

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037503.D
 Acq On : 19 Aug 2021 17:56
 Operator : SY/AP
 Sample : M3480-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 20 00:21:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1416679	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4138928	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	3435930	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2383539	9.76	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

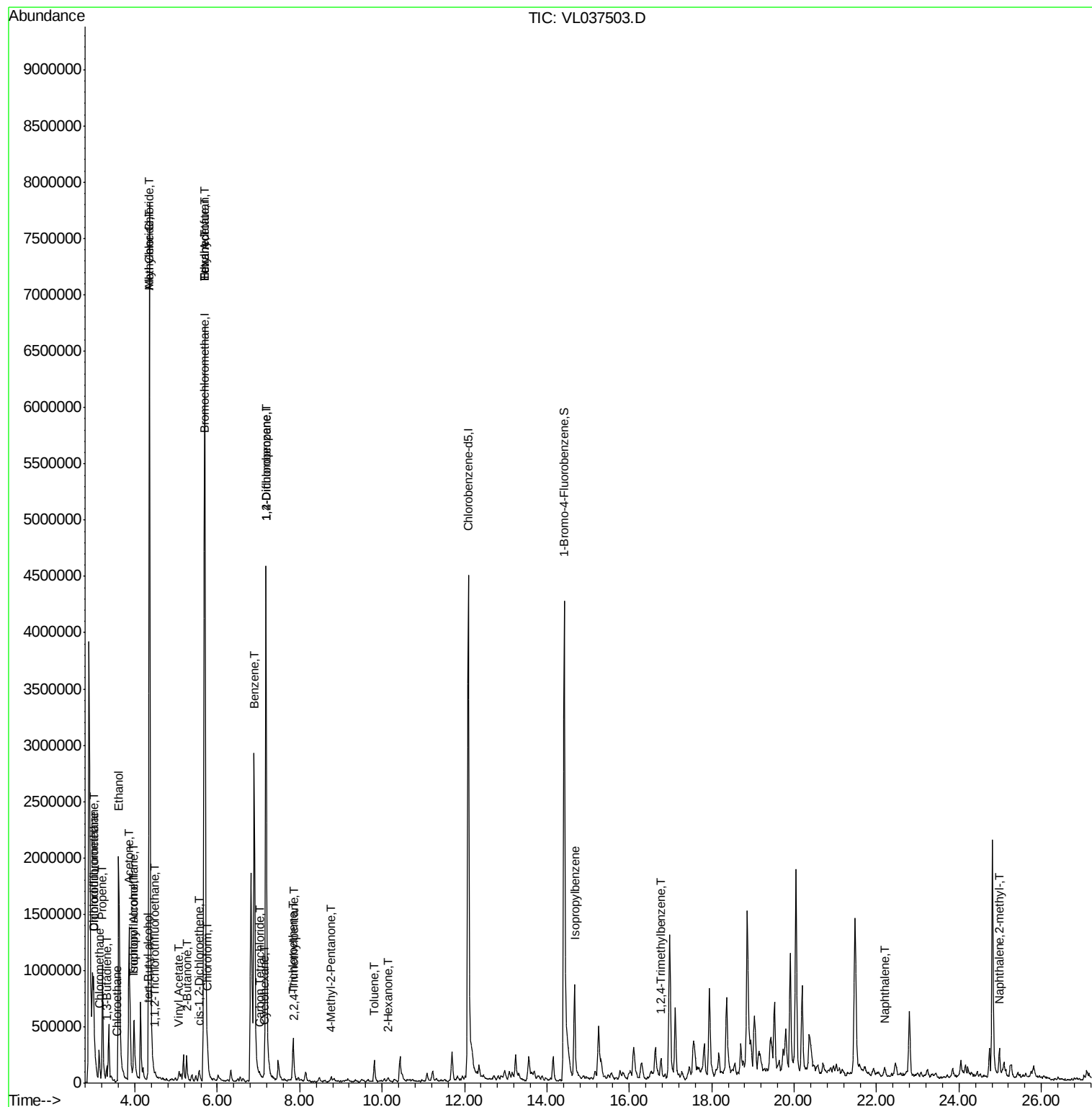
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	11266	0.050 ppbv	95
3) Chlorodifluoromethane	3.00	51	1547669	5.705 ppbv #	80
4) Chloromethane	3.15	50	34218	0.353 ppbv	98
7) Chloroethane	3.56	64	1287	0.038 ppbv	97
9) Propene	3.21	41	308357	3.177 ppbv	86
11) Trichlorofluoromethane	3.97	101	12135	0.057 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	6681	0.043 ppbv #	10
13) Ethanol	3.61	45	2911301	308.238 ppbv	97
15) Acetone	3.85	43	1861215	12.909 ppbv	95
16) 1,3-Butadiene	3.31	39	35226	0.381 ppbv #	19
17) tert-Butyl alcohol	4.31	59	50724	0.385 ppbv #	79
19) Isopropyl Alcohol	3.98	45	698197	8.453 ppbv #	95
20) Methylene Chloride	4.35	84	3408259	47.215 ppbv	98
21) Allyl Chloride	4.35	41	79237	0.677 ppbv #	36
23) Vinyl Acetate	5.07	43	72491	0.341 ppbv #	82
25) Ethyl Acetate	5.69	43	2060511	5.630 ppbv #	78
26) Hexane	5.70	57	2803181	15.664 ppbv #	46
29) Chloroform	5.76	83	93970	0.371 ppbv	97
30) Cyclohexane	7.13	84	7152	0.048 ppbv #	1
31) cis-1,2-Dichloroethene	5.56	61	57558	0.355 ppbv #	85
34) 2-Butanone	5.25	43	247312	1.463 ppbv #	83
35) Carbon Tetrachloride	7.02	117	8675	0.035 ppbv #	70
36) Benzene	6.90	78	2667388	7.666 ppbv	98
38) Trichloroethene	7.84	130	133054	0.932 ppbv	98
39) 1,2-Dichloropropane	7.18	63	942954	7.053 ppbv #	27
41) Tetrahydrofuran	5.69	42	1029045	12.639 ppbv #	49
44) 2,2,4-Trimethylpentane	7.87	57	33168	0.057 ppbv #	59
50) 4-Methyl-2-Pentanone	8.76	43	20815	0.094 ppbv #	57
51) 2-Hexanone	10.15	43	7323	0.072 ppbv #	27
53) Toluene	9.82	91	130821	0.329 ppbv	100
62) Isopropylbenzene	14.67	105	819131	1.504 ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	25348	0.056 ppbv #	60
79) Naphthalene	22.21	128	13018	0.043 ppbv #	63
80) Naphthalene,2-methyl-	24.98	142	11263	0.133 ppbv #	88

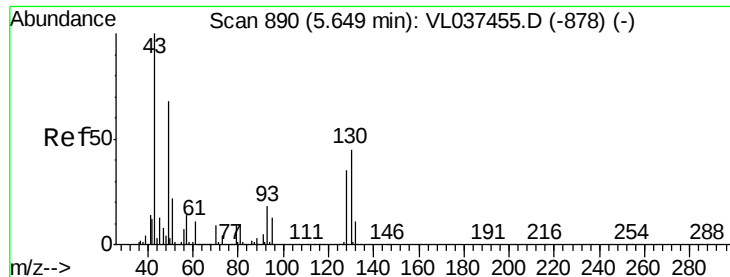
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
ClientSampled :

Quant Time: Aug 20 00:21:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

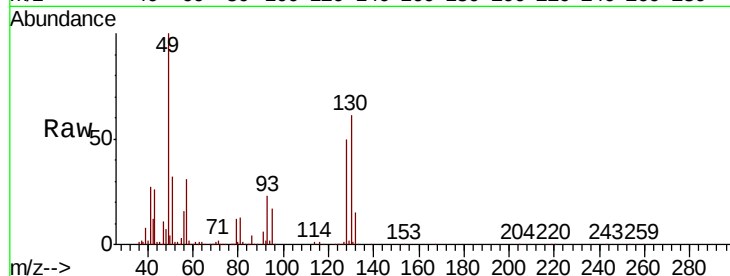
Tot Ion: 49 Resp: 1416679

Ion Ratio Lower Upper

49 100

128 52.0 27.5 82.4

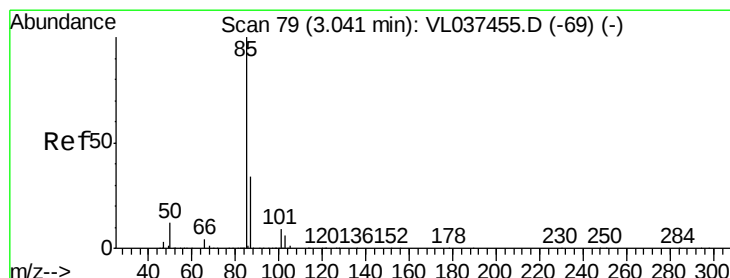
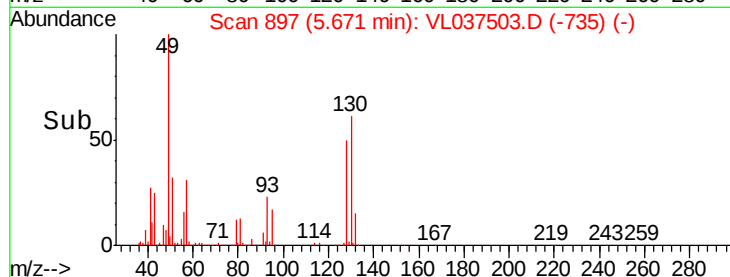
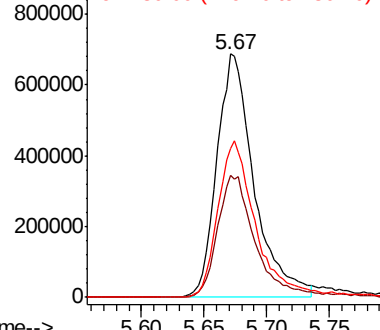
130 66.9 34.0 101.8



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: 0.050 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.05 min

Lab File: VL037503.D

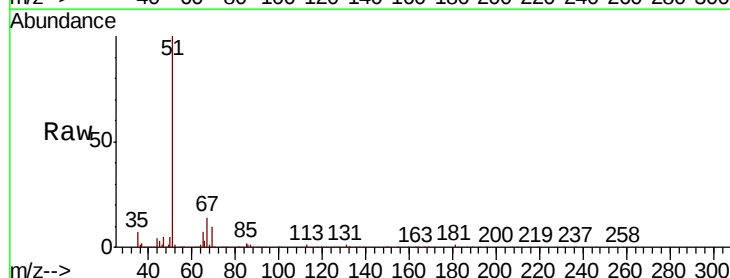
Acq: 19 Aug 2021 17:56

Tgt Ion: 85 Resp: 11266

Ion Ratio Lower Upper

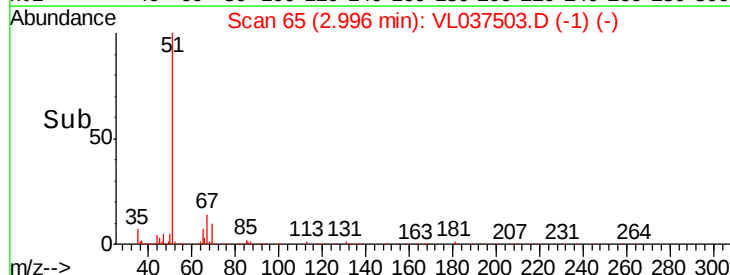
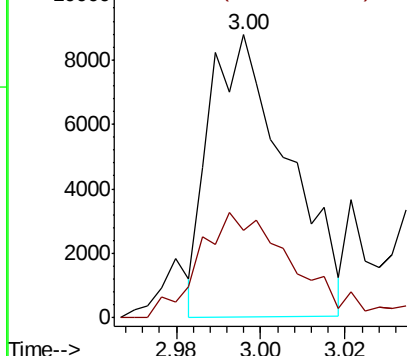
85 100

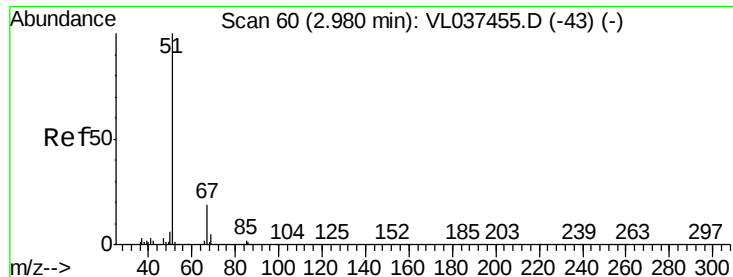
87 31.8 27.6 41.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

