262	4.774	ppbv 100
10) Heptane	8.11	43	6838	0.036	ppbv # 1
11) Trichlorofluoromethane	3.94	101	26298	0.125	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5286	0.039	ppbv # 11
13) Ethanol	3.60	45	2144584	239.298	ppbv 92
15) Acetone	3.84	43	3013710	24.234	ppbv 100
16) 1,3-Butadiene	3.29	39	2781	0.032	ppbv # 13
17) tert-Butyl alcohol	4.29	59	23866	0.220	ppbv # 29
19) Isopropyl Alcohol	3.97	45	1151037	16.826	ppbv # 1
20) Methylene Chloride	4.33	84	2242165	38.508	ppbv 96
22) trans-1,2-Dichloroethene	4.88	96	5508	0.099	ppbv # 81
23) Vinyl Acetate	5.06	43	10831	0.051	ppbv # 61
25) Ethyl Acetate	5.67	43	1389937	4.701	ppbv # 77
26) Hexane	5.67	57	1934703	14.101	ppbv # 46
29) Chloroform	5.74	83	31086	0.142	ppbv 98
30) Cyclohexane	7.11	84	2374	0.021	ppbv # 1
32) 1,1,1-Trichloroethane	6.50	97	5385	0.024	ppbv # 1
34) 2-Butanone	5.24	43	90833	0.570	ppbv # 85
35) Carbon Tetrachloride	7.00	117	5138	0.020	ppbv # 35
36) Benzene	6.89	78	9273	0.031	ppbv # 90
38) Trichloroethene	7.82	130	3030	0.026	ppbv # 69
39) 1,2-Dichloropropane	7.16	63	865788	7.088	ppbv # 23
40) 1,4-Dioxane	7.83	88	1458	0.051	ppbv # 1
41) Tetrahydrofuran	5.67	42	717055	9.758	ppbv # 55
50) 4-Methyl-2-Pentanone	8.73	43	8504	0.037	ppbv # 40
51) 2-Hexanone	10.12	43	9158	0.079	ppbv # 30
52) Tetrachloroethene	11.21	164	12956	0.117	ppbv 84
53) Toluene	9.80	91	108329	0.338	ppbv 100
58) Ethyl Benzene	12.70	91	9720	0.023	ppbv 99
60) o-Xylene	13.67	91	17770	0.049	ppbv # 33
61) Styrene	13.52	104	8082	0.045	ppbv # 26
66) Benzyl Chloride	16.97	91	1829	0.039	ppbv # 66
69) p-Isopropyltoluene	17.64	119	65109	0.140	ppbv # 89
73) 1,3,5-Trimethylbenzene	15.99	105	17534	0.047	ppbv 97
80) Naphthalene,2-methyl-	24.96	142	11050	0.243	ppbv # 88

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

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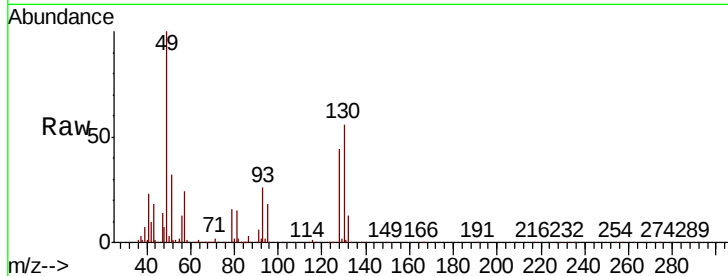


#1

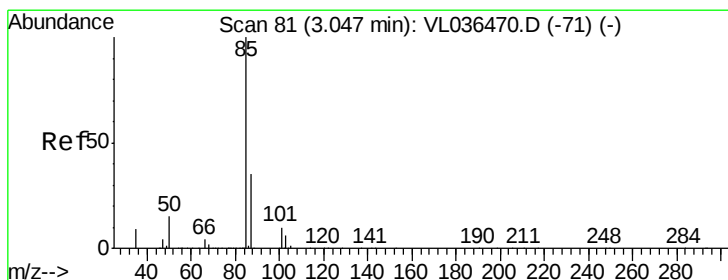
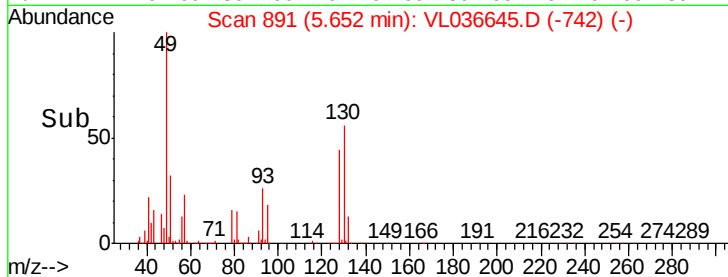
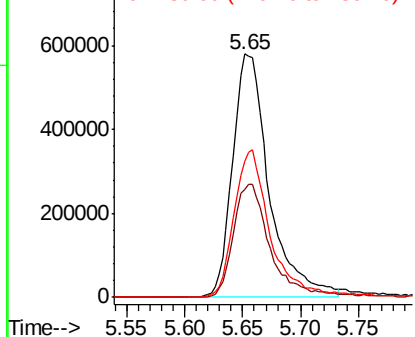
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 49 Resp: 1263510
 Ion Ratio Lower Upper
 49 100
 128 47.6 23.5 70.6
 130 61.5 29.1 87.4



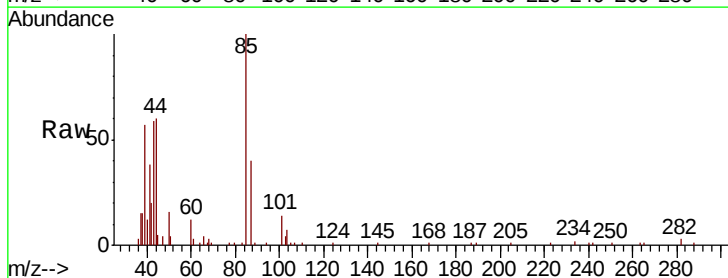
Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V



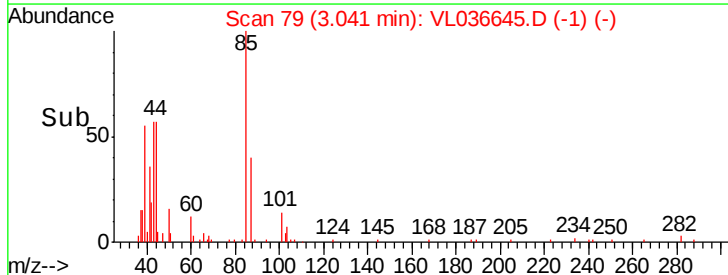
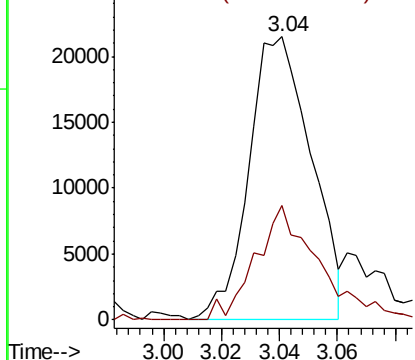
#2

Dichlorodifluoromethane
 Concen: 0.156 ppbv
 RT: 3.04 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Tgt Ion: 85 Resp: 32185
 Ion Ratio Lower Upper
 85 100
 87 40.4 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0
 Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.045 ppbv

RT: 2.91 min Scan# 39

Delta R.T. -0.07 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

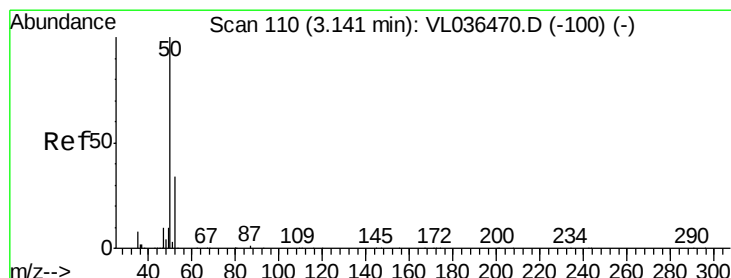
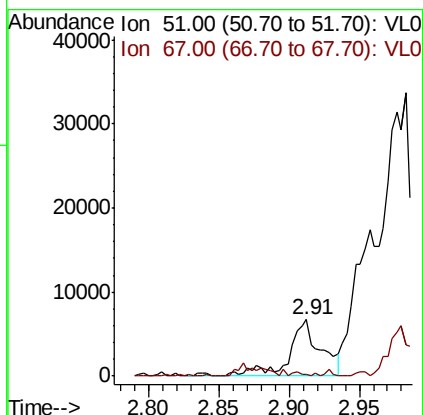
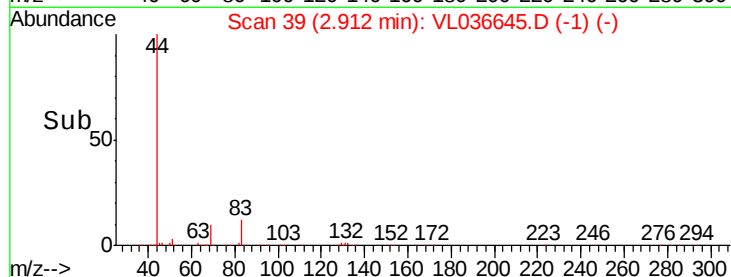
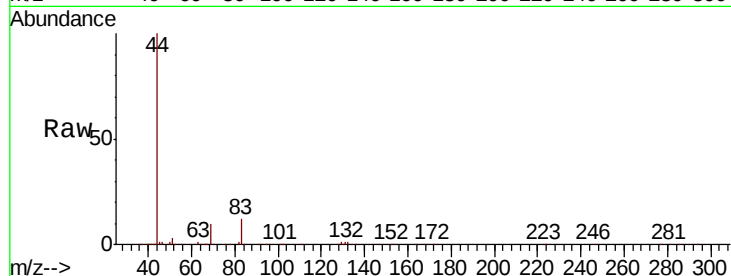
ClientSampleId :

Tot Ion: 51 Resp: 10569

Ion Ratio Lower Upper

51 100

67 22.0 14.7 22.1



#4

Chloromethane

Concen: 0.342 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036645.D

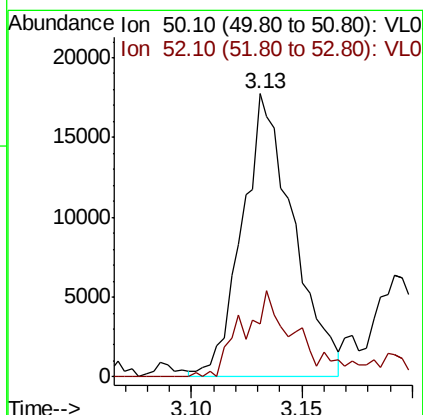
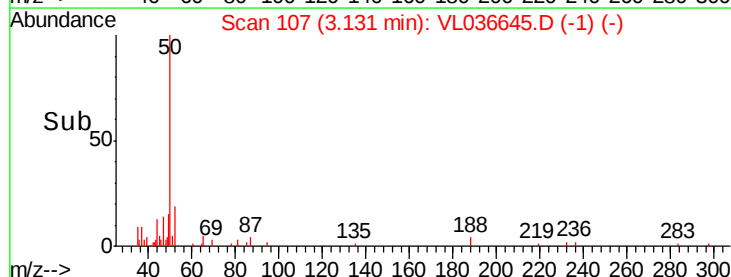
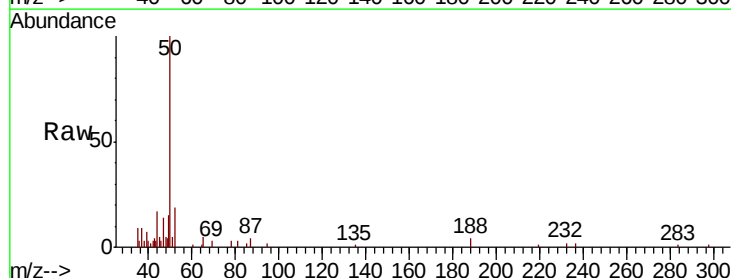
Acq: 2 Apr 2021 15:07

Tgt Ion: 50 Resp: 28543

Ion Ratio Lower Upper

50 100

52 18.9 27.0 40.6#





#9

Propene

Concen: 4.774 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.19 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

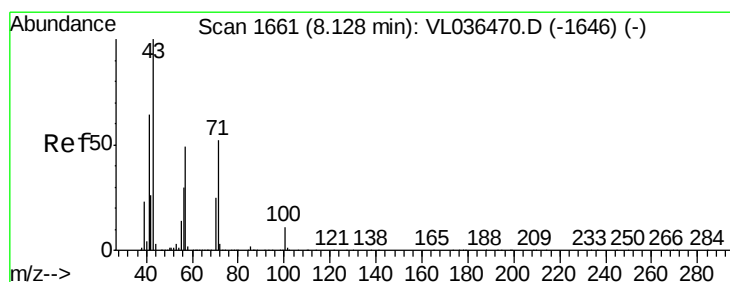
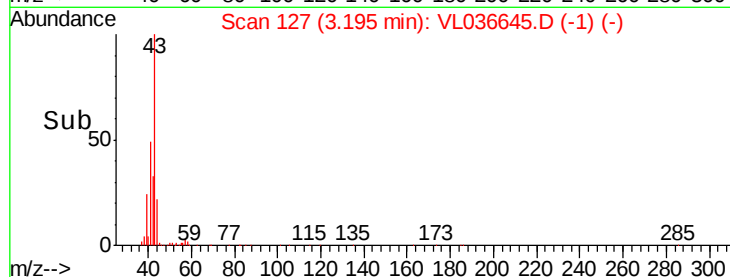
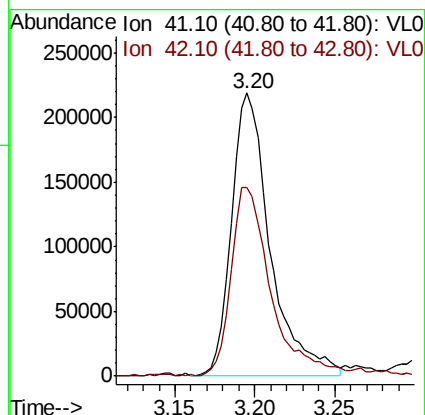
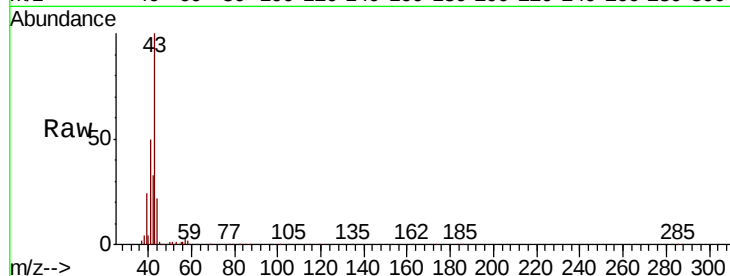
ClientSampleId :

