

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102220\
 Data File : VU040923.D
 Acq On : 23 Oct 2020 01:20
 Operator : SY/MD
 Sample : VU1022WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Quant Time: Oct 23 07:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	54703	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	18336	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19814	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	50917	1.996	ug/l 94
3) Chloromethane	1.53	50	54963	2.067	ug/l 99
4) Vinyl Chloride	1.61	62	50877	2.055	ug/l 98
5) Bromomethane	1.87	94	30181	2.074	ug/l 97
6) Chloroethane	1.94	64	30791	2.035	ug/l 99
7) Trichlorofluoromethane	2.15	101	65818	2.104	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	34449	1.980	ug/l 97
9) 1,1-Dichloroethene	2.59	96	31191	2.059	ug/l 98
10) Iodomethane	2.74	142	32315	2.078	ug/l 97
11) Allyl Chloride	2.94	41	63272	2.028	ug/l 100
12) Acrylonitrile	3.35	53	20690	3.874	ug/l # 89
13) Acetone	2.66	43	19417	4.344	ug/l 93
14) Carbon Disulfide	2.81	76	116206	2.041	ug/l 100
15) Methylene Chloride	3.06	84	40633	2.065	ug/l 94
16) trans-1,2-Dichloroethene	3.37	96	35956	2.097	ug/l 95
17) 1,1-Dichloroethane	3.89	63	73071	2.084	ug/l 99
18) 2-Butanone	4.75	43	80272	11.101	ug/l 93
19) Cyclohexane	5.40	56	61191	1.854	ug/l 92
20) Methylcyclohexane	6.77	83	42570	1.724	ug/l 92
21) 2,2-Dichloropropane	4.68	77	54824	1.851	ug/l 99
22) cis-1,2-Dichloroethene	4.69	96	36310	1.985	ug/l 99
23) Diethyl Ether	2.39	59	31845	2.129	ug/l 98
24) tert-Butyl Alcohol	3.22	59	3389	2.031	ug/l # 72
25) Methyl tert-Butyl Ether	3.38	73	96360	2.051	ug/l 97
26) Bromochloromethane	4.99	128	16200	2.037	ug/l 96
27) Chloroform	5.11	83	69384	2.070	ug/l 94
28) 1,1,1-Trichloroethane	5.33	97	58255	2.016	ug/l 98
29) 1,1-Dichloropropene	5.54	75	49850	1.969	ug/l 97
30) Carbon Tetrachloride	5.54	117	52737	2.016	ug/l 94
31) Isopropyl Ether	4.02	45	108525	2.001	ug/l 97
32) Ethyl-t-butyl ether	4.53	59	96605	2.023	ug/l 98
33) Tert-Amyl methyl ether	5.96	73	66315	1.864	ug/l 99
34) Propionitrile	4.82	54	8192	4.126	ug/l # 77
35) Benzene	5.79	78	140409	2.001	ug/l 99
36) 1,2-Dichloroethane	5.81	62	54735	2.104	ug/l 98
37) Trichloroethene	6.55	130	33524	2.021	ug/l 96
38) 1,2-Dichloropropane	6.80	63	40081	2.013	ug/l 90
39) Methacrylonitrile	5.00	41	18726	2.012	ug/l # 93
40) Methyl acrylate	4.87	55	26533	2.079	ug/l 97
41) Tetrahydrofuran	5.10	42	18915	3.951	ug/l # 79
42) 1-Chlorobutane	5.47	56	79387	2.074	ug/l 99

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 Misc : 25.0mL/MSVOA U/WATER
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Instrument :
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 VU1022WBSD01

