

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037226.D
 Acq On : 22 Jun 2021 21:12
 Operator : SY/AP
 Sample : M2807-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:42:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

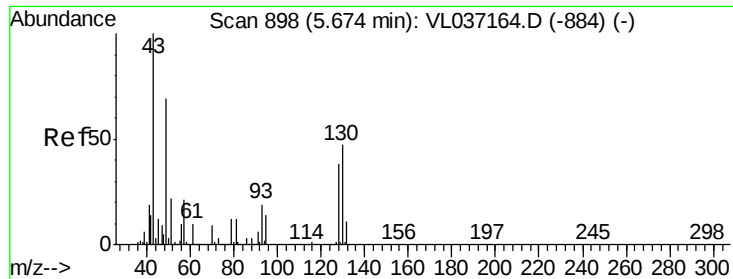
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1165660	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3450797	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3179895	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2505398	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	38341	0.189 ppbv	89
3) Chlorodifluoromethane	2.96	51	1151640	5.081 ppbv #	59
4) Chloromethane	3.14	50	8786	0.116 ppbv #	87
7) Chloroethane	3.57	64	748	0.025 ppbv #	42
9) Propene	3.20	41	479549	6.617 ppbv	95
10) Heptane	8.12	43	25762	0.147 ppbv #	60
11) Trichlorofluoromethane	3.95	101	57673	0.267 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5765	0.038 ppbv #	1
13) Ethanol	3.62	45	335256	29.904 ppbv	52
15) Acetone	3.86	43	711815	5.415 ppbv	96
16) 1,3-Butadiene	3.31	39	29553	0.380 ppbv #	20
17) tert-Butyl alcohol	4.32	59	46057	0.379 ppbv #	81
19) Isopropyl Alcohol	3.99	45	18239	0.229 ppbv #	91
20) Methylene Chloride	4.35	84	686350	8.722 ppbv	98
23) Vinyl Acetate	5.06	43	60347	0.320 ppbv #	19
25) Ethyl Acetate	5.69	43	366880	1.289 ppbv #	77
26) Hexane	5.69	57	518667	3.606 ppbv #	45
27) Carbon Disulfide	4.56	76	11184	0.079 ppbv #	1
29) Chloroform	5.75	83	375974	1.692 ppbv	92
30) Cyclohexane	7.14	84	13116	0.109 ppbv #	1
34) 2-Butanone	5.26	43	38415	0.286 ppbv #	84
35) Carbon Tetrachloride	7.02	117	12557	0.054 ppbv #	70
36) Benzene	6.90	78	38146	0.137 ppbv	93
39) 1,2-Dichloropropane	7.18	63	822435	7.932 ppbv #	23
41) Tetrahydrofuran	6.22	42	3128	0.050 ppbv #	39
44) 2,2,4-Trimethylpentane	7.87	57	78760	0.168 ppbv #	56
51) 2-Hexanone	10.16	43	3087	0.034 ppbv #	29
52) Tetrachloroethene	11.23	164	43695	0.337 ppbv #	87
53) Toluene	9.81	91	1075904	3.228 ppbv	99
58) Ethyl Benzene	12.99	91	77368	0.177 ppbv	90
59) m/p-Xylene	12.99	91	77368	0.209 ppbv #	30
60) o-Xylene	13.70	91	65402	0.185 ppbv	93
61) Styrene	13.53	104	5974	0.033 ppbv #	1
64) n-propylbenzene	15.76	120	4709	0.037 ppbv	81
66) Benzyl Chloride	17.03	91	638	0.034 ppbv #	1
69) p-Isopropyltoluene	17.66	119	83179	0.166 ppbv #	82
73) 1,3,5-Trimethylbenzene	16.00	105	9234	0.024 ppbv	95
74) 1,2,4-Trimethylbenzene	16.77	105	92274	0.231 ppbv #	67

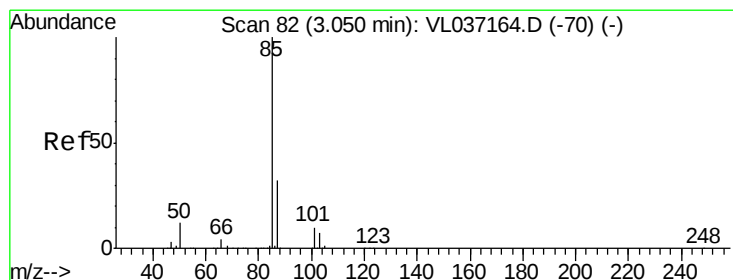
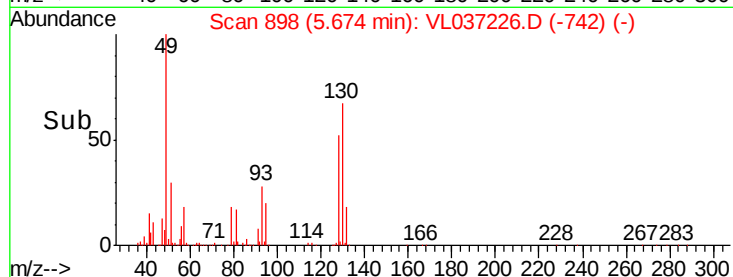
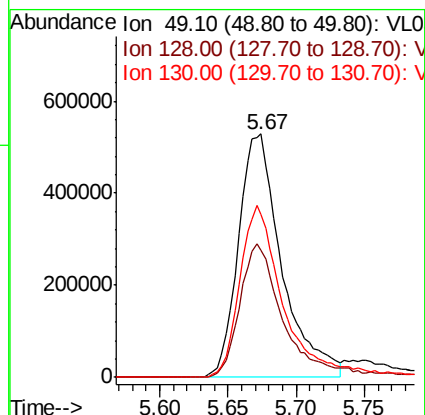
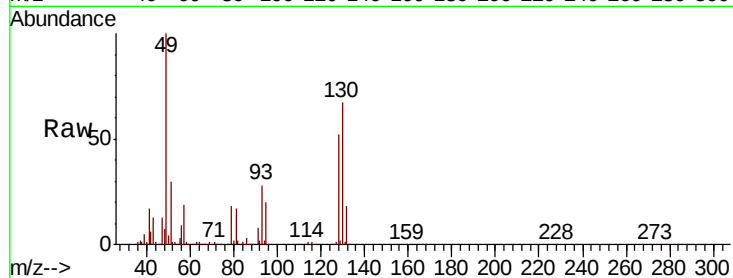
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

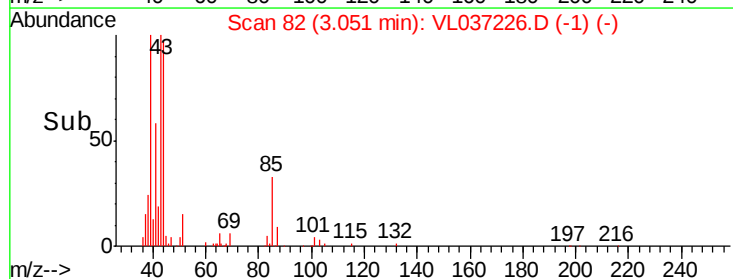
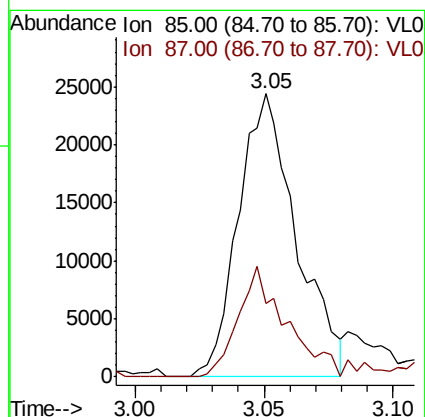
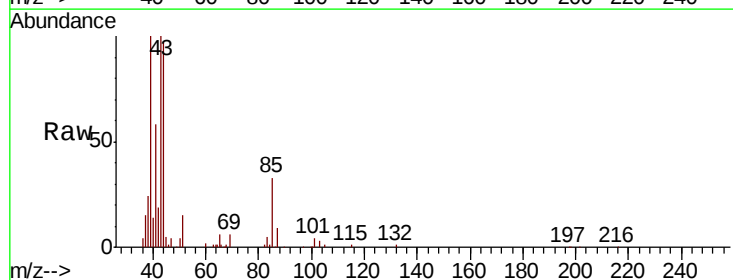
Instrument :
MSVOA_L
ClientSampleId :

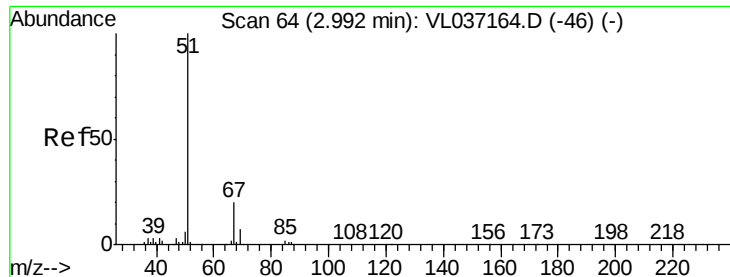
Tot Ion: 49 Resp: 1165660
Ion Ratio Lower Upper
49 100
128 58.2 29.3 88.0
130 73.3 35.9 107.8



#2
Dichlorodifluoromethane
Concen: 0.189 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 85 Resp: 38341
Ion Ratio Lower Upper
85 100
87 26.1 25.8 38.6





#3

Chlorodifluoromethane

Concen: 5.081 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.03 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

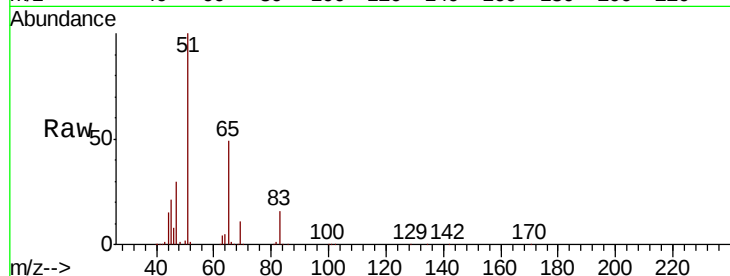
ClientSampleId :

Tot Ion: 51 Resp: 1151640

Ion Ratio Lower Upper

51 100

67 0.9 15.8 23.6#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.96

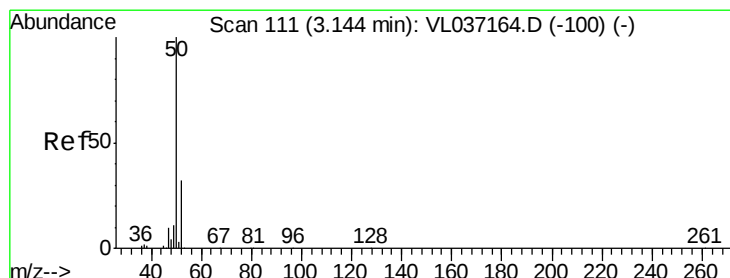
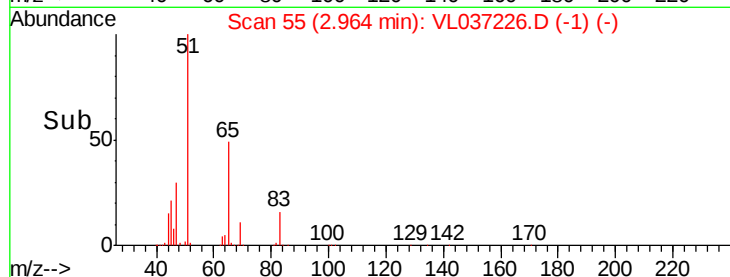
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 0.116 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL037226.D

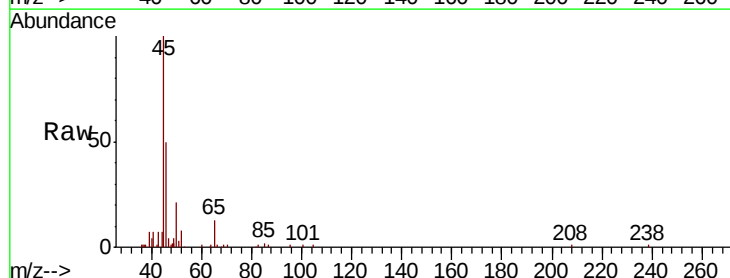
Acq: 22 Jun 2021 21:12

Tgt Ion: 50 Resp: 8786

Ion Ratio Lower Upper

50 100

52 39.3 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

10000

8000

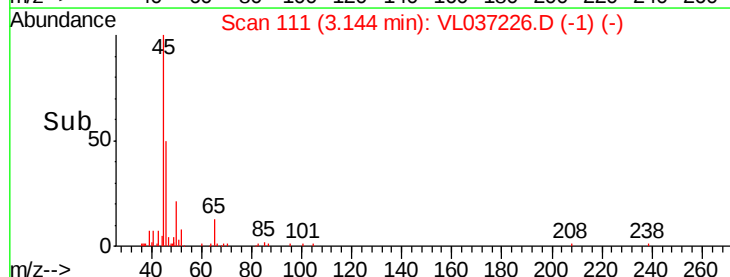
6000

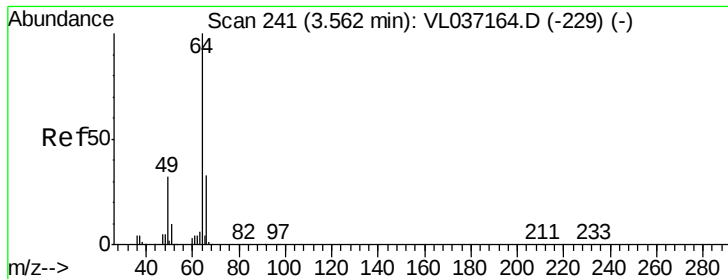
4000

2000

0

Time-->





#7

Chloroethane

Concen: 0.025 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.01 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

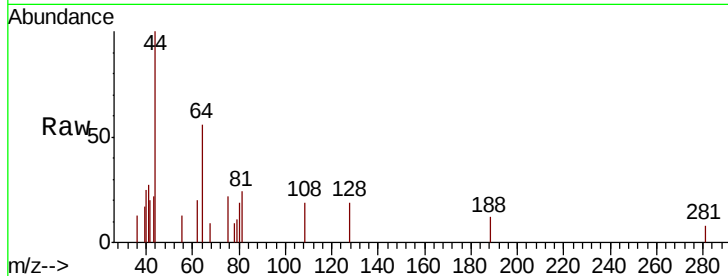
ClientSampleId :