Tot Ion: 41 Resp: 359262

Ion Ratio Lower Upper

41 100

42 71.1 57.0 85.4



#10

Heptane

Concen: 0.036 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VL036645.D

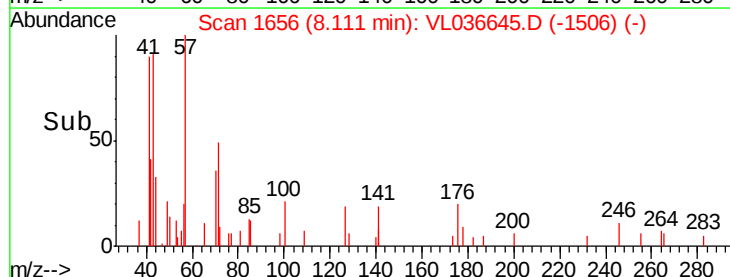
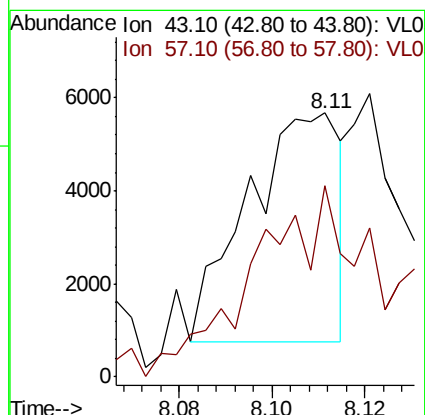
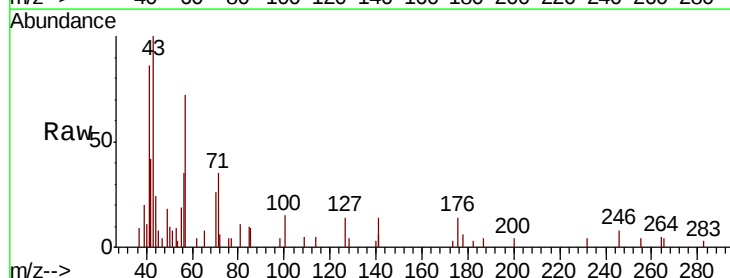
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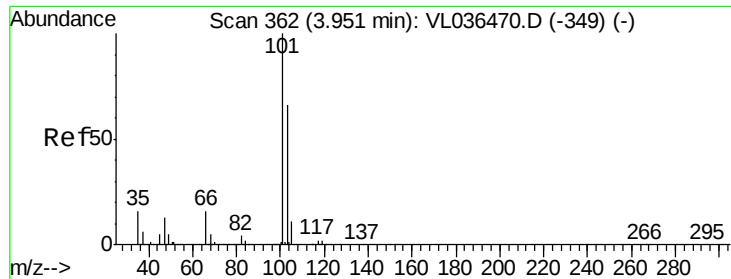
Tgt Ion: 43 Resp: 6838

Ion Ratio Lower Upper

43 100

57 127.7 39.0 58.6#

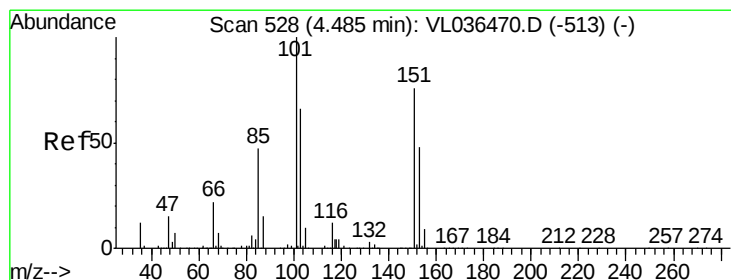
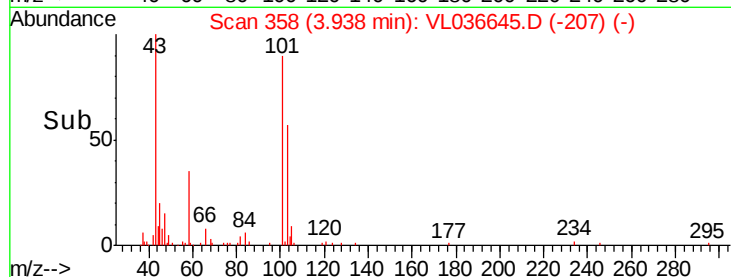
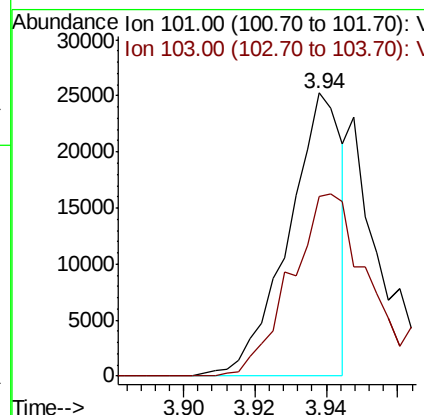
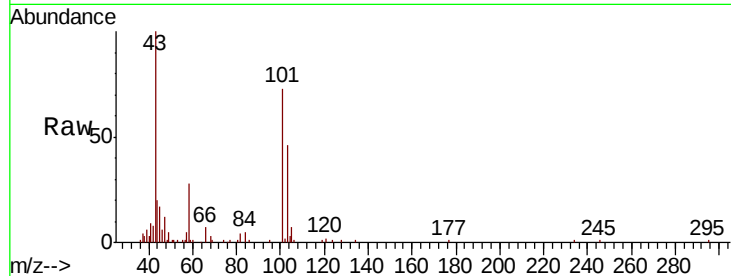




#11
 Trichlorofluoromethane
 Concen: 0.125 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. -0.01 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

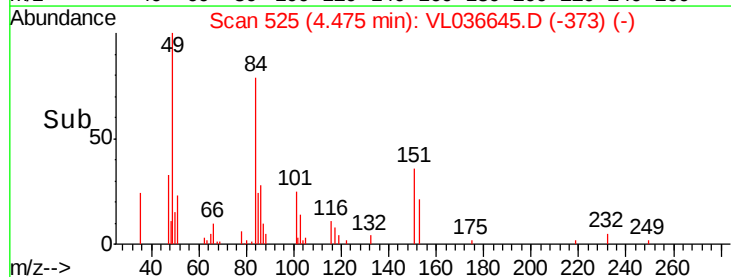
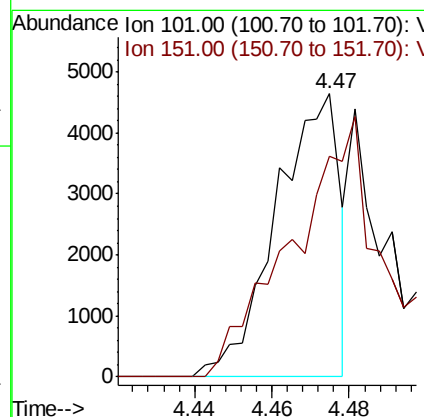
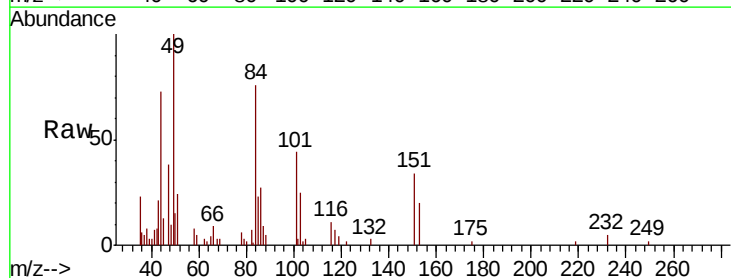
Instrument :
 MSVOA_L
 ClientSampleId :

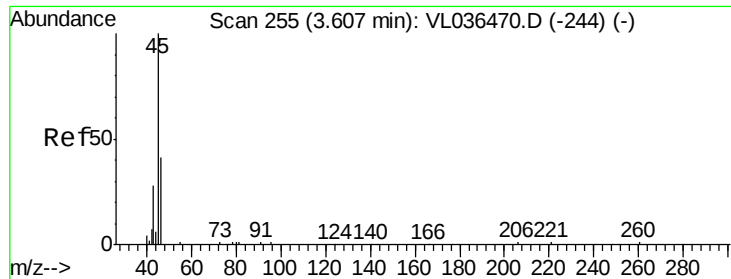
Tot Ion:101 Resp: 26298
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.039 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Tgt Ion:101 Resp: 5286
 Ion Ratio Lower Upper
 101 100
 151 0.0 60.9 91.3#

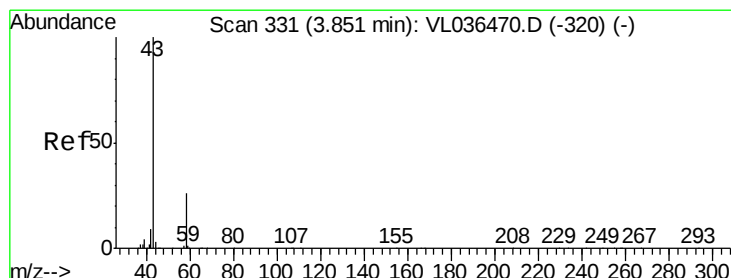
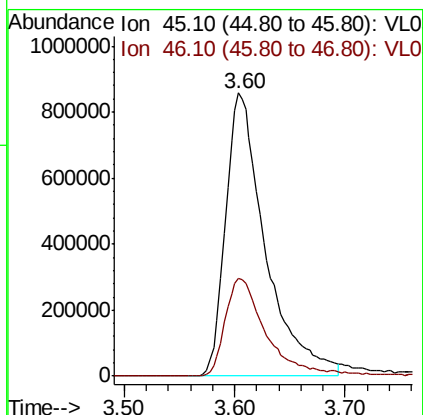
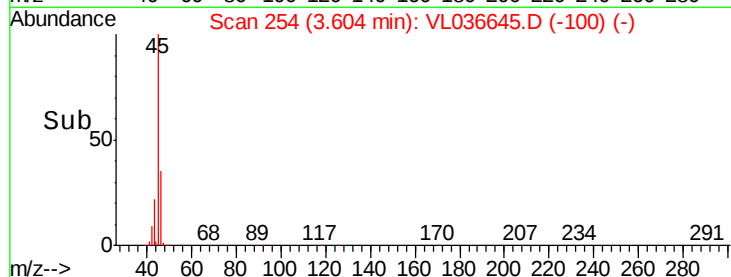
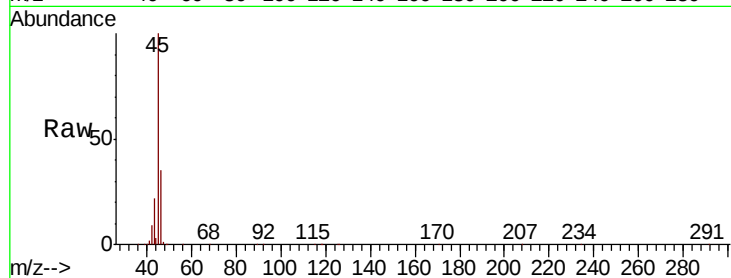




#13
Ethanol
Concen: 239.298 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

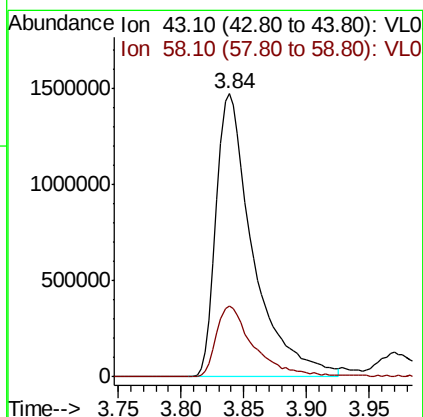
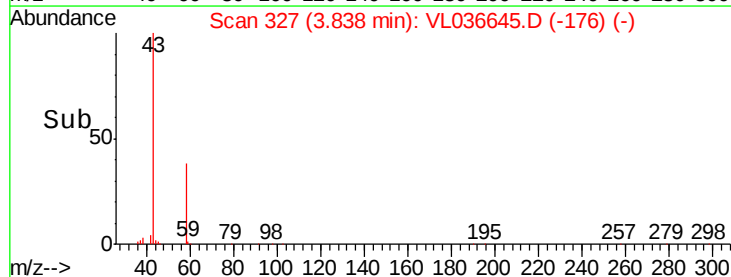
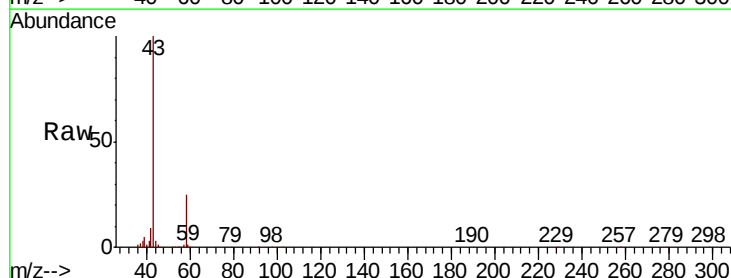
Instrument :
MSVOA_L
ClientSampleId :

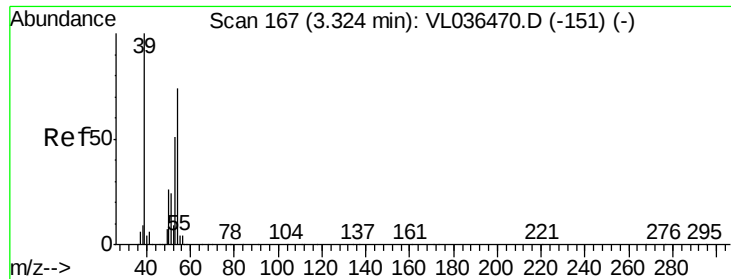
Tot Ion: 45 Resp: 2144584
Ion Ratio Lower Upper
45 100
46 36.1 16.6 66.2



#15
Acetone
Concen: 24.234 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 43 Resp: 3013710
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8

