

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091120\
 Data File : VU040103.D
 Acq On : 11 Sep 2020 13:59
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

Quant Time: Sep 12 05:11:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 13:27:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	31658	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	12647	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	12707	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	137285	9.804	ug/l 100
3) Chloromethane	1.53	50	111672	9.967	ug/l 99
4) Vinyl Chloride	1.61	62	121521	9.606	ug/l 99
5) Bromomethane	1.87	94	48180	12.150	ug/l 95
6) Chloroethane	1.94	64	67666	9.337	ug/l 95
7) Trichlorofluoromethane	2.15	101	167155	9.364	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	76570	9.601	ug/l 99
9) 1,1-Dichloroethene	2.59	96	57649	9.441	ug/l 97
13) Acetone	2.66	43	245274	53.005	ug/l 96
14) Carbon Disulfide	2.80	76	94205	8.820	ug/l 99
15) Methylene Chloride	3.06	84	79150	7.714	ug/l 96
16) trans-1,2-Dichloroethene	3.37	96	66265	10.096	ug/l 99
17) 1,1-Dichloroethane	3.89	63	155770	9.664	ug/l 100
18) 2-Butanone	4.73	43	371158	53.107	ug/l 100
19) Cyclohexane	5.40	56	102745	10.267	ug/l 99
20) Methylcyclohexane	6.77	83	111728	11.020	ug/l 98
22) cis-1,2-Dichloroethene	4.68	96	84607	10.226	ug/l 85
25) Methyl tert-Butyl Ether	3.38	73	232189	10.498	ug/l 98
26) Bromochloromethane	4.99	128	38751	9.636	ug/l 97
27) Chloroform	5.11	83	170772	9.686	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	144618	9.762	ug/l 99
30) Carbon Tetrachloride	5.54	117	118465	9.735	ug/l 99
35) Benzene	5.79	78	314511	9.945	ug/l 98
36) 1,2-Dichloroethane	5.81	62	121667	9.573	ug/l 99
37) Trichloroethene	6.55	130	82128	10.110	ug/l 96
38) 1,2-Dichloropropane	6.80	63	92903	9.491	ug/l 98
44) Bromodichloromethane	7.11	83	130743	9.774	ug/l 99
45) 4-Methyl-2-Pentanone	7.80	43	848769	53.207	ug/l 99
46) t-1,4-Dichloro-2-butene	10.82	75	75816	19.732	ug/l # 16
49) Toluene	7.97	92	209116	10.426	ug/l 100
50) t-1,3-Dichloropropene	8.21	75	131945	10.529	ug/l 96
51) cis-1,3-Dichloropropene	7.61	75	135621	10.518	ug/l 99
52) 1,1,2-Trichloroethane	8.40	97	72112	9.274	ug/l 98
54) 2-Hexanone	8.69	43	627885	55.681	ug/l 99
55) Dibromochloromethane	8.81	129	86866	9.660	ug/l 98
56) 1,2-Dibromoethane	8.93	107	68407	9.572	ug/l 99
58) Tetrachloroethene	8.56	164	60276	9.981	ug/l 98
59) Chlorobenzene	9.45	112	237909	10.087	ug/l 98
63) Ethyl Benzene	9.57	91	424244	10.832	ug/l 100
64) m/p-Xylenes	9.69	106	159241	21.407	ug/l 100
65) o-Xylene	10.10	106	158182	11.083	ug/l 96

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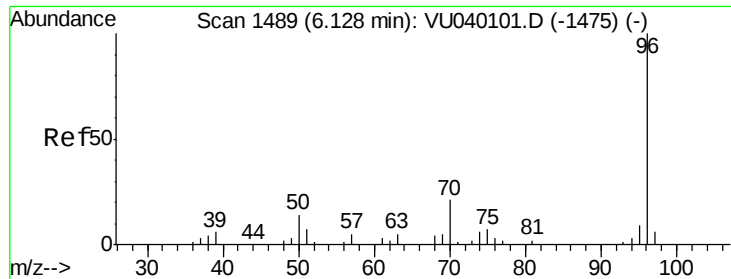
Instrument :
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Quant Time: Sep 12 05:11:09 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

66) Styrene	10.11	104	282923	11.105	ug/l	99
67) Bromoform	10.29	173	47030	9.987	ug/l	99
69) Isopropylbenzene	10.48	105	436440	11.038	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	98096	9.688	ug/l	99
71) 1,2,3-Trichloropropane	10.82	75	75816	9.796	ug/l	82
75) 1,3,5-Trimethylbenzene	11.09	105	391712	11.368	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	396287	11.561	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	202074	10.140	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	204092	10.474	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	193194	10.402	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	18922	10.980	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	126444	11.846	ug/l	100
89) Naphthalene	14.08	128	260293	13.209	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	117559	11.590	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091120

Tot Ion: 96 Resp: 31658

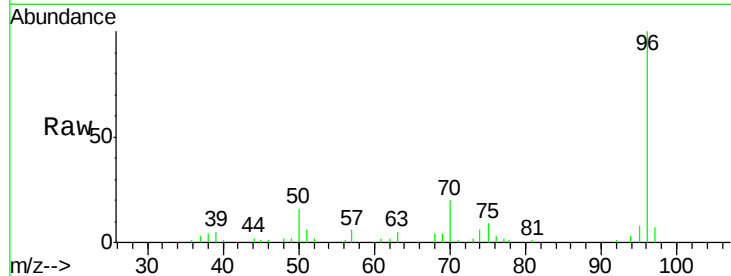
Ion Ratio Lower Upper

96 100

70 21.5 17.1 25.7

95 8.7 7.6 11.4

97 0.0 0.0 0.0

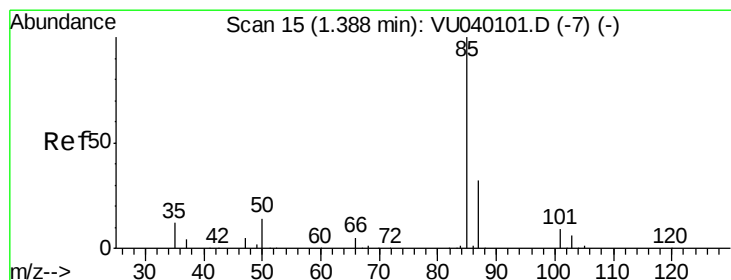
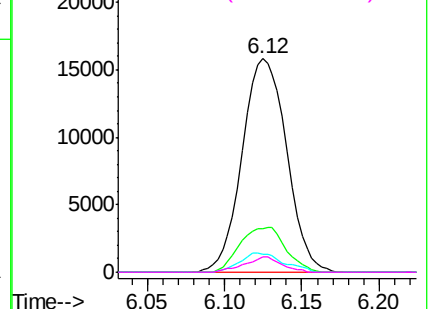
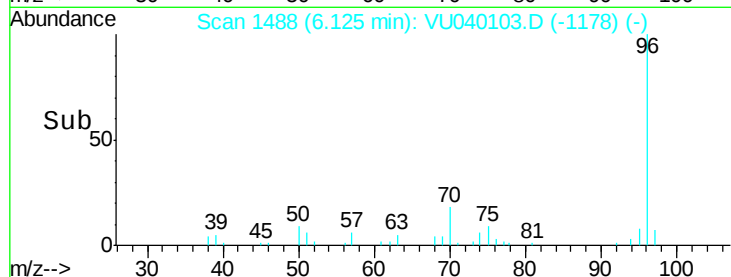


Abundance Ion 96.00 (95.70 to 96.70): VU040103.D (-1178) (-)

Ion 70.00 (69.70 to 70.70): VU040103.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): VU040103.D (-1178) (-)

Ion 97.00 (96.70 to 97.70): VU040103.D (-1178) (-)



#2

Dichlorodifluoromethane

Concen: 9.804 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040103.D

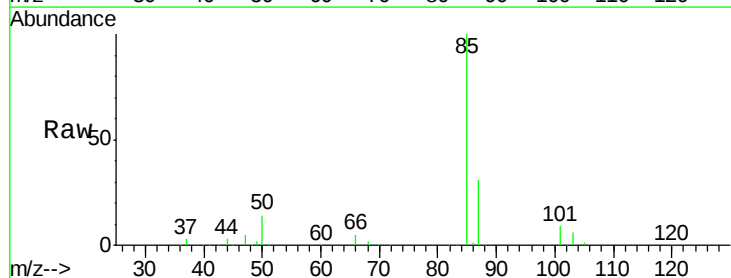
Acq: 11 Sep 2020 13:59

Tgt Ion: 85 Resp: 137285

Ion Ratio Lower Upper

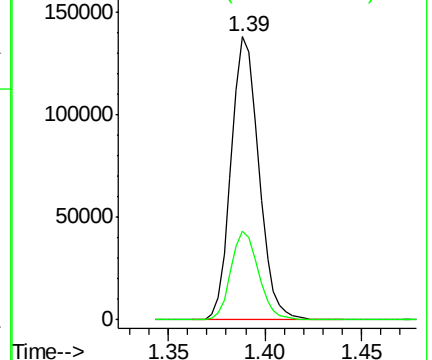
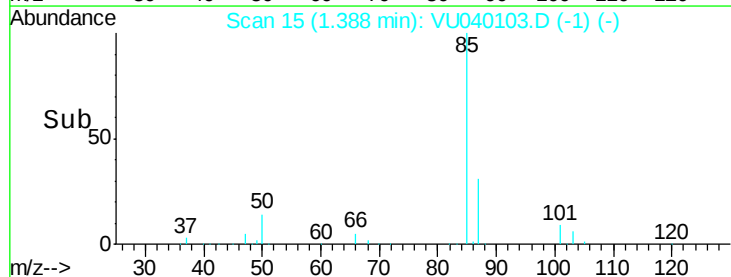
85 100

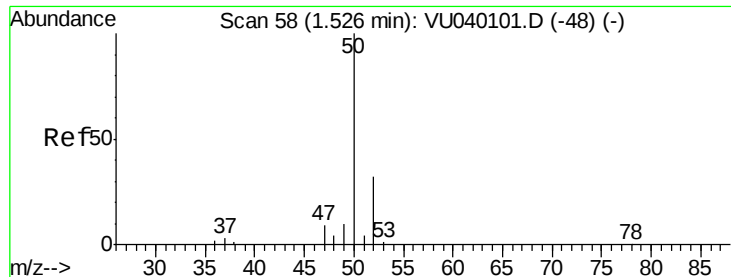
87 31.4 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU040103.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU040103.D (-1) (-)





#3

Chloromethane

Concen: 9.967 ug/l

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

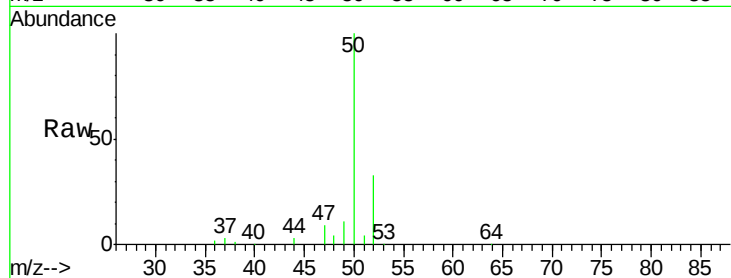
ICVVU091120

Tot Ion: 50 Resp: 111672

Ion Ratio Lower Upper

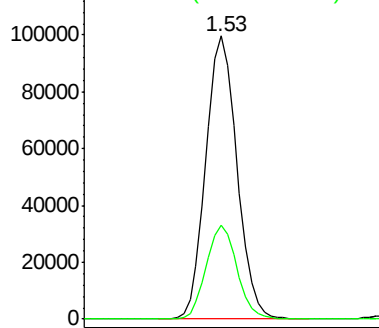
50 100

52 33.1 25.9 38.9

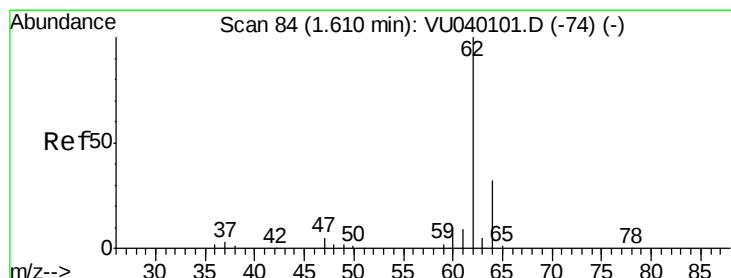
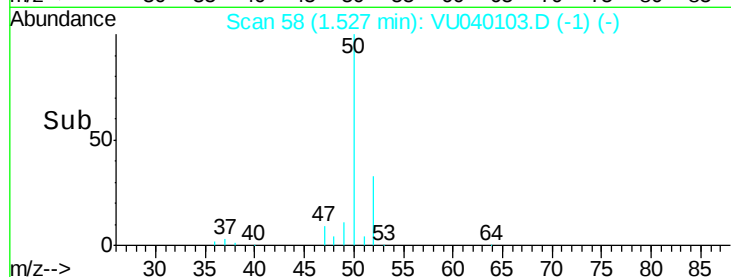


Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



Time-->



#4

Vinyl Chloride

Concen: 9.606 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040103.D

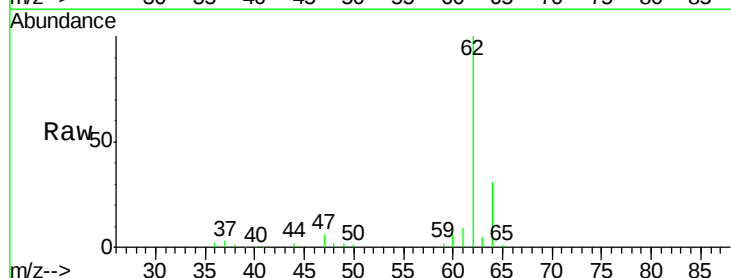
Acq: 11 Sep 2020 13:59

Tgt Ion: 62 Resp: 121521

Ion Ratio Lower Upper

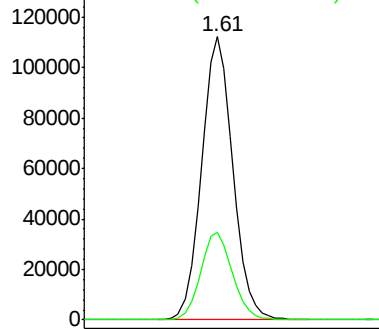
62 100

64 30.9 25.4 38.0

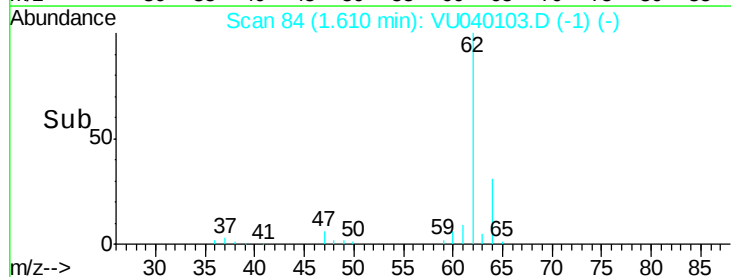


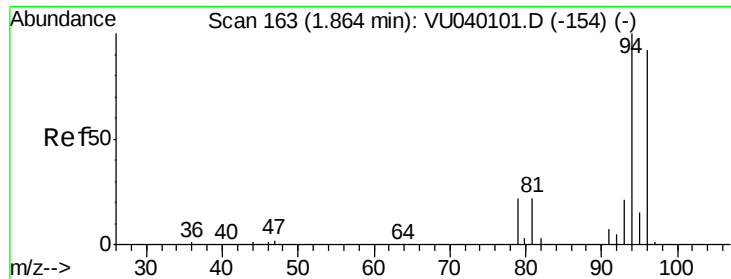
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



Time-->

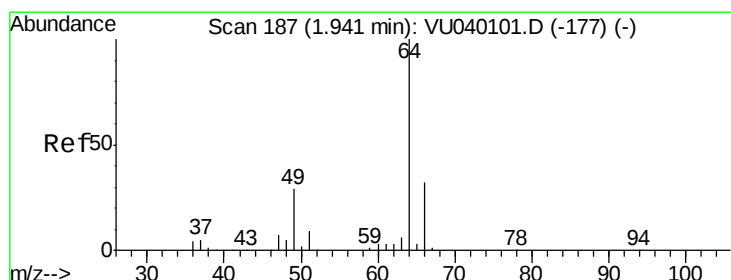
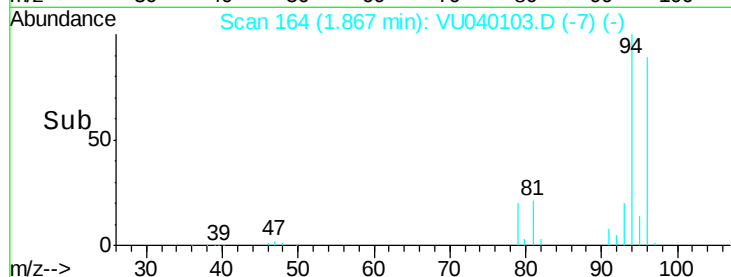
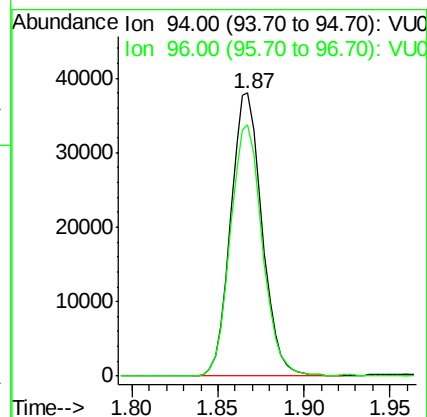
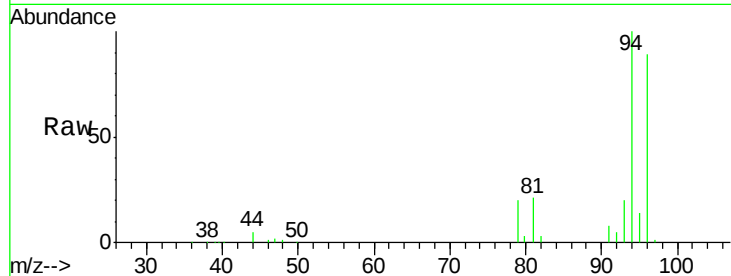




#5
Bromomethane
Concen: 12.150 ug/l
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

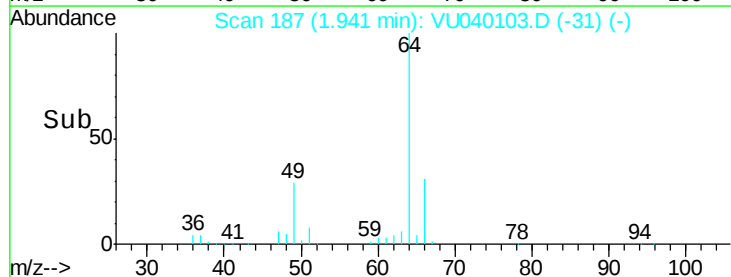
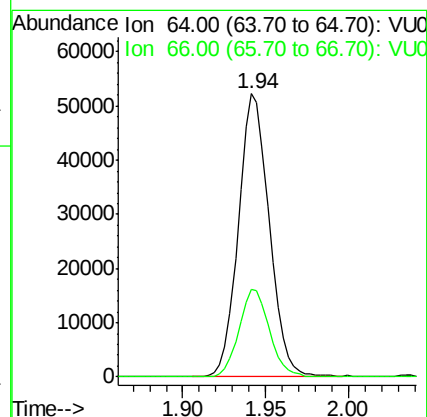
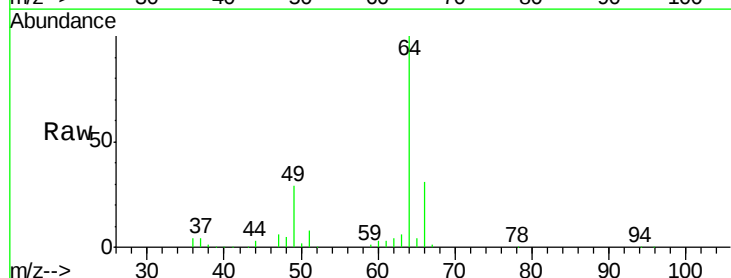
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

