

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036669.D
 Acq On : 3 Apr 2021 6:56
 Operator : SY/AP
 Sample : M1853-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 07:30:42 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	5.64	49	1174042	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2995730	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2619228	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2101435	10.07	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

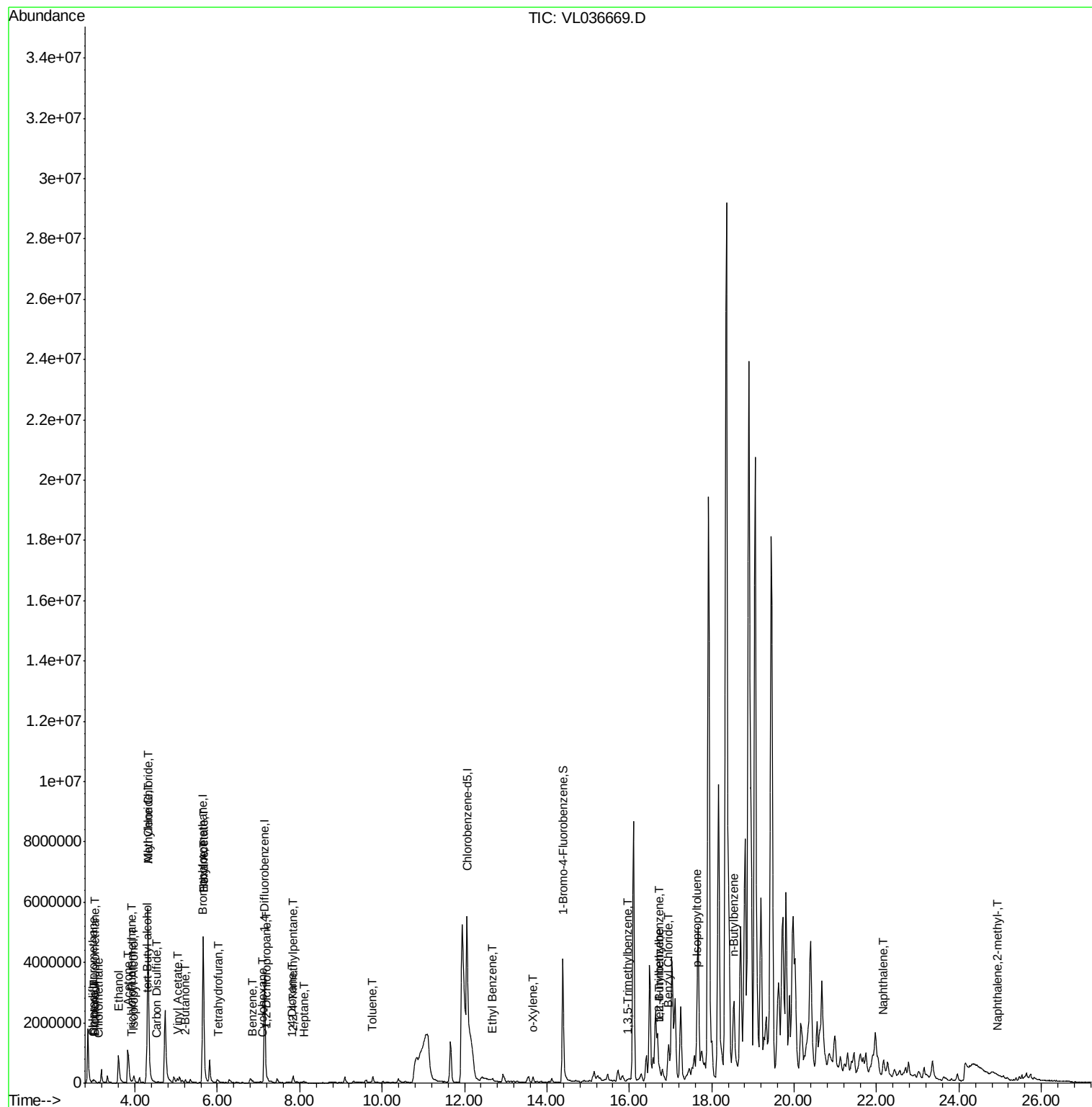
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	34504	0.180	ppbv	94
3) Chlorodifluoromethane	2.97	51	103403	0.471	ppbv	95
4) Chloromethane	3.12	50	20126	0.260	ppbv #	75
9) Propene	3.00	41	9971	0.143	ppbv #	11
10) Heptane	8.10	43	23059	0.129	ppbv #	76
11) Trichlorofluoromethane	3.93	101	31645	0.162	ppbv	86
13) Ethanol	3.60	45	1342809	161.252	ppbv	91
15) Acetone	3.83	43	1570802	13.594	ppbv	92
17) tert-Butyl alcohol	4.29	59	1522450	15.135	ppbv	100
19) Isopropyl Alcohol	3.97	45	343693	5.407	ppbv #	1
20) Methylene Chloride	4.32	84	2154311	39.819	ppbv	94
21) Allyl Chloride	4.32	41	142908	1.551	ppbv #	17
23) Vinyl Acetate	5.04	43	21667	0.110	ppbv #	50
25) Ethyl Acetate	5.66	43	1359810	4.950	ppbv #	77
26) Hexane	5.66	57	1874293	14.702	ppbv #	46
27) Carbon Disulfide	4.53	76	10816	0.086	ppbv #	76
30) Cyclohexane	7.10	84	3247	0.031	ppbv #	1
34) 2-Butanone	5.22	43	116629	0.798	ppbv	98
36) Benzene	6.86	78	17558	0.064	ppbv	98
39) 1,2-Dichloropropane	7.20	63	14052	0.125	ppbv #	25
40) 1,4-Dioxane	7.80	88	1766	0.068	ppbv #	1
41) Tetrahydrofuran	6.02	42	11894	0.176	ppbv #	35
44) 2,2,4-Trimethylpentane	7.84	57	204744	0.421	ppbv	92
53) Toluene	9.78	91	140751	0.478	ppbv	99
58) Ethyl Benzene	12.68	91	61112	0.160	ppbv	93
60) o-Xylene	13.66	91	130374	0.406	ppbv	100
65) tert-Butylbenzene	16.73	119	30181	0.080	ppbv #	73
66) Benzyl Chloride	16.93	91	42858	1.033	ppbv #	84
69) p-Isopropyltoluene	17.63	119	114185	0.276	ppbv	96
70) n-Butylbenzene	18.54	91	80426	0.188	ppbv #	82
73) 1,3,5-Trimethylbenzene	15.97	105	32414	0.099	ppbv	92
74) 1,2,4-Trimethylbenzene	16.73	105	266780	0.758	ppbv #	65
79) Naphthalene	22.18	128	187058	0.911	ppbv #	95
80) Naphthalene,2-methyl-	24.95	142	2254	0.056	ppbv #	54

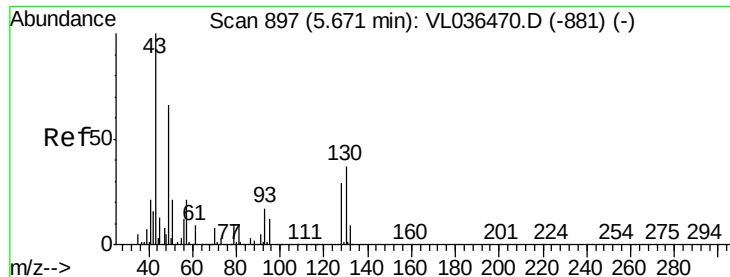
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

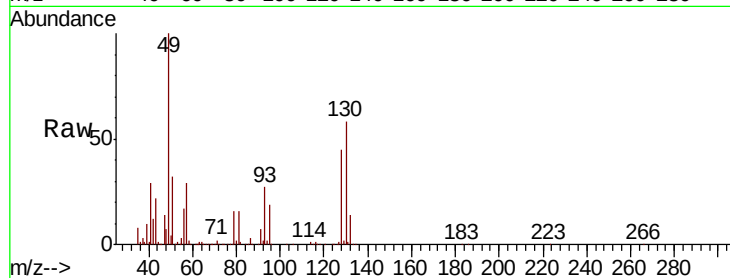
Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1174042

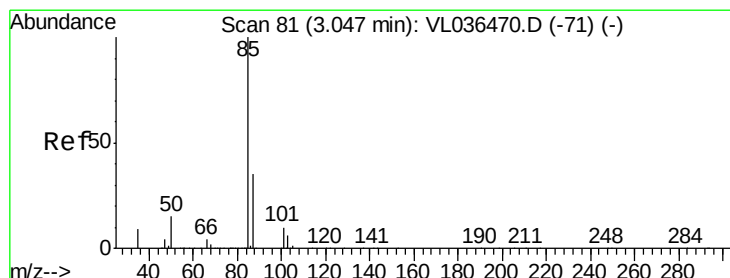
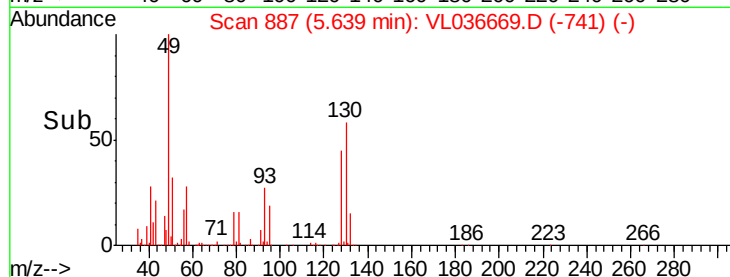
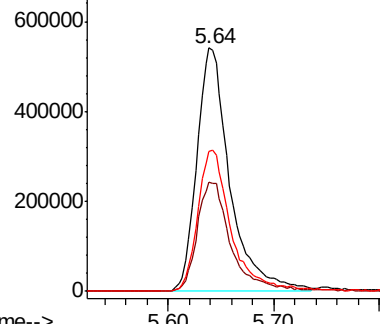
Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.5	70.6
130	59.5	29.1	87.4



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: 0.180 ppbv

RT: 3.03 min Scan# 75

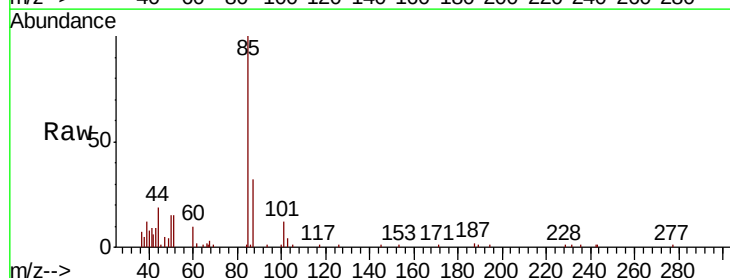
Delta R.T. -0.02 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

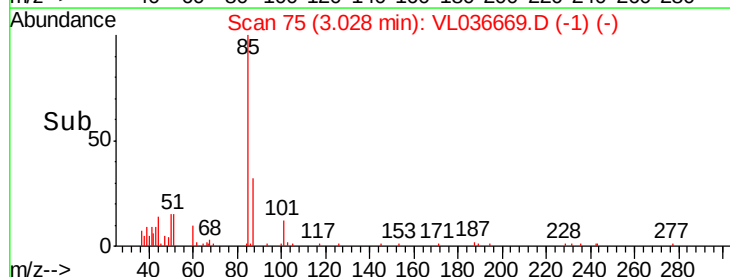
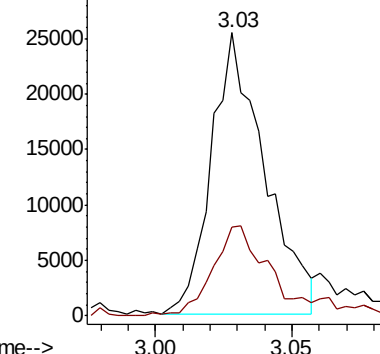
Tgt Ion: 85 Resp: 34504

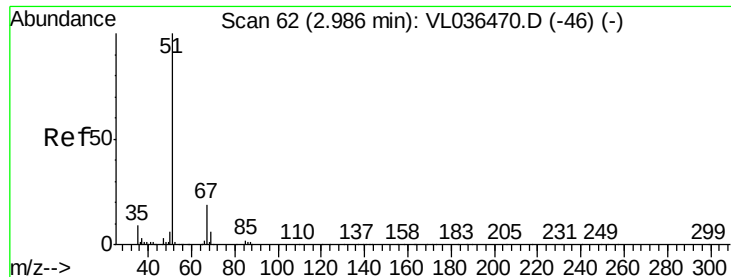
Ion	Ratio	Lower	Upper
85	100		
87	31.1	27.8	41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.471 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.02 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

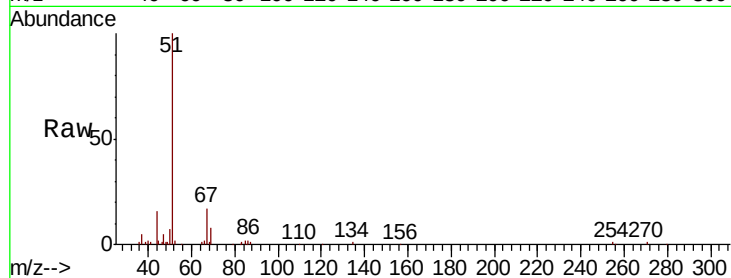
ClientSampleId :