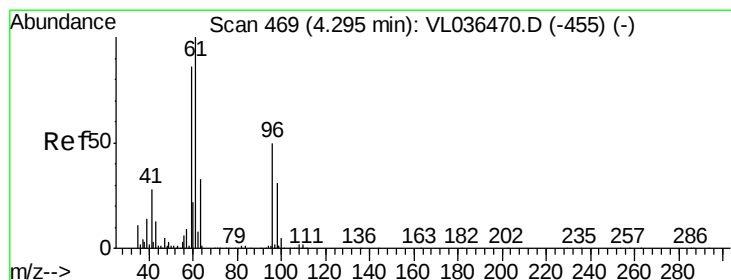
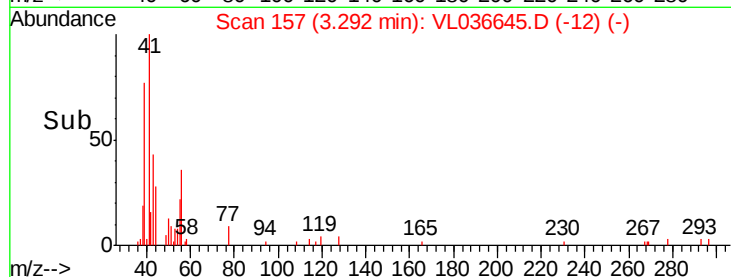
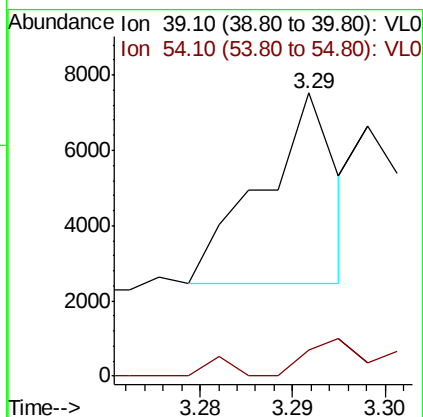
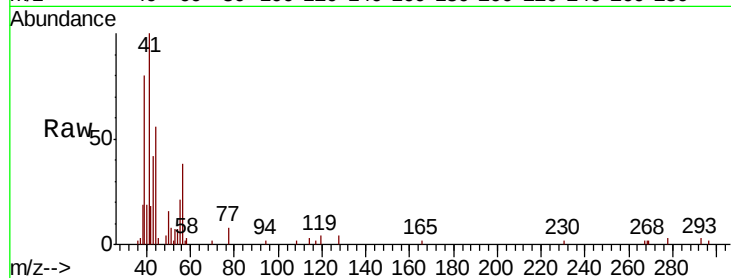




#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.03 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

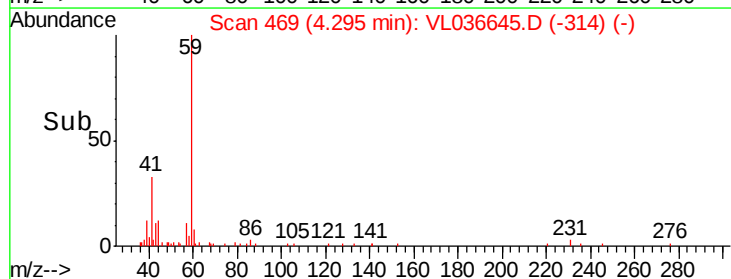
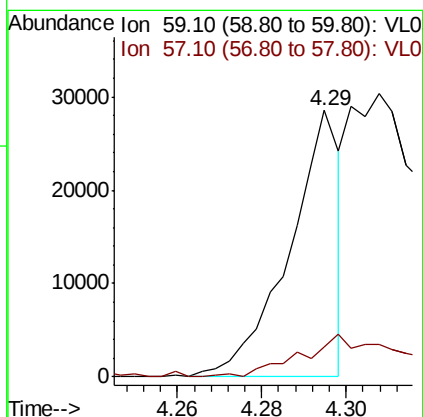
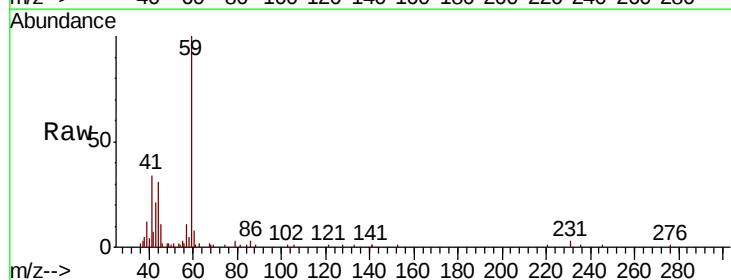
Instrument :
MSVOA_L
ClientSampled :

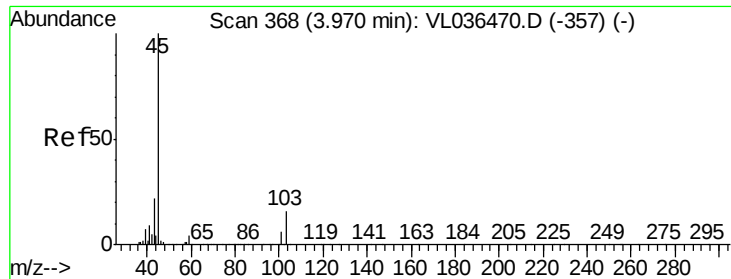
Tot Ion: 39 Resp: 2781
Ion Ratio Lower Upper
39 100
54 0.0 58.8 88.2#



#17
tert-Butyl alcohol
Concen: 0.220 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 59 Resp: 23866
Ion Ratio Lower Upper
59 100
57 37.3 8.6 12.8#



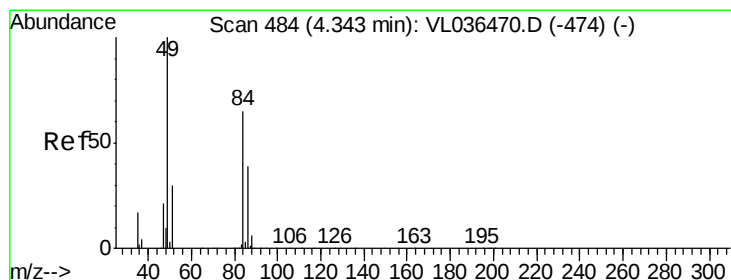
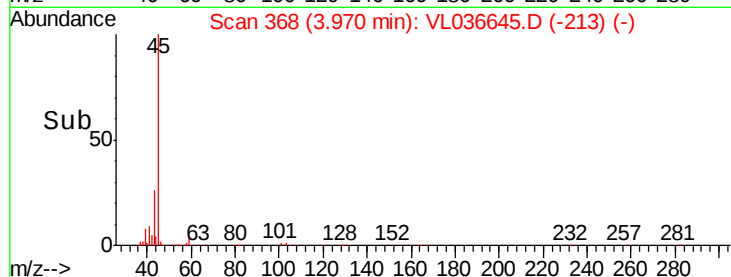
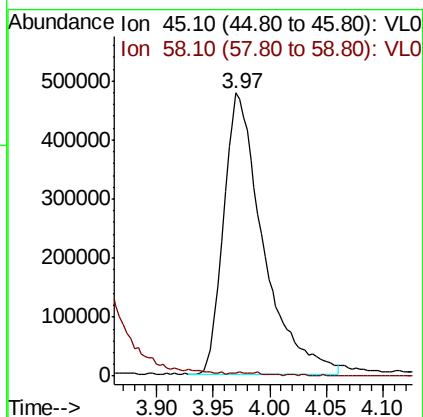
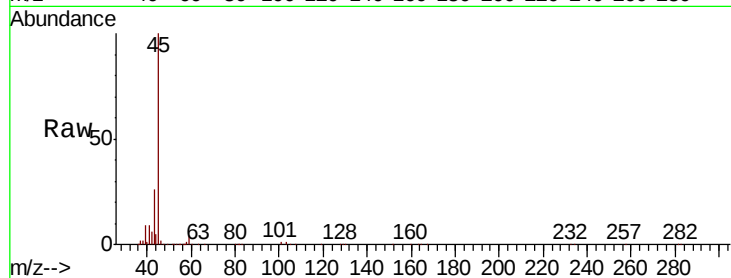


#19

Isopropyl Alcohol
 Concen: 16.826 ppbv
 RT: 3.97 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Instrument :
 MSVOA_L
 ClientSampled :

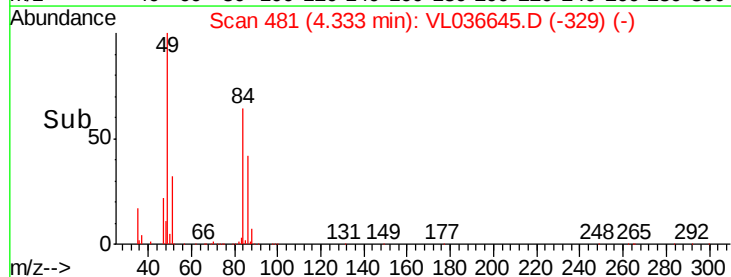
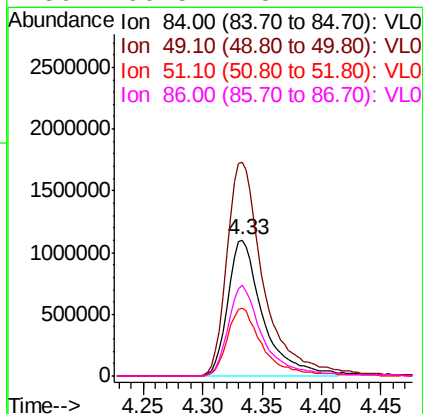
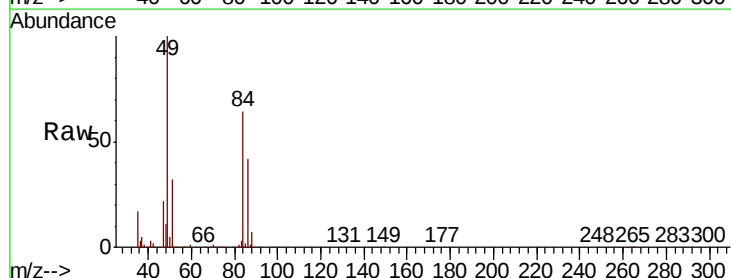
Tot Ion: 45 Resp: 1151037
 Ion Ratio Lower Upper
 45 100
 58 68.0 2.9 4.3#

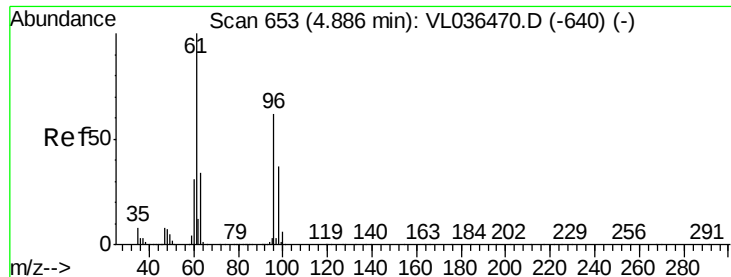


#20

Methylene Chloride
 Concen: 38.508 ppbv
 RT: 4.33 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Tgt Ion: 84 Resp: 2242165
 Ion Ratio Lower Upper
 84 100
 49 156.7 122.9 184.3
 51 49.9 36.9 55.3
 86 66.5 48.2 72.4





#22

trans-1,2-Dichloroethene

Concen: 0.099 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

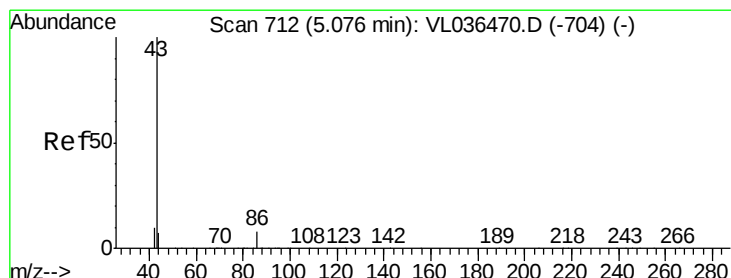
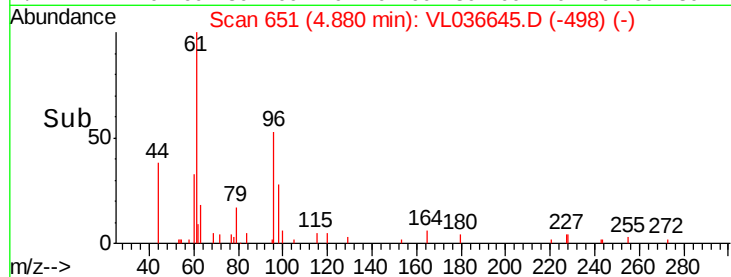
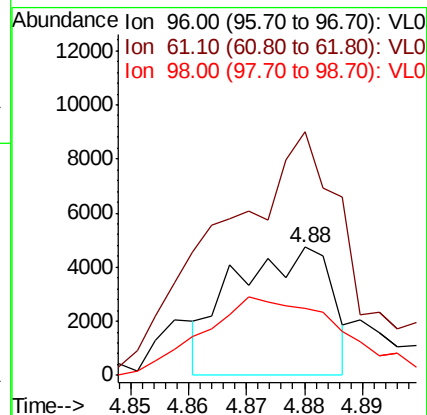
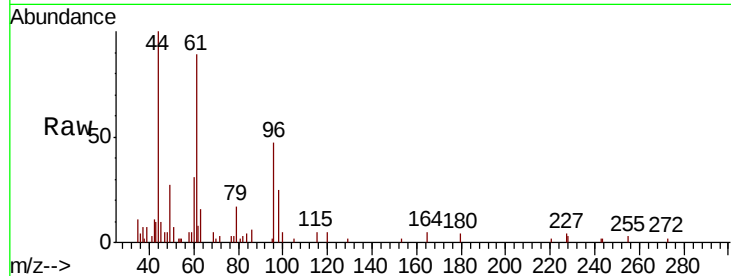
Tot Ion: 96 Resp: 5508

Ion Ratio Lower Upper

96 100

61 142.6 129.4 194.0

98 36.2 48.2 72.4#



#23

Vinyl Acetate

Concen: 0.051 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Tgt Ion: 43 Resp: 10831

