

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091120\
 Data File : VU040101.D
 Acq On : 11 Sep 2020 12:32
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Sep 11 12:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	29448	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	12183	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	12011	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	130569	15.615	ug/l 98
3) Chloromethane	1.53	50	103712	11.725	ug/l 99
4) Vinyl Chloride	1.61	62	114446	13.158	ug/l 99
5) Bromomethane	1.86	94	45306	6.994	ug/l 97
6) Chloroethane	1.94	64	63233	11.025	ug/l 98
7) Trichlorofluoromethane	2.15	101	162763	12.468	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	75617	10.038	ug/l 99
9) 1,1-Dichloroethene	2.59	96	54899	8.620	ug/l 99
10) Iodomethane	2.74	142	1211	0.240	ug/l 93
11) Allyl Chloride	3.06	41	3340	0.265	ug/l # 9
12) Acrylonitrile	3.38	53	3086	1.394	ug/l # 17
13) Acetone	2.66	43	218659	107.743	ug/l 95
14) Carbon Disulfide	2.81	76	92405	5.224	ug/l 99
15) Methylene Chloride	3.06	84	80469	8.250	ug/l 99
16) trans-1,2-Dichloroethene	3.37	96	63436	9.173	ug/l 96
17) 1,1-Dichloroethane	3.89	63	149918	9.936	ug/l 99
18) 2-Butanone	4.73	43	343543	110.988	ug/l 100
19) Cyclohexane	5.41	56	97911	7.813	ug/l 99
20) Methylcyclohexane	6.77	83	103847	8.940	ug/l 99
22) cis-1,2-Dichloroethene	4.69	96	80679	10.017	ug/l 84
23) Diethyl Ether	2.59	59	4504	0.746	ug/l # 12
24) tert-Butyl Alcohol	3.20	59	3194	3.933	ug/l # 70
25) Methyl tert-Butyl Ether	3.38	73	213995	10.075	ug/l 100
26) Bromochloromethane	5.00	128	37423	10.696	ug/l 97
27) Chloroform	5.11	83	165187	10.784	ug/l 98
28) 1,1,1-Trichloroethane	5.33	97	137403	10.315	ug/l 99
29) 1,1-Dichloropropene	5.79	75	5716	0.504	ug/l # 1
30) Carbon Tetrachloride	5.54	117	115255	9.538	ug/l 99
34) Propionitrile	4.73	54	407	0.519	ug/l # 1
35) Benzene	5.79	78	306811	9.775	ug/l 100
36) 1,2-Dichloroethane	5.81	62	118821	9.731	ug/l 100
37) Trichloroethene	6.56	130	77357	9.694	ug/l 99
38) 1,2-Dichloropropane	6.80	63	94531	10.402	ug/l 98
40) Methyl acrylate	4.73	55	4119	0.766	ug/l # 1
42) 1-Chlorobutane	5.41	56	97911	5.846	ug/l 94
43) Dibromomethane	7.12	93	3965	0.755	ug/l # 10
44) Bromodichloromethane	7.11	83	126736	10.053	ug/l 99
45) 4-Methyl-2-Pentanone	7.80	43	818447	114.398	ug/l 99
46) t-1,4-Dichloro-2-butene	10.82	75	73551	26.870	ug/l # 16
47) Methyl methacrylate	6.77	69	22598	5.020	ug/l # 1
49) Toluene	7.98	92	202347	10.666	ug/l 99

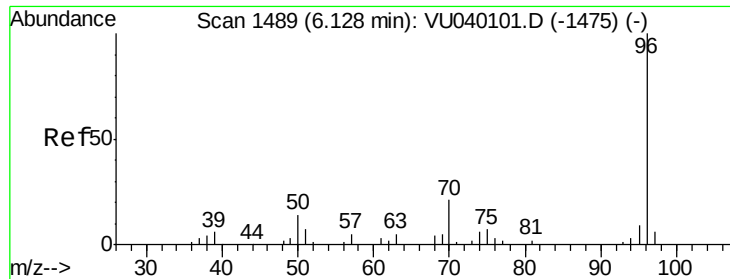
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091120\
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Quant Time: Sep 11 12:57:39 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 12:56:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) t-1,3-Dichloropropene	8.22	75	124982	10.991	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	128158	10.123	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	72075	10.713	ug/l	99
54) 2-Hexanone	8.69	43	589119	113.584	ug/l	98
55) Dibromochloromethane	8.82	129	86122	10.970	ug/l	98
56) 1,2-Dibromoethane	8.93	107	67712	10.776	ug/l	99
58) Tetrachloroethene	8.56	164	58888	7.603	ug/l	98
59) Chlorobenzene	9.45	112	230245	10.945	ug/l	98
61) Pentachloroethane	11.46	117	12798	2.436	ug/l #	16
63) Ethyl Benzene	9.57	91	408759	11.387	ug/l	98
64) m/p-Xylenes	9.70	106	155186	11.571	ug/l	98
65) o-Xylene	10.10	106	151149	11.674	ug/l	99
66) Styrene	10.11	104	274757	12.082	ug/l	99
67) Bromoform	10.29	173	45997	11.378	ug/l	99
69) Isopropylbenzene	10.48	105	419437	11.770	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	97332	10.821	ug/l	97
71) 1,2,3-Trichloropropane	10.82	75	73551	10.531	ug/l	82
73) n-propylbenzene	11.09	120	177626	18.130	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.09	105	382610	12.260	ug/l	99
77) tert-Butylbenzene	11.46	119	44386	1.529	ug/l #	58
78) 1,2,4-Trimethylbenzene	11.46	105	380972	11.639	ug/l	100
79) sec-Butylbenzene	11.46	105	380972	9.060	ug/l #	58
80) Nitrobenzene	13.20	77	126	0.349	ug/l #	77
82) 1,3-Dichlorobenzene	11.74	146	196387	10.727	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	196463	10.799	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	182642	10.375	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	17462	10.430	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	116909	11.506	ug/l	99
89) Naphthalene	14.08	128	244833	12.362	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	111514	11.783	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 96 Resp: 29448

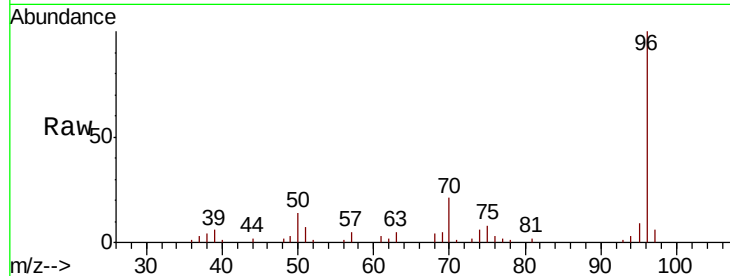
Ion Ratio Lower Upper

96 100

70 20.1 17.1 25.7

95 8.5 7.6 11.4

97 0.0 0.0 0.0

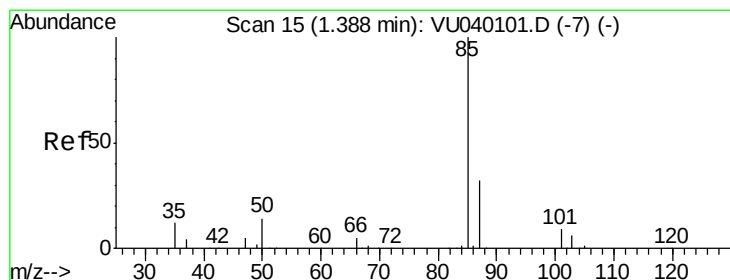
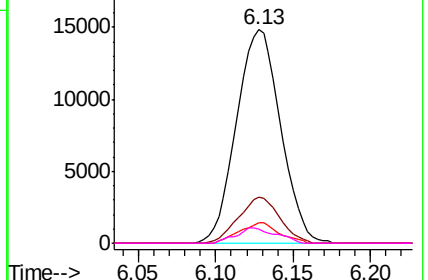
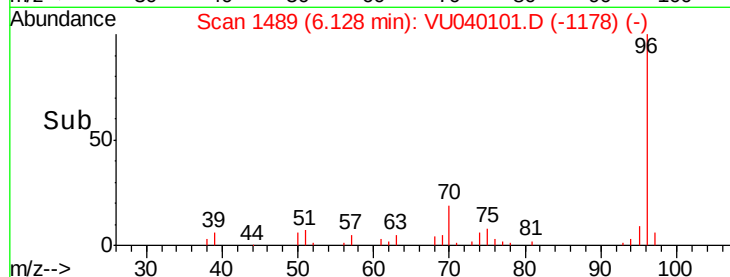


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 15.615 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040101.D

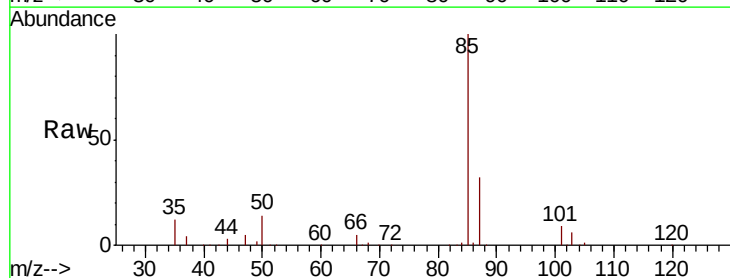
Acq: 11 Sep 2020 12:32

Tgt Ion: 85 Resp: 130569

Ion Ratio Lower Upper

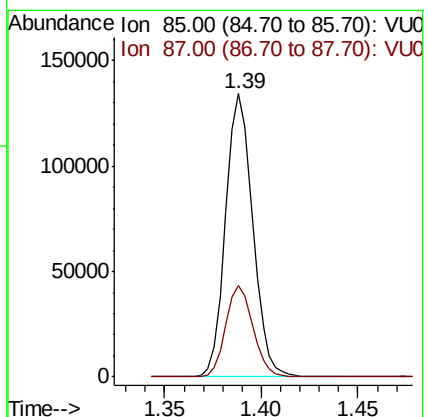
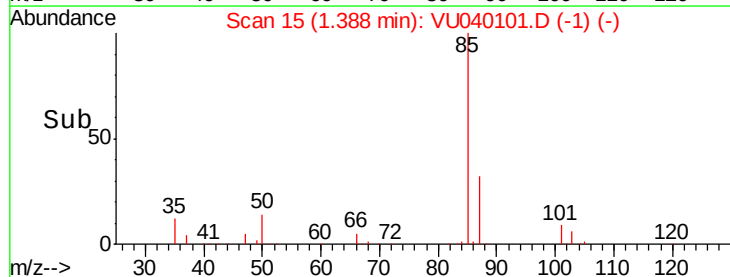
85 100

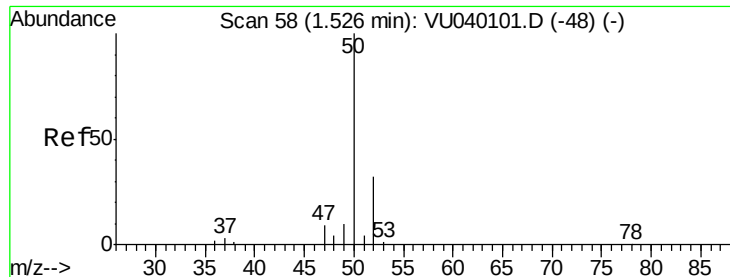
87 32.4 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 11.725 ug/l

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

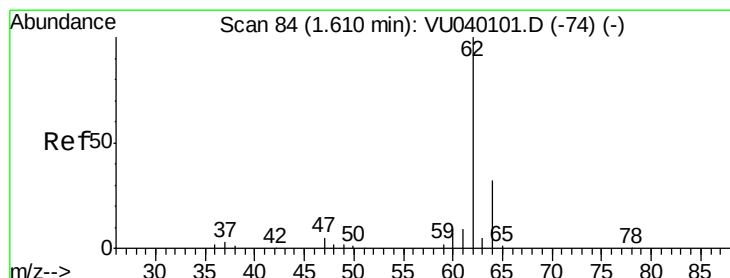
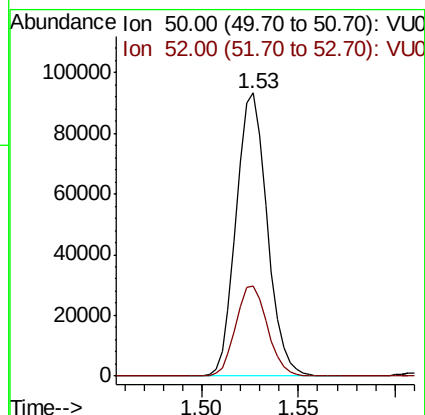
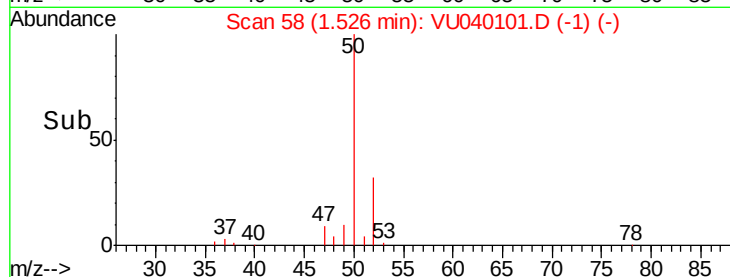
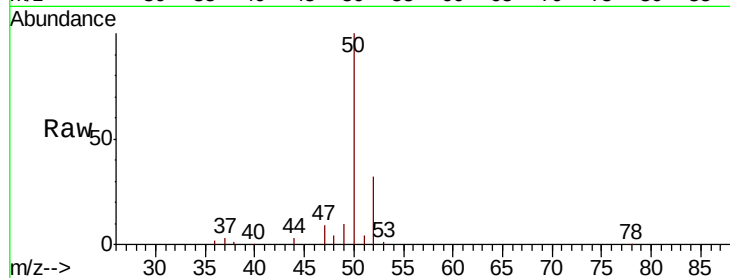
VSTDICCC010

Tot Ion: 50 Resp: 103712

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



#4

Vinyl Chloride

Concen: 13.158 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040101.D

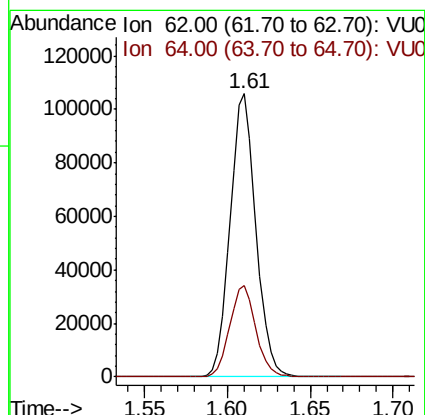
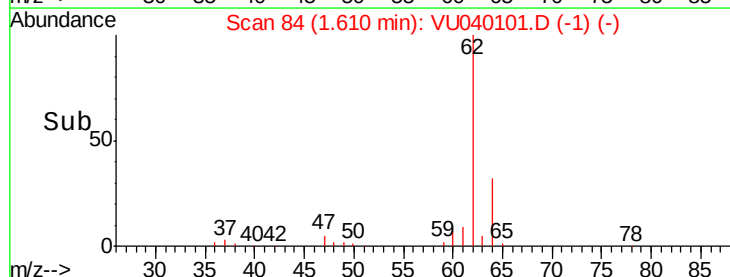
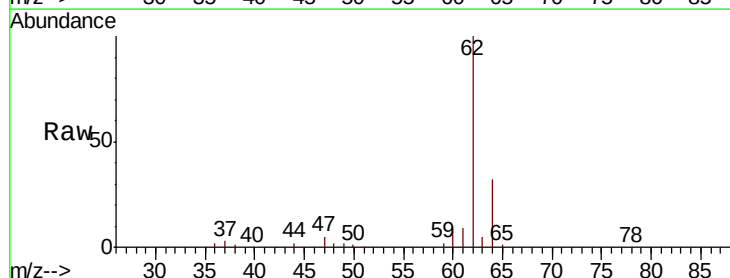
Acq: 11 Sep 2020 12:32

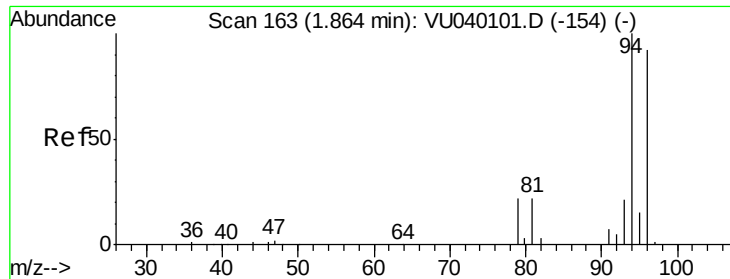
Tgt Ion: 62 Resp: 114446

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

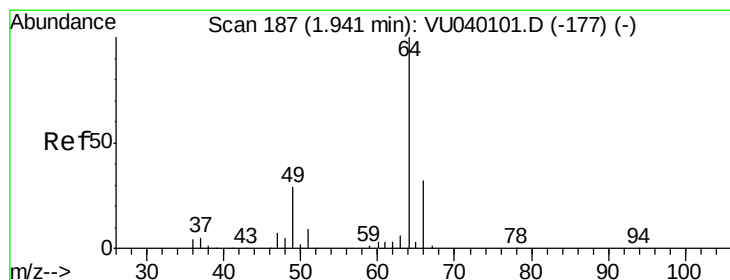
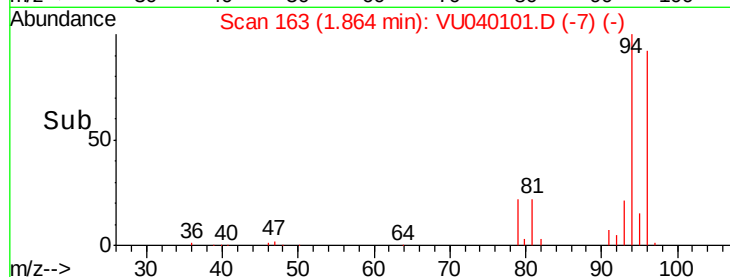
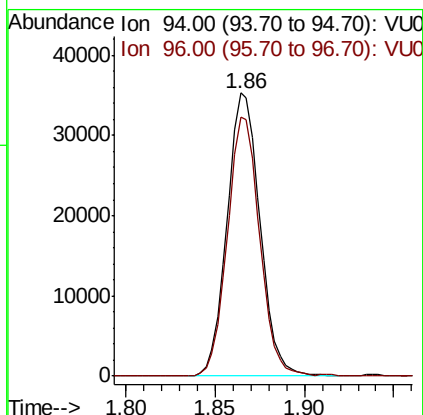
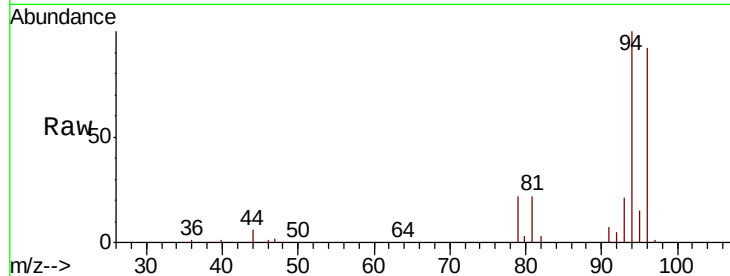




#5
Bromomethane
Concen: 6.994 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

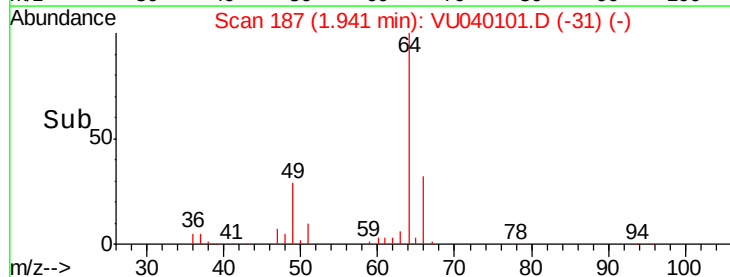
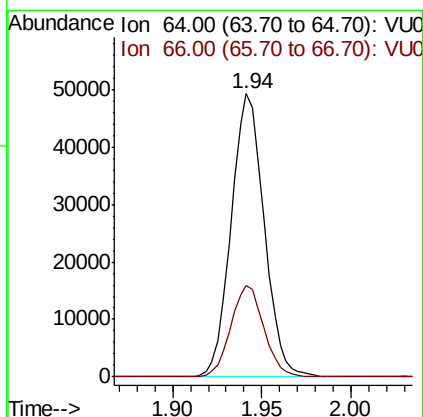
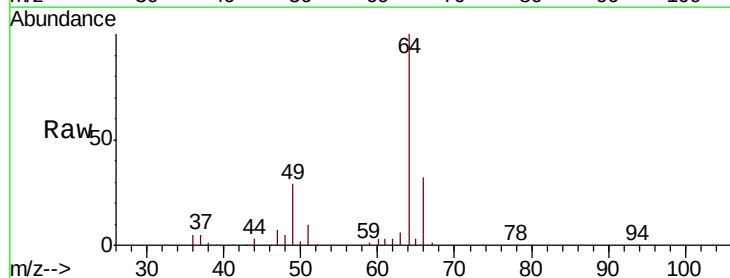
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

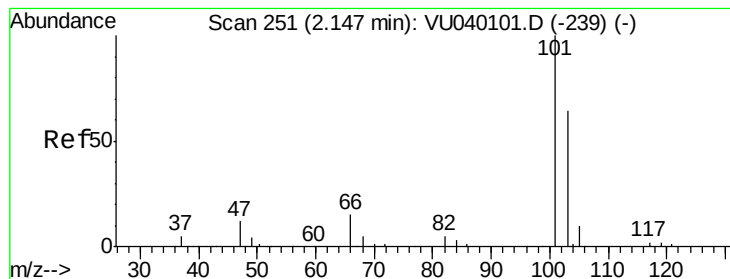
Tot Ion: 94 Resp: 45306
Ion Ratio Lower Upper
94 100
96 91.5 75.4 113.2



#6
Chloroethane
Concen: 11.025 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 64 Resp: 63233
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1



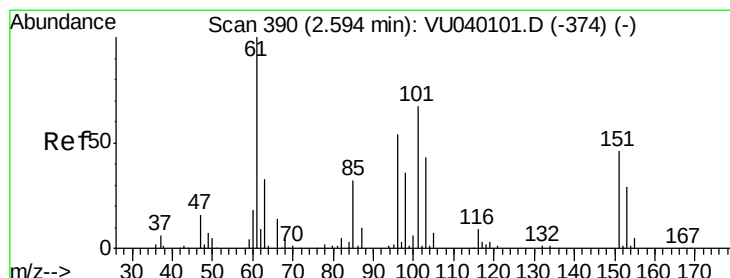
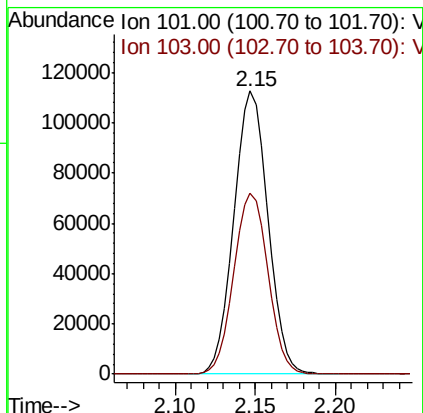
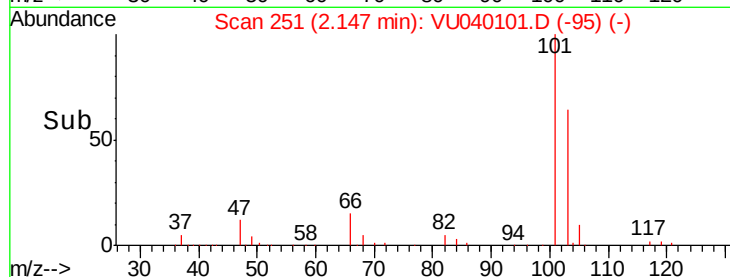
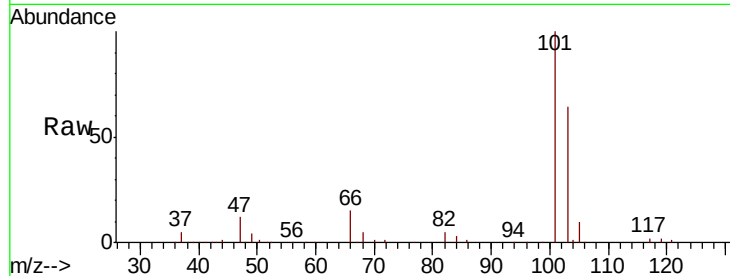


#7

Trichlorofluoromethane
 Concen: 12.468 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

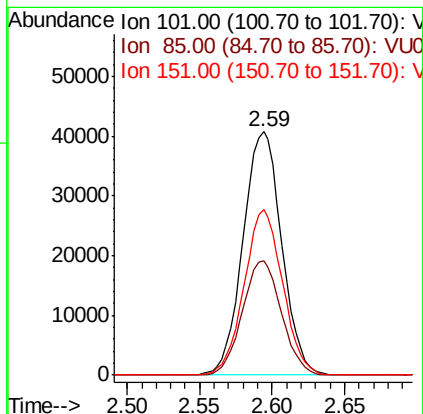
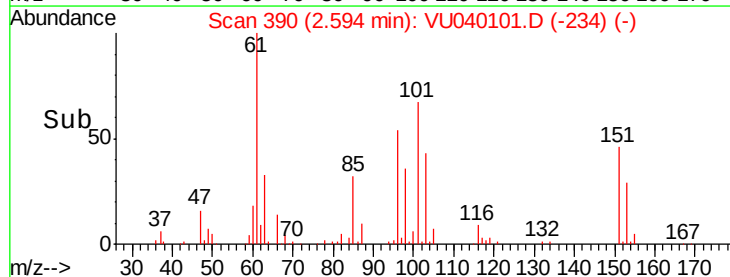
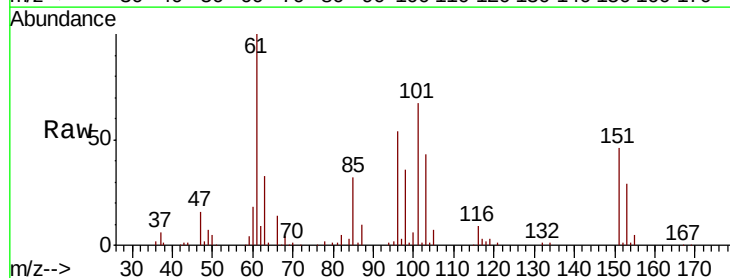
Tot Ion:101 Resp: 162763
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.8 76.2