Tot Ion: 51 Resp: 103403

Ion Ratio Lower Upper

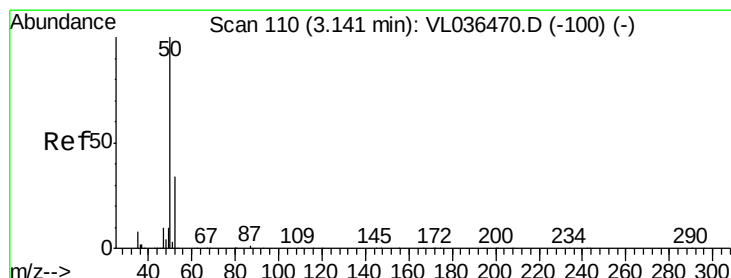
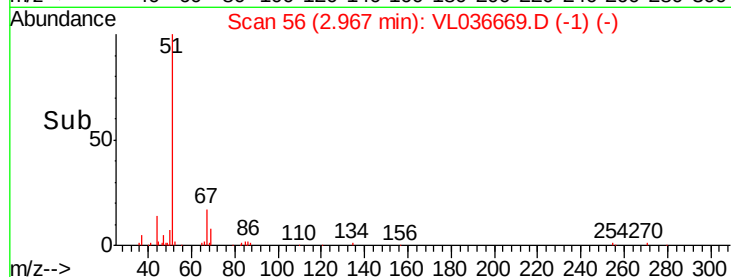
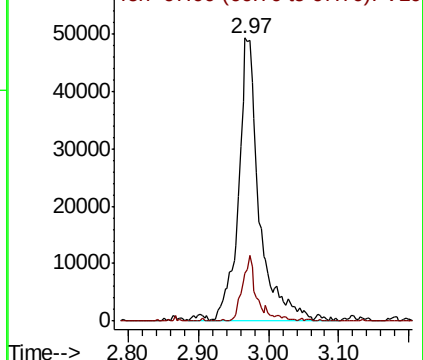
51 100

67 16.0 14.7 22.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.260 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.02 min

Lab File: VL036669.D

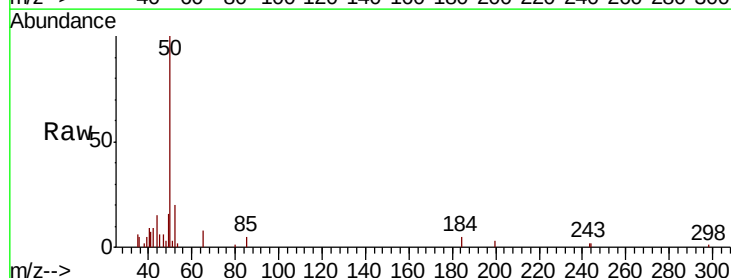
Acq: 3 Apr 2021 6:56

Tgt Ion: 50 Resp: 20126

Ion Ratio Lower Upper

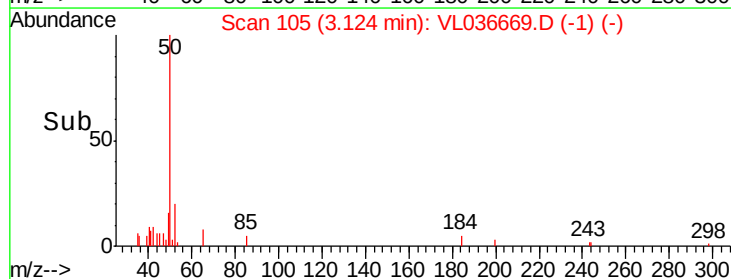
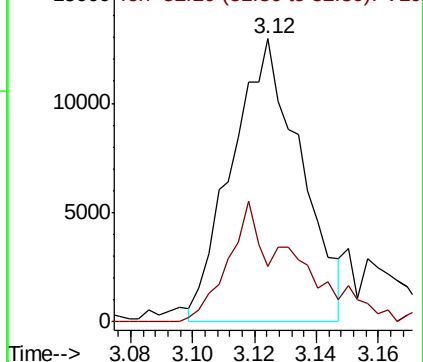
50 100

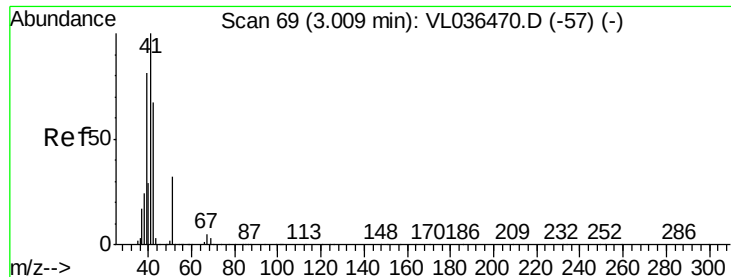
52 19.3 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.143 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.01 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

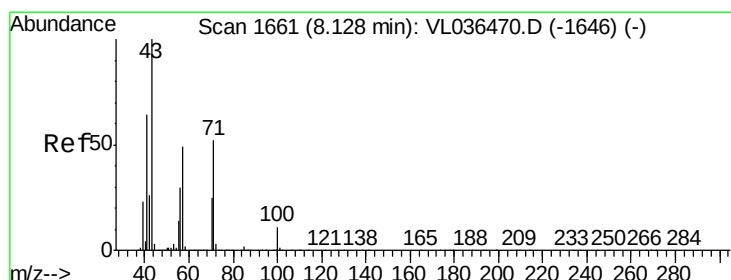
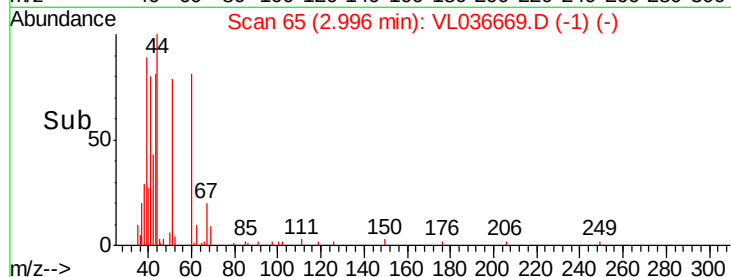
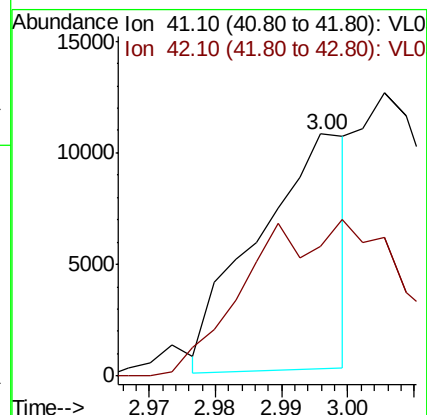
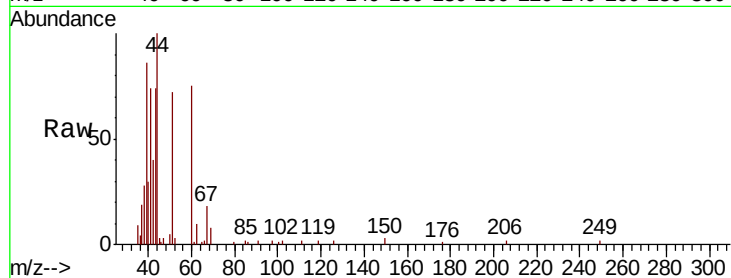
ClientSampled :

Tot Ion: 41 Resp: 9971

Ion Ratio Lower Upper

41 100

42 145.3 57.0 85.4#



#10

Heptane

Concen: 0.129 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. -0.03 min

Lab File: VL036669.D

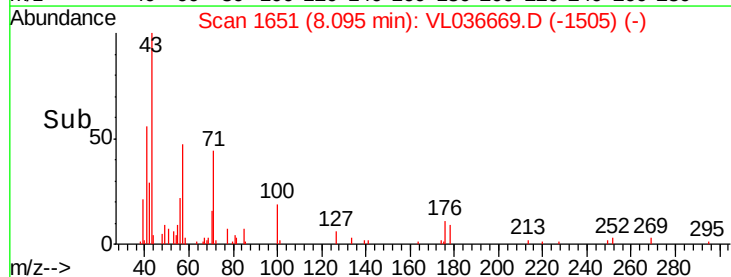
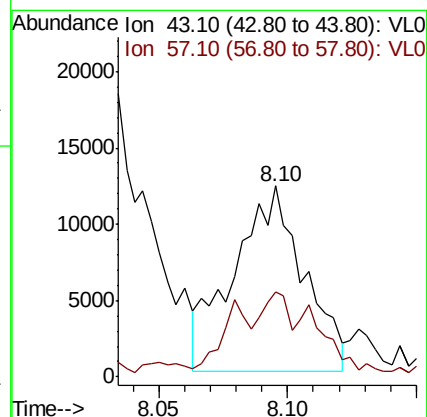
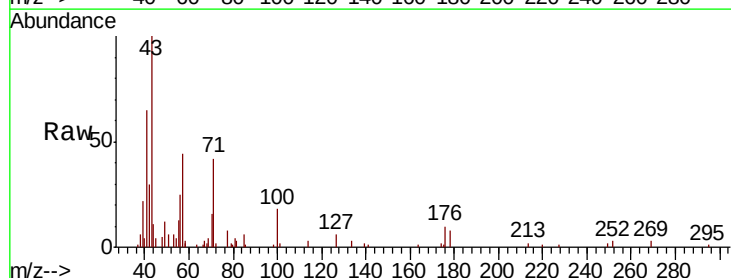
Acq: 3 Apr 2021 6:56

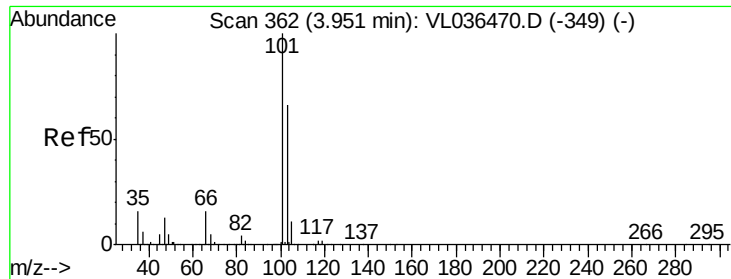
Tgt Ion: 43 Resp: 23059

Ion Ratio Lower Upper

43 100

57 64.8 39.0 58.6#

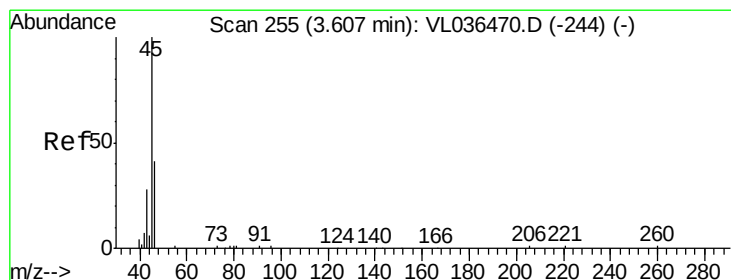
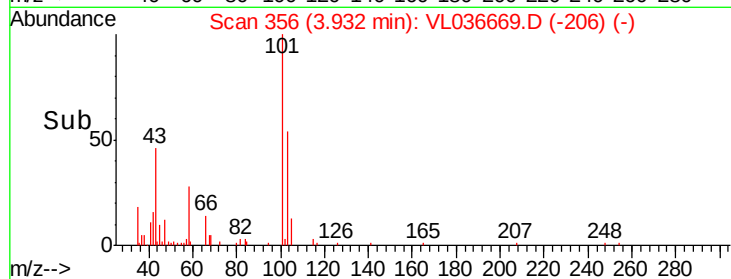
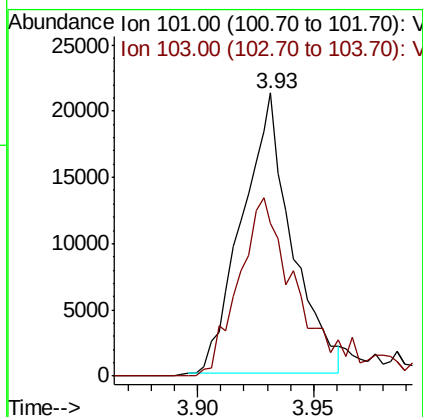
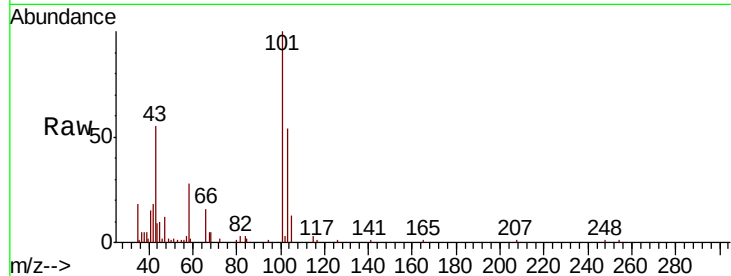




#11
 Trichlorofluoromethane
 Concen: 0.162 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.02 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

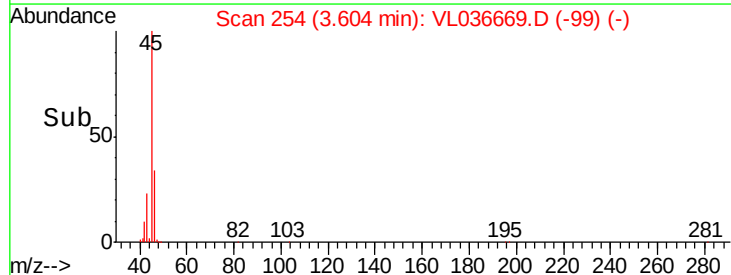
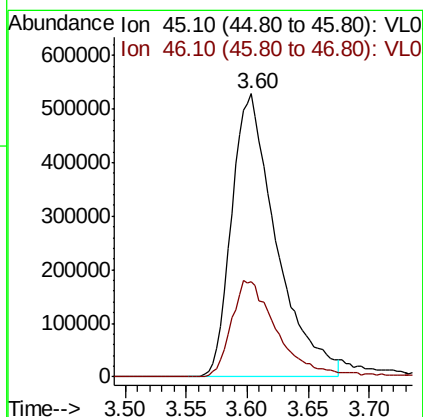
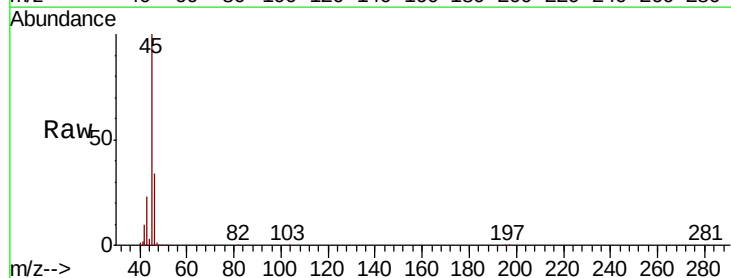
Instrument :
 MSVOA_L
 ClientSampleId :