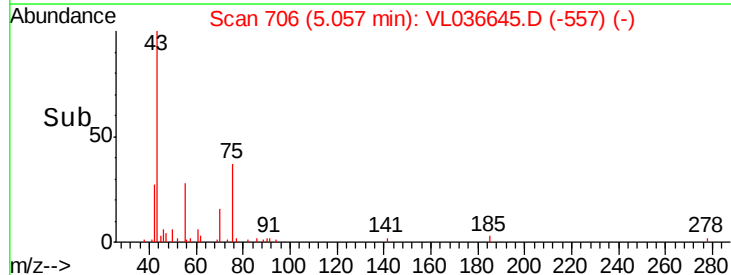
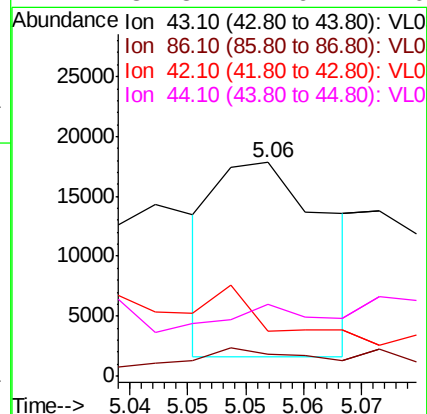
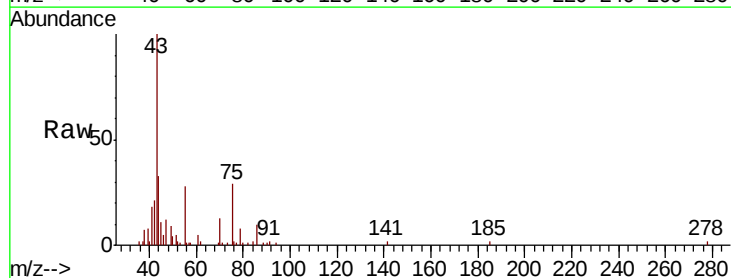
Ion Ratio Lower Upper

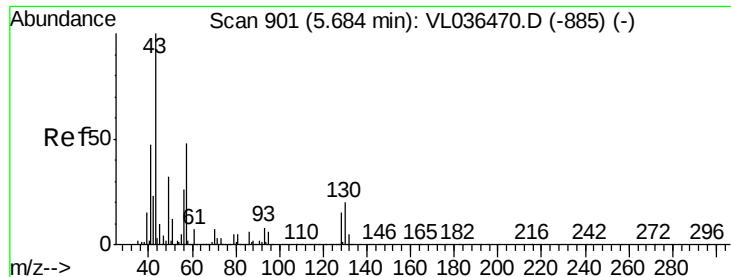
43 100

86 11.5 5.4 8.0#

42 0.0 8.5 12.7#

44 34.8 4.6 7.0#

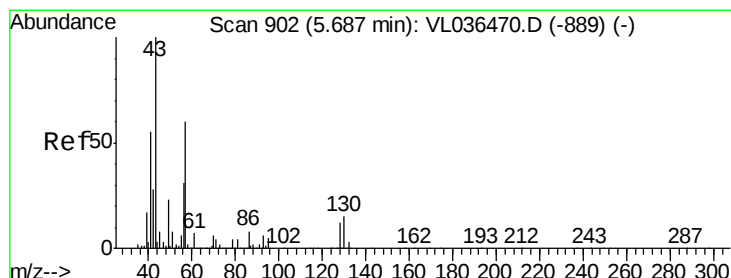
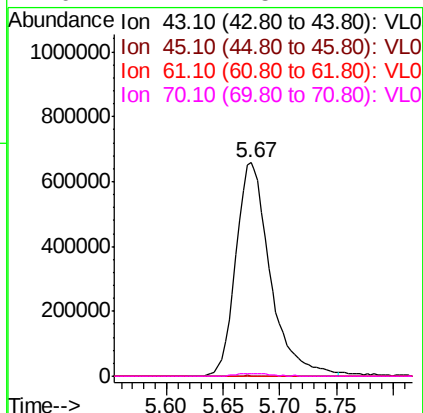
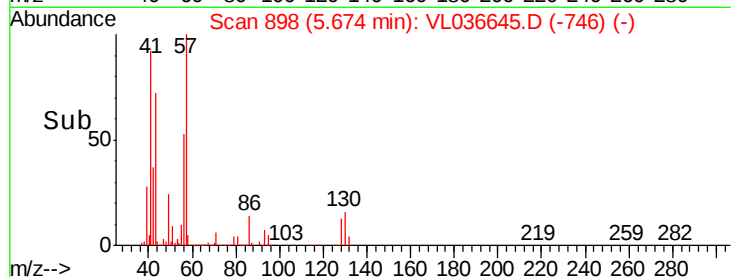
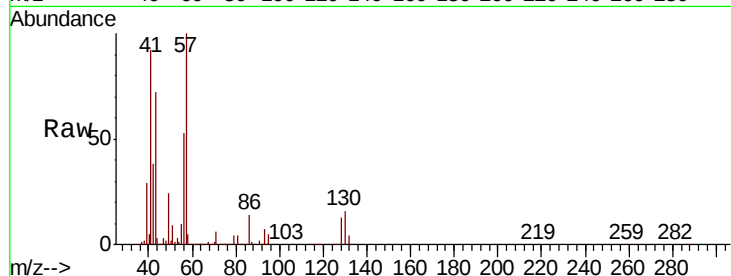




#25
Ethyl Acetate
Concen: 4.701 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

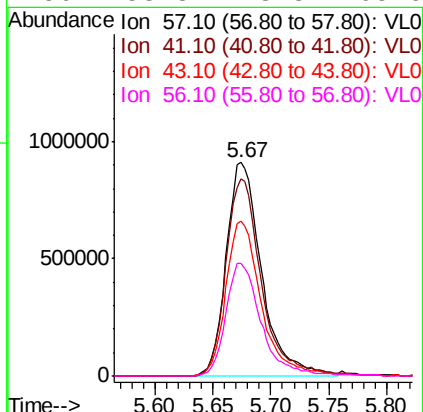
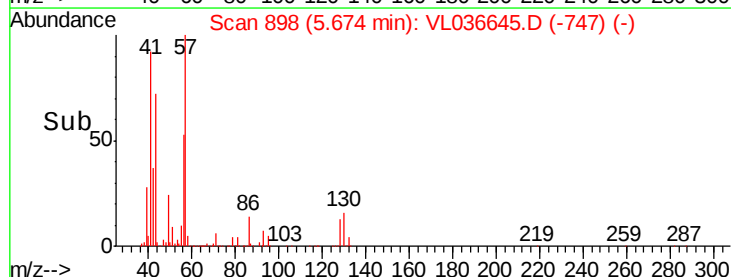
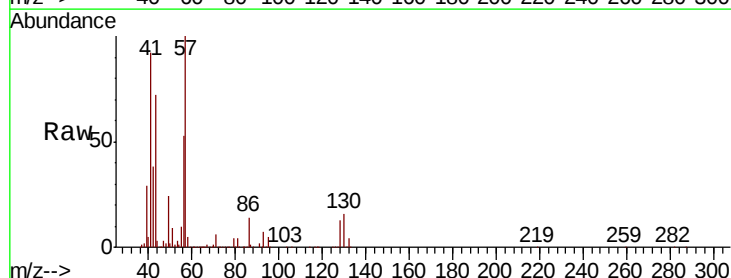
Instrument :
MSVOA_L
ClientSampled :

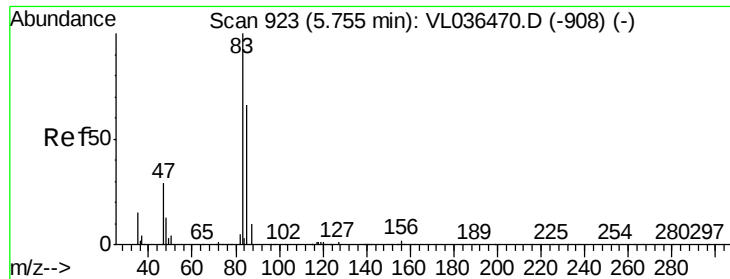
Tot Ion: 43 Resp: 1389937
Ion Ratio Lower Upper
43 100
45 0.4 7.9 11.9#
61 0.2 7.4 11.2#
70 1.4 5.1 7.7#



#26
Hexane
Concen: 14.101 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 57 Resp: 1934703
Ion Ratio Lower Upper
57 100
41 93.2 77.2 115.8
43 73.1 173.8 260.6#
56 53.3 43.8 65.6

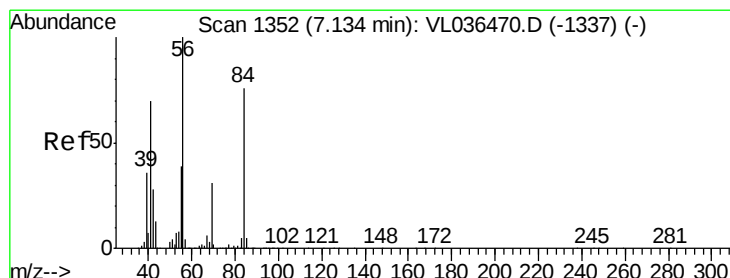
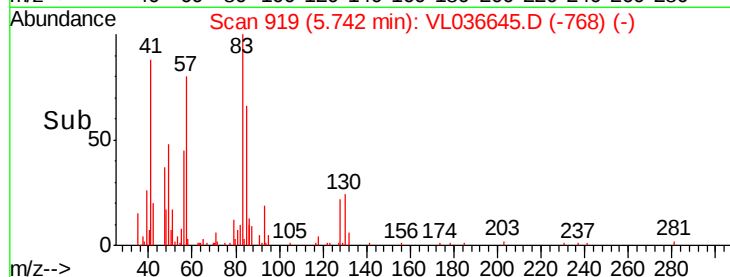
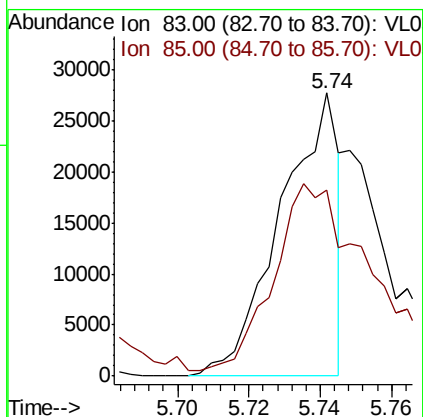
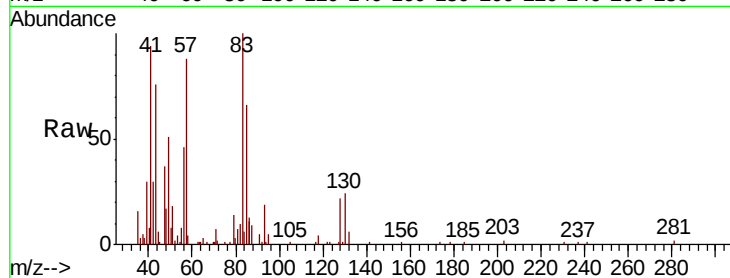




#29
Chloroform
Concen: 0.142 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

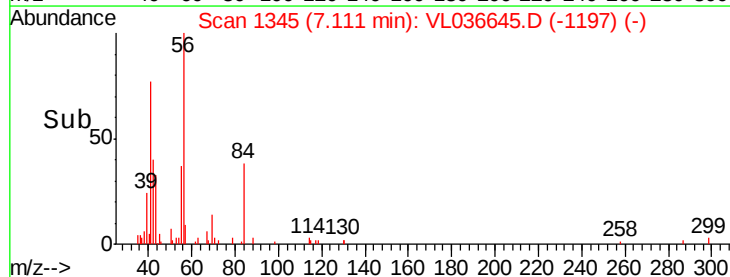
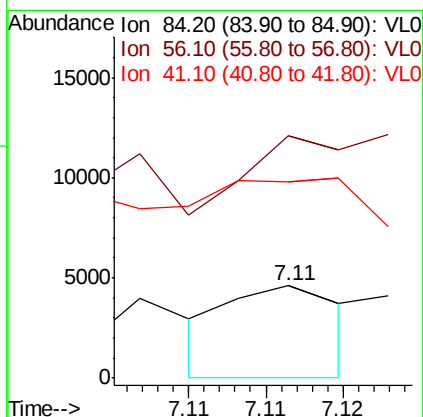
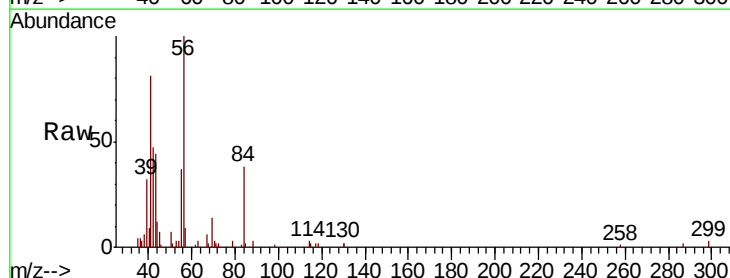
Instrument :
MSVOA_L
ClientSampleId :

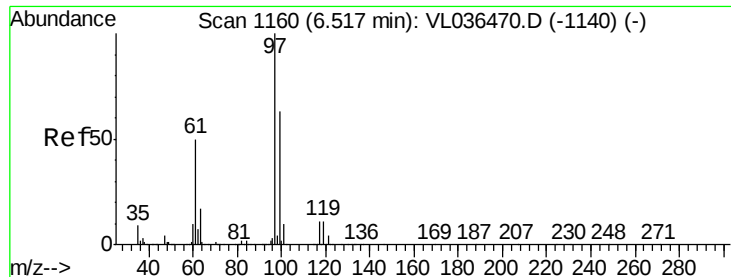
Tot Ion: 83 Resp: 31086
Ion Ratio Lower Upper
83 100
85 64.1 52.6 78.8



#30
Cyclohexane
Concen: 0.021 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 84 Resp: 2374
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#