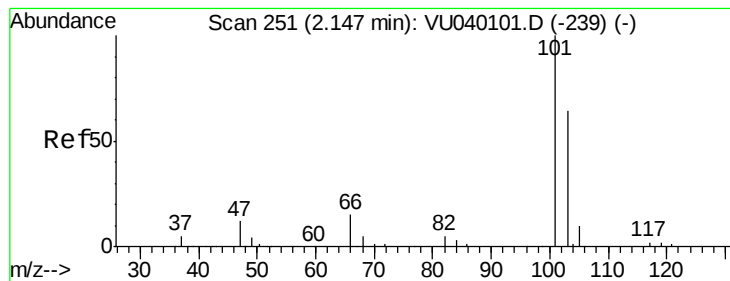
Tot Ion: 94 Resp: 48180
Ion Ratio Lower Upper
94 100
96 89.0 75.4 113.2



#6
Chloroethane
Concen: 9.337 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 64 Resp: 67666
Ion Ratio Lower Upper
64 100
66 30.7 26.7 40.1





#7

Trichlorofluoromethane

Concen: 9.364 ug/l

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

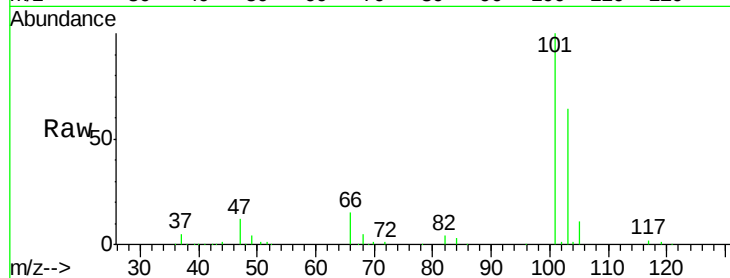
ICVVU091120

Tot Ion:101 Resp: 167155

Ion Ratio Lower Upper

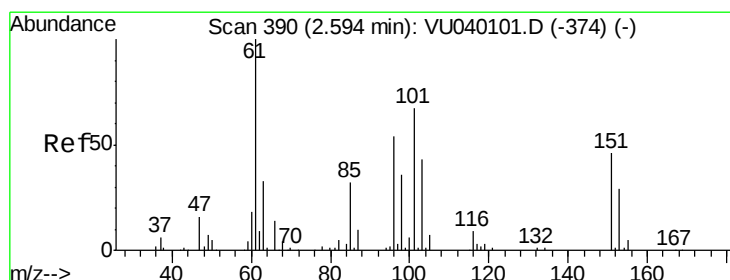
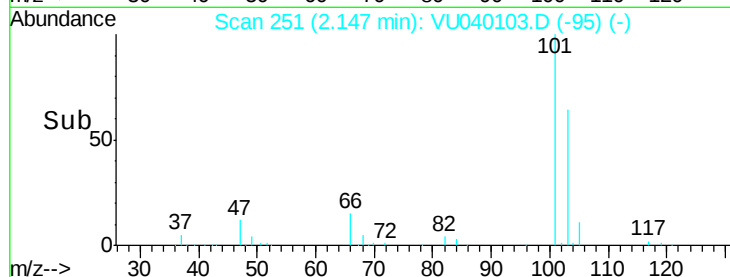
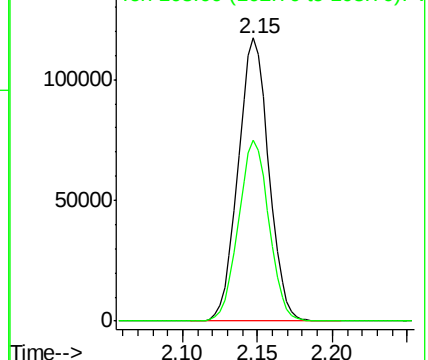
101 100

103 63.7 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.601 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

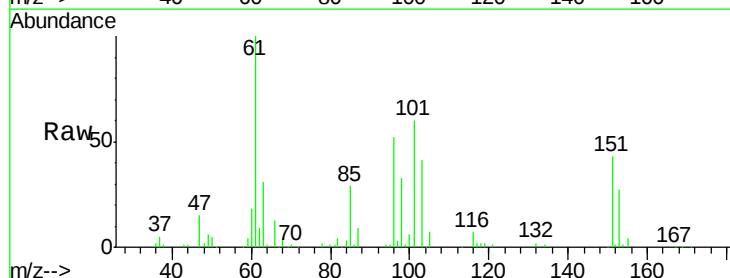
Tgt Ion:101 Resp: 76570

Ion Ratio Lower Upper

101 100

85 48.2 38.5 57.7

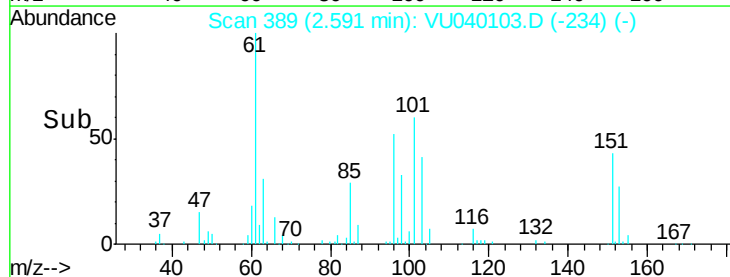
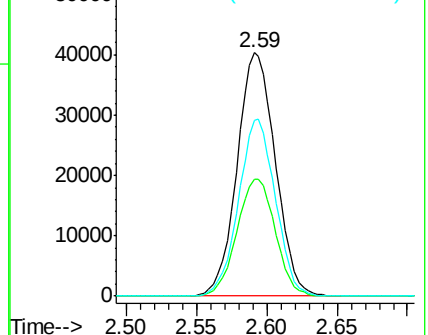
151 70.1 54.6 81.8

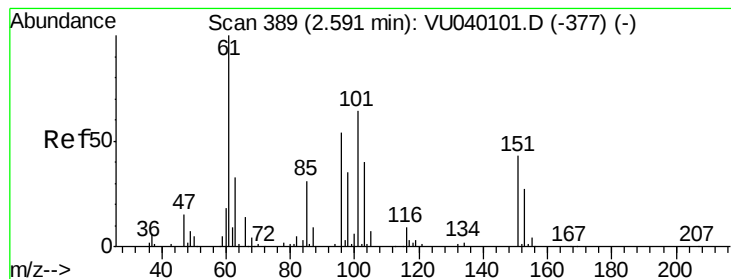


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 9.441 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091120

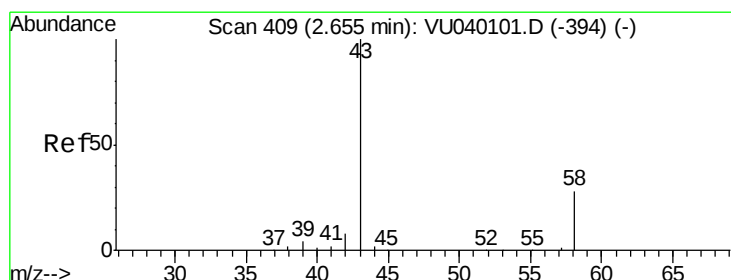
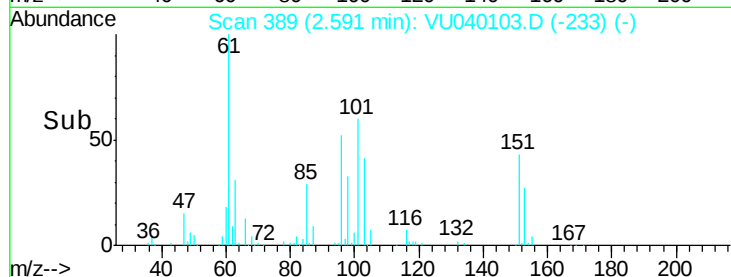
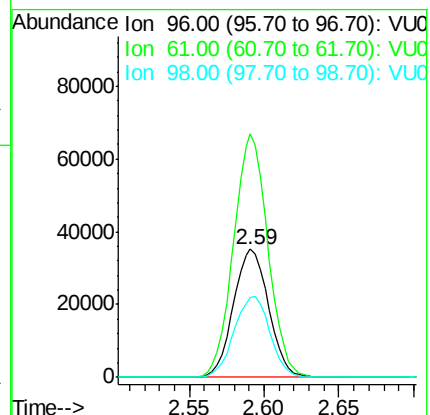
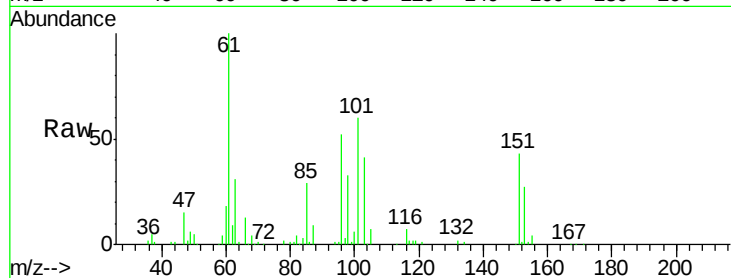
Tot Ion: 96 Resp: 57649

Ion Ratio Lower Upper

96 100

61 190.5 0.0 557.1

98 62.6 0.0 125.6



#13

Acetone

Concen: 53.005 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040103.D

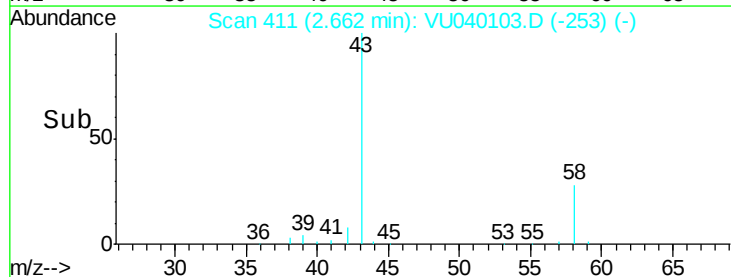
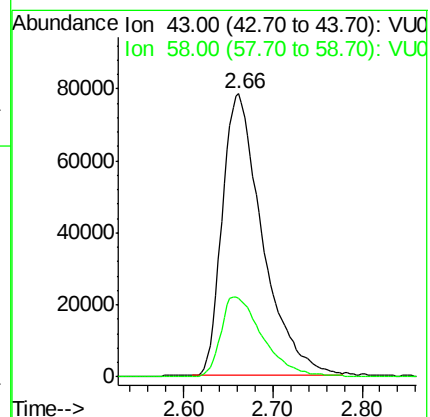
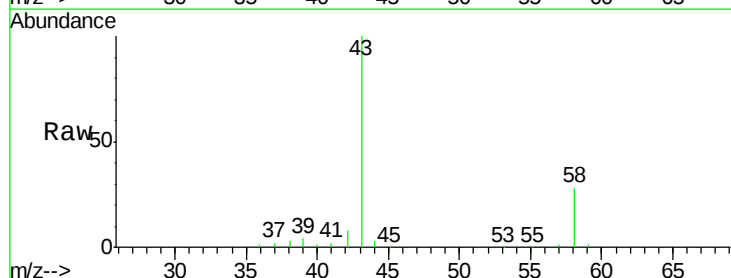
Acq: 11 Sep 2020 13:59

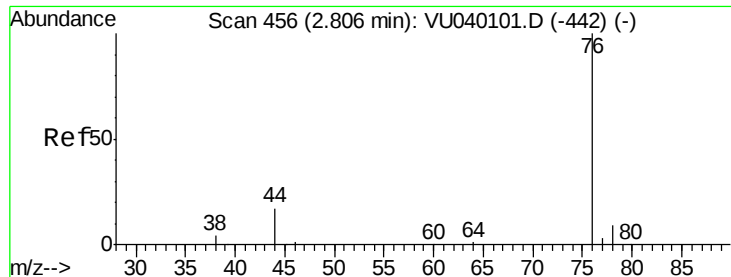
Tgt Ion: 43 Resp: 245274

Ion Ratio Lower Upper

43 100

58 27.9 20.6 31.0





#14

Carbon Disulfide

Concen: 8.820 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

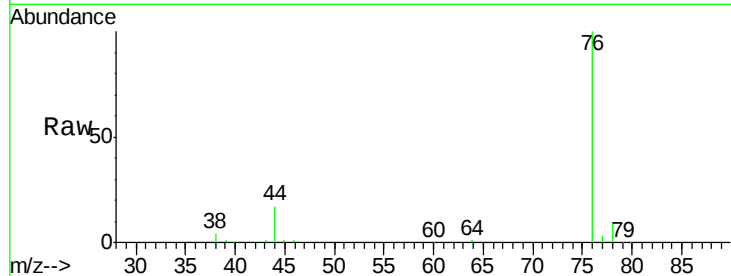
ICVVU091120

Tot Ion: 76 Resp: 94205

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

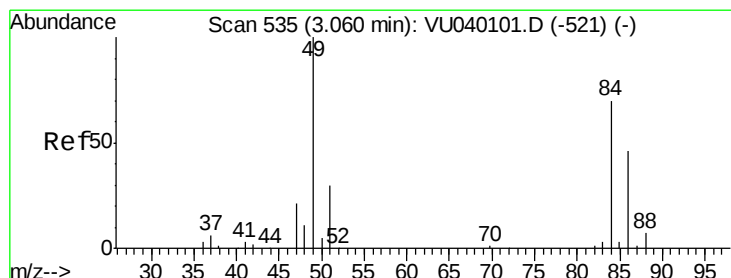
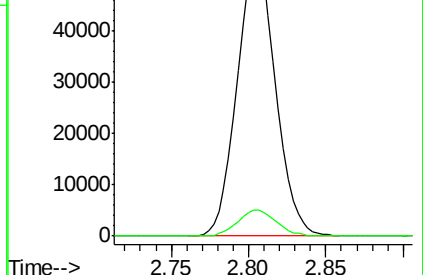
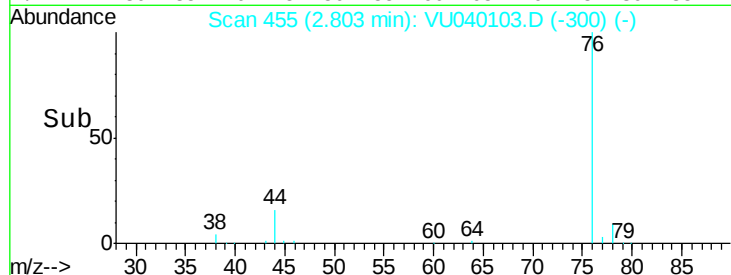


Abundance Ion 76.00 (75.70 to 76.70): VU040101.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040101.D (-442) (-)

2.80

Time-->



#15

Methylene Chloride

Concen: 7.714 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Tgt Ion: 84 Resp: 79150

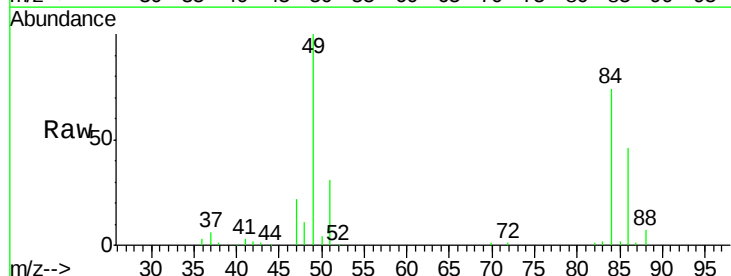
Ion Ratio Lower Upper

84 100

49 135.8 114.3 171.5

51 42.7 0.0 84.6

86 62.4 50.6 76.0



Abundance Ion 84.00 (83.70 to 84.70): VU040101.D (-521) (-)

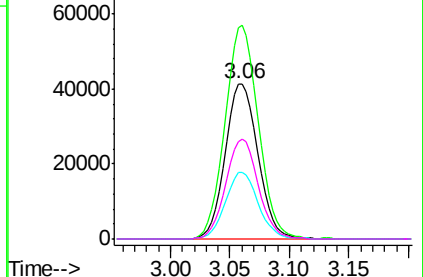
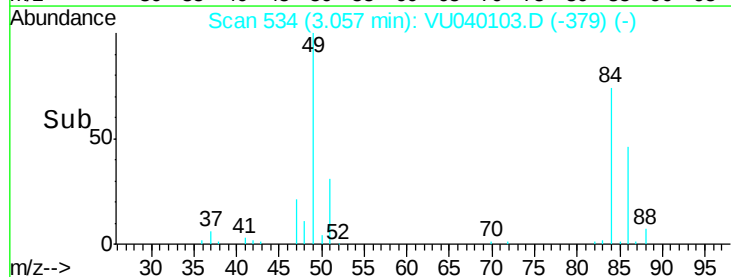
Ion 49.00 (48.70 to 49.70): VU040101.D (-521) (-)

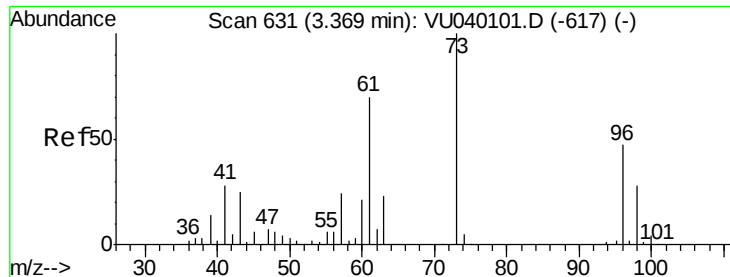
Ion 51.00 (50.70 to 51.70): VU040101.D (-521) (-)

Ion 86.00 (85.70 to 86.70): VU040101.D (-521) (-)

3.06

Time-->

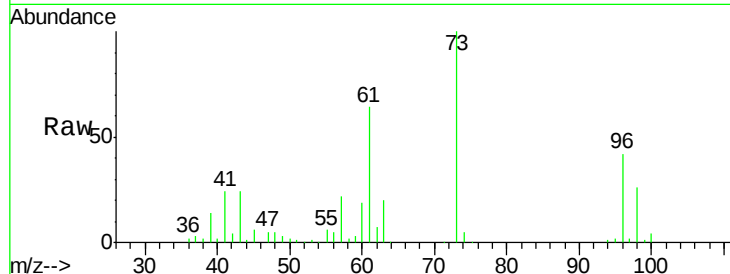




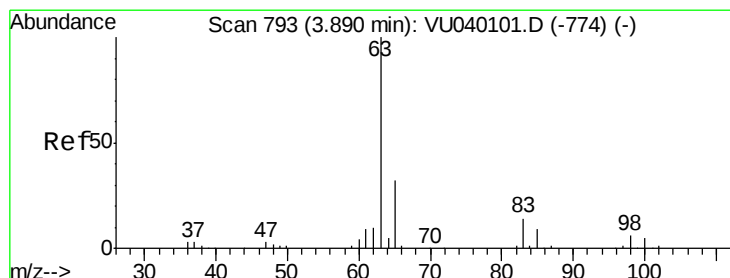
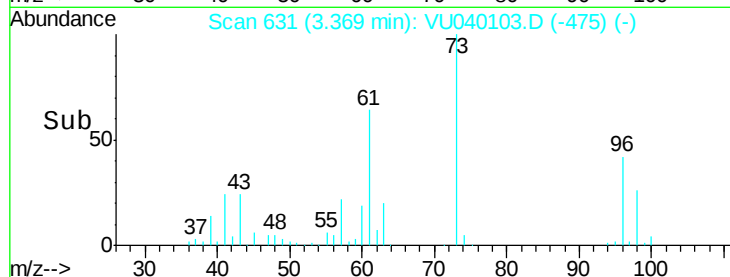
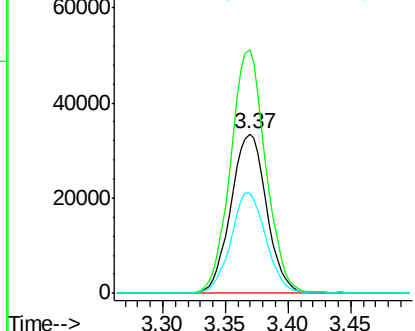
#16
trans-1,2-Dichloroethene
Concen: 10.096 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