Quant Time: Oct 23 07:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

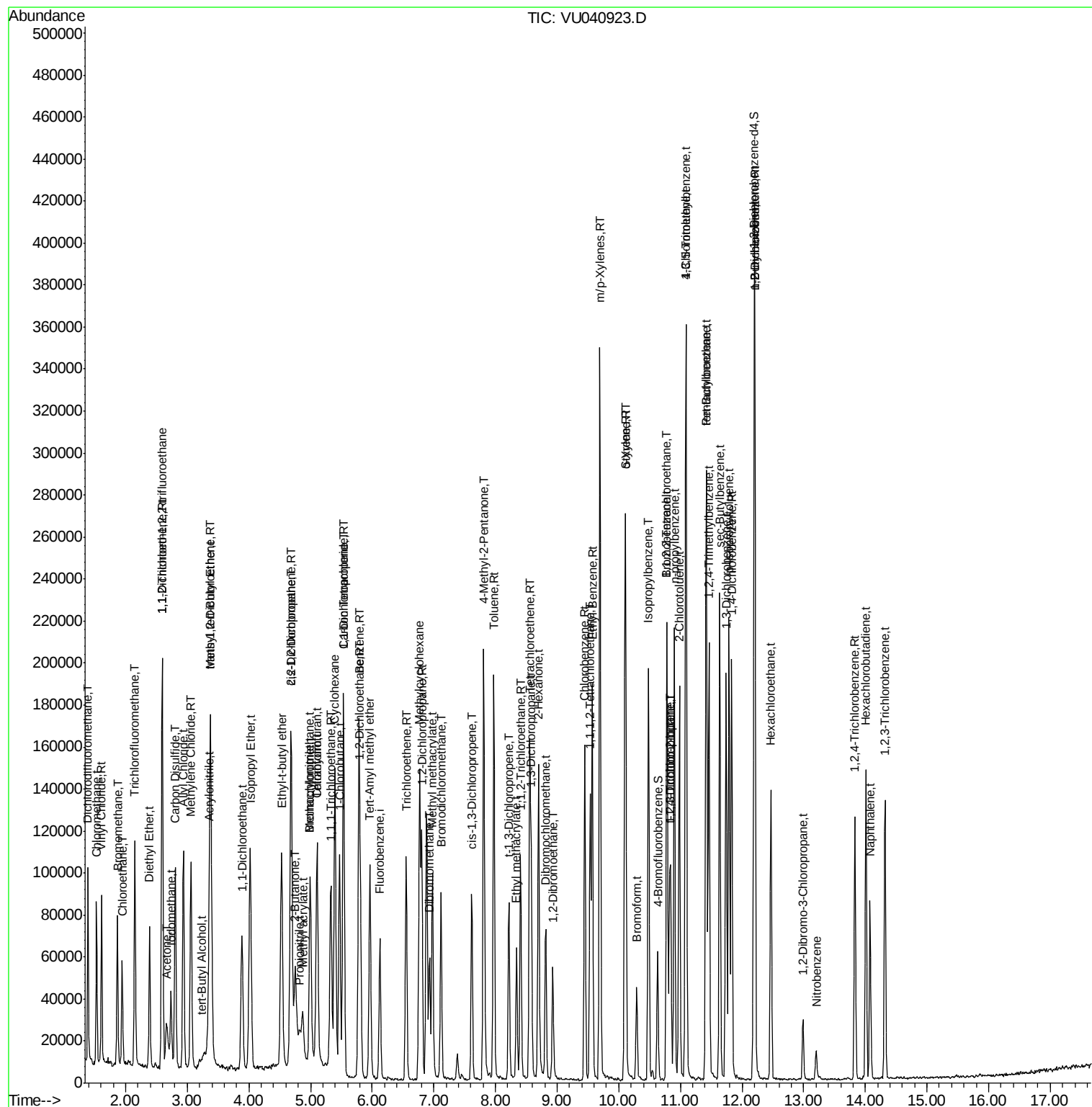
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	22882	2.051	ug/l	96
44) Bromodichloromethane	7.12	83	54085	2.088	ug/l	95
45) 4-Methyl-2-Pentanone	7.81	43	139637	9.532	ug/l	95
46) t-1,4-Dichloro-2-butene	10.83	75	49374	8.523	ug/l #	52
47) Methyl methacrylate	6.98	69	35479	3.808	ug/l	99
48) Ethyl methacrylate	8.34	69	27372	1.746	ug/l	94
49) Toluene	7.97	92	72082	1.868	ug/l	91
50) t-1,3-Dichloropropene	8.22	75	41297	1.844	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	46775	1.906	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	31076	2.203	ug/l	90
53) 1,3-Dichloropropane	8.58	76	50100	1.978	ug/l	99
54) 2-Hexanone	8.70	43	100328	9.803	ug/l	95
55) Dibromochloromethane	8.81	129	34333	2.030	ug/l	99
56) 1,2-Dibromoethane	8.93	107	27286	2.086	ug/l	100
58) Tetrachloroethene	8.56	164	29880	1.927	ug/l	94
59) Chlorobenzene	9.45	112	77095	1.887	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	32254	2.009	ug/l	98
61) Pentachloroethane	11.42	117	26742	2.062	ug/l	95
62) Hexachloroethane	12.47	117	27205	2.061	ug/l	97
63) Ethyl Benzene	9.57	91	116013	1.714	ug/l	98
64) m/p-Xylenes	9.69	106	90680	3.394	ug/l	100
65) o-Xylene	10.10	106	41639	1.752	ug/l	98
66) Styrene	10.11	104	75853	1.755	ug/l	99
67) Bromoform	10.29	173	18290	1.998	ug/l	98
69) Isopropylbenzene	10.48	105	110965	1.751	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	40418	2.106	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	49374	3.374	ug/l	74
72) Bromobenzene	10.78	156	31671	1.917	ug/l	99
73) n-propylbenzene	10.91	120	31108	1.675	ug/l	93
74) 2-Chlorotoluene	10.98	126	30751	1.870	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	99586	1.710	ug/l	99
76) 4-Chlorotoluene	11.10	126	33693	1.977	ug/l	94
77) tert-Butylbenzene	11.42	119	99868	1.864	ug/l	95
78) 1,2,4-Trimethylbenzene	11.47	105	104723	1.735	ug/l	98
79) sec-Butylbenzene	11.64	105	135194	1.818	ug/l	98
80) Nitrobenzene	13.20	77	8435	9.291	ug/l	95
81) p-Isopropyltoluene	11.79	119	108817	1.749	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	73099	2.028	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	74351	2.040	ug/l	98
84) n-Butylbenzene	12.20	91	105392	1.693	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	70809	2.054	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7840	2.188	ug/l	88
87) 1,2,4-Trichlorobenzene	13.83	180	34452	1.705	ug/l	97
88) Hexachlorobutadiene	14.01	225	21843	1.925	ug/l	95
89) Naphthalene	14.08	128	63539	1.875	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	34525	1.756	ug/l	96

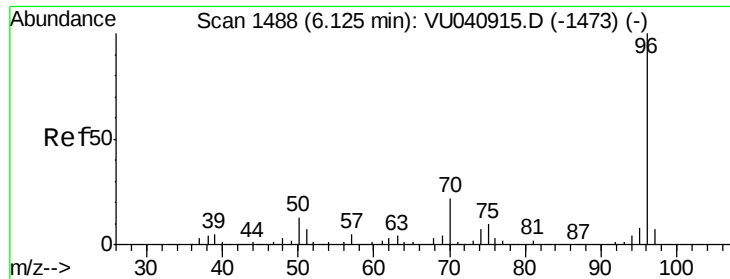
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU040923.D
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Misc : 25.0mL/MSVOA U/WATER
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ClientSampleID :
VU1022WBSD01

Quant Time: Oct 23 07:09:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 96 Resp: 54703