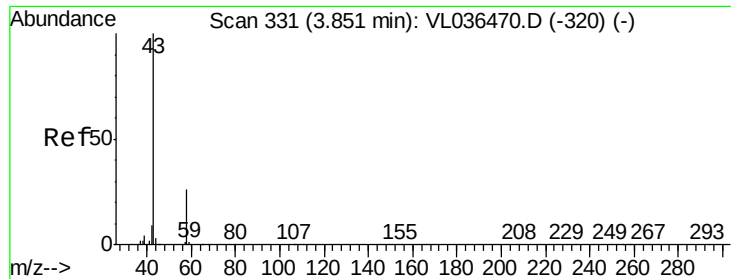
Tot Ion:101 Resp: 31645
 Ion Ratio Lower Upper
 101 100
 103 54.6 52.5 78.7



#13
 Ethanol
 Concen: 161.252 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

Tgt Ion: 45 Resp: 1342809
 Ion Ratio Lower Upper
 45 100
 46 35.9 16.6 66.2





#15

Acetone

Concen: 13.594 ppbv

RT: 3.83 min Scan# 323

Delta R.T. -0.03 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

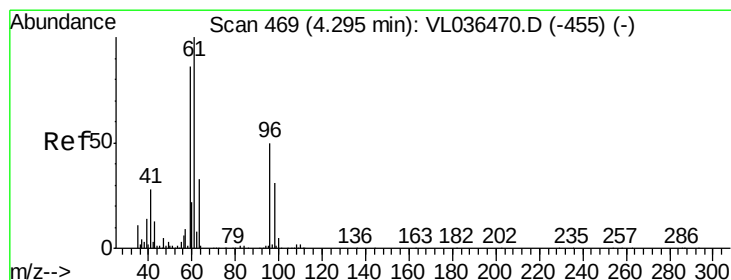
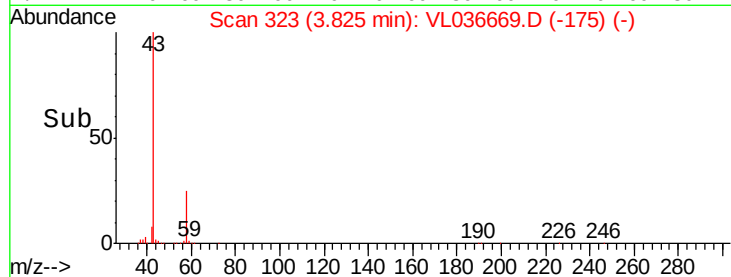
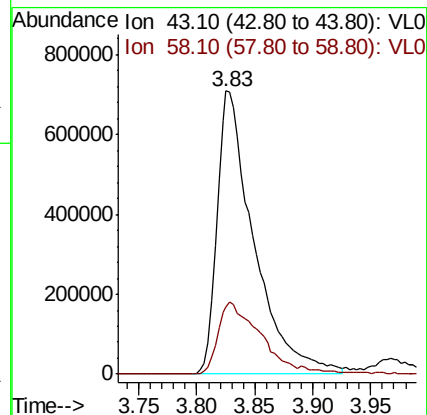
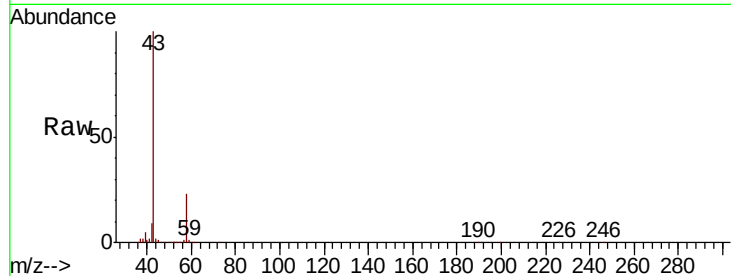
ClientSampleId :

Tot Ion: 43 Resp: 1570802

Ion Ratio Lower Upper

43 100

58 30.5 21.2 31.8



#17

tert-Butyl alcohol

Concen: 15.135 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.01 min

Lab File: VL036669.D

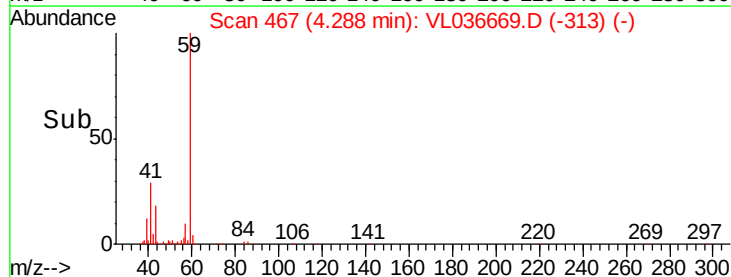
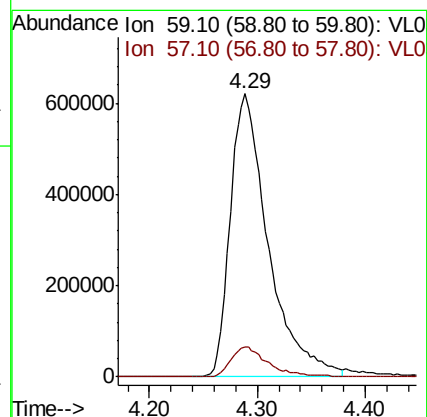
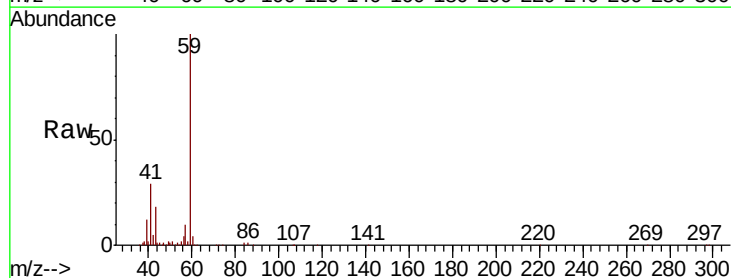
Acq: 3 Apr 2021 6:56

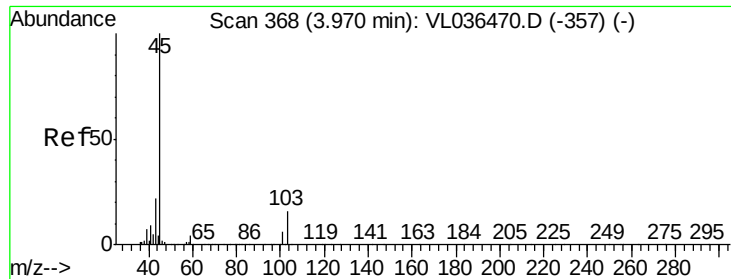
Tgt Ion: 59 Resp: 1522450

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8





#19

Isopropyl Alcohol

Concen: 5.407 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

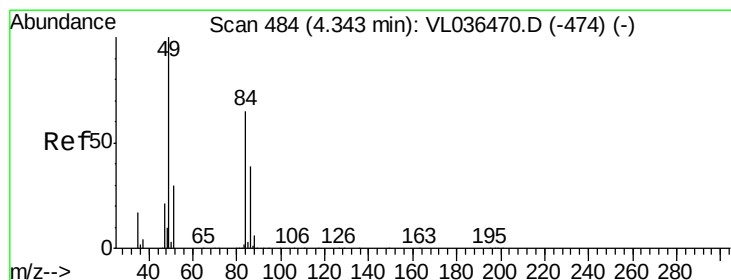
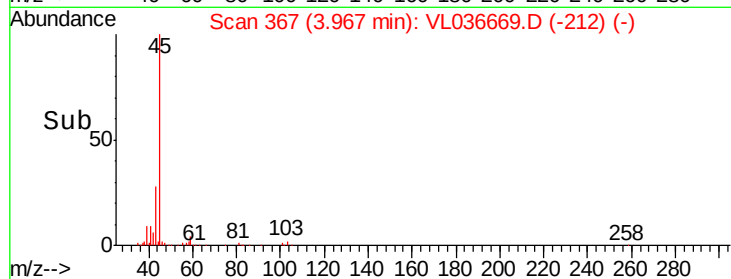
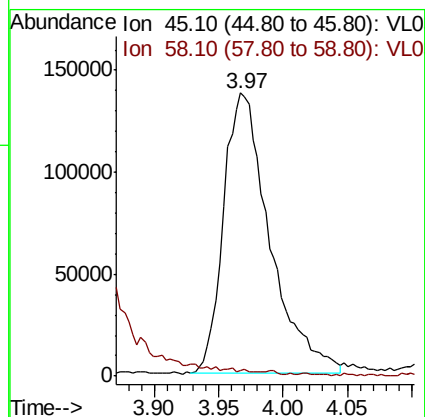
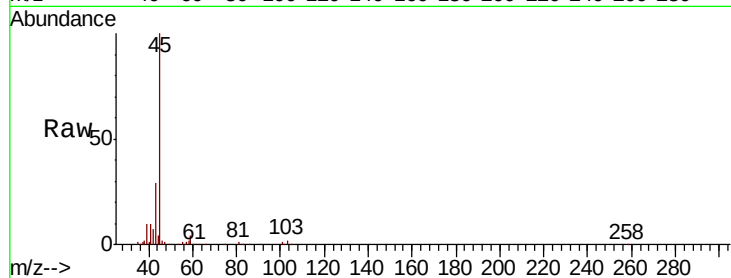
ClientSampled :

Tot Ion: 45 Resp: 343693

Ion Ratio Lower Upper

45 100

58 139.3 2.9 4.3#



#20

Methylene Chloride

Concen: 39.819 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Tgt Ion: 84 Resp: 2154311

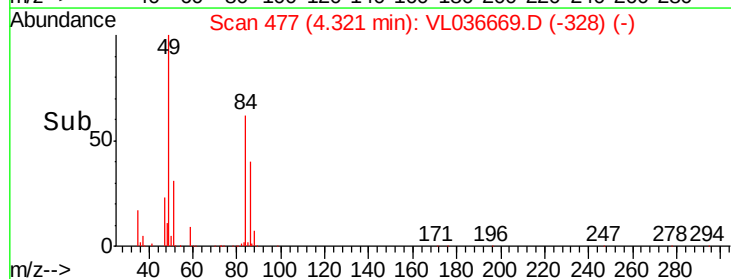
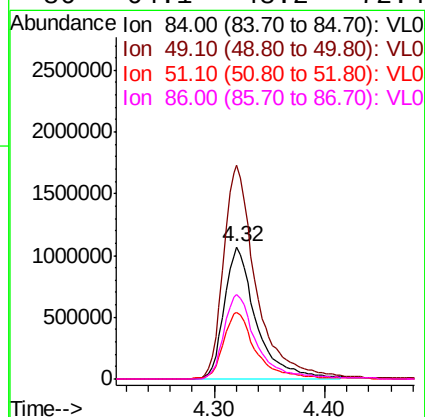
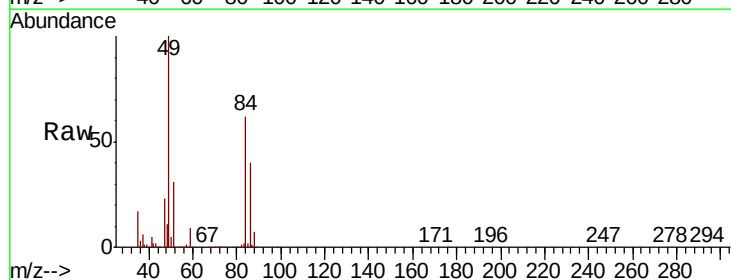
Ion Ratio Lower Upper

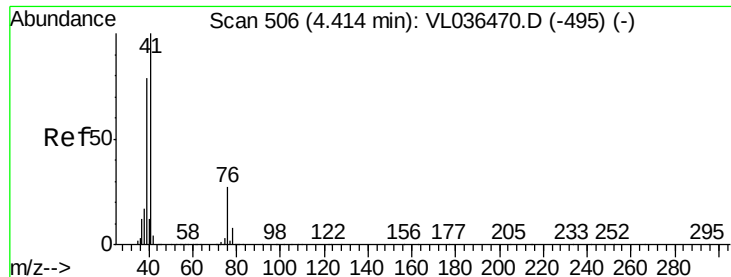
84 100

49 161.5 122.9 184.3

51 49.6 36.9 55.3

86 64.1 48.2 72.4





#21

Allvl Chloride

Concen: 1.551 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.10 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

ClientSampleId :