Tot Ion: 64 Resp: 748

Ion Ratio Lower Upper

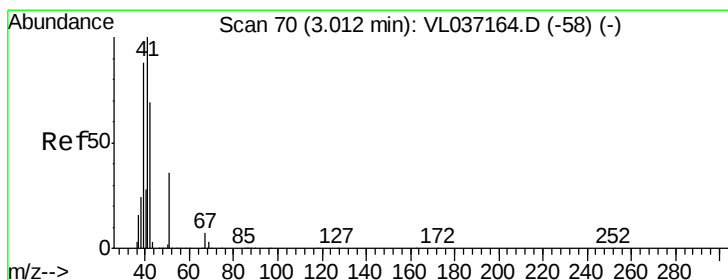
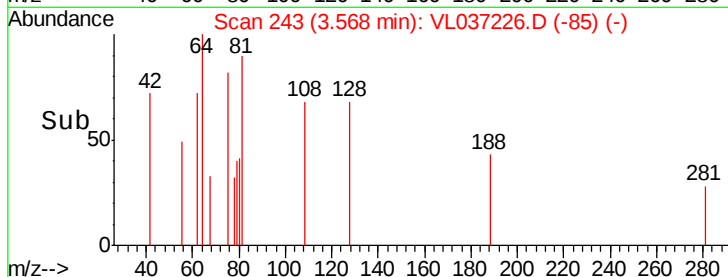
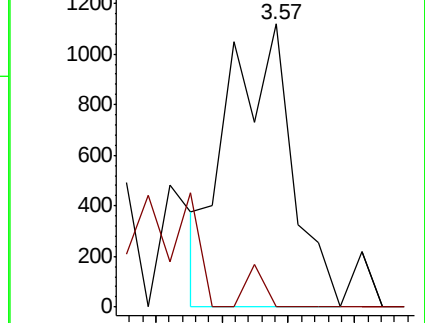
64 100

66 0.0 26.2 39.4#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 6.617 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.19 min

Lab File: VL037226.D

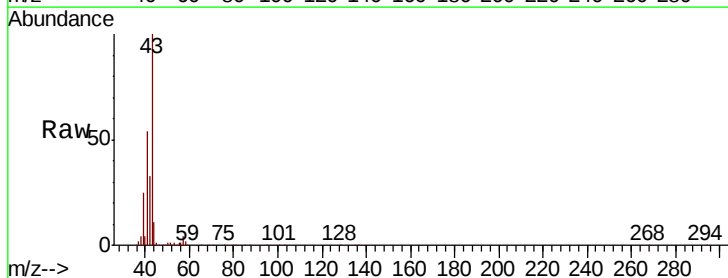
Acq: 22 Jun 2021 21:12

Tgt Ion: 41 Resp: 479549

Ion Ratio Lower Upper

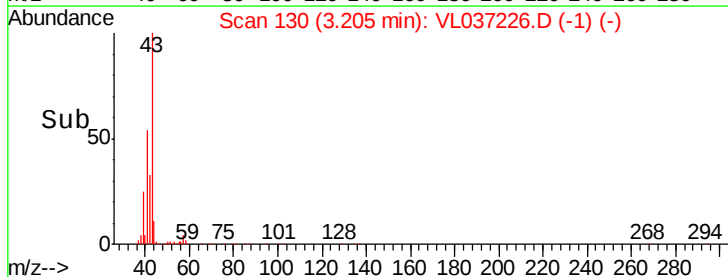
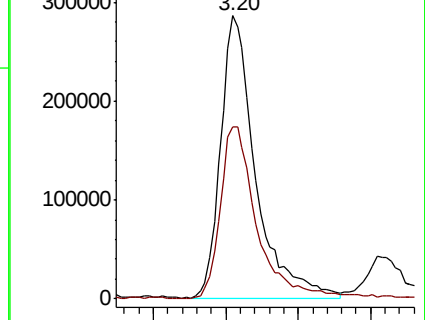
41 100

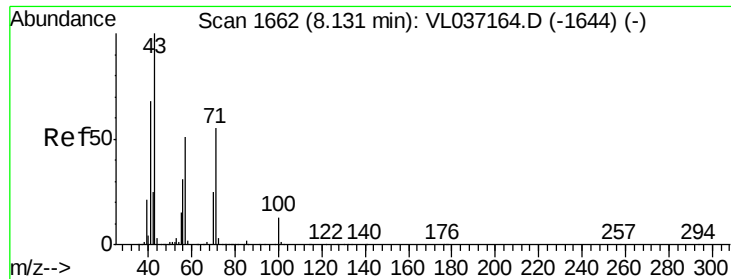
42 63.8 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

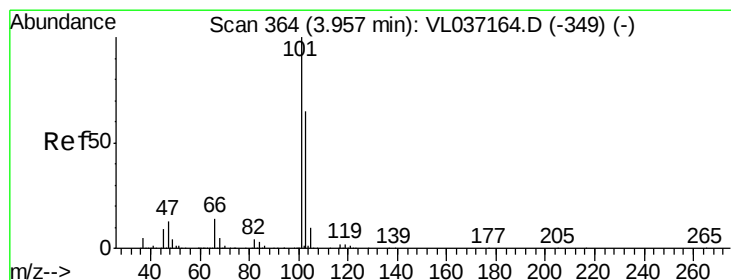
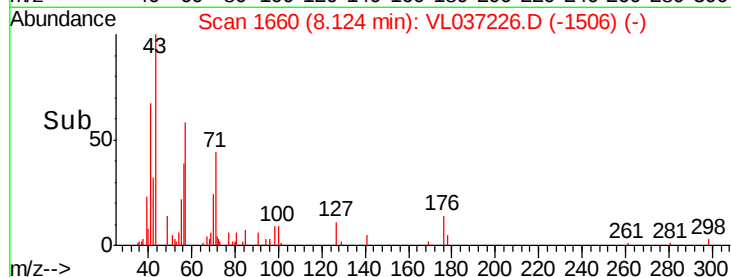
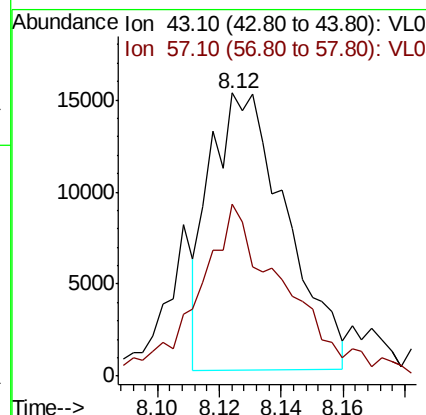
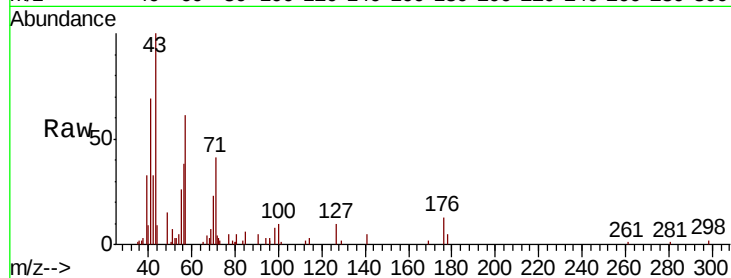




#10
Heptane
Concen: 0.147 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

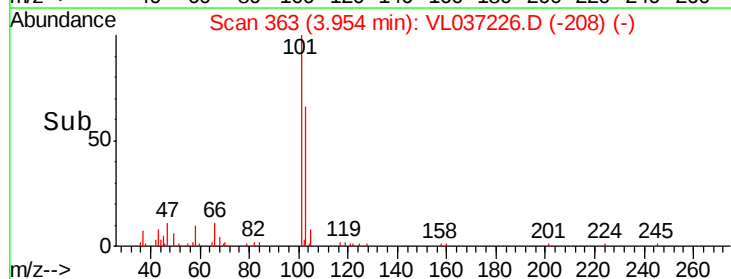
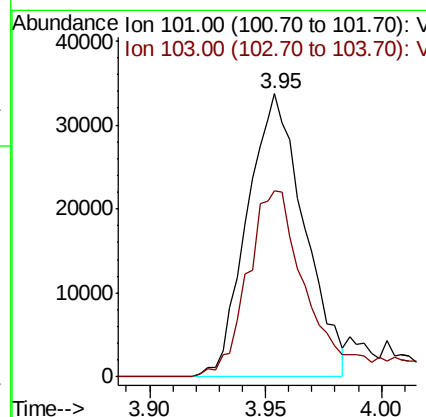
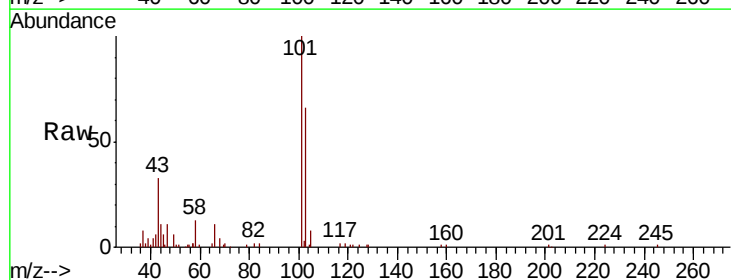
Instrument :
MSVOA_L
ClientSampleId :

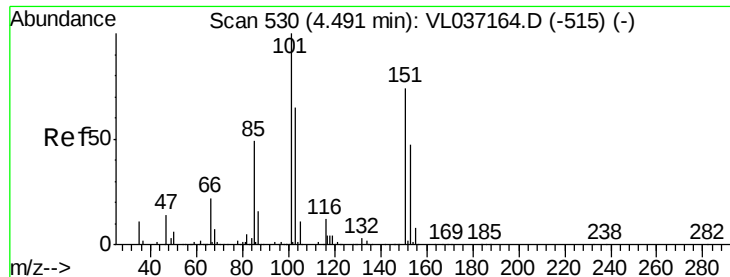
Tot Ion: 43 Resp: 25762
Ion Ratio Lower Upper
43 100
57 78.4 40.6 61.0#



#11
Trichlorofluoromethane
Concen: 0.267 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion:101 Resp: 57673
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.038 ppbv

RT: 4.49 min Scan# 529

Delta R.T. -0.00 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

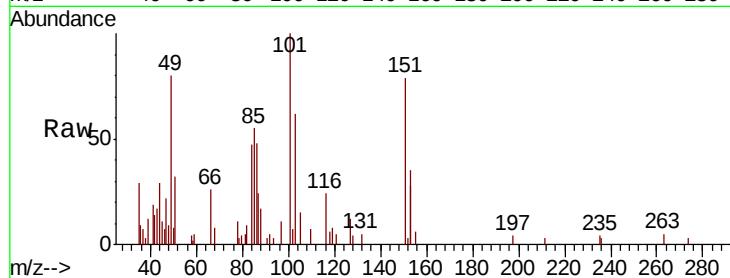
ClientSampleId :

Tot Ion:101 Resp: 5765

Ion Ratio Lower Upper

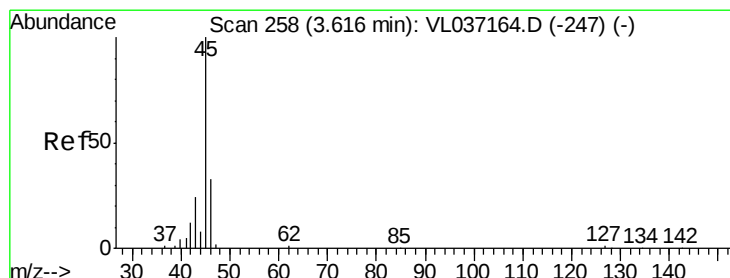
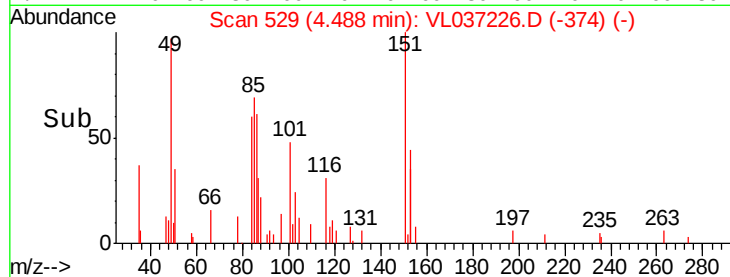
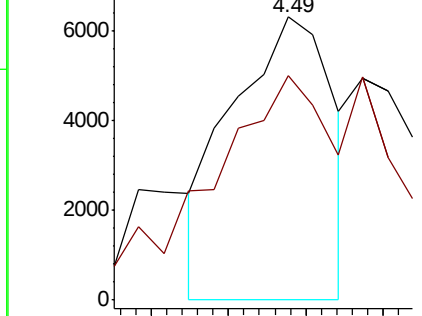
101 100

151 160.2 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 29.904 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.00 min

Lab File: VL037226.D

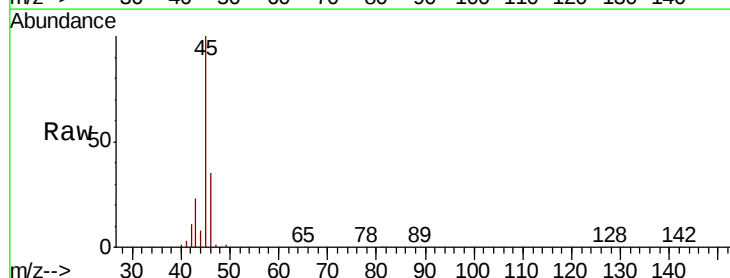
Acq: 22 Jun 2021 21:12

Tgt Ion: 45 Resp: 335256

Ion Ratio Lower Upper

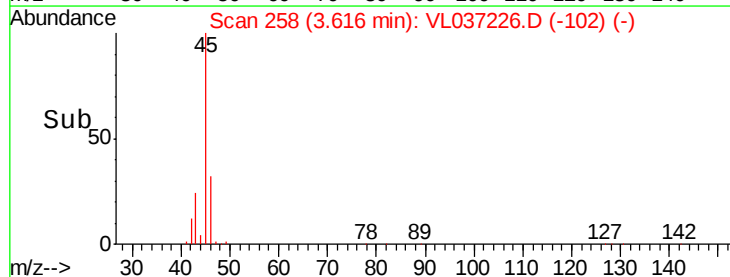
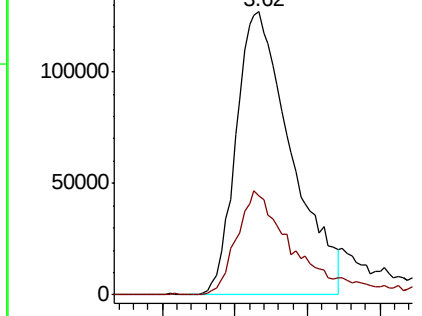
45 100