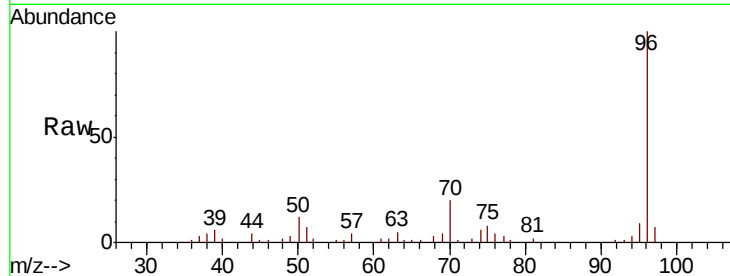
Ion Ratio Lower Upper

96 100

70 21.6 16.3 24.5

95 9.1 7.3 10.9

97 7.3 0.0 0.0#

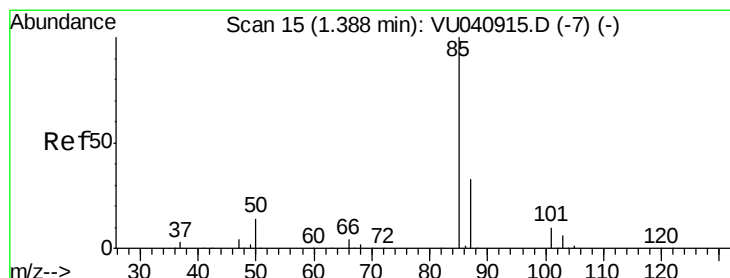
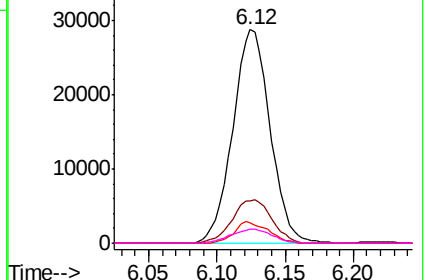
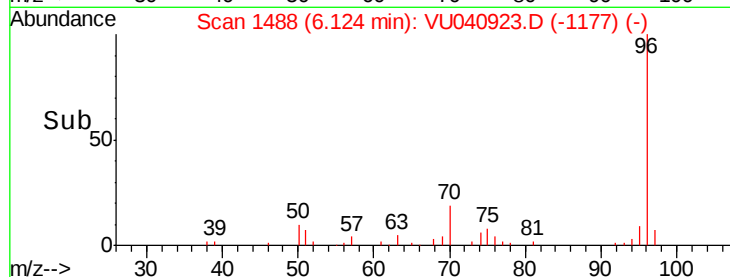


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 1.996 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040923.D

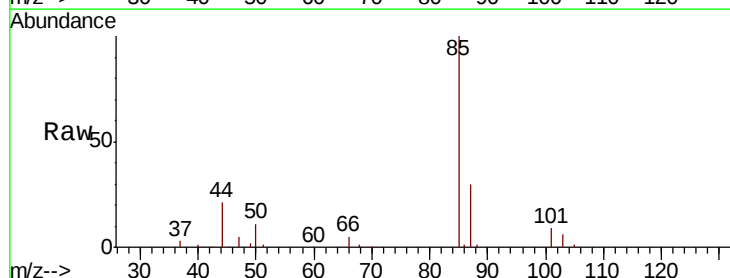
Acq: 23 Oct 2020 01:20

Tgt Ion: 85 Resp: 50917

Ion Ratio Lower Upper

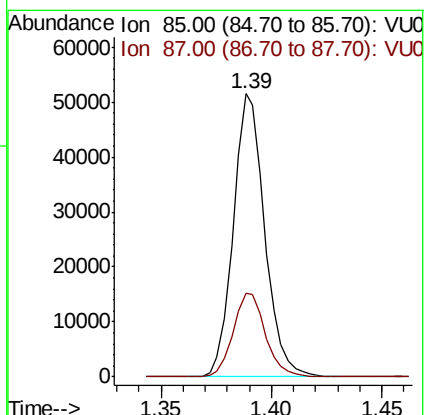
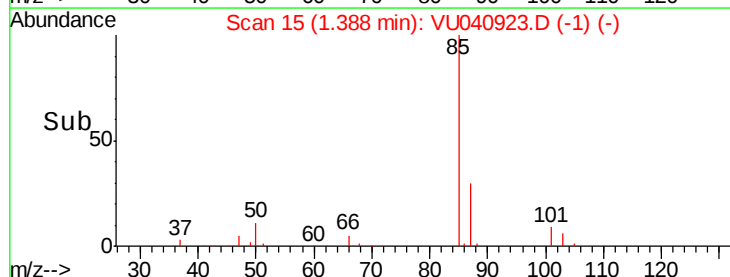
85 100

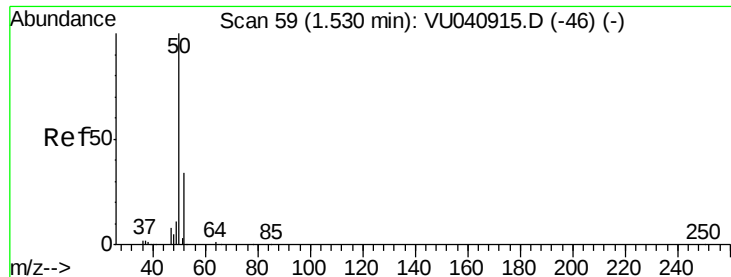
87 29.8 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.067 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