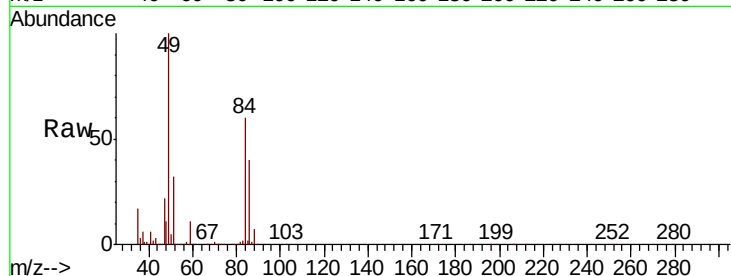
Tot Ion: 41 Resp: 142908

Ion Ratio Lower Upper

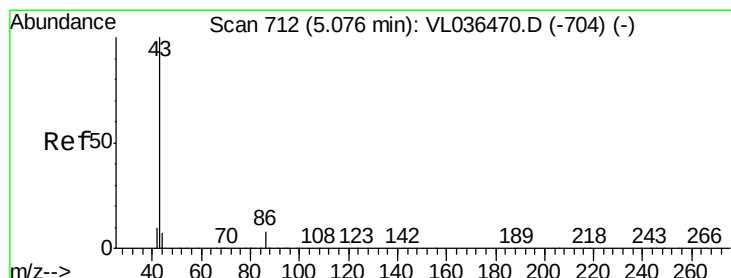
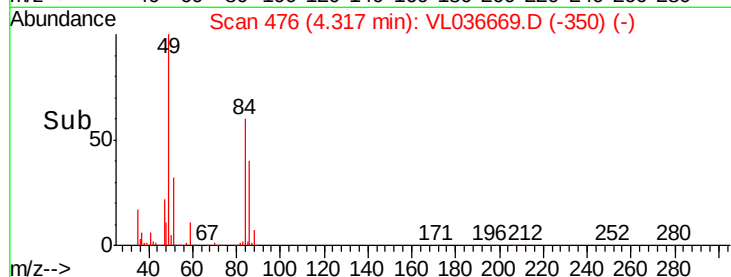
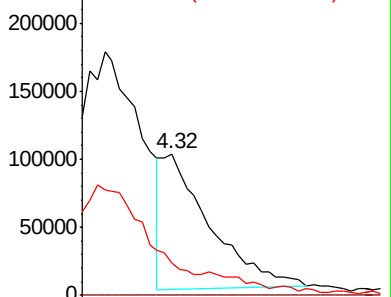
41 100

76 0.0 22.9 34.3#

39 0.0 67.3 100.9#



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: 0.110 ppbv

RT: 5.04 min Scan# 701

Delta R.T. -0.04 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Tgt Ion: 43 Resp: 21667

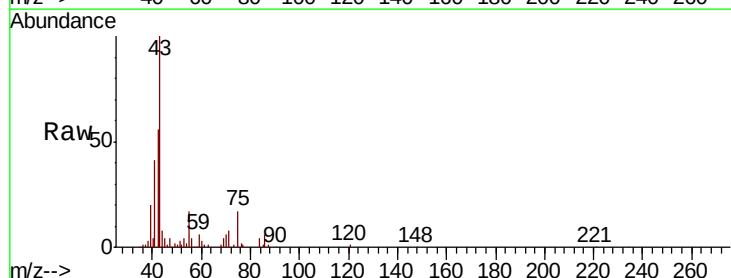
Ion Ratio Lower Upper

43 100

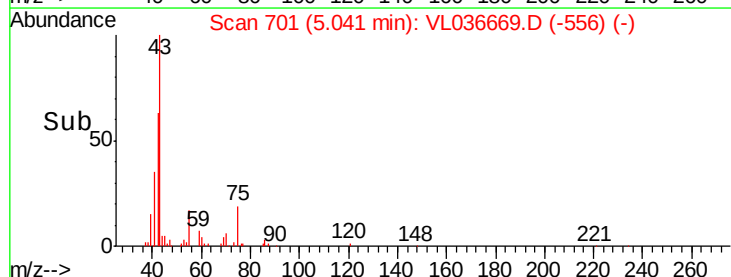
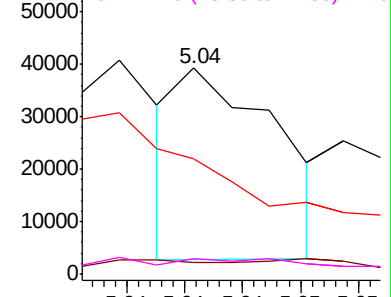
86 0.0 5.4 8.0#

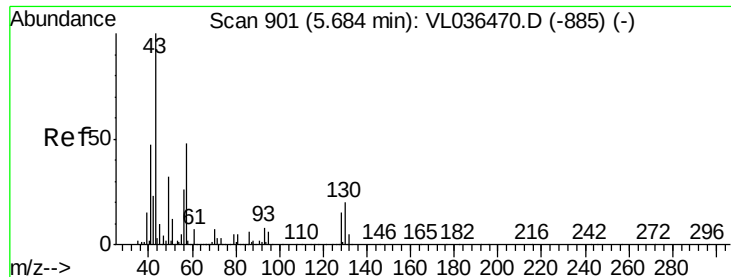
42 46.0 8.5 12.7#

44 7.2 4.6 7.0#



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

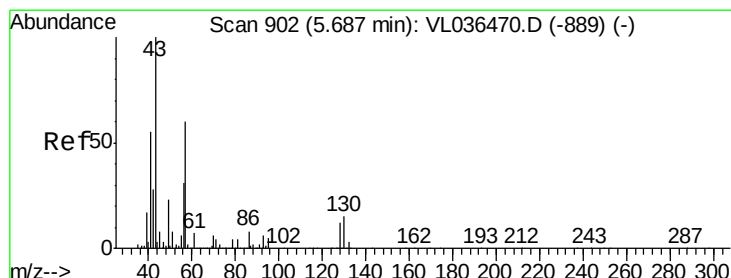
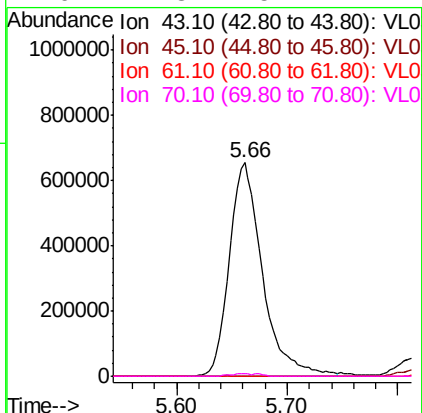
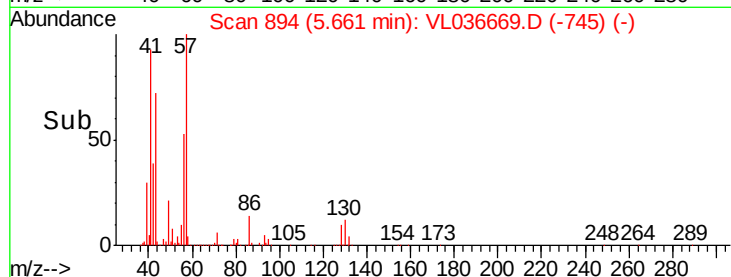
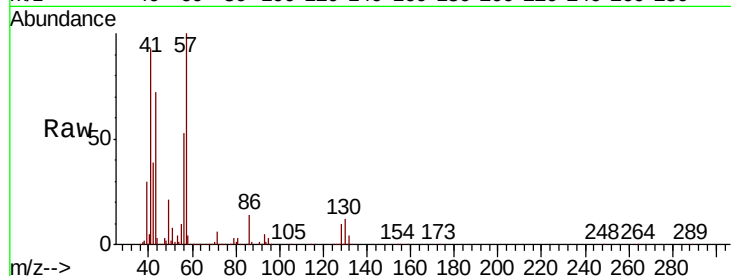




#25
Ethyl Acetate
Concen: 4.950 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

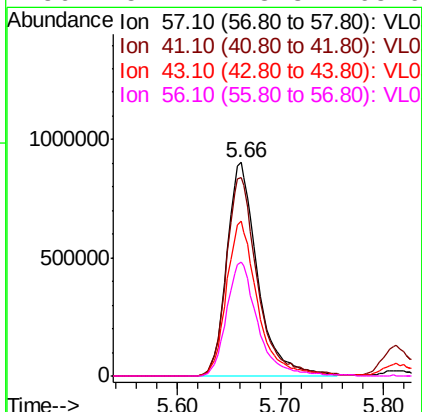
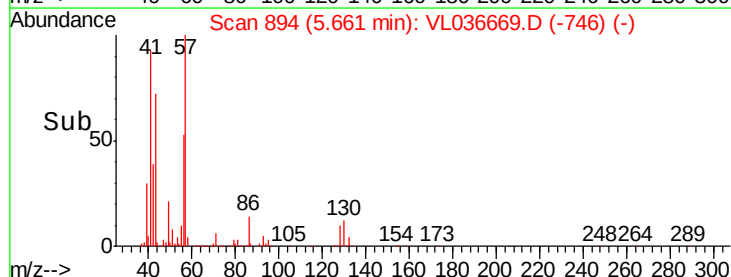
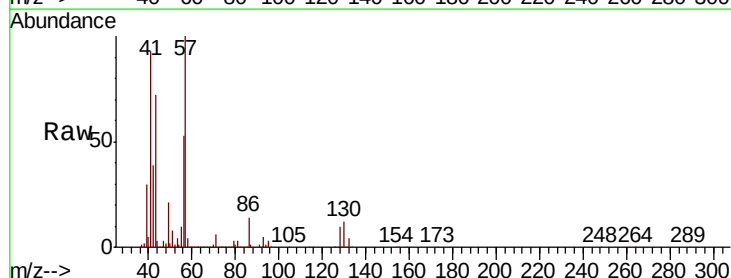
Instrument :
MSVOA_L
ClientSampled :

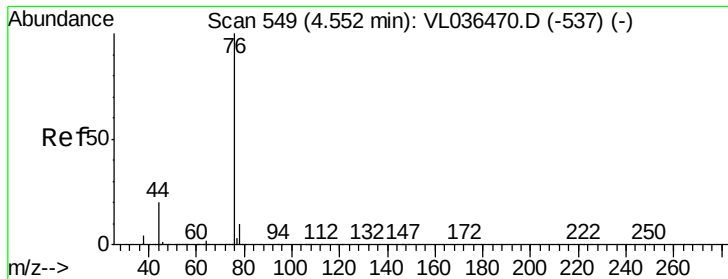
Tot Ion: 43 Resp: 1359810
Ion Ratio Lower Upper
43 100
45 0.2 7.9 11.9#
61 0.2 7.4 11.2#
70 1.3 5.1 7.7#



#26
Hexane
Concen: 14.702 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion: 57 Resp: 1874293
Ion Ratio Lower Upper
57 100
41 95.2 77.2 115.8
43 73.2 173.8 260.6#
56 54.4 43.8 65.6





#27

Carbon Disulfide

Concen: 0.086 ppbv

RT: 4.53 min Scan# 541

Delta R.T. -0.03 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

ClientSampleId :

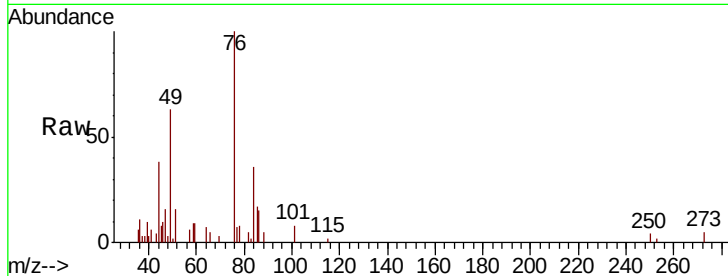
Tot Ion: 76 Resp: 10816

Ion Ratio Lower Upper

76 100

44 32.6 17.5 26.3#

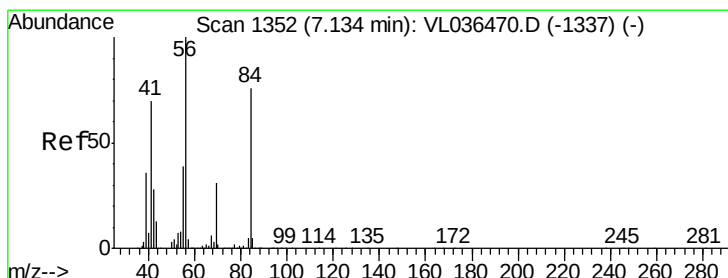
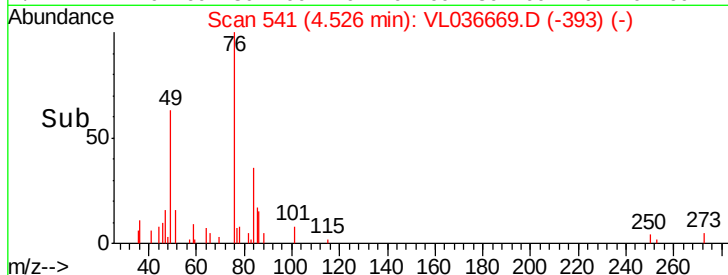
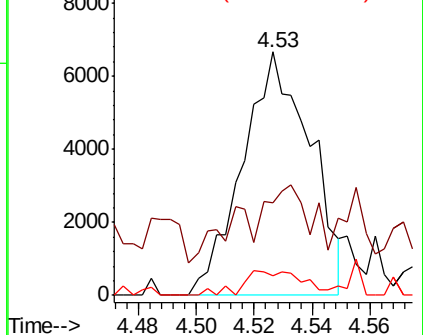
78 1.1 8.6 13.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#30

Cyclohexane

Concen: 0.031 ppbv

RT: 7.10 min Scan# 1340

Delta R.T. -0.04 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

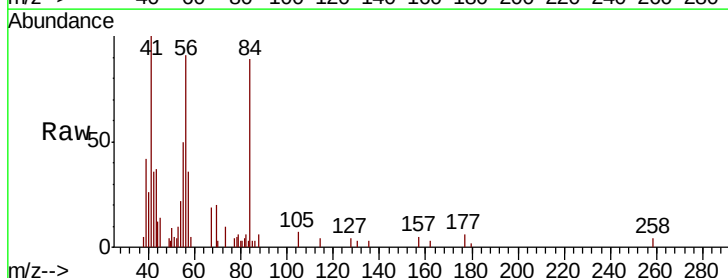
Tgt Ion: 84 Resp: 3247

Ion Ratio Lower Upper

84 100

56 0.0 114.6 171.8#

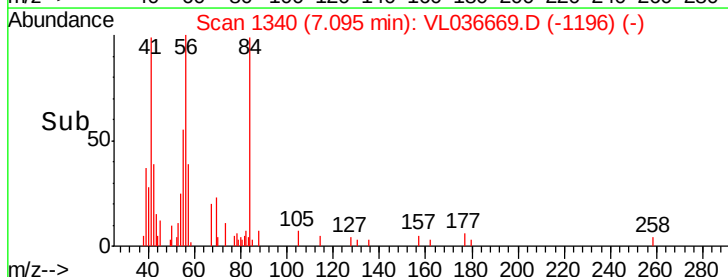
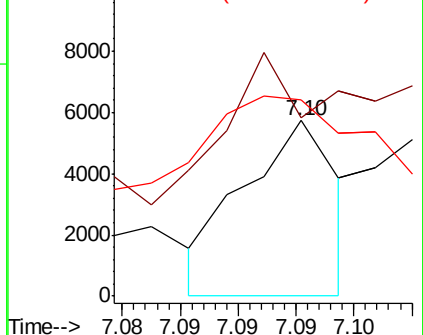
41 324.1 75.3 112.9#