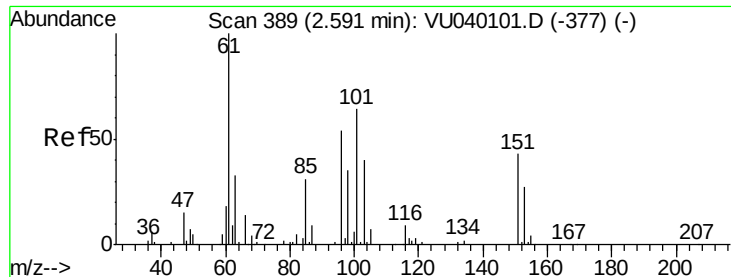


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.038 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion:101 Resp: 75617
 Ion Ratio Lower Upper
 101 100
 85 47.5 38.5 57.7
 151 67.6 54.6 81.8





#9

1,1-Dichloroethene

Concen: 8.620 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

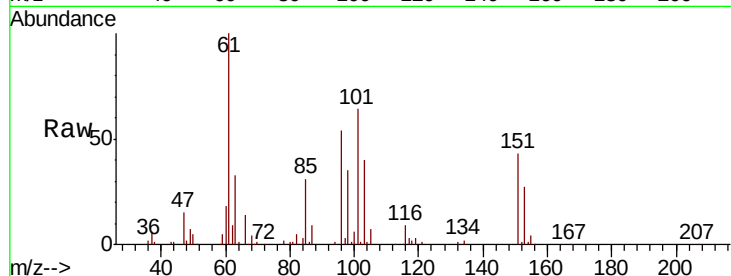
Tot Ion: 96 Resp: 54899

Ion Ratio Lower Upper

96 100

61 186.4 0.0 557.1

98 66.0 0.0 125.6

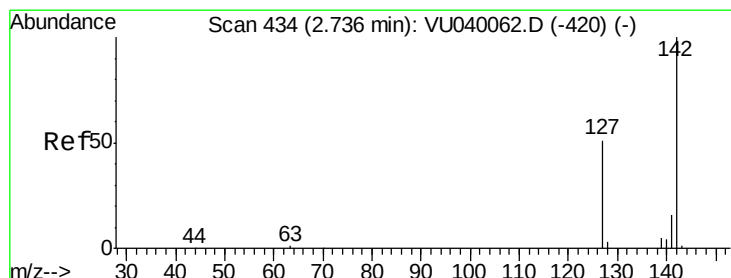
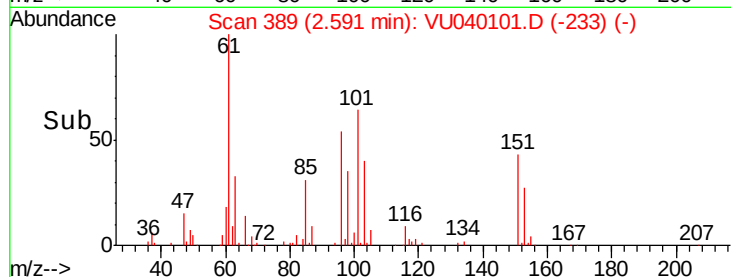
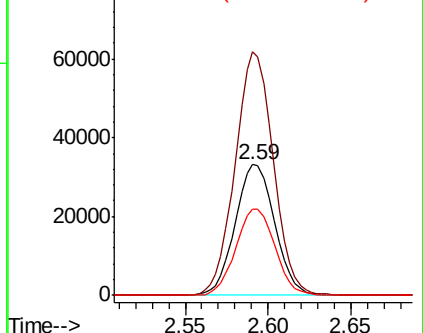


Abundance

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



#10

Iodomethane

Concen: 0.240 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040101.D

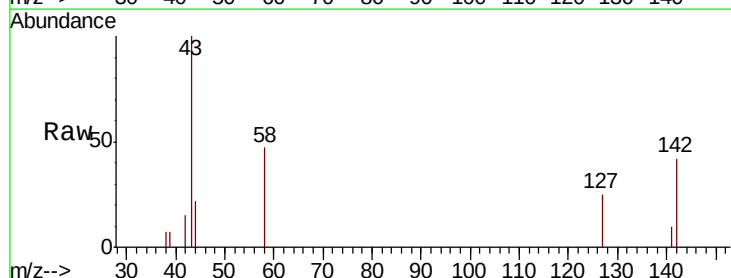
Acq: 11 Sep 2020 12:32

Tgt Ion: 142 Resp: 1211

Ion Ratio Lower Upper

142 100

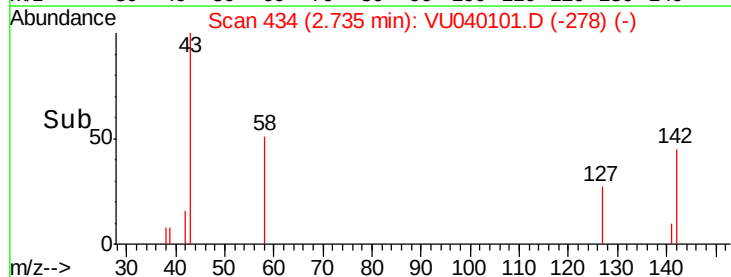
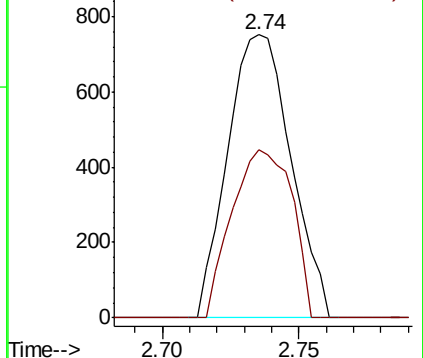
127 56.6 41.4 62.0

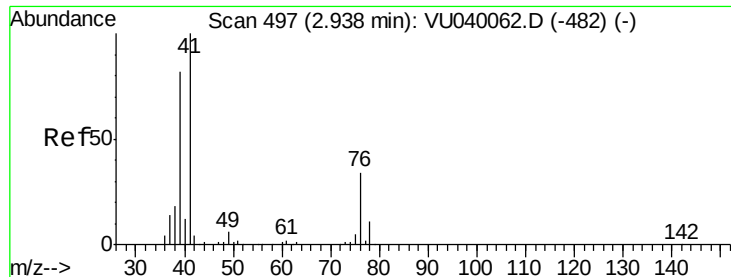


Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

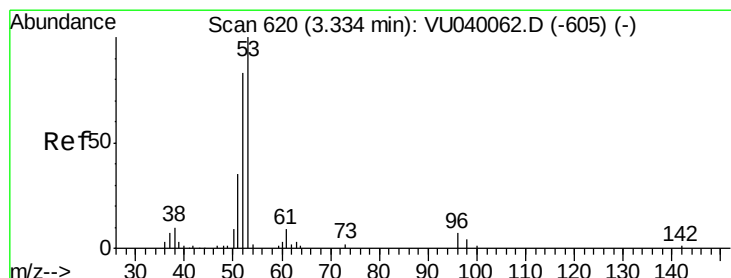
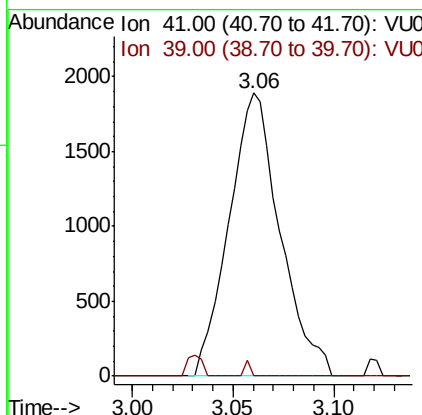
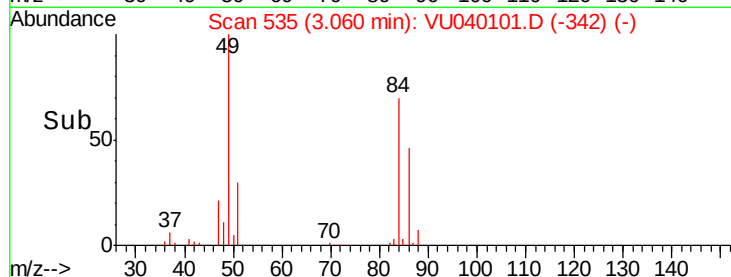
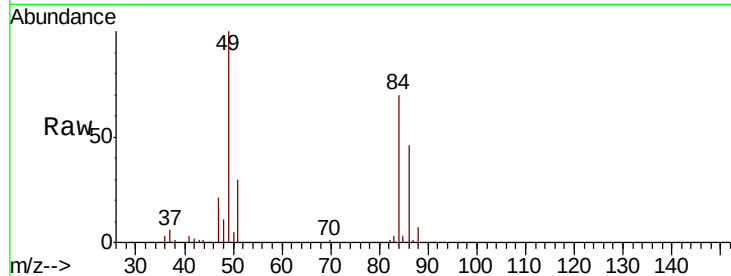




#11
 Allvl Chloride
 Concen: 0.265 ug/l
 RT: 3.06 min Scan# 535
 Delta R.T. 0.12 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

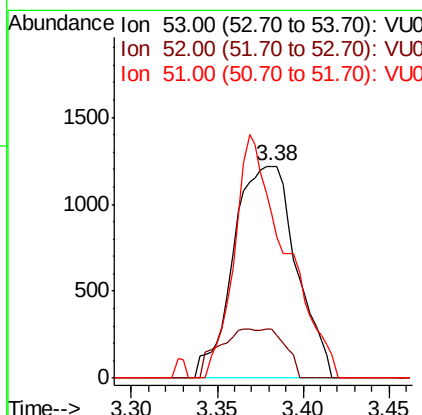
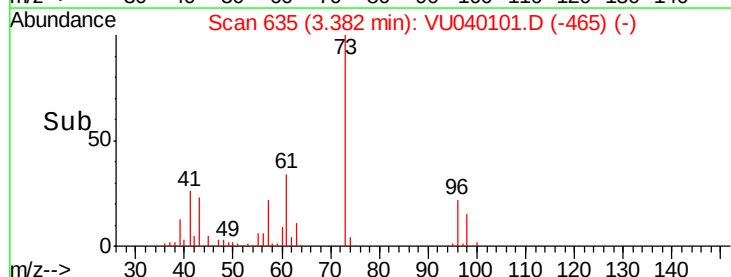
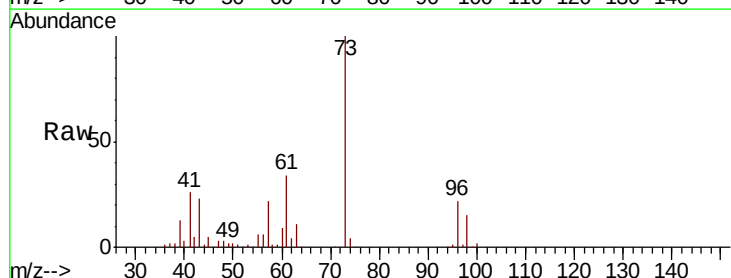
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

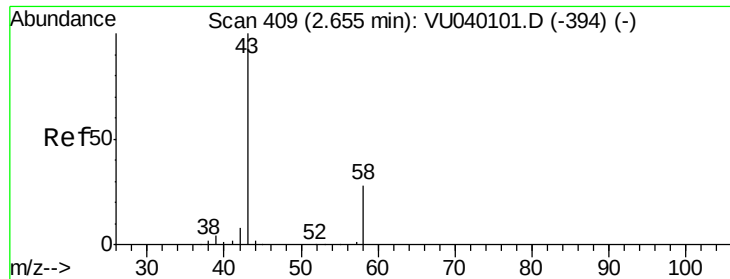
Tot Ion: 41 Resp: 3340
 Ion Ratio Lower Upper
 41 100
 39 0.0 64.6 96.8#



#12
 Acrylonitrile
 Concen: 1.394 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. 0.05 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion: 53 Resp: 3086
 Ion Ratio Lower Upper
 53 100
 52 14.0 64.0 96.0#
 51 93.8 28.2 42.2#





#13

Acetone

Concen: 107.743 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

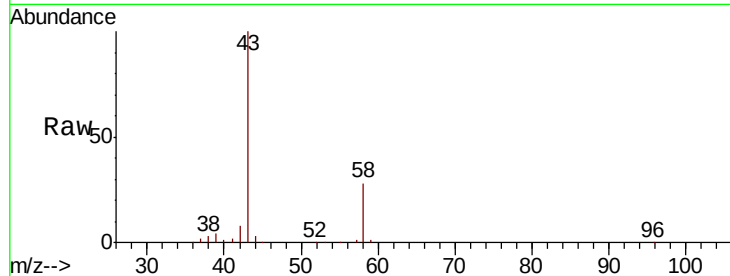
VSTDICCC010

Tot Ion: 43 Resp: 218659

Ion Ratio Lower Upper

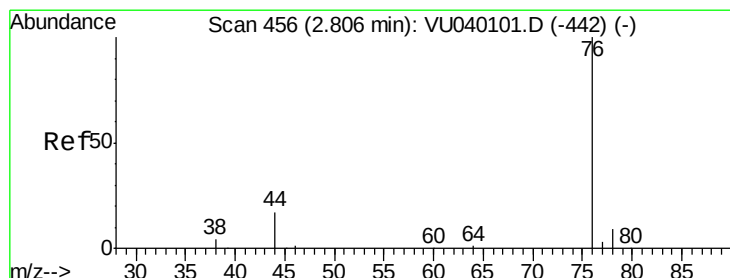
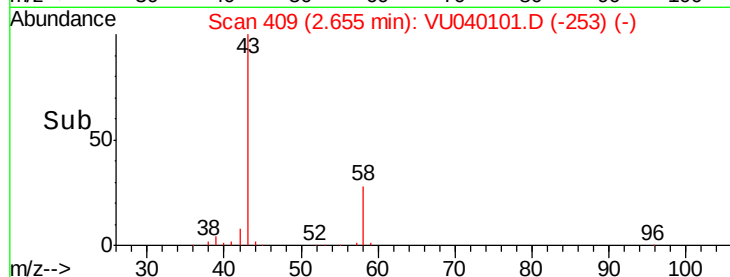
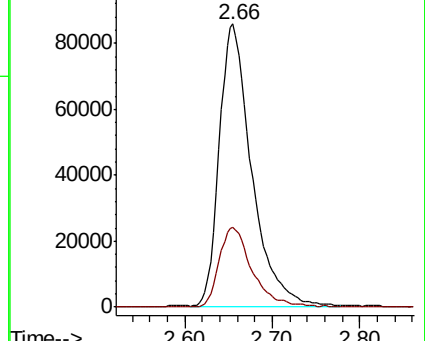
43 100

58 28.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VU040101.D (-394) (-)

Ion 58.00 (57.70 to 58.70): VU040101.D (-394) (-)



#14

Carbon Disulfide

Concen: 5.224 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040101.D

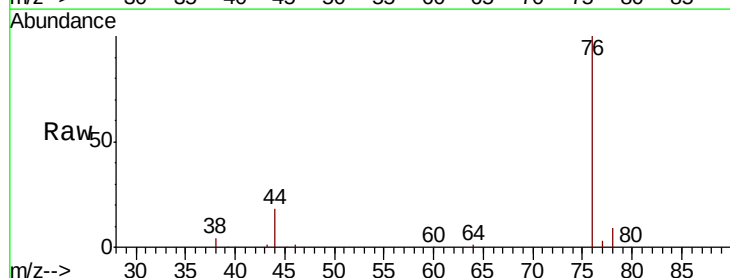
Acq: 11 Sep 2020 12:32

Tgt Ion: 76 Resp: 92405

Ion Ratio Lower Upper

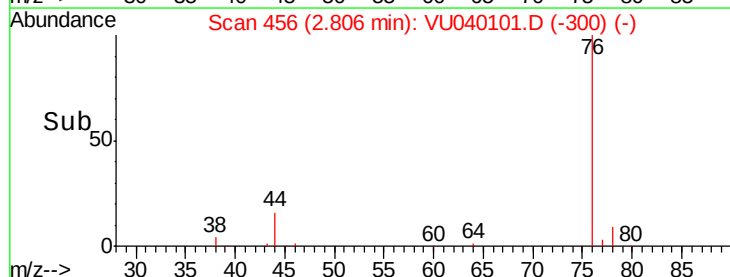
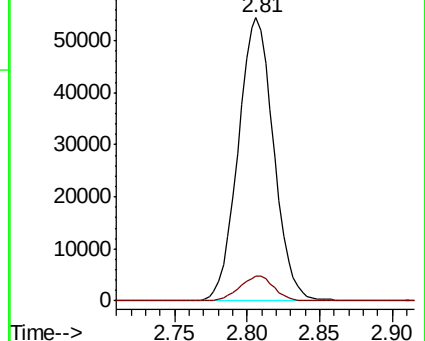
76 100

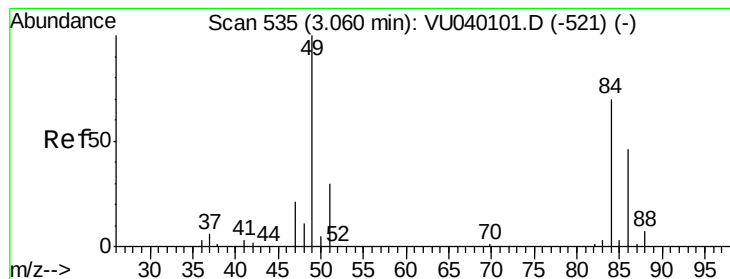
78 8.7 7.2 10.8



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

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





#15

Methylene Chloride

Concen: 8.250 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 84 Resp: 80469

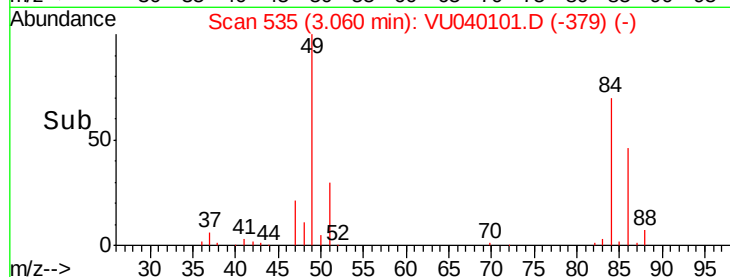
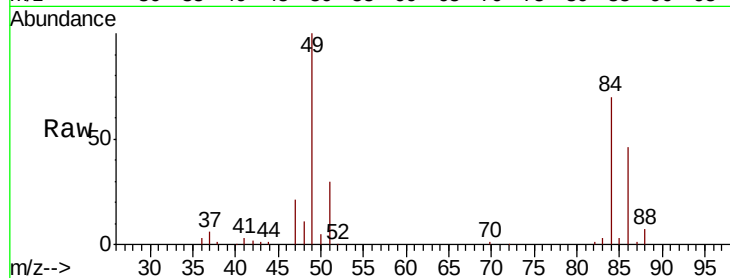
Ion Ratio Lower Upper

84 100

49 142.8 114.3 171.5

51 42.4 0.0 84.6

86 66.3 50.6 76.0

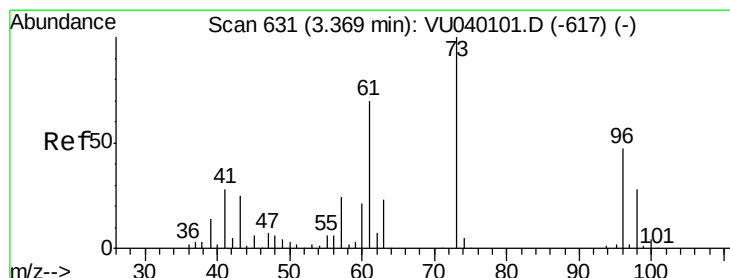
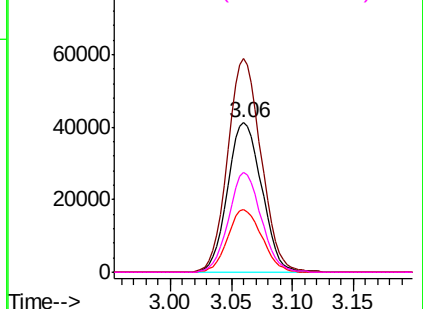


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 9.173 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

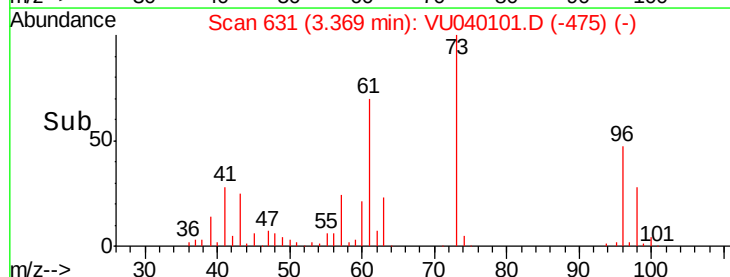
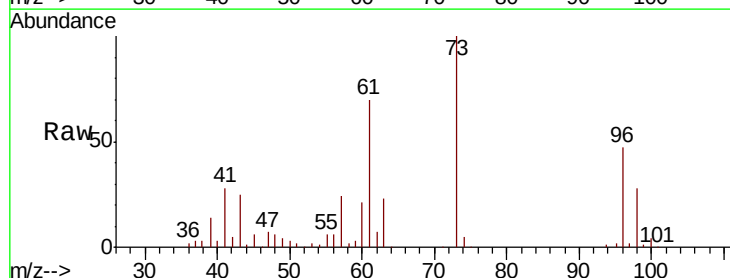
Tgt Ion: 96 Resp: 63436

Ion Ratio Lower Upper

96 100

61 148.4 121.4 182.0

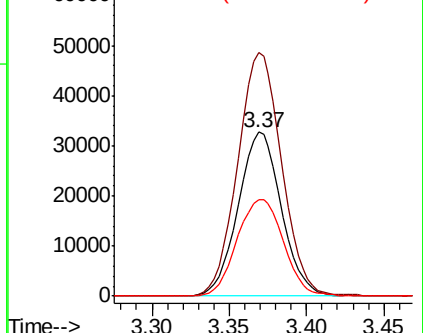
98 59.1 51.9 77.9

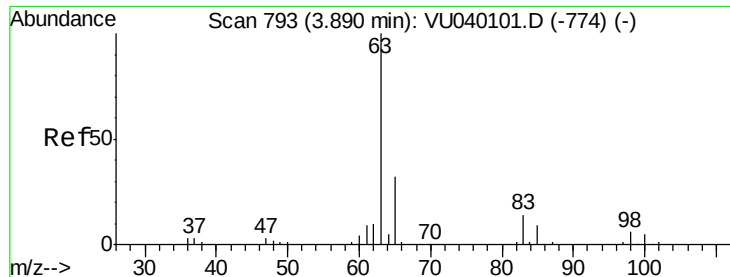


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

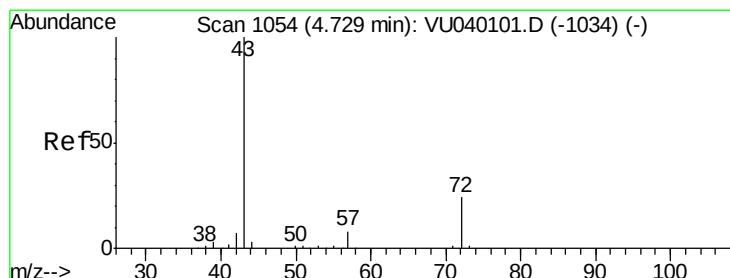
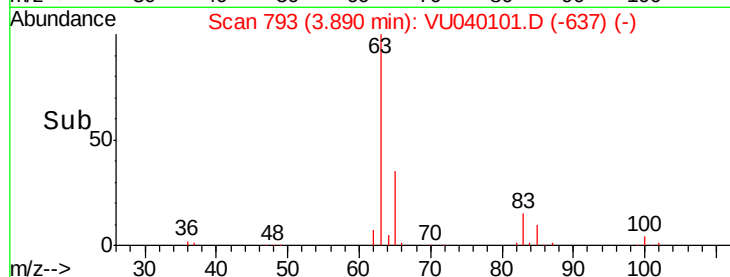
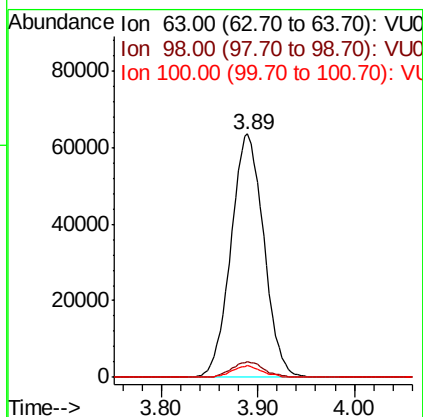
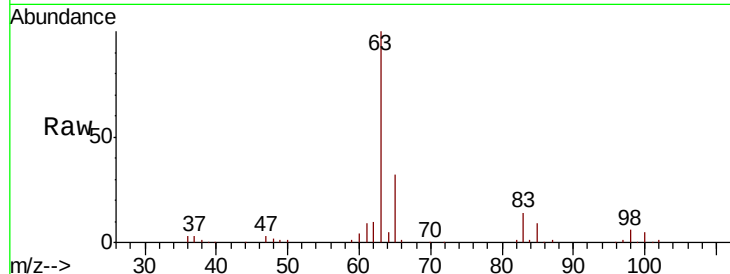