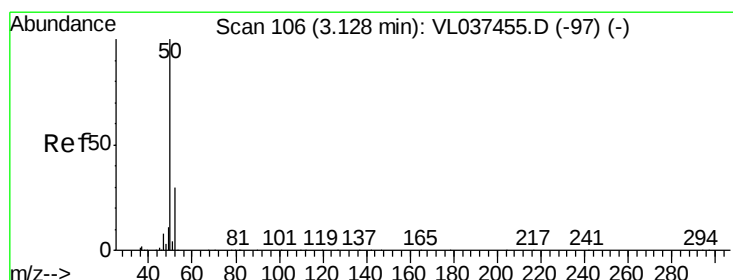
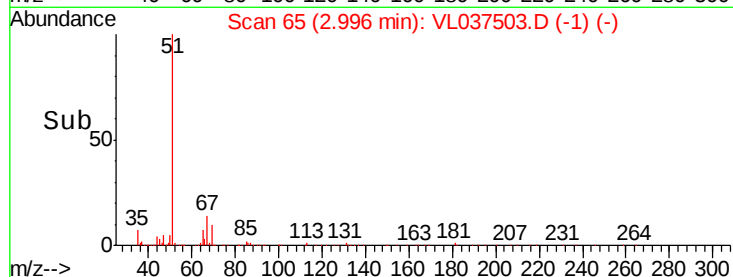
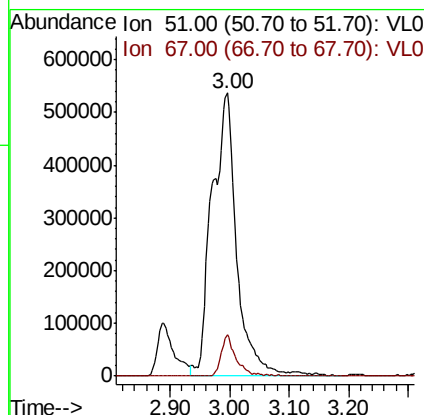
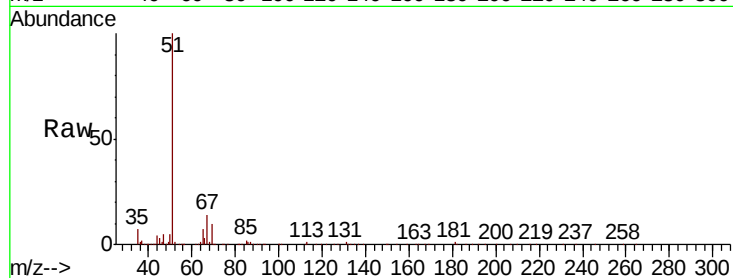




#3
 Chlorodifluoromethane
 Concen: 5.705 ppbv
 RT: 3.00 min Scan# 65
 Delta R.T. 0.02 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

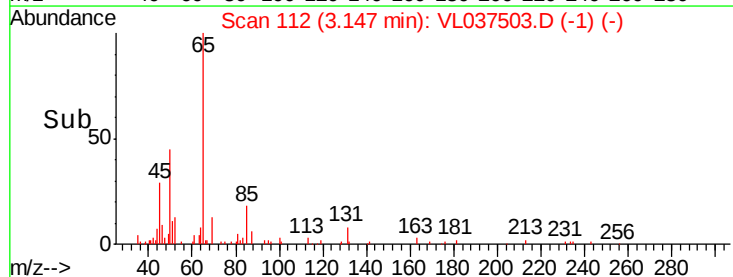
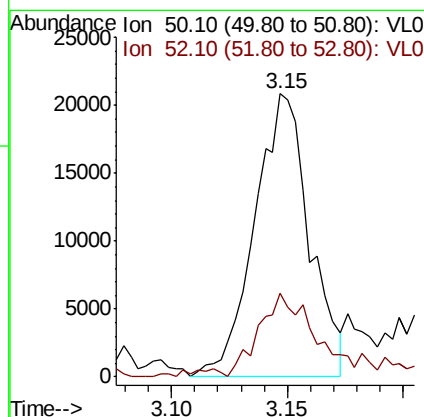
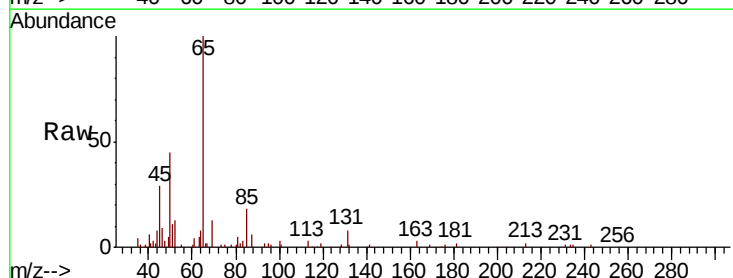
Instrument :
 MSVOA_L
 ClientSampleId :

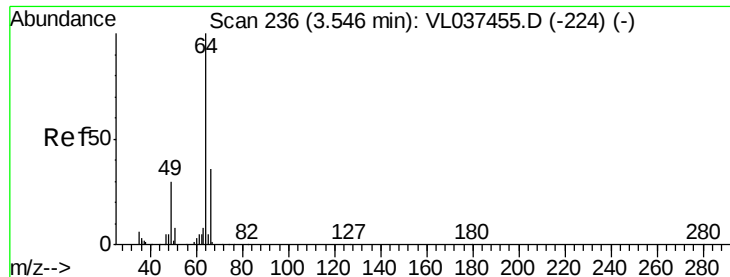
Tot Ion: 51 Resp: 1547669
 Ion Ratio Lower Upper
 51 100
 67 9.0 14.2 21.2#



#4
 Chloromethane
 Concen: 0.353 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.02 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

Tgt Ion: 50 Resp: 34218
 Ion Ratio Lower Upper
 50 100
 52 28.8 24.0 36.0





#7

Chloroethane

Concen: 0.038 ppbv

RT: 3.56 min Scan# 239

Delta R.T. 0.01 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

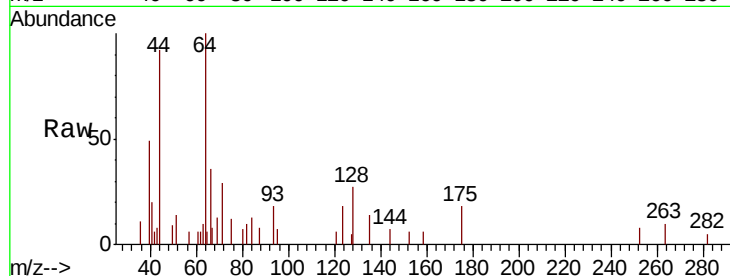
ClientSampleId :

Tot Ion: 64 Resp: 1287

Ion Ratio Lower Upper

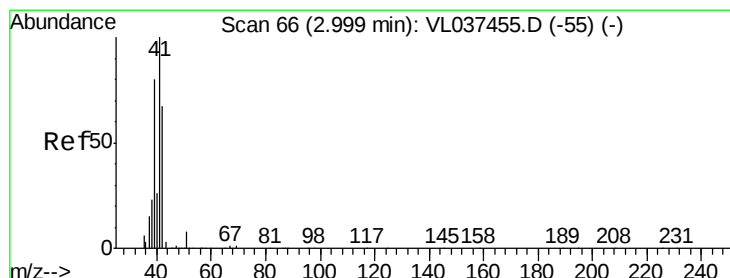
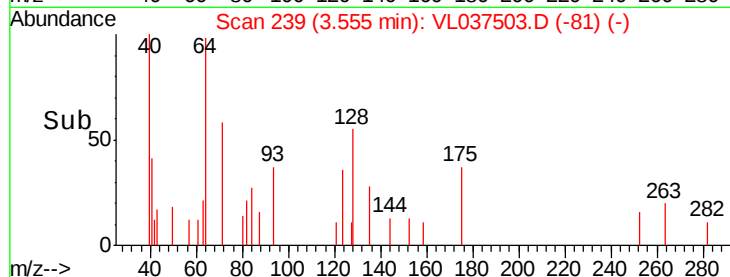
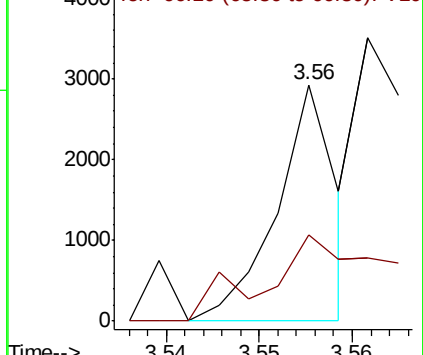
64 100

66 34.2 28.6 43.0



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 3.177 ppbv

RT: 3.21 min Scan# 132

Delta R.T. 0.21 min

Lab File: VL037503.D

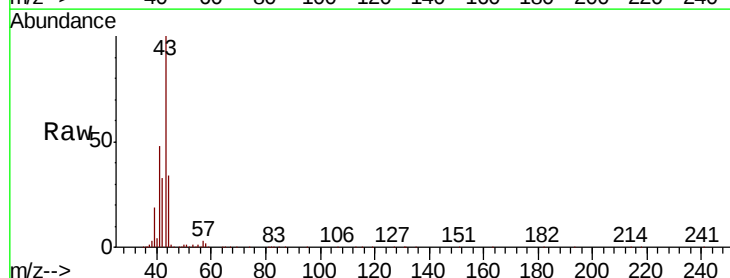
Acq: 19 Aug 2021 17:56

Tgt Ion: 41 Resp: 308357

Ion Ratio Lower Upper

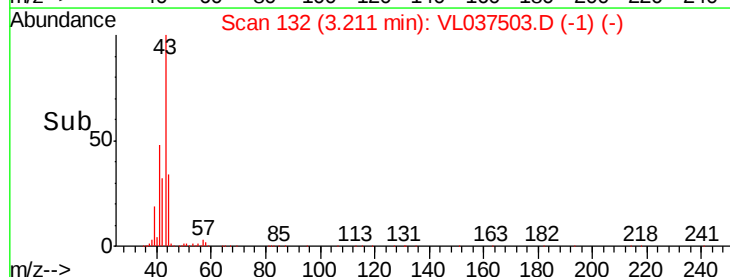
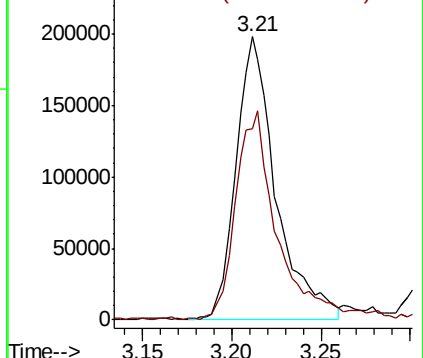
41 100

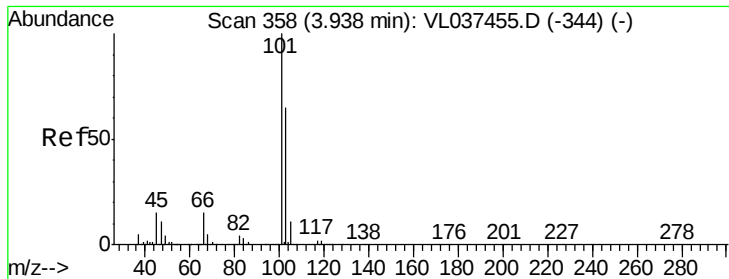
42 78.0 53.7 80.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

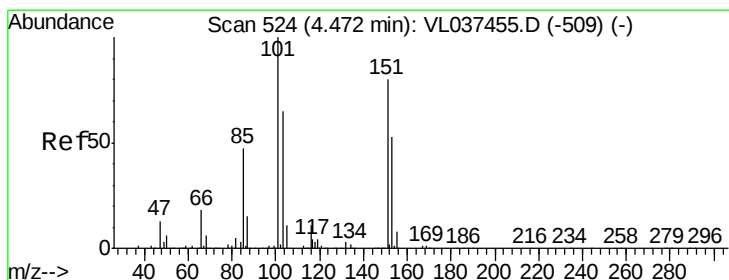
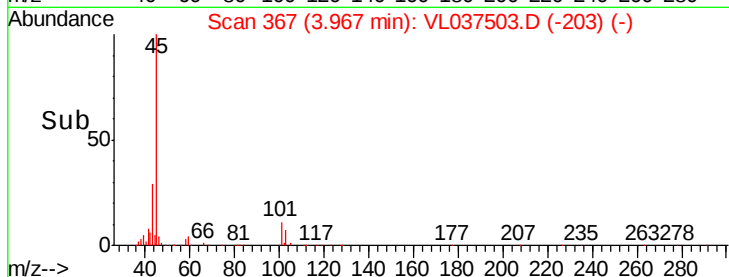
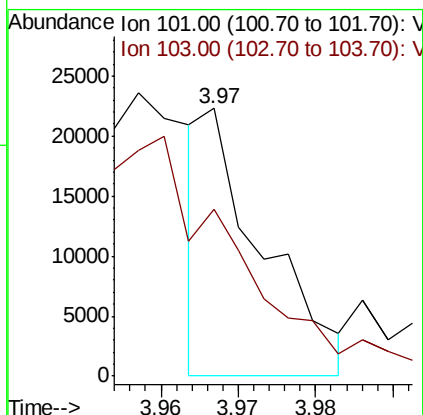
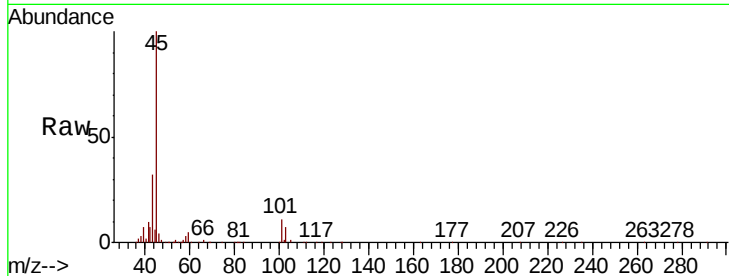




#11
 Trichlorofluoromethane
 Concen: 0.057 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. 0.03 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