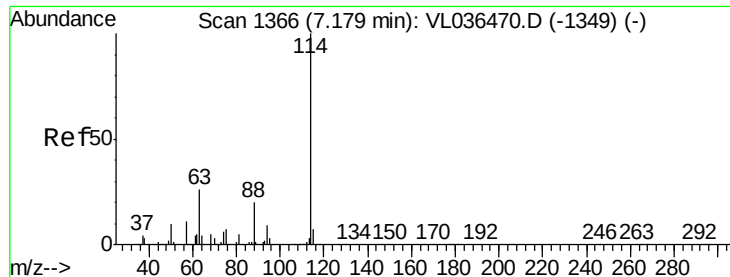


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

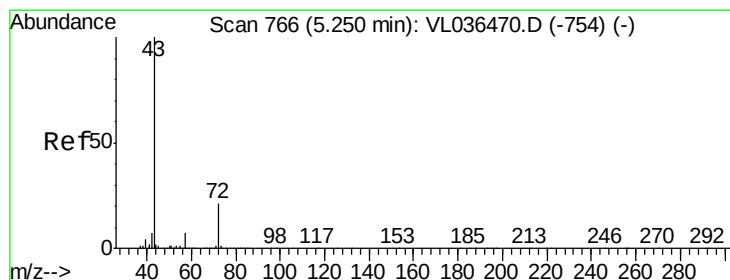
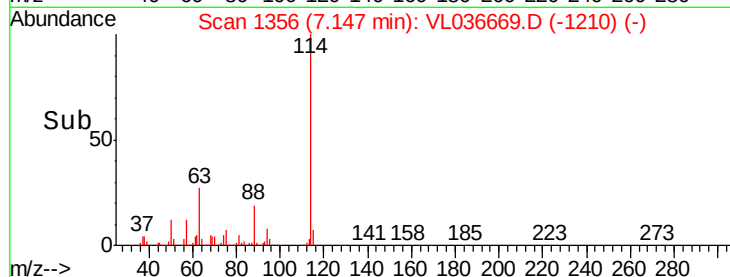
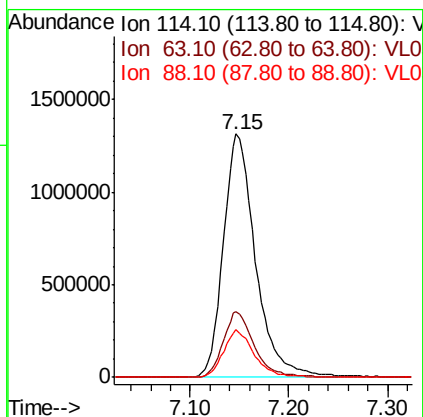
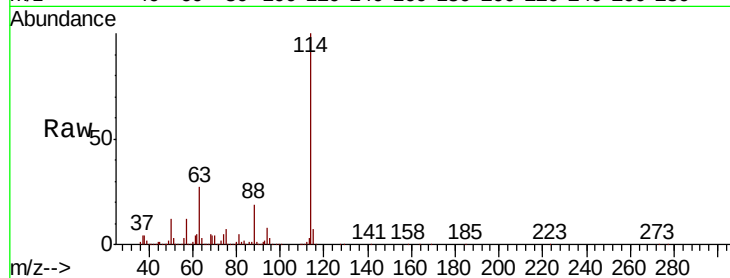




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

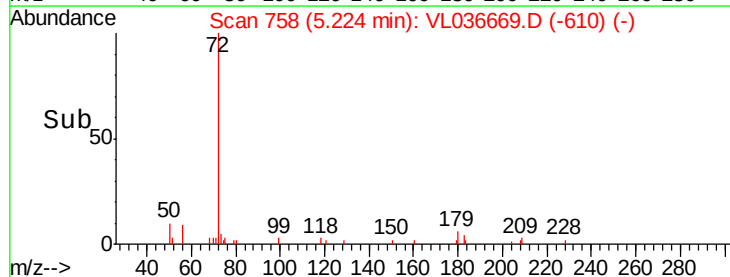
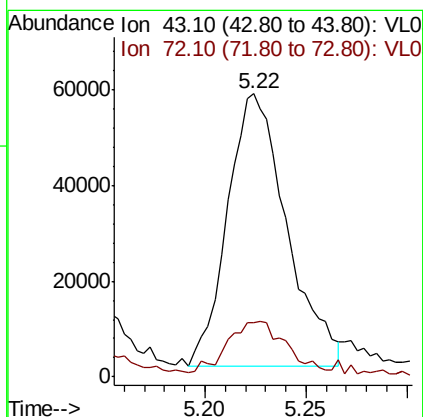
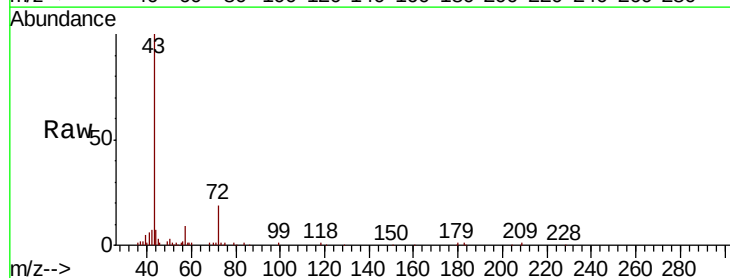
Instrument :
 MSVOA_L
 ClientSampleId :

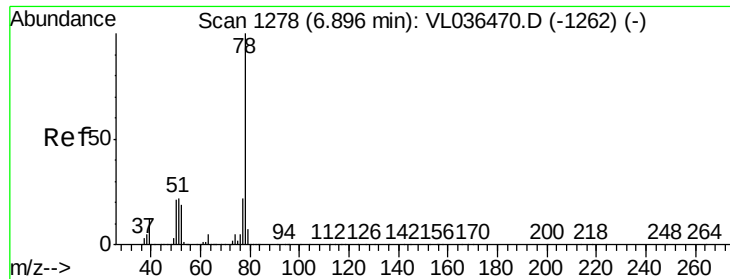
Tot Ion:114 Resp: 2995730
 Ion Ratio Lower Upper
 114 100
 63 26.4 22.4 33.6
 88 18.8 15.4 23.0



#34
 2-Butanone
 Concen: 0.798 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

Tgt Ion: 43 Resp: 116629
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.0 25.6

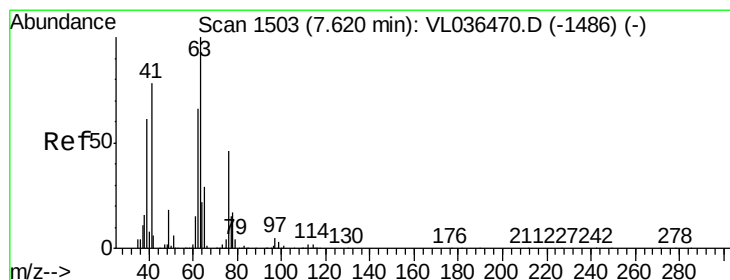
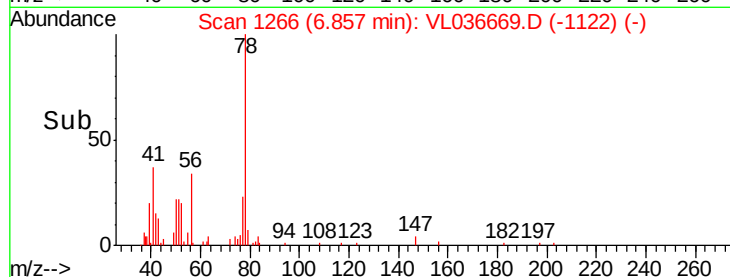
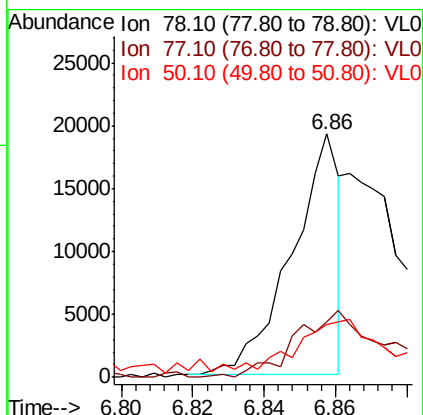
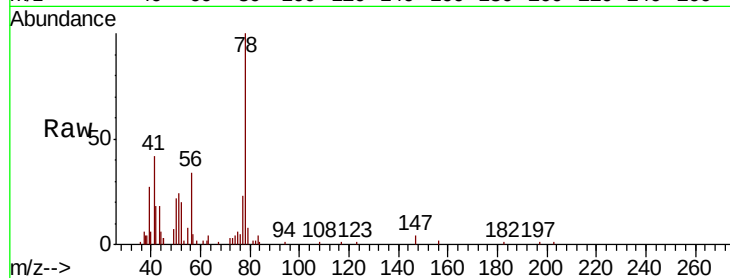




#36
Benzene
Concen: 0.064 ppbv
RT: 6.86 min Scan# 1266
Delta R.T. -0.04 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

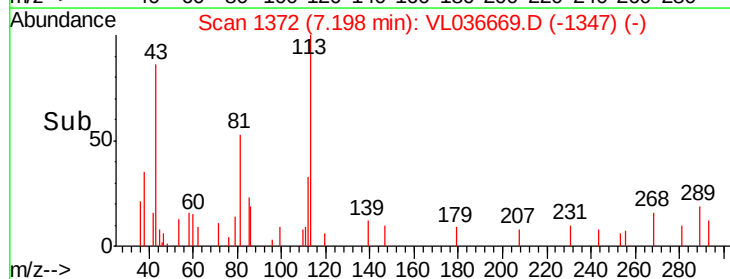
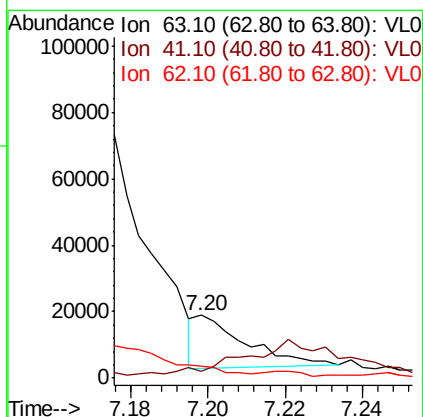
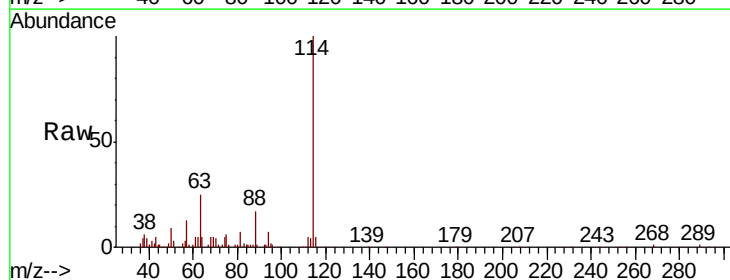
Instrument :
MSVOA_L
ClientSampleId :

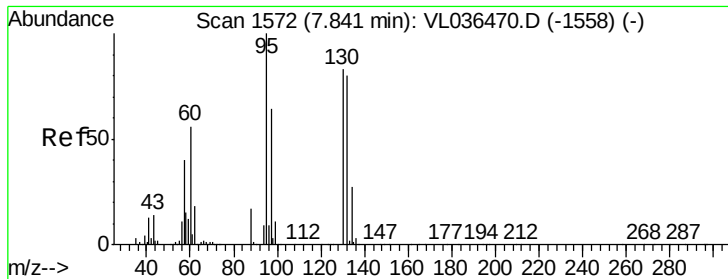
Tot Ion: 78 Resp: 17558
Ion Ratio Lower Upper
78 100
77 21.8 18.0 27.0
50 19.3 16.5 24.7



#39
1,2-Dichloropropane
Concen: 0.125 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.42 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion: 63 Resp: 14052
Ion Ratio Lower Upper
63 100
41 0.0 62.4 93.6#
62 19.5 52.8 79.2#