Tot Ion: 96 Resp: 66265
Ion Ratio Lower Upper
96 100
61 152.5 121.4 182.0
98 62.8 51.9 77.9

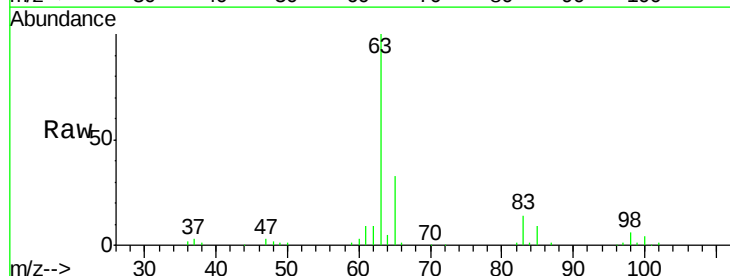


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

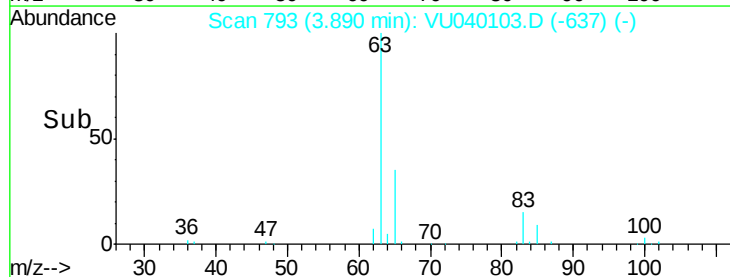
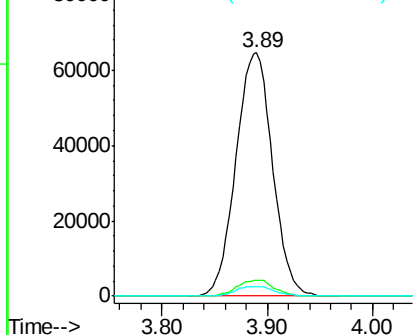


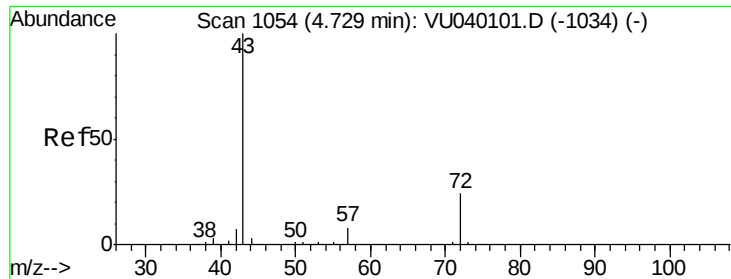
#17
1,1-Dichloroethane
Concen: 9.664 ug/l
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 63 Resp: 155770
Ion Ratio Lower Upper
63 100
98 6.4 3.1 9.4
100 4.0 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

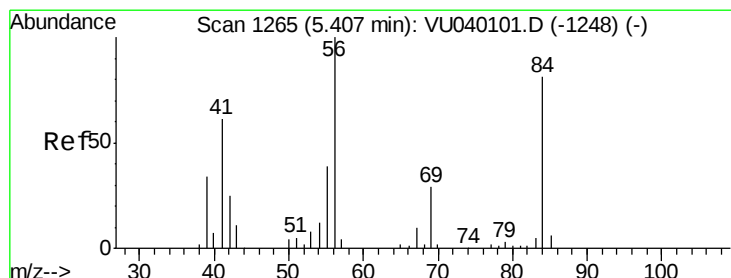
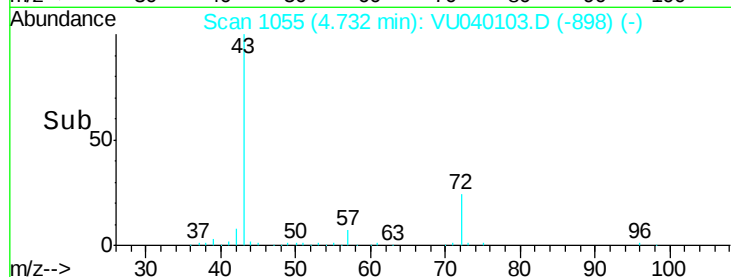
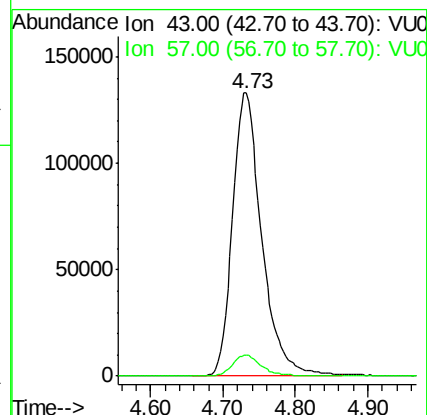
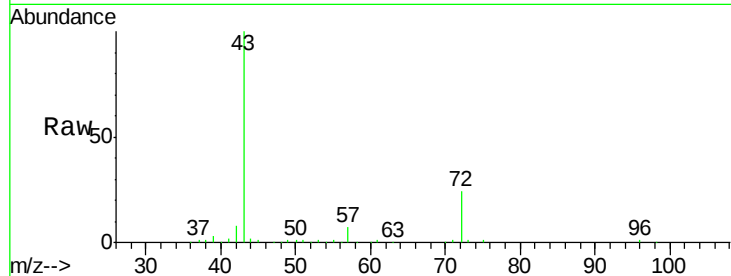




#18
2-Butanone
Concen: 53.107 ug/l
RT: 4.73 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

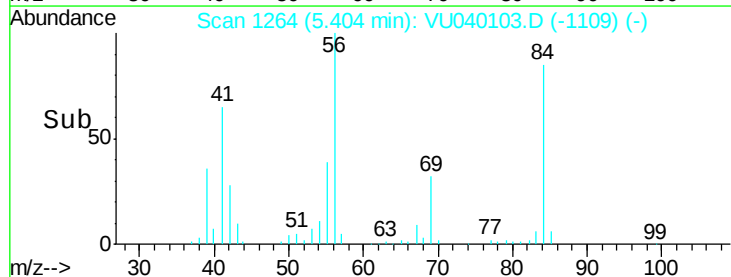
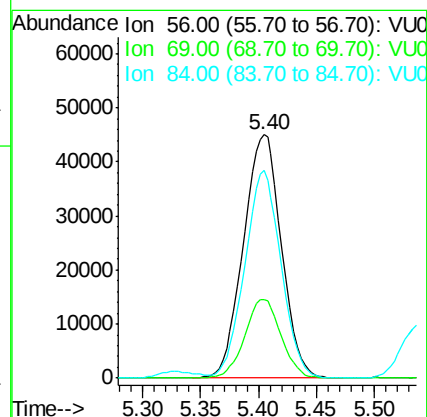
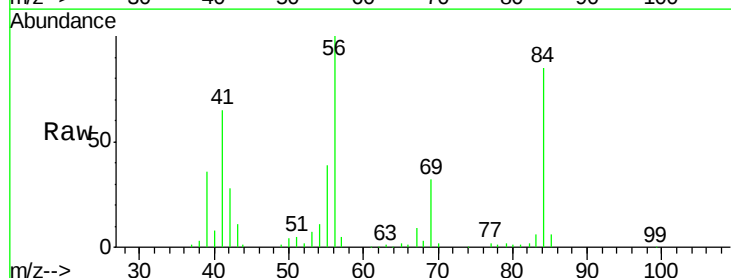
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

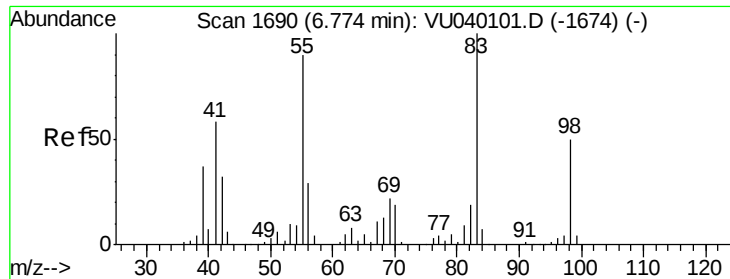
Tot Ion: 43 Resp: 371158
Ion Ratio Lower Upper
43 100
57 7.4 0.0 15.2



#19
Cyclohexane
Concen: 10.267 ug/l
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 56 Resp: 102745
Ion Ratio Lower Upper
56 100
69 30.8 23.5 35.3
84 79.8 63.8 95.6

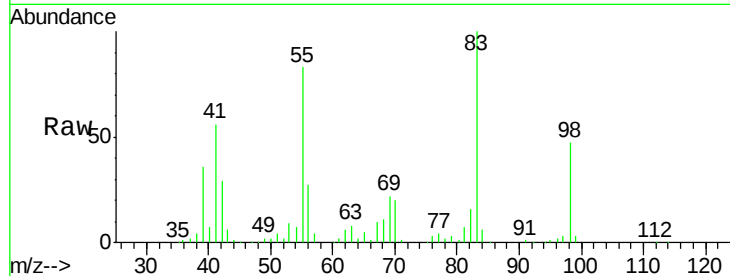




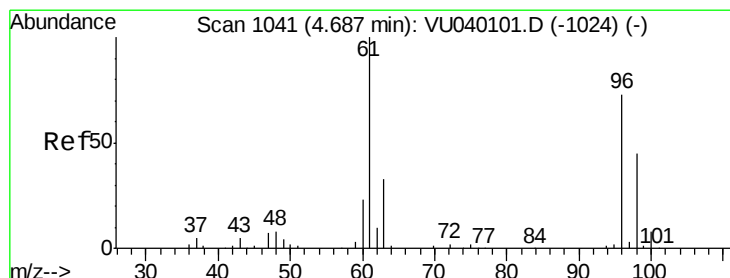
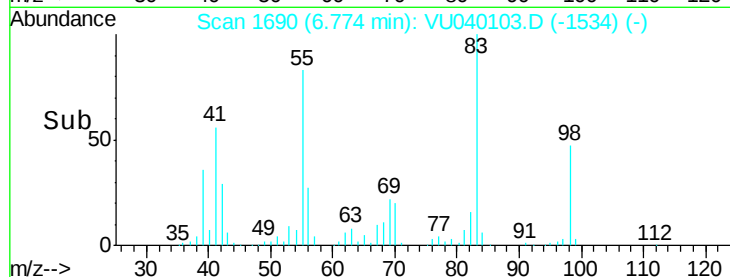
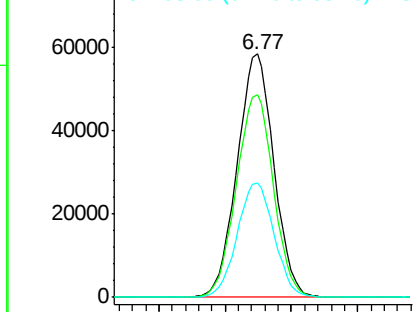
#20
Methvlcvclohexane
Concen: 11.020 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

Tot Ion: 83 Resp: 111728
Ion Ratio Lower Upper
83 100
55 83.9 69.4 104.2
98 47.5 37.5 56.3

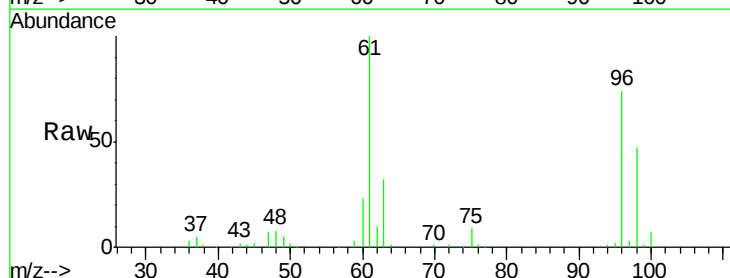


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

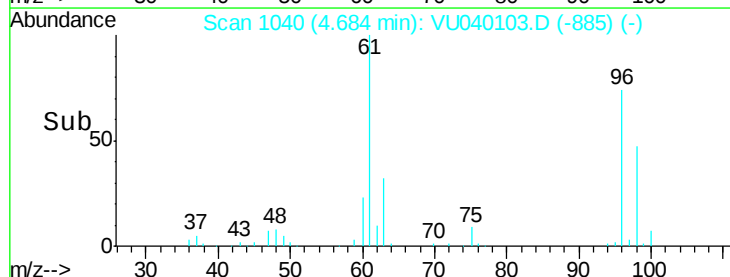
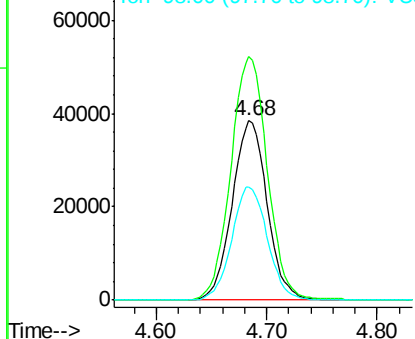


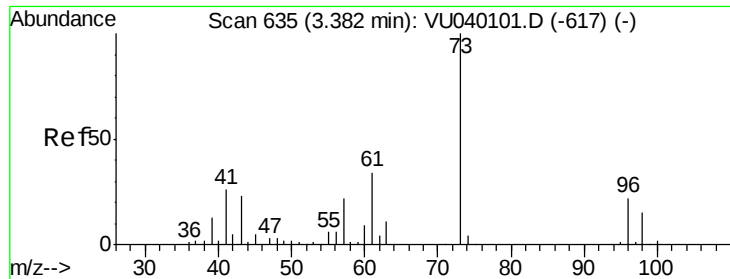
#22
cis-1,2-Dichloroethene
Concen: 10.226 ug/l
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 96 Resp: 84607
Ion Ratio Lower Upper
96 100
61 140.9 0.0 420.0
98 64.3 31.8 95.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



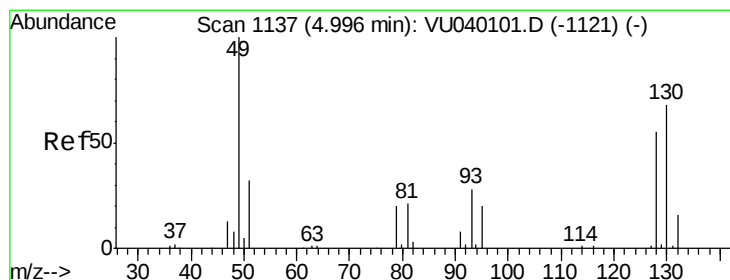
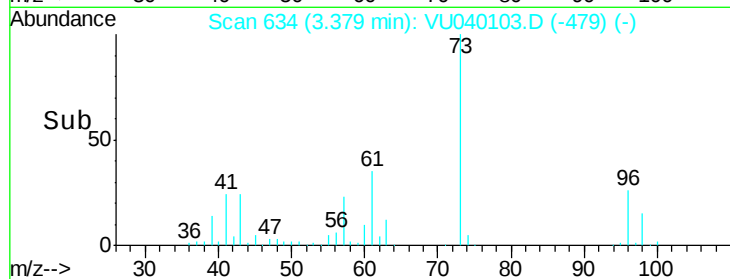
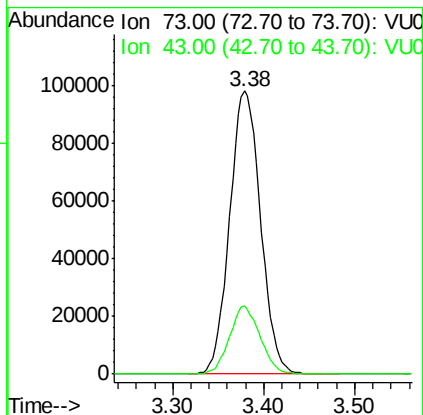
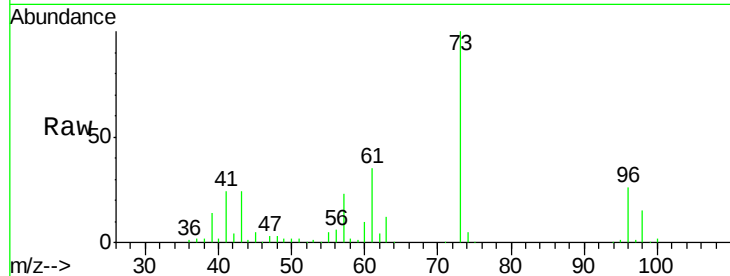


#25

Methyl tert-Butyl Ether
 Concen: 10.498 ug/l
 RT: 3.38 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

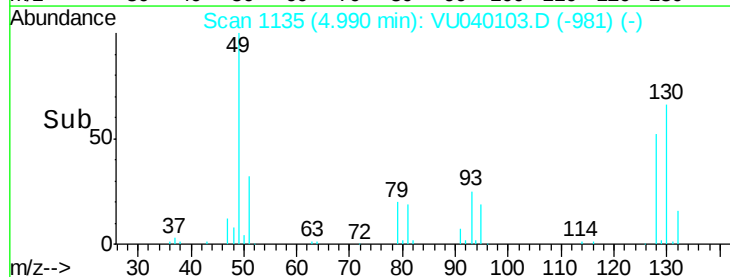
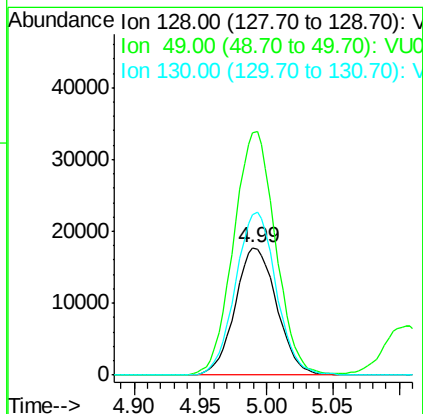
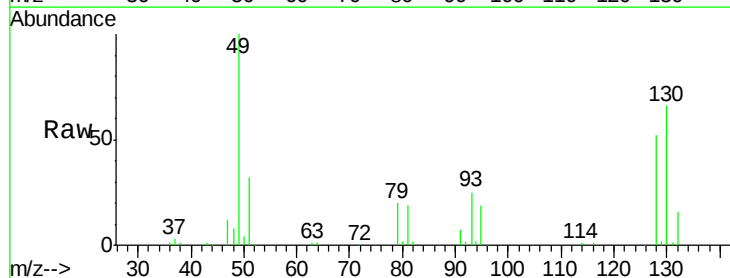
Tot Ion: 73 Resp: 232189
 Ion Ratio Lower Upper
 73 100
 43 23.8 20.0 30.0

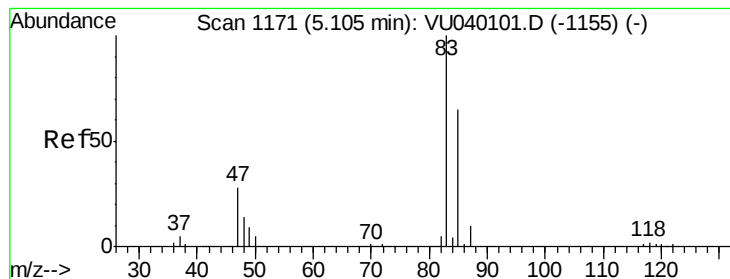


#26

Bromochloromethane
 Concen: 9.636 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion: 128 Resp: 38751
 Ion Ratio Lower Upper
 128 100
 49 192.4 0.0 390.6
 130 125.5 104.9 157.3