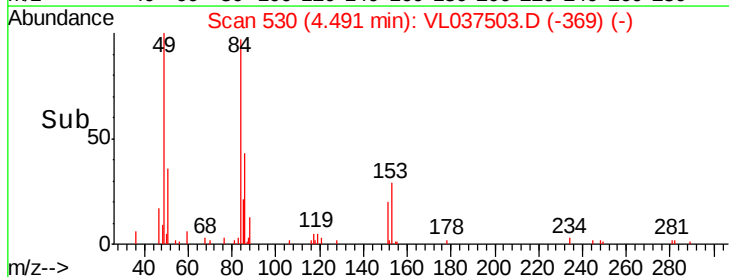
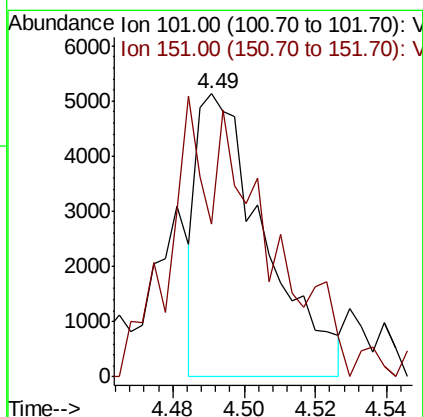
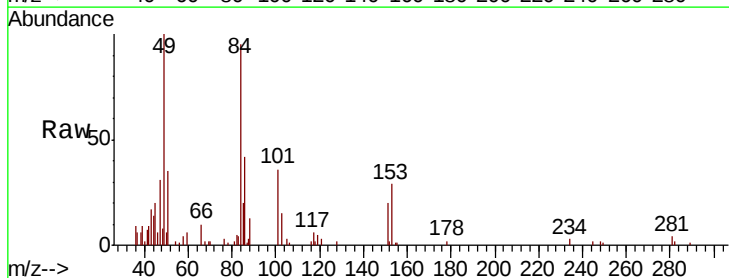
Instrument :
 MSVOA_L
 ClientSampled :

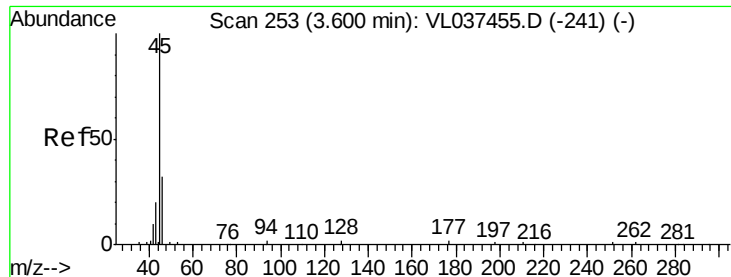
Tot Ion:101 Resp: 12135
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.043 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

Tgt Ion:101 Resp: 6681
 Ion Ratio Lower Upper
 101 100
 151 0.0 63.7 95.5#

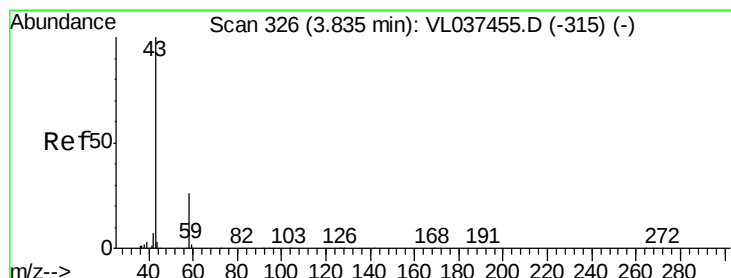
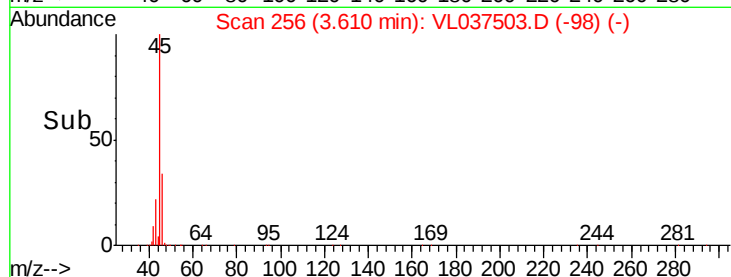
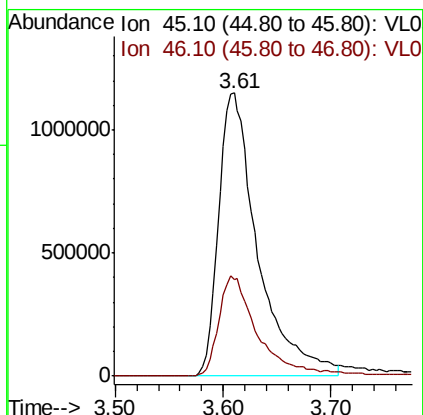
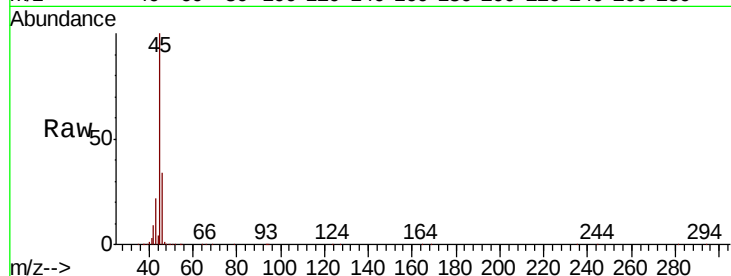




#13
Ethanol
Concen: 308.238 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

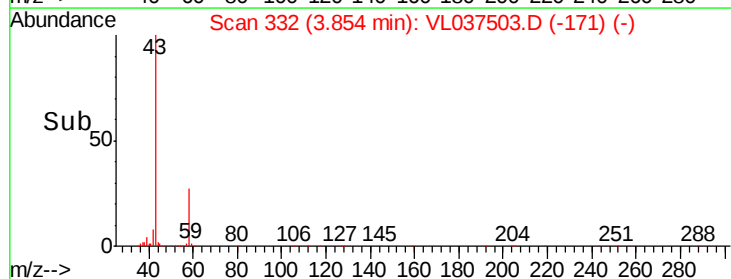
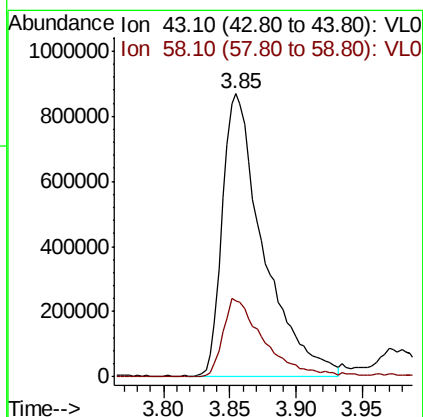
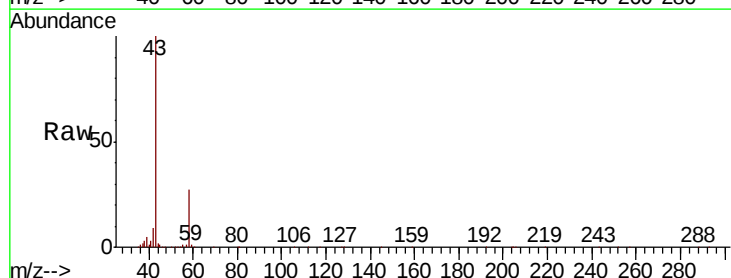
Instrument :
MSVOA_L
ClientSampleId :

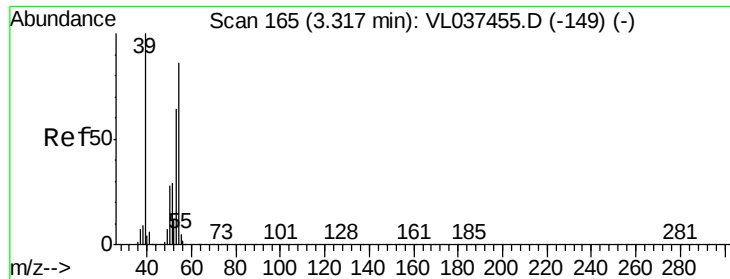
Tot Ion: 45 Resp: 2911301
Ion Ratio Lower Upper
45 100
46 36.8 14.1 56.5



#15
Acetone
Concen: 12.909 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 43 Resp: 1861215
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2

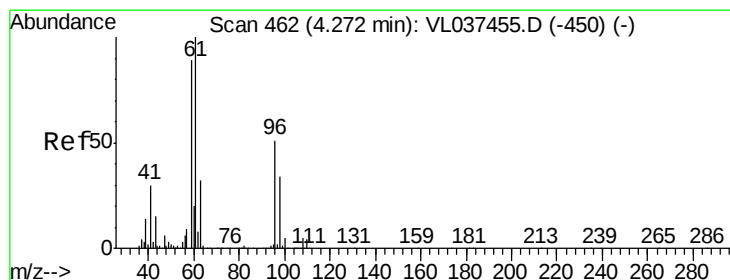
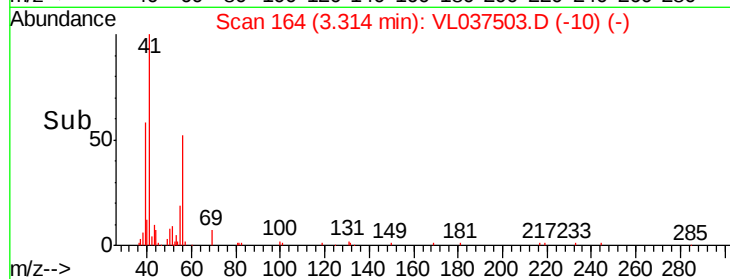
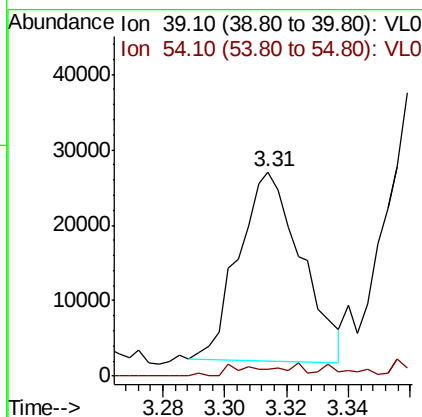
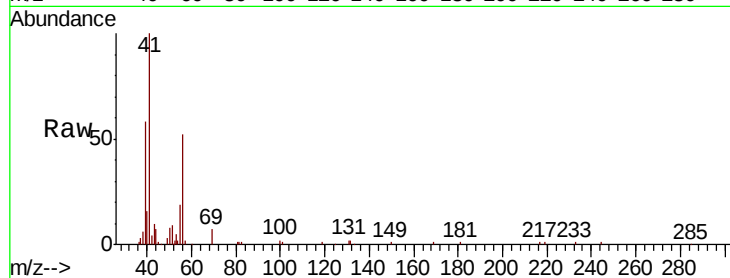




#16
1,3-Butadiene
Concen: 0.381 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.00 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

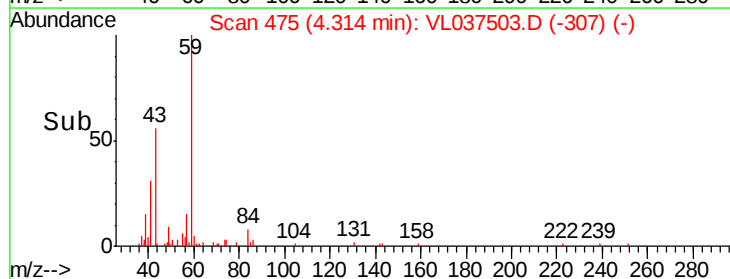
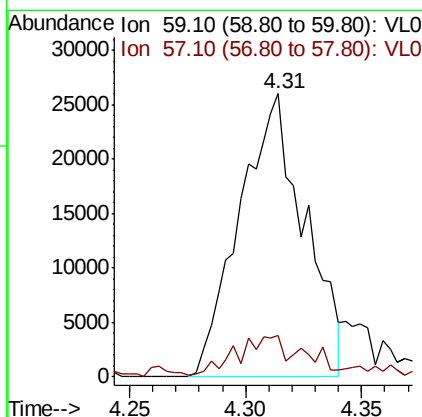
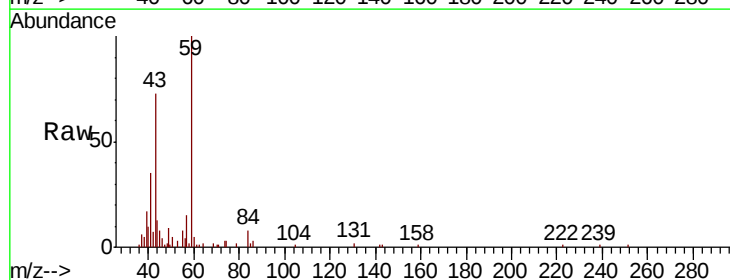
Instrument :
MSVOA_L
ClientSampleId :

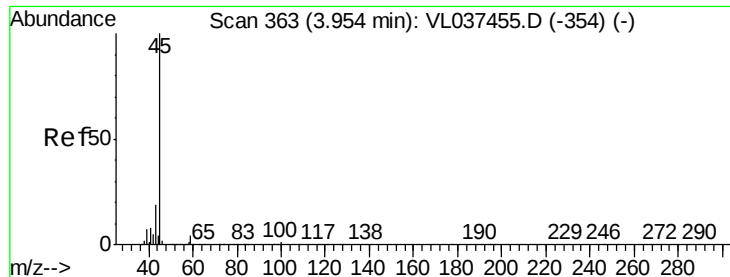
Tot Ion: 39 Resp: 35226
Ion Ratio Lower Upper
39 100
54 8.4 63.7 95.5#



#17
tert-Butyl alcohol
Concen: 0.385 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.04 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 59 Resp: 50724
Ion Ratio Lower Upper
59 100
57 18.2 8.3 12.5#





#19

Isopropyl Alcohol

Concen: 8.453 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

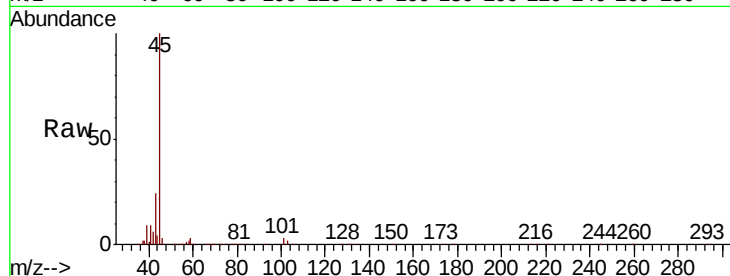
ClientSampleId :