#32

1,1,1-Trichloroethane

Concen: 0.024 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

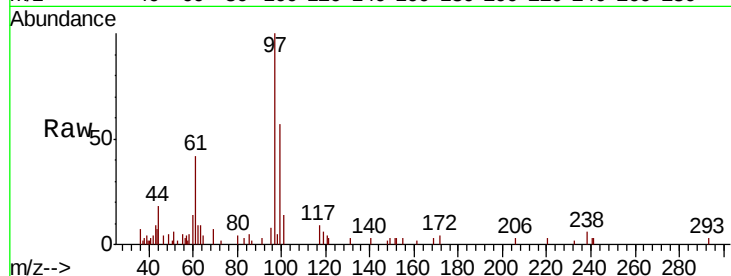
Tot Ion: 97 Resp: 5385

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

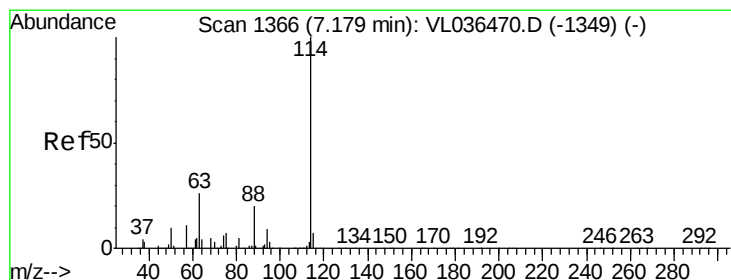
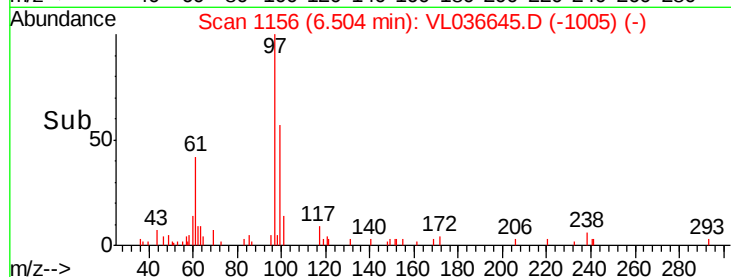
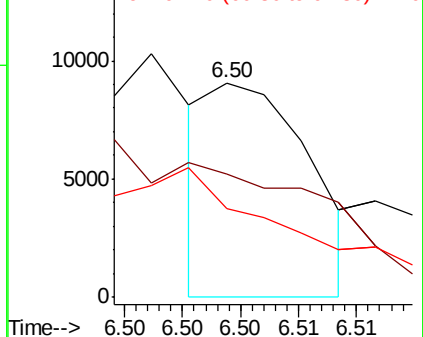
61 196.5 40.6 60.8#



Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

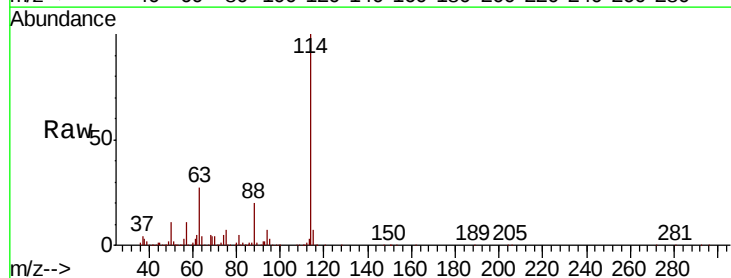
Tgt Ion: 114 Resp: 3265102

Ion Ratio Lower Upper

114 100

63 27.0 22.4 33.6

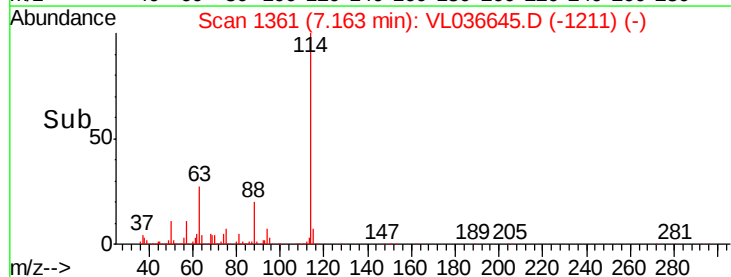
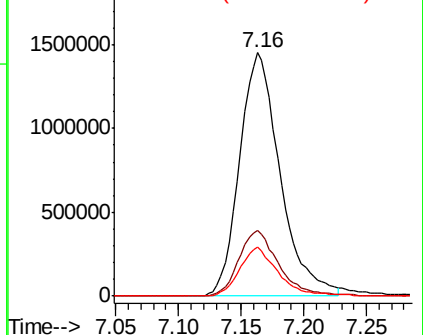
88 19.3 15.4 23.0

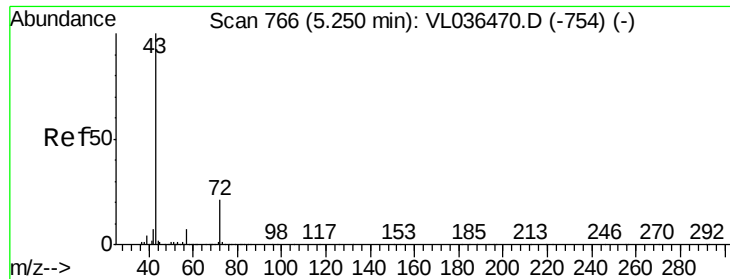


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

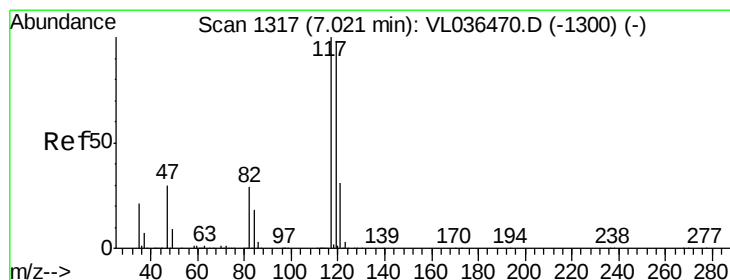
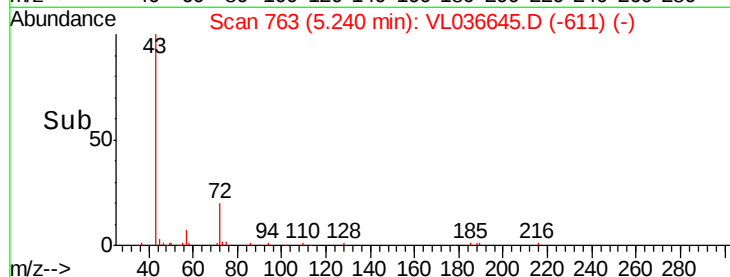
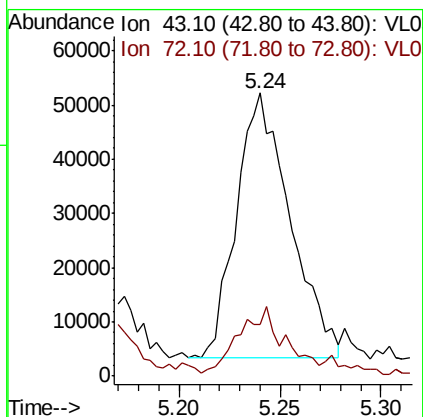
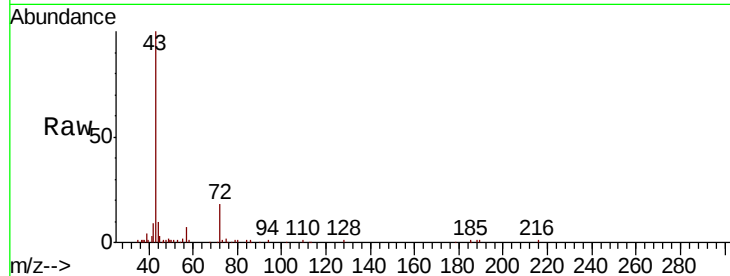




#34
2-Butanone
Concen: 0.570 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

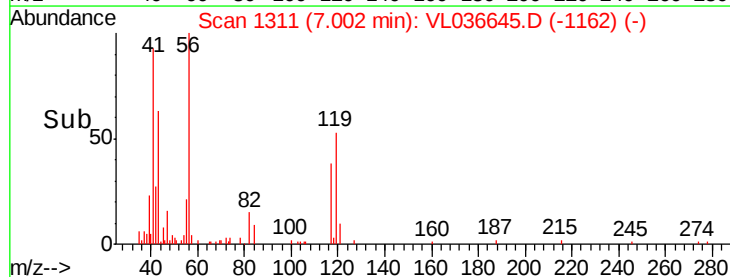
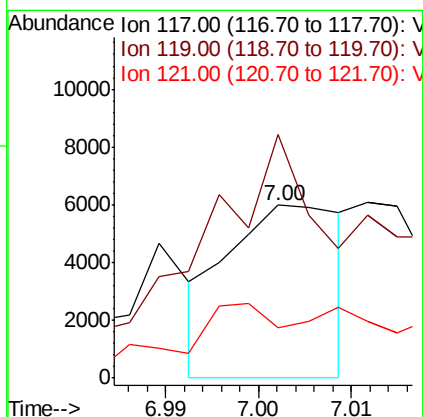
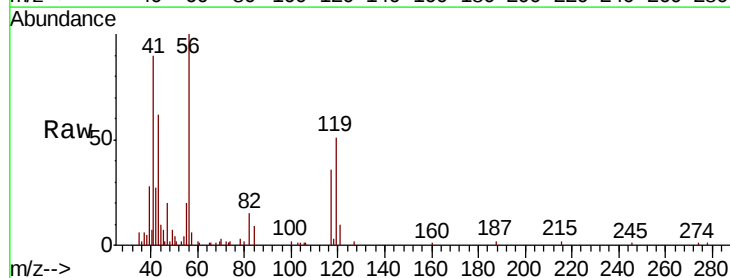
Instrument :
MSVOA_L
ClientSampleId :

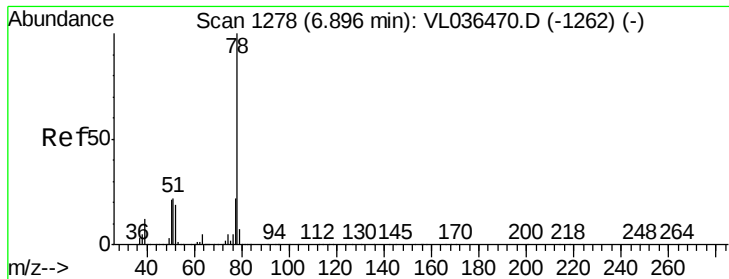
Tot Ion: 43 Resp: 90833
Ion Ratio Lower Upper
43 100
72 28.5 17.0 25.6#



#35
Carbon Tetrachloride
Concen: 0.020 ppbv
RT: 7.00 min Scan# 1311
Delta R.T. -0.02 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 117 Resp: 5138
Ion Ratio Lower Upper
117 100
119 179.8 78.2 117.2#
121 33.2 24.5 36.7





#36

Benzene

Concen: 0.031 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

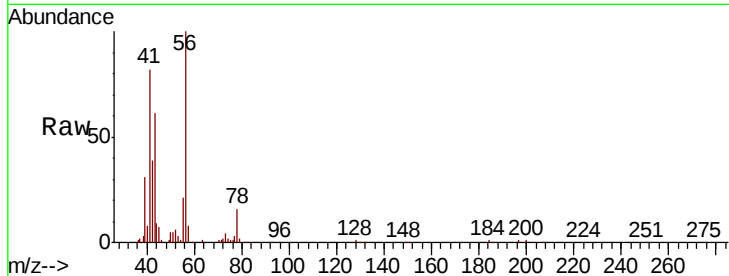
Tot Ion: 78 Resp: 9273

Ion Ratio Lower Upper

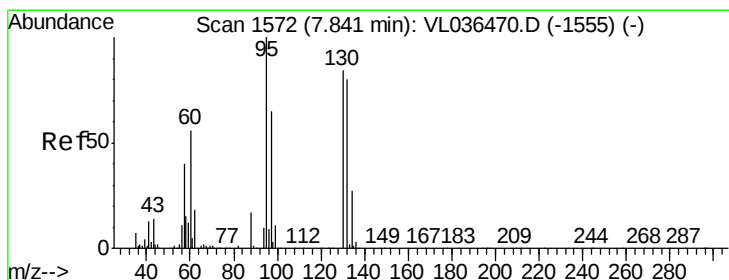
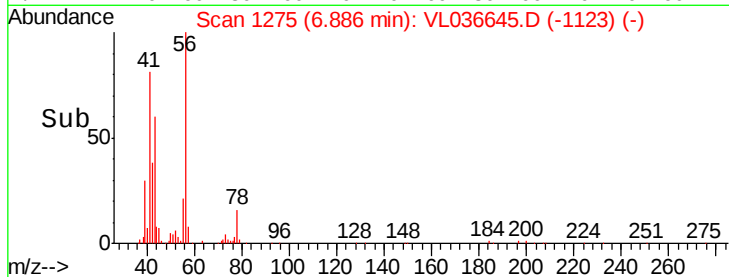
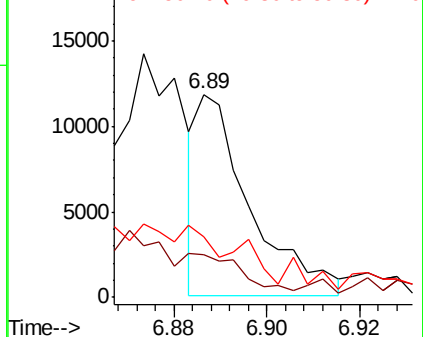
78 100

77 20.7 18.0 27.0

50 28.5 16.5 24.7#



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



#38

Trichloroethene

Concen: 0.026 ppbv

RT: 7.82 min Scan# 1565

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Tgt Ion: 130 Resp: 3030

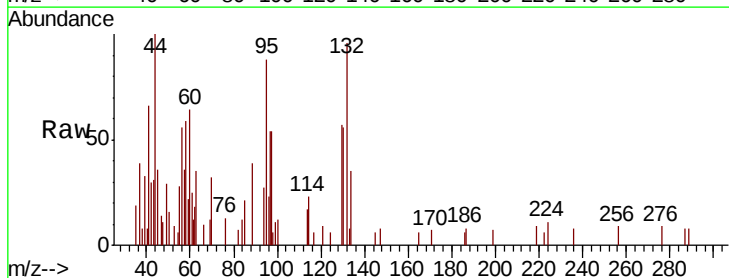
Ion Ratio Lower Upper

130 100

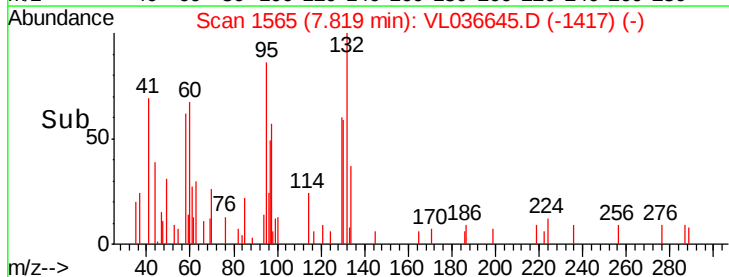
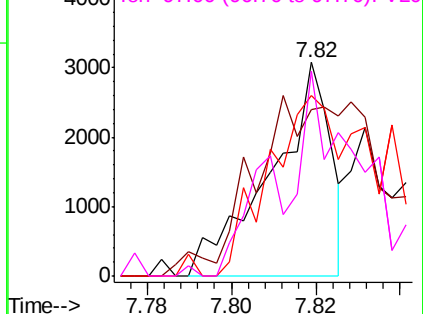
95 66.8 95.7 143.5#