#27

Chloroform

Concen: 9.686 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

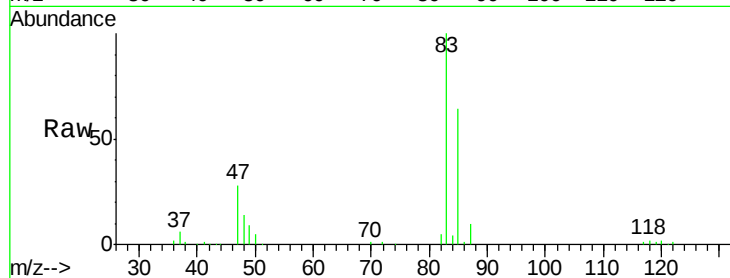
ICVVU091120

Tot Ion: 83 Resp: 170772

Ion Ratio Lower Upper

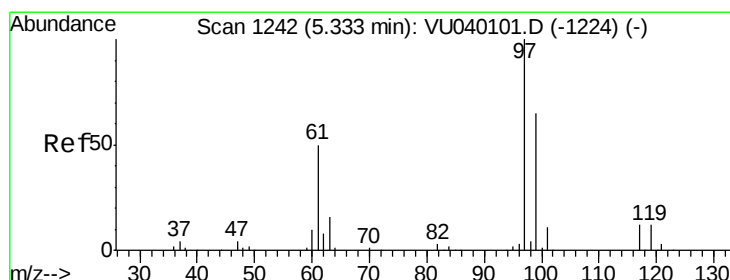
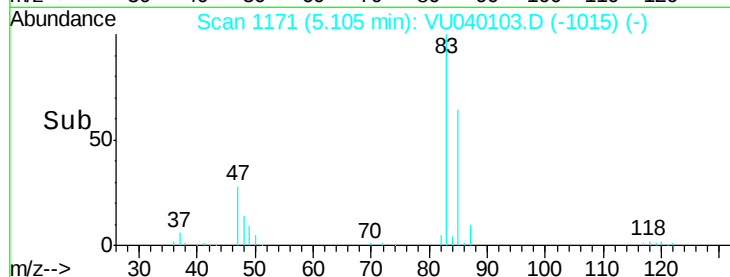
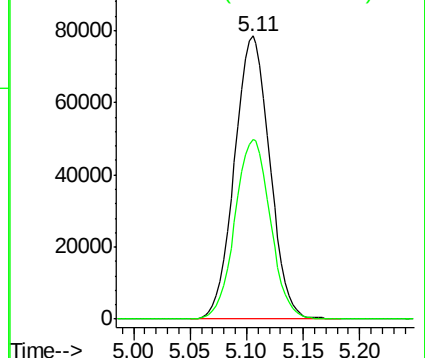
83 100

85 63.6 0.0 132.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 9.762 ug/l

RT: 5.33 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

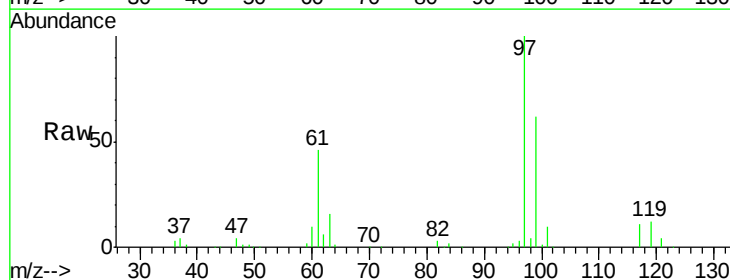
Tgt Ion: 97 Resp: 144618

Ion Ratio Lower Upper

97 100

99 64.3 31.8 95.4

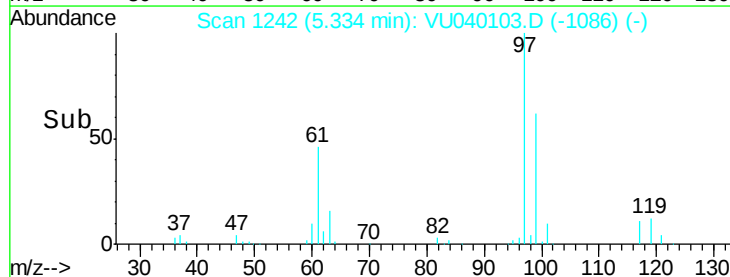
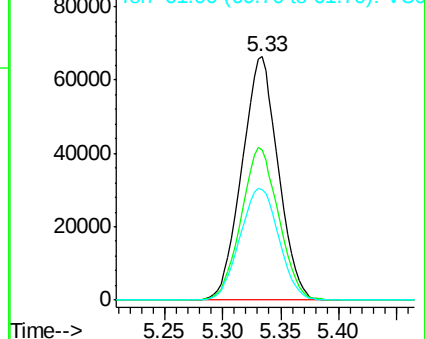
61 49.2 25.1 75.2

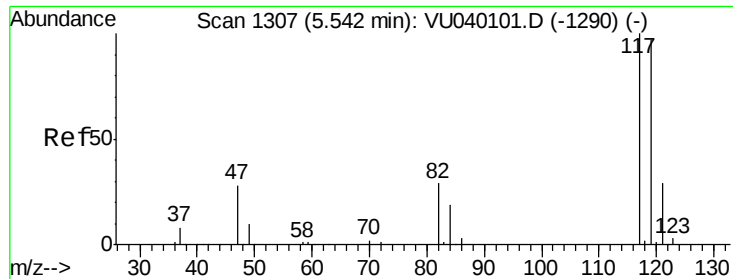


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

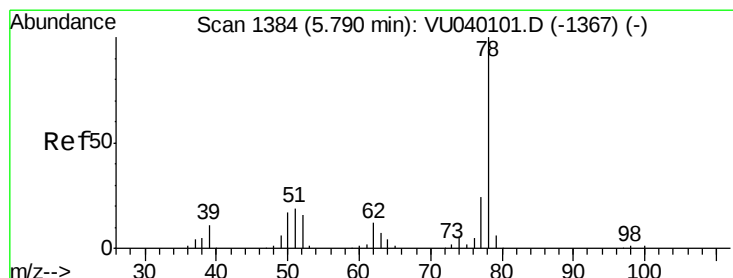
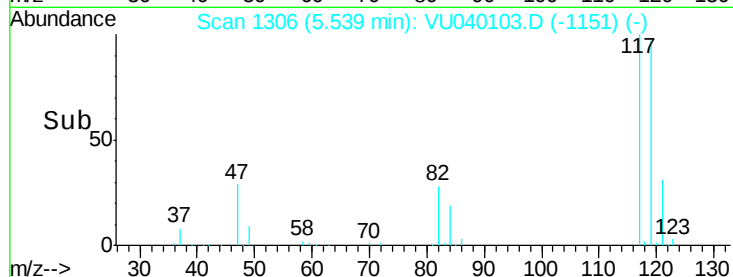
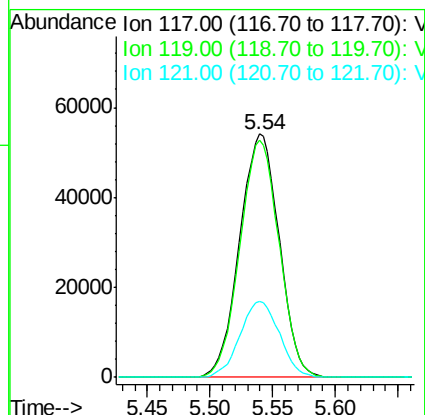
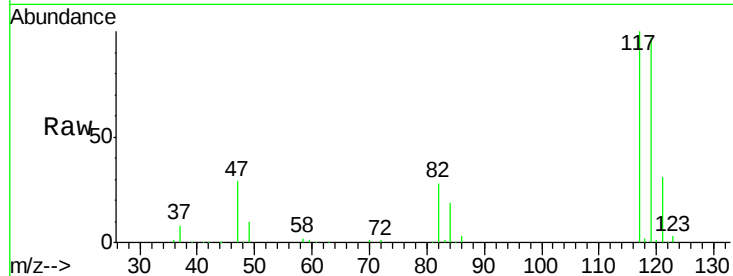




#30
Carbon Tetrachloride
Concen: 9.735 ug/l
RT: 5.54 min Scan# 1306
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

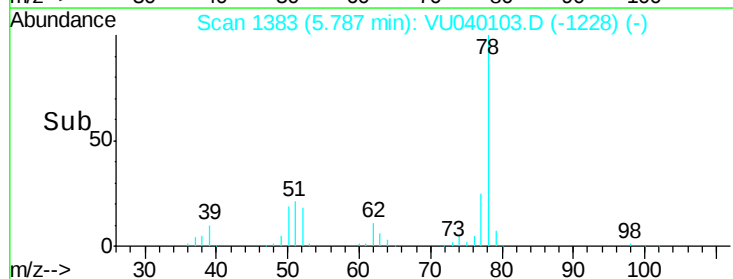
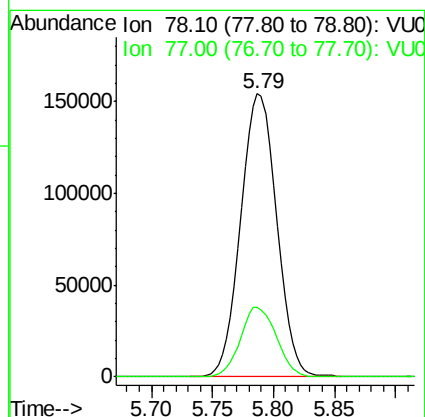
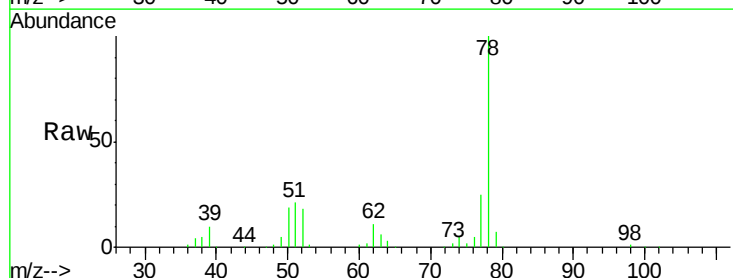
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

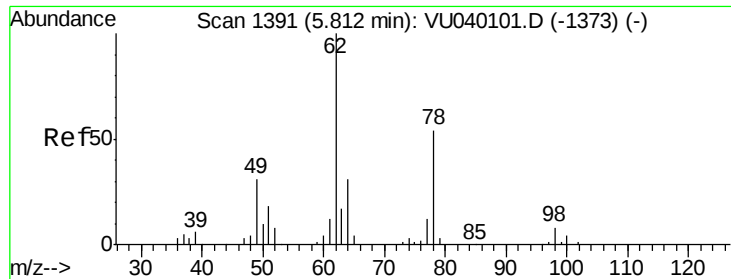
Tot Ion:117 Resp: 118465
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4
121 31.2 24.2 36.4



#35
Benzene
Concen: 9.945 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 78 Resp: 314511
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

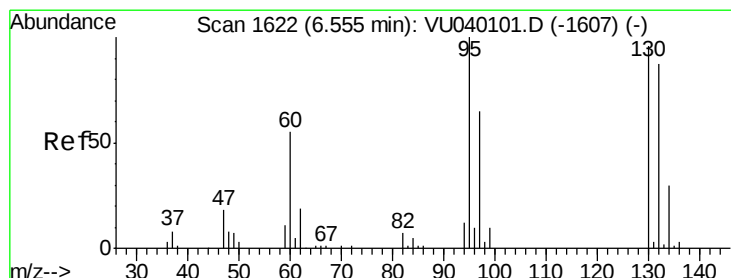
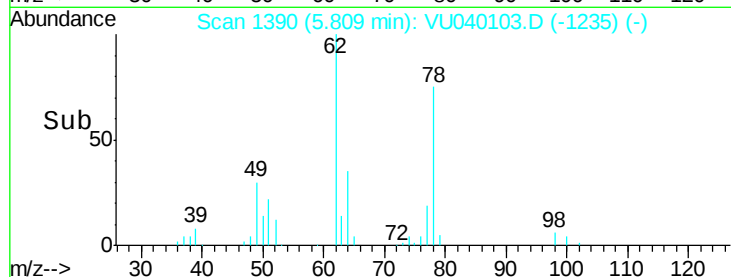
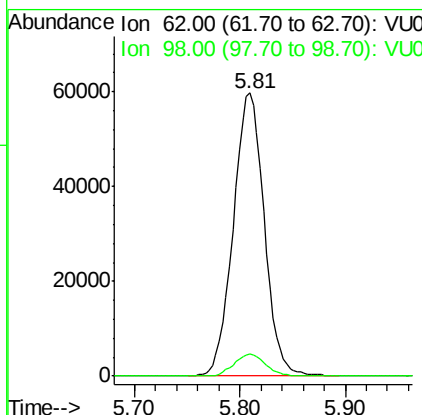
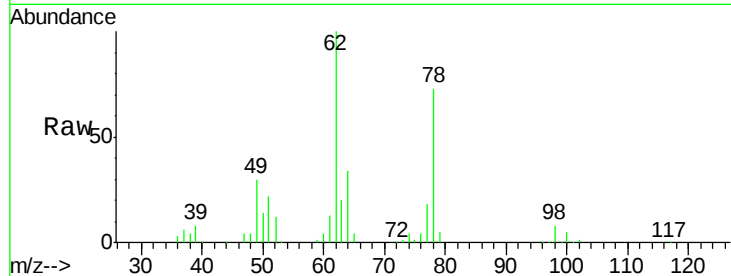




#36
 1,2-Dichloroethane
 Concen: 9.573 ug/l
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

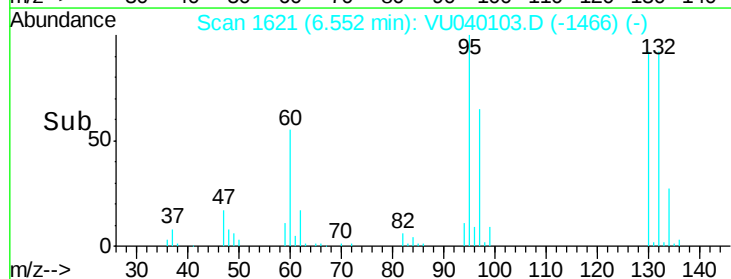
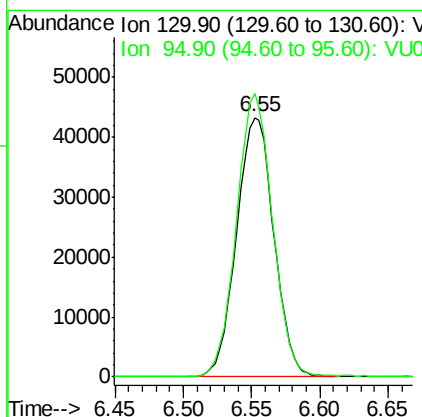
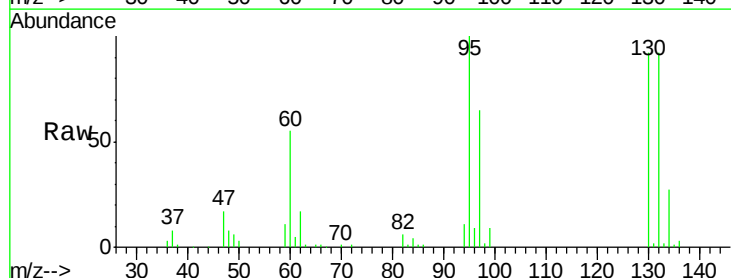
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

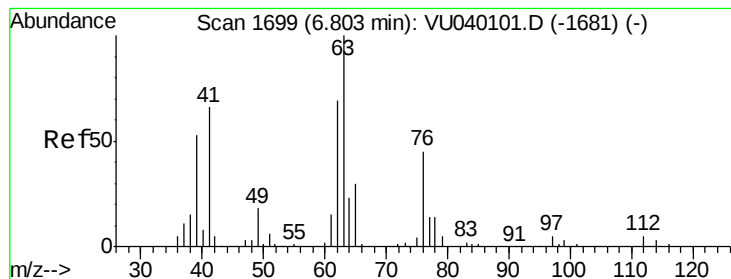
Tot Ion: 62 Resp: 121667
 Ion Ratio Lower Upper
 62 100
 98 7.9 6.5 9.7



#37
 Trichloroethene
 Concen: 10.110 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion:130 Resp: 82128
 Ion Ratio Lower Upper
 130 100
 95 109.3 84.2 126.2





#38

1,2-Dichloropropane

Concen: 9.491 ug/l

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

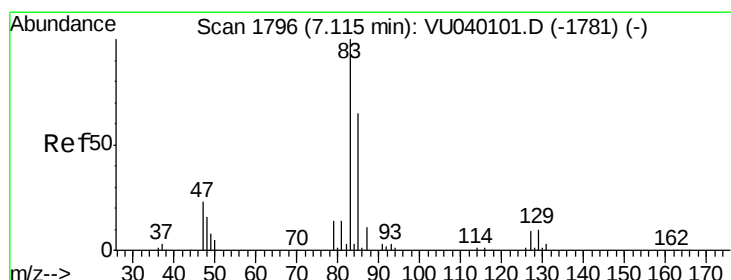
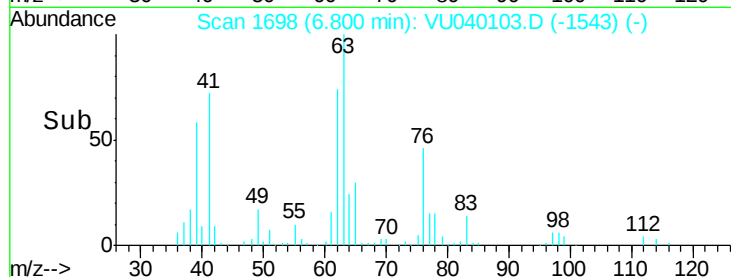
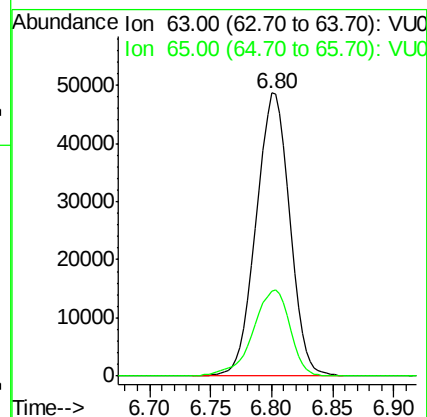
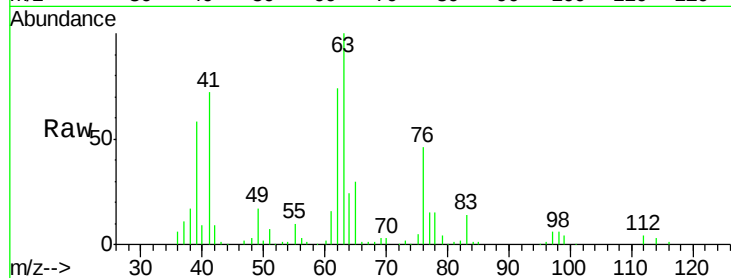
ICVVU091120

Tot Ion: 63 Resp: 92903

Ion Ratio Lower Upper

63 100

65 29.9 23.0 34.6



#44

Bromodichloromethane

Concen: 9.774 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

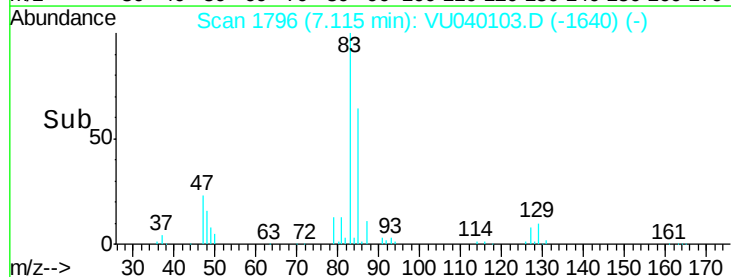
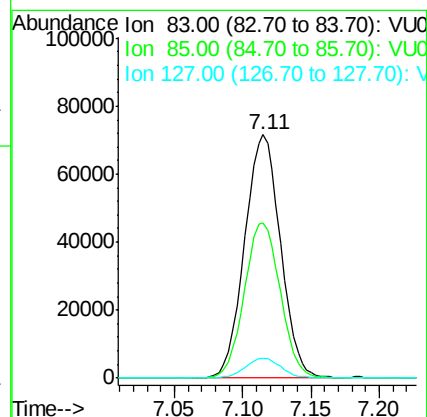
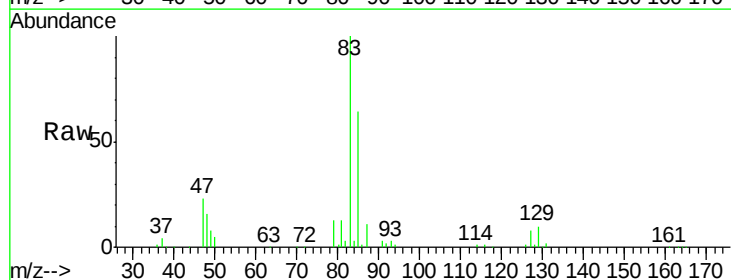
Tgt Ion: 83 Resp: 130743