#17
 1,1-Dichloroethane
 Concen: 9.936 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

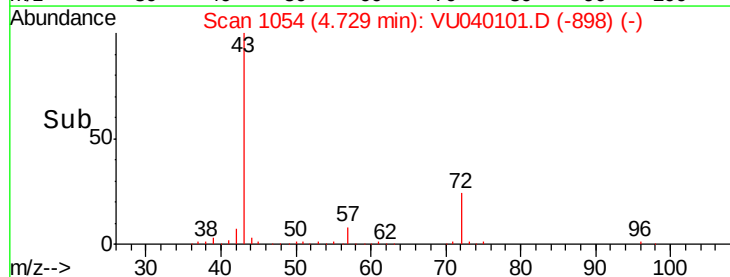
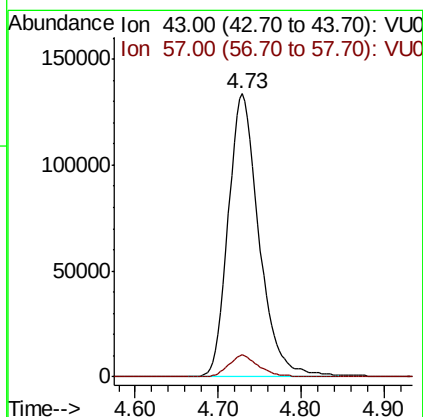
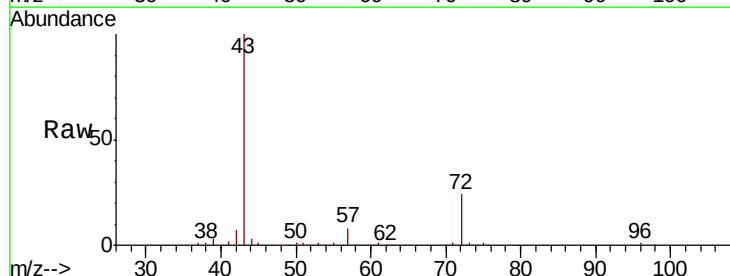
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

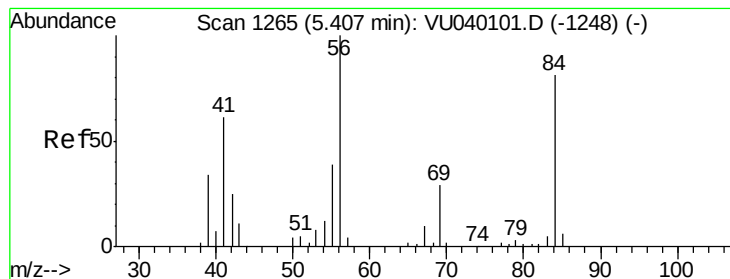
Tot Ion: 63 Resp: 149918
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.8 2.0 5.8



#18
 2-Butanone
 Concen: 110.988 ug/l
 RT: 4.73 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion: 43 Resp: 343543
 Ion Ratio Lower Upper
 43 100
 57 7.7 0.0 15.2





#19

Cyclohexane

Concen: 7.813 ug/l

RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

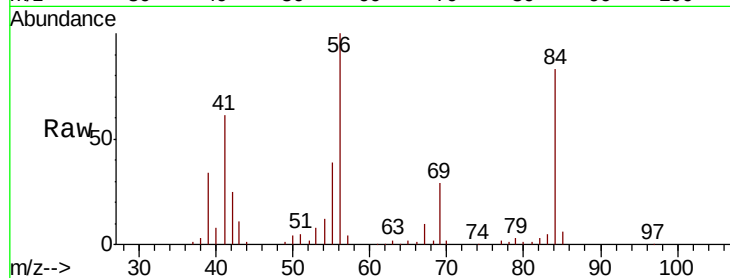
Tot Ion: 56 Resp: 97911

Ion Ratio Lower Upper

56 100

69 29.5 23.5 35.3

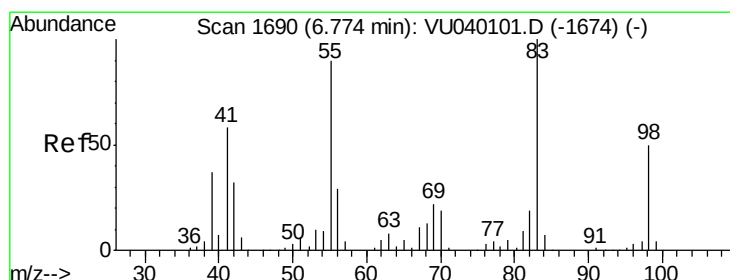
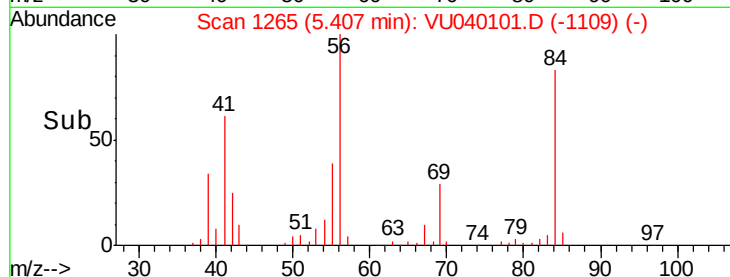
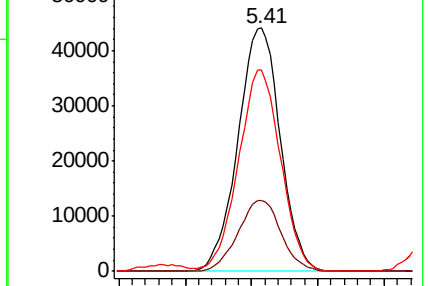
84 81.0 63.8 95.6



Abundance Ion 56.00 (55.70 to 56.70): VU040101.D (-1248) (-)

Ion 69.00 (68.70 to 69.70): VU040101.D (-1248) (-)

Ion 84.00 (83.70 to 84.70): VU040101.D (-1248) (-)



#20

Methylcyclohexane

Concen: 8.940 ug/l

RT: 6.77 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

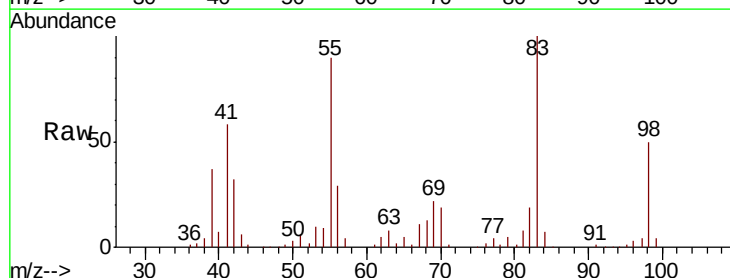
Tgt Ion: 83 Resp: 103847

Ion Ratio Lower Upper

83 100

55 87.4 69.4 104.2

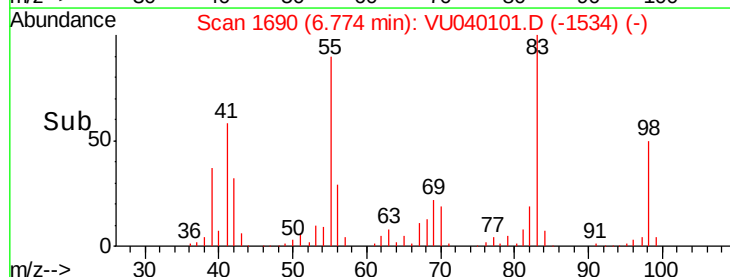
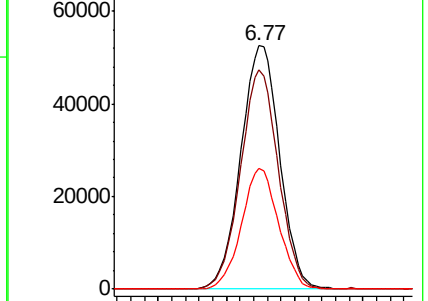
98 47.5 37.5 56.3

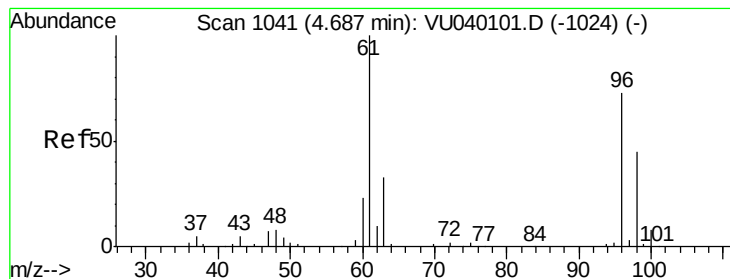


Abundance Ion 83.00 (82.70 to 83.70): VU040101.D (-1674) (-)

Ion 55.00 (54.70 to 55.70): VU040101.D (-1674) (-)

Ion 98.00 (97.70 to 98.70): VU040101.D (-1674) (-)





#22

cis-1,2-Dichloroethene

Concen: 10.017 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

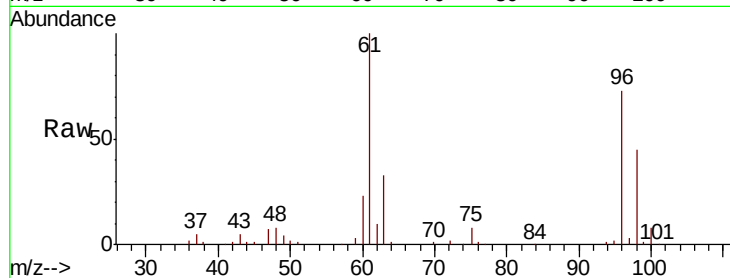
Tot Ion: 96 Resp: 80679

Ion Ratio Lower Upper

96 100

61 138.8 0.0 420.0

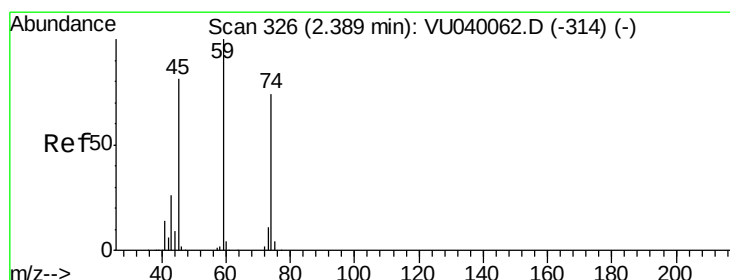
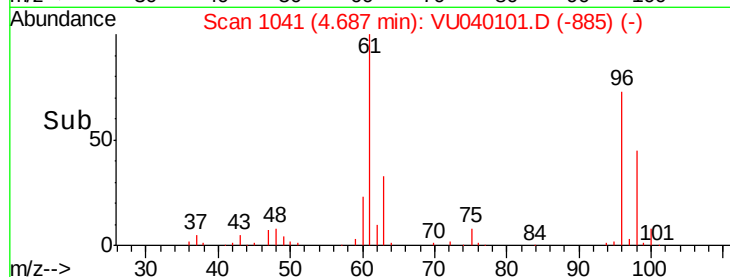
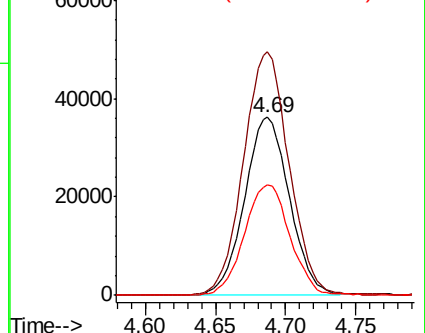
98 63.4 31.8 95.3



Abundance Ion 96.00 (95.70 to 96.70): VU040101.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VU040101.D (-1024) (-)

Ion 98.00 (97.70 to 98.70): VU040101.D (-1024) (-)



#23

Diethyl Ether

Concen: 0.746 ug/l

RT: 2.59 min Scan# 389

Delta R.T. 0.20 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

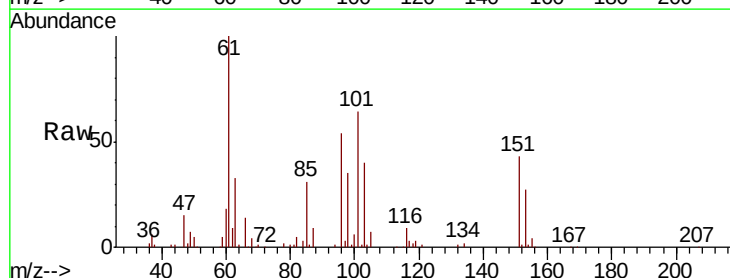
Tgt Ion: 59 Resp: 4504

Ion Ratio Lower Upper

59 100

45 0.4 62.4 93.6#

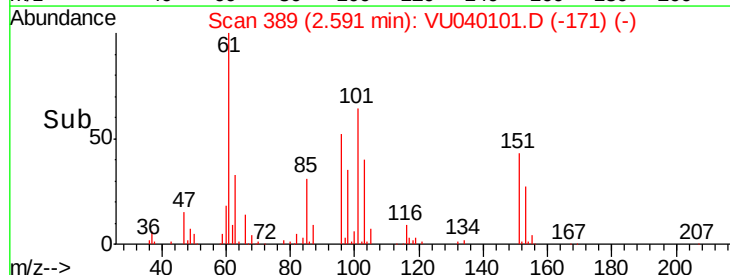
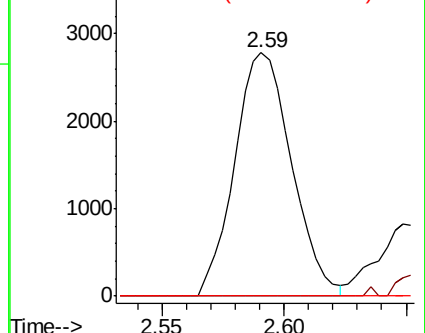
74 0.0 57.7 86.5#

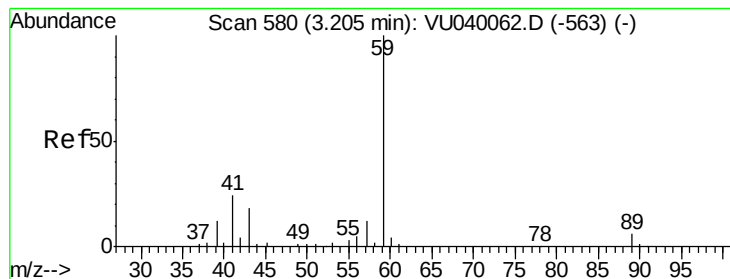


Abundance Ion 59.00 (58.70 to 59.70): VU040101.D (-171) (-)

Ion 45.00 (44.70 to 45.70): VU040101.D (-171) (-)

Ion 74.00 (73.70 to 74.70): VU040101.D (-171) (-)





#24

tert-Butyl Alcohol

Concen: 3.933 ug/l

RT: 3.20 min Scan# 579

Delta R.T. -0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

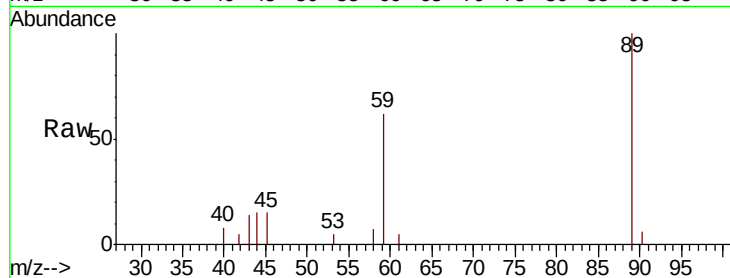
VSTDICCC010

Tot Ion: 59 Resp: 3194

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VU040062.D (-563) (-)

Ion 57.00 (56.70 to 57.70): VU040062.D (-563) (-)

3.20

1500

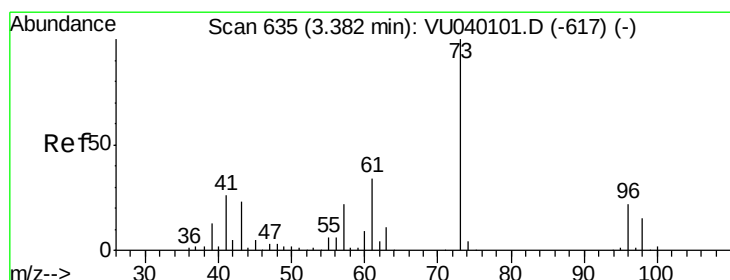
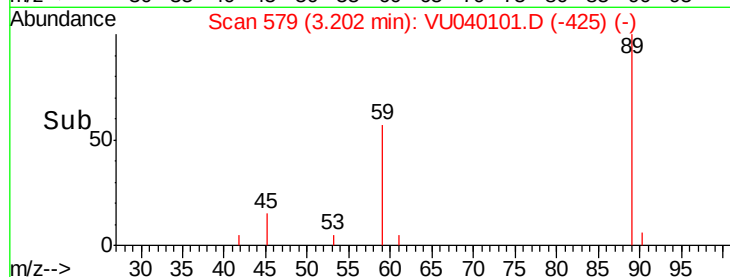
1000

500

0

3.15 3.20 3.25

Time-->



#25

Methyl tert-Butyl Ether

Concen: 10.075 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040101.D

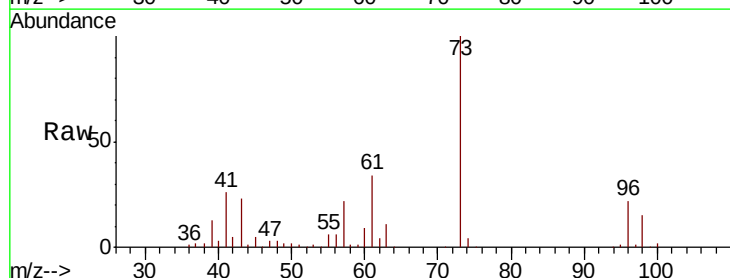
Acq: 11 Sep 2020 12:32

Tgt Ion: 73 Resp: 213995

Ion Ratio Lower Upper

73 100

43 24.8 20.0 30.0



Abundance Ion 73.00 (72.70 to 73.70): VU040101.D (-617) (-)

Ion 43.00 (42.70 to 43.70): VU040101.D (-617) (-)

3.38

100000

80000

60000

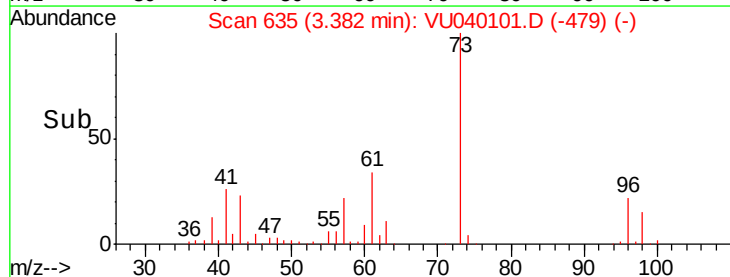
40000

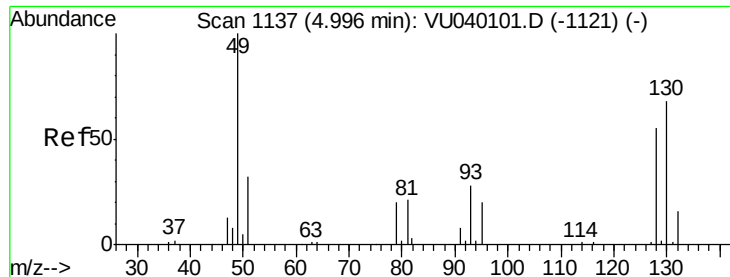
20000

0

3.30 3.35 3.40 3.45

Time-->

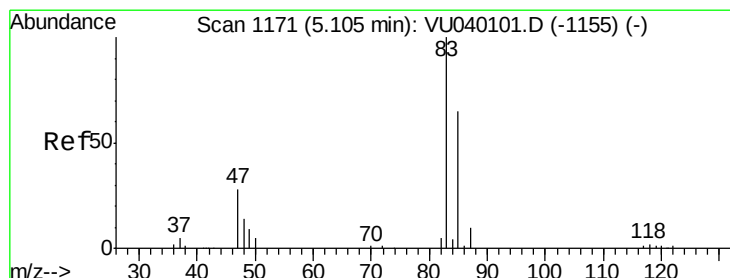
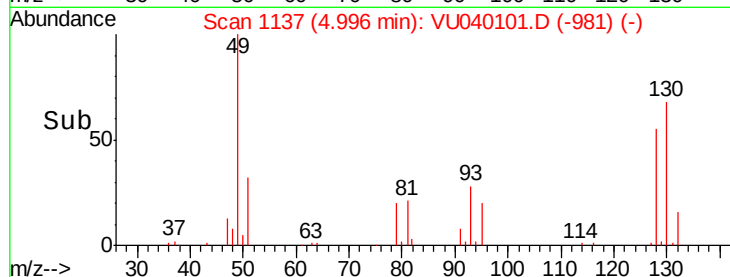
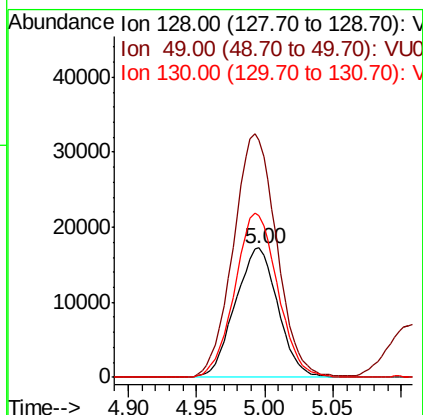
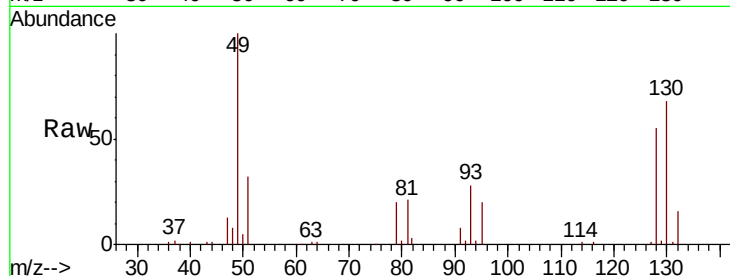




#26
Bromochloromethane
Concen: 10.696 ug/l
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

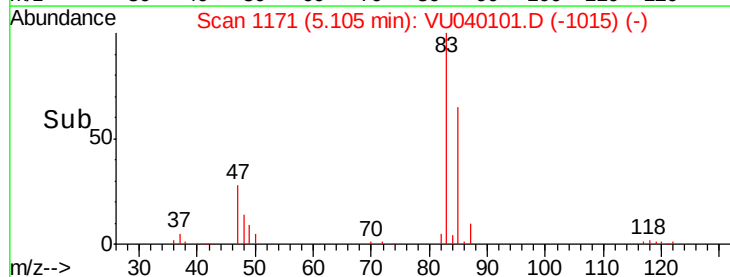
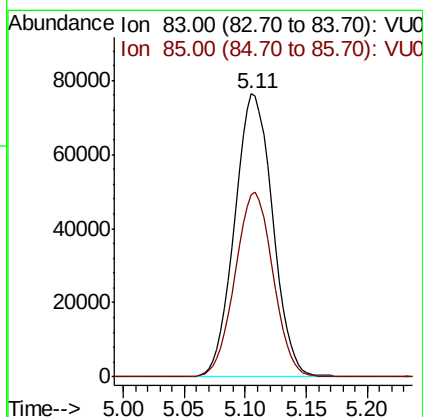
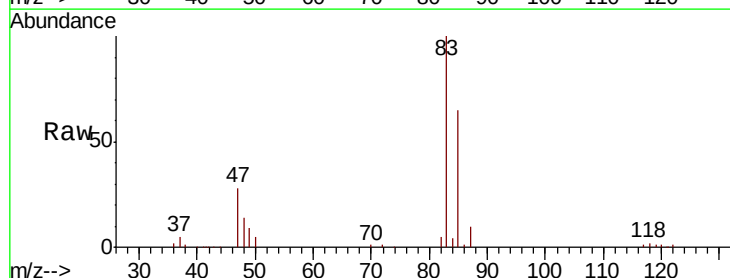
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

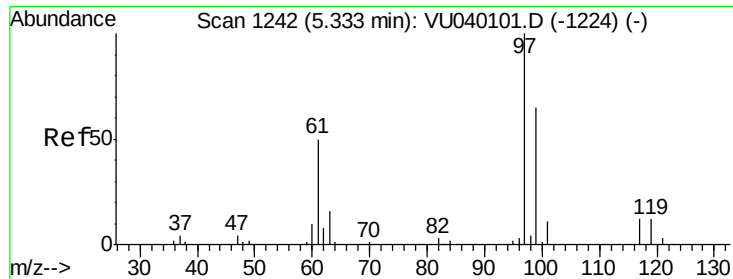
Tot Ion:128 Resp: 37423
Ion Ratio Lower Upper
128 100
49 191.2 0.0 390.6
130 128.0 104.9 157.3