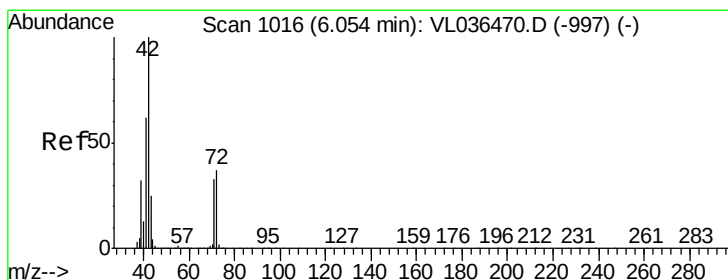
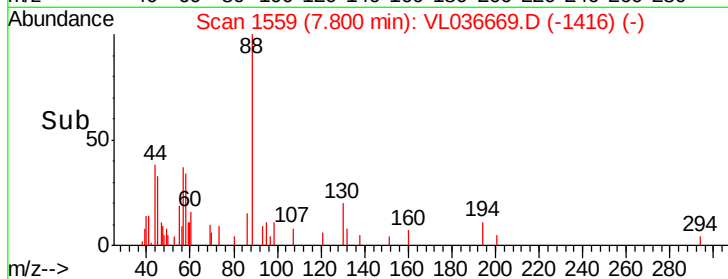
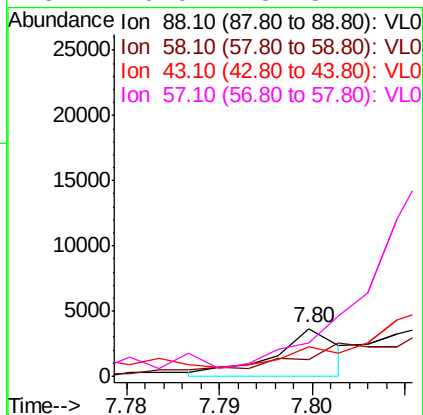
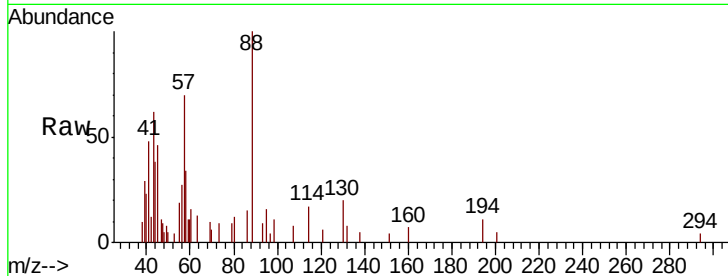




#40
1,4-Dioxane
Concen: 0.068 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.04 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

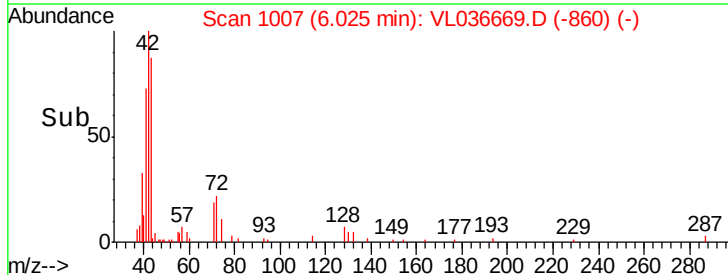
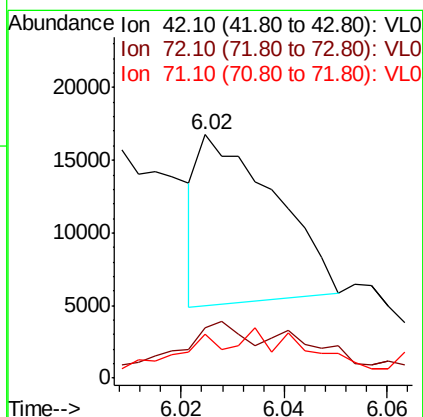
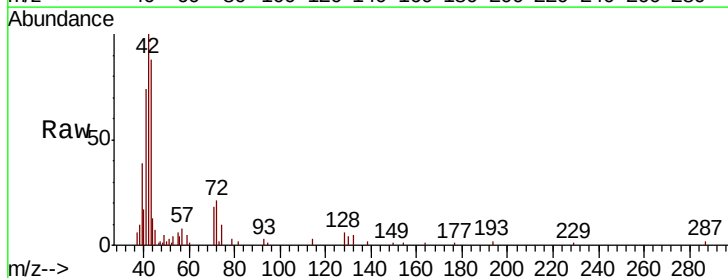
Instrument :
MSVOA_L
ClientSampled :

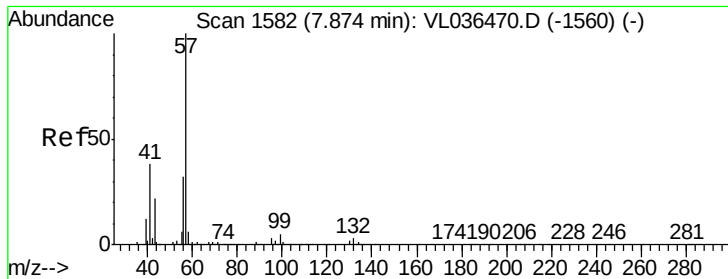
Tot Ion: 88 Resp: 1766
Ion Ratio Lower Upper
88 100
58 0.0 134.1 201.1#
43 0.0 346.6 520.0#
57 0.0 1481.8 2222.8#



#41
Tetrahydrofuran
Concen: 0.176 ppbv
RT: 6.02 min Scan# 1007
Delta R.T. -0.03 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion: 42 Resp: 11894
Ion Ratio Lower Upper
42 100
72 82.2 27.6 41.4#
71 60.0 27.0 40.4#

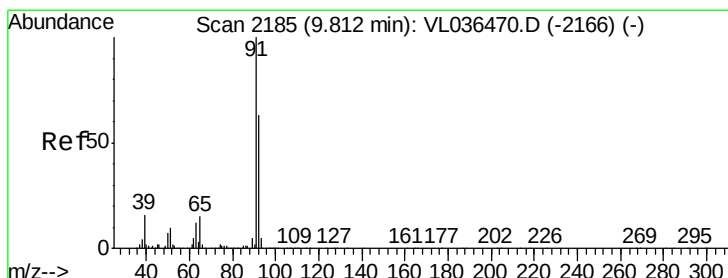
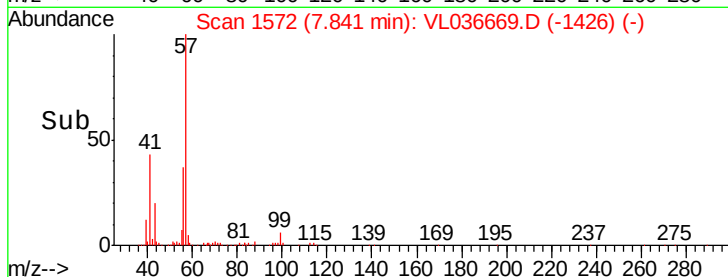
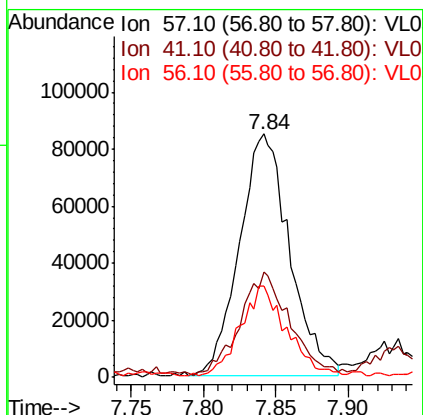
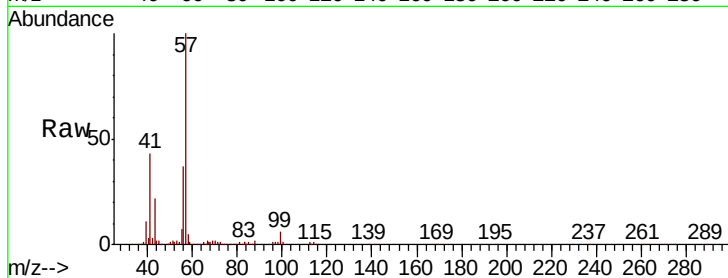




#44
 2,2,4-Trimethylpentane
 Concen: 0.421 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.03 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

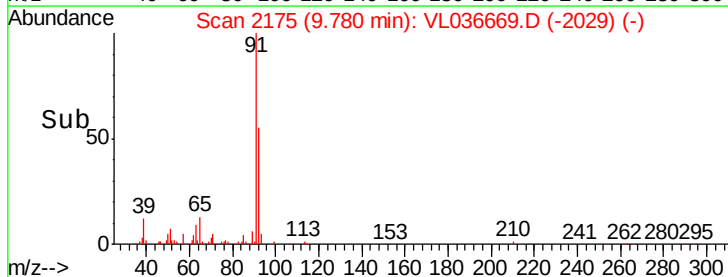
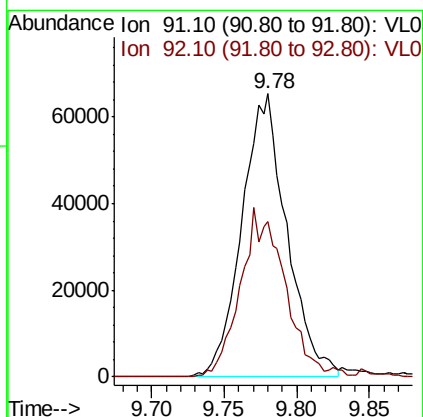
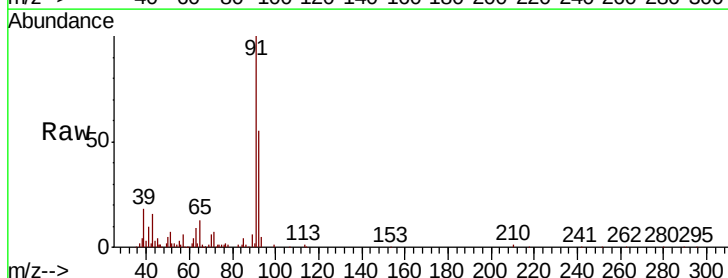
Instrument :
 MSVOA_L
 ClientSampleId :

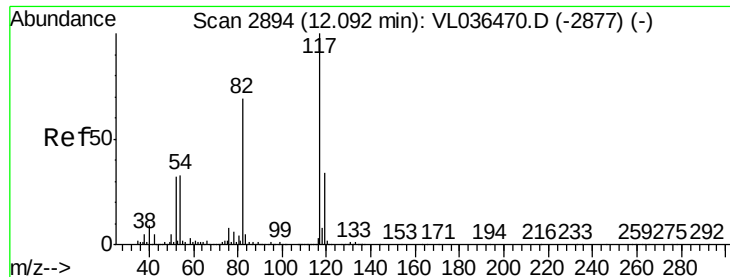
Tot Ion	57	Resp	204744
Ion Ratio	Lower	Upper	
57	100		
41	42.1	28.8	43.2
56	35.9	26.1	39.1



#53
 Toluene
 Concen: 0.478 ppbv
 RT: 9.78 min Scan# 2175
 Delta R.T. -0.03 min
 Lab File: VL036669.D
 Acq: 3 Apr 2021 6:56

Tgt Ion	91	Resp	140751
Ion Ratio	Lower	Upper	
91	100		
92	60.4	48.8	73.2

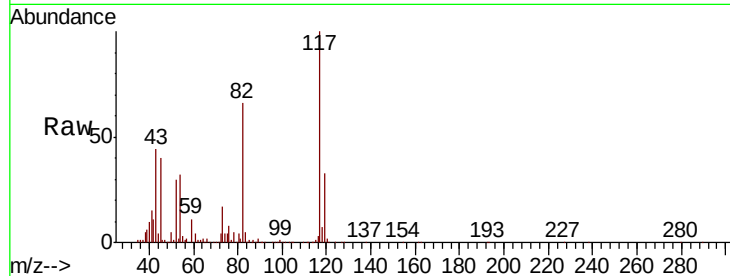




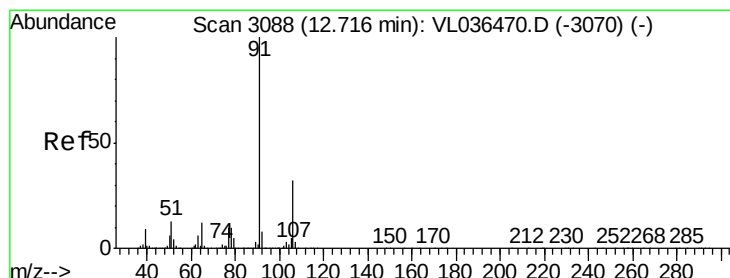
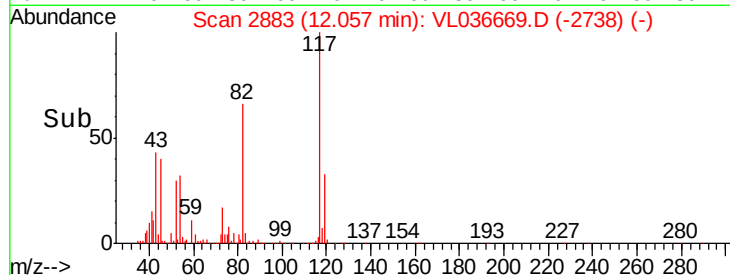
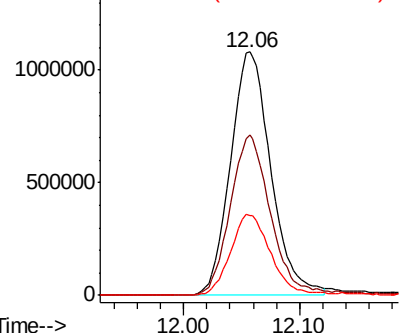
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 2619228
Ion Ratio Lower Upper
117 100
82 68.3 57.4 86.0
119 34.1 47.4 71.0#

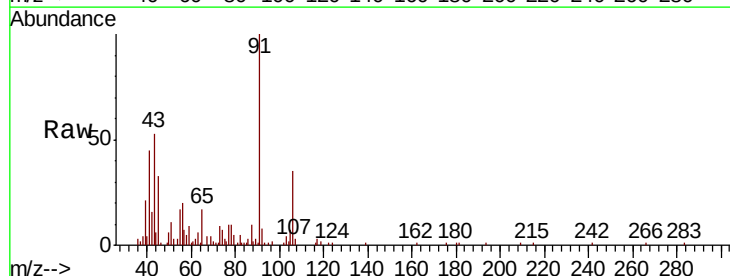


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

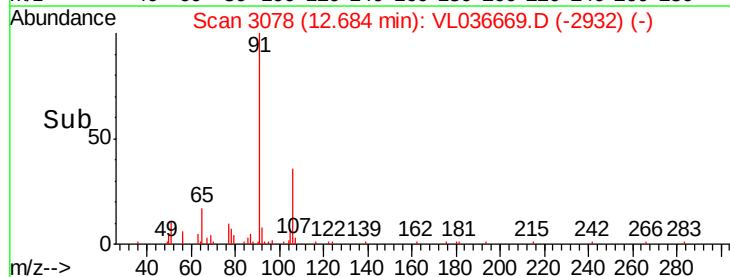
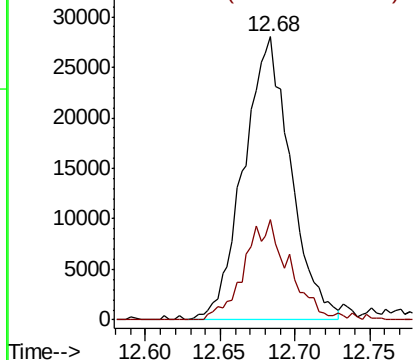