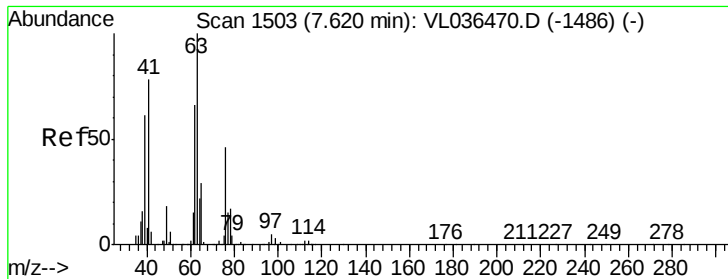
132 74.0 76.2 114.4#

97 90.6 61.8 92.6



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: 7.088 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.46 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

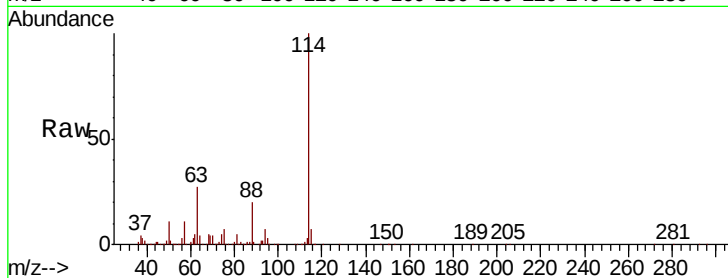
Tot Ion: 63 Resp: 865788

Ion Ratio Lower Upper

63 100

41 0.0 62.4 93.6#

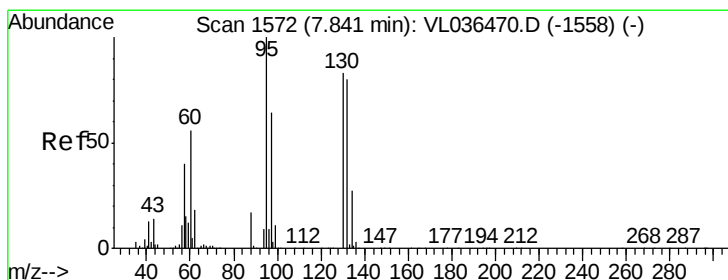
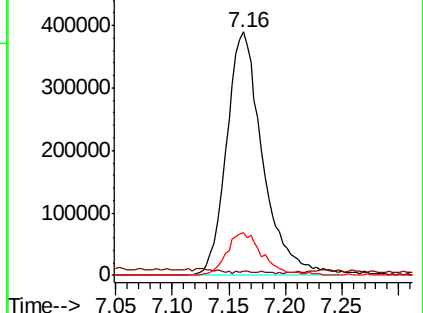
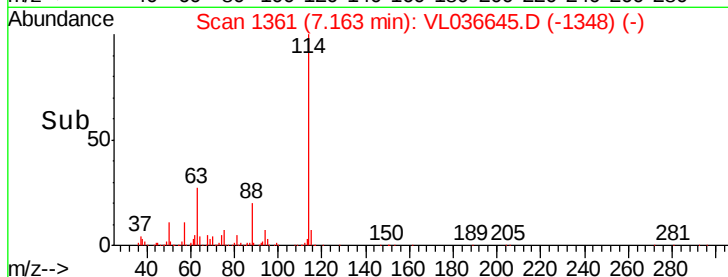
62 17.5 52.8 79.2#



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



#40

1,4-Dioxane

Concen: 0.051 ppbv

RT: 7.83 min Scan# 1567

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Tgt Ion: 88 Resp: 1458

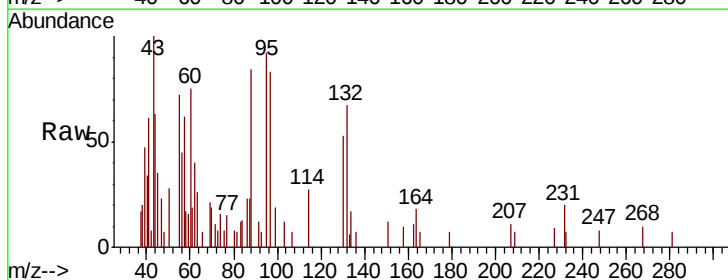
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#

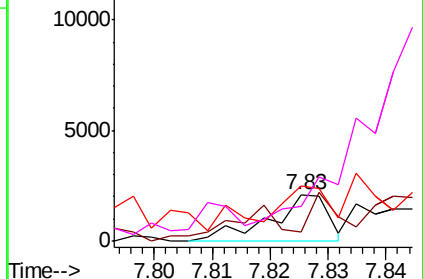
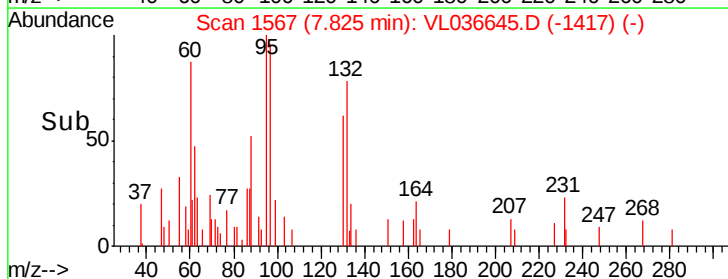


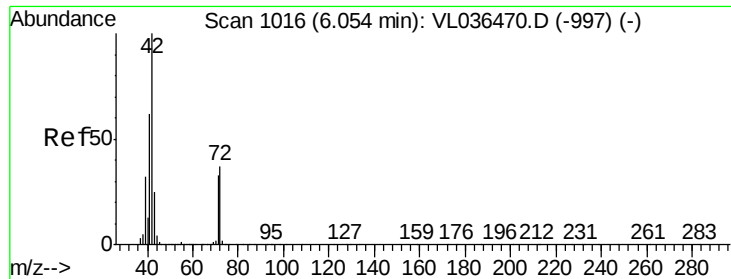
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

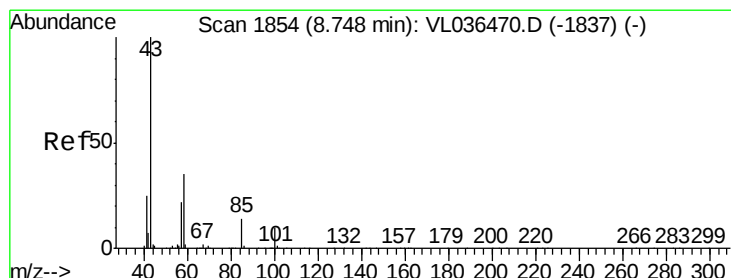
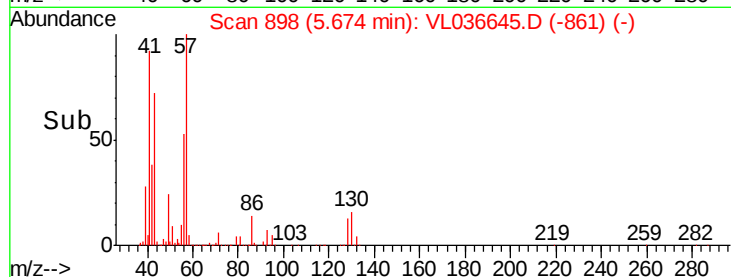
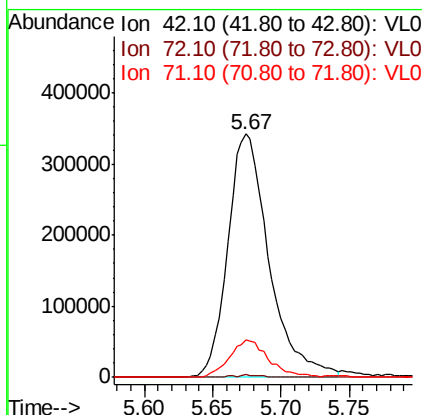
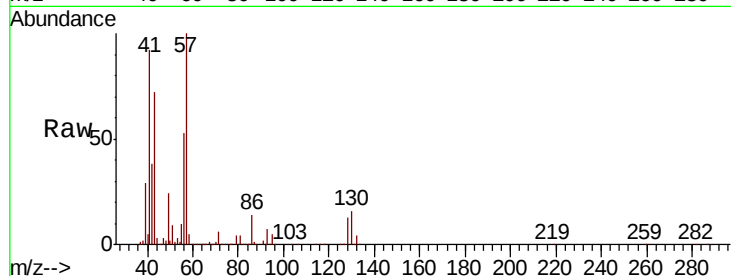




#41
Tetrahydrofuran
Concen: 9.758 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.38 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

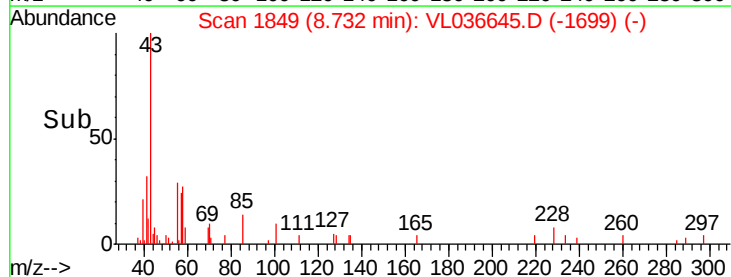
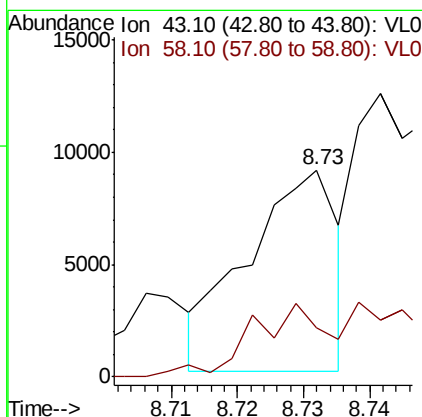
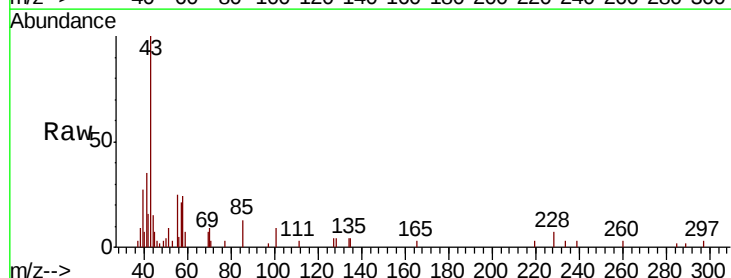
Instrument :
MSVOA_L
ClientSampled :

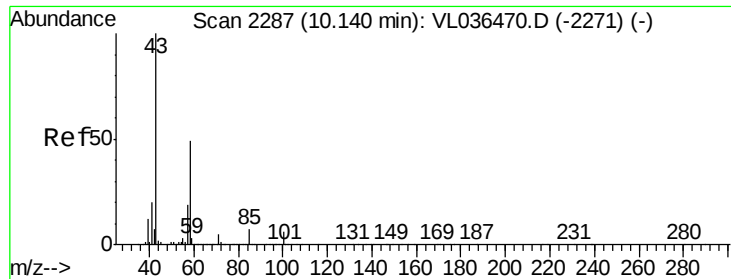
Tot Ion: 42 Resp: 717055
Ion Ratio Lower Upper
42 100
72 1.0 27.6 41.4#
71 15.2 27.0 40.4#



#50
4-Methyl-2-Pentanone
Concen: 0.037 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.02 min
Lab File: VL036645.D
Acq: 2 Apr 2021 15:07

Tgt Ion: 43 Resp: 8504
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#





#51

2-Hexanone

Concen: 0.079 ppbv

RT: 10.12 min Scan# 2281

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampleId :

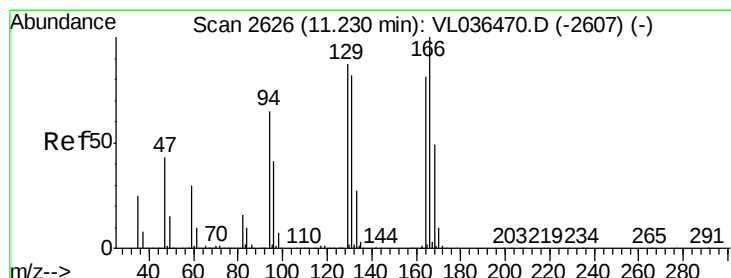
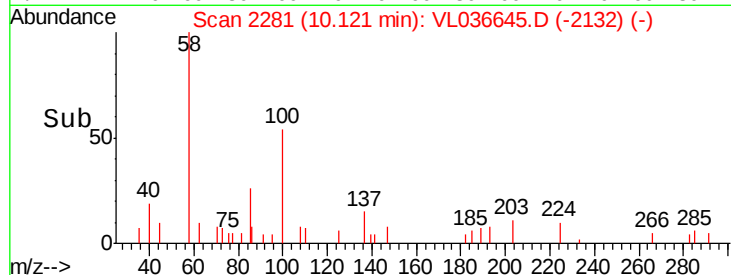
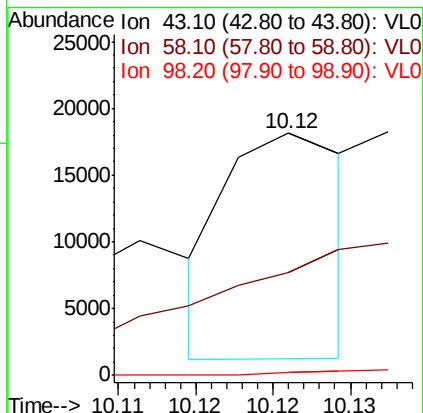
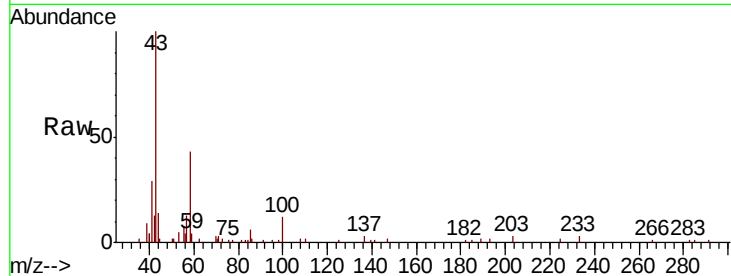
Tot Ion: 43 Resp: 9158