#27
Chloroform
Concen: 10.784 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 83 Resp: 165187
Ion Ratio Lower Upper
83 100
85 64.6 0.0 132.4

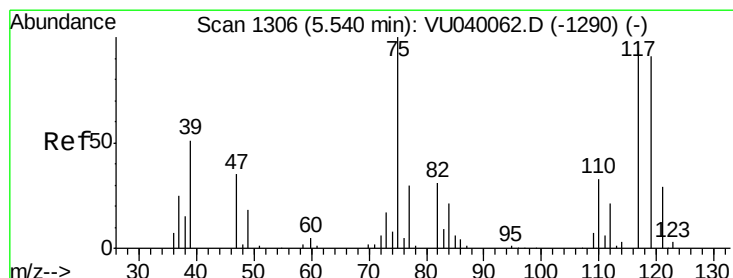
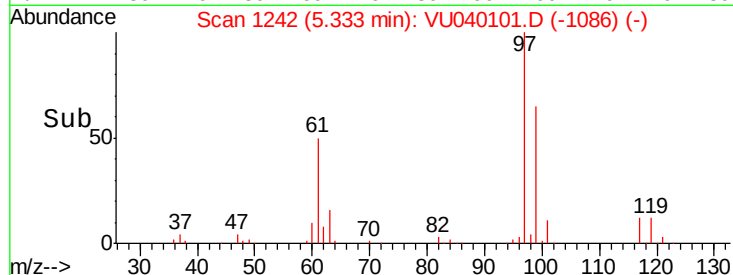
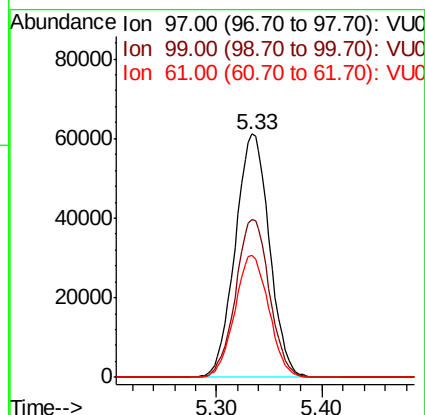
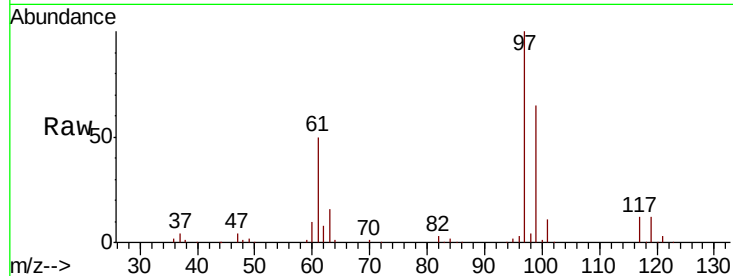




#28
 1,1,1-Trichloroethane
 Concen: 10.315 ug/l
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

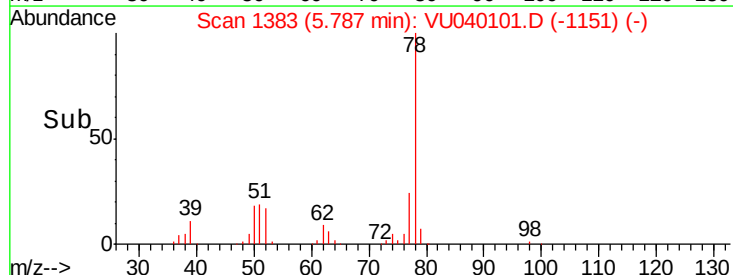
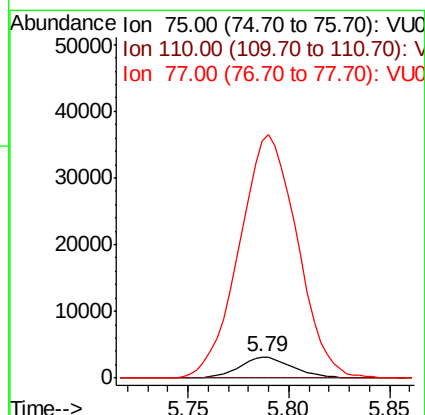
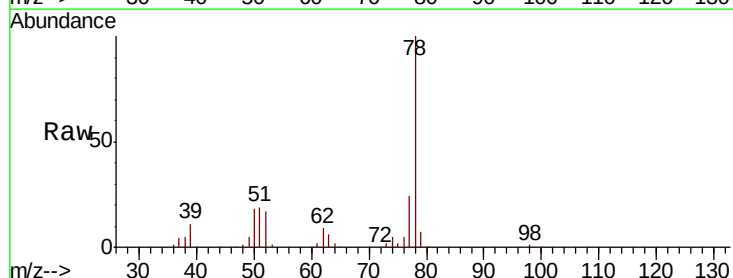
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

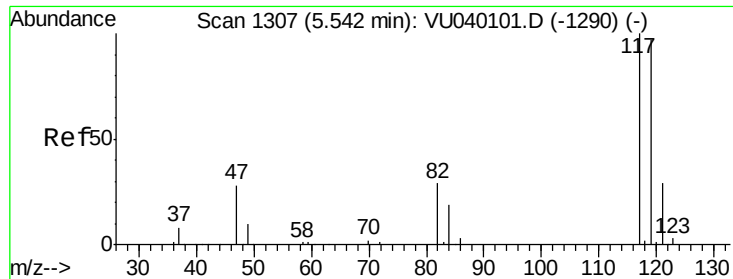
Tot Ion: 97 Resp: 137403
 Ion Ratio Lower Upper
 97 100
 99 64.1 31.8 95.4
 61 49.8 25.1 75.2



#29
 1,1-Dichloropropene
 Concen: 0.504 ug/l
 RT: 5.79 min Scan# 1383
 Delta R.T. 0.25 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion: 75 Resp: 5716
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.2 48.6#
 77 1285.4 25.3 37.9#

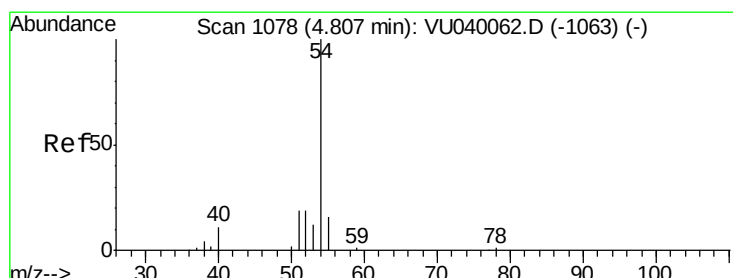
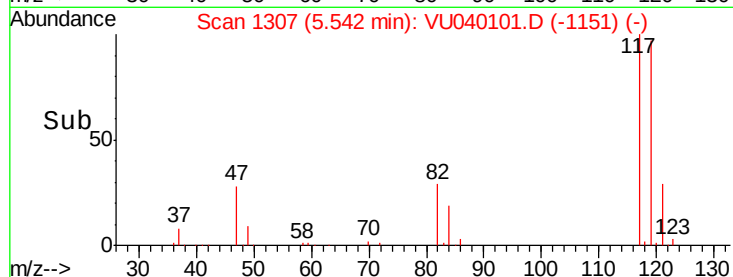
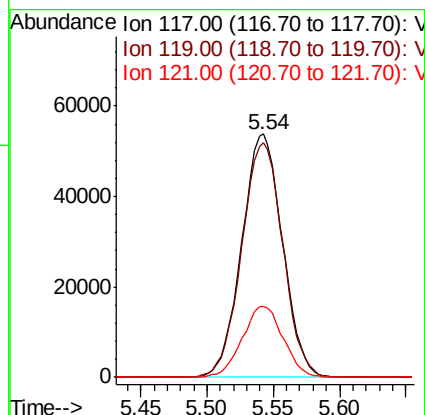
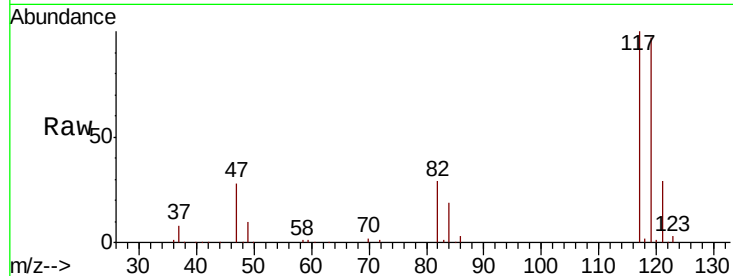




#30
Carbon Tetrachloride
Concen: 9.538 ug/l
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

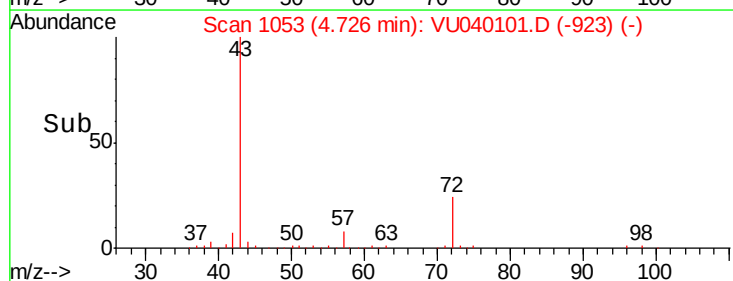
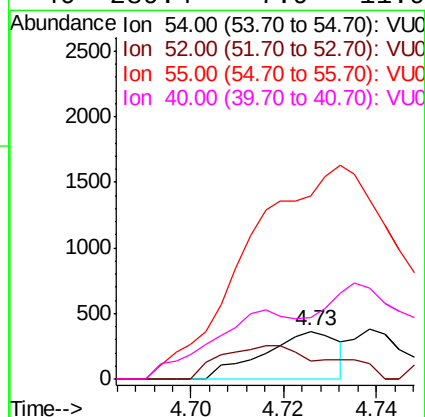
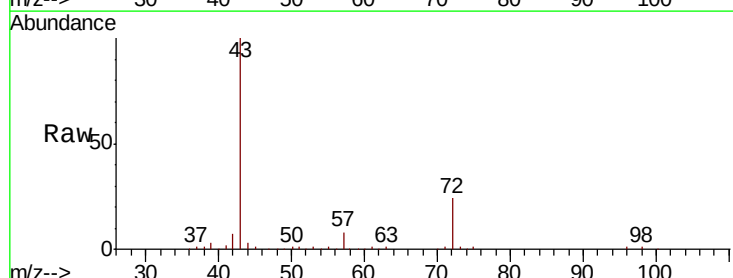
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

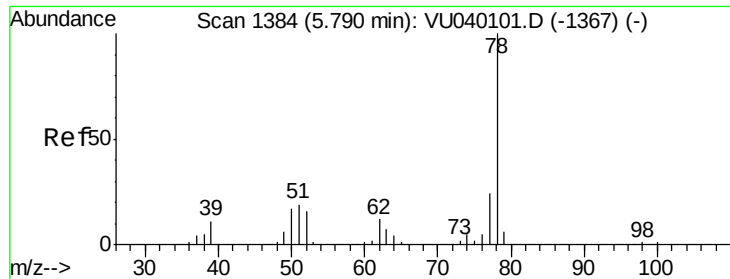
Tot Ion:117 Resp: 115255
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4
121 29.3 24.2 36.4



#34
Propionitrile
Concen: 0.519 ug/l
RT: 4.73 min Scan# 1053
Delta R.T. -0.08 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 54 Resp: 407
Ion Ratio Lower Upper
54 100
52 5.2 16.2 24.4#
55 1012.0 12.6 18.8#
40 289.4 7.9 11.9#





#35

Benzene

Concen: 9.775 ug/l

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

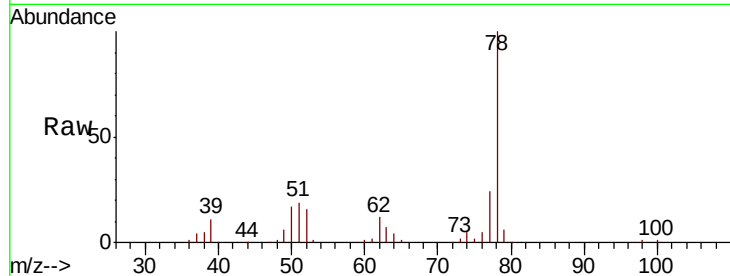
VSTDICCC010

Tot Ion: 78 Resp: 306811

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU040101.D (-1367) (-)

Ion 77.00 (76.70 to 77.70): VU040101.D (-1367) (-)

5.79

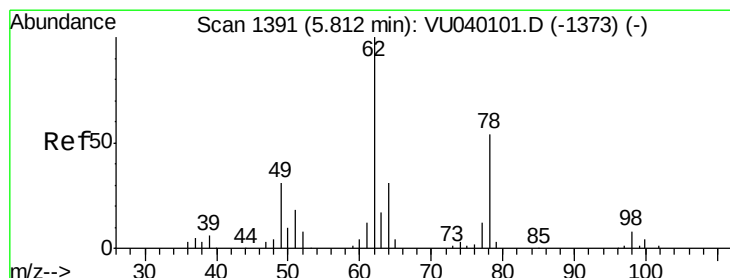
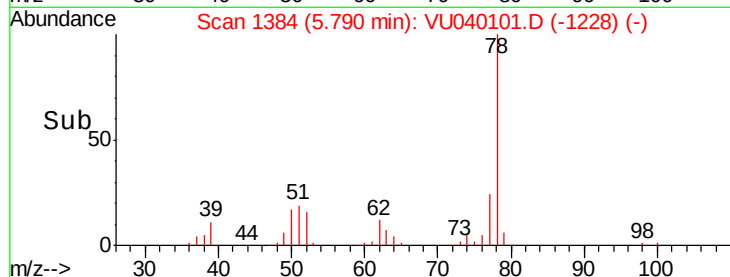
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.731 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040101.D

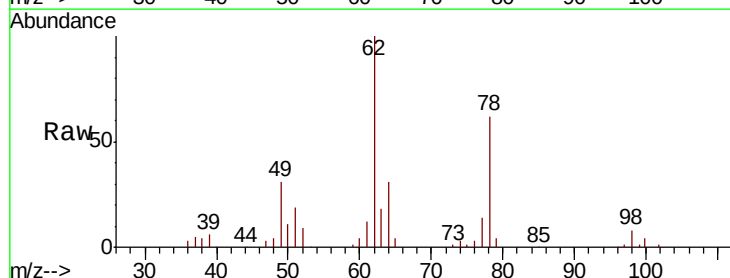
Acq: 11 Sep 2020 12:32

Tgt Ion: 62 Resp: 118821

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU040101.D (-1373) (-)

Ion 98.00 (97.70 to 98.70): VU040101.D (-1373) (-)

5.81

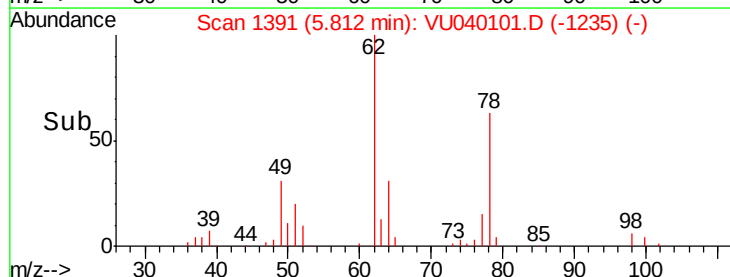
60000

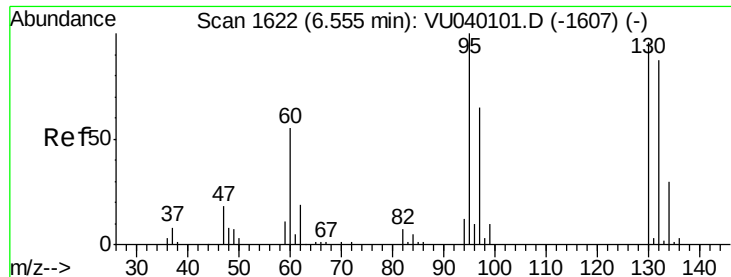
40000

20000

0

Time-->

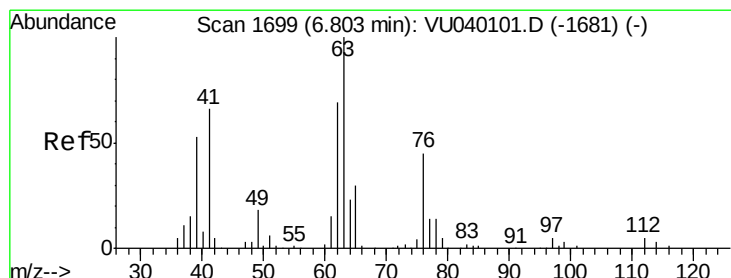
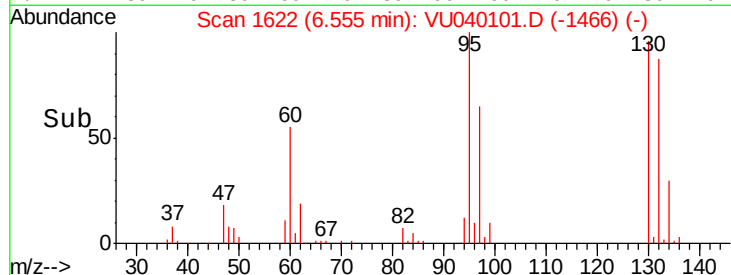
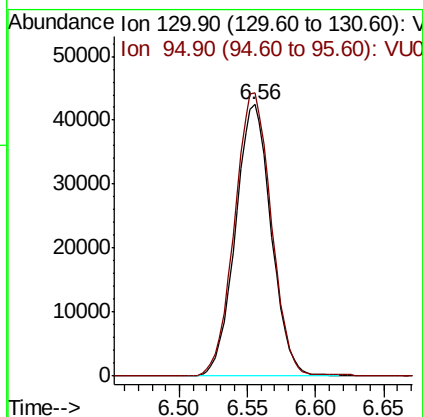
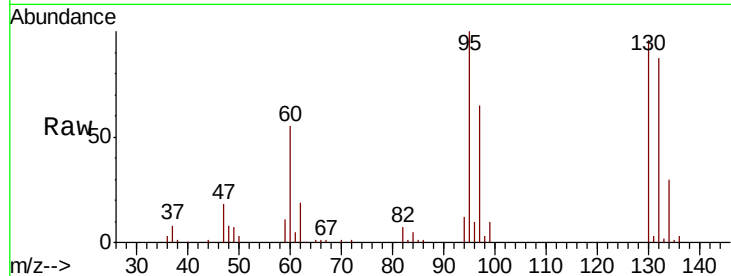




#37
 Trichloroethene
 Concen: 9.694 ug/l
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

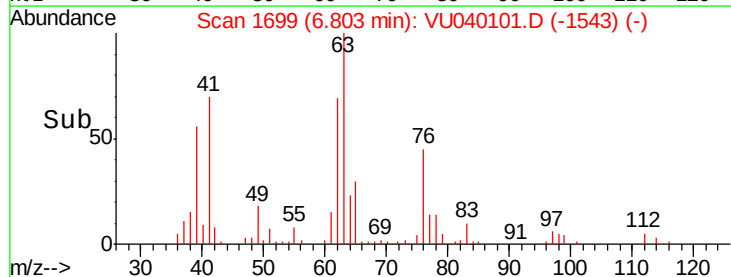
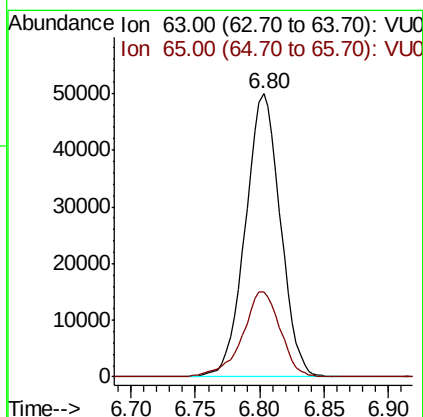
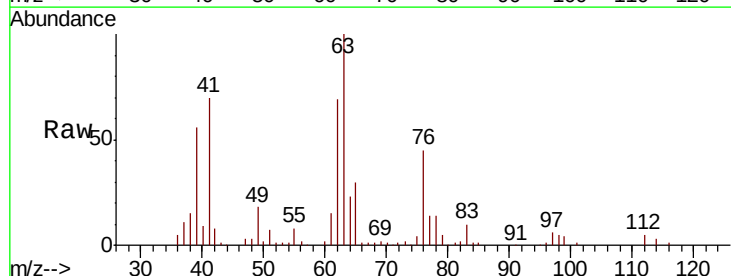
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

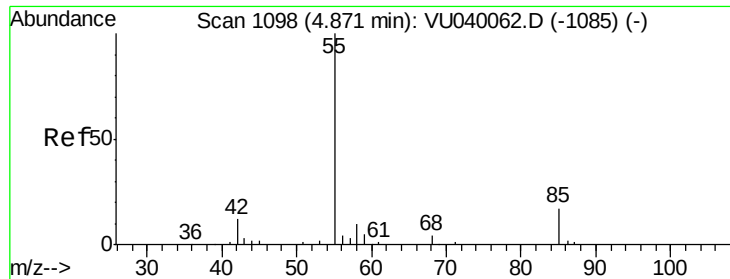
Tot Ion:130 Resp: 77357
 Ion Ratio Lower Upper
 130 100
 95 104.3 84.2 126.2



#38
 1,2-Dichloropropane
 Concen: 10.402 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion: 63 Resp: 94531
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.0 34.6

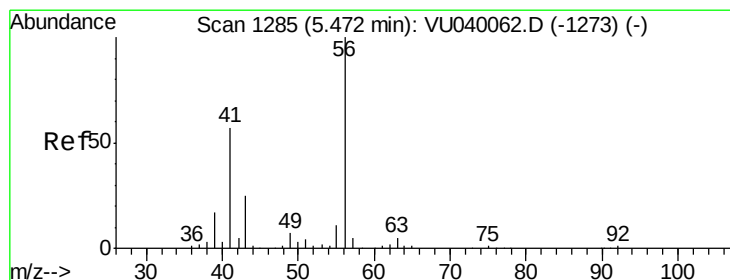
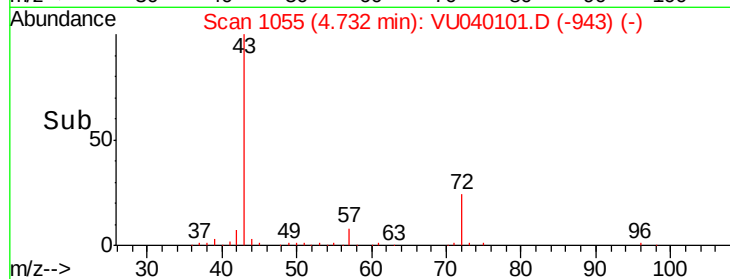
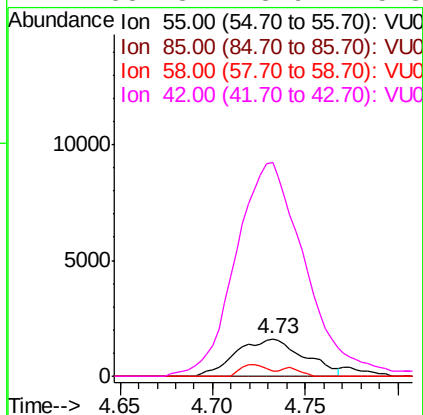
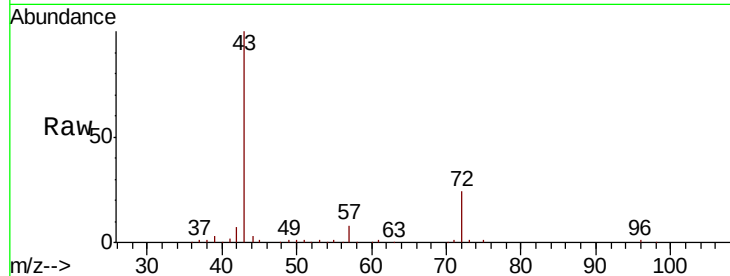




#40
Methvl acrylate
Concen: 0.766 ug/l
RT: 4.73 min Scan# 1055
Delta R.T. -0.14 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

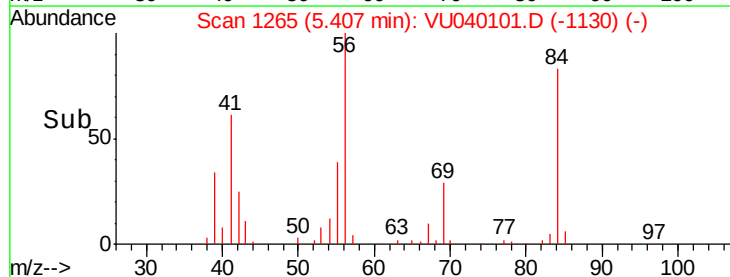
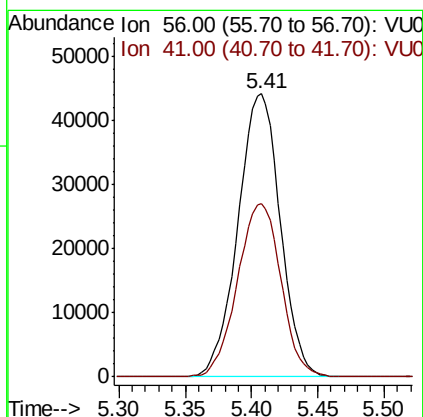
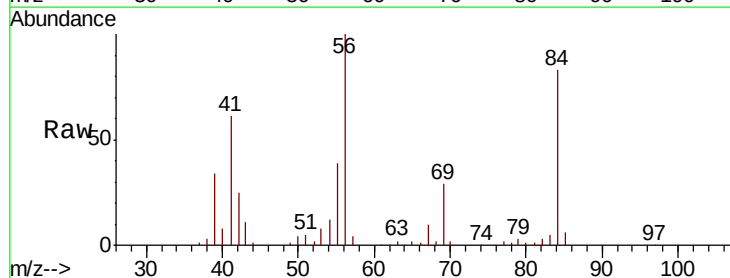
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