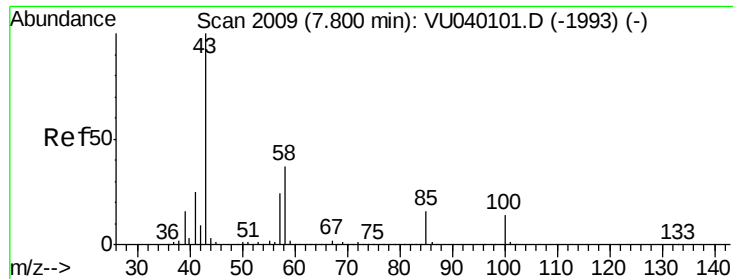
Ion Ratio Lower Upper

83 100

85 63.8 52.1 78.1

127 8.2 6.6 9.8

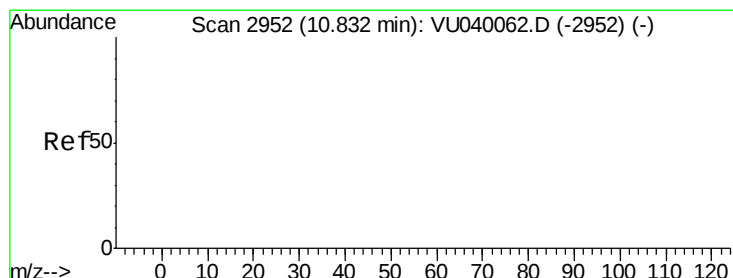
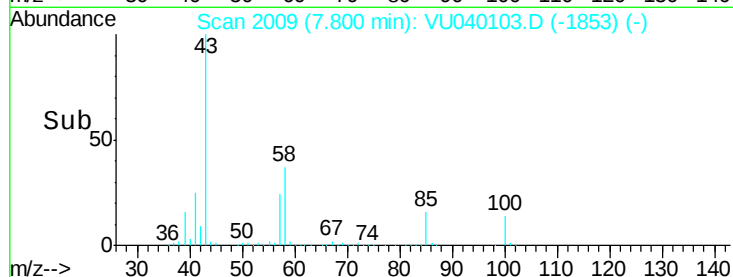
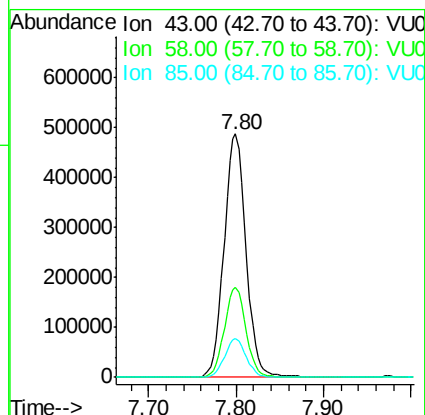
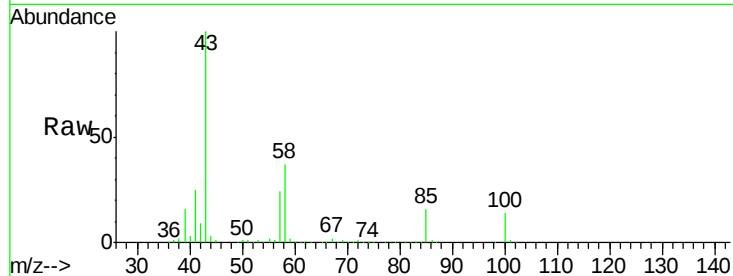




#45
4-Methyl-2-Pentanone
Concen: 53.207 ug/l
RT: 7.80 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

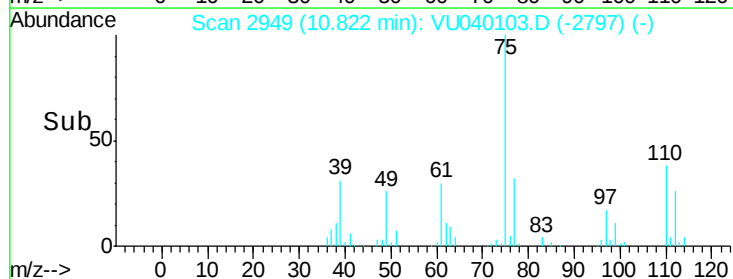
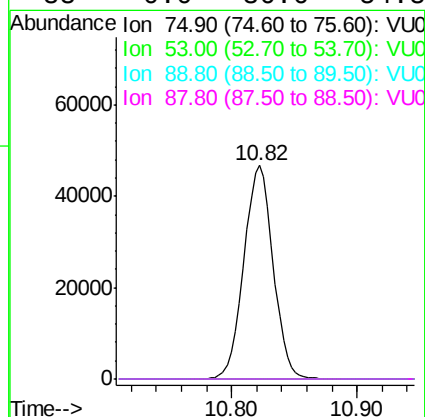
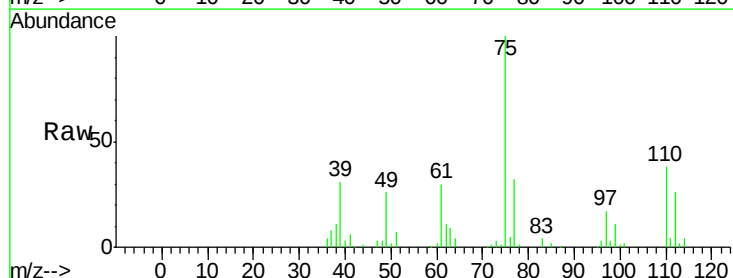
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

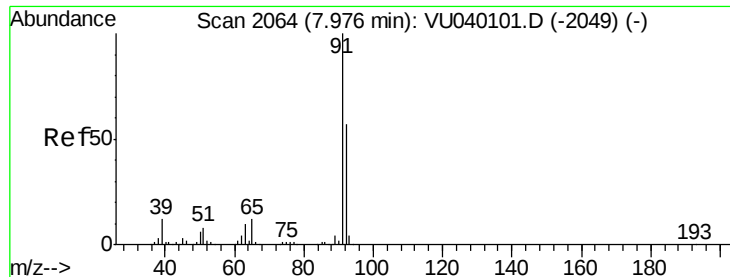
Tot Ion: 43 Resp: 848769
Ion Ratio Lower Upper
43 100
58 36.7 18.1 54.3
85 15.6 12.3 18.5



#46
t-1,4-Dichloro-2-butene
Concen: 19.732 ug/l
RT: 10.82 min Scan# 2949
Delta R.T. -0.01 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 75 Resp: 75816
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 41.6 62.4#
88 0.0 36.6 54.8#





#49

Toluene

Concen: 10.426 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

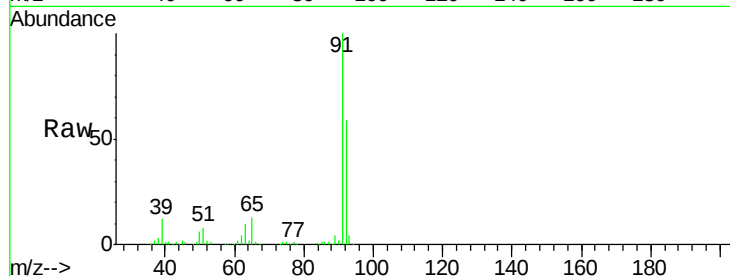
ICVVU091120

Tot Ion: 92 Resp: 209116

Ion Ratio Lower Upper

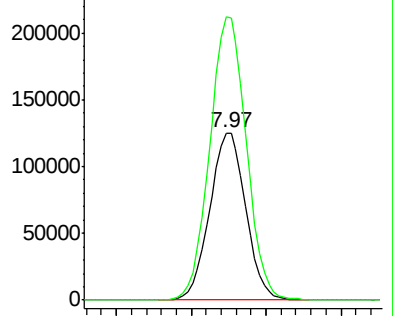
92 100

91 172.7 138.6 207.8

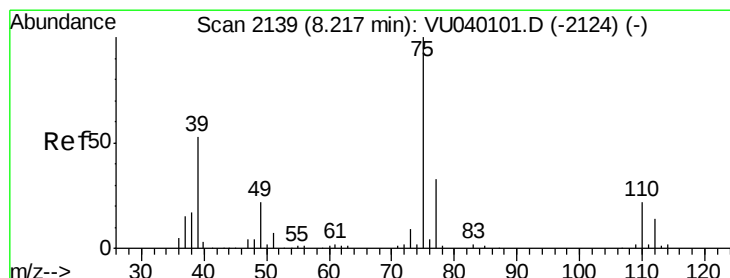
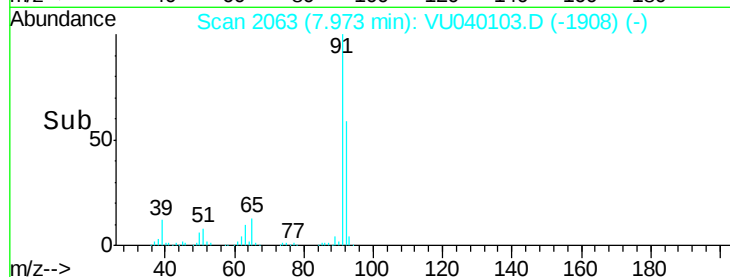


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#50

t-1,3-Dichloropropene

Concen: 10.529 ug/l

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040103.D

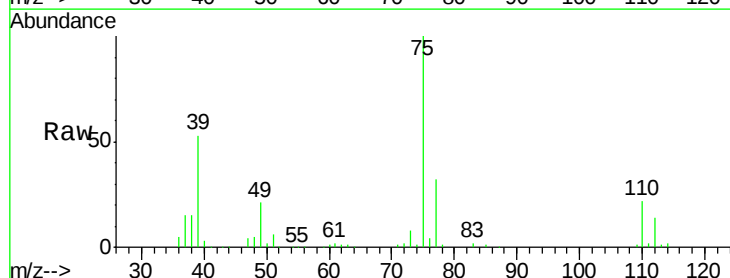
Acq: 11 Sep 2020 13:59

Tgt Ion: 75 Resp: 131945

Ion Ratio Lower Upper

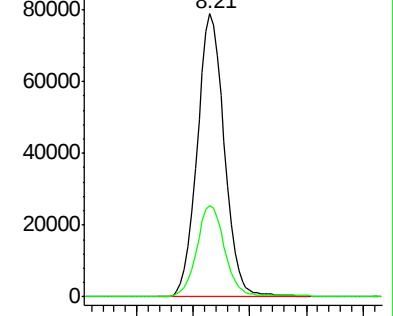
75 100

77 32.4 24.4 36.6

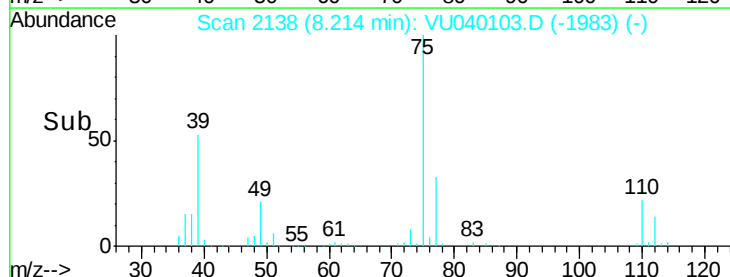


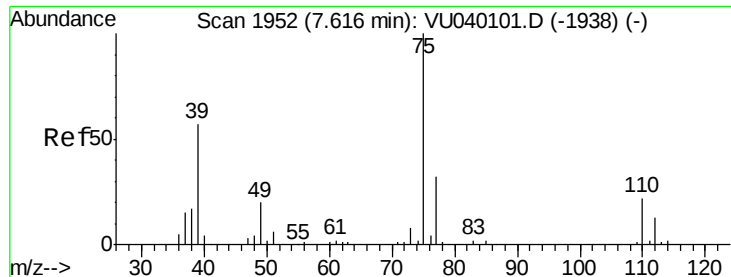
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



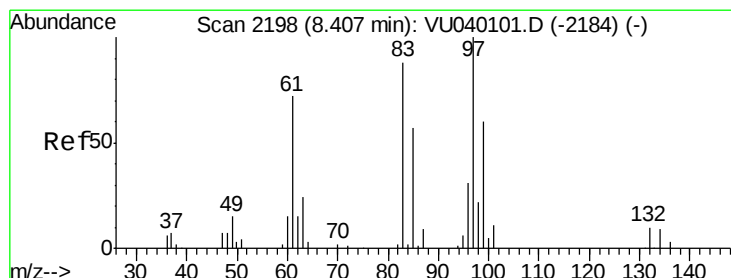
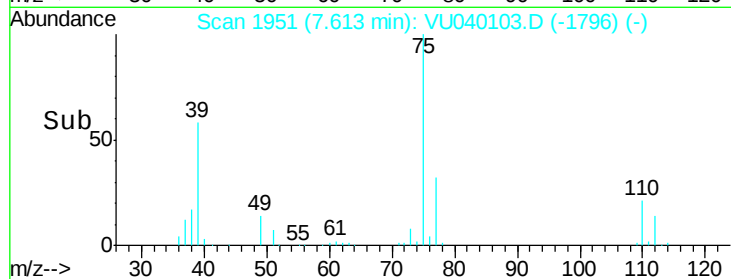
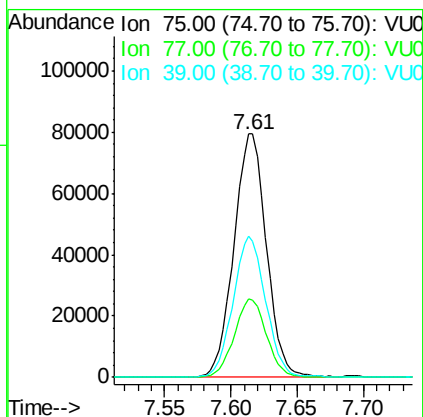
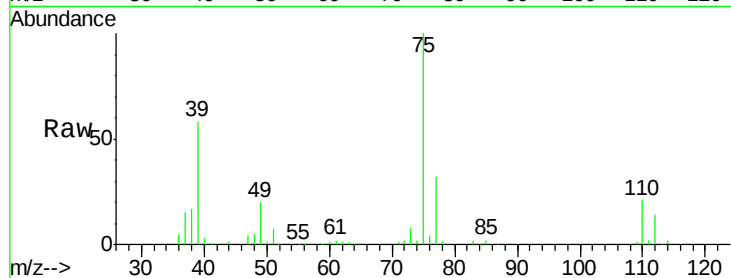


#51

cis-1,3-Dichloropropene
Concen: 10.518 ug/l
RT: 7.61 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

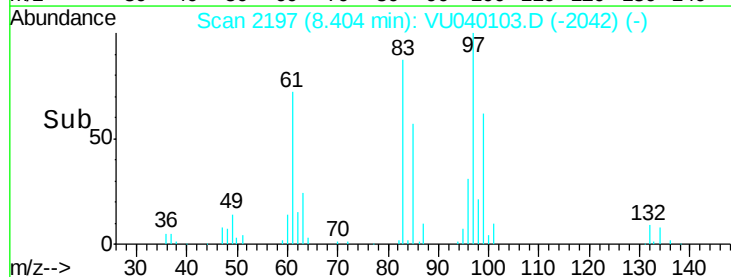
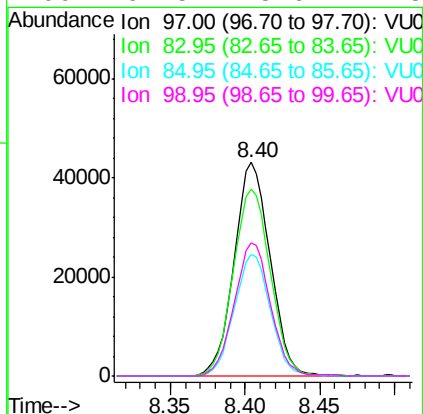
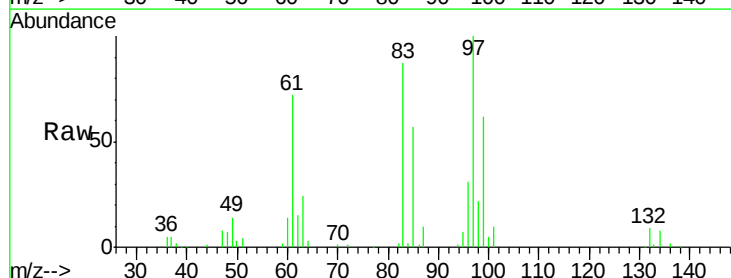
Tot Ion: 75 Resp: 135621
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 58.3 46.2 69.4

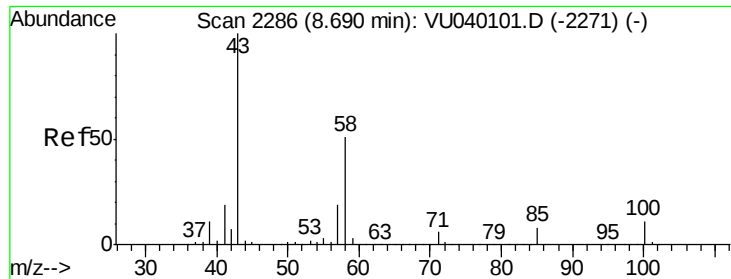


#52

1,1,2-Trichloroethane
Concen: 9.274 ug/l
RT: 8.40 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 97 Resp: 72112
Ion Ratio Lower Upper
97 100
83 87.4 68.7 103.1
85 57.2 46.7 70.1
99 62.5 48.6 72.8





#54

2-Hexanone

Concen: 55.681 ug/l

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091120

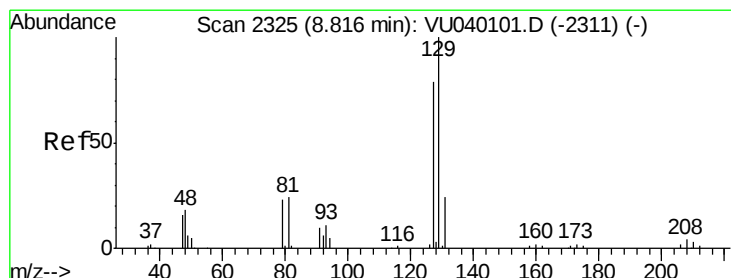
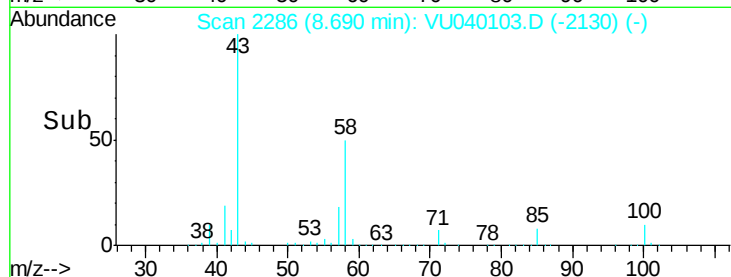
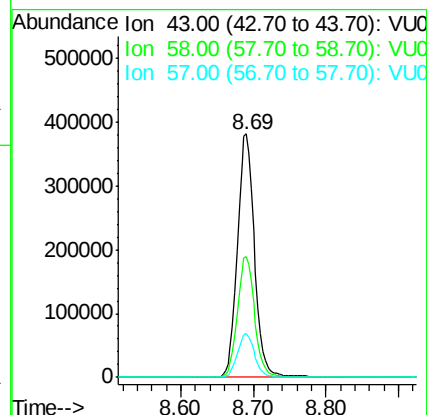
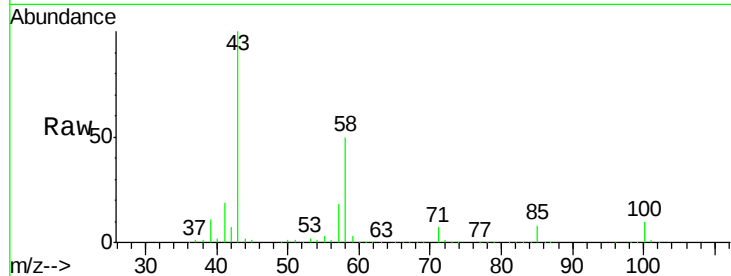
Tot Ion: 43 Resp: 627885