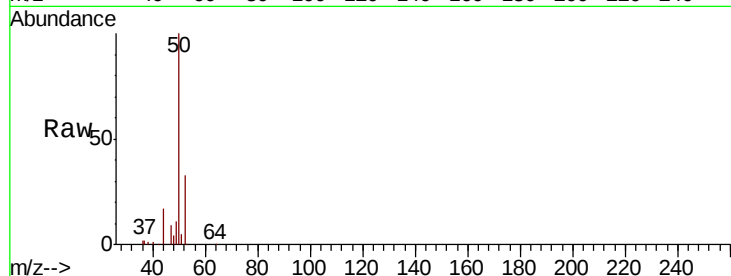
VU1022WBSD01

Tot Ion: 50 Resp: 54963

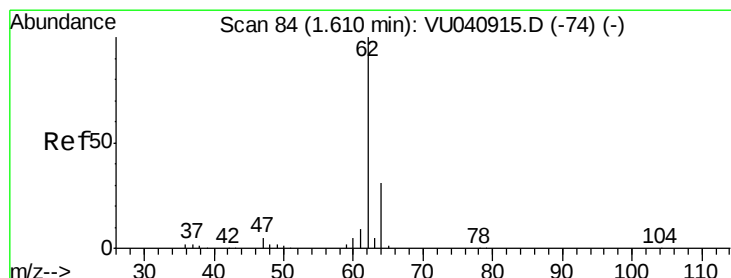
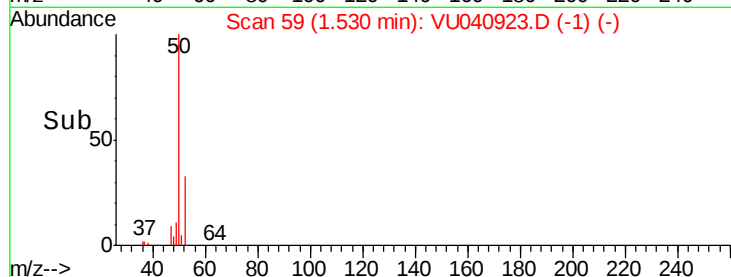
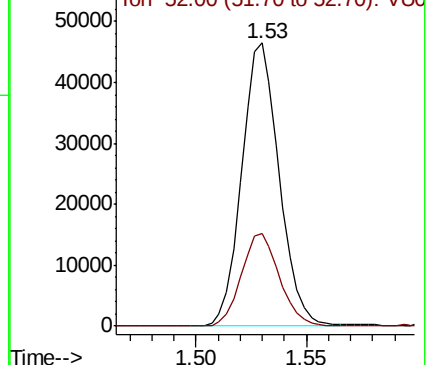
Ion Ratio Lower Upper

50 100

52 32.8 26.9 40.3



Abundance Ion 50.00 (49.70 to 50.70): VU040923.D (-1) (-)



#4

Vinyl Chloride

Concen: 2.055 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040923.D

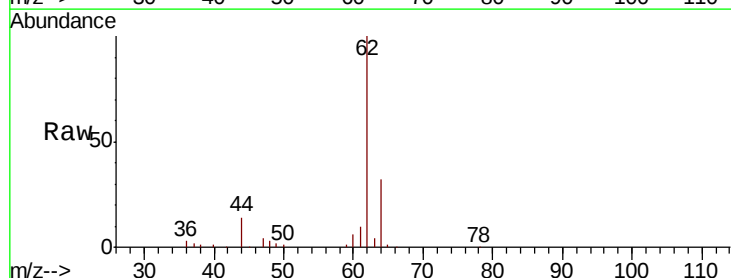
Acq: 23 Oct 2020 01:20

Tgt Ion: 62 Resp: 50877

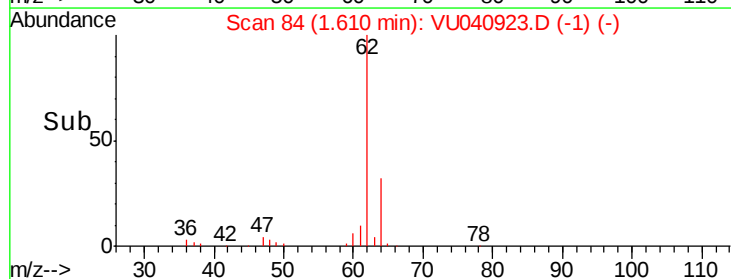
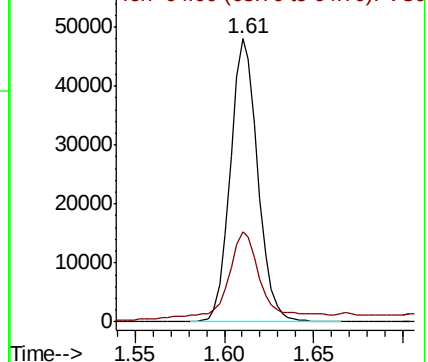
Ion Ratio Lower Upper

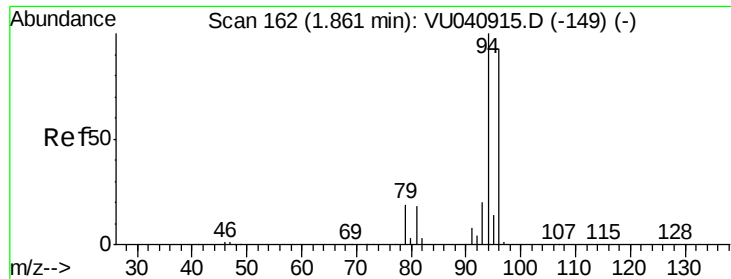
62 100

64 29.7 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU040923.D (-1) (-)





#5

Bromomethane

Concen: 2.074 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

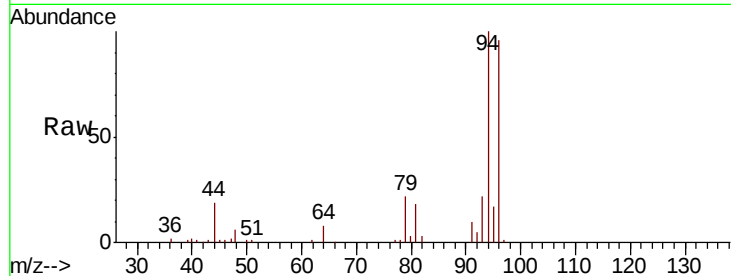
VU1022WBSD01

Tot Ion: 94 Resp: 30181

Ion Ratio Lower Upper

94 100

96 96.1 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.87

25000

20000

15000

10000

5000

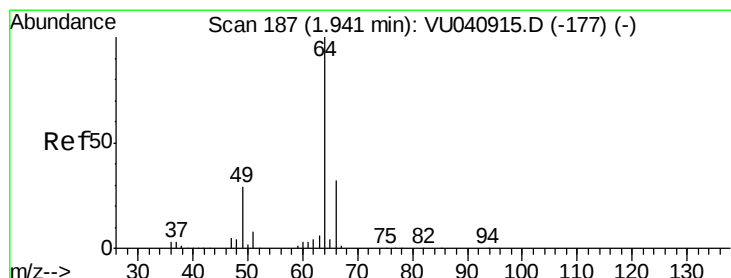
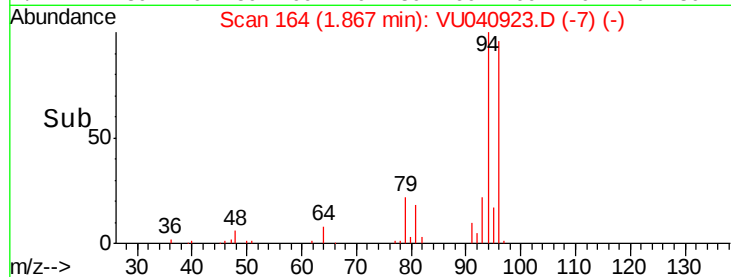
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Time-->