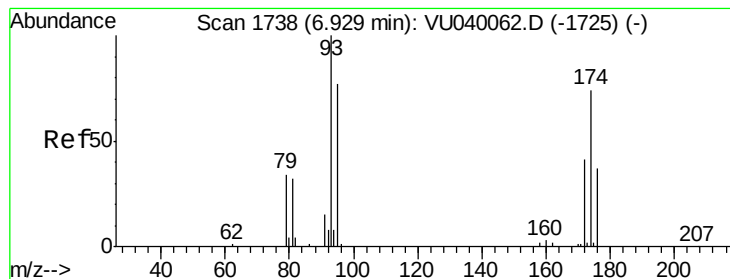
Tot Ion:	55	Resp:	4119
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	12.3	7.5	11.3#
42	582.3	8.9	13.3#



#42
1-Chlorobutane
Concen: 5.846 ug/l
RT: 5.41 min Scan# 1265
Delta R.T. -0.06 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion:	56	Resp:	97911
Ion	Ratio	Lower	Upper
56	100		
41	63.0	29.2	87.6





#43

Dibromomethane

Concen: 0.755 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.19 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

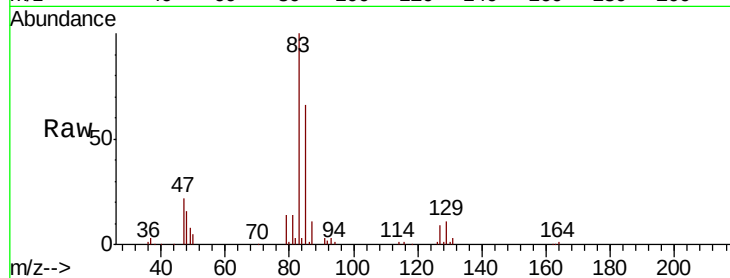
Tot Ion: 93 Resp: 3965

Ion Ratio Lower Upper

93 100

95 0.0 63.3 94.9#

174 0.0 63.5 95.3#

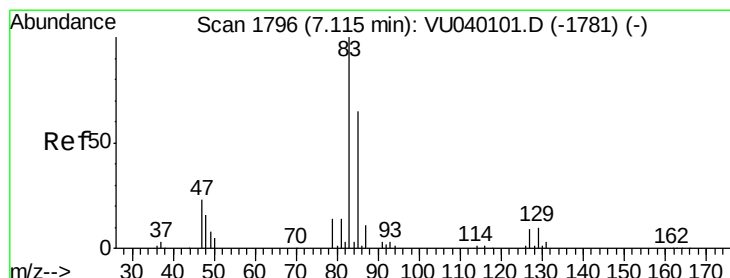
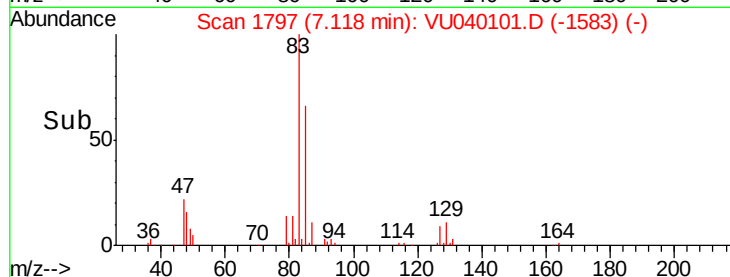
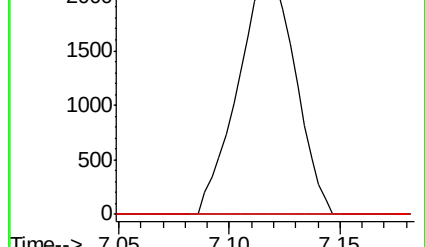


Abundance Ion 93.00 (92.70 to 93.70): VU040101.D (-1725) (-)

Ion 95.00 (94.70 to 95.70): VU040101.D (-1725) (-)

Ion 174.00 (173.70 to 174.70): VU040101.D (-1725) (-)

Time-->



#44

Bromodichloromethane

Concen: 10.053 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

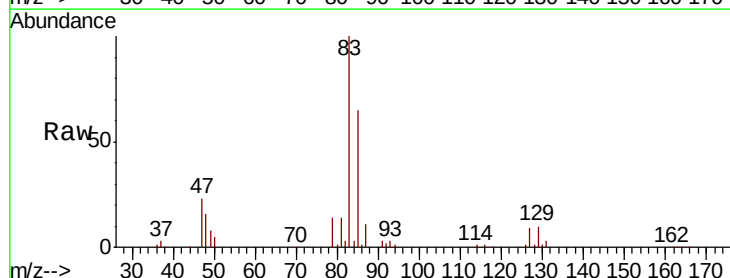
Tgt Ion: 83 Resp: 126736

Ion Ratio Lower Upper

83 100

85 64.7 52.1 78.1

127 8.6 6.6 9.8

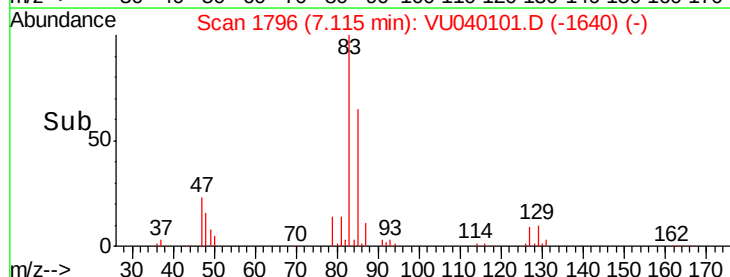
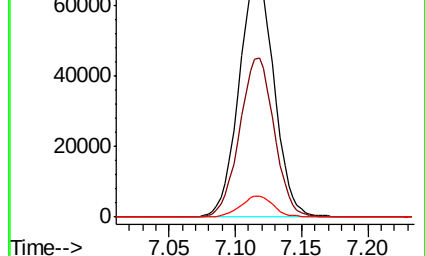


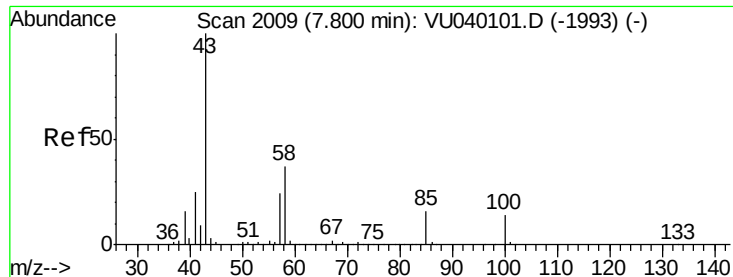
Abundance Ion 83.00 (82.70 to 83.70): VU040101.D (-1781) (-)

Ion 85.00 (84.70 to 85.70): VU040101.D (-1781) (-)

Ion 127.00 (126.70 to 127.70): VU040101.D (-1781) (-)

Time-->





#45

4-Methyl-2-Pentanone

Concen: 114.398 ug/l

RT: 7.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

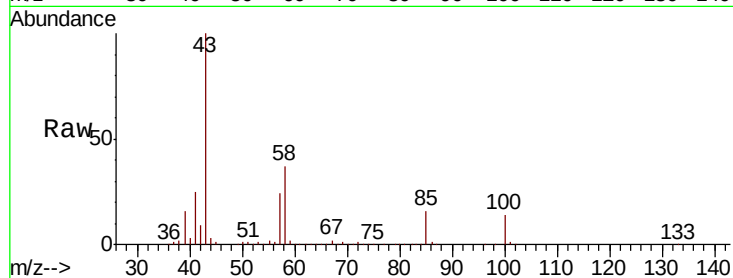
Tot Ion: 43 Resp: 818447

Ion Ratio Lower Upper

43 100

58 36.4 18.1 54.3

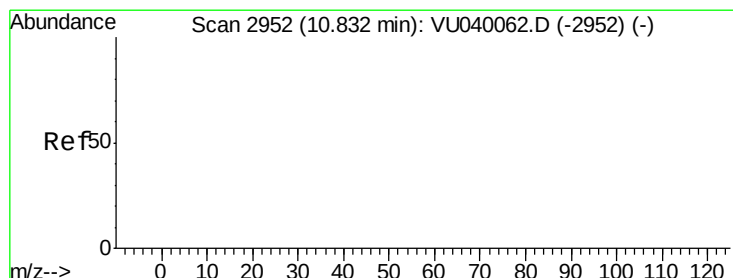
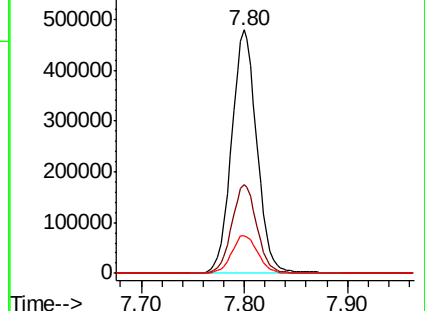
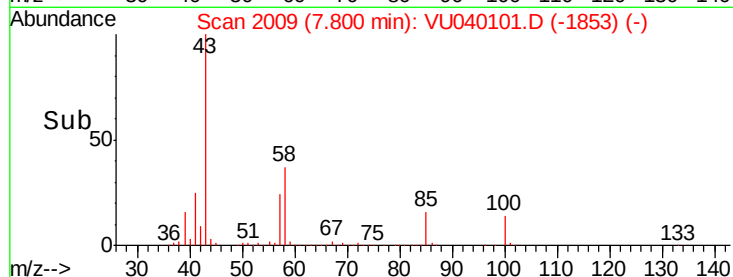
85 15.9 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VU040101.D (-1993) (-)

Ion 58.00 (57.70 to 58.70): VU040101.D (-1993) (-)

Ion 85.00 (84.70 to 85.70): VU040101.D (-1993) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 26.870 ug/l

RT: 10.82 min Scan# 2949

Delta R.T. -0.01 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Tgt Ion: 75 Resp: 73551

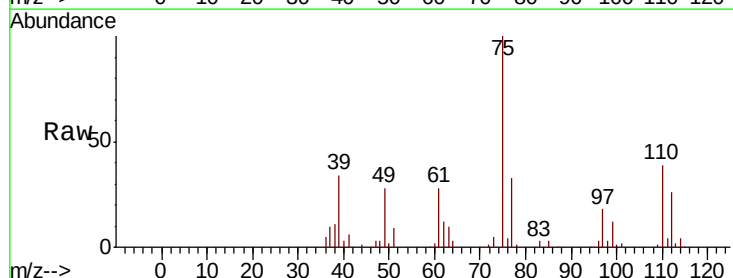
Ion Ratio Lower Upper

75 100

53 0.0 75.0 112.6#

89 0.0 41.6 62.4#

88 0.0 36.6 54.8#

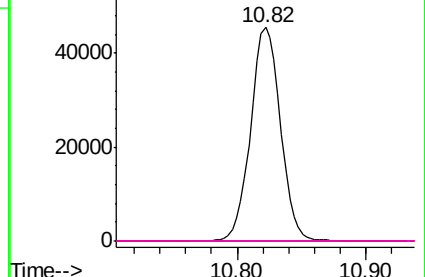
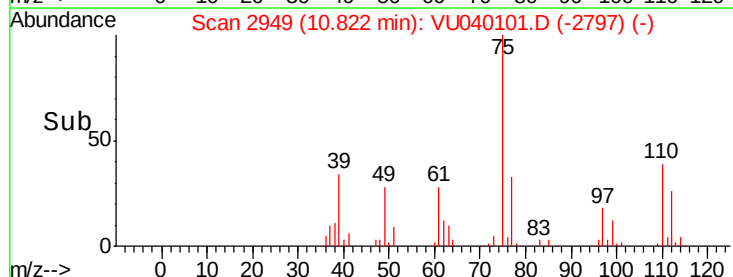


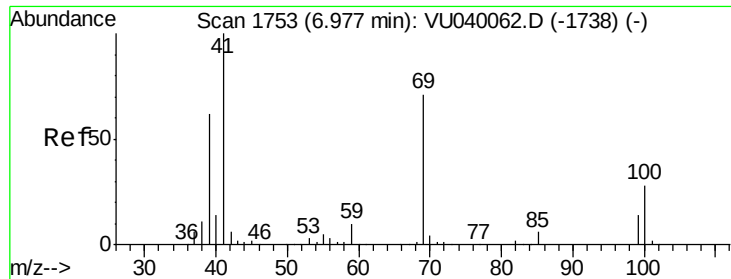
Abundance Ion 74.90 (74.60 to 75.60): VU040101.D (-2797) (-)

Ion 53.00 (52.70 to 53.70): VU040101.D (-2797) (-)

Ion 88.80 (88.50 to 89.50): VU040101.D (-2797) (-)

Ion 87.80 (87.50 to 88.50): VU040101.D (-2797) (-)

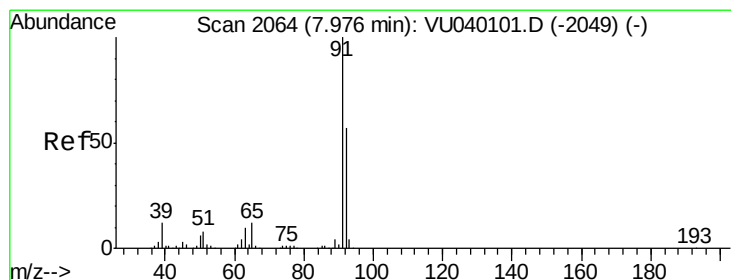
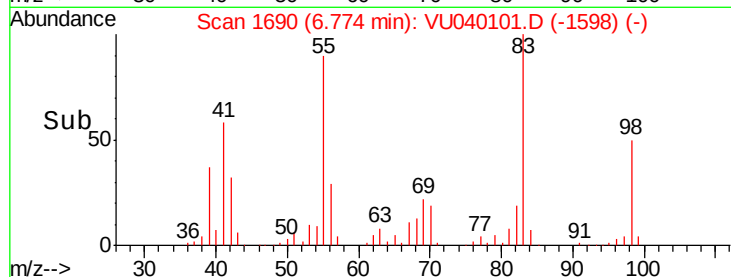
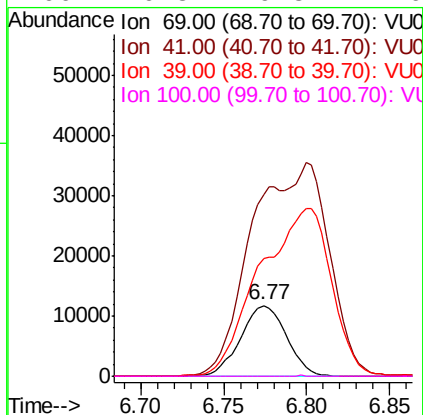
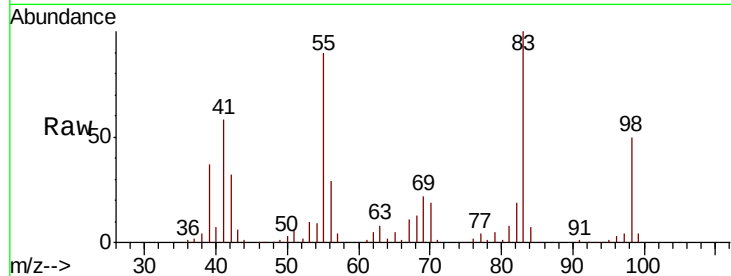




#47
Methvl methacrylate
Concen: 5.020 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. -0.20 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

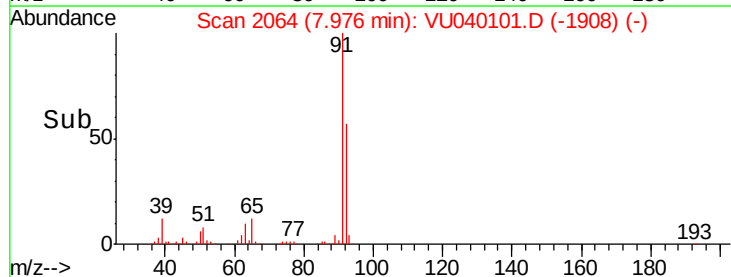
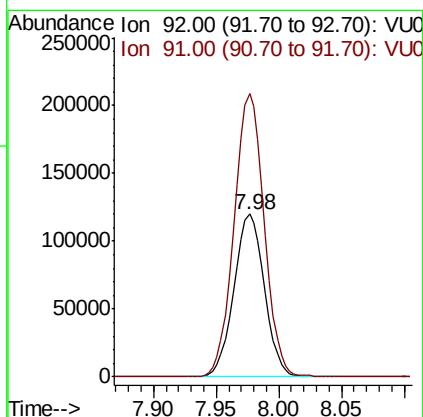
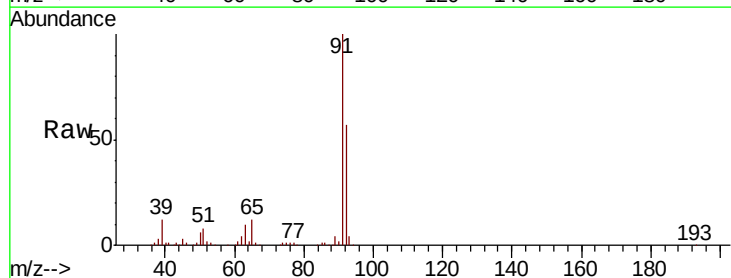
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

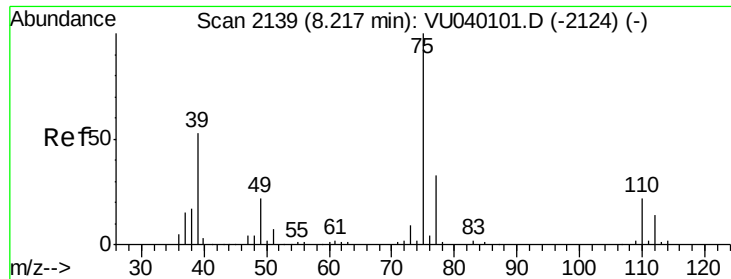
Tot Ion: 69 Resp: 22598
Ion Ratio Lower Upper
69 100
41 218.9 0.0 273.0
39 371.7 67.8 101.6#
100 0.3 29.8 44.6#



#49
Toluene
Concen: 10.666 ug/l
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 92 Resp: 202347
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8

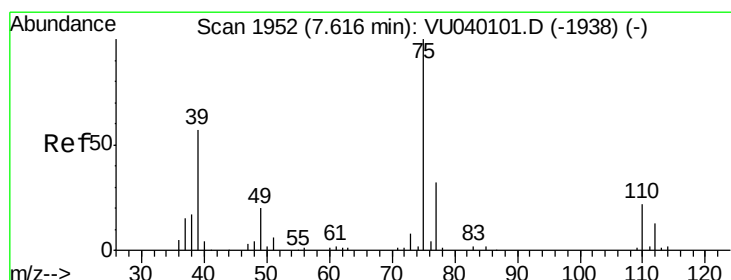
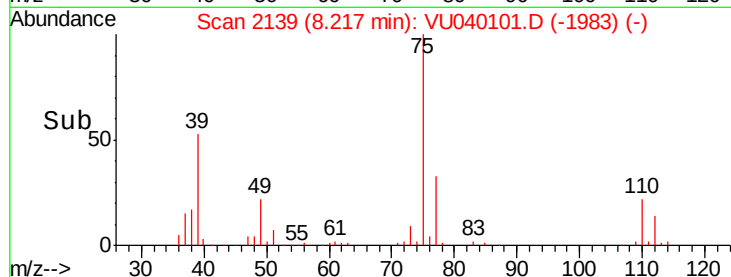
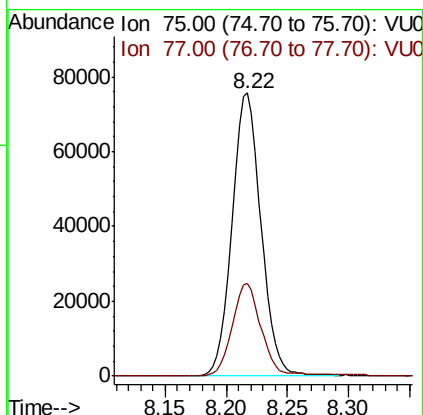
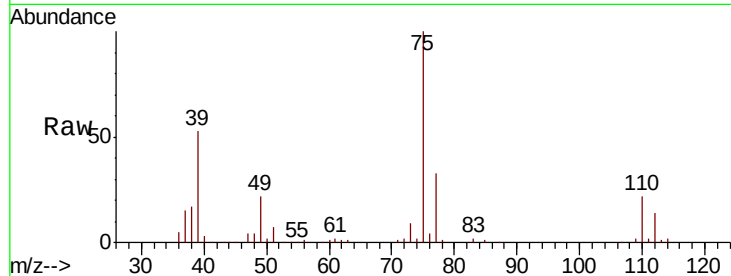




#50
t-1,3-Dichloropropene
Concen: 10.991 ug/l
RT: 8.22 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

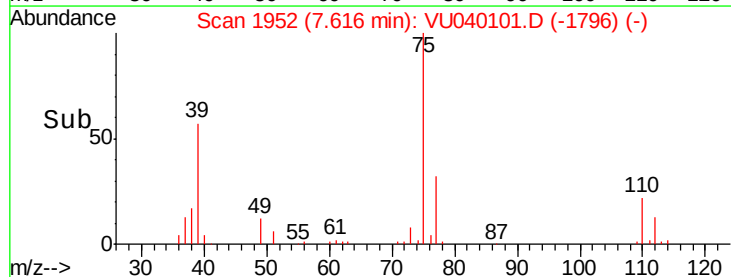
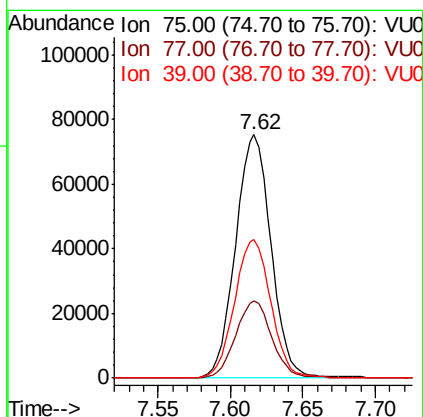
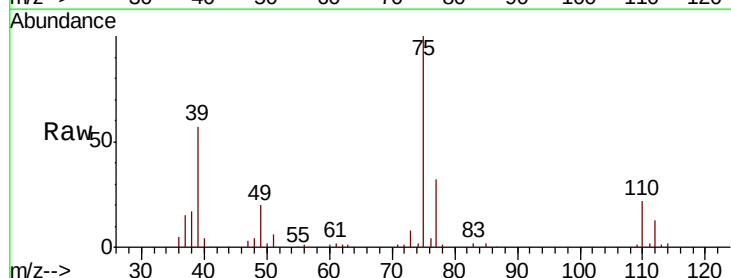
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

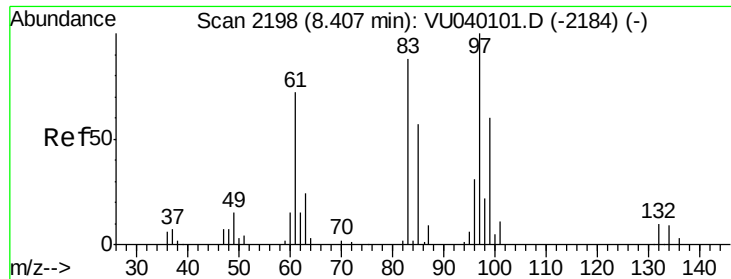
Tot Ion: 75 Resp: 124982
Ion Ratio Lower Upper
75 100
77 32.9 24.4 36.6



#51
cis-1,3-Dichloropropene
Concen: 10.123 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 75 Resp: 128158
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 57.0 46.2 69.4

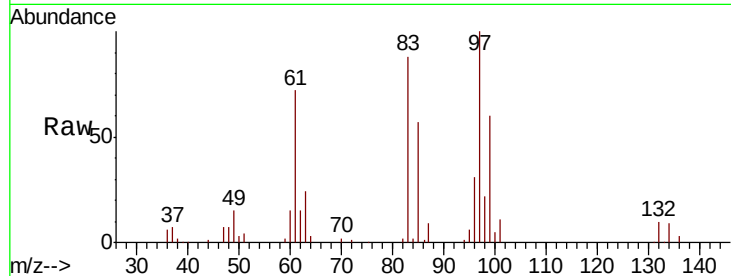




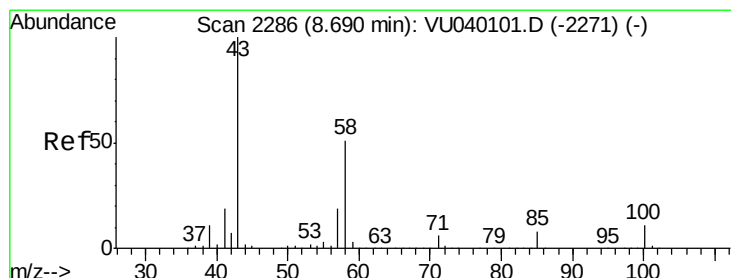
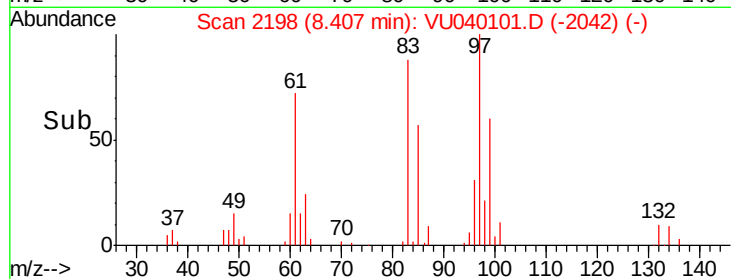
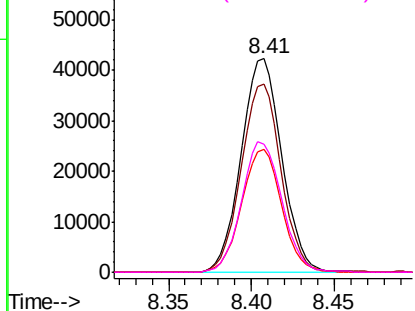
#52
 1,1,2-Trichloroethane
 Concen: 10.713 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	97	Resp:	72075
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.7	103.1
85	57.4	46.7	70.1
99	60.2	48.6	72.8