Ion Ratio Lower Upper

43 100

58 0.0 37.7 56.5#

98 0.0 0.2 0.2#



#52

Tetrachloroethene

Concen: 0.117 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Tgt Ion: 164 Resp: 12956

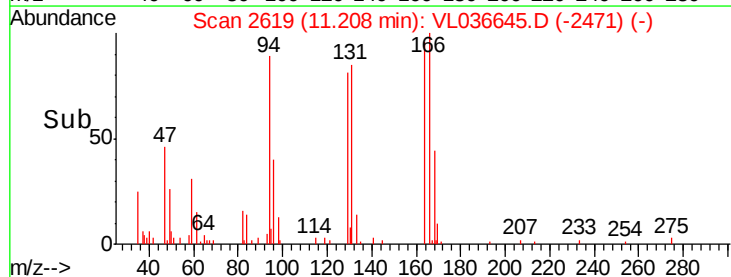
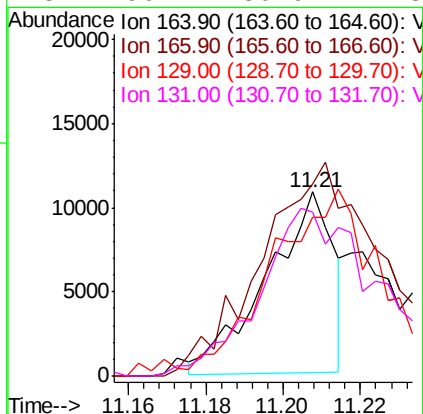
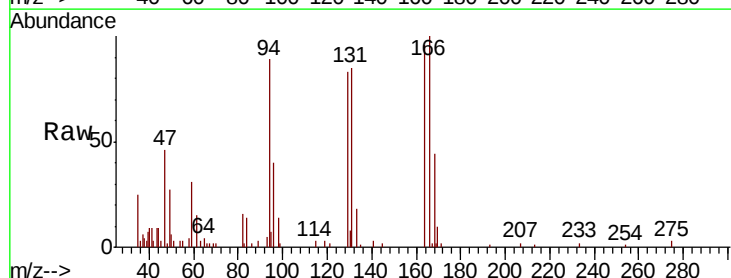
Ion Ratio Lower Upper

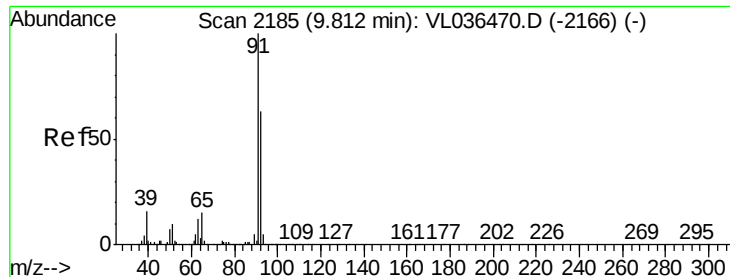
164 100

166 100.8 98.3 147.5

129 89.5 85.8 128.8

131 90.4 80.9 121.3





#53

Toluene

Concen: 0.338 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

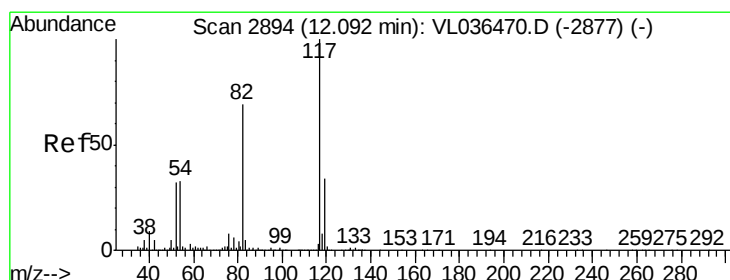
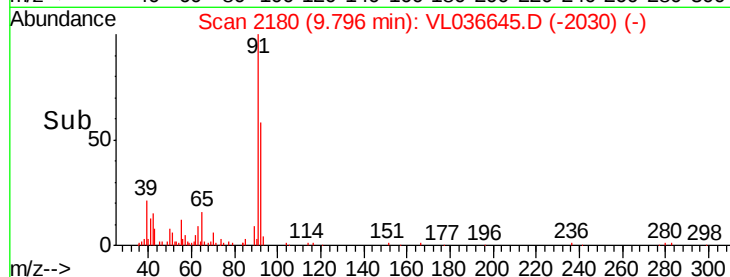
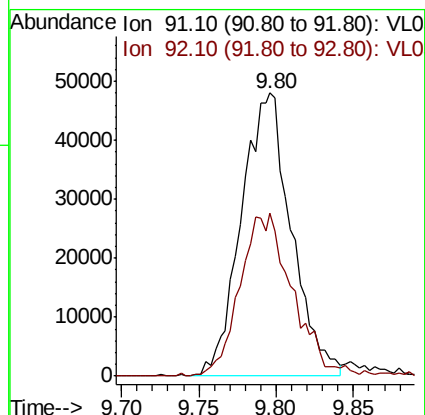
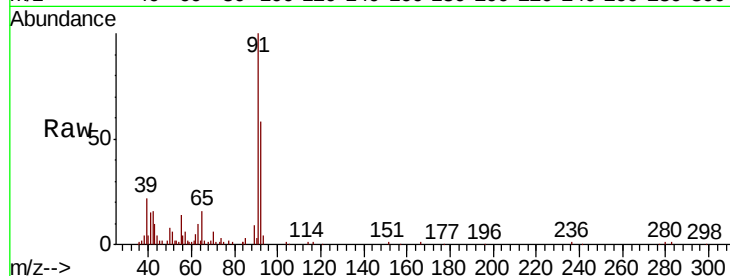
ClientSampleId :

Tot Ion: 91 Resp: 108329

Ion Ratio Lower Upper

91 100

92 61.4 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

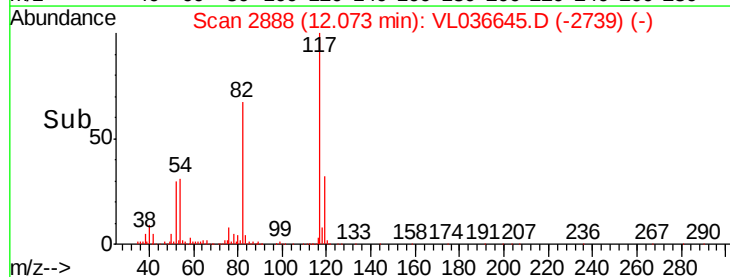
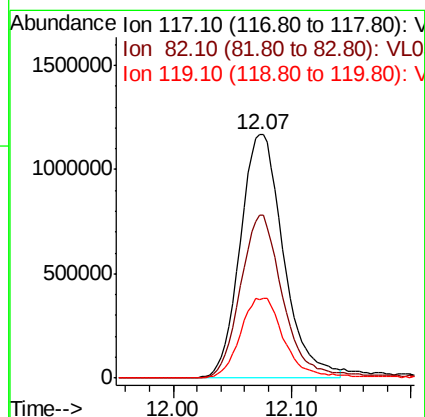
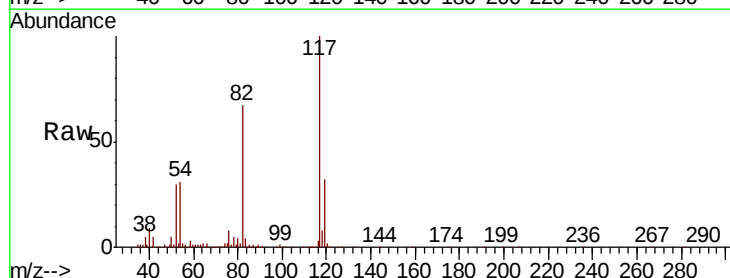
Tgt Ion: 117 Resp: 2942120

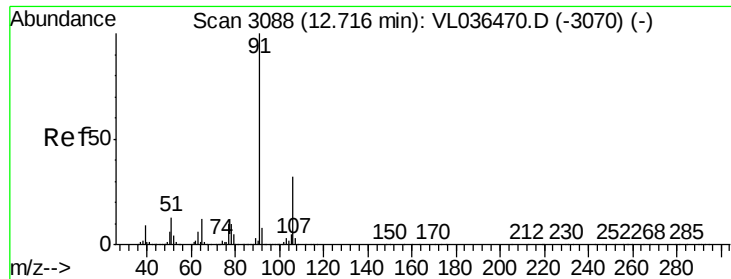
Ion Ratio Lower Upper

117 100

82 68.8 57.4 86.0

119 33.6 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.023 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

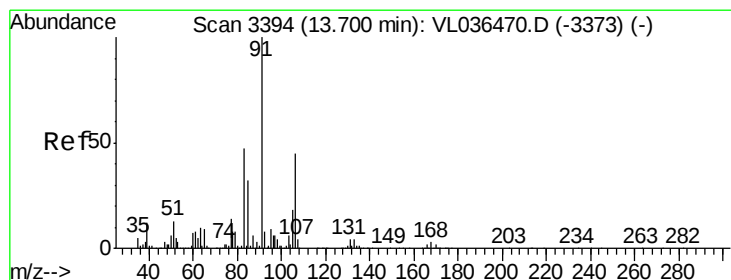
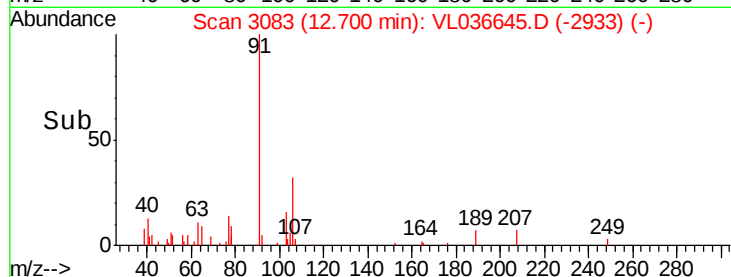
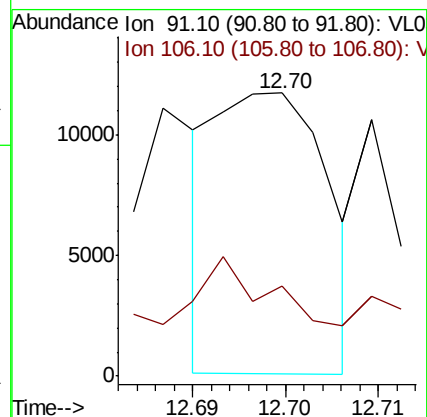
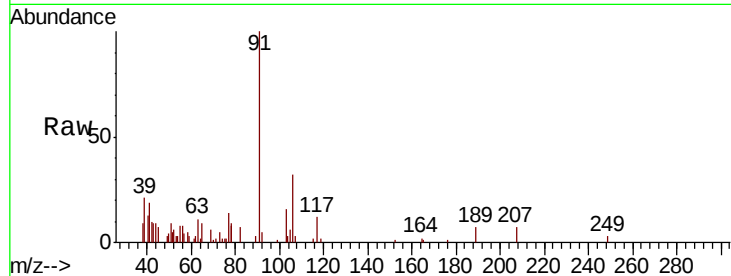
ClientSampleId :

Tot Ion: 91 Resp: 9720

Ion Ratio Lower Upper

91 100

106 30.8 25.3 37.9



#60

o-Xylene

Concen: 0.049 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.03 min

Lab File: VL036645.D

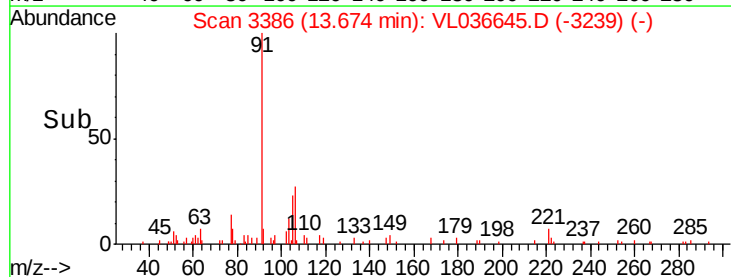
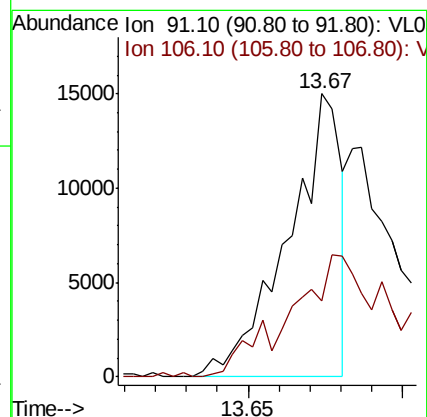
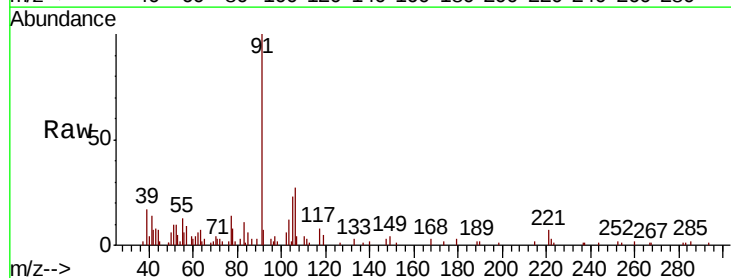
Acq: 2 Apr 2021 15:07

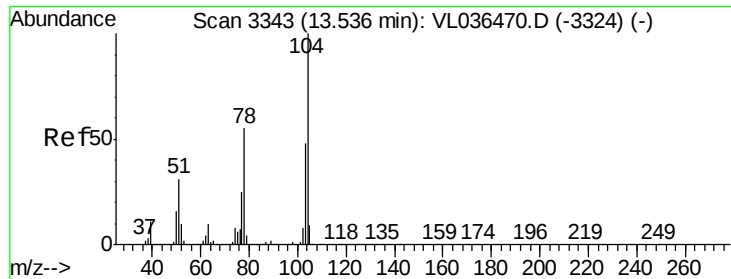
Tgt Ion: 91 Resp: 17770

Ion Ratio Lower Upper

91 100

106 88.5 22.3 66.9#





#61

Stvrene

Concen: 0.045 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

ClientSampled :