Tot Ion: 45 Resp: 698197

Ion Ratio Lower Upper

45 100

58 3.6 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.98

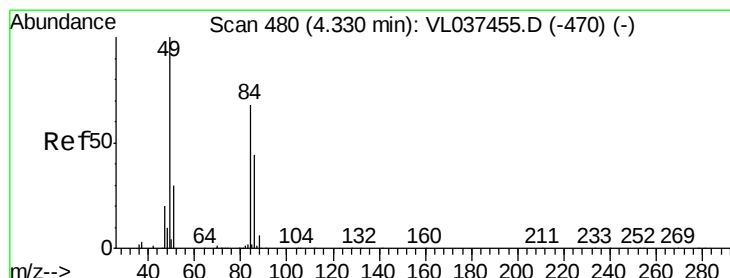
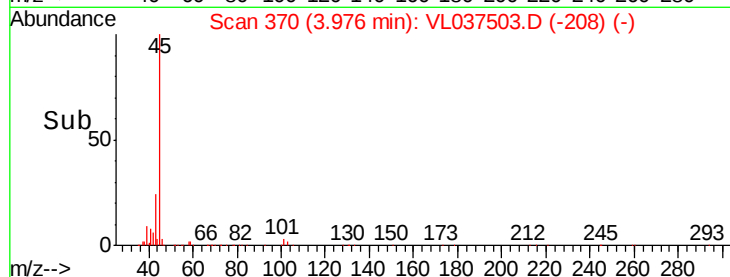
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 47.215 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Tgt Ion: 84 Resp: 3408259

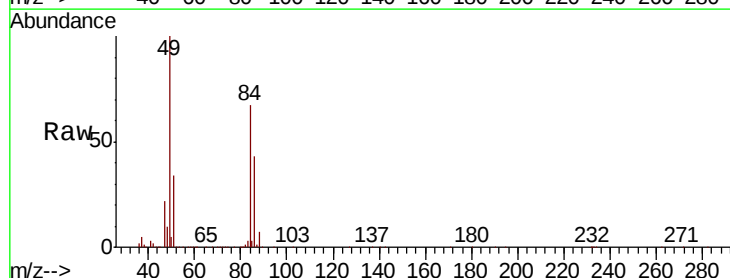
Ion Ratio Lower Upper

84 100

49 149.6 118.2 177.2

51 50.2 36.6 55.0

86 64.0 51.8 77.6



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

4000000

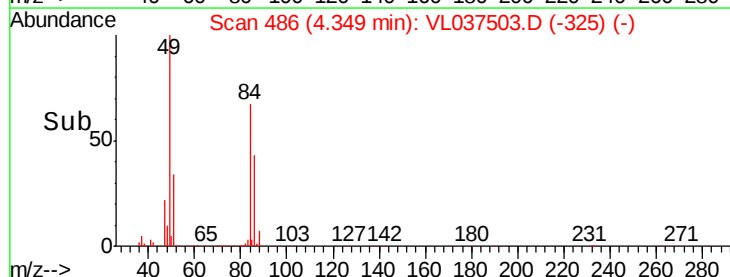
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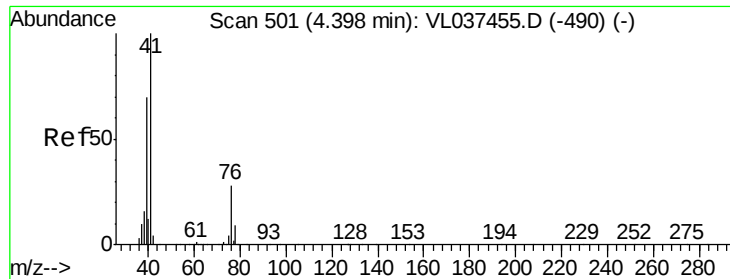
2000000

1000000

0

Time-->

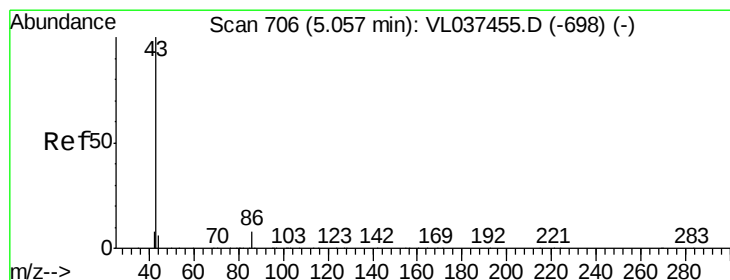
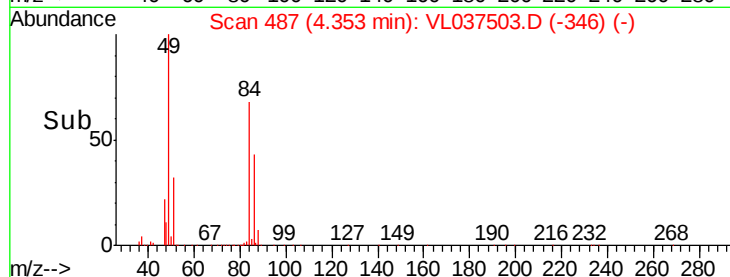
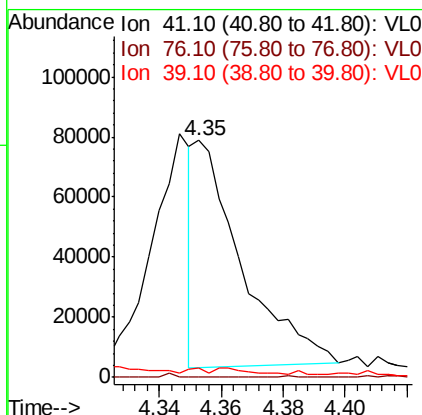
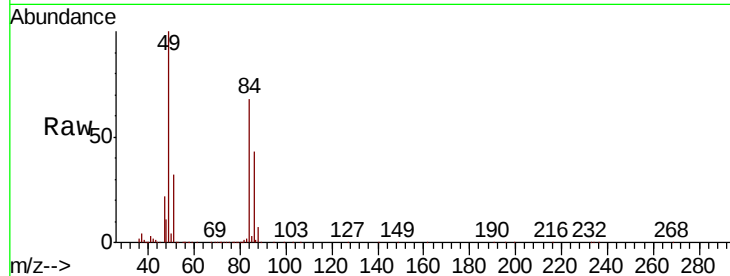




#21
Allvl Chloride
Concen: 0.677 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.05 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

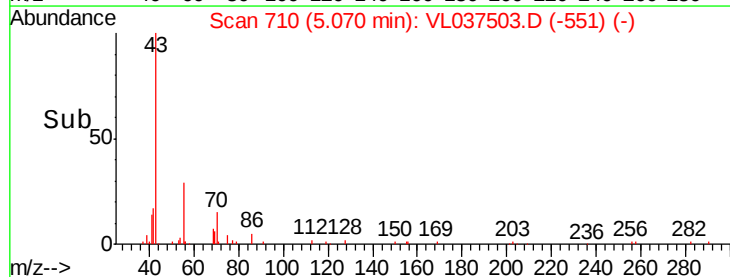
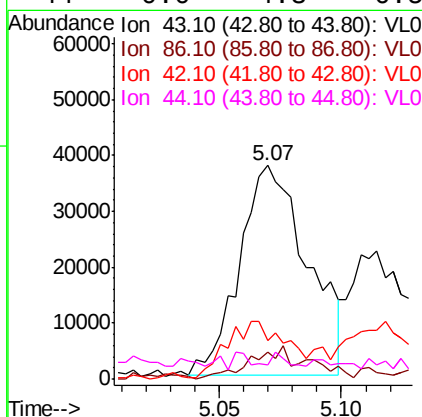
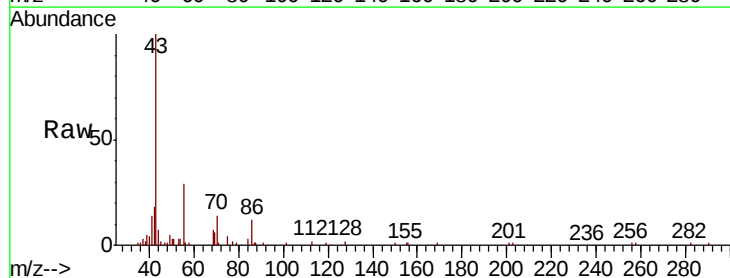
Instrument :
MSVOA_L
ClientSampled :

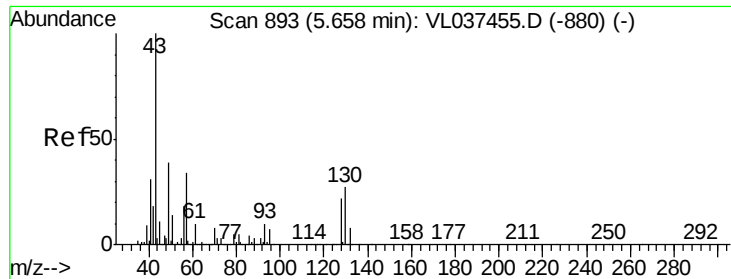
Tot Ion: 41 Resp: 79237
Ion Ratio Lower Upper
41 100
76 12.5 21.8 32.6#
39 7.3 56.8 85.2#



#23
Vinyl Acetate
Concen: 0.341 ppbv
RT: 5.07 min Scan# 710
Delta R.T. 0.01 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 43 Resp: 72491
Ion Ratio Lower Upper
43 100
86 11.2 5.7 8.5#
42 17.9 7.4 11.2#
44 0.0 4.3 6.5#

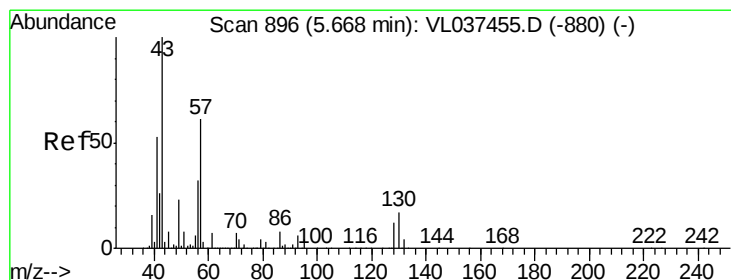
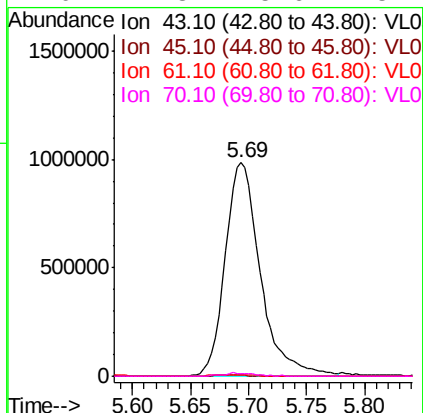
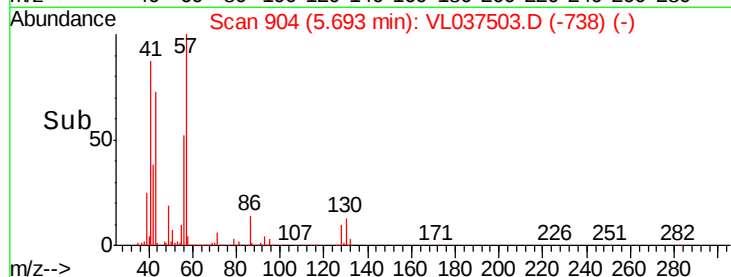
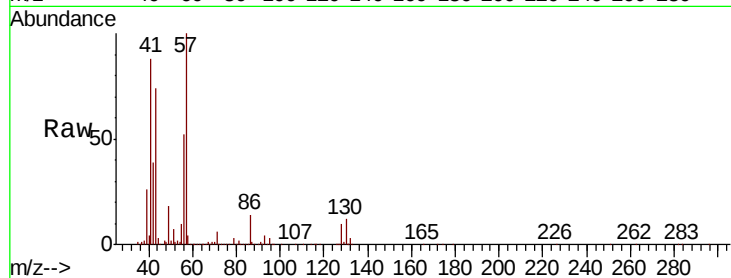




#25
Ethyl Acetate
Concen: 5.630 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.04 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

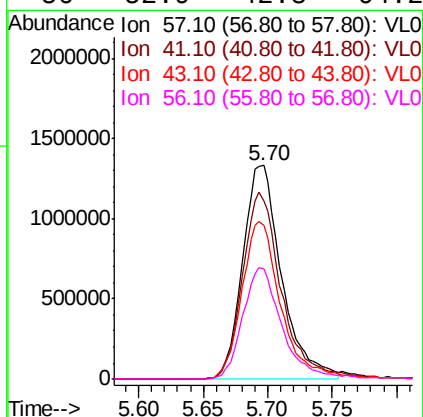
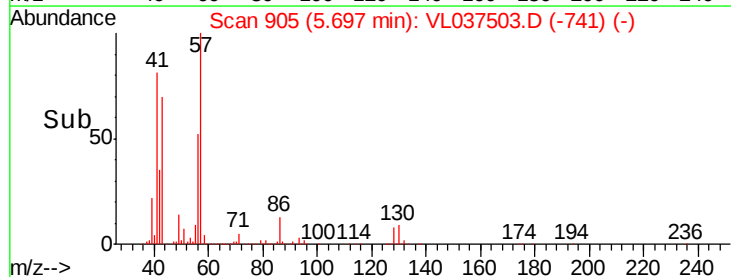
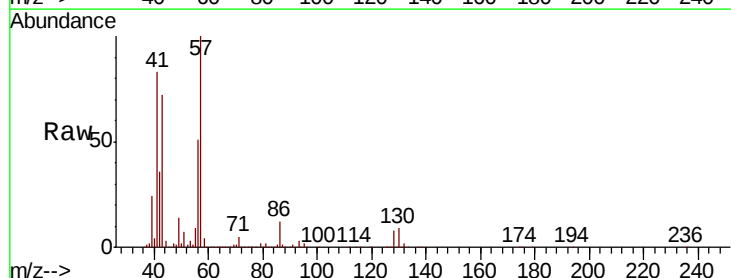
Instrument :
MSVOA_L
ClientSampleId :