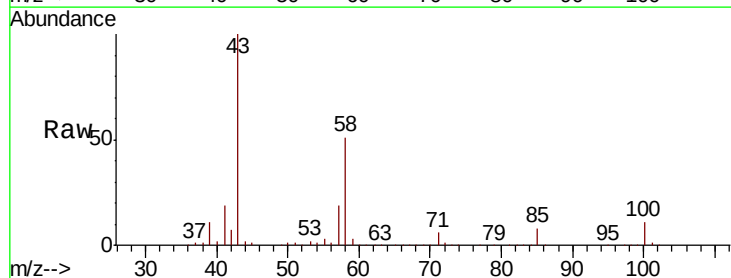


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

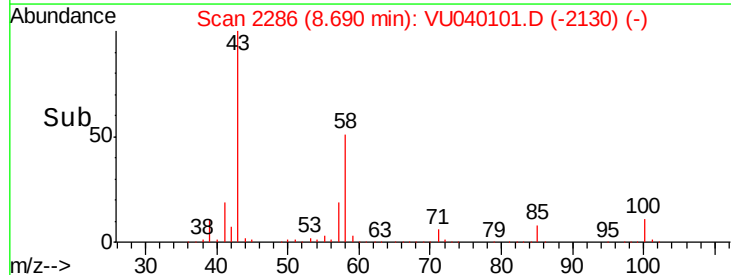
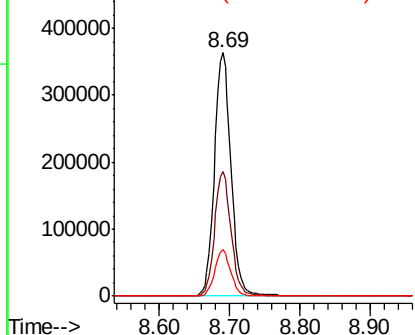


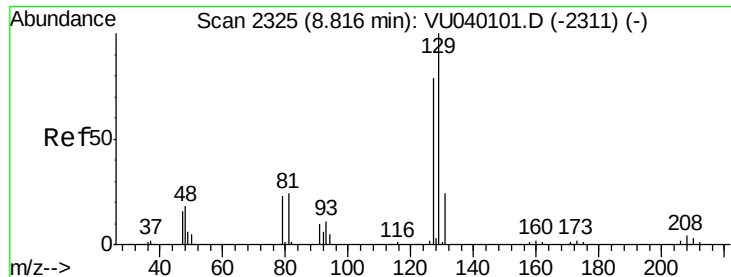
#54
 2-Hexanone
 Concen: 113.584 ug/l
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion:	43	Resp:	589119
Ion	Ratio	Lower	Upper
43	100		
58	50.7	29.6	69.6
57	18.5	0.0	37.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

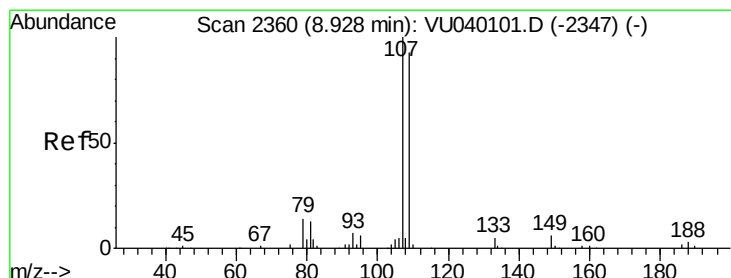
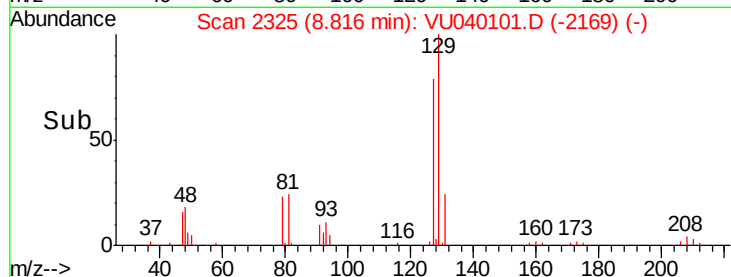
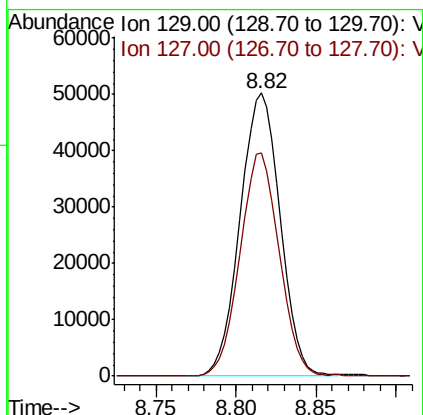
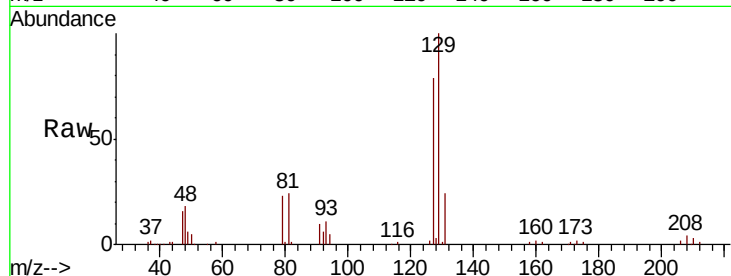




#55
 Dibromochloromethane
 Concen: 10.970 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

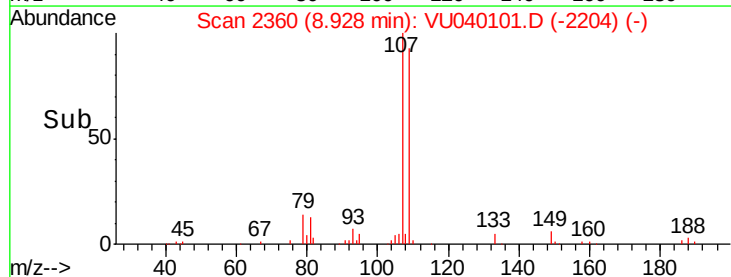
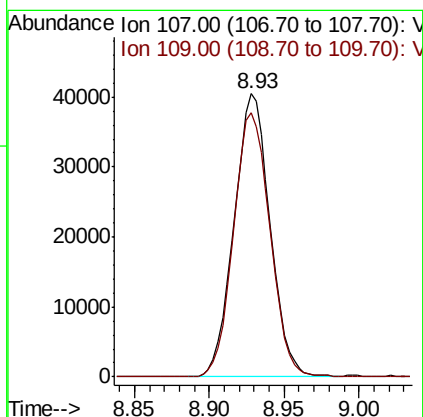
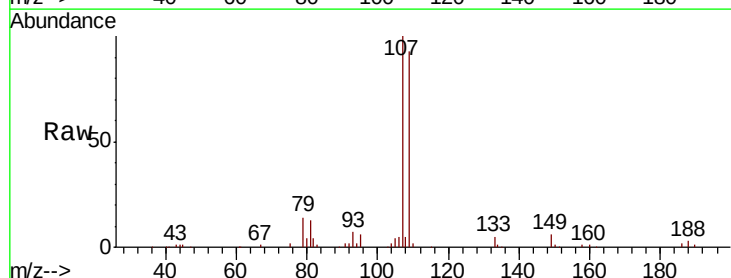
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

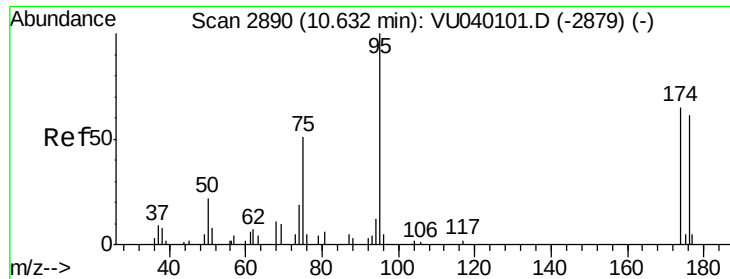
Tot Ion:129 Resp: 86122
 Ion Ratio Lower Upper
 129 100
 127 77.0 62.7 94.1



#56
 1,2-Dibromoethane
 Concen: 10.776 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion:107 Resp: 67712
 Ion Ratio Lower Upper
 107 100
 109 94.6 0.0 191.0

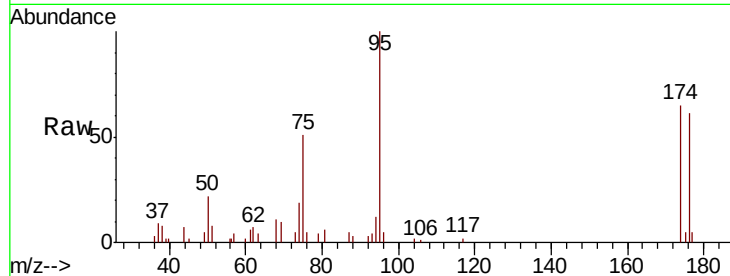




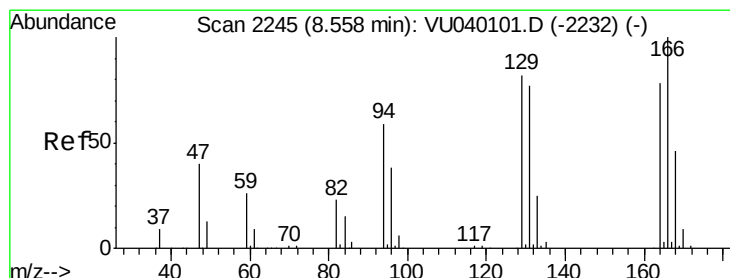
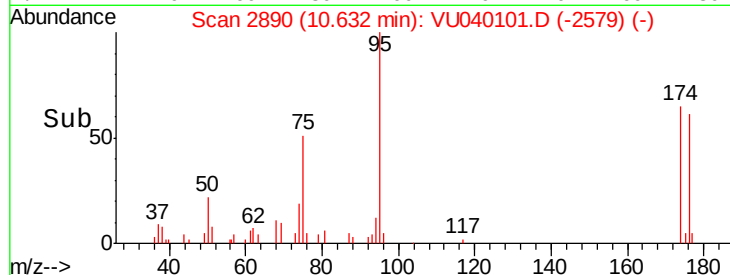
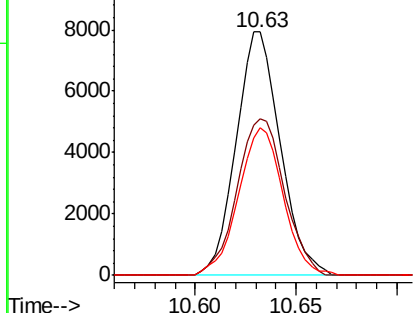
#57
4-Bromofluorobenzene
Concen: 1.013 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 95 Resp: 12183
Ion Ratio Lower Upper
95 100
174 68.9 49.4 74.0
176 61.4 50.1 75.1

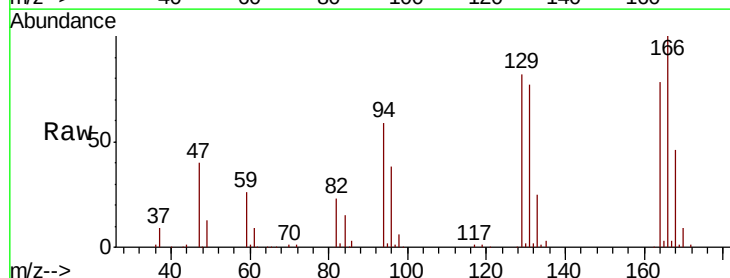


Abundance Ion 95.00 (94.70 to 95.70): VU040101.D (-2879) (-)
Ion 174.00 (173.70 to 174.70): VU040101.D (-2879) (-)
Ion 176.00 (175.70 to 176.70): VU040101.D (-2879) (-)

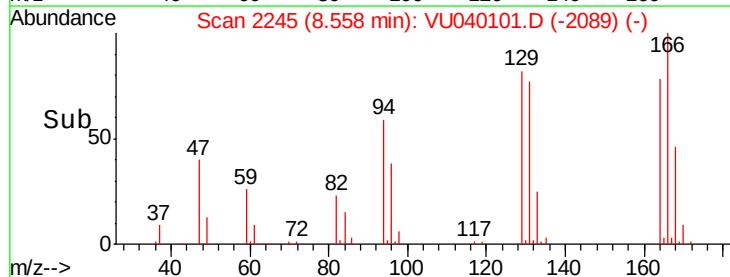
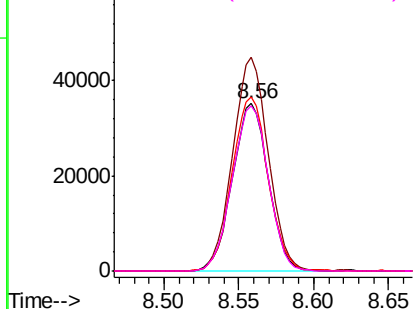


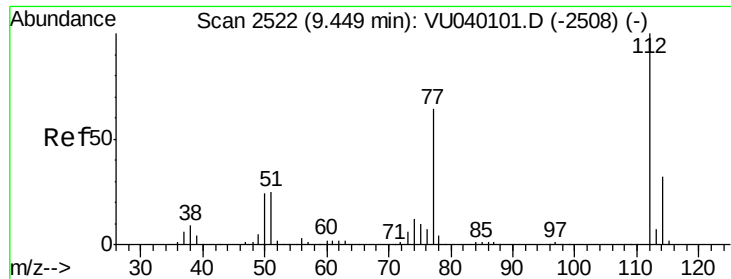
#58
Tetrachloroethene
Concen: 7.603 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion: 164 Resp: 58888
Ion Ratio Lower Upper
164 100
166 127.5 101.3 151.9
129 104.0 84.8 127.2
131 98.6 81.8 122.6



Abundance Ion 163.85 (163.55 to 164.55): VU040101.D (-2232) (-)
Ion 165.80 (165.50 to 166.50): VU040101.D (-2232) (-)
Ion 128.90 (128.60 to 129.60): VU040101.D (-2232) (-)
Ion 130.90 (130.60 to 131.60): VU040101.D (-2232) (-)





#59

Chlorobenzene

Concen: 10.945 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

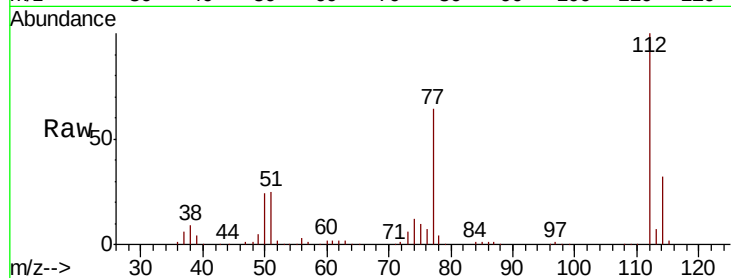
VSTDICCC010

Tot Ion:112 Resp: 230245

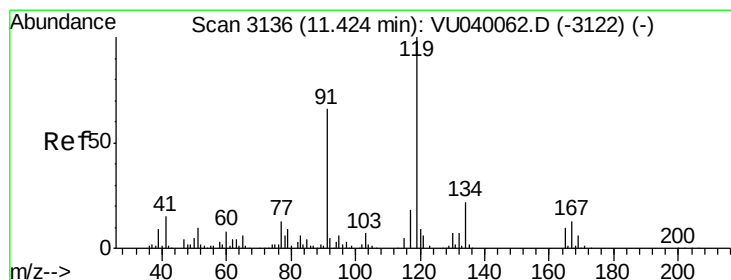
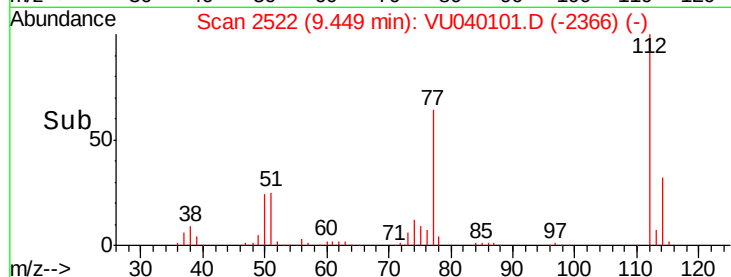
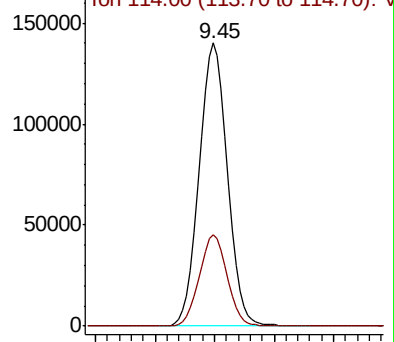
Ion Ratio Lower Upper

112 100

114 32.2 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V



#61

Pentachloroethane

Concen: 2.436 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. 0.04 min

Lab File: VU040101.D

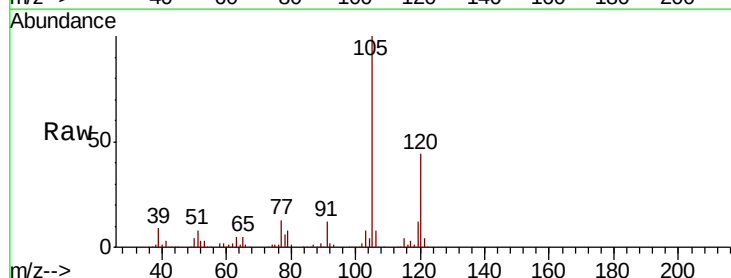
Acq: 11 Sep 2020 12:32

Tgt Ion:117 Resp: 12798

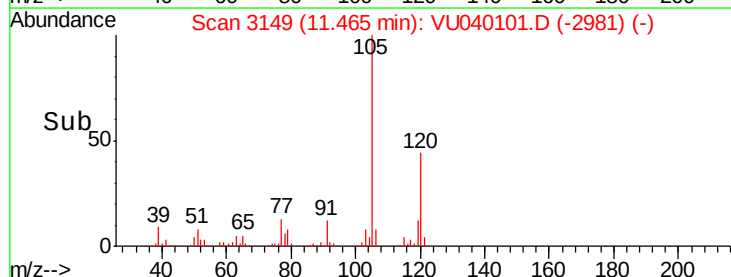
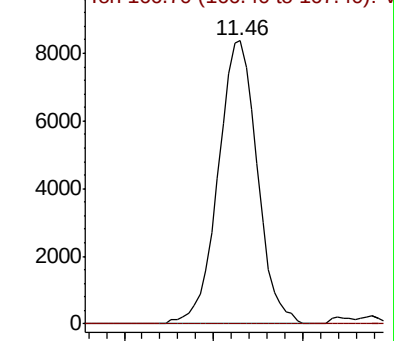
Ion Ratio Lower Upper

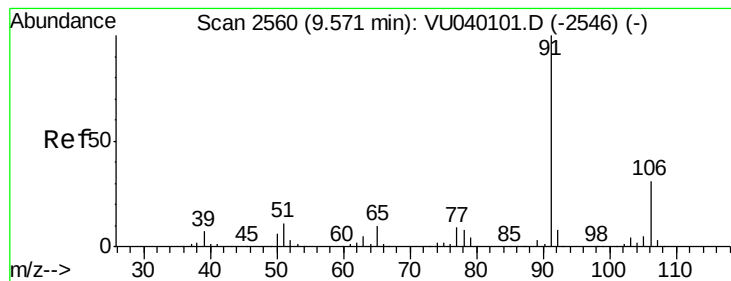
117 100

167 0.0 54.5 81.7#



Abundance Ion 116.80 (116.50 to 117.50): V





#63

Ethyl Benzene

Concen: 11.387 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

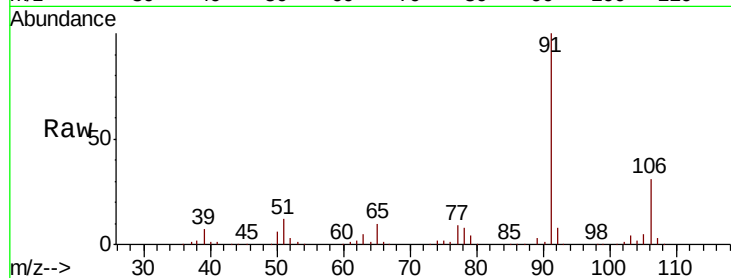
VSTDICCC010

Tot Ion: 91 Resp: 408759

Ion Ratio Lower Upper

91 100

106 30.7 23.8 35.8



Abundance Ion 91.00 (90.70 to 91.70): VU040101.D (-2546) (-)

Ion 106.00 (105.70 to 106.70): VU040101.D (-2546) (-)

9.57

250000

200000

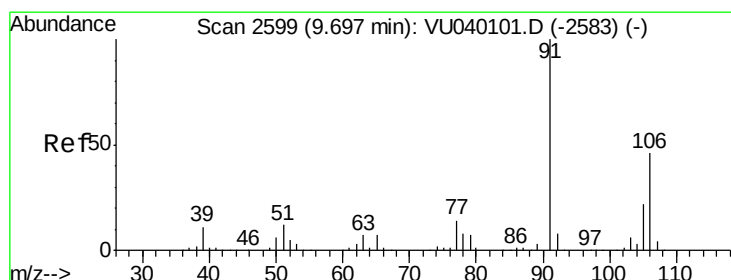
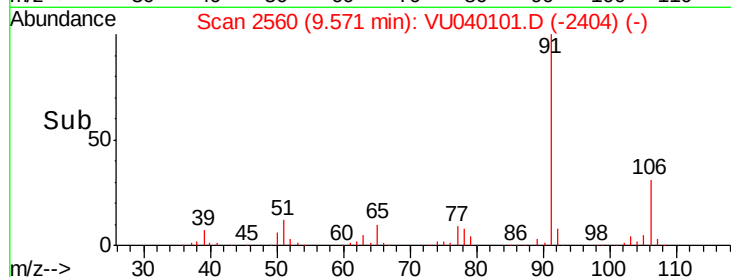
150000

100000

50000

0

Time-->



#64

m/p-Xylenes

Concen: 11.571 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040101.D

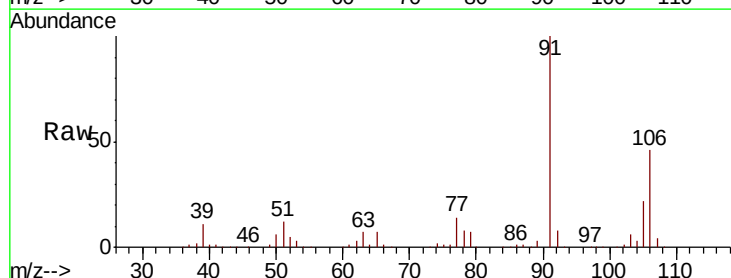
Acq: 11 Sep 2020 12:32

Tgt Ion: 106 Resp: 155186

Ion Ratio Lower Upper

106 100

91 216.7 171.4 257.2



Abundance Ion 106.00 (105.70 to 106.70): VU040101.D (-2583) (-)

Ion 91.00 (90.70 to 91.70): VU040101.D (-2583) (-)