1.80

1.85

1.90



#6

Chloroethane

Concen: 2.035 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040923.D

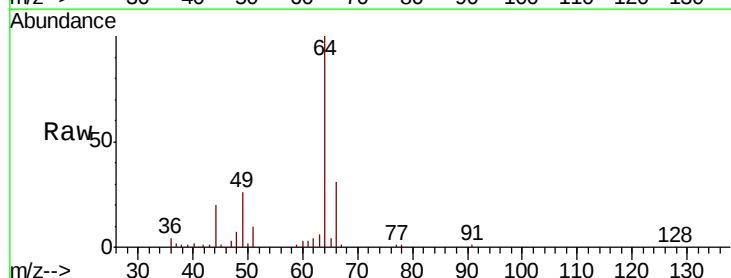
Acq: 23 Oct 2020 01:20

Tgt Ion: 64 Resp: 30791

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

1.94

25000

20000

15000

10000

5000

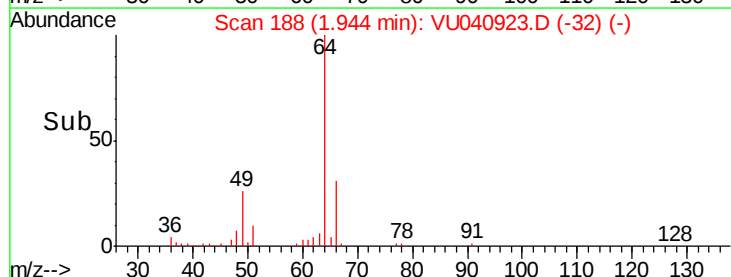
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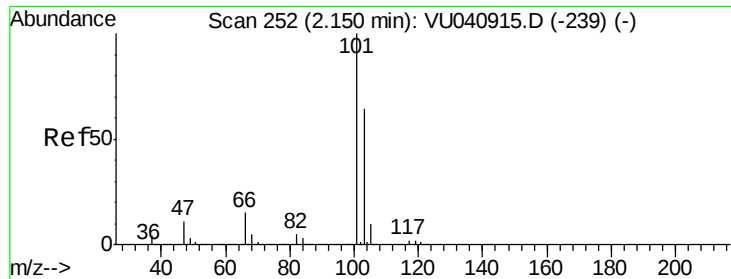
Time-->

1.90

1.95

2.00



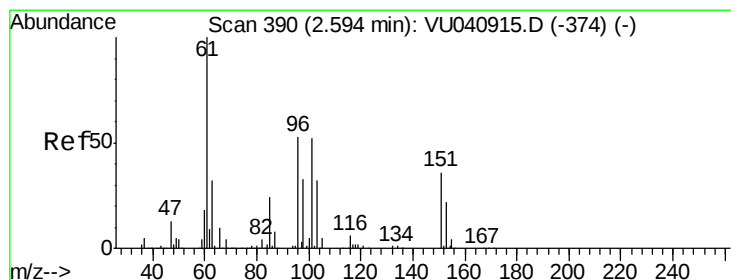
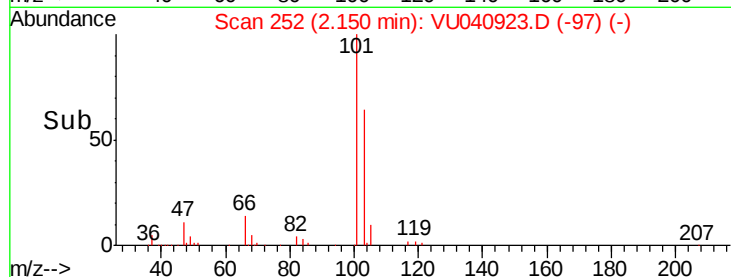
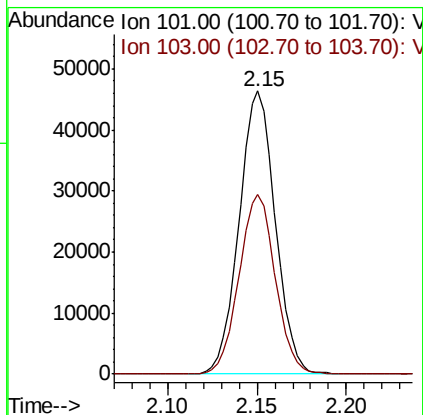
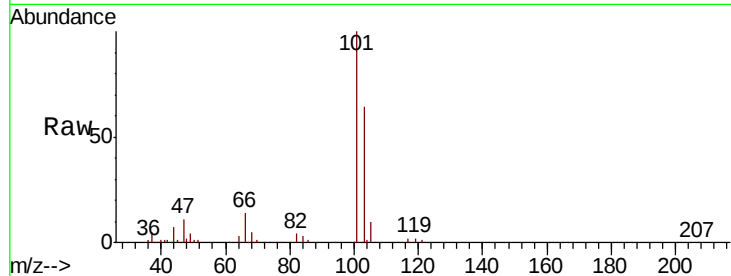


#7

Trichlorofluoromethane
 Concen: 2.104 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