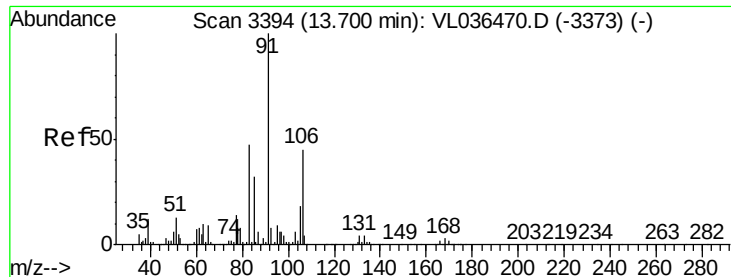
#58
Ethyl Benzene
Concen: 0.160 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.03 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion: 91 Resp: 61112
Ion Ratio Lower Upper
91 100
106 35.2 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

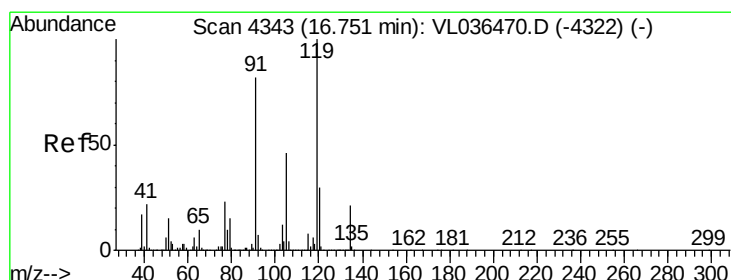
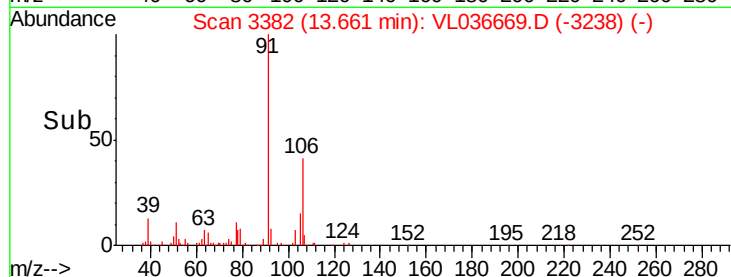
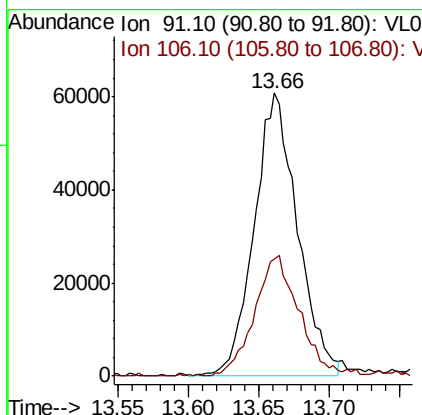
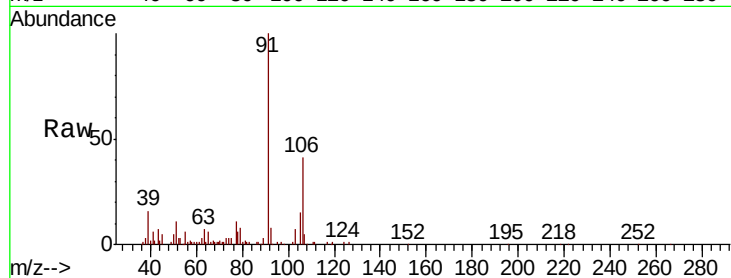




#60
o-Xylene
Concen: 0.406 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.04 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

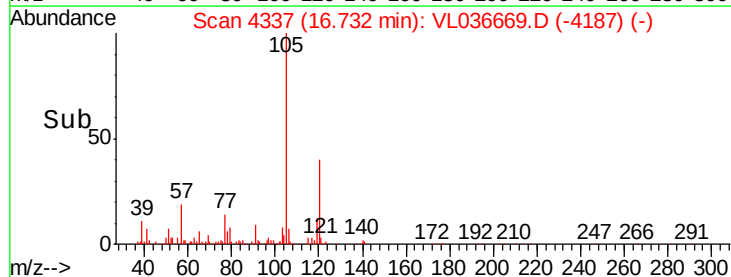
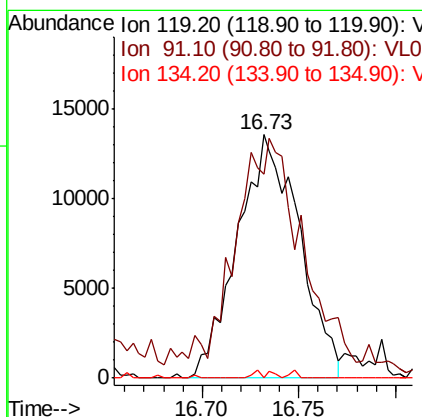
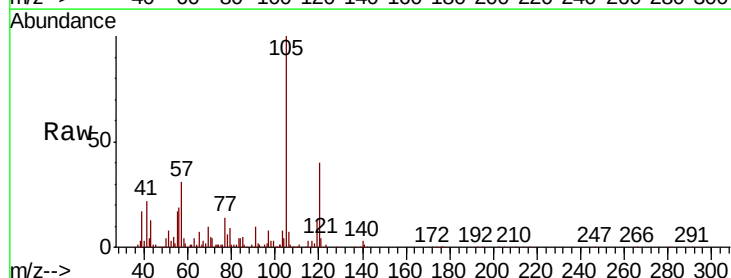
Instrument :
MSVOA_L
ClientSampleId :

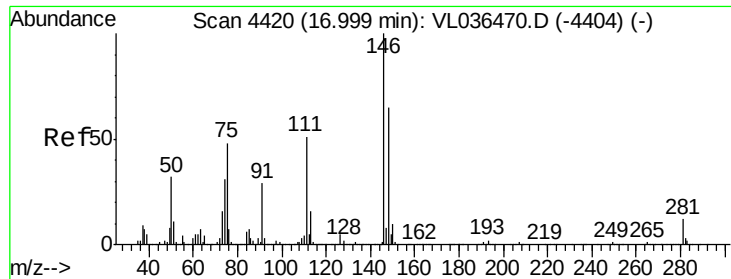
Tot Ion: 91 Resp: 130374
Ion Ratio Lower Upper
91 100
106 44.5 22.3 66.9



#65
tert-Butylbenzene
Concen: 0.080 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. -0.02 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion: 119 Resp: 30181
Ion Ratio Lower Upper
119 100
91 105.7 67.5 101.3#
134 1.2 15.8 23.8#

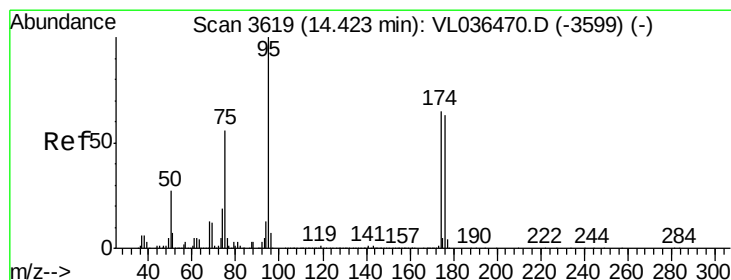
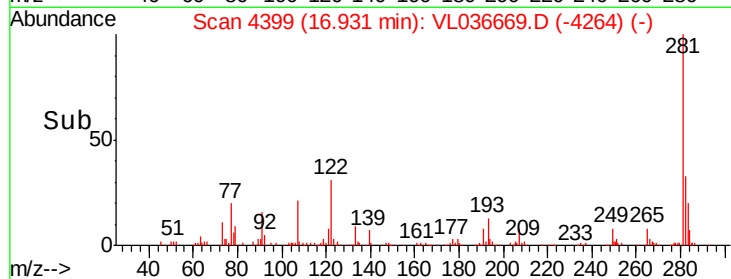
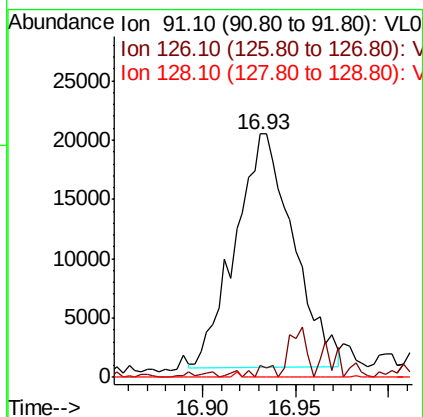
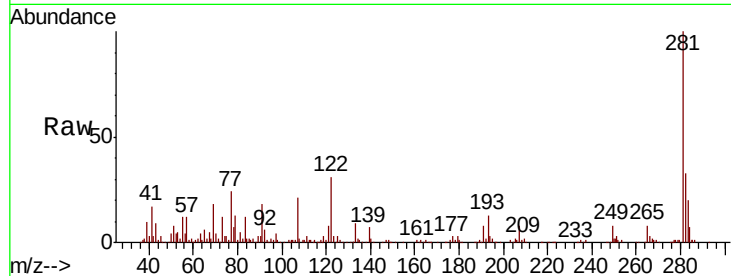




#66
Benzvl Chloride
Concen: 1.033 ppbv
RT: 16.93 min Scan# 4399
Delta R.T. -0.07 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

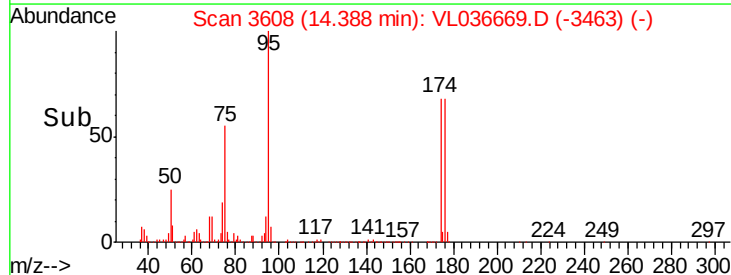
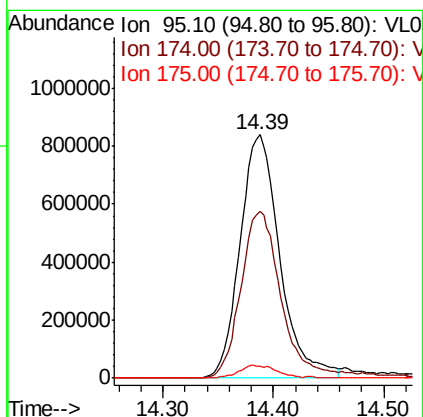
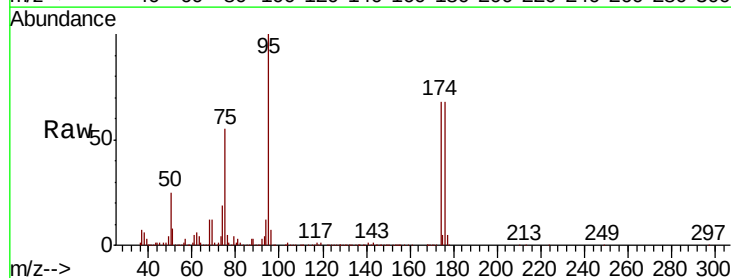
Instrument :
MSVOA_L
ClientSampleId :

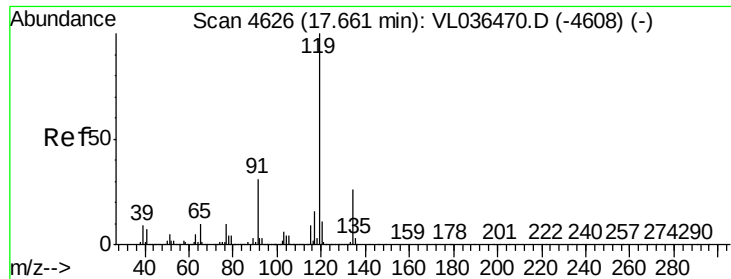
Tot Ion	91	Resp	42858
Ion Ratio	Lower	Upper	
91	100		
126	10.1	13.5	20.3#
128	0.0	4.2	6.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.067 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036669.D
Acq: 3 Apr 2021 6:56

Tgt Ion	95	Resp	2101435
Ion Ratio	Lower	Upper	
95	100		
174	72.1	51.0	76.6
175	5.2	3.9	5.9





#69

p-Isopropyltoluene

Concen: 0.276 ppbv

RT: 17.63 min Scan# 4616

Delta R.T. -0.03 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

ClientSampleId :