9.70

200000

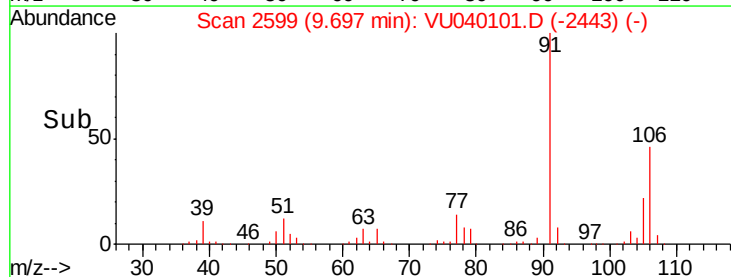
150000

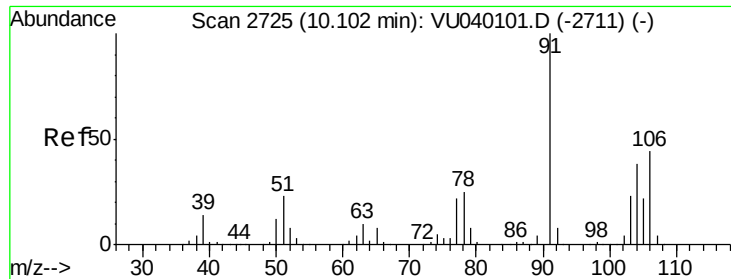
100000

50000

0

Time-->

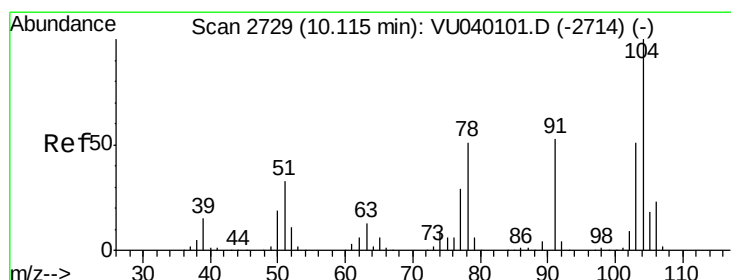
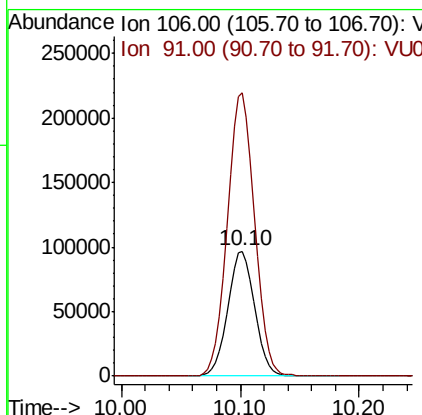
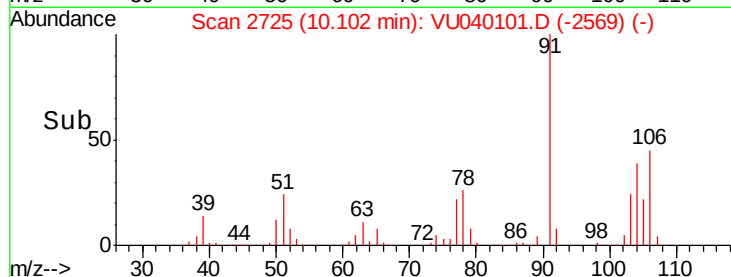
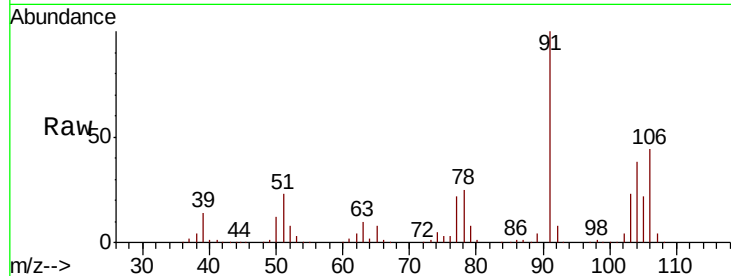




#65
o-Xylene
Concen: 11.674 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

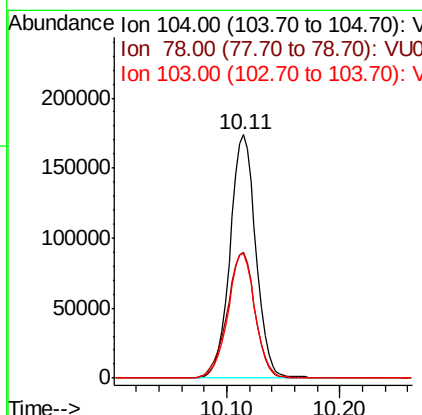
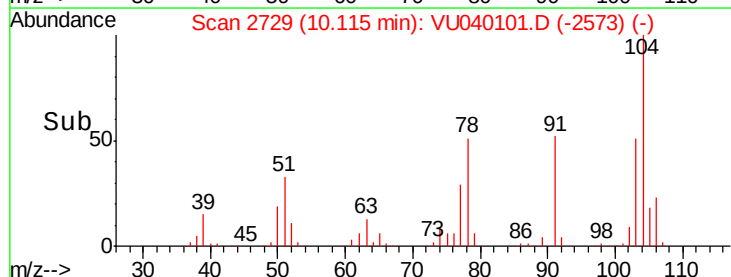
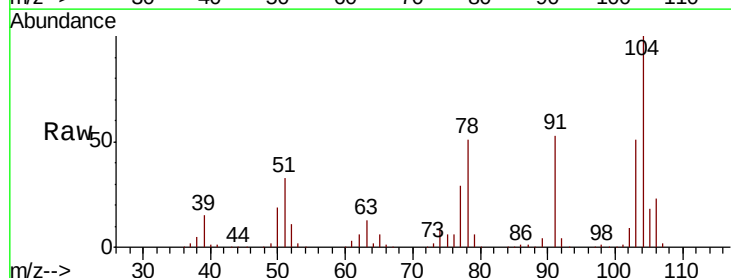
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

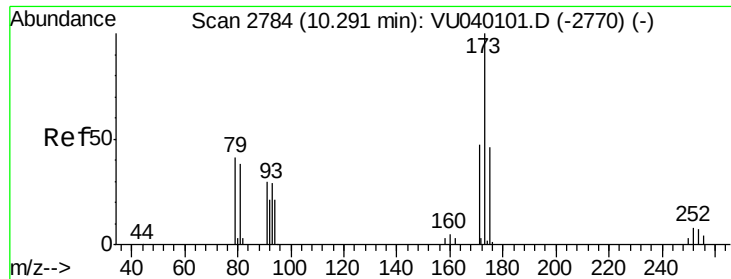
Tot Ion:106 Resp: 151149
Ion Ratio Lower Upper
106 100
91 229.9 114.2 342.6



#66
Styrene
Concen: 12.082 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion:104 Resp: 274757
Ion Ratio Lower Upper
104 100
78 56.0 43.9 65.9
103 54.4 43.7 65.5





#67

Bromoform

Concen: 11.378 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

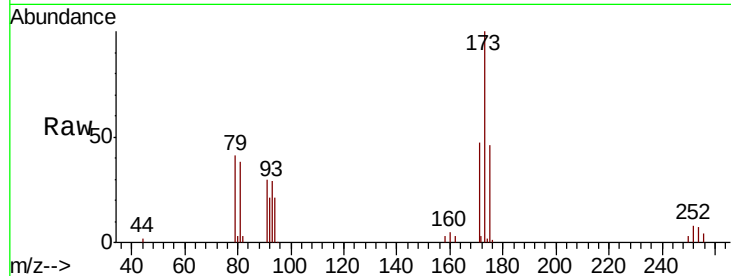
Tot Ion:173 Resp: 45997

Ion Ratio Lower Upper

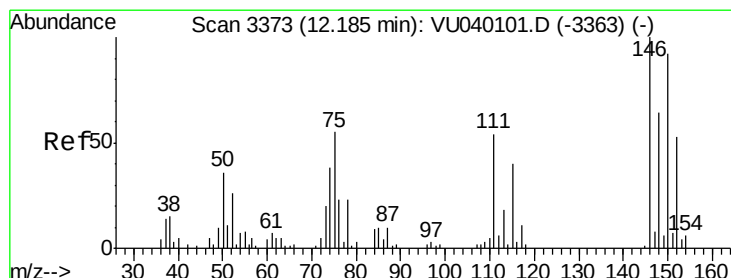
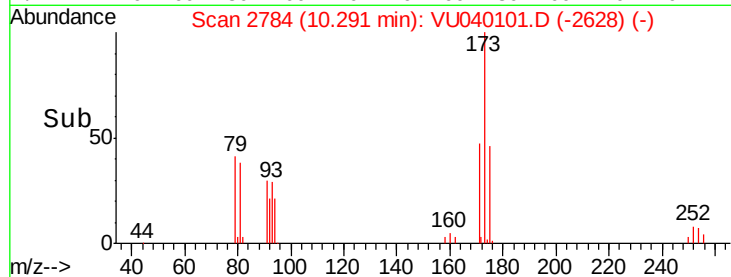
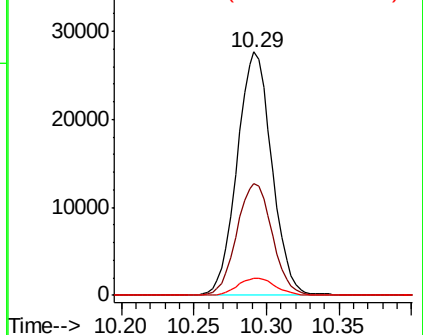
173 100

175 46.8 38.0 57.0

254 7.4 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: 1.093 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

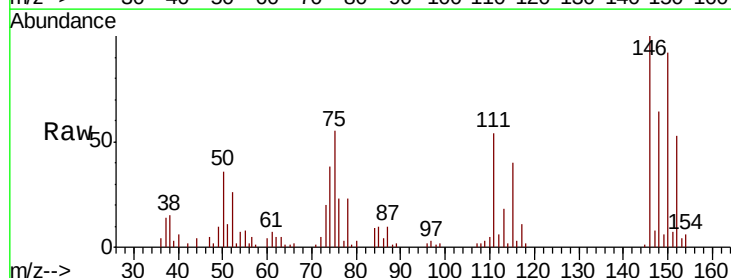
Tgt Ion:152 Resp: 12011

Ion Ratio Lower Upper

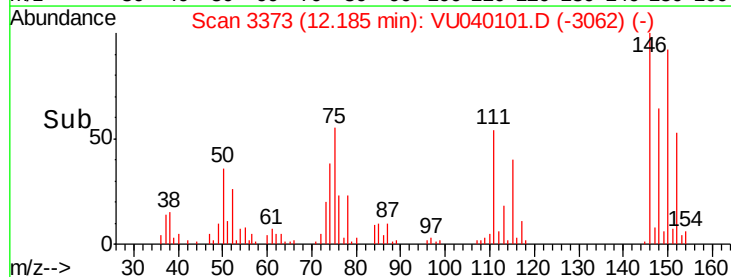
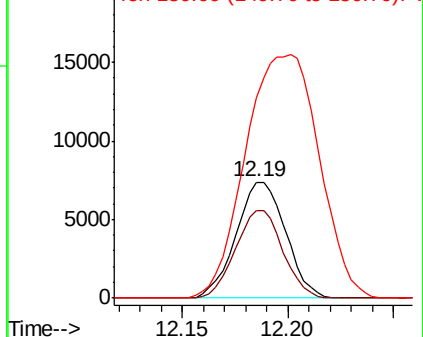
152 100

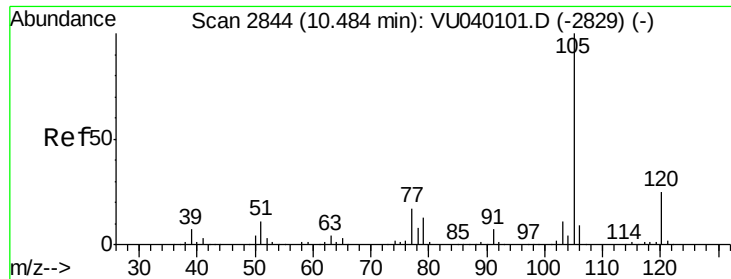
115 71.9 0.0 309.0

150 312.9 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: 11.770 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

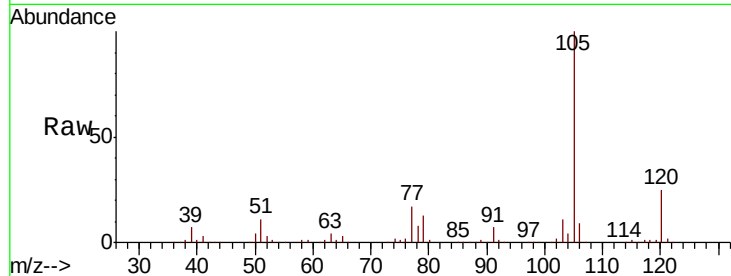
VSTDICCC010

Tot Ion:105 Resp: 419437

Ion Ratio Lower Upper

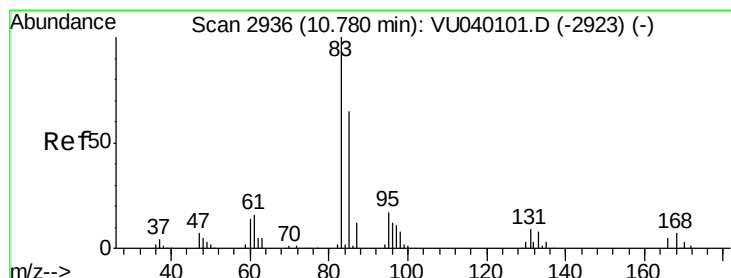
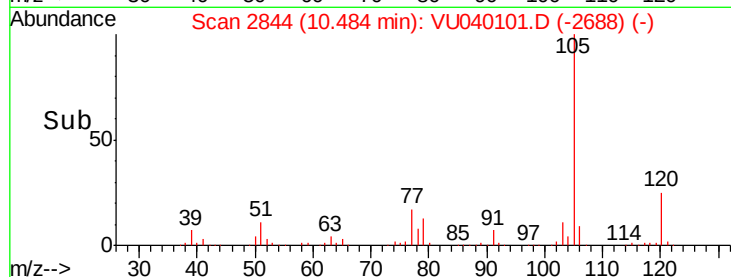
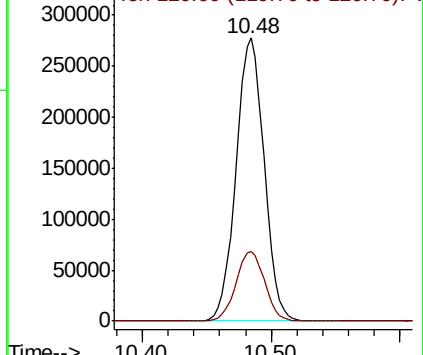
105 100

120 25.2 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: 10.821 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

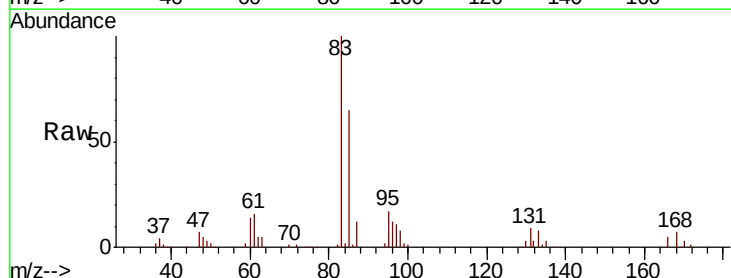
Tgt Ion: 83 Resp: 97332

Ion Ratio Lower Upper

83 100

131 8.9 7.5 11.3

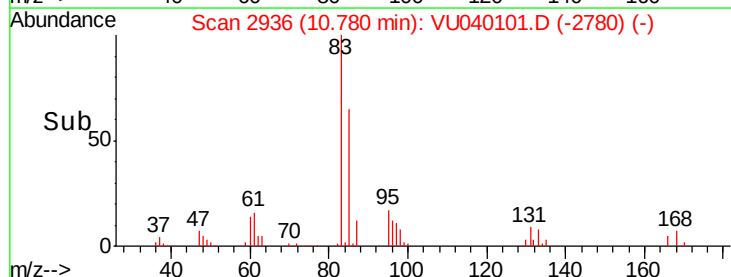
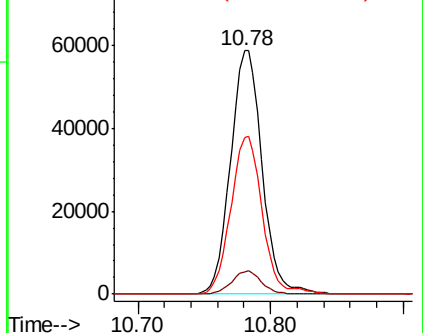
85 64.4 49.7 74.5

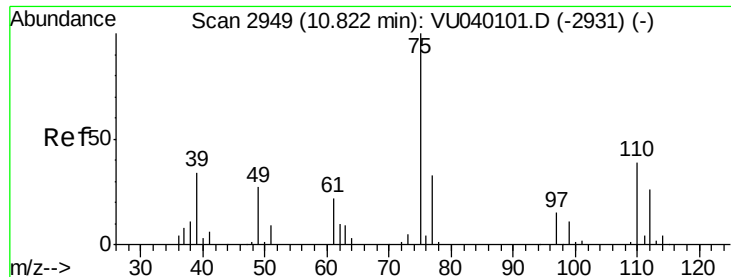


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

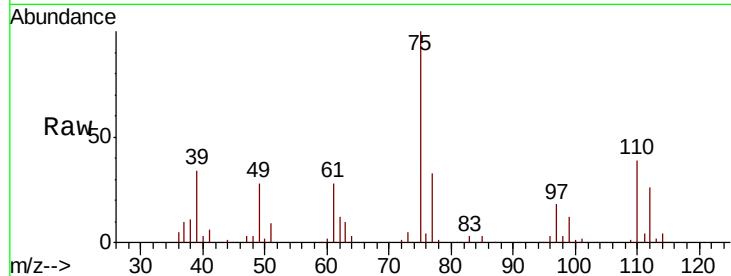




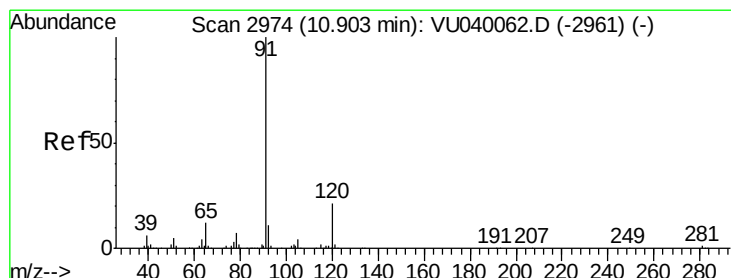
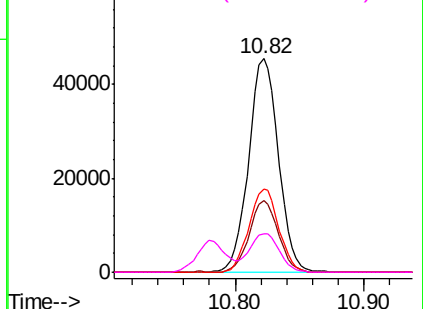
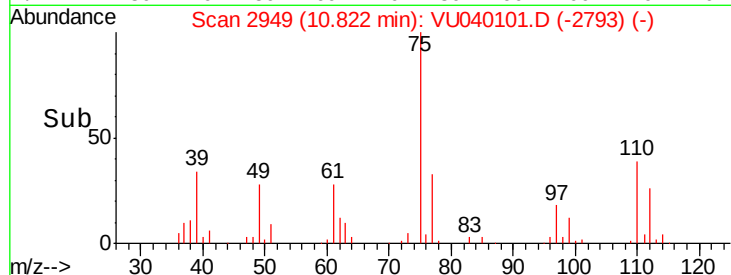
#71
 1,2,3-Trichloropropane
 Concen: 10.531 ug/l
 RT: 10.82 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	75	Resp:	73551
Ion	Ratio	Lower	Upper
75	100		
77	32.5	0.0	111.4
110	38.6	0.0	70.8
97	18.0	0.0	36.0

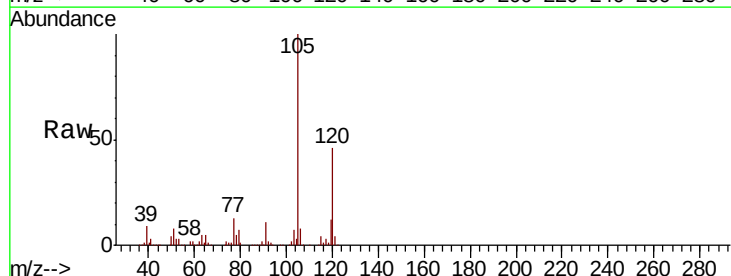


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

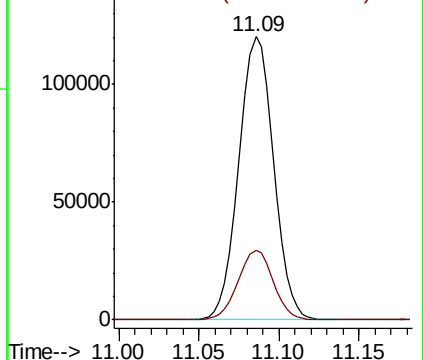
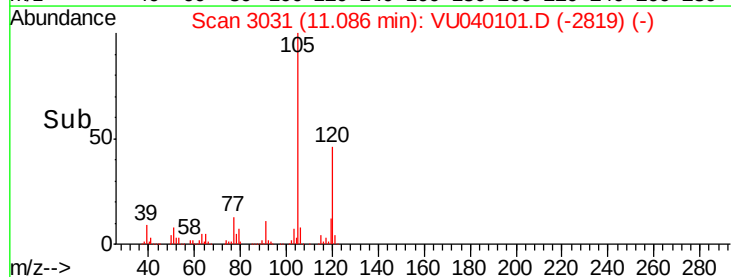


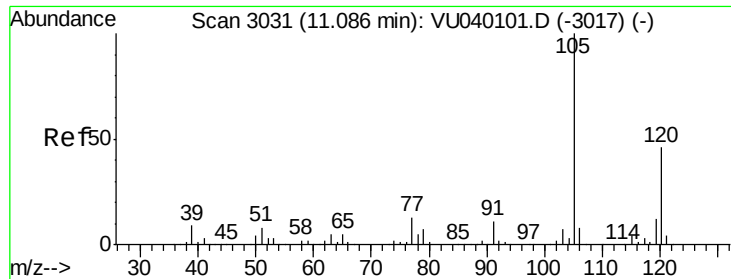
#73
 n-propylbenzene
 Concen: 18.130 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.18 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion:	120	Resp:	177626
Ion	Ratio	Lower	Upper
120	100		
91	25.0	380.4	570.6#



Abundance Ion 120.00 (119.70 to 120.70): V
 Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 12.260 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

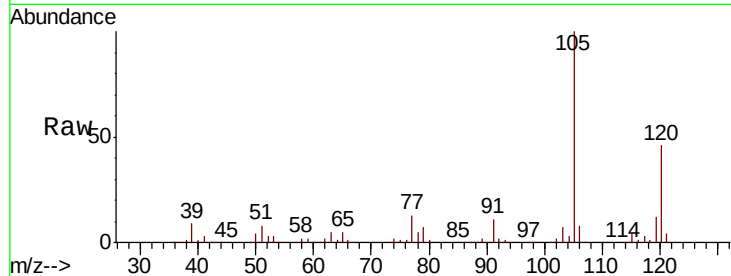
VSTDICCC010

Tot Ion:105 Resp: 382610

Ion Ratio Lower Upper

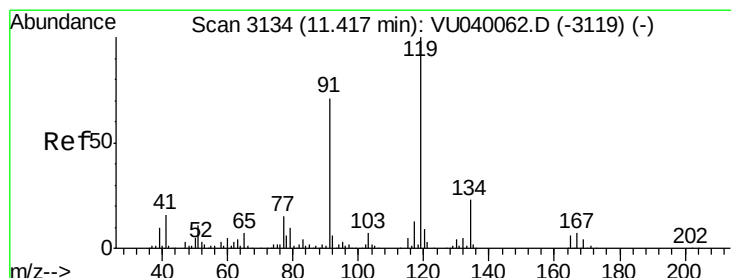
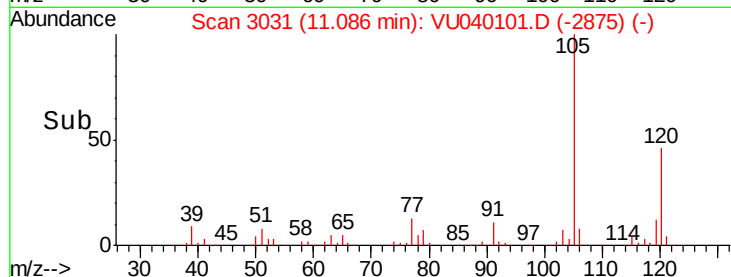
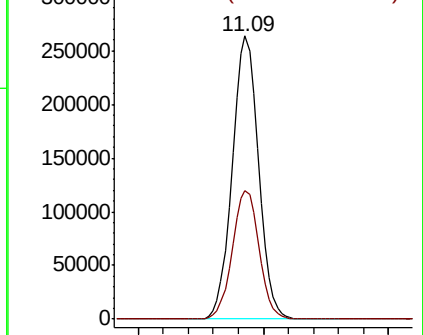
105 100

120 46.4 36.6 55.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#77

tert-Butylbenzene

Concen: 1.529 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. 0.05 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

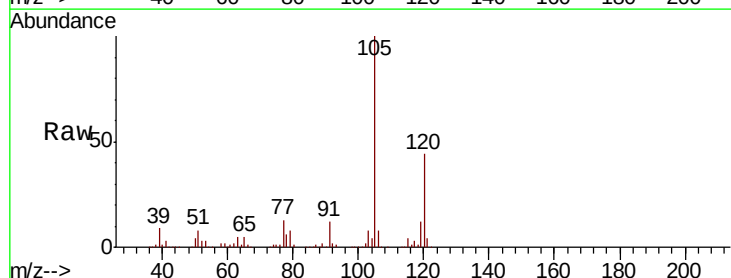
Tgt Ion:119 Resp: 44386

Ion Ratio Lower Upper

119 100

91 101.1 34.2 102.5

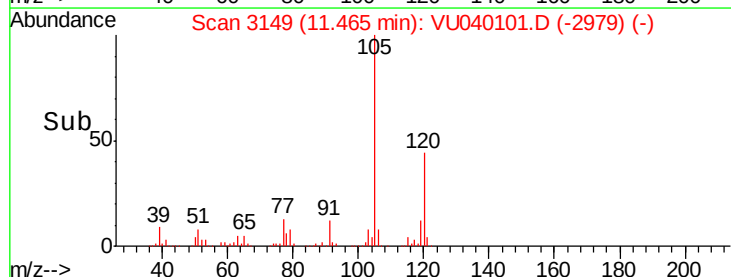
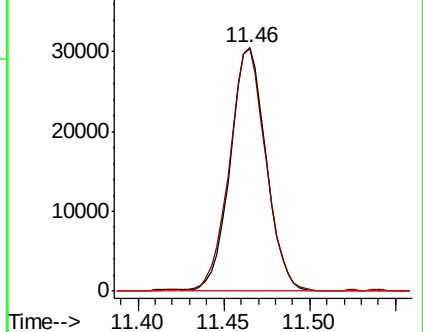
134 0.0 18.2 27.4#