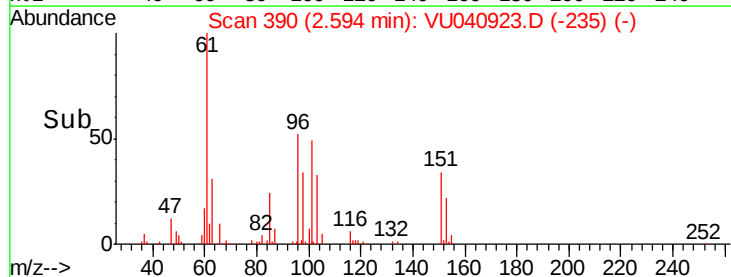
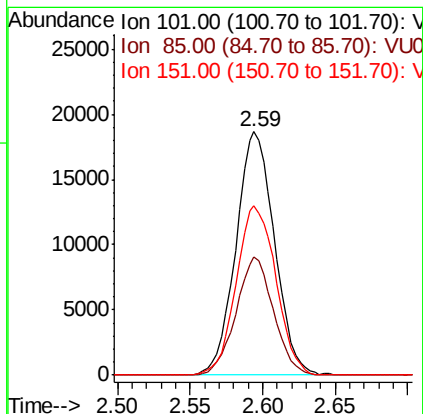
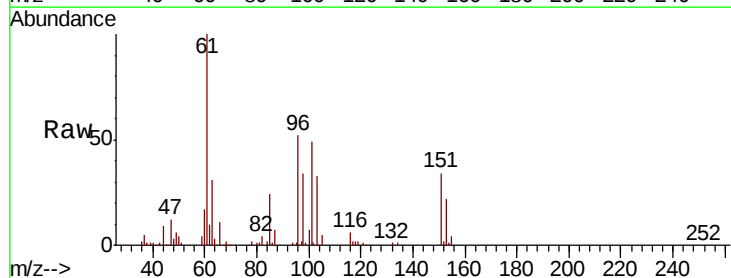
Tot Ion:101 Resp: 65818
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3

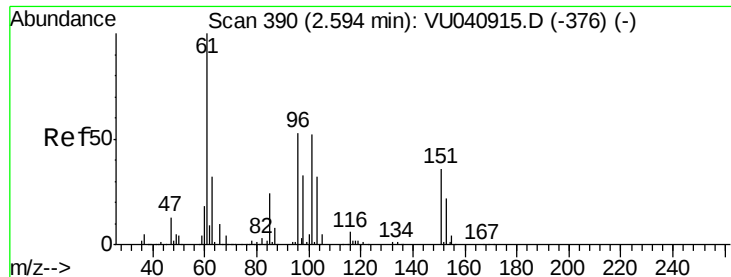


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.980 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion:101 Resp: 34449
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.2 54.2
 151 71.6 55.1 82.7





#9

1,1-Dichloroethene

Concen: 2.059 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

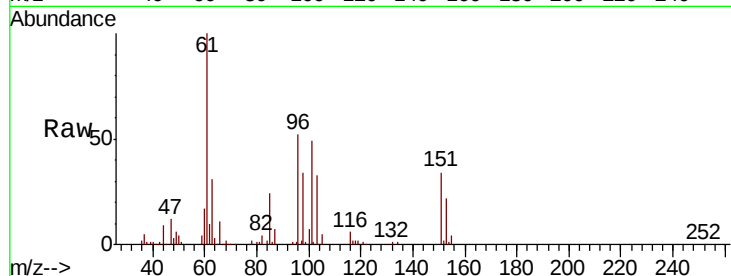
Tot Ion: 96 Resp: 31191

Ion Ratio Lower Upper

96 100

61 190.6 0.0 561.9

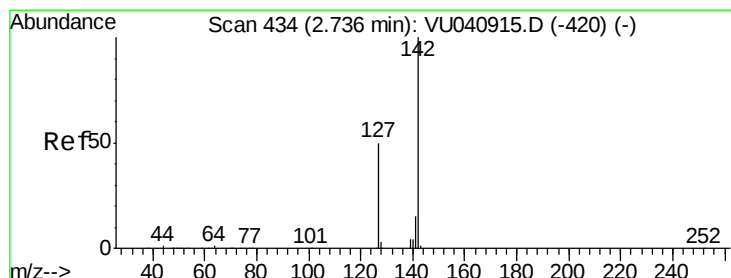
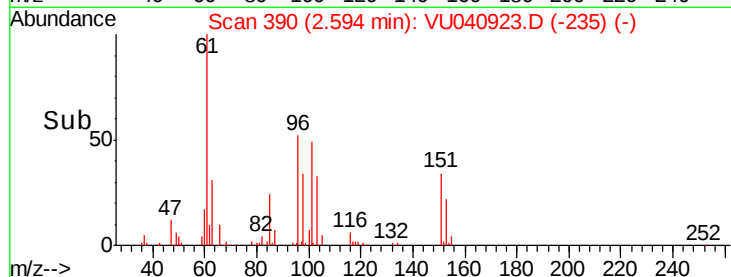
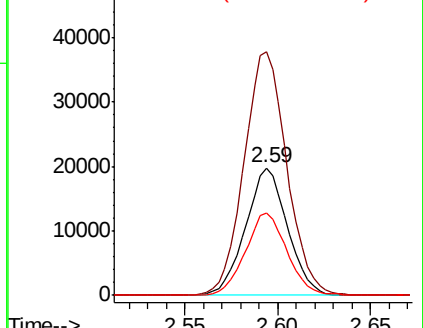
98 64.5 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040923.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040923.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040923.D (-235) (-)