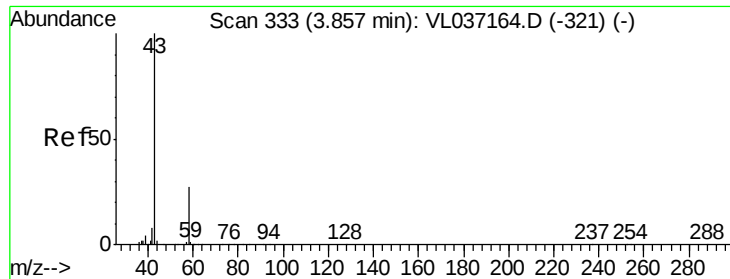
46 41.4 34.2 137.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 5.415 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

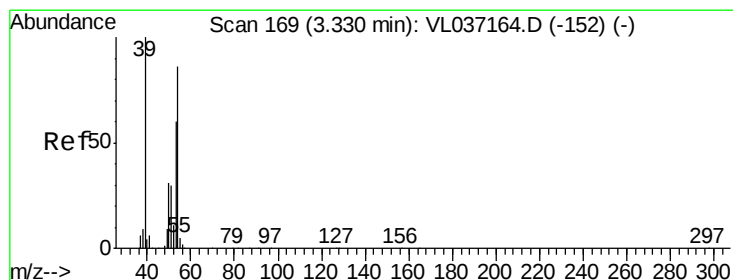
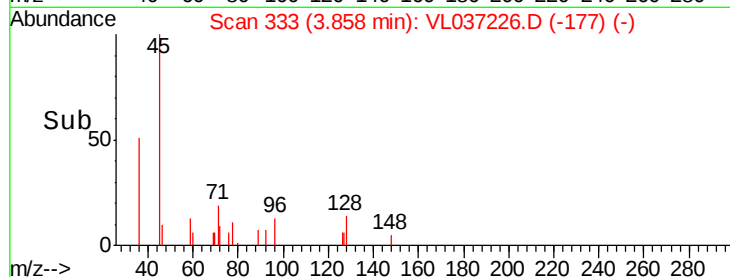
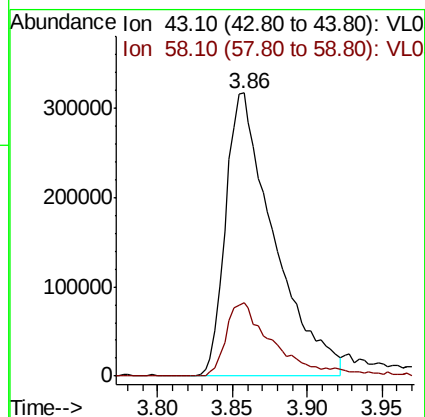
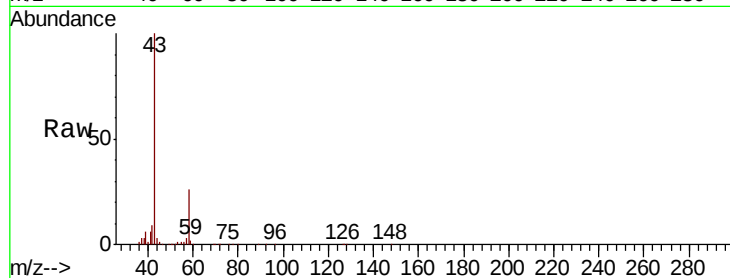
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 711815

Ion Ratio Lower Upper

43 100

58 27.7 23.7 35.5



#16

1,3-Butadiene

Concen: 0.380 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.02 min

Lab File: VL037226.D

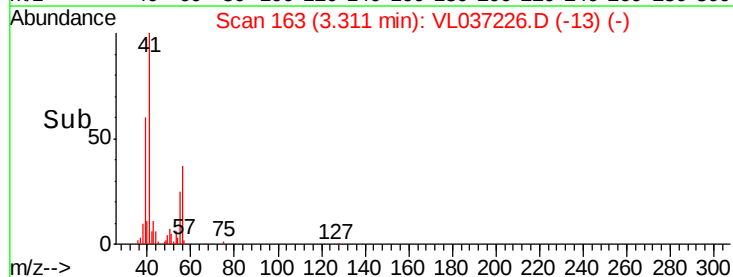
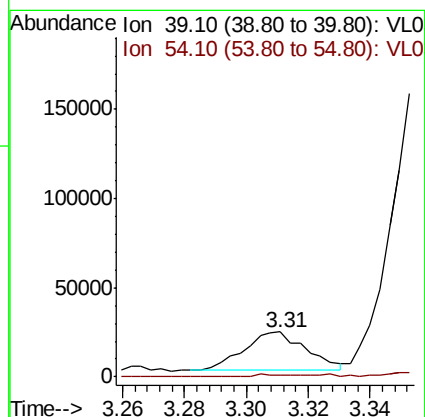
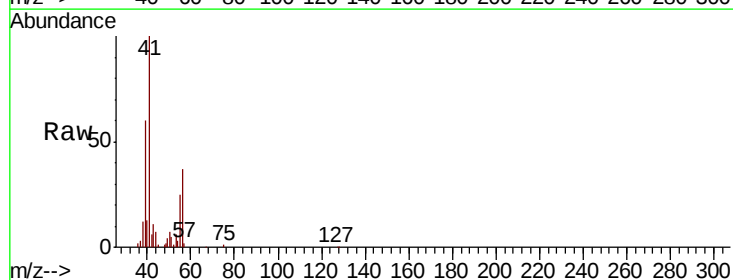
Acq: 22 Jun 2021 21:12

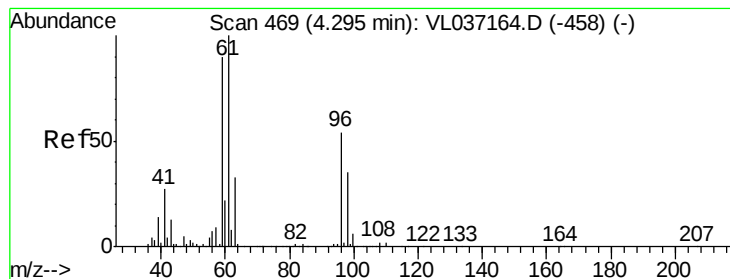
Tgt Ion: 39 Resp: 29553

Ion Ratio Lower Upper

39 100

54 7.7 61.2 91.8#



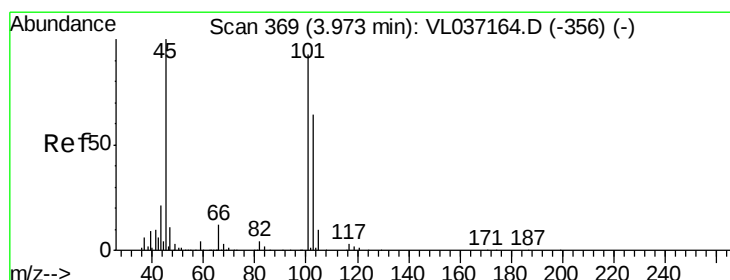
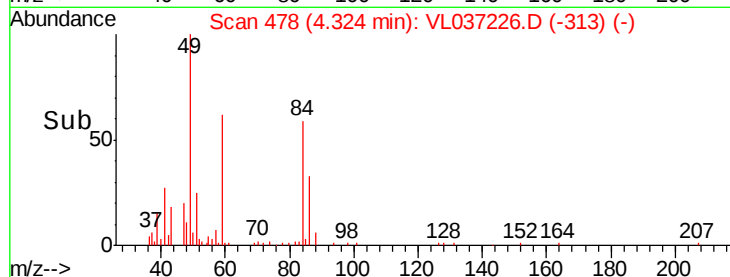
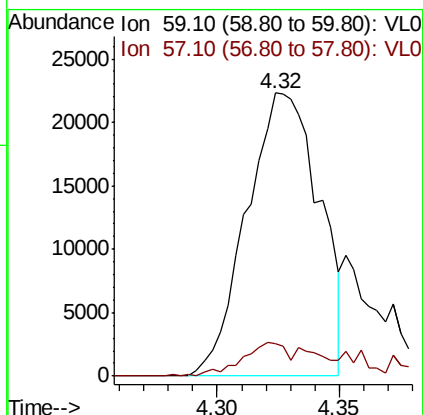
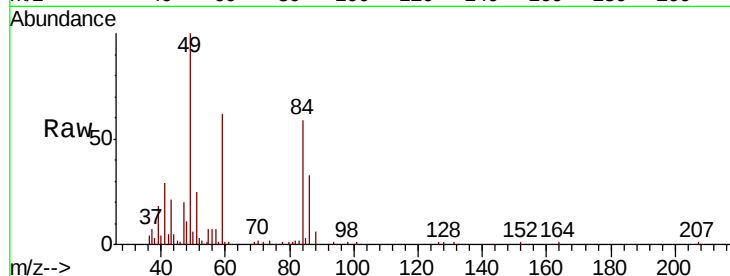


#17

tert-Butyl alcohol
Concen: 0.379 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.03 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

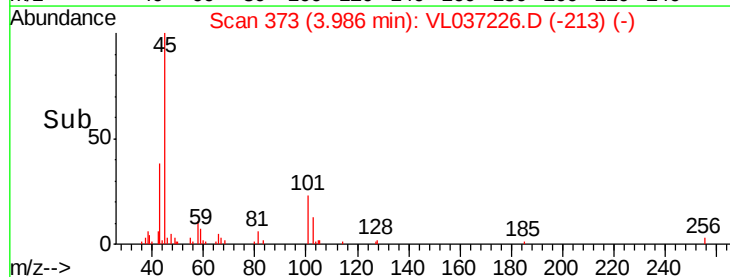
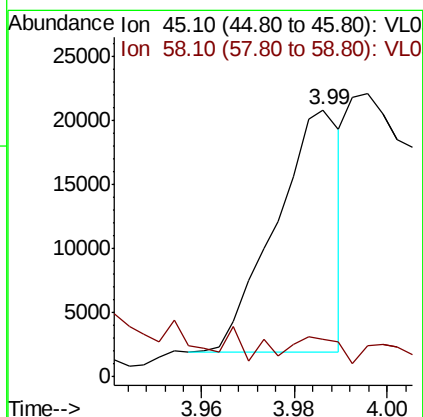
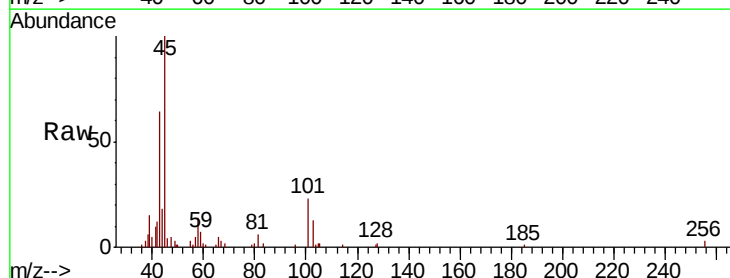
Tot Ion: 59 Resp: 46057
Ion Ratio Lower Upper
59 100
57 18.0 8.8 13.2#

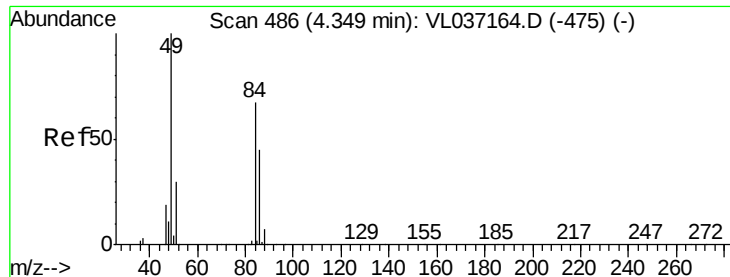


#19

Isopropyl Alcohol
Concen: 0.229 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 45 Resp: 18239
Ion Ratio Lower Upper
45 100
58 0.0 2.4 3.6#





#20

Methvlene Chloride

Concen: 8.722 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.00 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 686350

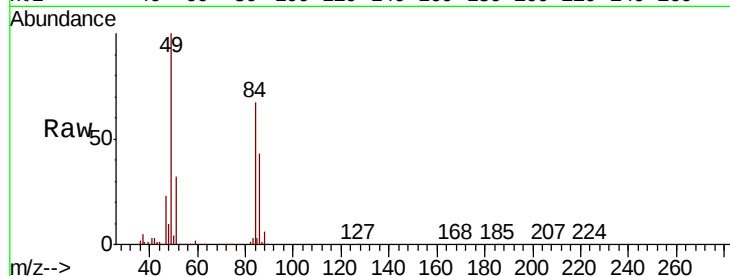
Ion Ratio Lower Upper

84 100

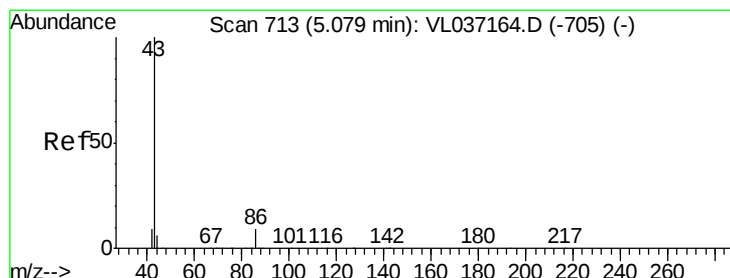
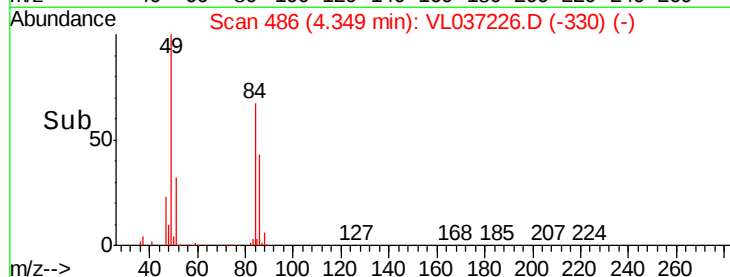
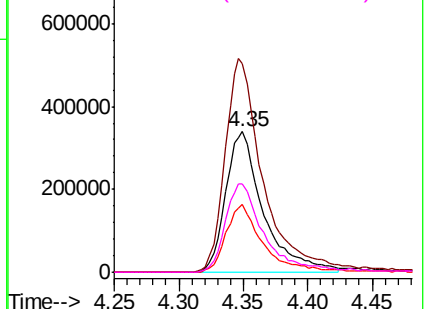
49 148.9 119.7 179.5

51 48.0 36.1 54.1

86 63.4 53.7 80.5



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



#23

Vinyl Acetate

Concen: 0.320 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.02 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Tgt Ion: 43 Resp: 60347