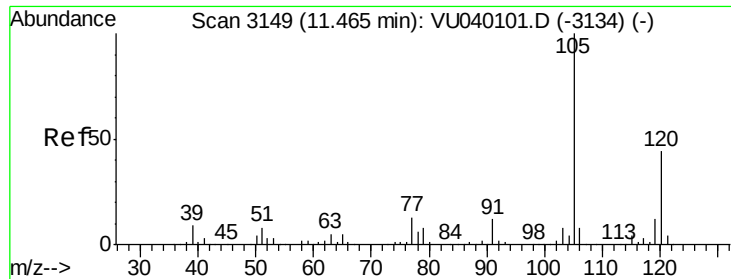


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#78

1,2,4-Trimethylbenzene

Concen: 11.639 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU040101.D

Acq: 11 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

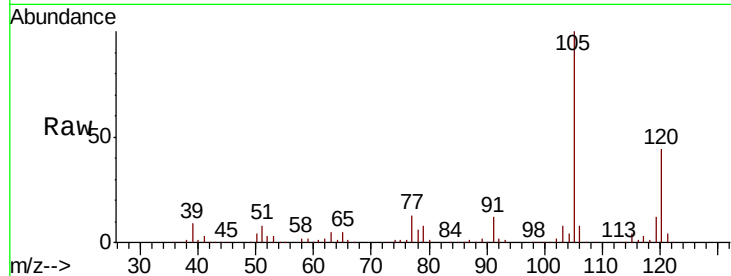
VSTDICCC010

Tot Ion:105 Resp: 380972

Ion Ratio Lower Upper

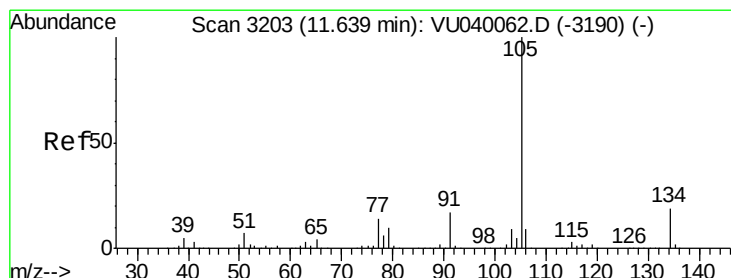
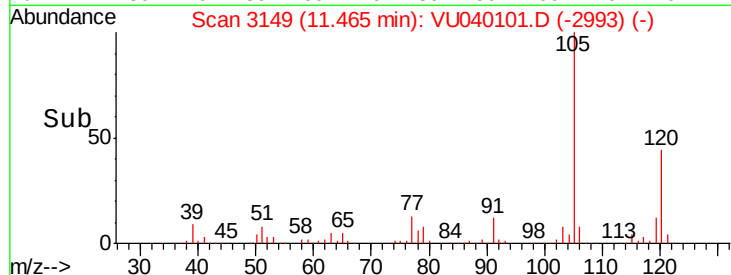
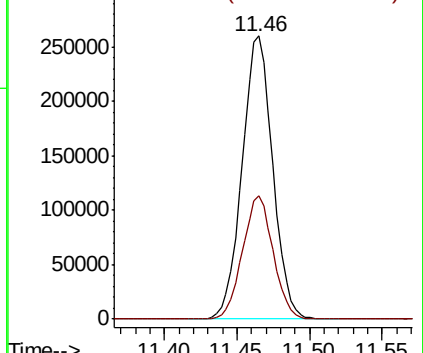
105 100

120 43.7 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

sec-Butylbenzene

Concen: 9.060 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. -0.17 min

Lab File: VU040101.D

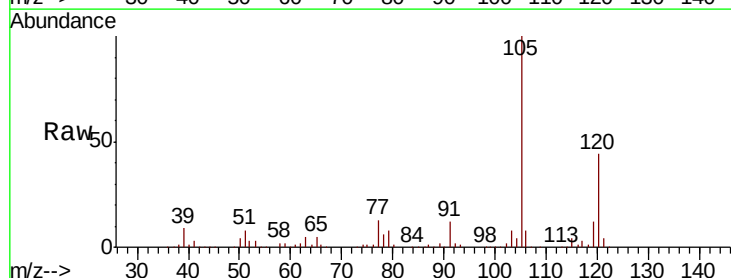
Acq: 11 Sep 2020 12:32

Tgt Ion:105 Resp: 380972

Ion Ratio Lower Upper

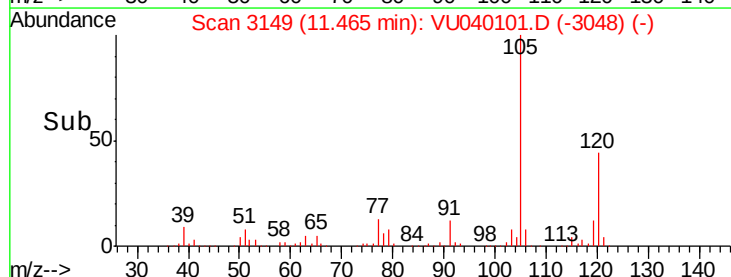
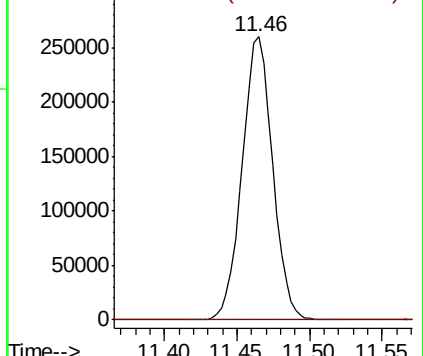
105 100

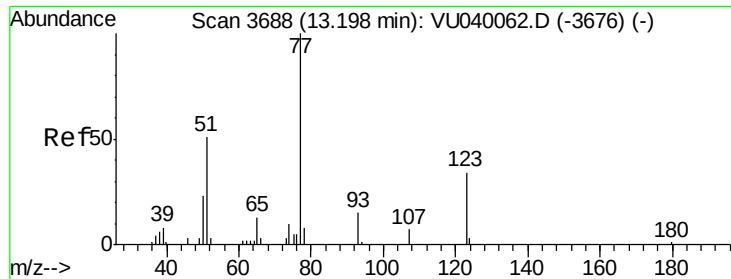
134 0.0 15.0 22.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

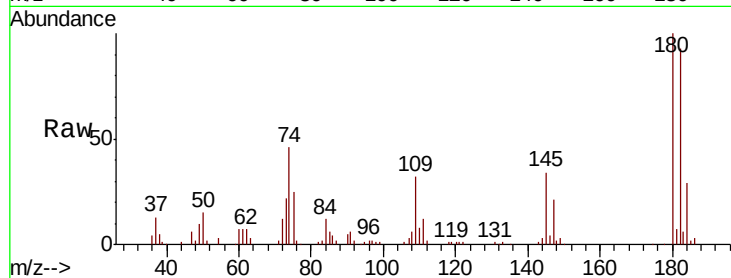




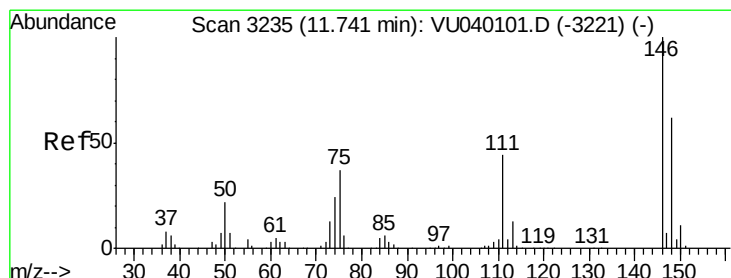
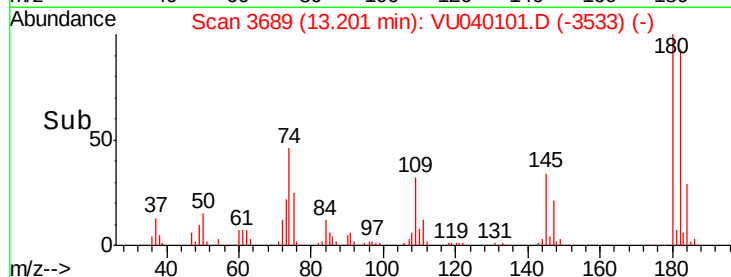
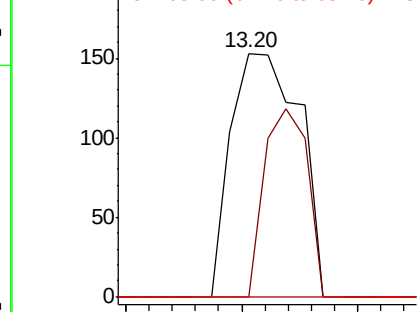
#80
 Nitrobenzene
 Concen: 0.349 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	77	123	65	Resp	Lower	Upper
77	100					
123	48.4	16.4		58.0		
65	0.0	12.5		15.9#		

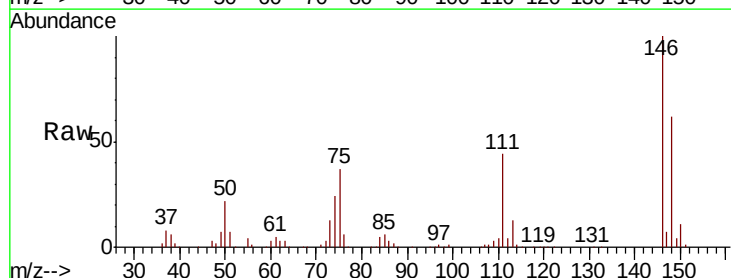


Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0

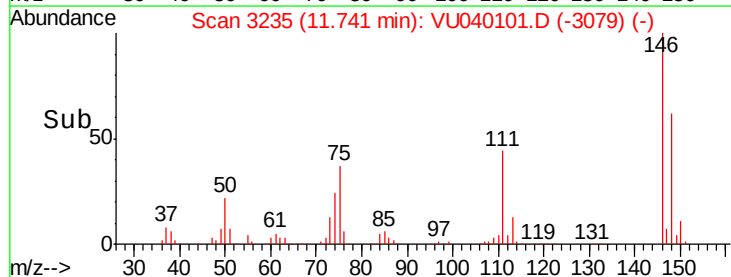
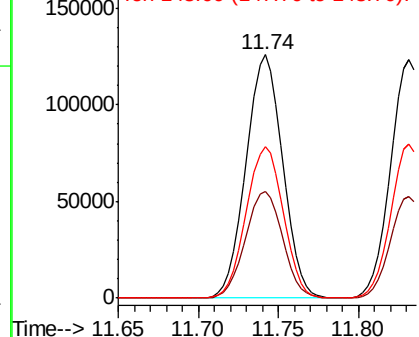


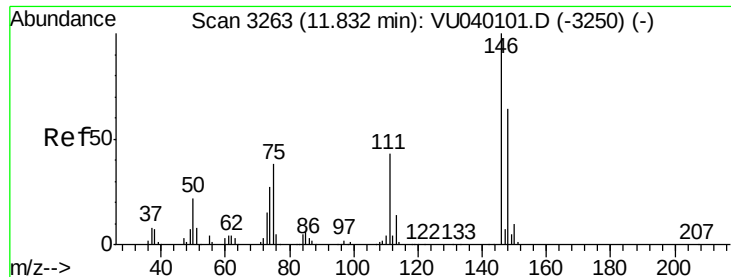
#82
 1,3-Dichlorobenzene
 Concen: 10.727 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion	146	111	148	Resp	Lower	Upper
146	100					
111	44.5	35.4		53.0		
148	63.2	49.7		74.5		



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

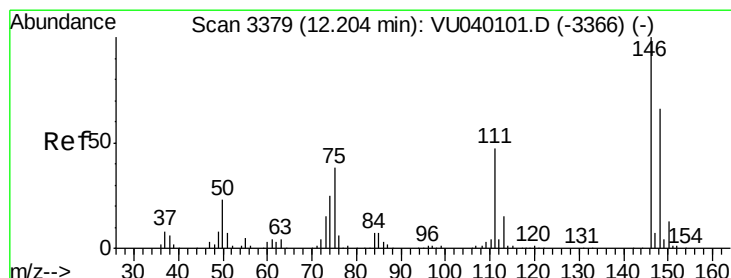
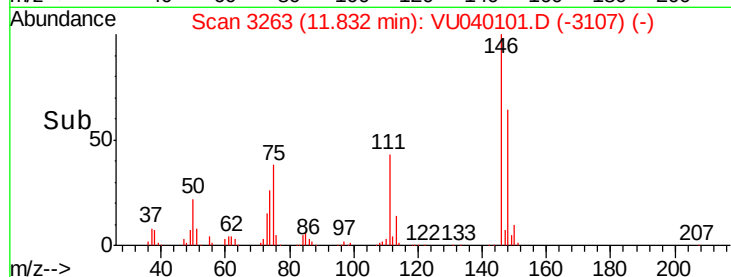
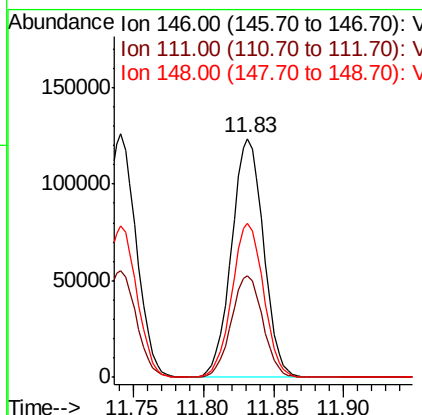
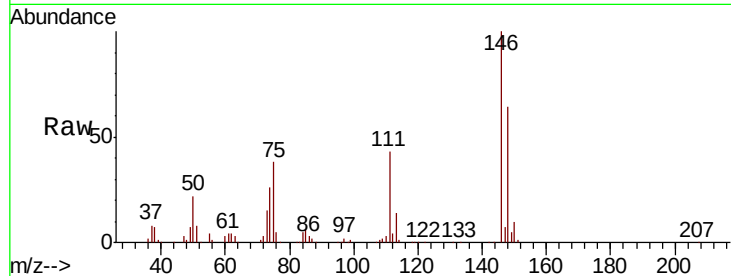




#83
 1,4-Dichlorobenzene
 Concen: 10.799 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

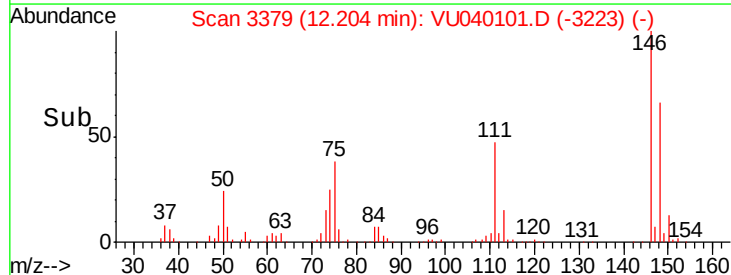
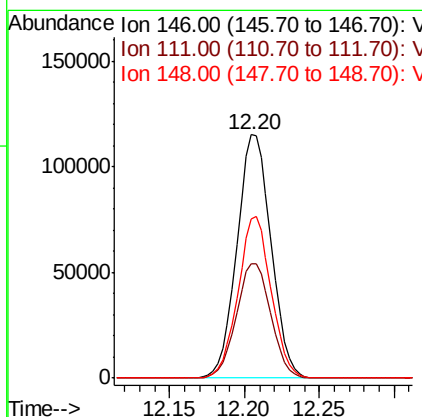
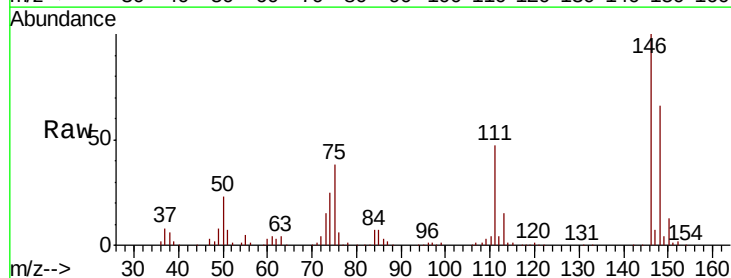
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

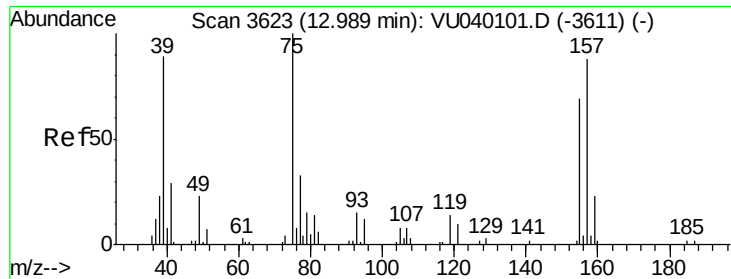
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	34.2	51.2
148	63.9	50.2	75.2



#85
 1,2-Dichlorobenzene
 Concen: 10.375 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.6	22.9	68.7
148	64.5	31.1	93.2

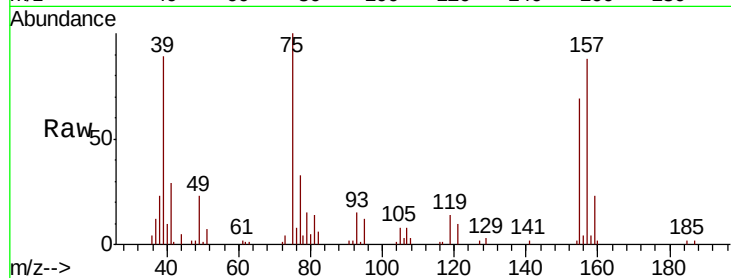




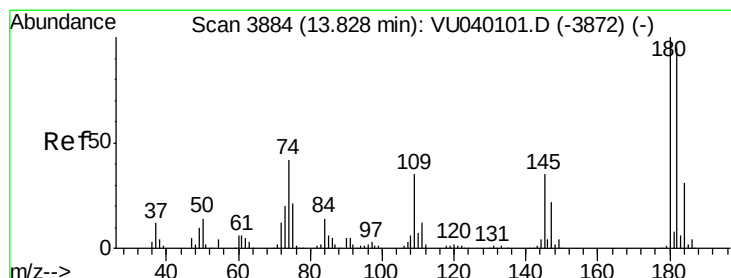
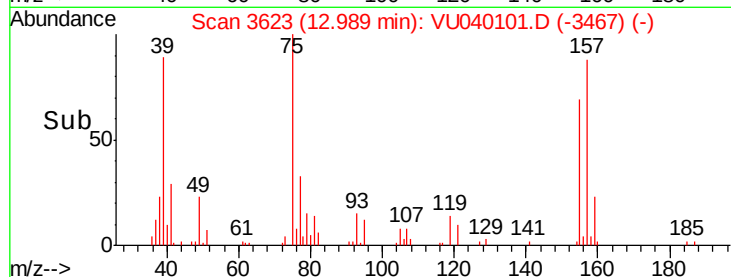
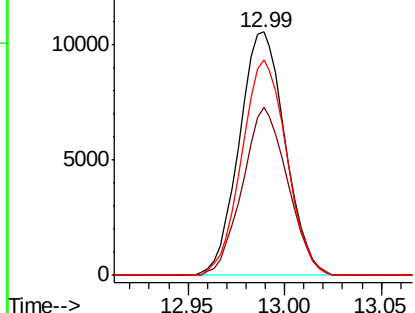
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.430 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion: 75 Resp: 17462
 Ion Ratio Lower Upper
 75 100
 155 67.6 53.4 80.0
 157 86.3 65.8 98.8

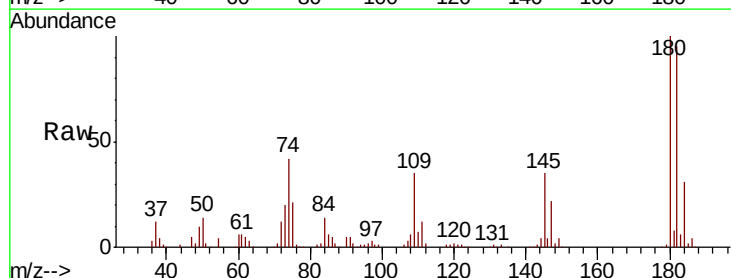


Abundance Ion 75.00 (74.70 to 75.70): VU
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

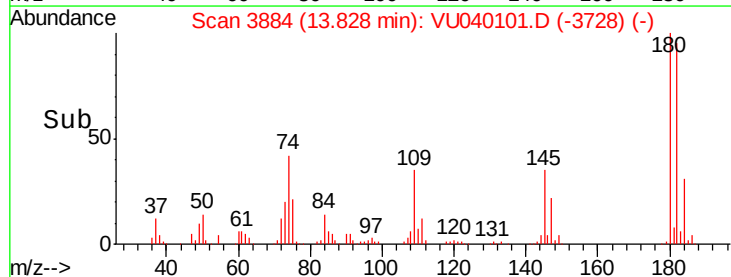
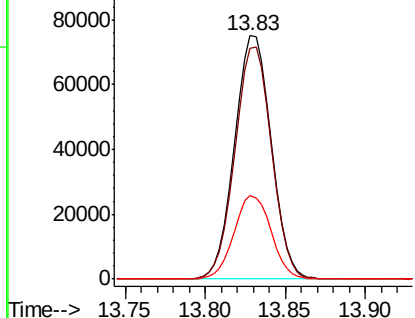


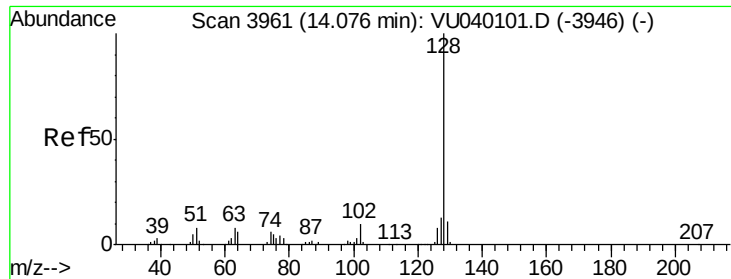
#87
 1,2,4-Trichlorobenzene
 Concen: 11.506 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU040101.D
 Acq: 11 Sep 2020 12:32

Tgt Ion: 180 Resp: 116909
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.0 112.4
 145 34.8 27.7 41.5



Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

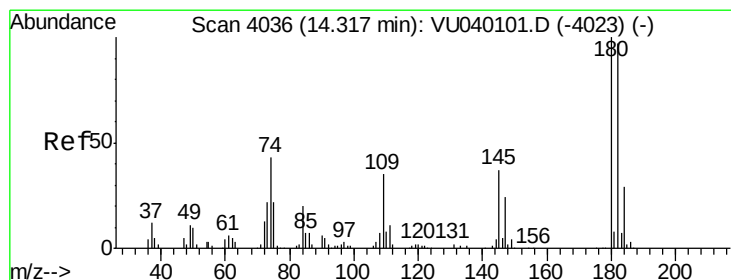
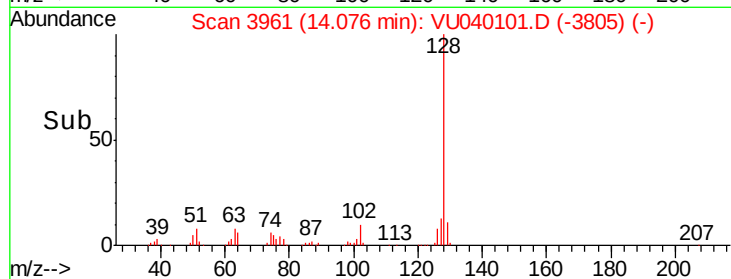
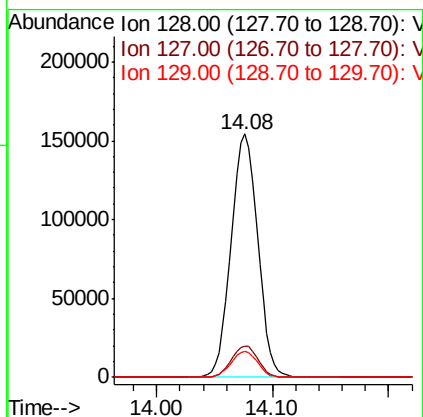
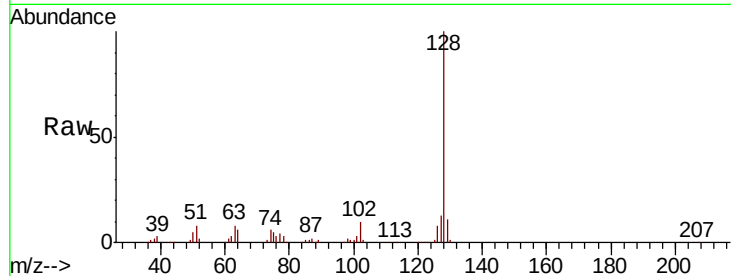




#89
Naphthalene
Concen: 12.362 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:128 Resp: 244833
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 11.783 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. 0.00 min
Lab File: VU040101.D
Acq: 11 Sep 2020 12:32

Tgt Ion:180 Resp: 111514
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 35.7 30.6 45.8