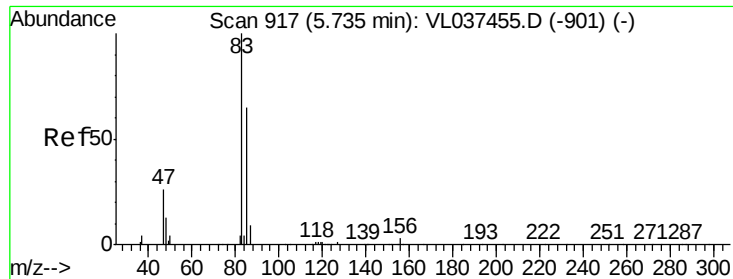
Tot Ion:	43	Resp:	2060511
Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.0	12.0#
61	0.7	8.0	12.0#
70	1.8	5.6	8.4#



#26
Hexane
Concen: 15.664 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion:	57	Resp:	2803181
Ion	Ratio	Lower	Upper
57	100		
41	88.2	72.3	108.5
43	74.7	172.3	258.5#
56	52.9	42.8	64.2

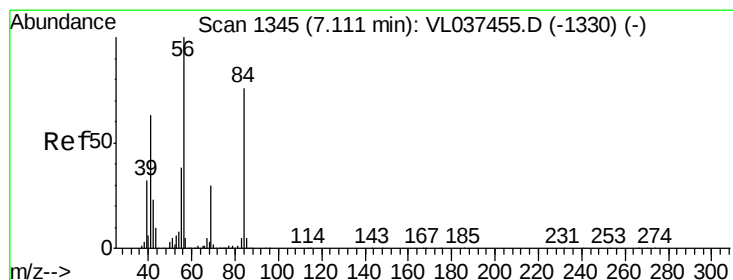
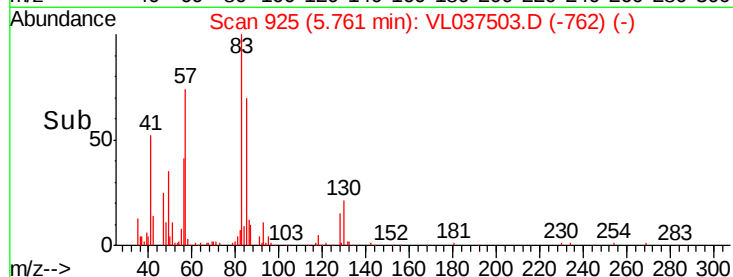
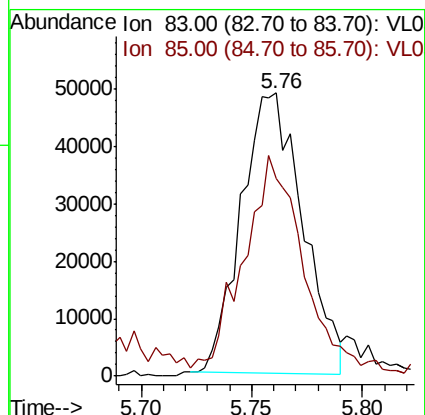
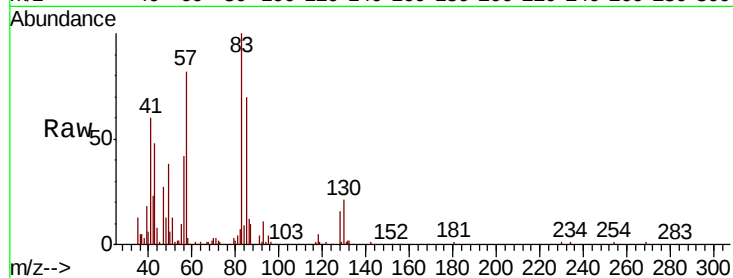




#29
Chloroform
Concen: 0.371 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.03 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

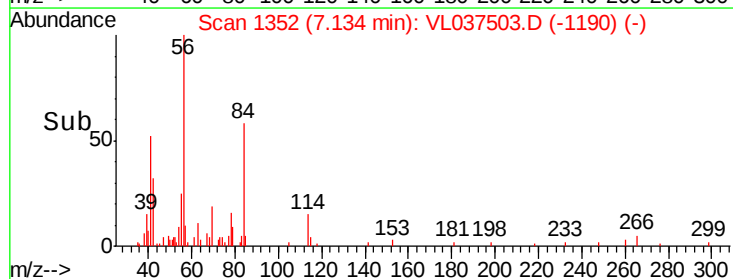
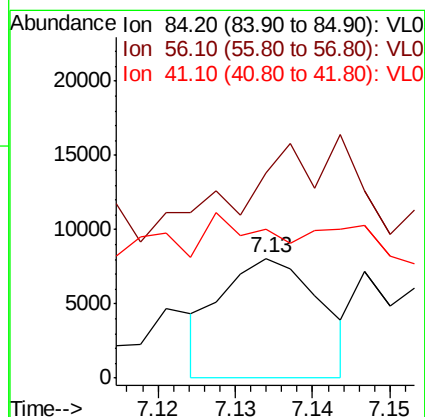
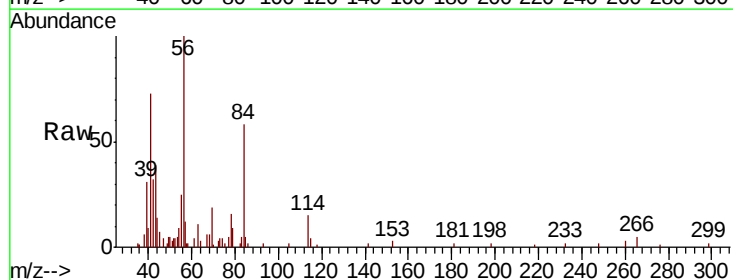
Instrument :
MSVOA_L
ClientSampleId :

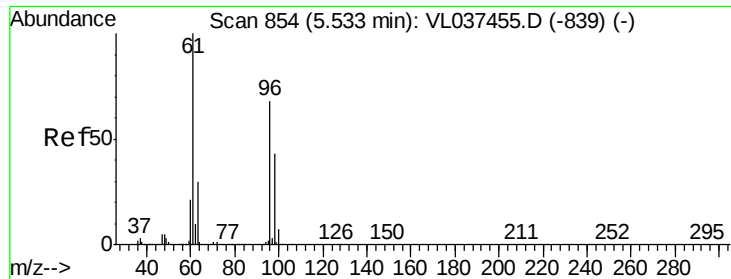
Tot Ion: 83 Resp: 93970
Ion Ratio Lower Upper
83 100
85 67.8 52.3 78.5



#30
Cyclohexane
Concen: 0.048 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 84 Resp: 7152
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 67.0 100.6#



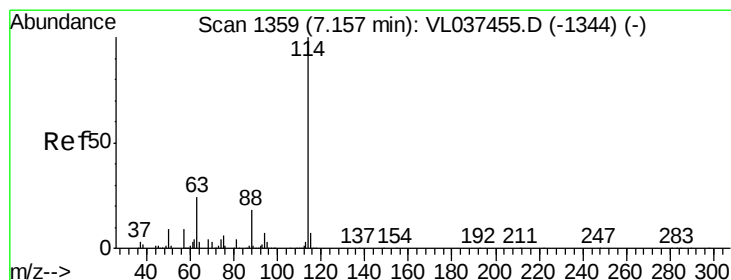
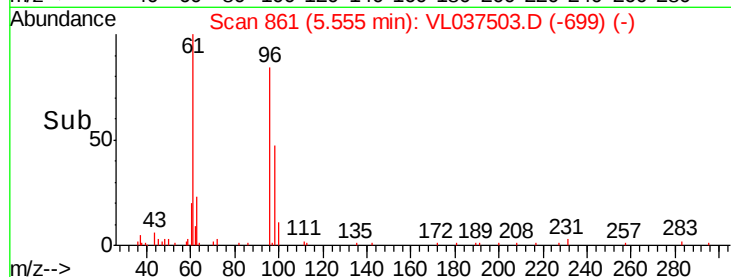
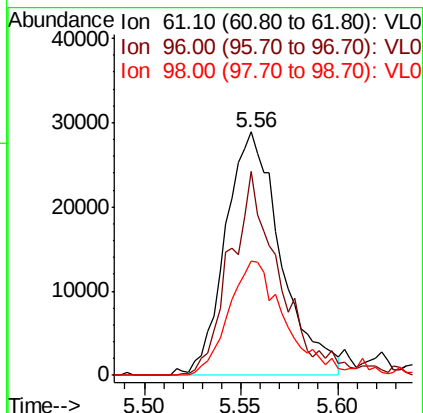
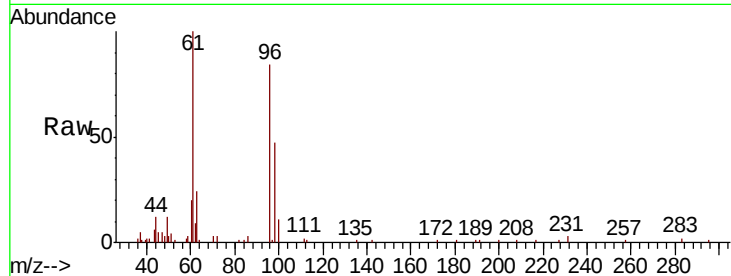


#31

cis-1,2-Dichloroethene
 Concen: 0.355 ppbv
 RT: 5.56 min Scan# 861
 Delta R.T. 0.02 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

Instrument :
 MSVOA_L
 ClientSampleId :

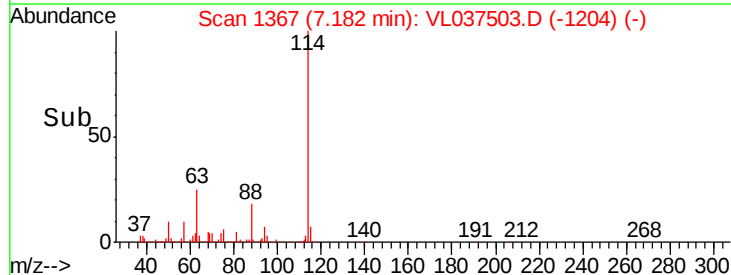
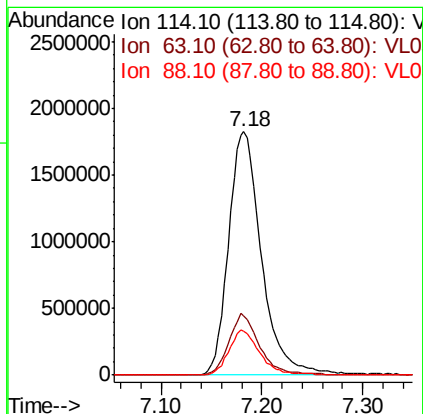
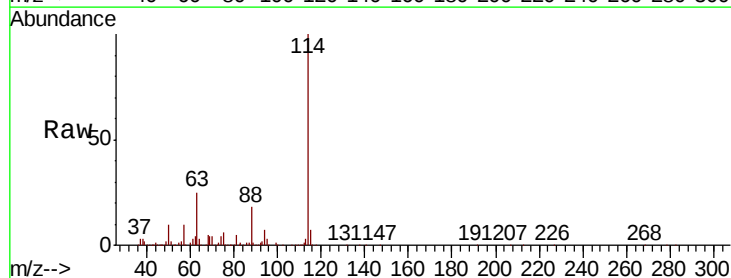
Tot Ion	61	Resp	57558
Ion Ratio	Lower	Upper	
61	100		
96	84.3	54.8	82.2#
98	47.6	34.2	51.2

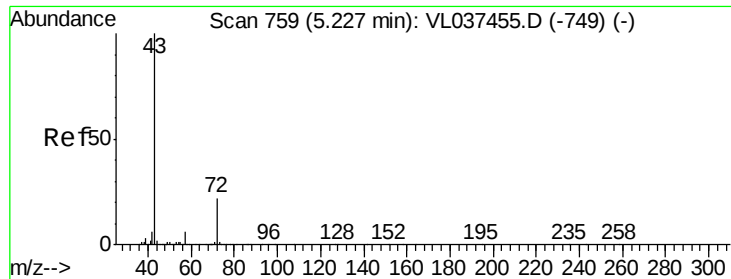


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.03 min
 Lab File: VL037503.D
 Acq: 19 Aug 2021 17:56

Tgt Ion	114	Resp	4138928
Ion Ratio	Lower	Upper	
114	100		
63	23.9	19.3	28.9
88	17.7	14.2	21.4