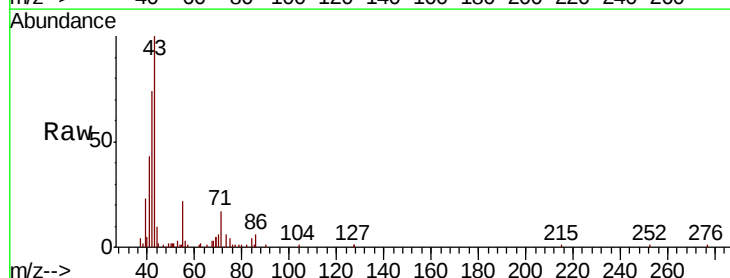
Ion Ratio Lower Upper

43 100

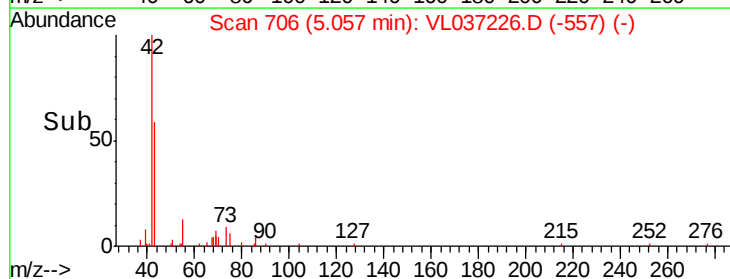
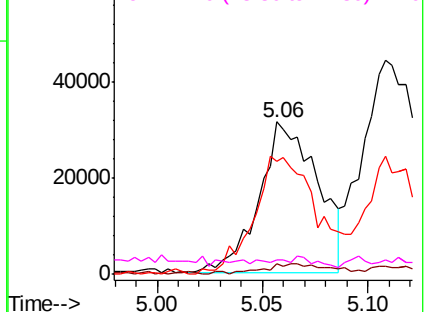
86 5.1 5.8 8.8#

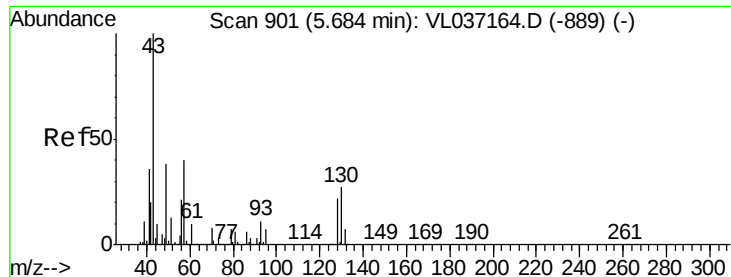
42 75.1 8.2 12.2#

44 3.9 4.2 6.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 86.10 (85.80 to 86.80): VL0
Ion 42.10 (41.80 to 42.80): VL0
Ion 44.10 (43.80 to 44.80): VL0

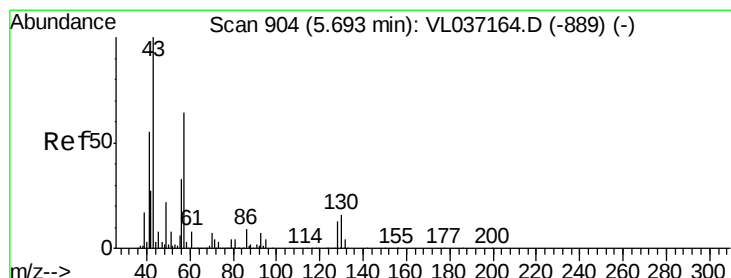
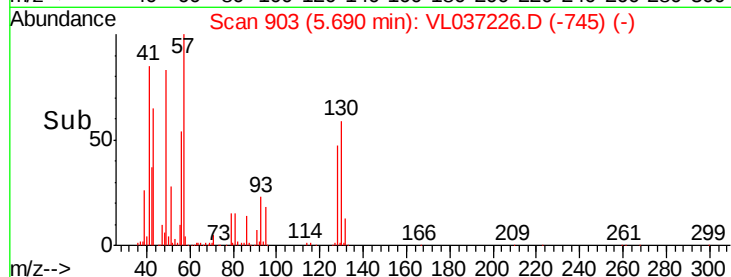
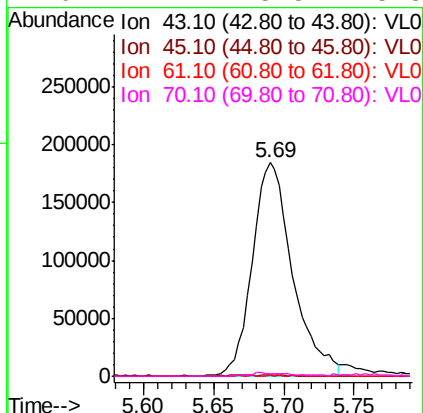
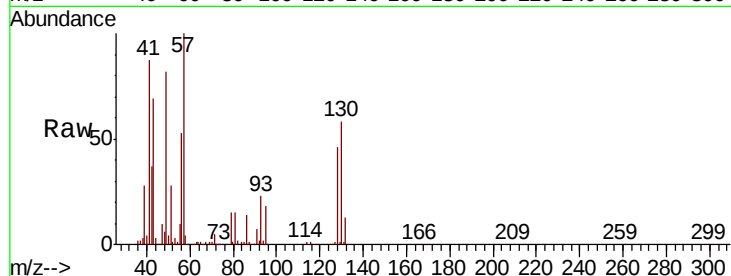




#25
Ethyl Acetate
Concen: 1.289 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

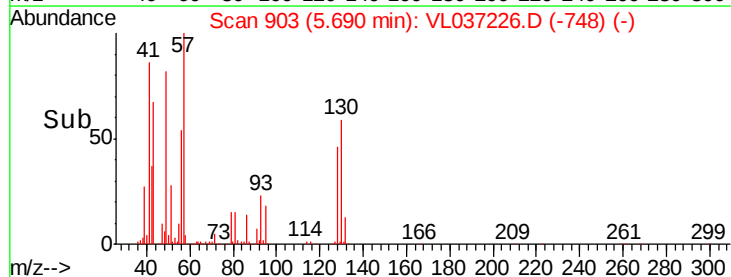
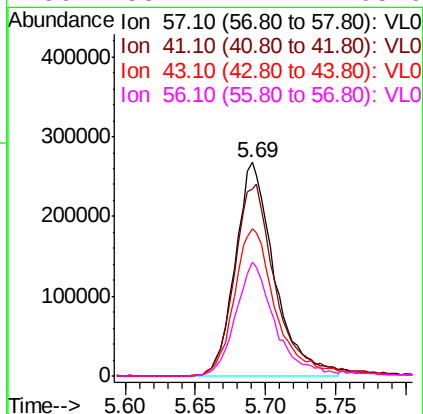
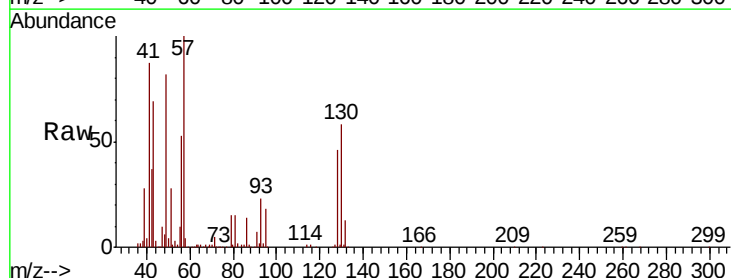
Instrument :
MSVOA_L
ClientSampleId :

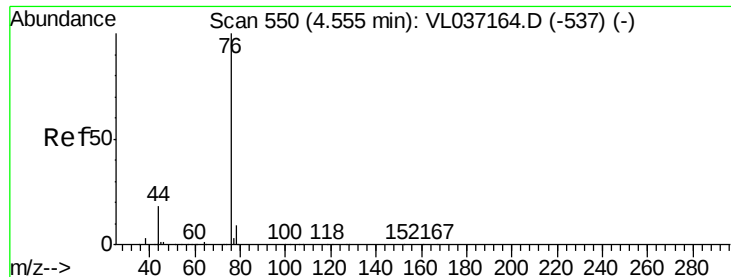
Tot Ion:	43	Resp:	366880
Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.0	12.0#
61	0.5	8.1	12.1#
70	1.7	5.5	8.3#



#26
Hexane
Concen: 3.606 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion:	57	Resp:	518667
Ion	Ratio	Lower	Upper
57	100		
41	98.3	73.5	110.3
43	74.6	170.7	256.1#
56	55.1	42.4	63.6





#27

Carbon Disulfide

Concen: 0.079 ppbv

RT: 4.56 min Scan# 553

Delta R.T. 0.01 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

ClientSampleId :

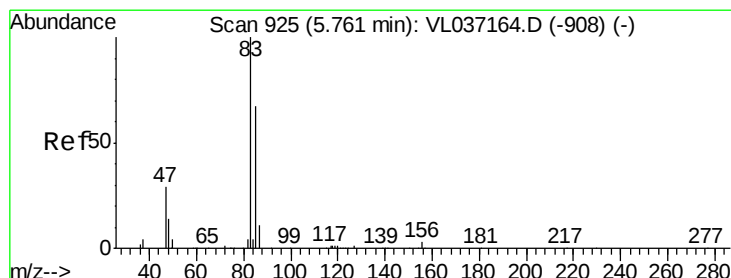
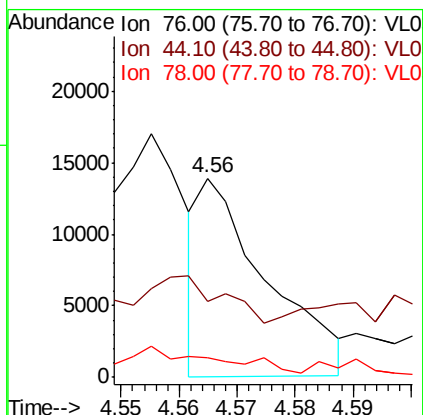
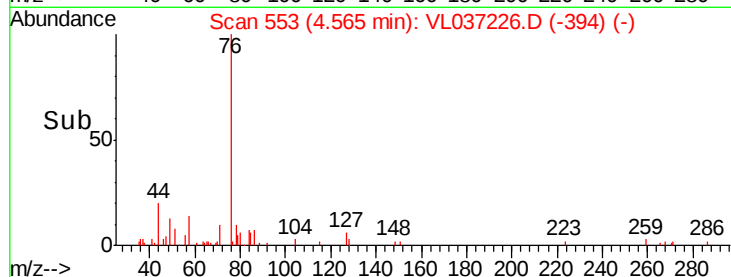
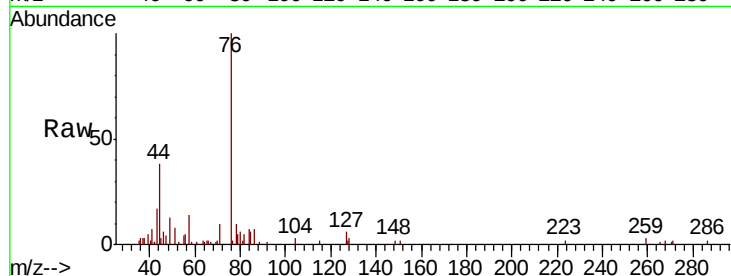
Tot Ion: 76 Resp: 11184

Ion Ratio Lower Upper

76 100

44 167.9 15.4 23.2#

78 0.0 8.0 12.0#



#29

Chloroform

Concen: 1.692 ppbv

RT: 5.75 min Scan# 923

Delta R.T. -0.01 min

Lab File: VL037226.D

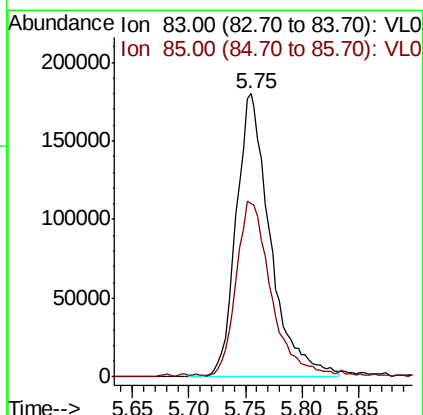
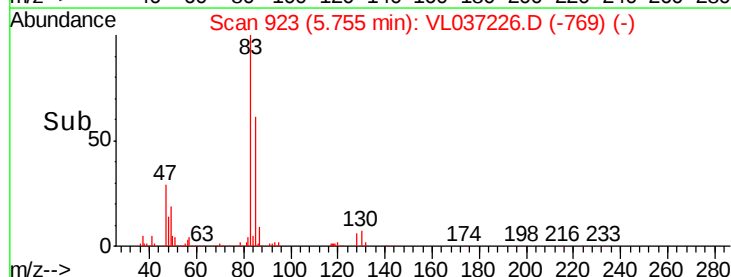
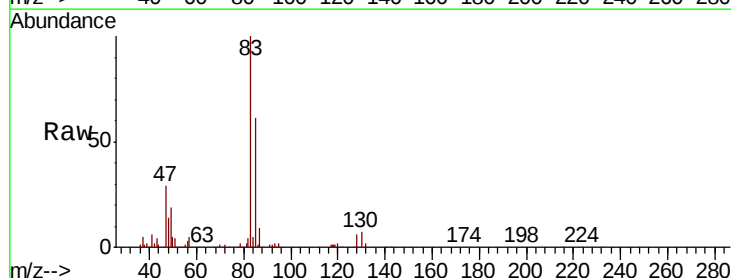
Acq: 22 Jun 2021 21:12