#10

Iodomethane

Concen: 2.078 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040923.D

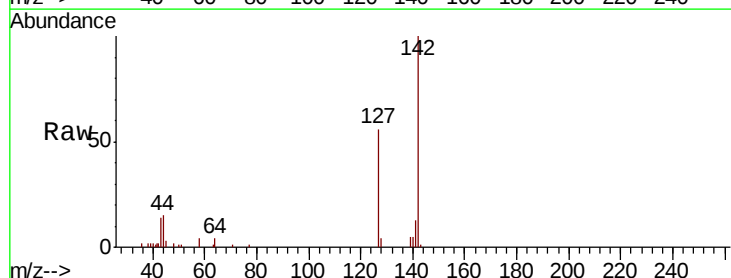
Acq: 23 Oct 2020 01:20

Tgt Ion: 142 Resp: 32315

Ion Ratio Lower Upper

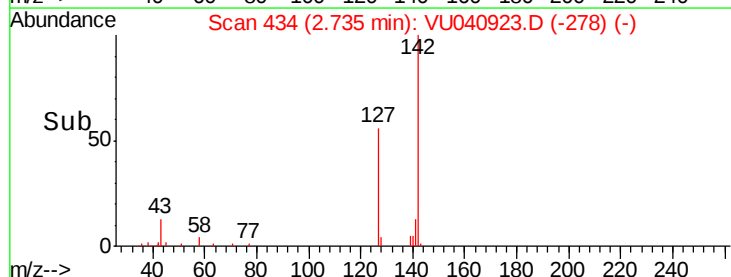
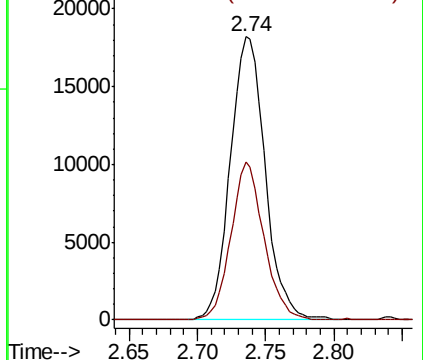
142 100

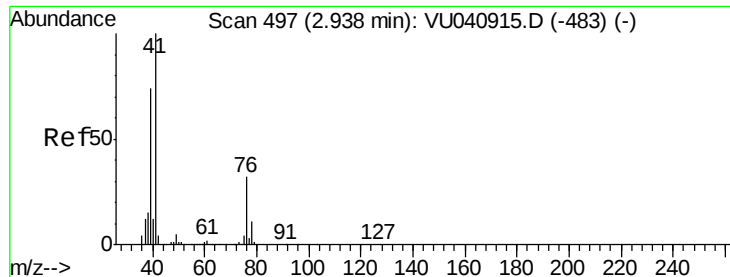
127 52.7 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040923.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040923.D (-278) (-)

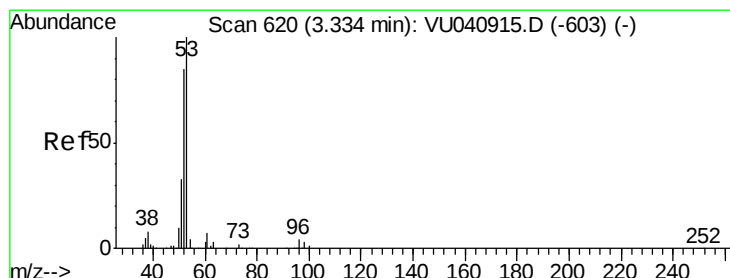
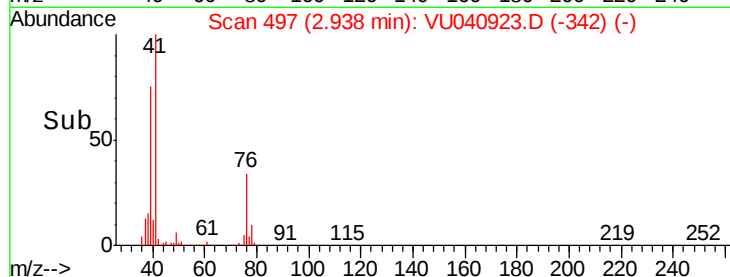
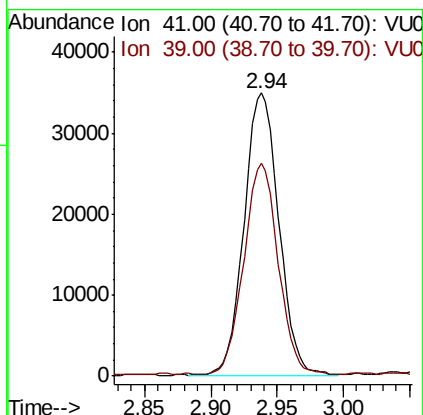
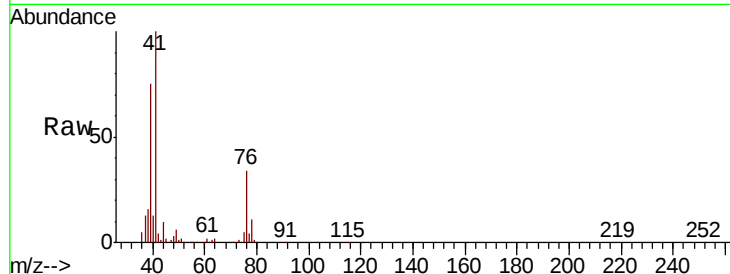




#11
Allvl Chloride
Concen: 2.028 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

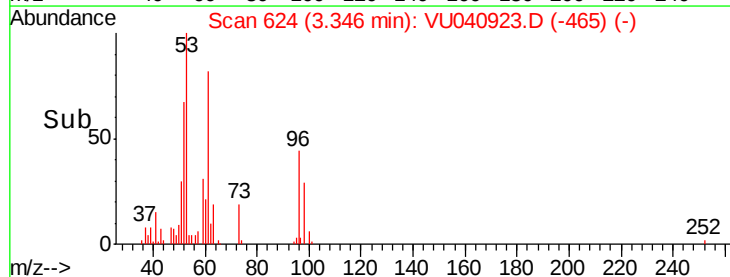
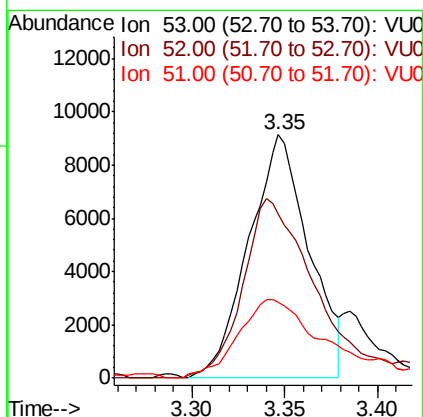
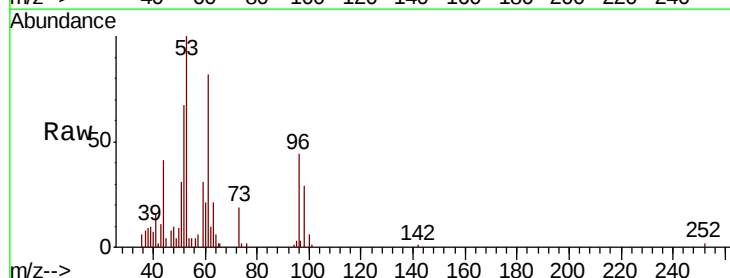
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