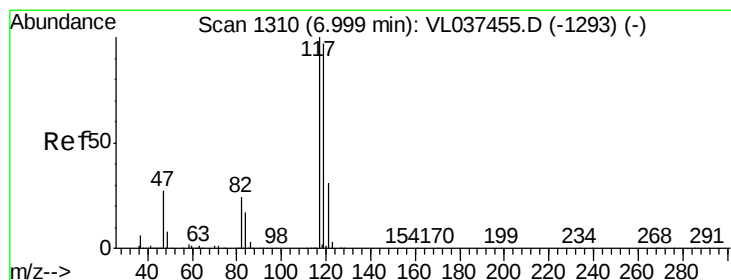
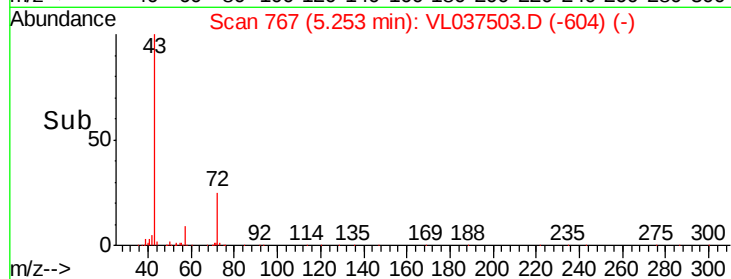
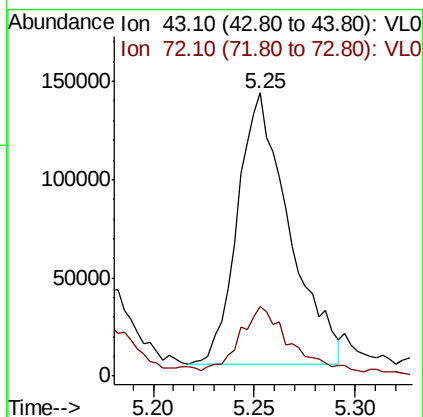
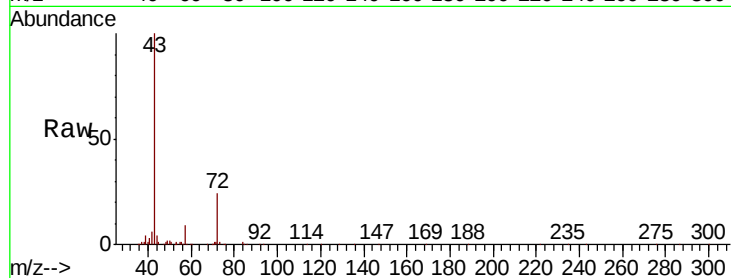




#34
2-Butanone
Concen: 1.463 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.03 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

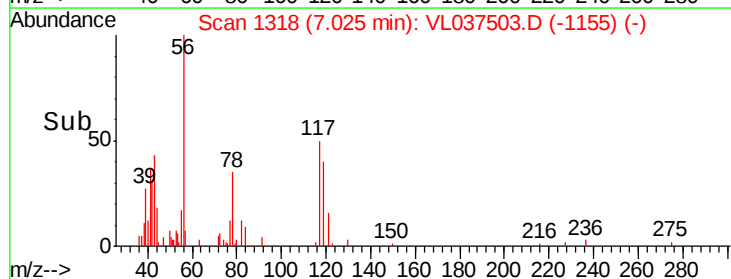
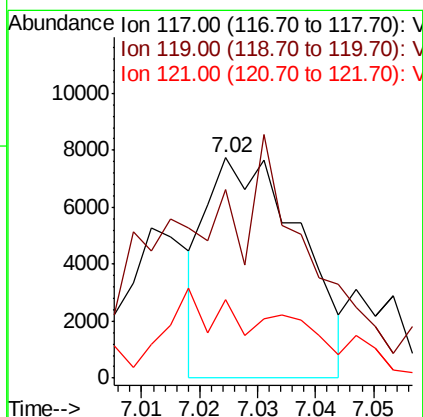
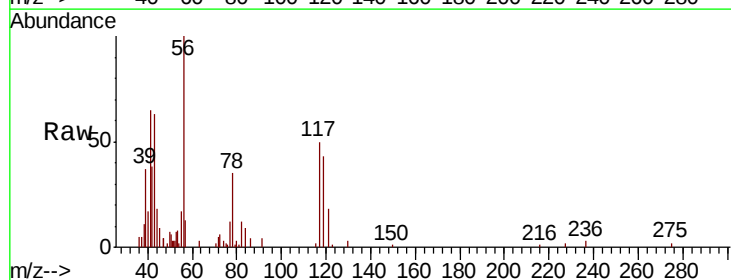
Instrument :
MSVOA_L
ClientSampled :

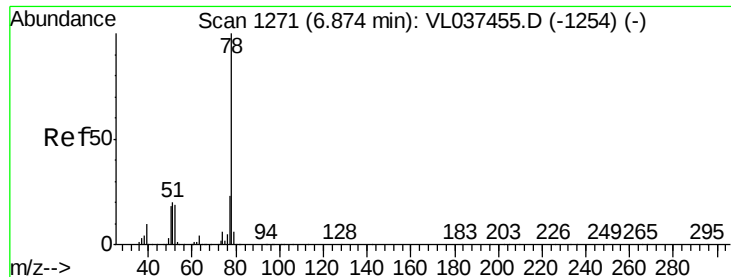
Tot Ion: 43 Resp: 247312
Ion Ratio Lower Upper
43 100
72 29.8 17.4 26.0#



#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. 0.03 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 117 Resp: 8675
Ion Ratio Lower Upper
117 100
119 59.7 77.3 115.9#
121 35.2 25.2 37.8





#36

Benzene

Concen: 7.666 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.03 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

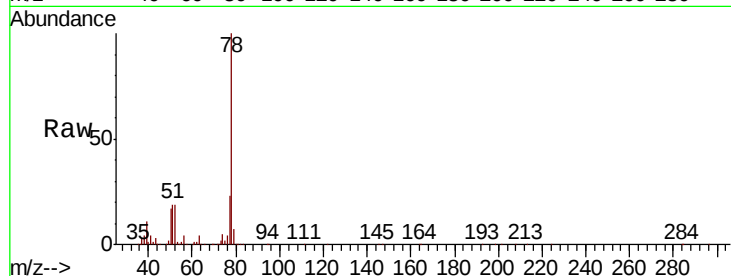
Tot Ion: 78 Resp: 2667388

Ion Ratio Lower Upper

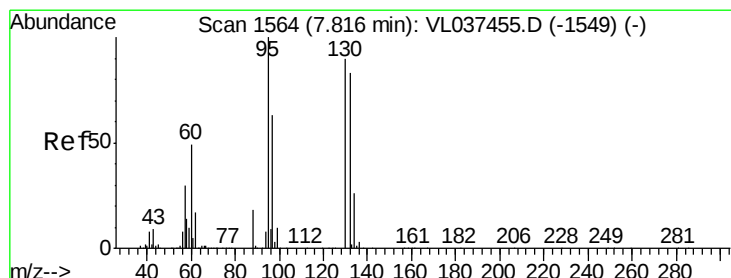
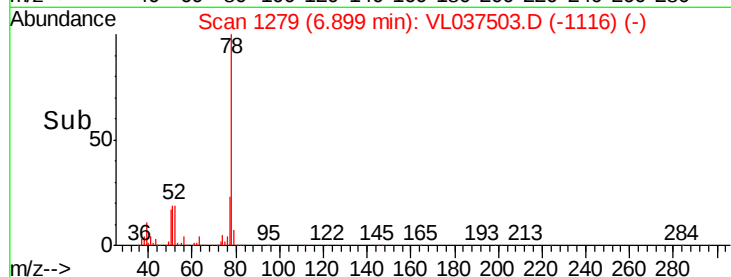
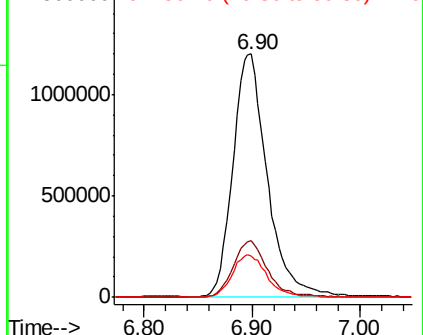
78 100

77 23.4 18.2 27.4

50 16.8 14.6 21.8



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: 0.932 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.02 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Tgt Ion:130 Resp: 133054

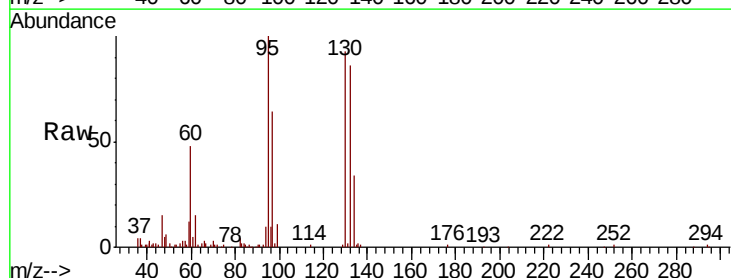
Ion Ratio Lower Upper

130 100

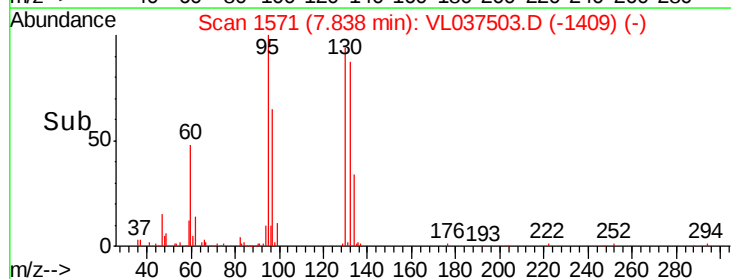
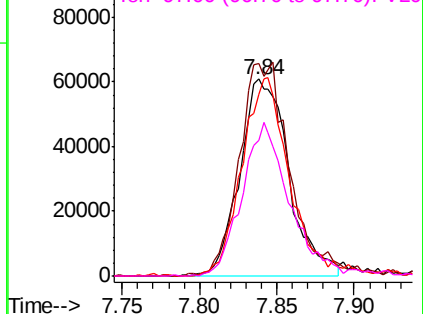
95 107.5 89.2 133.8

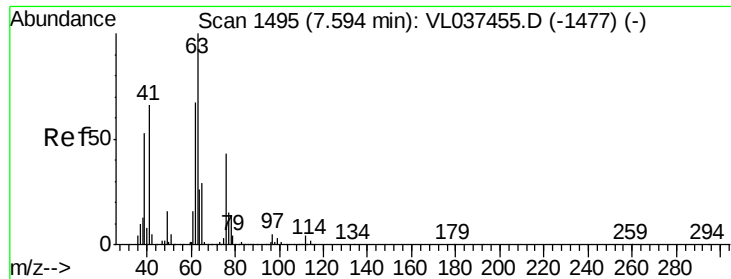
132 93.3 74.0 111.0

97 69.7 56.6 84.8



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: 7.053 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.41 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

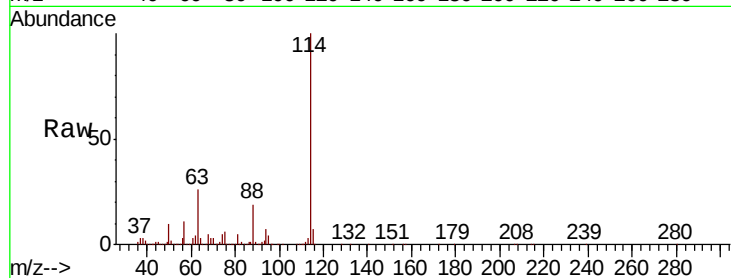
Tot Ion: 63 Resp: 942954

Ion Ratio Lower Upper

63 100

41 0.4 52.4 78.6#

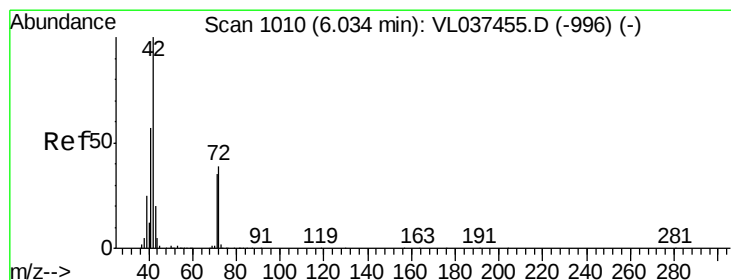
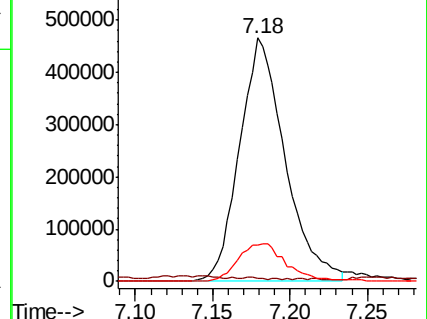
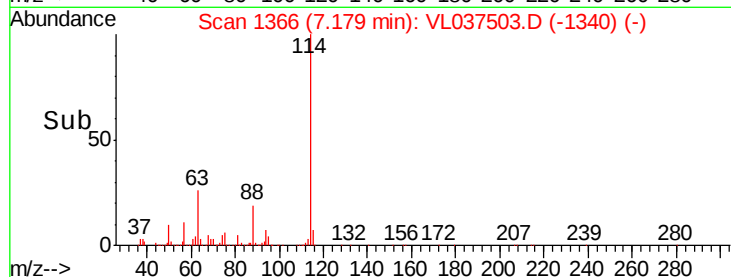
62 15.0 53.6 80.4#



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: 12.639 ppbv

RT: 5.69 min Scan# 904

Delta R.T. -0.34 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

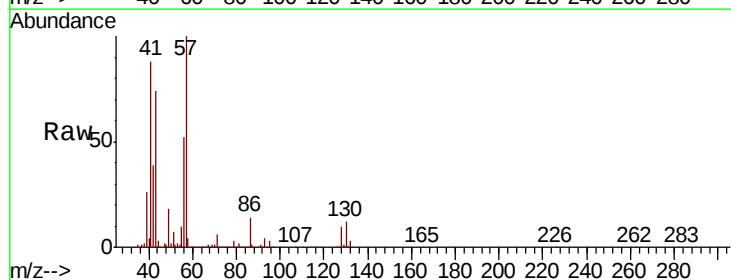
Tgt Ion: 42 Resp: 1029045

Ion Ratio Lower Upper

42 100

72 1.0 32.2 48.4#

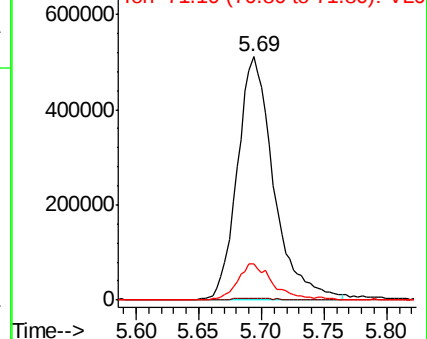
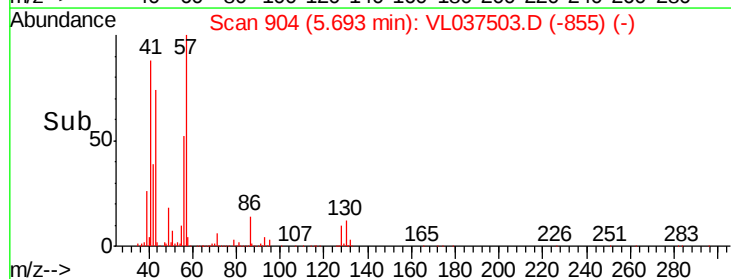
71 15.2 30.5 45.7#