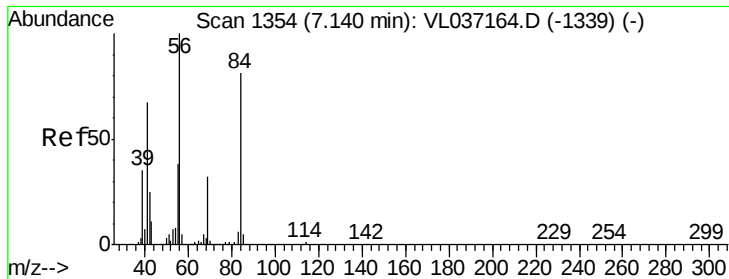
Tgt Ion: 83 Resp: 375974

Ion Ratio Lower Upper

83 100

85 60.8 53.6 80.4

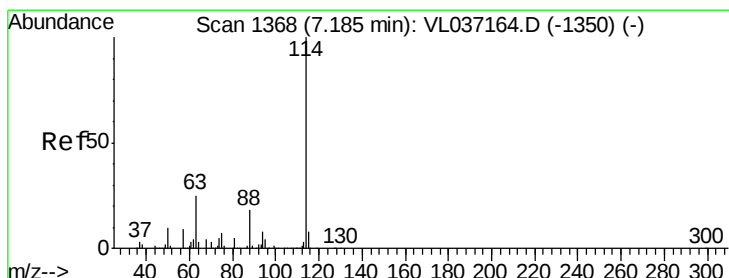
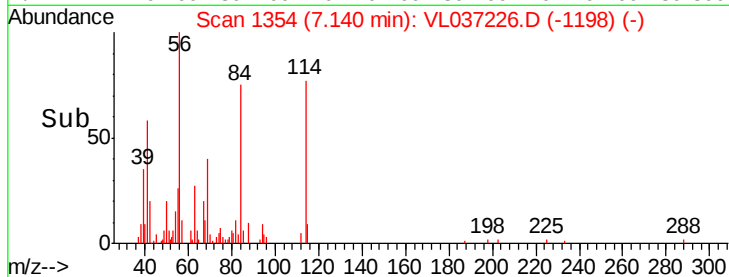
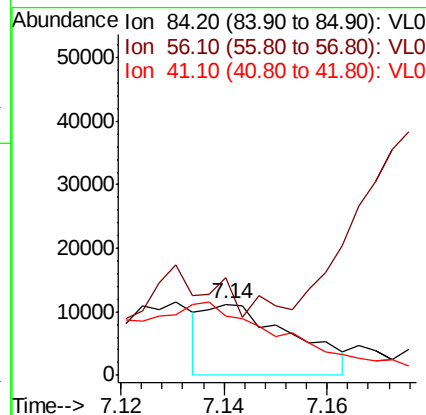
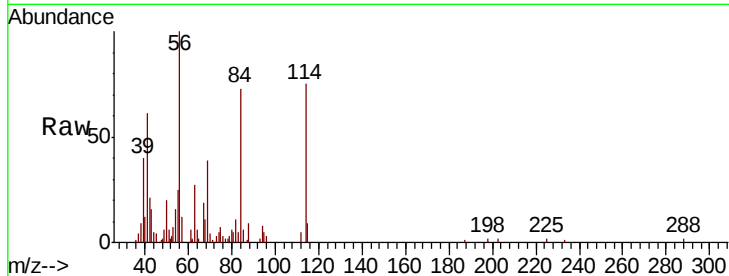




#30
Cvclohexane
Concen: 0.109 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

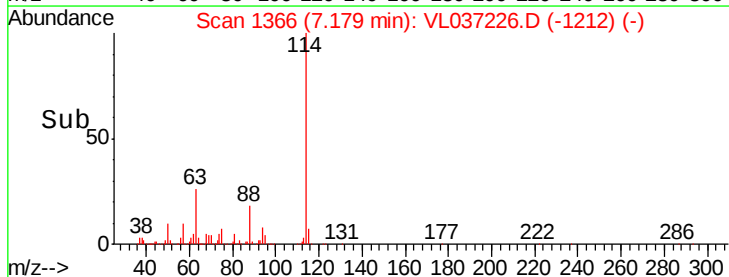
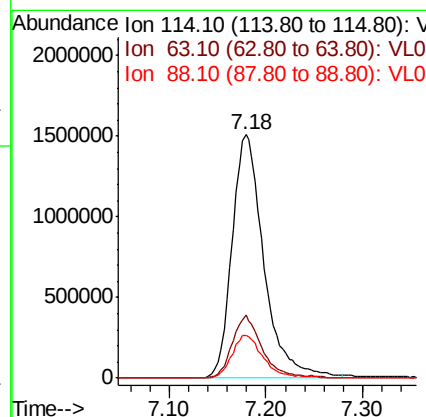
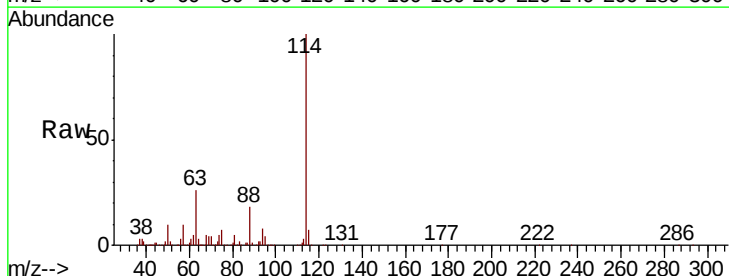
Instrument :
MSVOA_L
ClientSampleId :

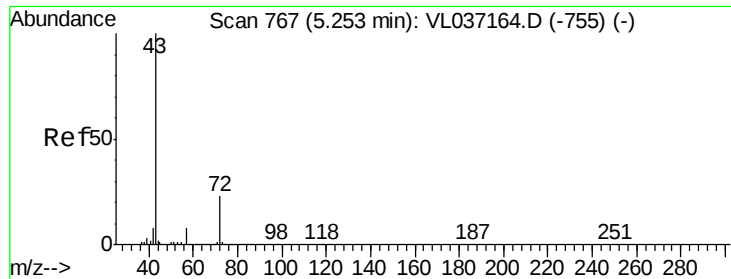
Tot Ion: 84 Resp: 13116
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 182.4 69.0 103.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion:114 Resp: 3450797
Ion Ratio Lower Upper
114 100
63 24.6 19.6 29.4
88 17.7 14.2 21.2

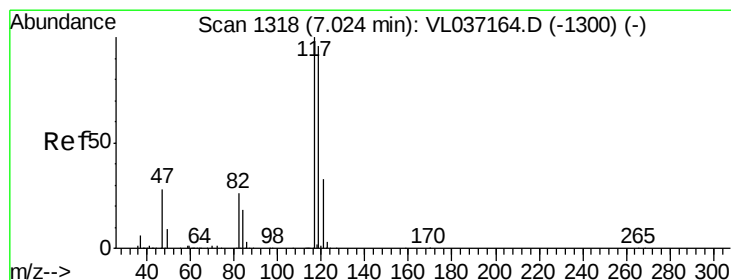
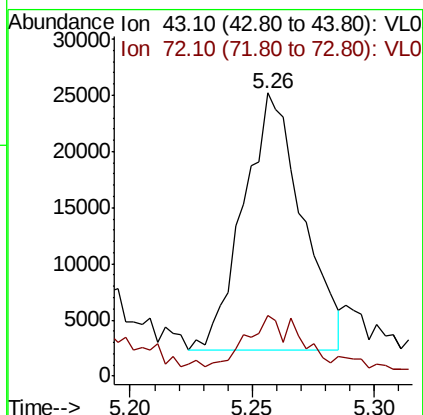
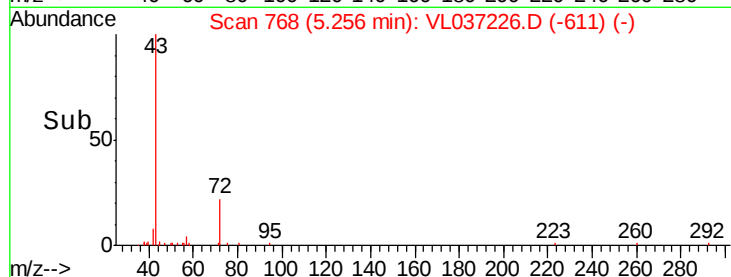
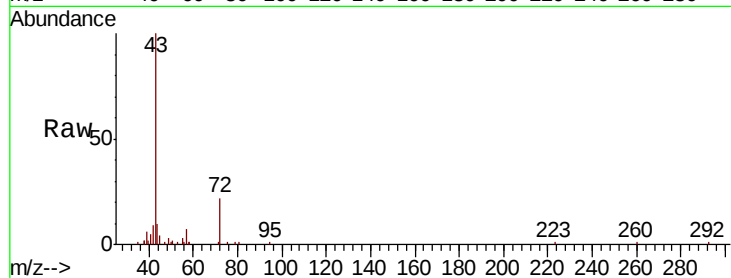




#34
2-Butanone
Concen: 0.286 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

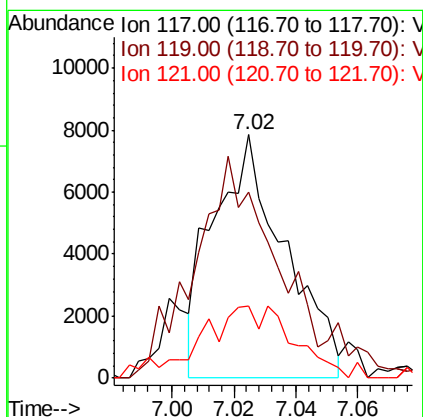
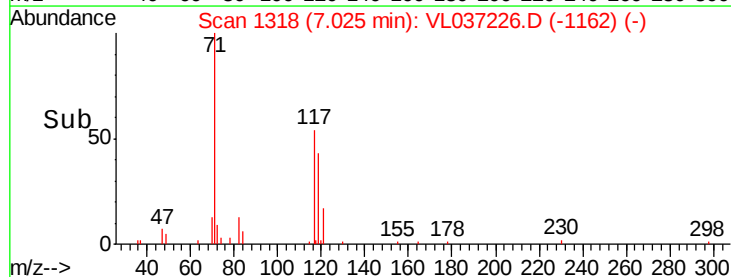
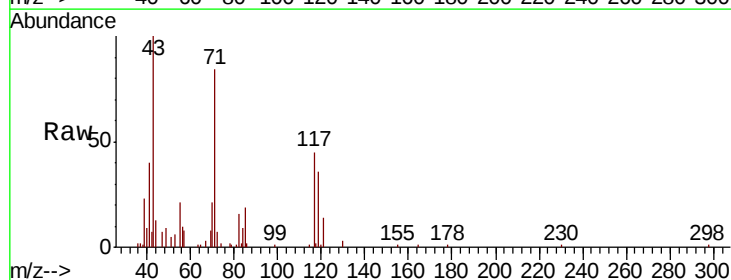
Instrument :
MSVOA_L
ClientSampleId :

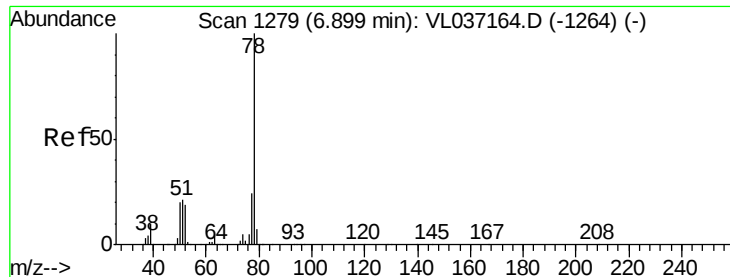
Tot Ion: 43 Resp: 38415
Ion Ratio Lower Upper
43 100
72 31.3 18.9 28.3#



#35
Carbon Tetrachloride
Concen: 0.054 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 117 Resp: 12557
Ion Ratio Lower Upper
117 100
119 59.0 76.6 114.8#
121 27.6 26.4 39.6





#36

Benzene

Concen: 0.137 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. -0.00 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

ClientSampled :

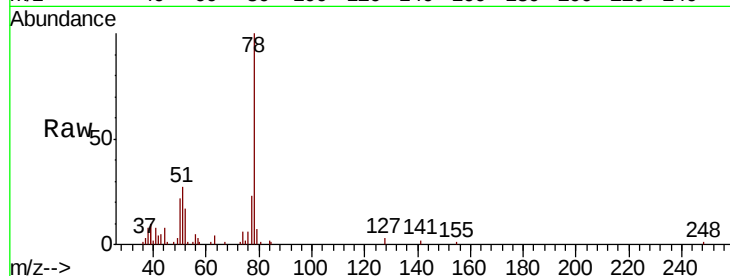
Tot Ion: 78 Resp: 38146

Ion Ratio Lower Upper

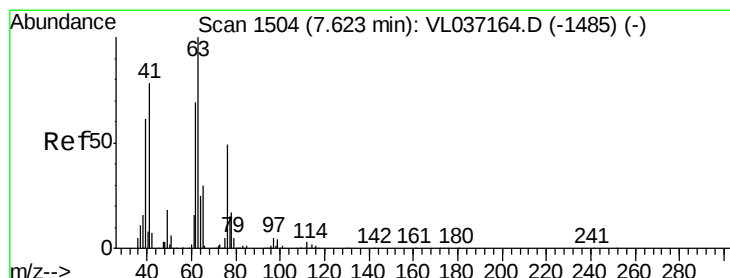
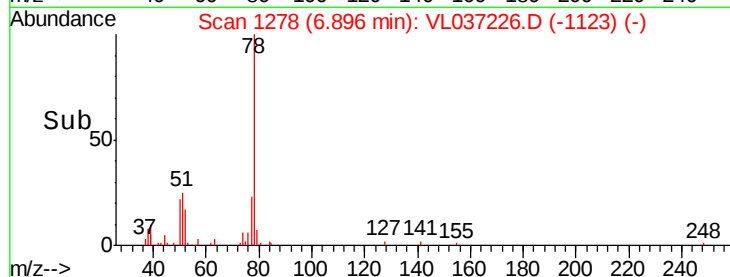
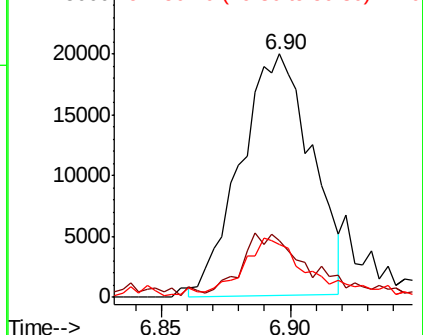
78 100

77 19.7 19.0 28.6

50 17.2 15.7 23.5



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



#39

1,2-Dichloropropane

Concen: 7.932 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.44 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

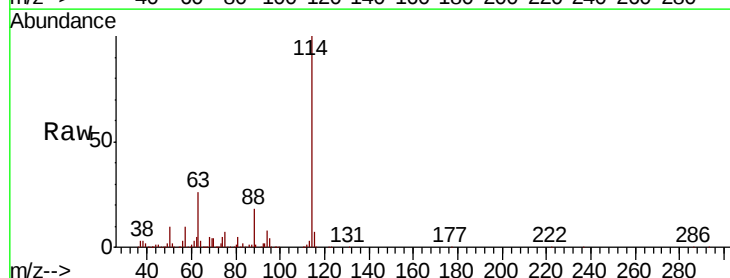
Tgt Ion: 63 Resp: 822435

Ion Ratio Lower Upper

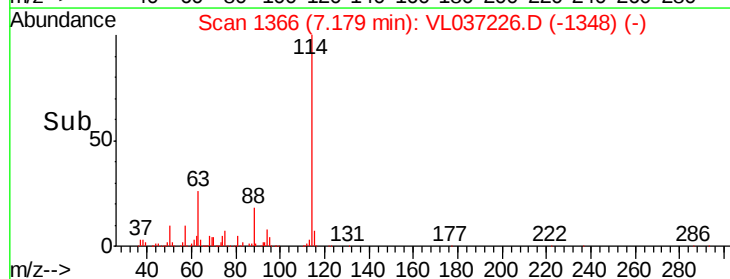
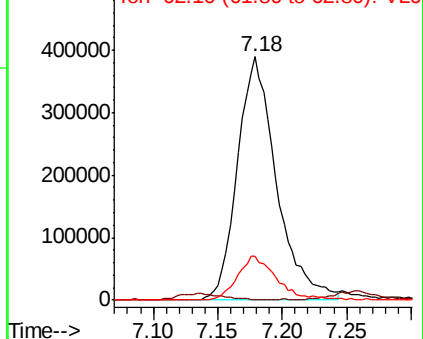
63 100