Ion Ratio Lower Upper

43 100

58 50.2 29.6 69.6

57 18.1 0.0 37.8



#55

Dibromochloromethane

Concen: 9.660 ug/l

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040103.D

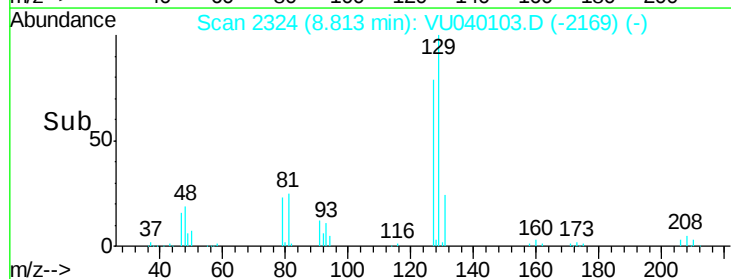
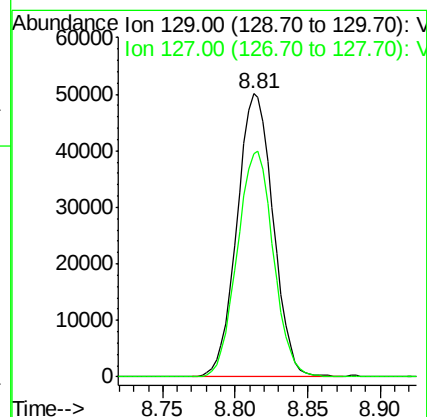
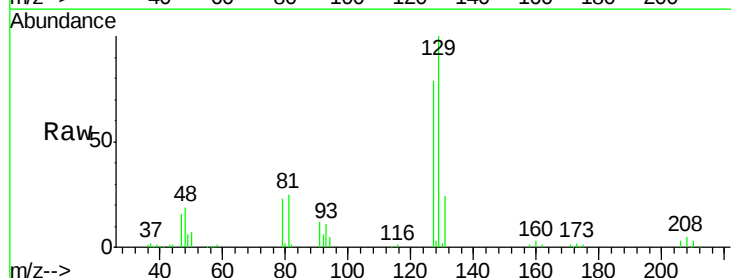
Acq: 11 Sep 2020 13:59

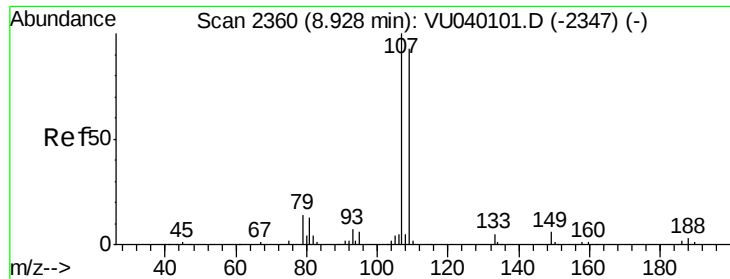
Tgt Ion: 129 Resp: 86866

Ion Ratio Lower Upper

129 100

127 79.7 62.7 94.1

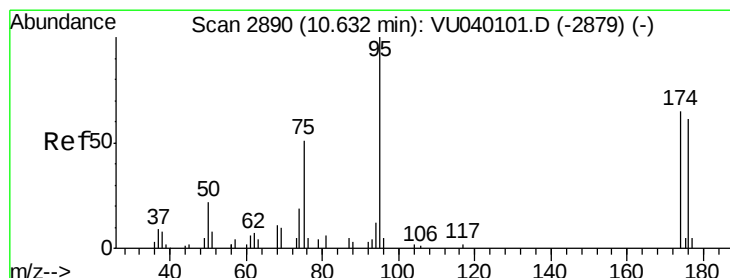
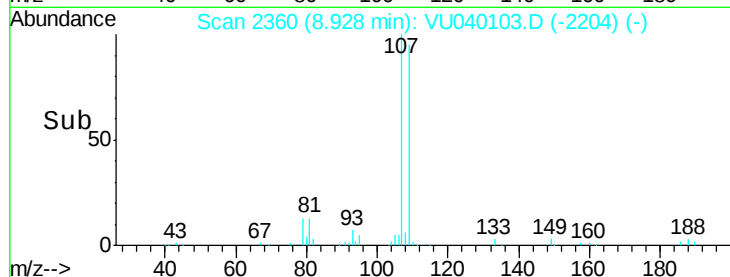
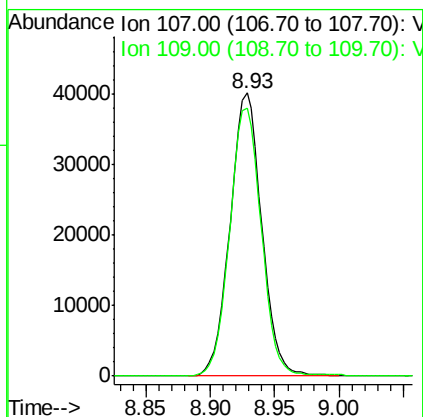
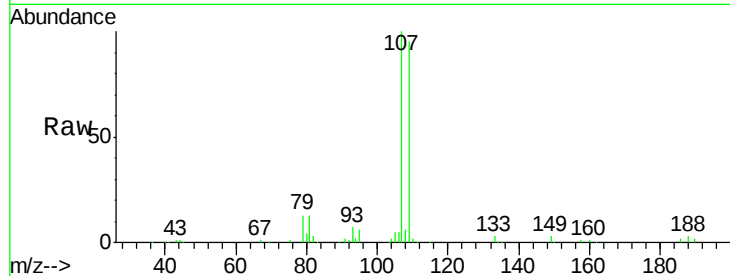




#56
 1,2-Dibromoethane
 Concen: 9.572 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

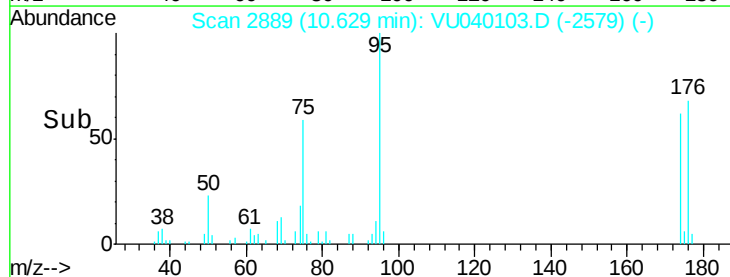
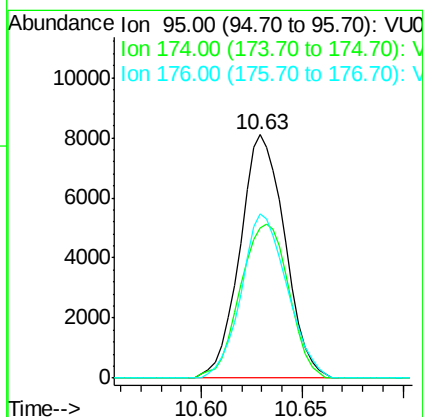
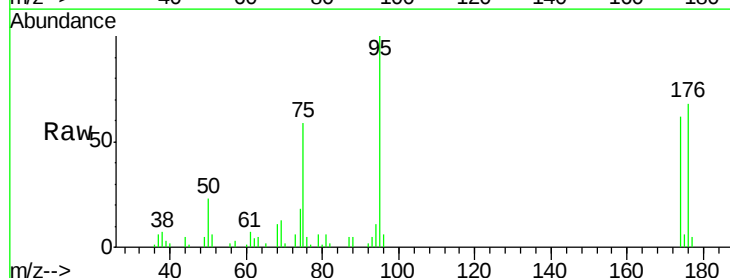
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

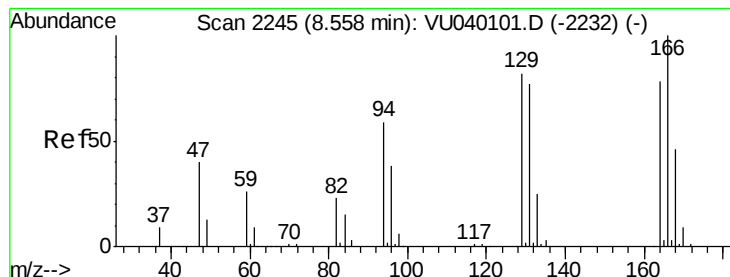
Tot Ion:107 Resp: 68407
 Ion Ratio Lower Upper
 107 100
 109 94.7 0.0 191.0



#57
 4-Bromofluorobenzene
 Concen: 0.962 ug/l
 RT: 10.63 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion: 95 Resp: 12647
 Ion Ratio Lower Upper
 95 100
 174 68.2 49.4 74.0
 176 68.7 50.1 75.1





#58

Tetrachloroethene

Concen: 9.981 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091120

Tot Ion:164 Resp: 60276

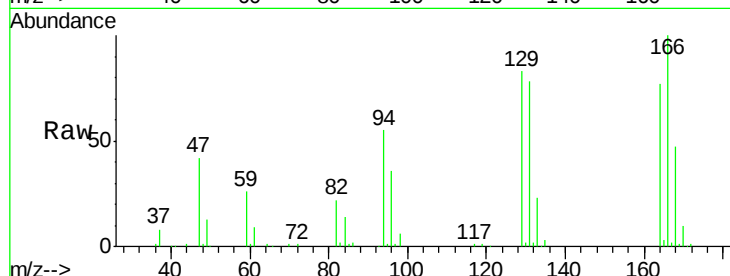
Ion Ratio Lower Upper

164 100

166 130.3 101.3 151.9

129 108.5 84.8 127.2

131 101.1 81.8 122.6

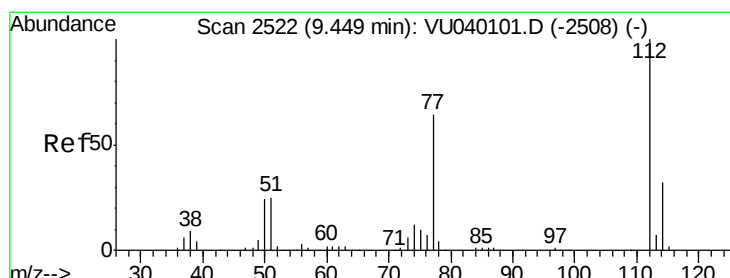
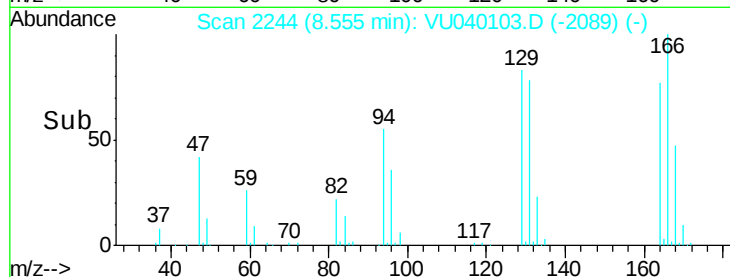
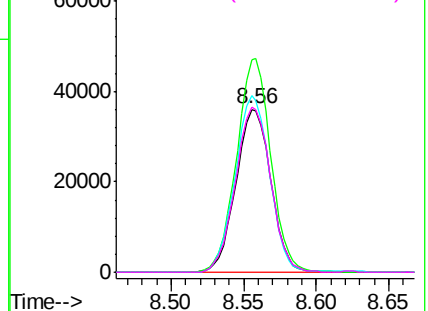


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 10.087 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040103.D

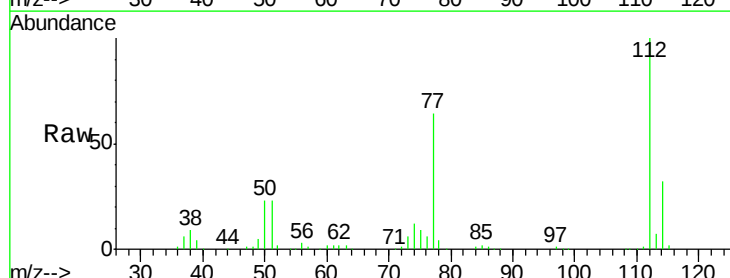
Acq: 11 Sep 2020 13:59

Tgt Ion:112 Resp: 237909

Ion Ratio Lower Upper

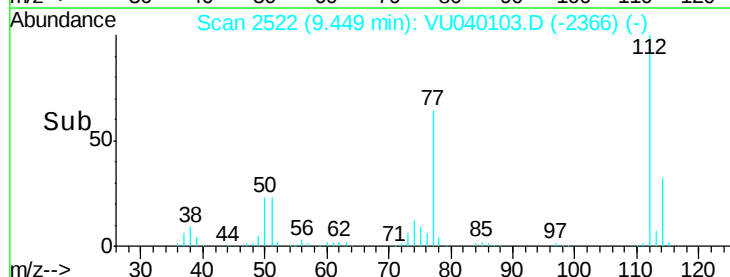
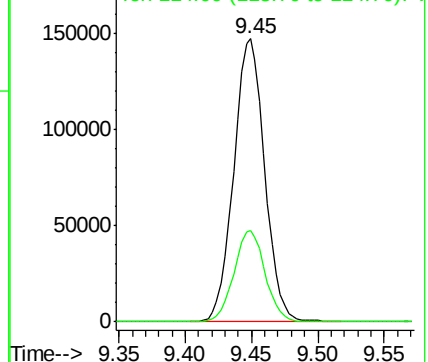
112 100

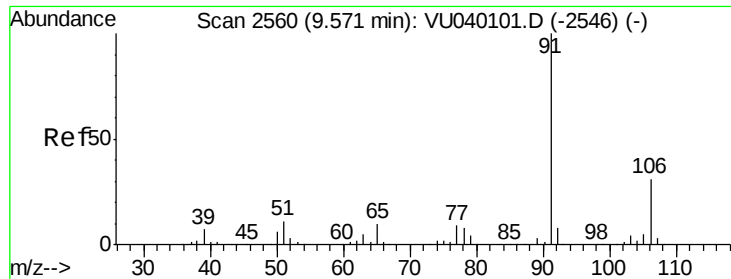
114 32.3 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

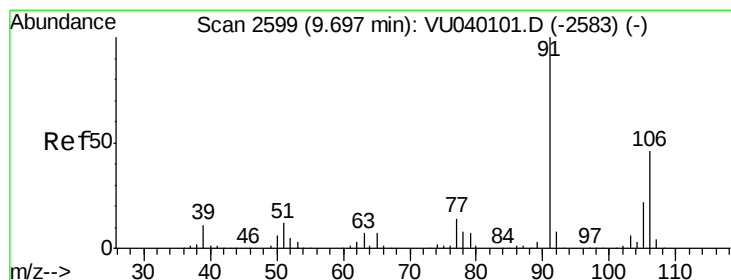
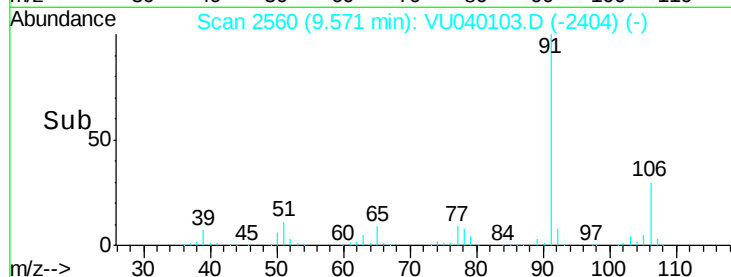
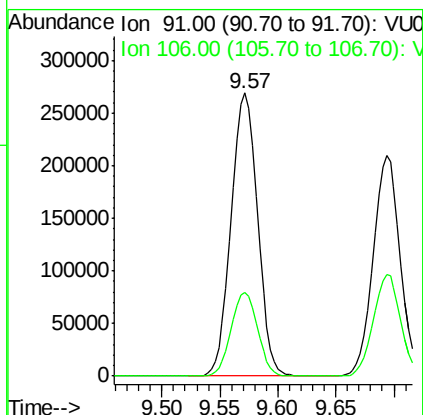
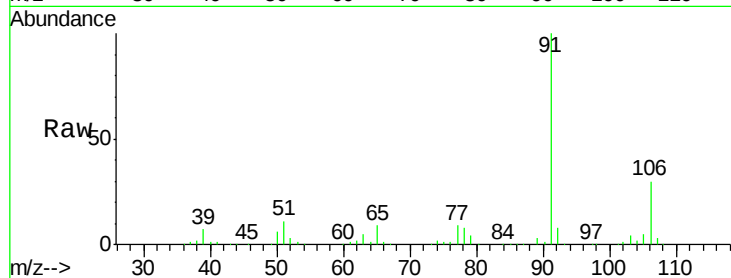




#63
Ethyl Benzene
Concen: 10.832 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

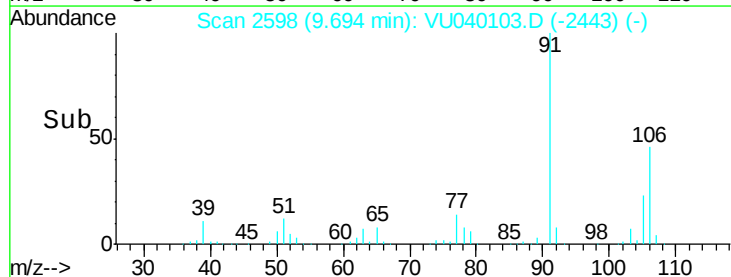
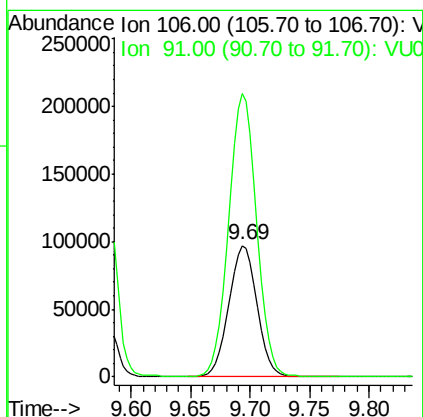
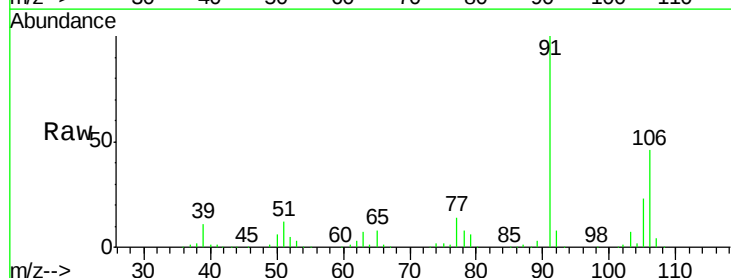
Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

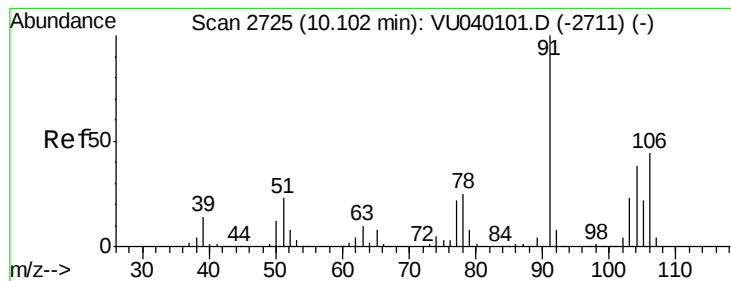
Tot Ion: 91 Resp: 424244
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#64
m/p-Xylenes
Concen: 21.407 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion: 106 Resp: 159241
Ion Ratio Lower Upper
106 100
91 214.5 171.4 257.2