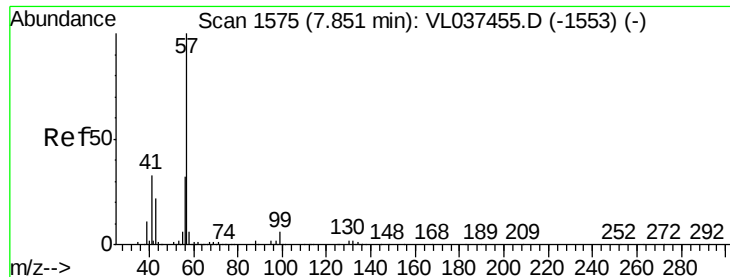


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.057 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampled :

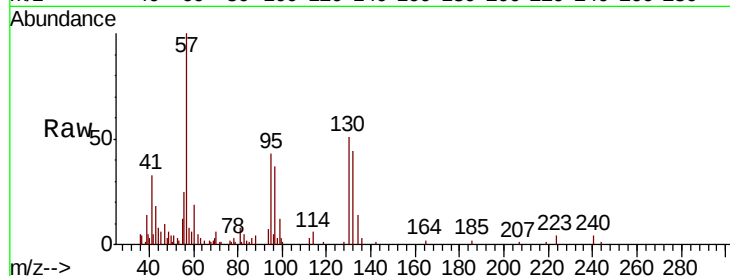
Tot Ion: 57 Resp: 33168

Ion Ratio Lower Upper

57 100

41 65.9 26.2 39.4#

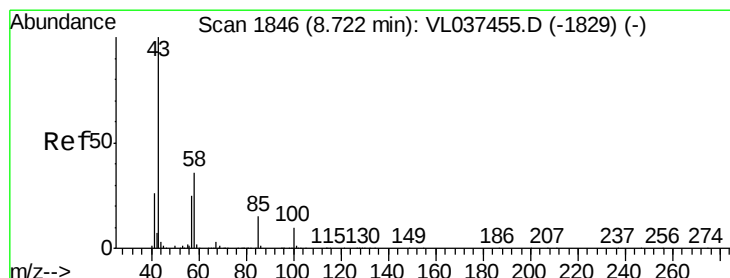
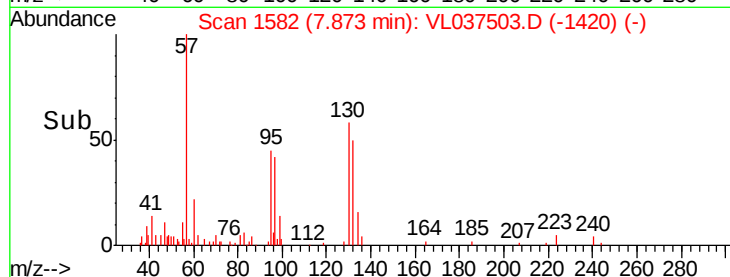
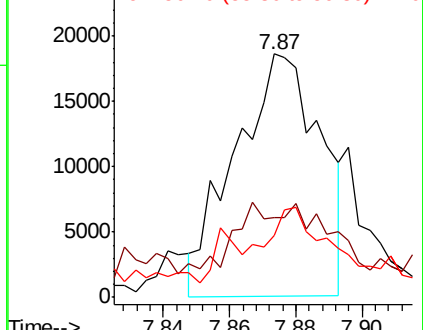
56 44.5 25.4 38.2#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#50

4-Methyl-2-Pentanone

Concen: 0.094 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.04 min

Lab File: VL037503.D

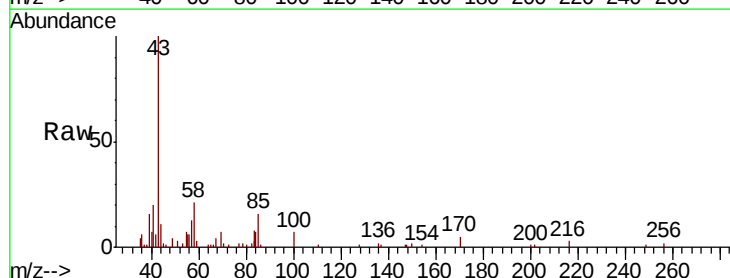
Acq: 19 Aug 2021 17:56

Tgt Ion: 43 Resp: 20815

Ion Ratio Lower Upper

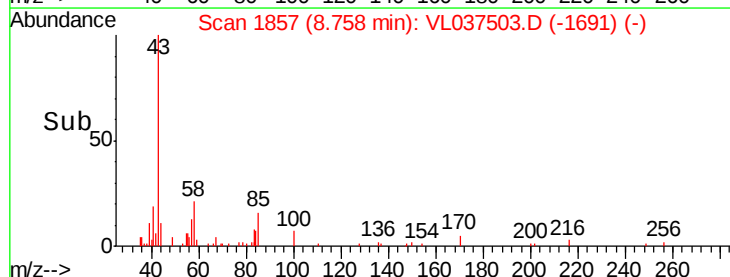
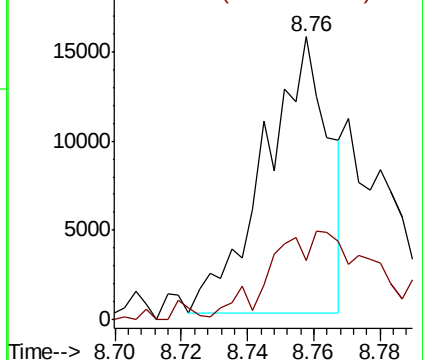
43 100

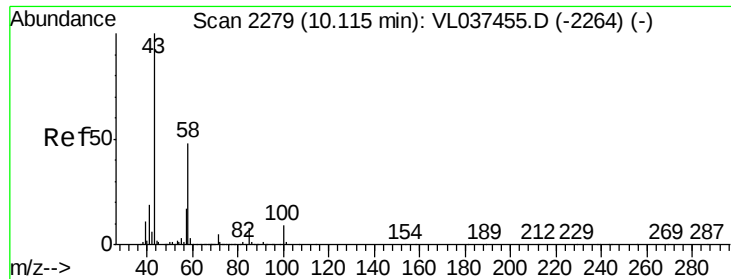
58 63.1 29.9 44.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

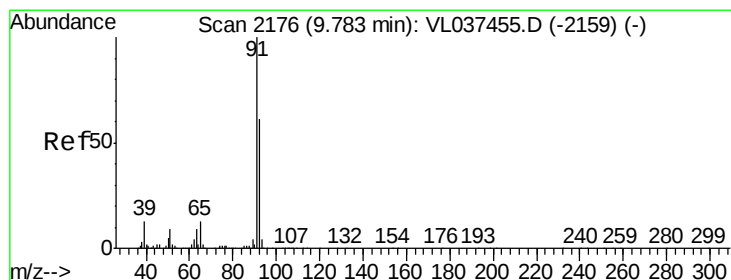
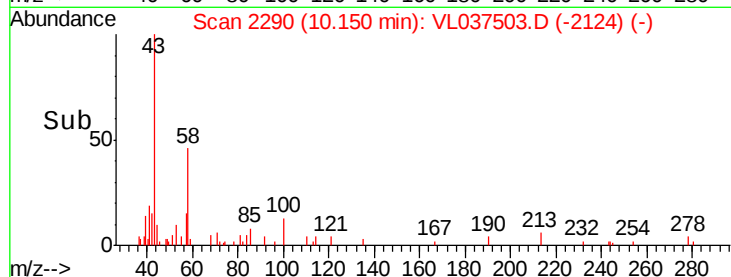
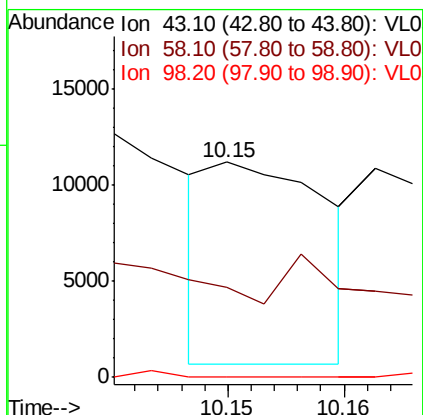
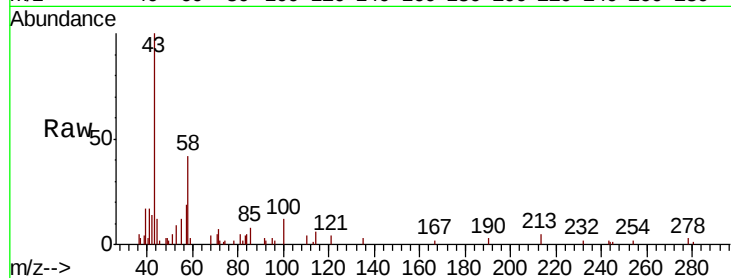




#51
2-Hexanone
Concen: 0.072 ppbv
RT: 10.15 min Scan# 2290
Delta R.T. 0.04 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

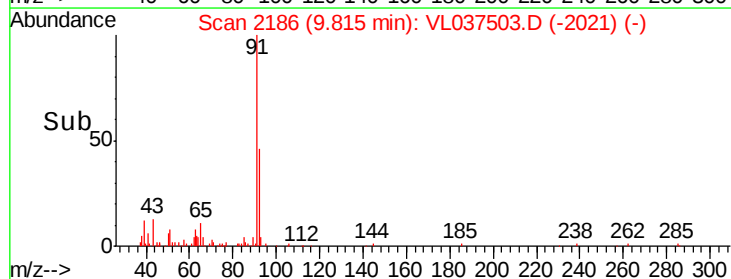
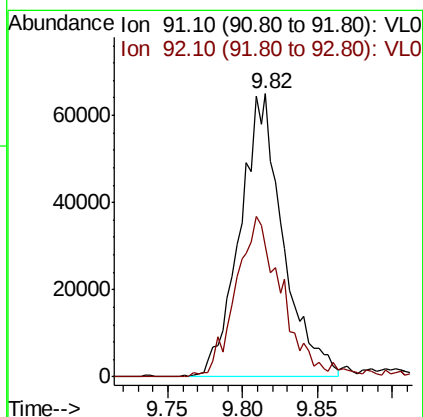
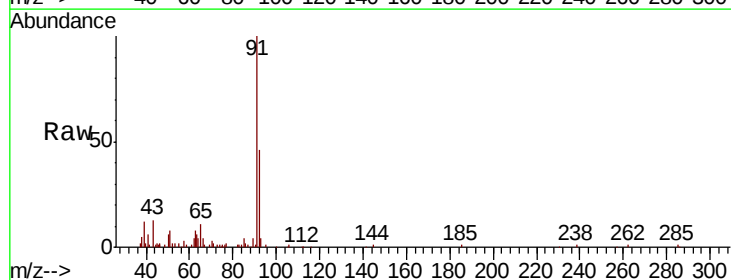
Instrument :
MSVOA_L
ClientSampled :

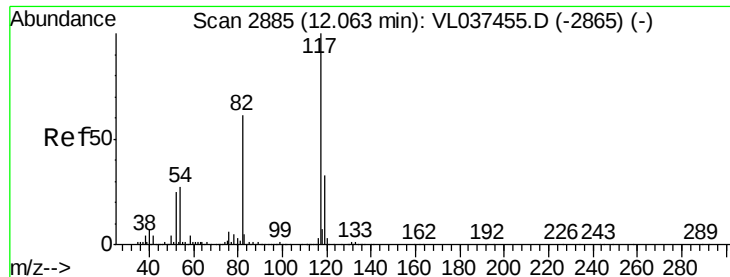
Tot Ion: 43 Resp: 7323
Ion Ratio Lower Upper
43 100
58 0.0 41.0 61.6#
98 0.0 0.3 0.5#



#53
Toluene
Concen: 0.329 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. 0.03 min
Lab File: VL037503.D
Acq: 19 Aug 2021 17:56

Tgt Ion: 91 Resp: 130821
Ion Ratio Lower Upper
91 100
92 61.1 48.8 73.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.03 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