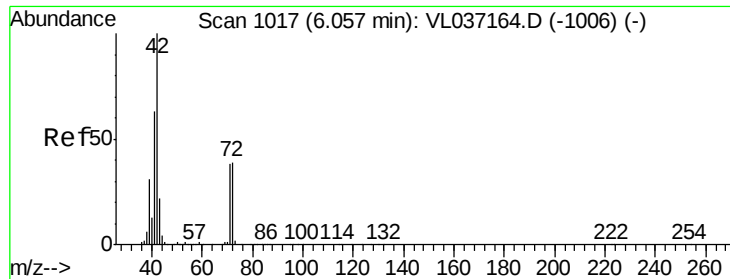
41 0.0 62.0 93.0#

62 18.1 54.9 82.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0

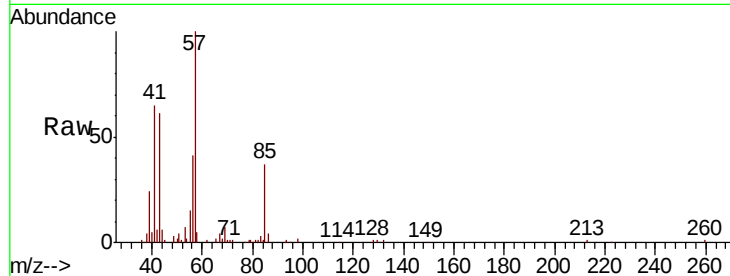




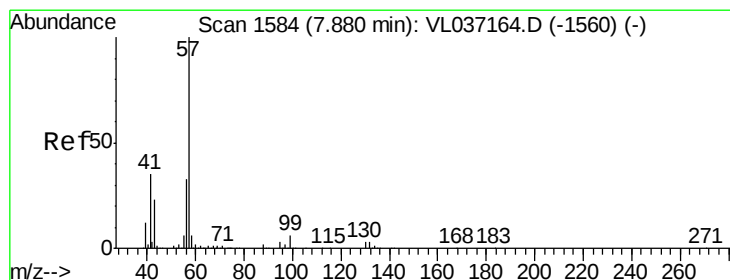
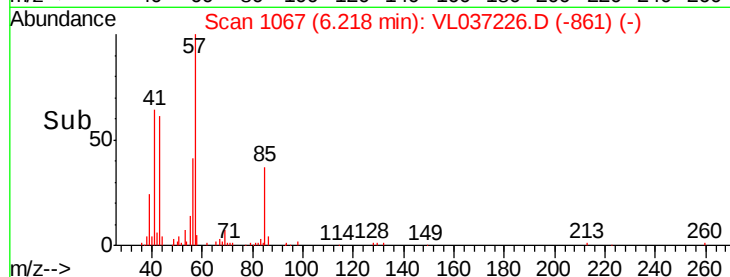
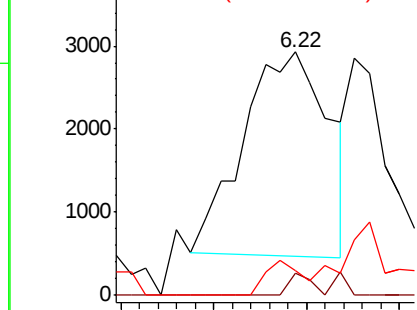
#41
Tetrahydrofuran
Concen: 0.050 ppbv
RT: 6.22 min Scan# 1067
Delta R.T. 0.16 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 42 Resp: 3128
Ion Ratio Lower Upper
42 100
72 4.6 33.0 49.4#
71 0.0 31.0 46.6#

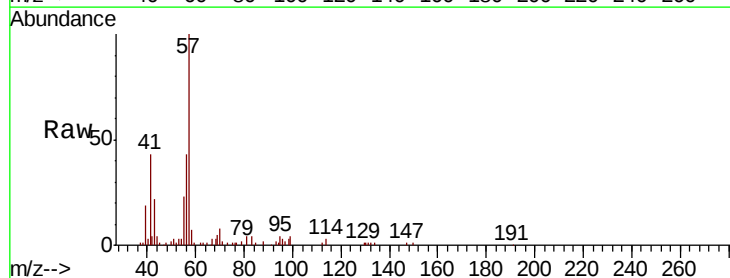


Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0

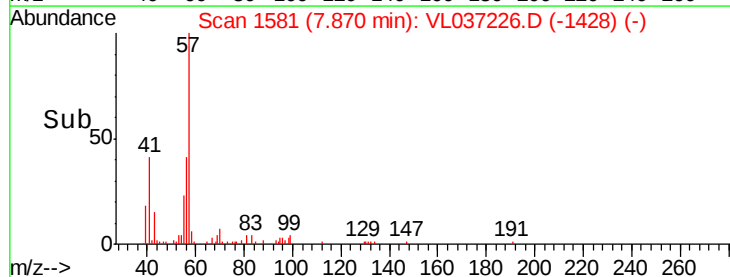
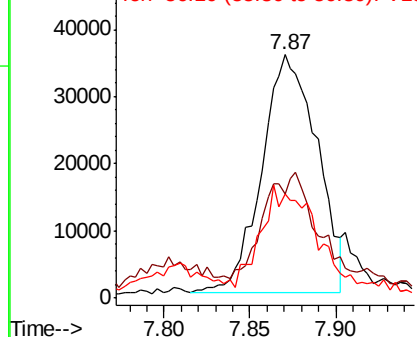


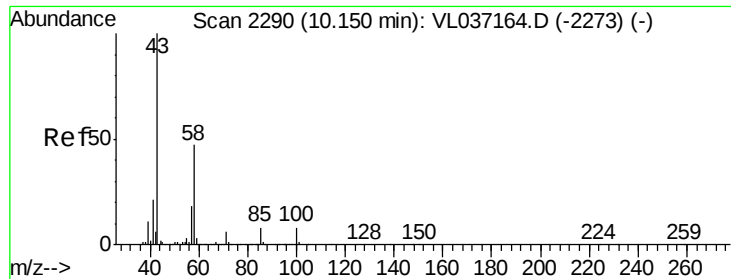
#44
2,2,4-Trimethylpentane
Concen: 0.168 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 57 Resp: 78760
Ion Ratio Lower Upper
57 100
41 62.3 27.6 41.4#
56 53.9 25.3 37.9#



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

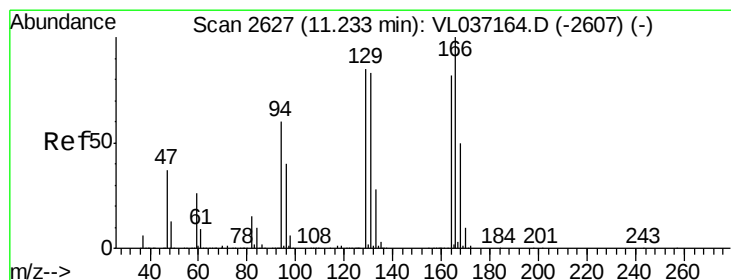
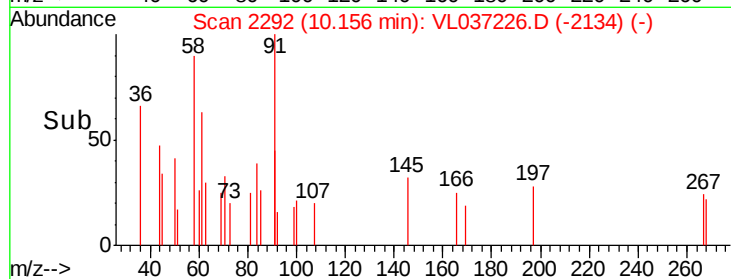
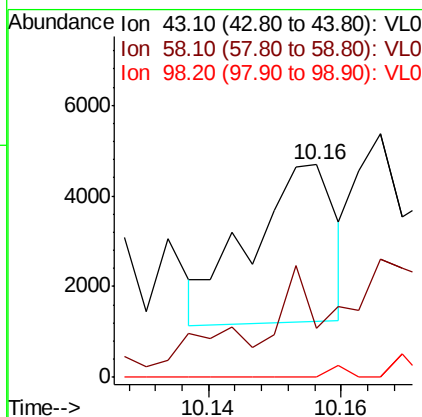
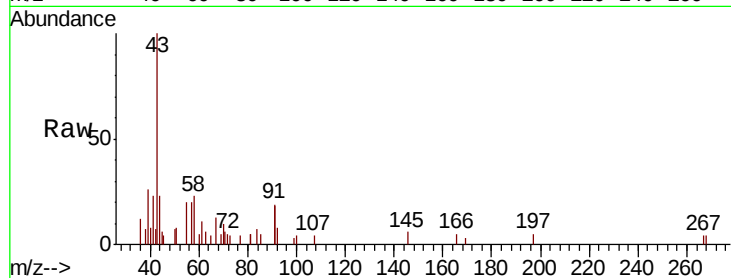




#51
2-Hexanone
Concen: 0.034 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

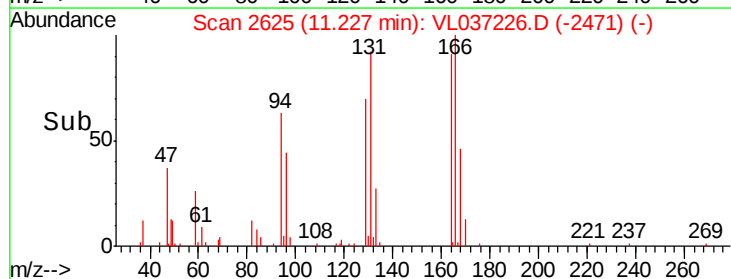
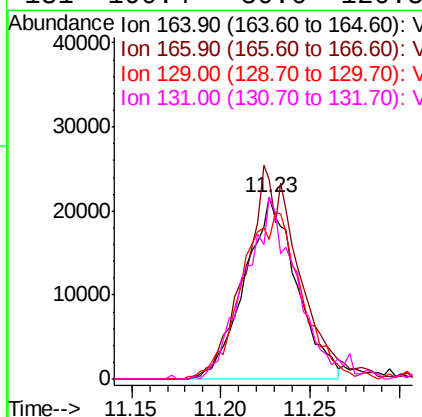
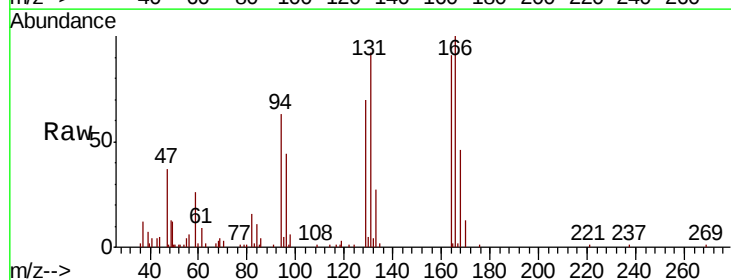
Instrument :
MSVOA_L
ClientSampleId :

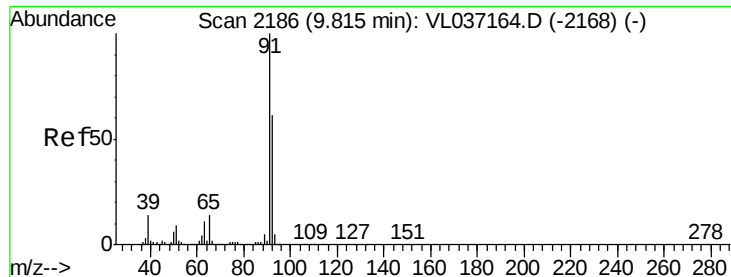
Tot Ion: 43 Resp: 3087
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.337 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 164 Resp: 43695
Ion Ratio Lower Upper
164 100
166 109.7 97.6 146.4
129 75.0 82.9 124.3#
131 100.4 80.6 120.8





#53

Toluene

Concen: 3.228 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

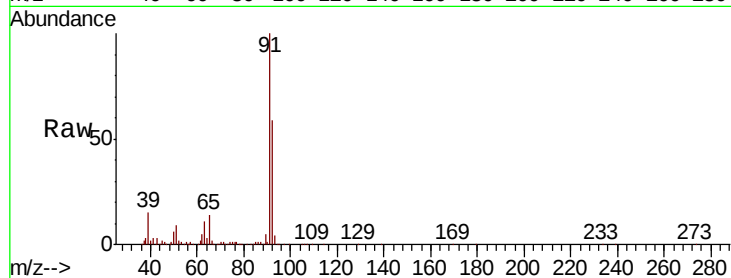
ClientSampled :

Tot Ion: 91 Resp: 1075904

Ion Ratio Lower Upper

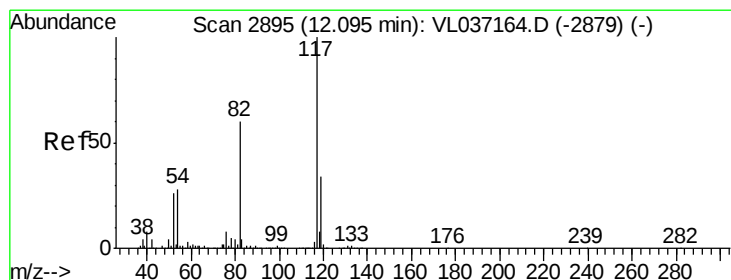
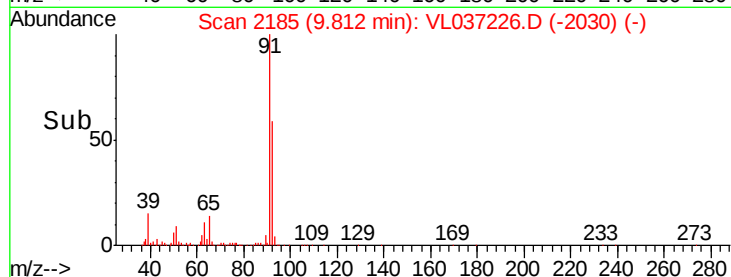
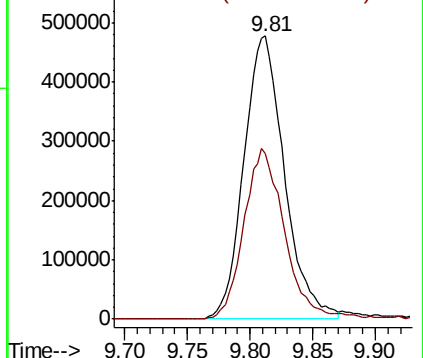
91 100