#65

o-Xylene

Concen: 11.083 ug/l

RT: 10.10 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

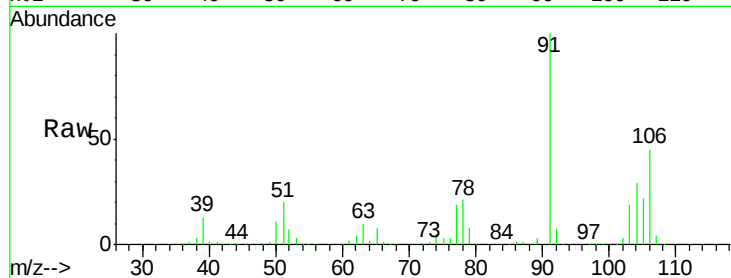
ICVVU091120

Tot Ion:106 Resp: 158182

Ion Ratio Lower Upper

106 100

91 222.4 114.2 342.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

250000

200000

150000

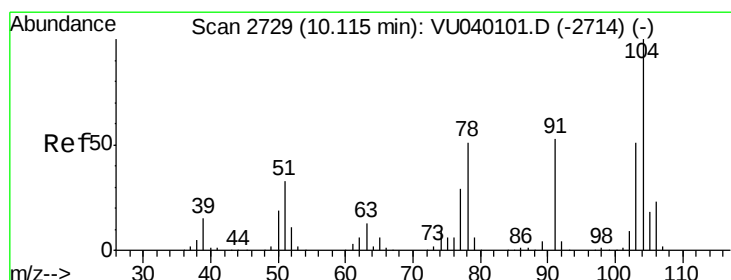
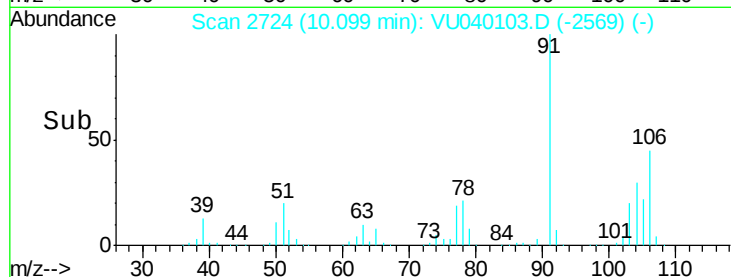
100000

50000

0

10.10

Time--> 10.00 10.10 10.20



#66

Styrene

Concen: 11.105 ug/l

RT: 10.11 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

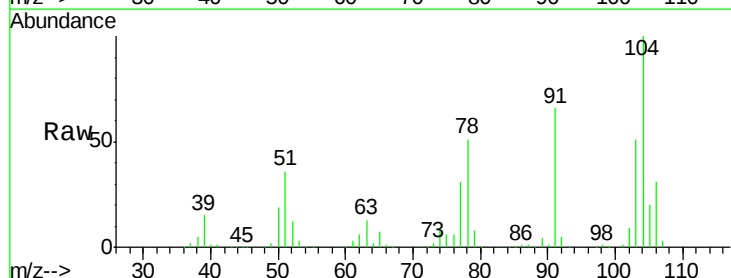
Tgt Ion:104 Resp: 282923

Ion Ratio Lower Upper

104 100

78 54.7 43.9 65.9

103 53.8 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

200000

150000

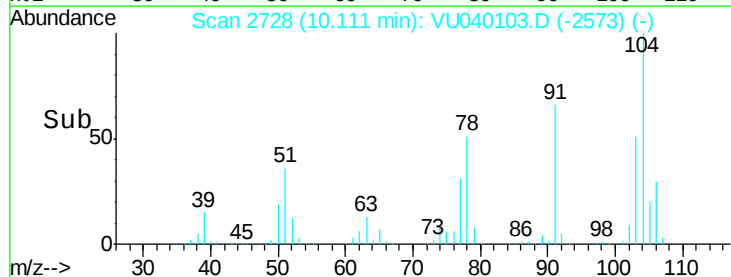
100000

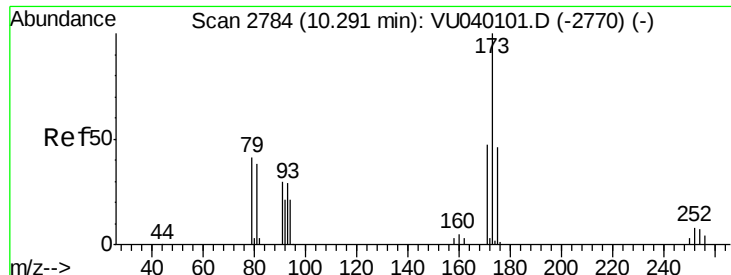
50000

0

10.11

Time--> 10.10 10.20





#67

Bromoform

Concen: 9.987 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

ICVVU091120

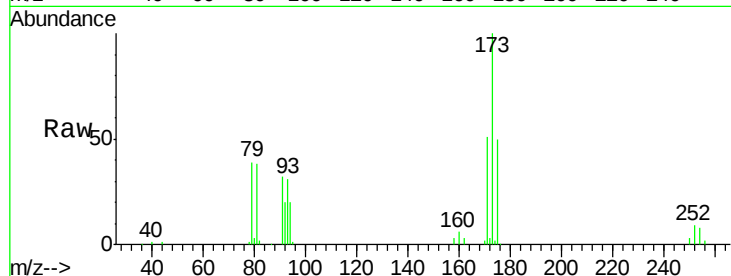
Tot Ion:173 Resp: 47030

Ion Ratio Lower Upper

173 100

175 48.2 38.0 57.0

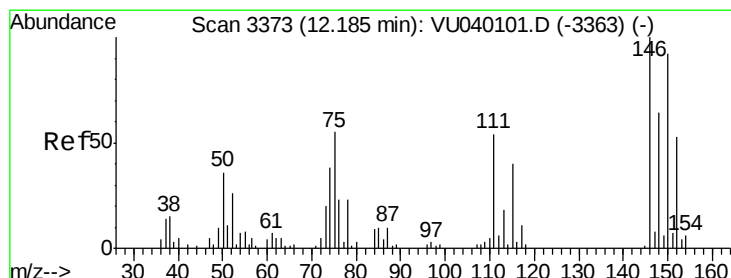
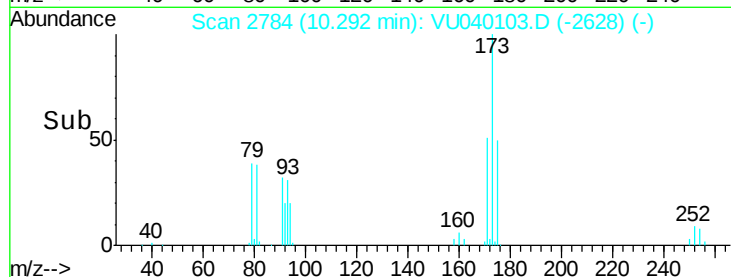
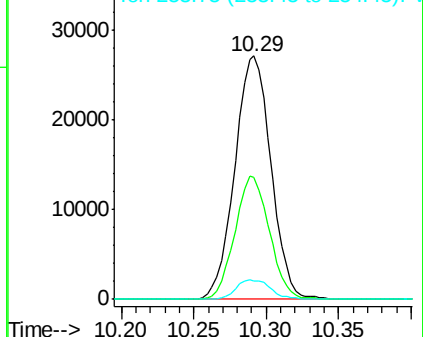
254 7.5 5.8 8.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.075 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

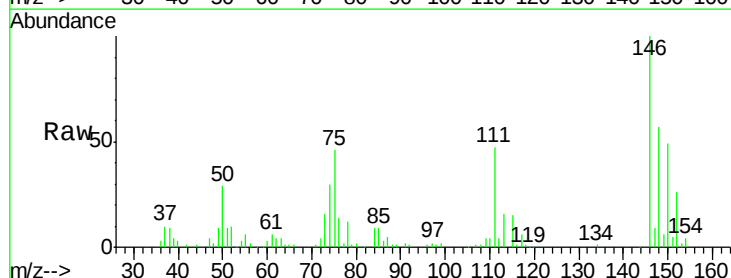
Tgt Ion:152 Resp: 12707

Ion Ratio Lower Upper

152 100

115 63.0 0.0 309.0

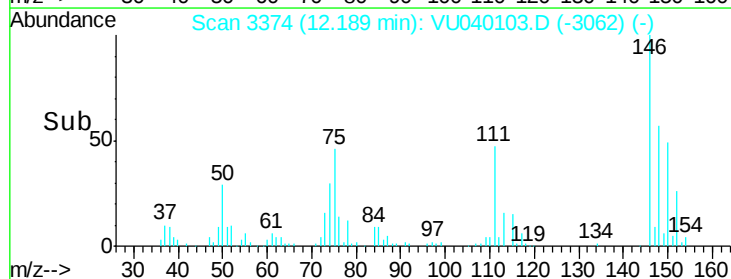
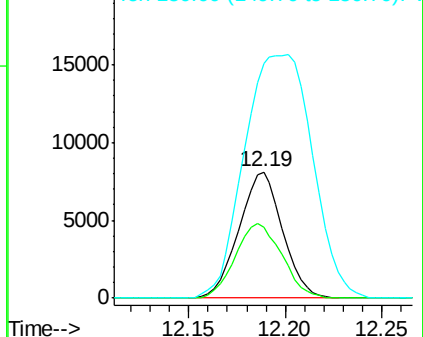
150 301.0 0.0 658.2

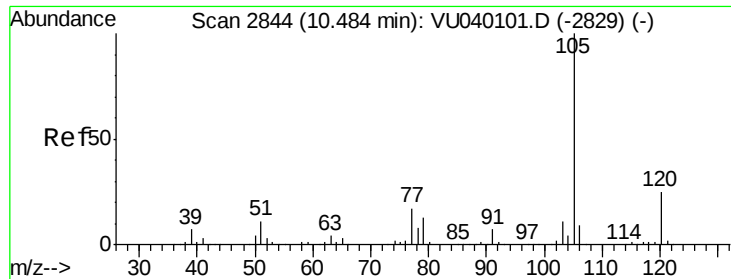


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.038 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

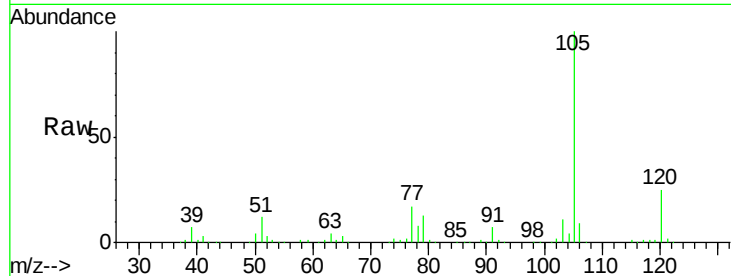
ICVVU091120

Tot Ion:105 Resp: 436440

Ion Ratio Lower Upper

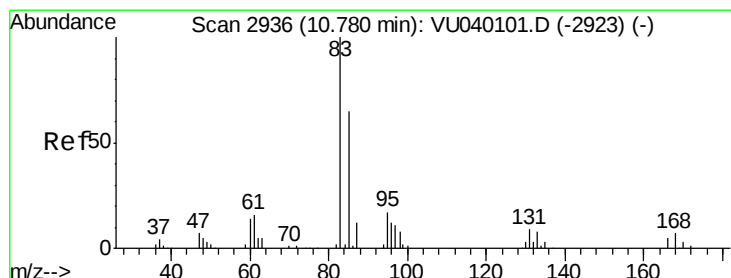
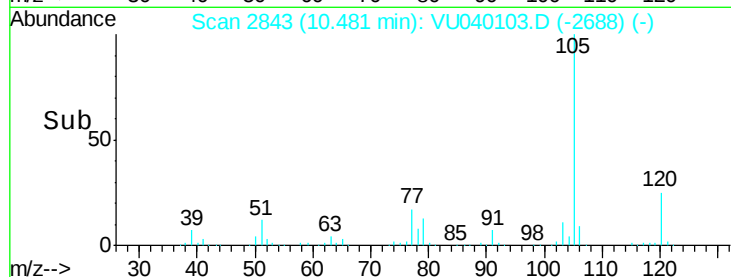
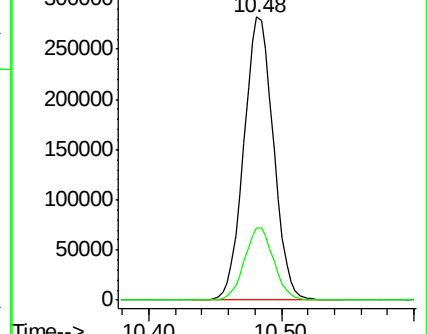
105 100

120 25.4 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.688 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040103.D

Acq: 11 Sep 2020 13:59

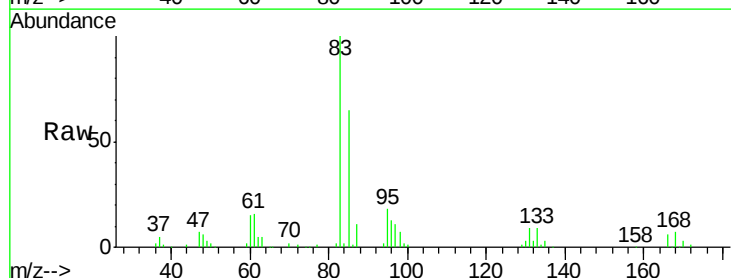
Tgt Ion: 83 Resp: 98096

Ion Ratio Lower Upper

83 100

131 9.2 7.5 11.3

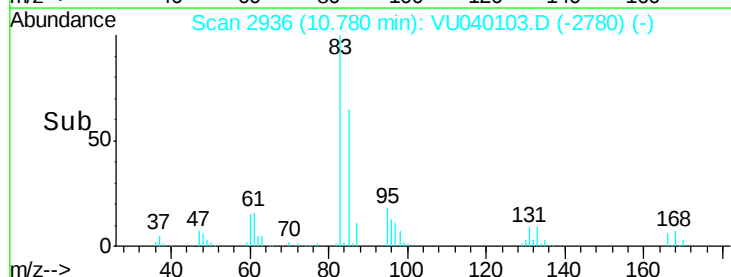
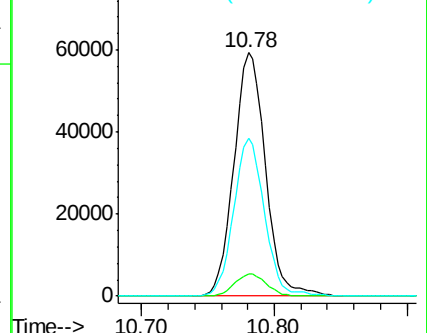
85 63.2 49.7 74.5

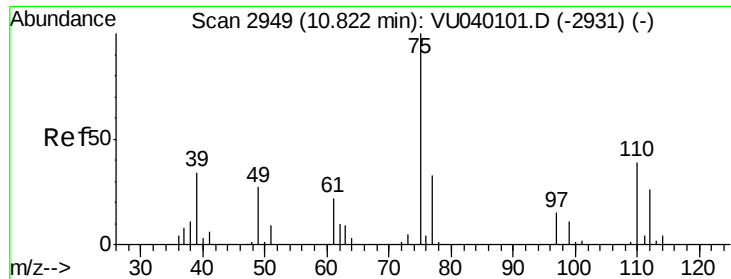


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

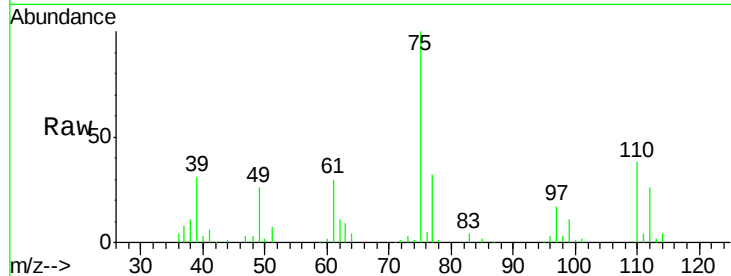




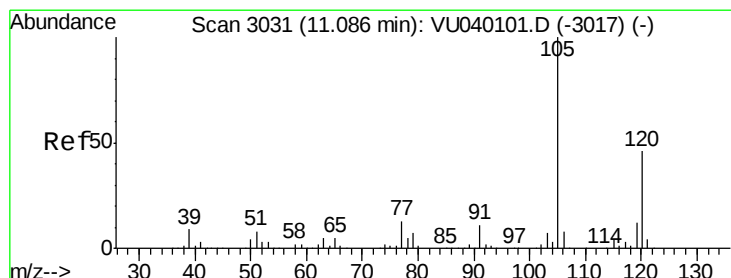
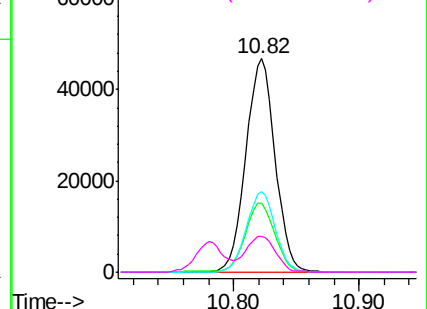
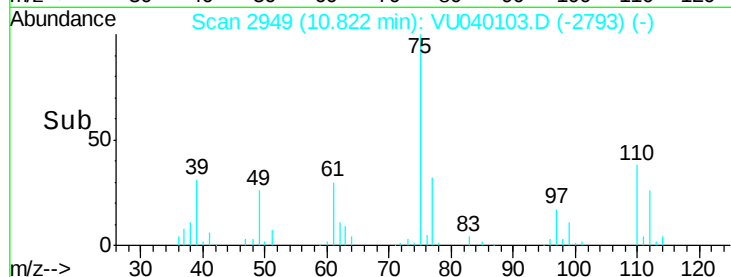
#71
 1,2,3-Trichloropropane
 Concen: 9.796 ug/l
 RT: 10.82 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

Tot Ion: 75 Resp: 75816
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 111.4
 110 37.2 0.0 70.8
 97 17.5 0.0 36.0

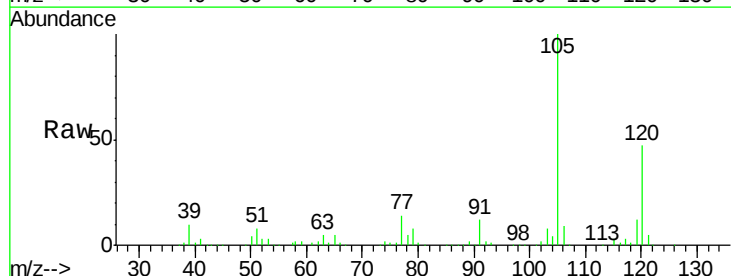


Abundance Ion 75.00 (74.70 to 75.70): VU040101.D (-2931) (-)
 Ion 77.00 (76.70 to 77.70): VU040101.D (-2931) (-)
 Ion 110.00 (109.70 to 110.70): VU040101.D (-2931) (-)
 Ion 97.00 (96.70 to 97.70): VU040101.D (-2931) (-)

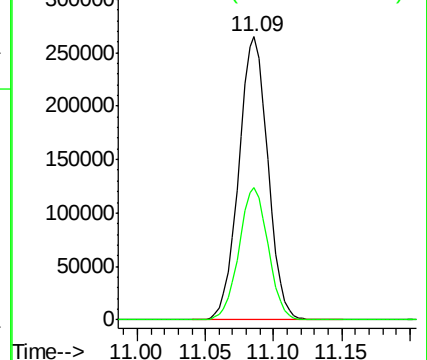
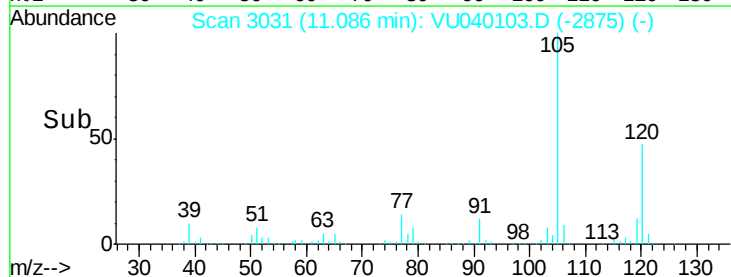