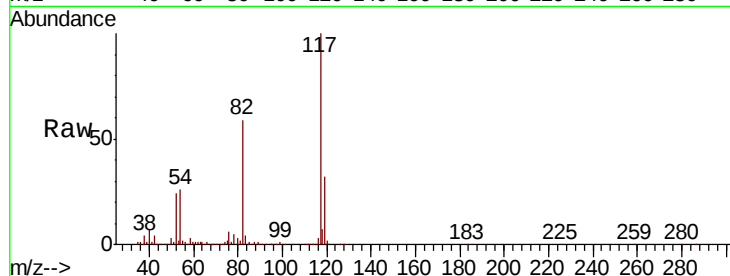
Tot Ion:117 Resp: 3435930

Ion	Ratio	Lower	Upper
117	100		
82	65.2	52.9	79.3
119	35.6	24.8	37.2

117 100

82 65.2 52.9 79.3

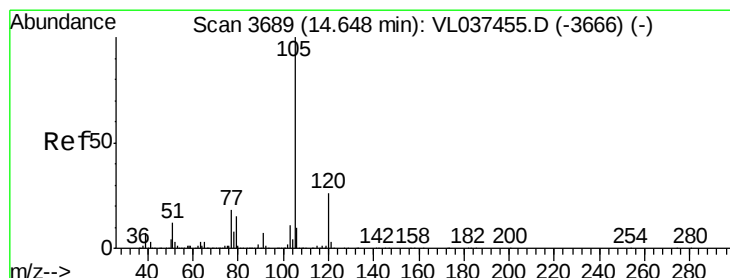
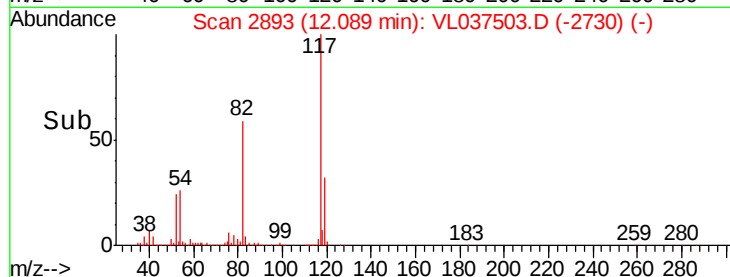
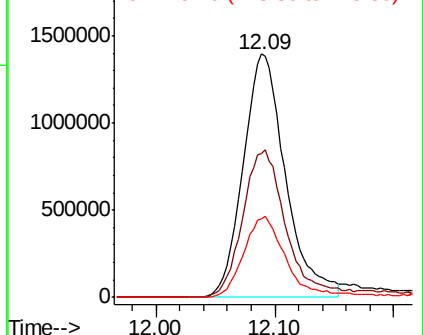
119 35.6 24.8 37.2



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



#62

Isopropylbenzene

Concen: 1.504 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.03 min

Lab File: VL037503.D

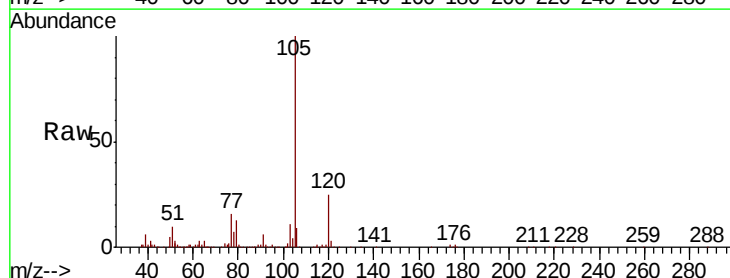
Acq: 19 Aug 2021 17:56

Tgt Ion:105 Resp: 819131

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.5	32.3

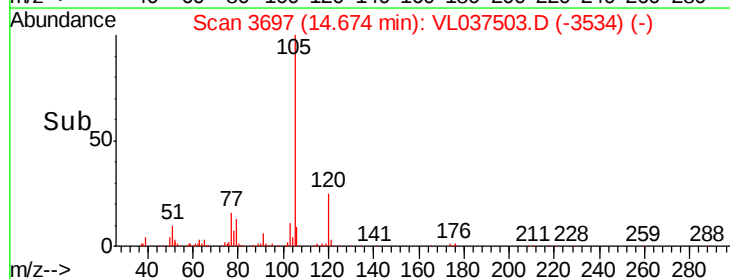
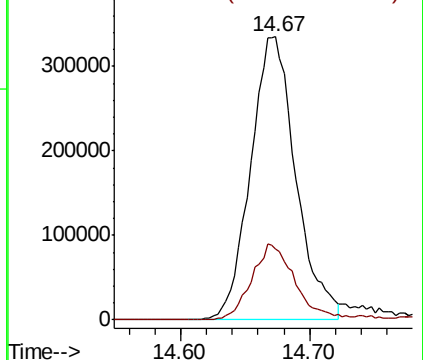
105 100

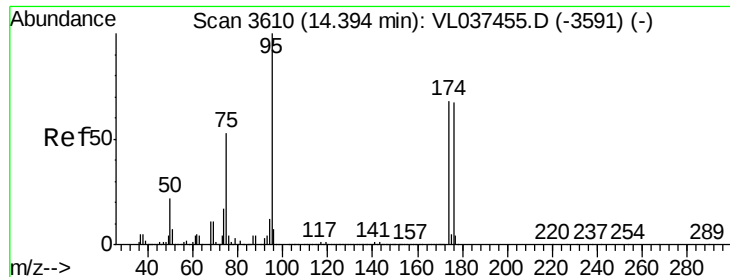
120 26.5 21.5 32.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.764 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

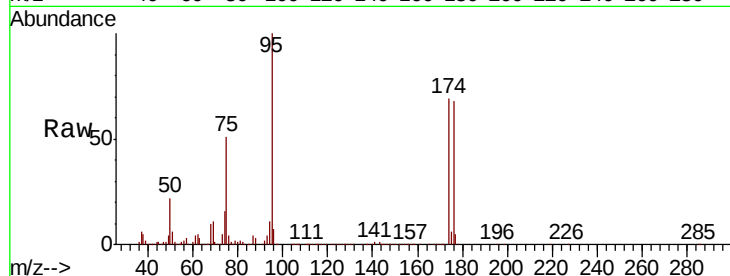
Tot Ion: 95 Resp: 2383539

Ion Ratio Lower Upper

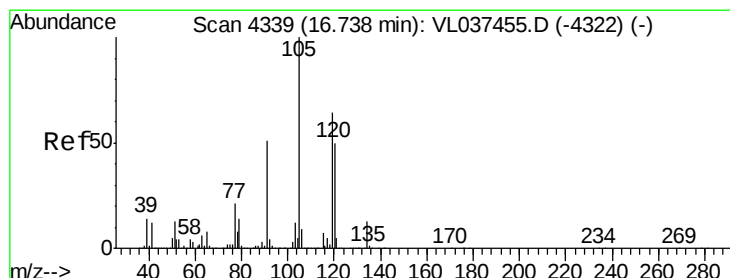
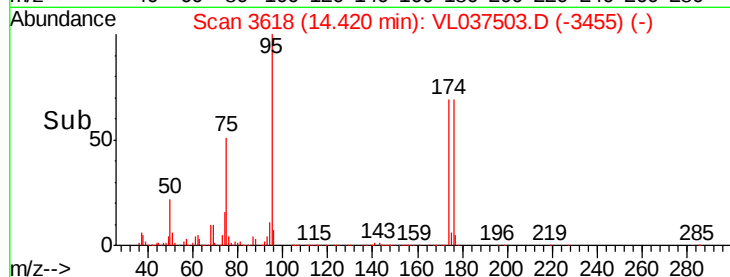
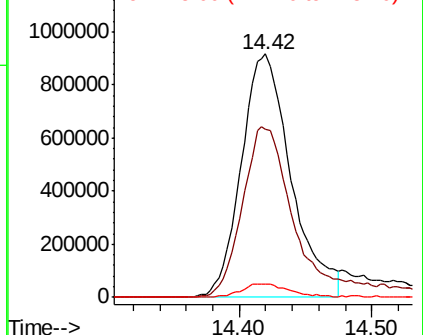
95 100

174 79.6 59.6 89.4

175 5.7 4.6 7.0



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V



#74

1,2,4-Trimethylbenzene

Concen: 0.056 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.04 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Tgt Ion:105 Resp: 25348

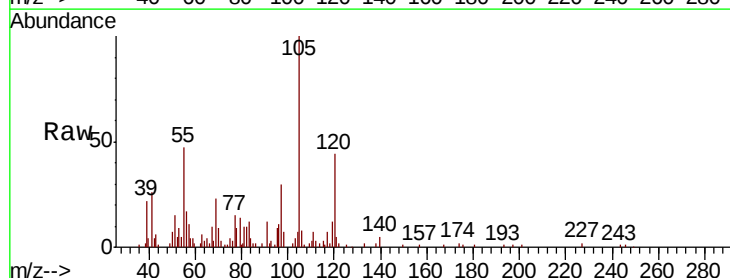
Ion Ratio Lower Upper

105 100

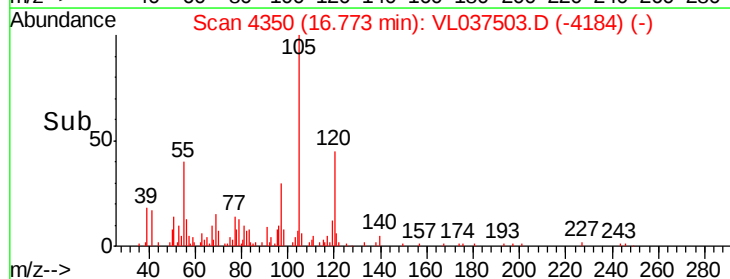
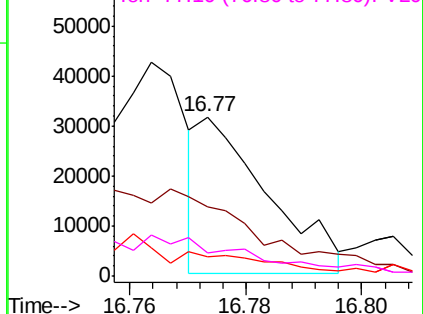
120 35.5 40.4 60.6#

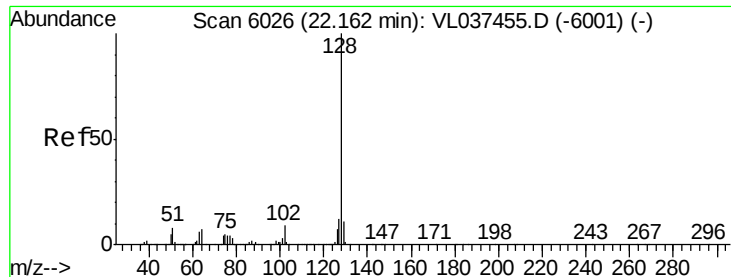
91 10.3 44.6 67.0#

77 10.9 17.8 26.6#



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: 0.043 ppbv

RT: 22.21 min Scan# 6040

Delta R.T. 0.04 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

Instrument :

MSVOA_L

ClientSampleId :

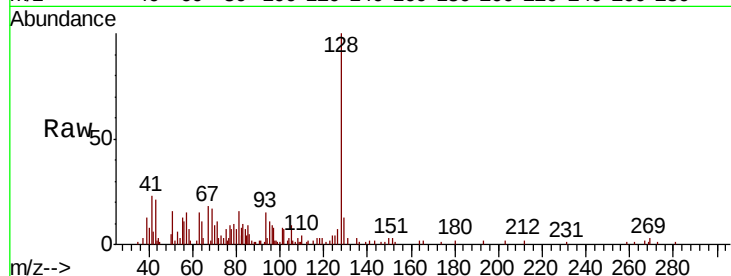
Tot Ion:128 Resp: 13018

Ion Ratio Lower Upper

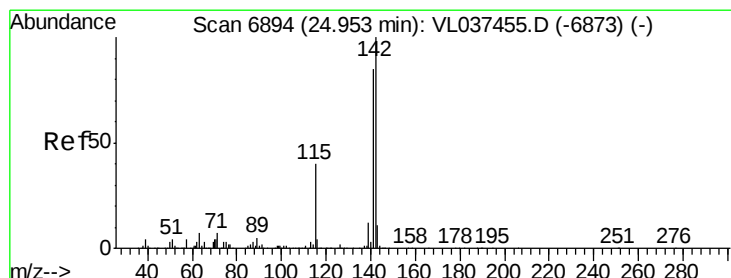
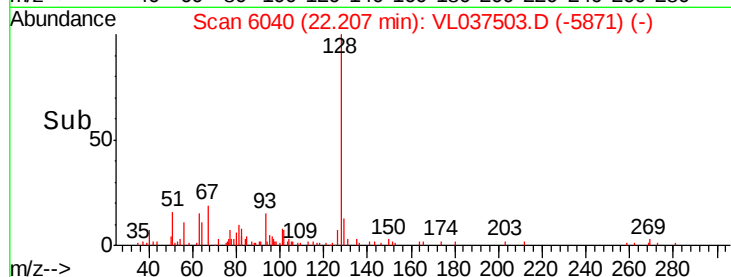
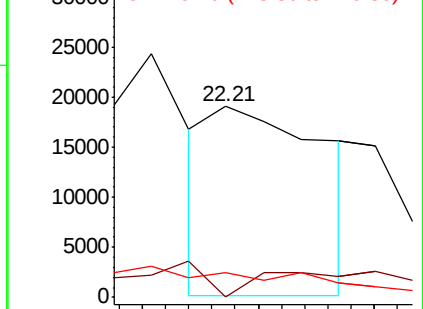
128 100

127 0.0 9.4 14.2#

129 27.8 8.8 13.2#



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: 0.133 ppbv

RT: 24.98 min Scan# 6903

Delta R.T. 0.03 min

Lab File: VL037503.D

Acq: 19 Aug 2021 17:56

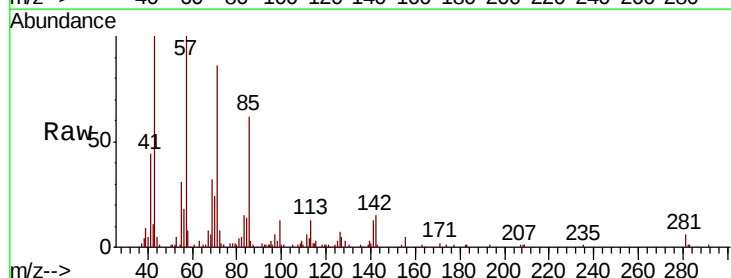
Tgt Ion:142 Resp: 11263

Ion Ratio Lower Upper

142 100

141 79.1 64.7 97.1

115 56.6 28.4 42.6#



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