92 61.1 48.3 72.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

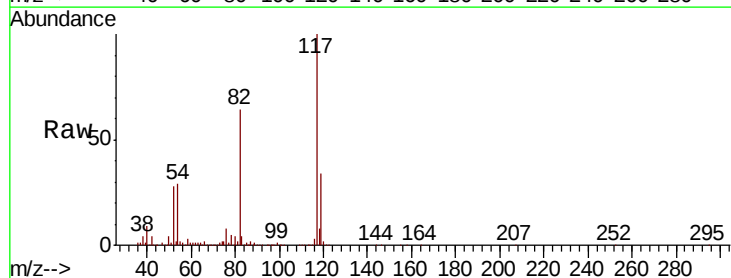
Tgt Ion: 117 Resp: 3179895

Ion Ratio Lower Upper

117 100

82 65.1 51.7 77.5

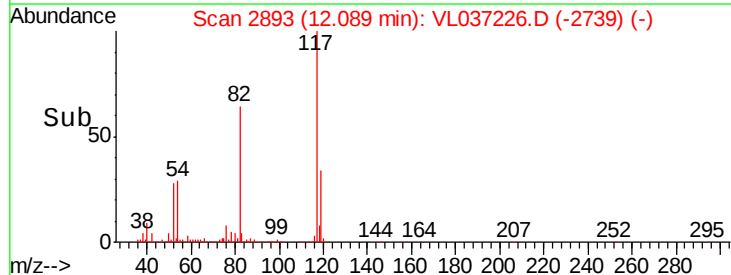
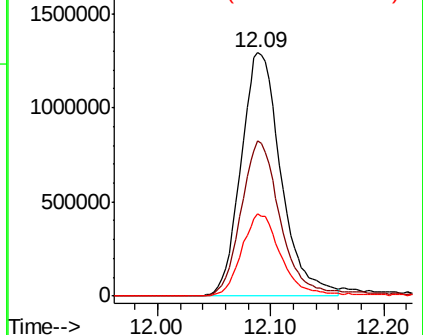
119 34.3 47.6 71.4#

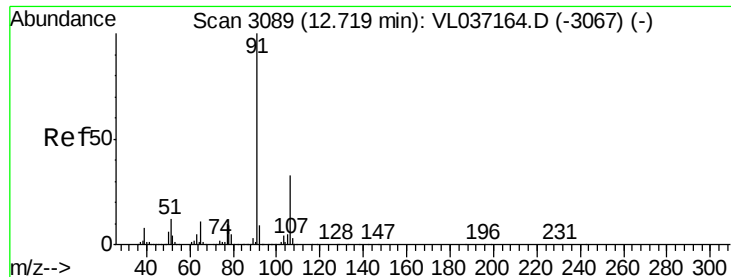


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.177 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. 0.27 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

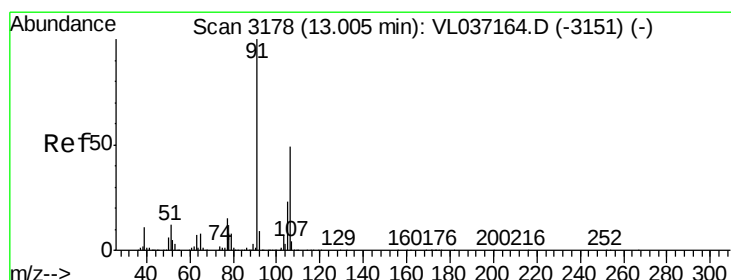
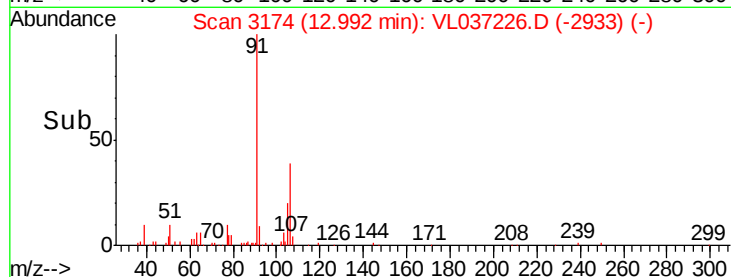
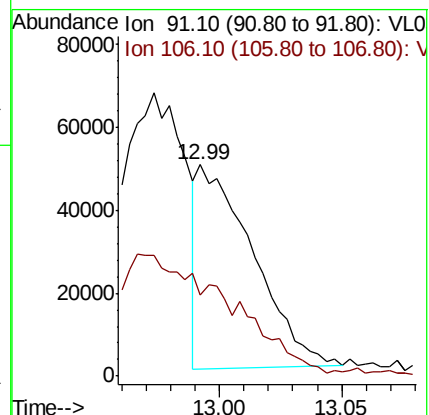
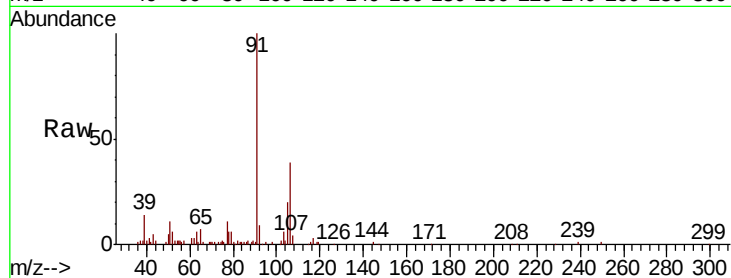
ClientSampled :

Tot Ion: 91 Resp: 77368

Ion Ratio Lower Upper

91 100

106 38.5 26.3 39.5



#59

m/p-Xylene

Concen: 0.209 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL037226.D

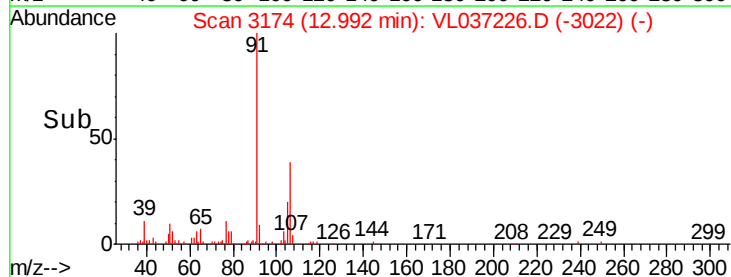
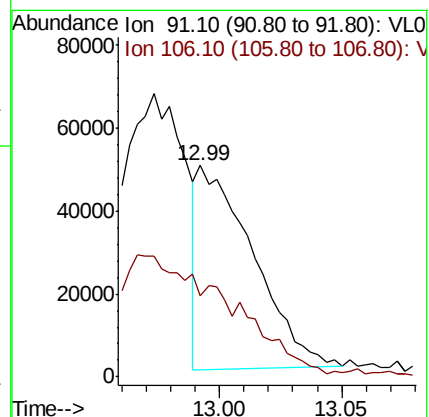
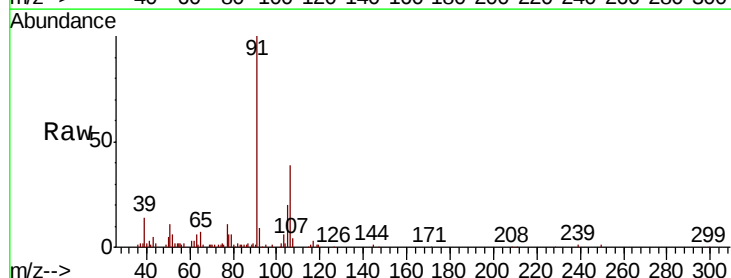
Acq: 22 Jun 2021 21:12

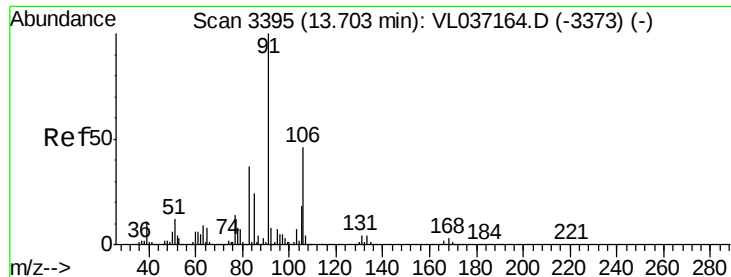
Tgt Ion: 91 Resp: 77368

Ion Ratio Lower Upper

91 100

106 0.0 37.0 55.4#

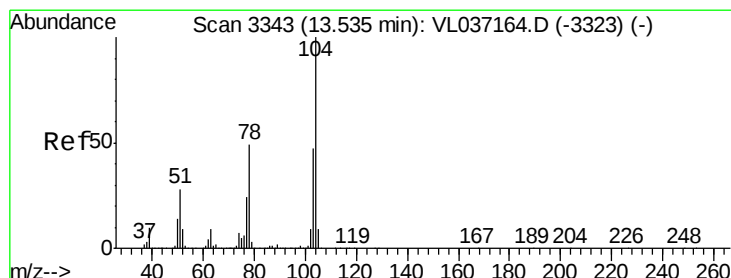
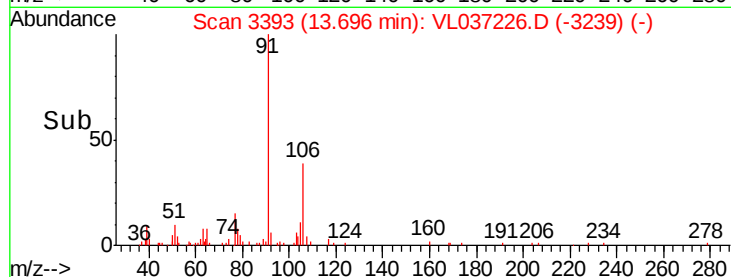
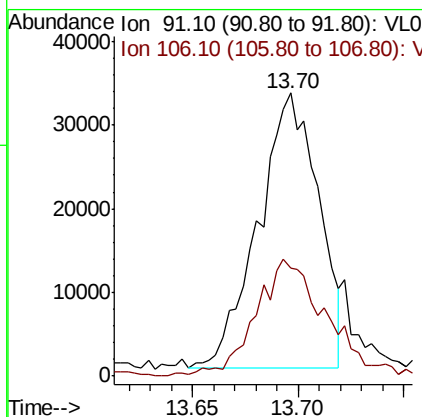
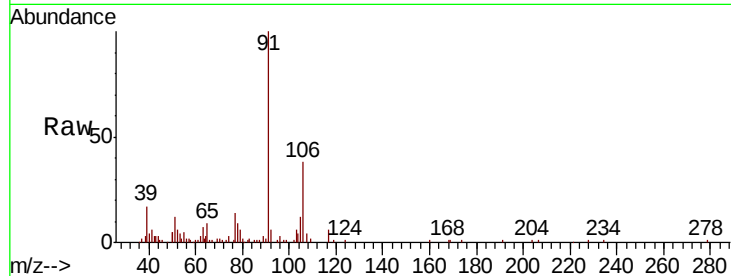




#60
o-Xylene
Concen: 0.185 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

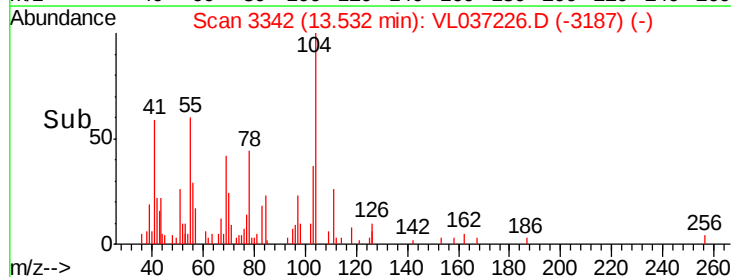
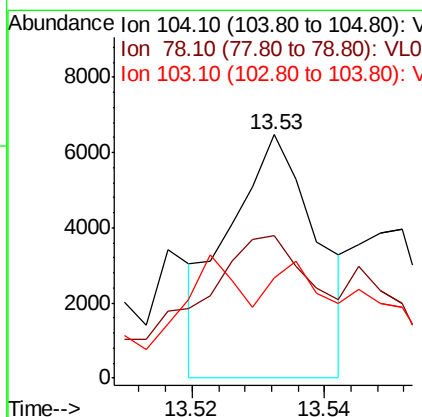
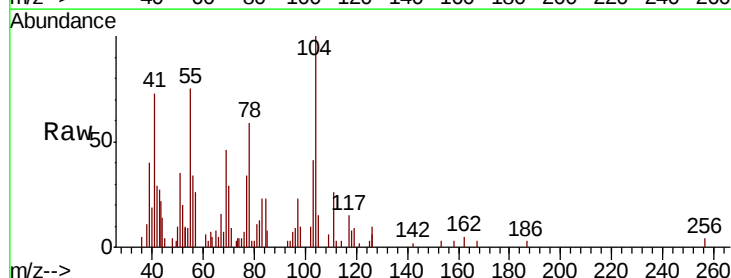
Instrument :
MSVOA_L
ClientSampleId :

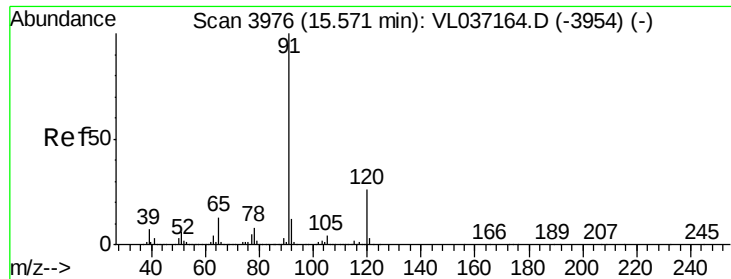
Tot Ion: 91 Resp: 65402
Ion Ratio Lower Upper
91 100
106 50.3 23.0 69.0



#61
Styrene
Concen: 0.033 ppbv
RT: 13.53 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VL037226.D
Acq: 22 Jun 2021 21:12

Tgt Ion: 104 Resp: 5974
Ion Ratio Lower Upper
104 100
78 146.0 39.7 59.5#
103 0.0 37.6 56.4#