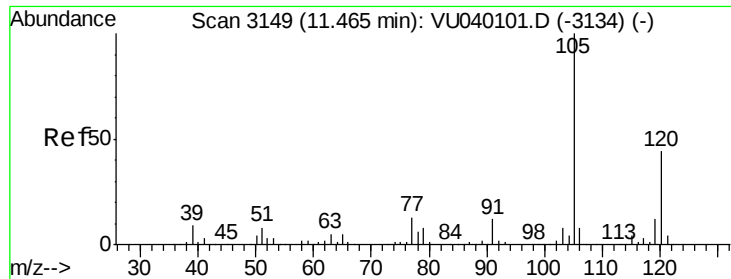
#75
 1,3,5-Trimethylbenzene
 Concen: 11.368 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion: 105 Resp: 391712
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): VU040101.D (-3017) (-)
 Ion 120.00 (119.70 to 120.70): VU040101.D (-3017) (-)

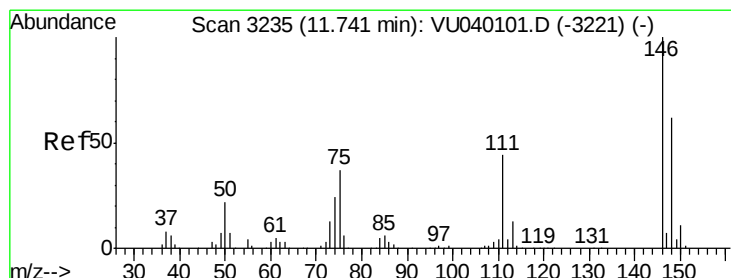
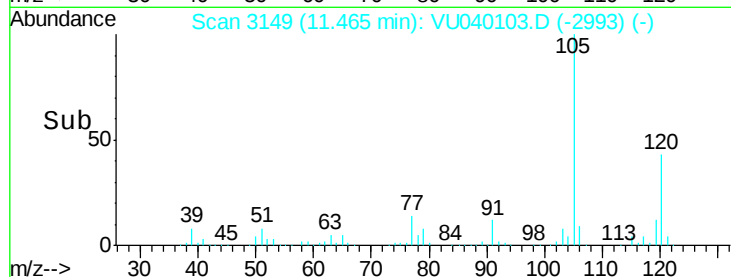
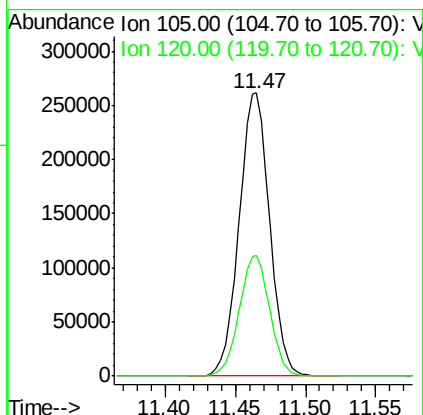
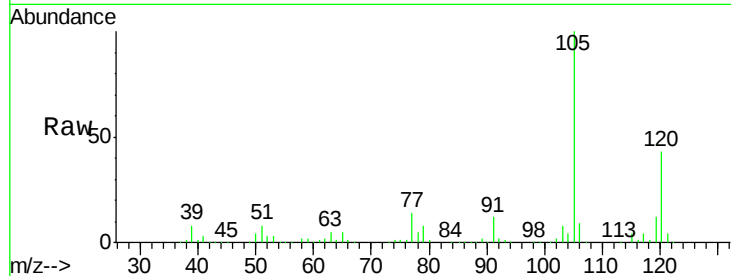




#78
 1,2,4-Trimethylbenzene
 Concen: 11.561 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

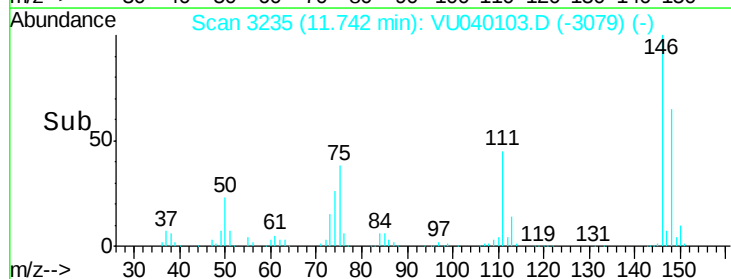
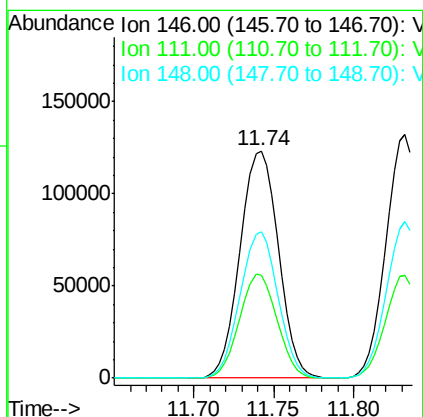
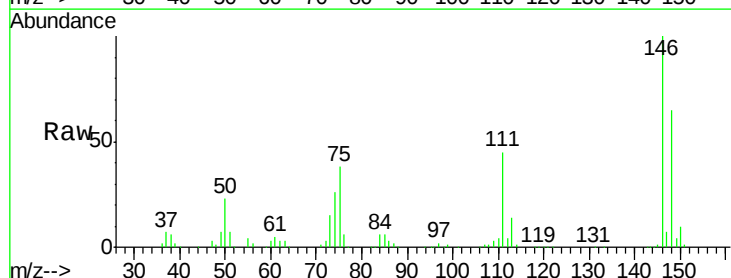
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

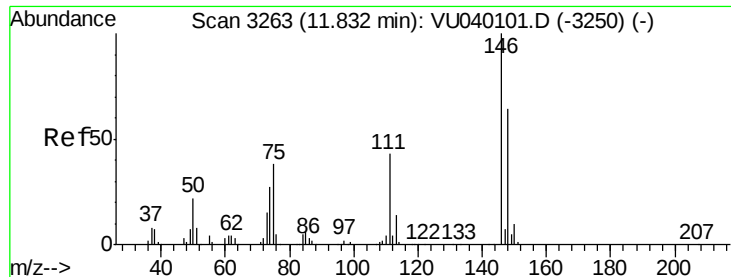
Tot Ion:105 Resp: 396287
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.9 65.5



#82
 1,3-Dichlorobenzene
 Concen: 10.140 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion:146 Resp: 202074
 Ion Ratio Lower Upper
 146 100
 111 44.6 35.4 53.0
 148 63.5 49.7 74.5

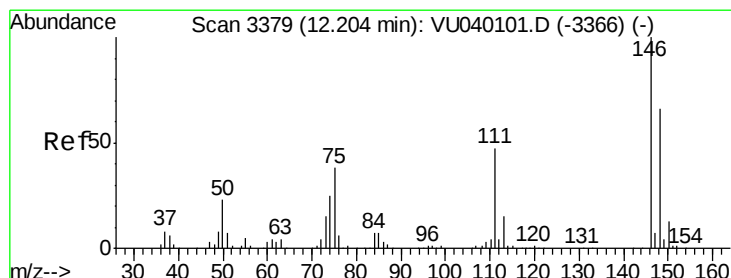
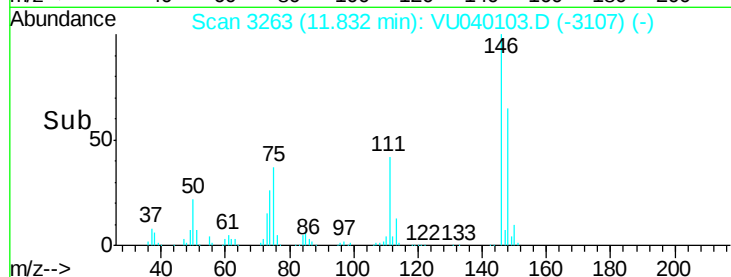
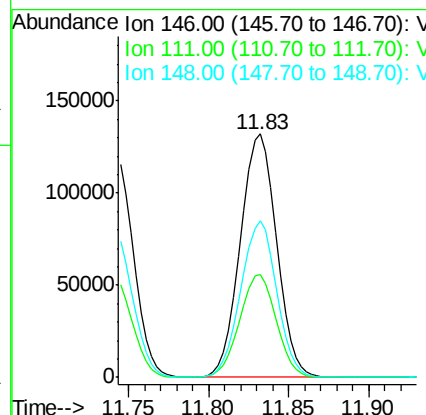
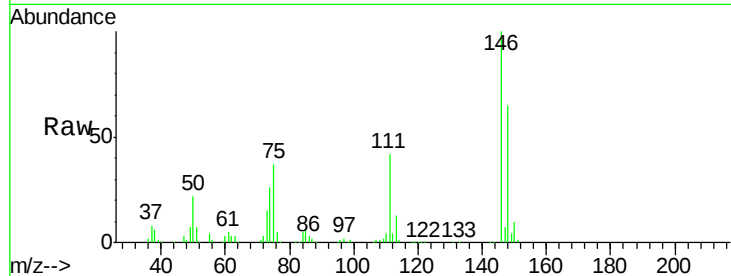




#83
 1,4-Dichlorobenzene
 Concen: 10.474 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

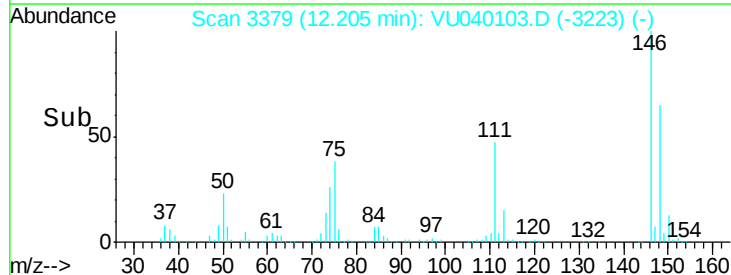
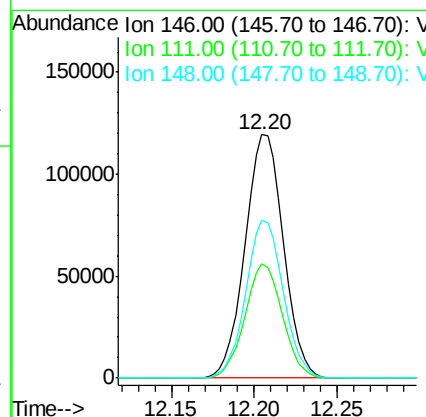
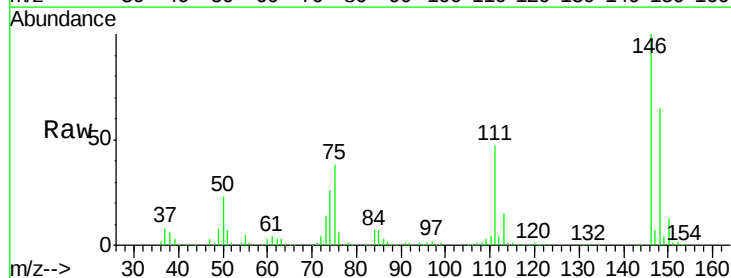
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

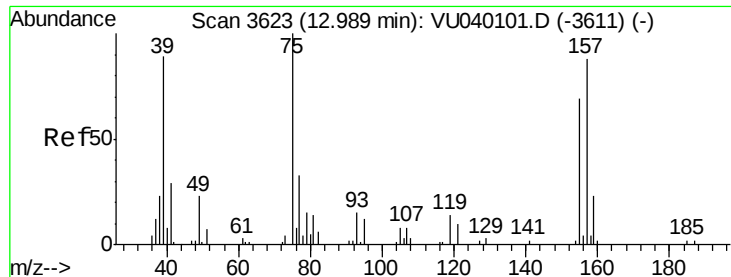
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	34.2	51.2
148	63.7	50.2	75.2



#85
 1,2-Dichlorobenzene
 Concen: 10.402 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.9	68.7
148	63.3	31.1	93.2

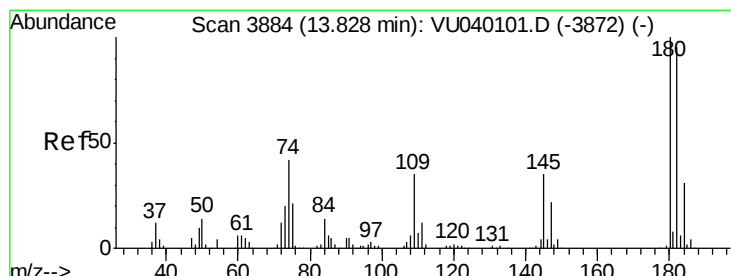
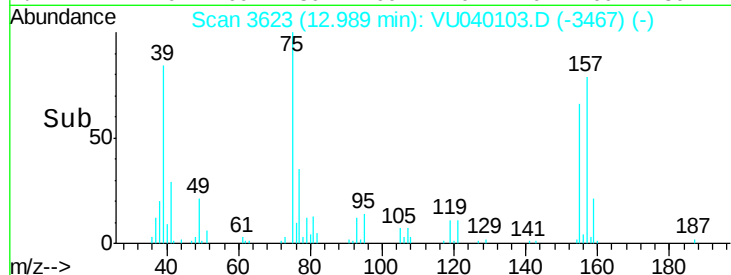
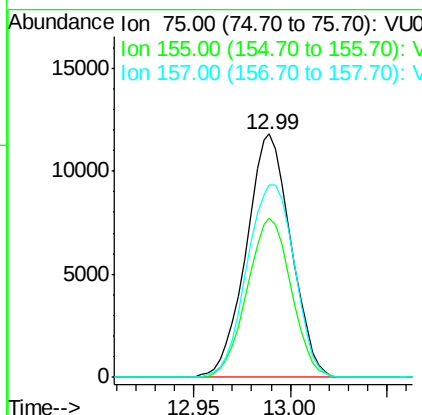
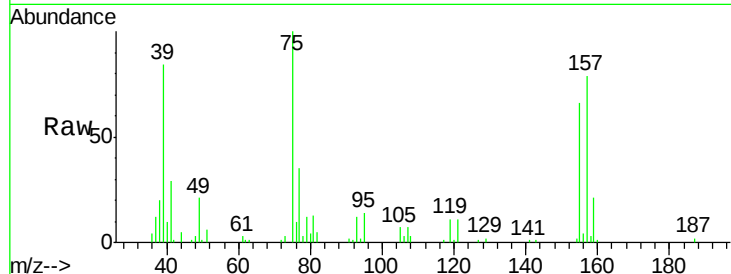




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.980 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

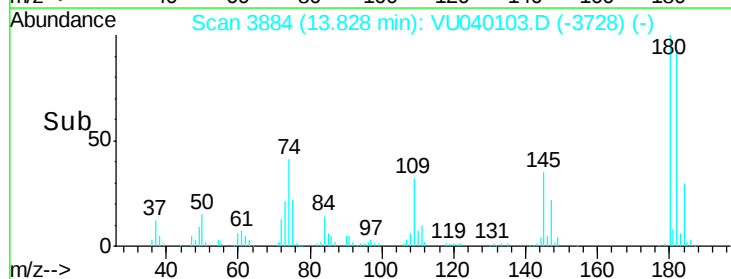
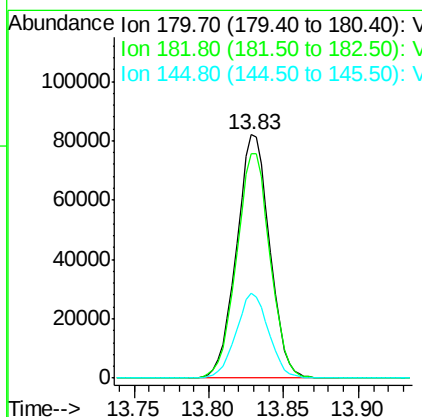
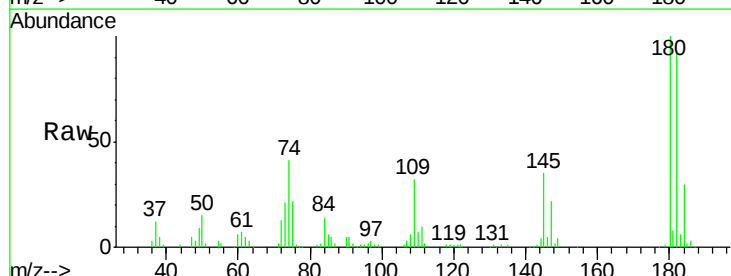
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

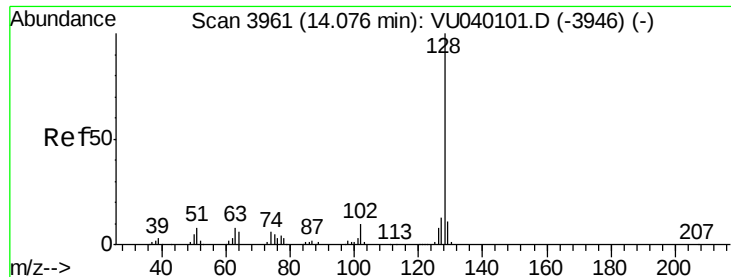
Tot Ion: 75 Resp: 18922
 Ion Ratio Lower Upper
 75 100
 155 64.6 53.4 80.0
 157 84.1 65.8 98.8



#87
 1,2,4-Trichlorobenzene
 Concen: 11.846 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040103.D
 Acq: 11 Sep 2020 13:59

Tgt Ion: 180 Resp: 126444
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.0 112.4
 145 34.2 27.7 41.5

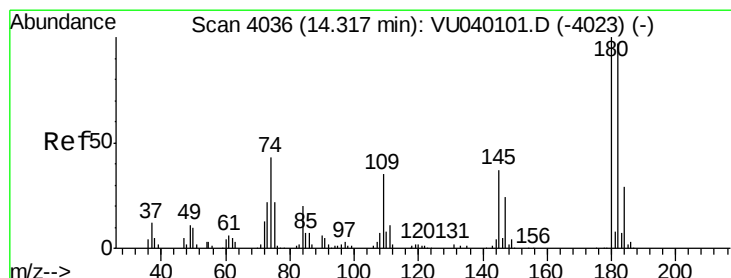
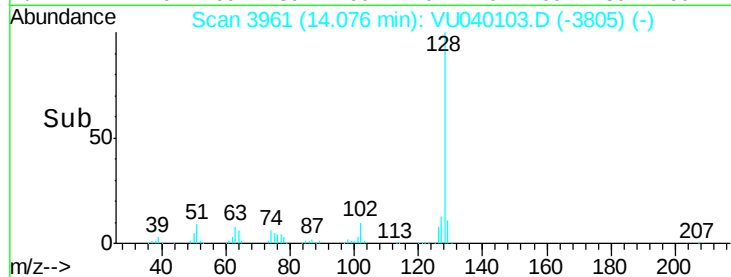
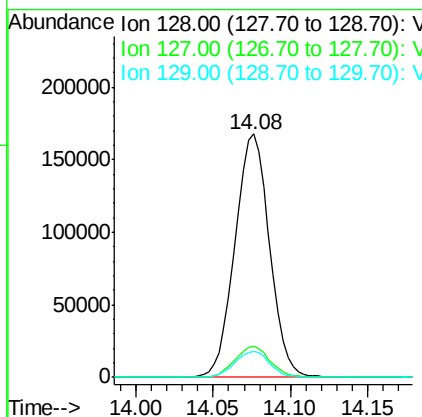
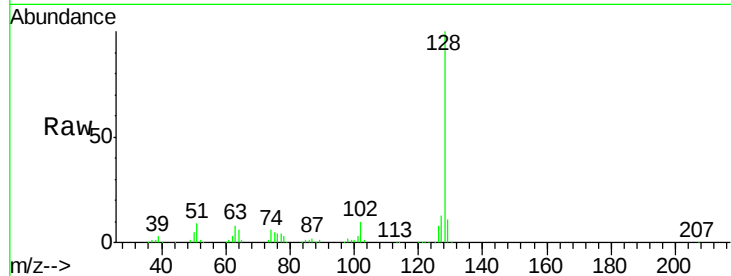




#89
Naphthalene
Concen: 13.209 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091120

Tot Ion:128 Resp: 260293
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 11.590 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. 0.00 min
Lab File: VU040103.D
Acq: 11 Sep 2020 13:59

Tgt Ion:180 Resp: 117559
Ion Ratio Lower Upper
180 100
182 94.5 76.0 114.0
145 35.3 30.6 45.8