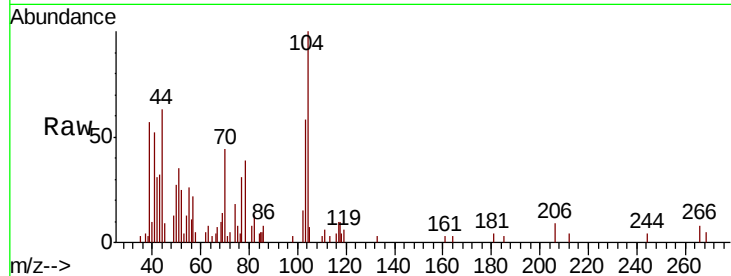
Tot Ion:104 Resp: 8082

Ion Ratio Lower Upper

104 100

78 105.4 43.8 65.8#

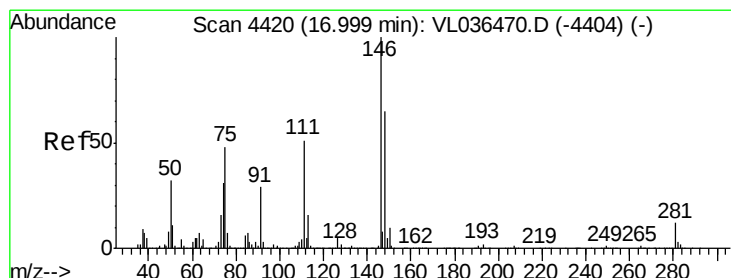
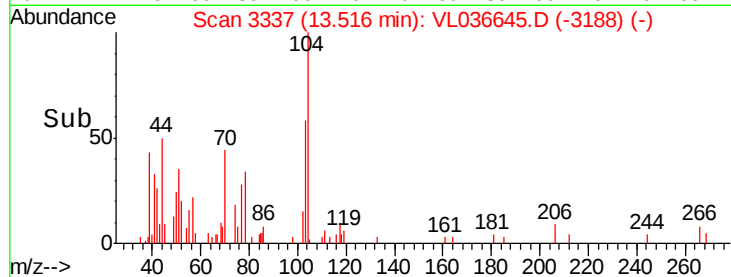
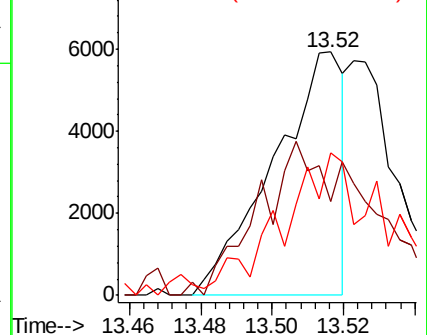
103 101.4 38.3 57.5#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#66

Benzyl Chloride

Concen: 0.039 ppbv

RT: 16.97 min Scan# 4410

Delta R.T. -0.03 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

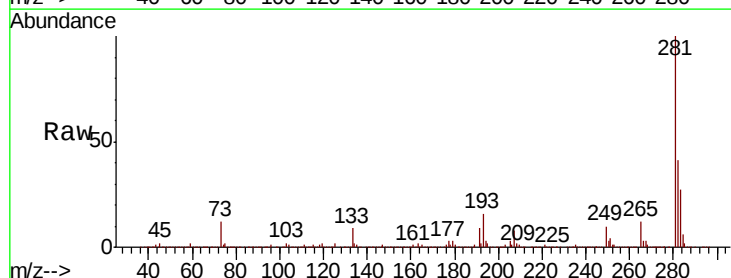
Tgt Ion: 91 Resp: 1829

Ion Ratio Lower Upper

91 100

126 0.0 13.5 20.3#

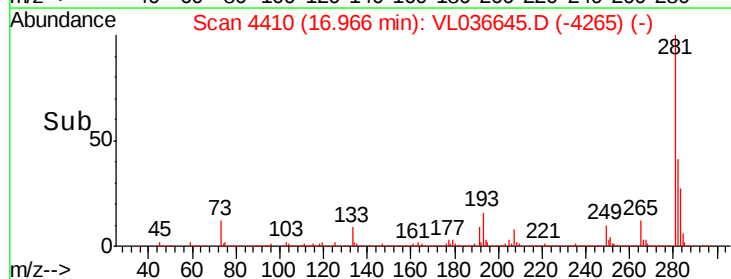
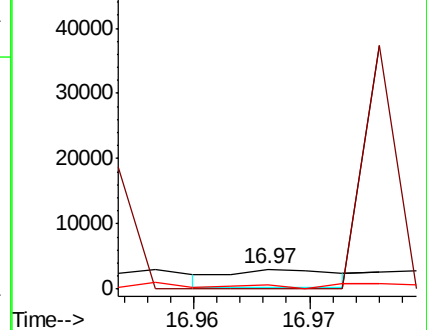
128 0.0 4.2 6.4#

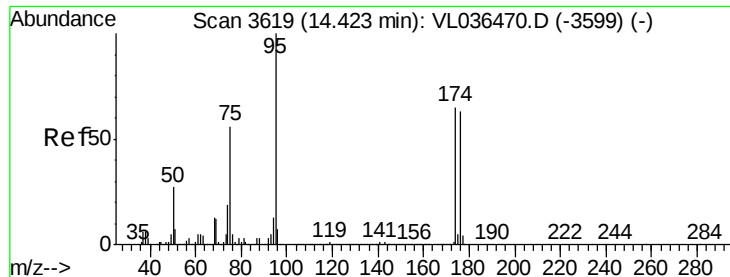


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V

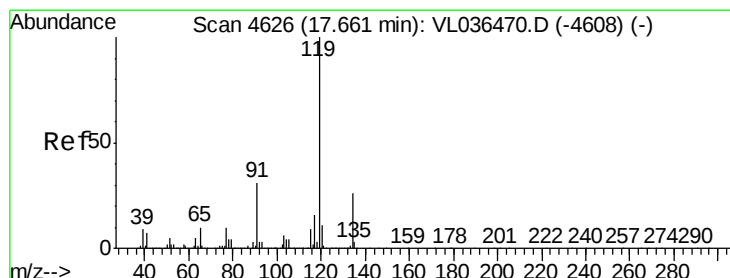
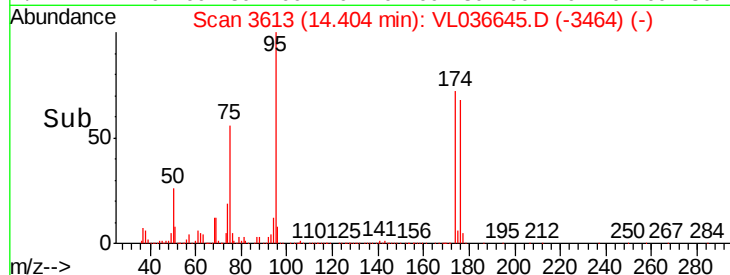
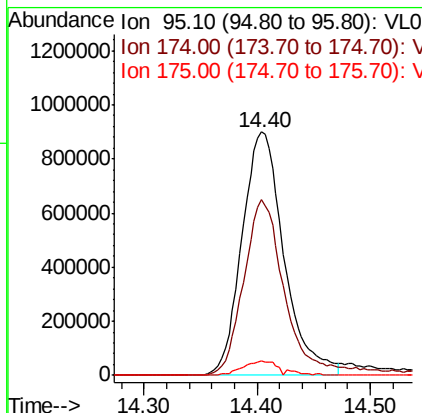
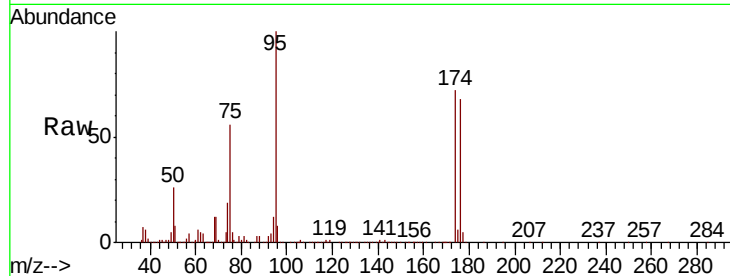




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.924 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.02 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

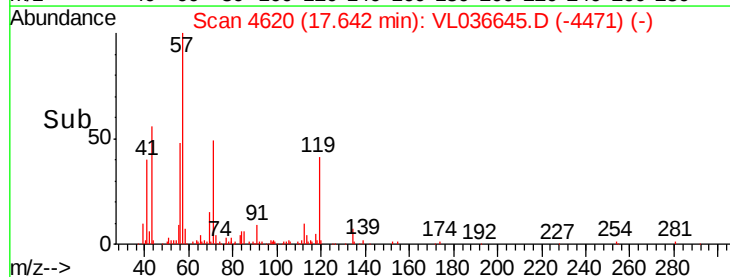
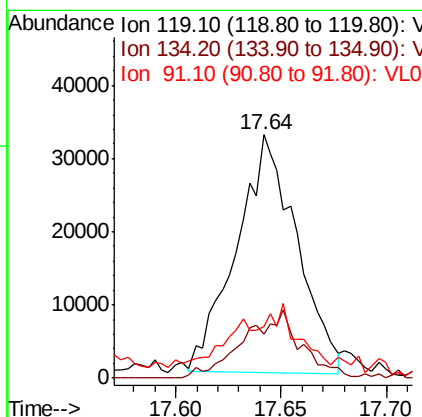
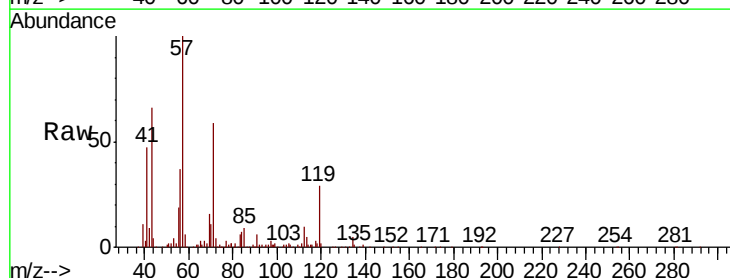
Instrument :
 MSVOA_L
 ClientSampleId :

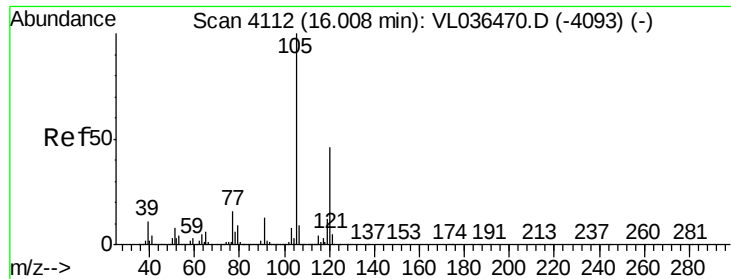
Tot Ion: 95 Resp: 2327078
 Ion Ratio Lower Upper
 95 100
 174 73.9 51.0 76.6
 175 5.7 3.9 5.9



#69
 p-Isopropyltoluene
 Concen: 0.140 ppbv
 RT: 17.64 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: VL036645.D
 Acq: 2 Apr 2021 15:07

Tgt Ion: 119 Resp: 65109
 Ion Ratio Lower Upper
 119 100
 134 27.0 20.6 30.8
 91 40.9 25.0 37.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.047 ppbv

RT: 15.99 min Scan# 4105

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

Instrument :

MSVOA_L

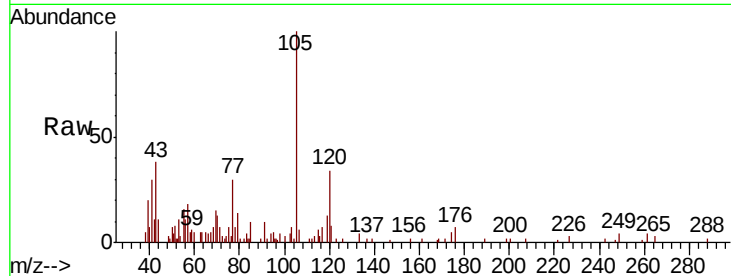
ClientSampleId :

Tot Ion:105 Resp: 17534

Ion Ratio Lower Upper

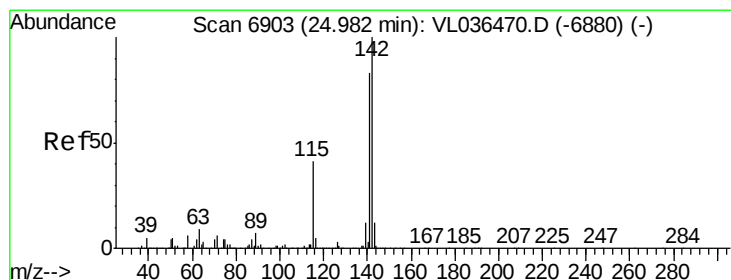
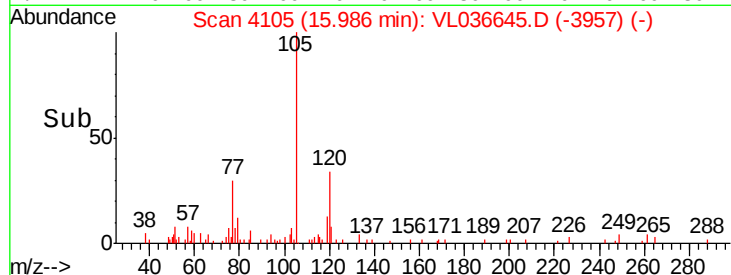
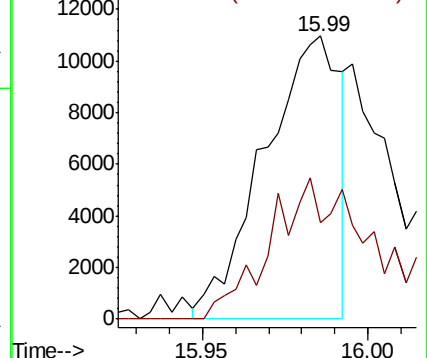
105 100

120 43.5 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#80

Naphthalene, 2-methyl-

Concen: 0.243 ppbv

RT: 24.96 min Scan# 6896

Delta R.T. -0.02 min

Lab File: VL036645.D

Acq: 2 Apr 2021 15:07

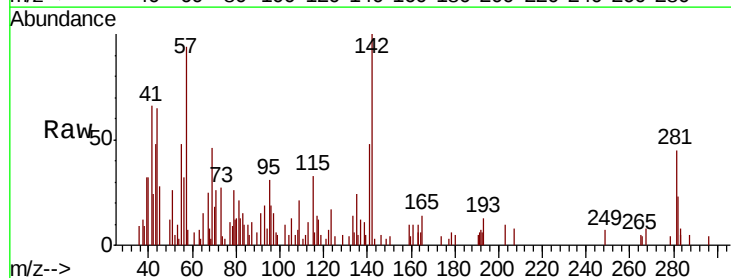
Tgt Ion:142 Resp: 11050

Ion Ratio Lower Upper

142 100

141 89.7 67.8 101.8

115 58.3 34.0 51.0#



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