#64

n-propylbenzene

Concen: 0.037 ppbv

RT: 15.76 min Scan# 4035

Delta R.T. 0.19 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

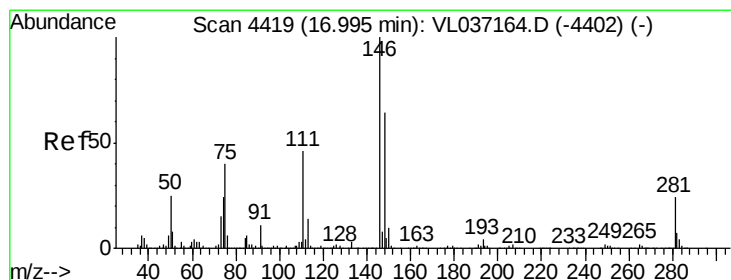
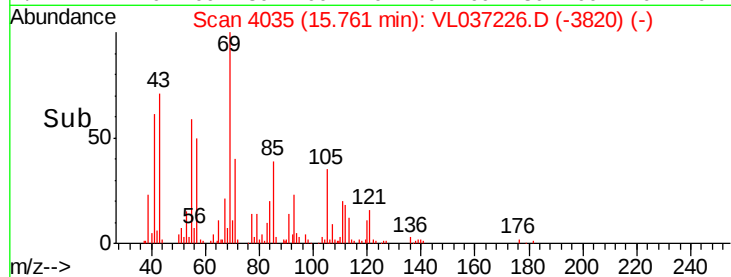
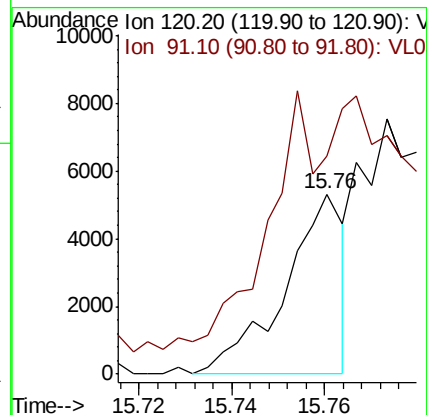
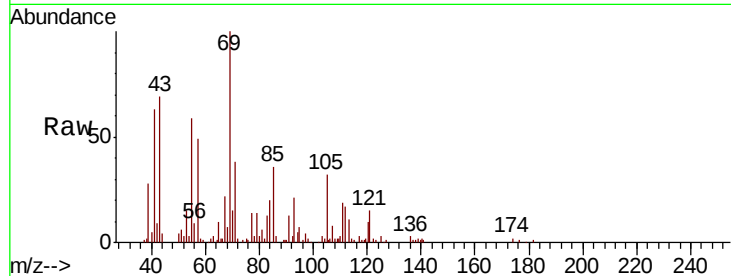
ClientSampleId :

Tot Ion:120 Resp: 4709

Ion Ratio Lower Upper

120 100

91 476.4 343.3 514.9



#66

Benzyl Chloride

Concen: 0.034 ppbv

RT: 17.03 min Scan# 4429

Delta R.T. 0.03 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

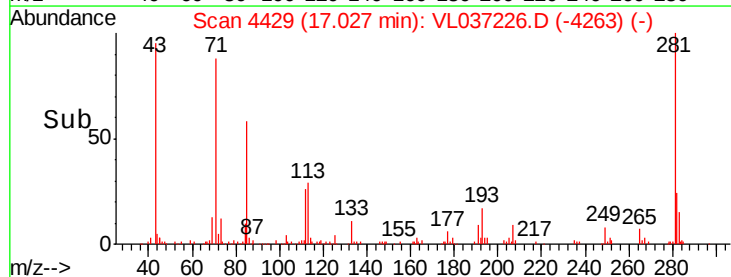
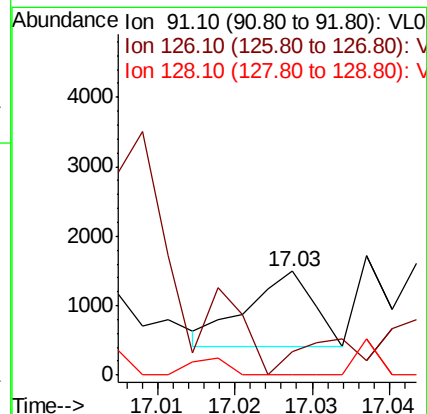
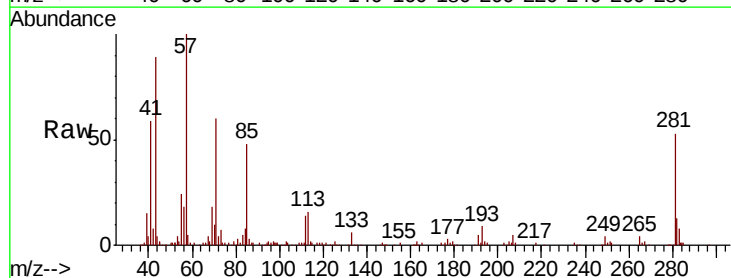
Tgt Ion: 91 Resp: 638

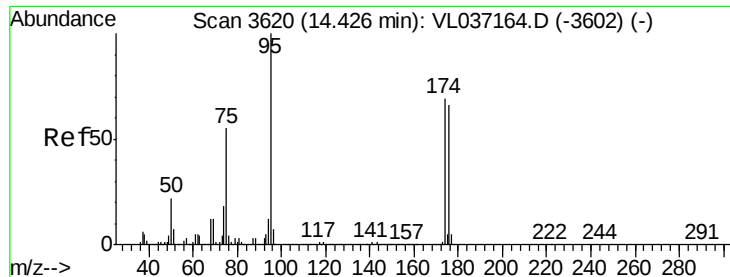
Ion Ratio Lower Upper

91 100

126 1082.0 15.5 23.3#

128 125.4 5.7 8.5#

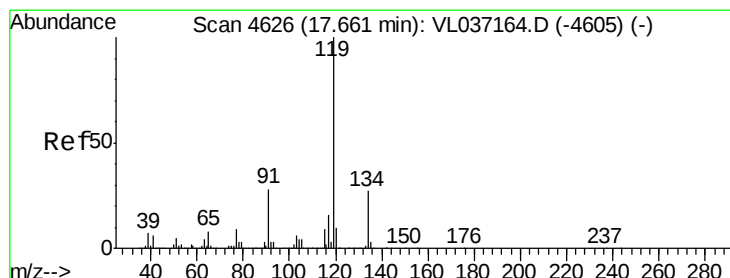
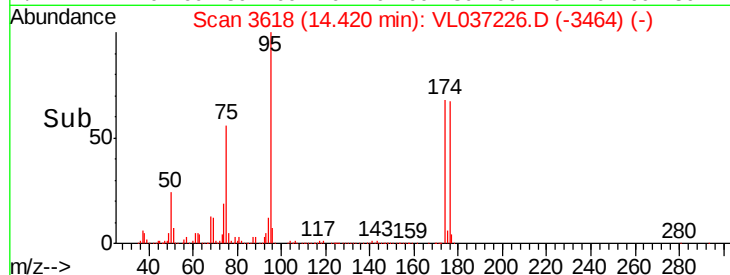
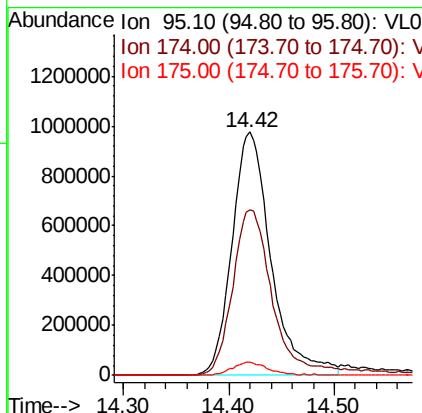
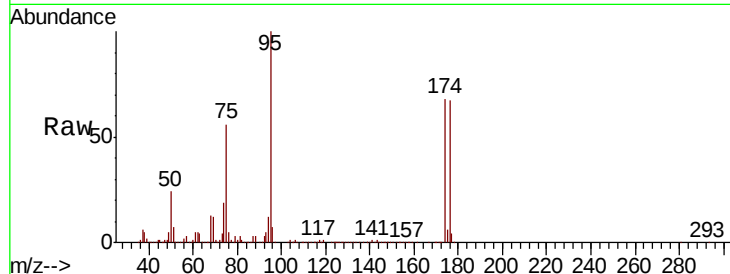




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.398 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL037226.D
 Acq: 22 Jun 2021 21:12

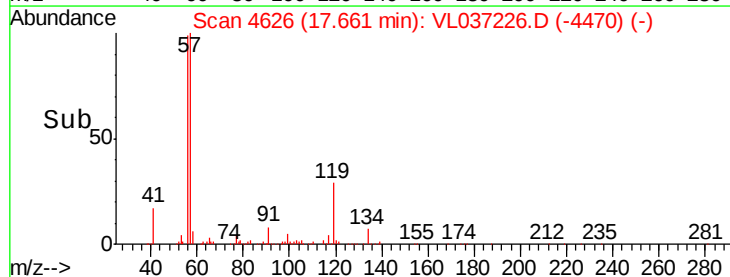
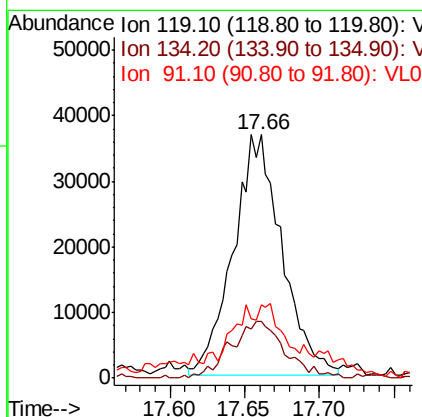
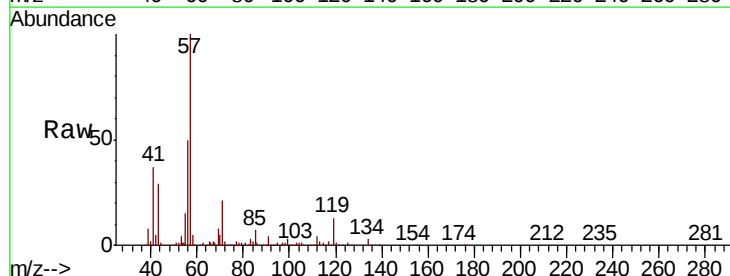
Instrument :
 MSVOA_L
 ClientSampleId :

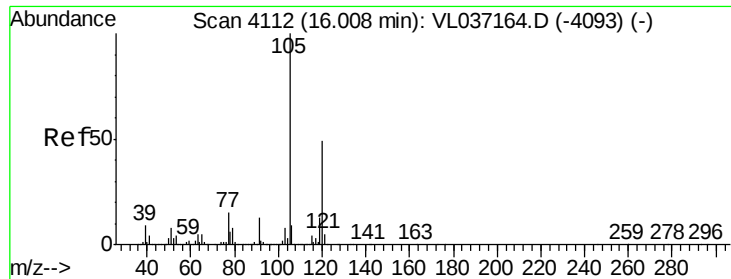
Tot Ion: 95 Resp: 2505398
 Ion Ratio Lower Upper
 95 100
 174 72.9 57.0 85.4
 175 5.4 4.4 6.6



#69
 p-Isopropyltoluene
 Concen: 0.166 ppbv
 RT: 17.66 min Scan# 4626
 Delta R.T. 0.00 min
 Lab File: VL037226.D
 Acq: 22 Jun 2021 21:12

Tgt Ion: 119 Resp: 83179
 Ion Ratio Lower Upper
 119 100
 134 26.6 20.9 31.3
 91 46.3 22.6 34.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.024 ppbv

RT: 16.00 min Scan# 4109

Delta R.T. -0.01 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Instrument :

MSVOA_L

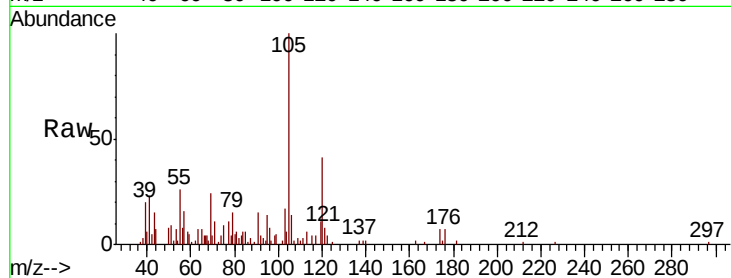
ClientSampled :

Tot Ion:105 Resp: 9234

Ion Ratio Lower Upper

105 100

120 46.0 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

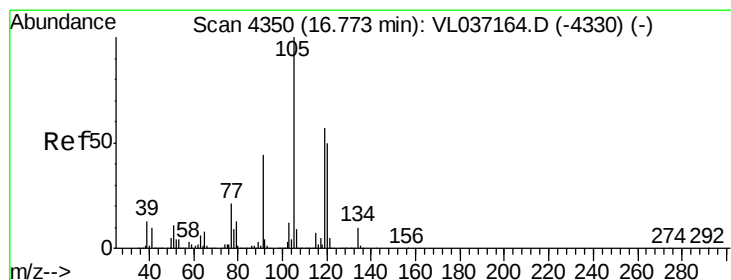
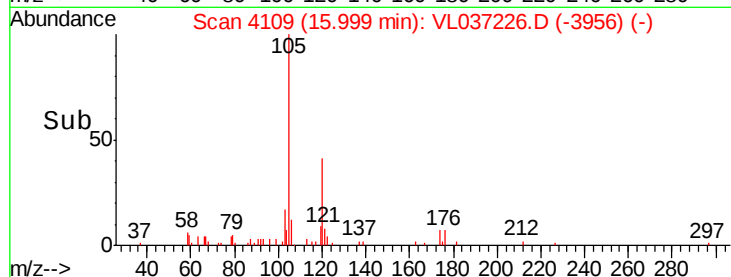
15000

10000

5000

0

Time--> 15.98 15.99 16.00



#74

1,2,4-Trimethylbenzene

Concen: 0.231 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.01 min

Lab File: VL037226.D

Acq: 22 Jun 2021 21:12

Tgt Ion:105 Resp: 92274

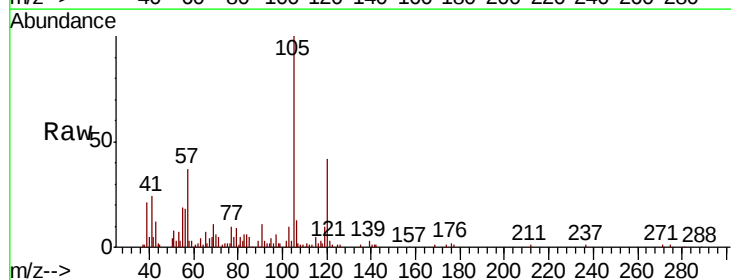
Ion Ratio Lower Upper

105 100

120 42.2 39.8 59.8

91 8.3 37.0 55.4#

77 6.6 17.0 25.4#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

60000

50000

40000

30000

20000

10000

0

Time--> 16.70 16.75 16.80