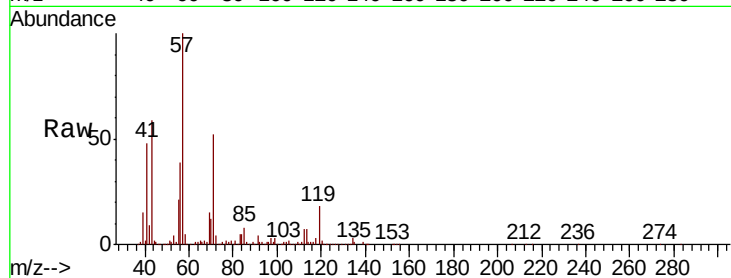
Tot Ion: 119 Resp: 114185

Ion Ratio Lower Upper

119 100

134 25.5 20.6 30.8

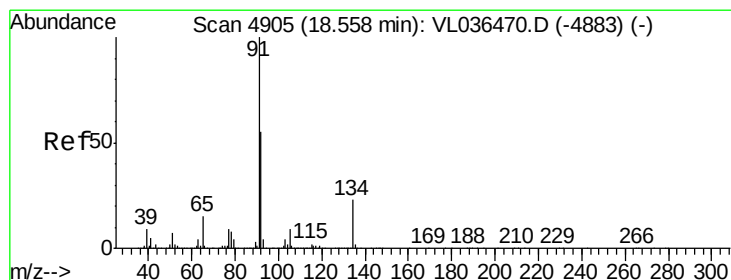
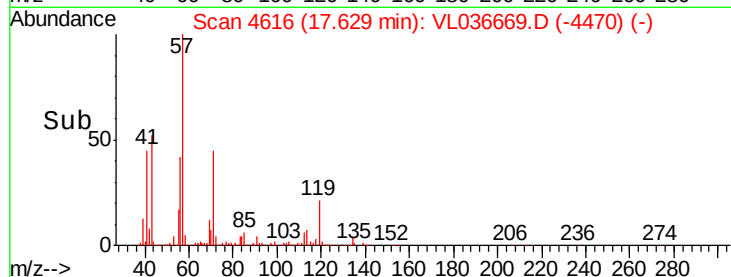
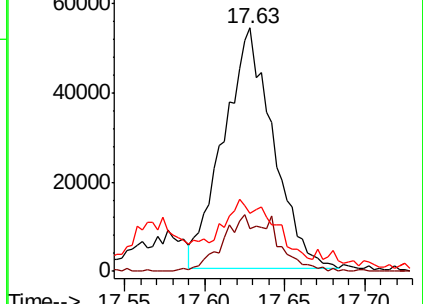
91 35.7 25.0 37.6



Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V



#70

n-Butylbenzene

Concen: 0.188 ppbv

RT: 18.54 min Scan# 4898

Delta R.T. -0.02 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

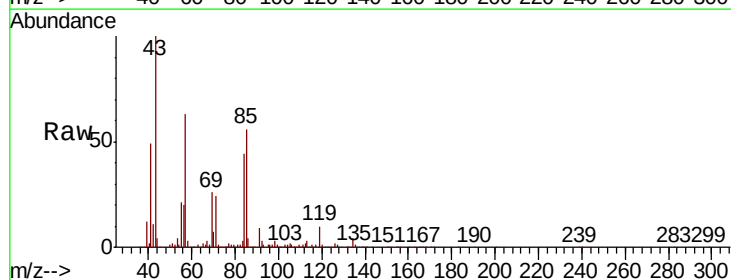
Tgt Ion: 91 Resp: 80426

Ion Ratio Lower Upper

91 100

92 59.6 43.8 65.8

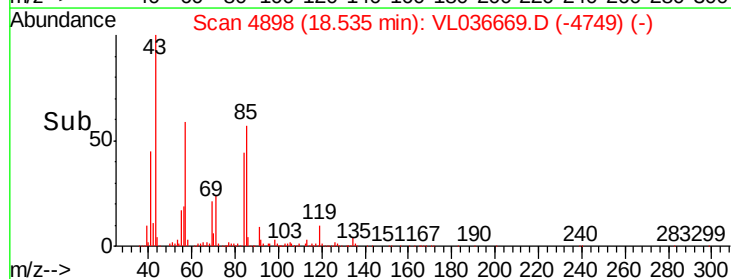
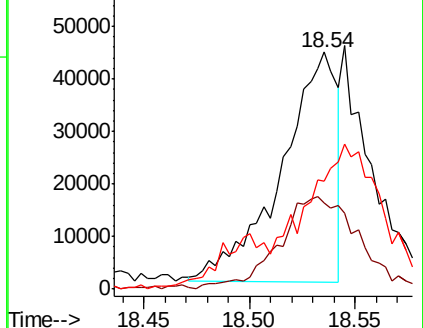
134 0.0 18.0 27.0#

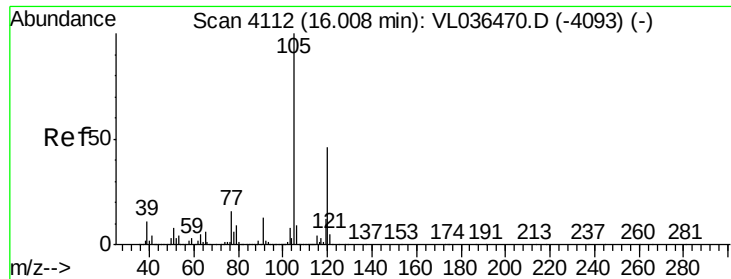


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V





#73

1,3,5-Trimethylbenzene

Concen: 0.099 ppbv

RT: 15.97 min Scan# 4099

Delta R.T. -0.04 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

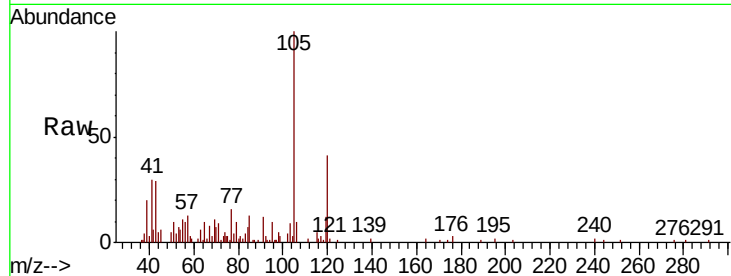
ClientSampleId :

Tot Ion:105 Resp: 32414

Ion Ratio Lower Upper

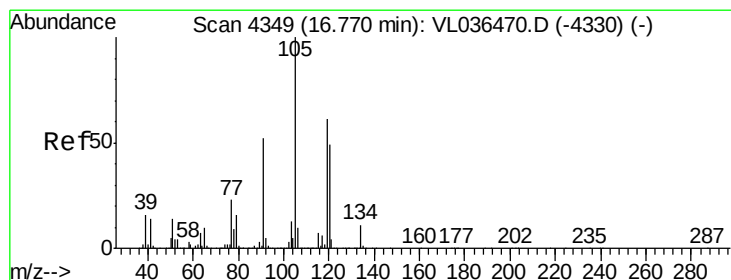
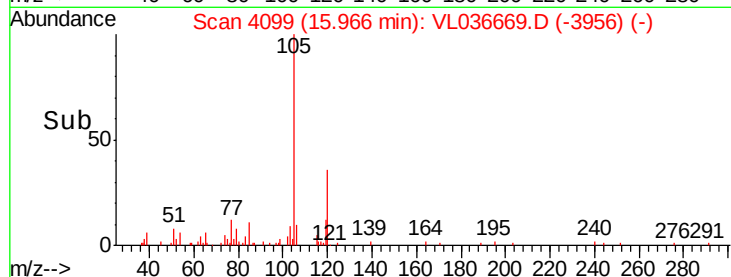
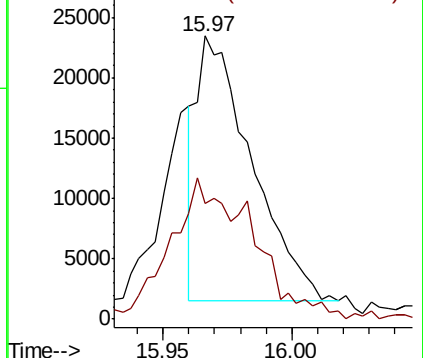
105 100

120 40.5 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.758 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.04 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Tgt Ion:105 Resp: 266780

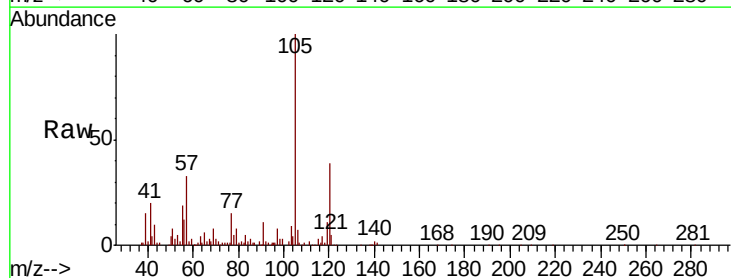
Ion Ratio Lower Upper

105 100

120 38.6 39.2 58.8#

91 10.8 42.6 64.0#

77 13.7 18.6 28.0#

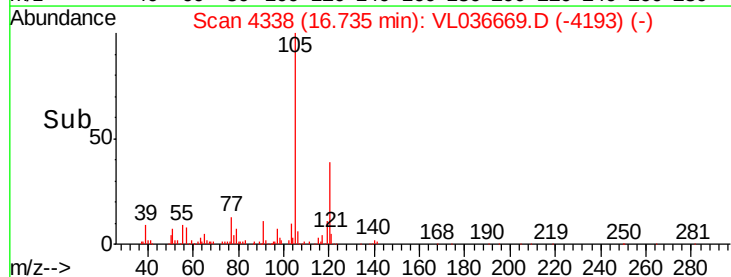
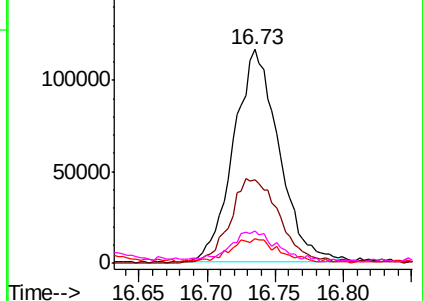


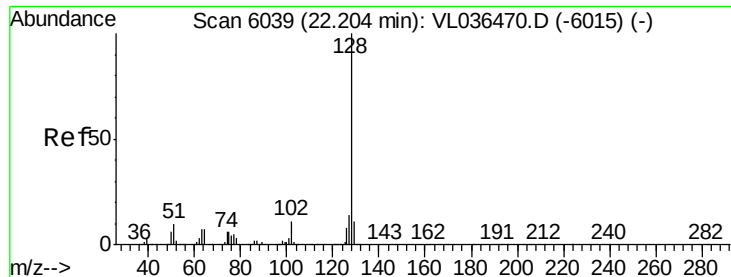
Abundance Ion 105.10 (104.80 to 105.80): V

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





#79

Naphthalene

Concen: 0.911 ppbv

RT: 22.18 min Scan# 6030

Delta R.T. -0.03 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

Instrument :

MSVOA_L

ClientSampleId :

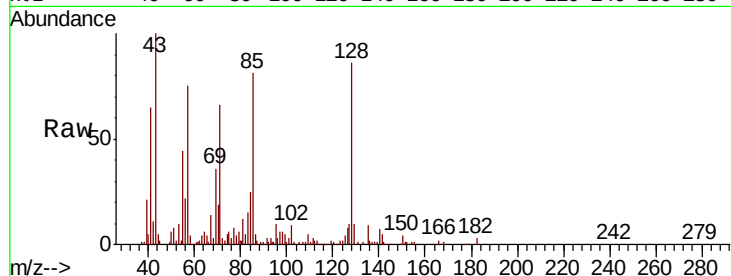
Tot Ion:128 Resp: 187058

Ion Ratio Lower Upper

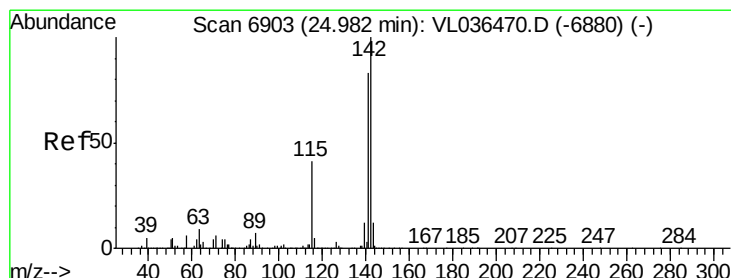
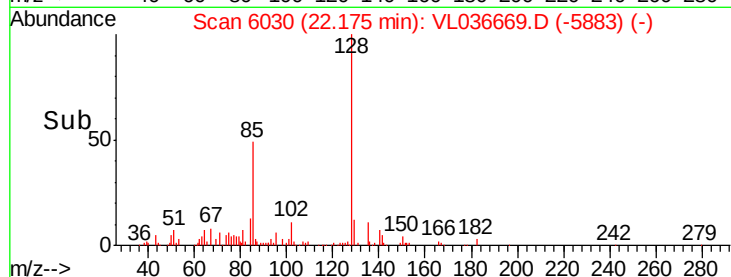
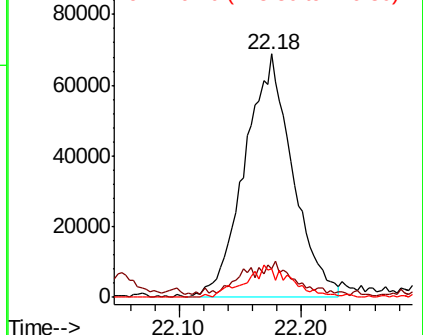
128 100

127 10.3 10.9 16.3#

129 11.7 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.056 ppbv

RT: 24.95 min Scan# 6893

Delta R.T. -0.03 min

Lab File: VL036669.D

Acq: 3 Apr 2021 6:56

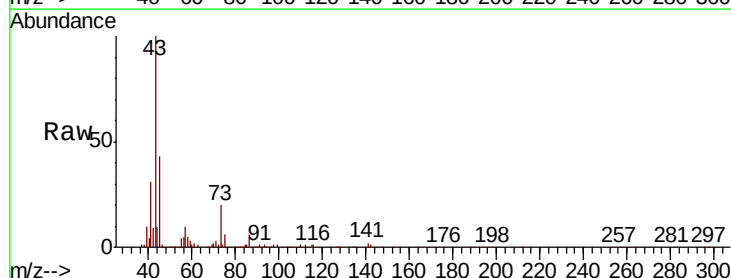
Tgt Ion:142 Resp: 2254

Ion Ratio Lower Upper

142 100

141 132.9 67.8 101.8#

115 63.5 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