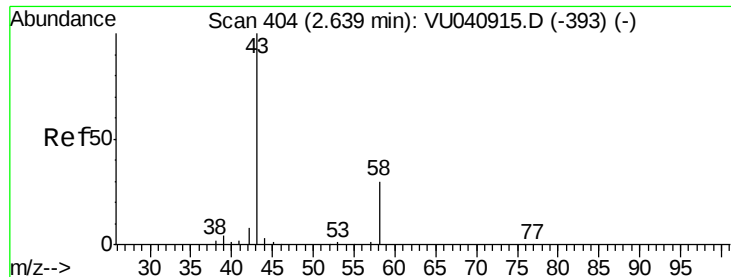
Tot Ion: 41 Resp: 63272
Ion Ratio Lower Upper
41 100
39 73.7 59.0 88.4



#12
Acrylonitrile
Concen: 3.874 ug/l
RT: 3.35 min Scan# 624
Delta R.T. 0.01 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 53 Resp: 20690
Ion Ratio Lower Upper
53 100
52 87.4 63.1 94.7
51 46.4 30.6 46.0#

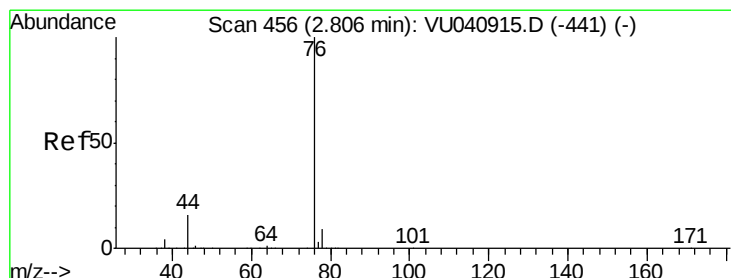
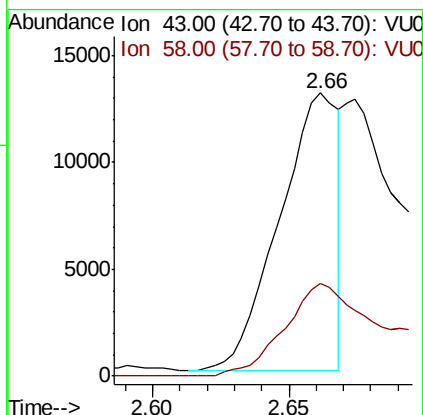
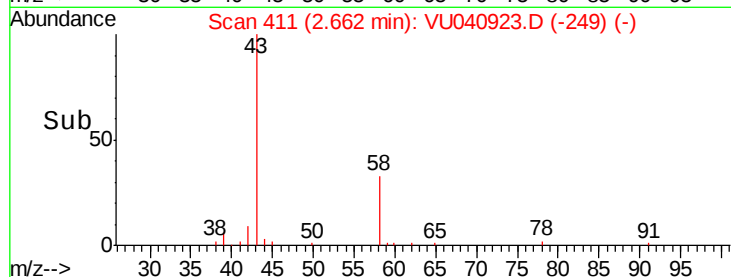
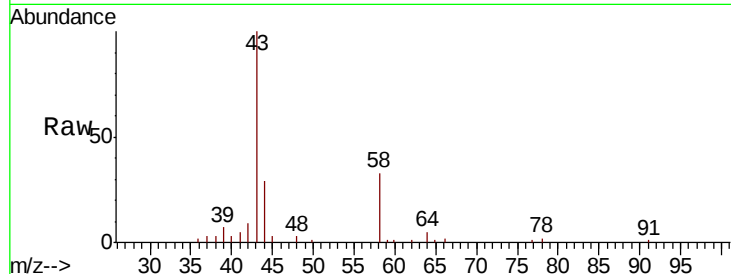




#13
Acetone
Concen: 4.344 ug/l
RT: 2.66 min Scan# 411
Delta R.T. 0.02 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

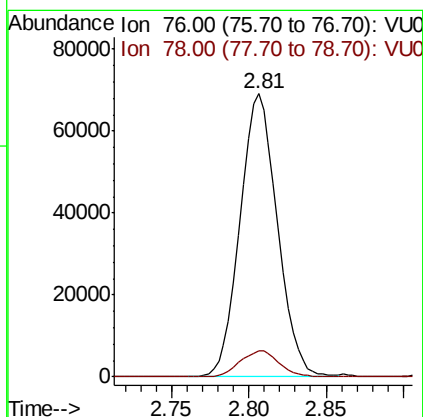
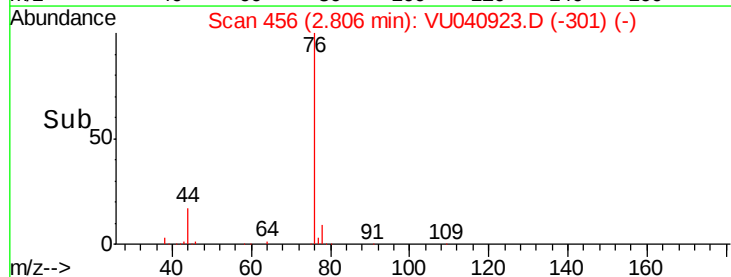
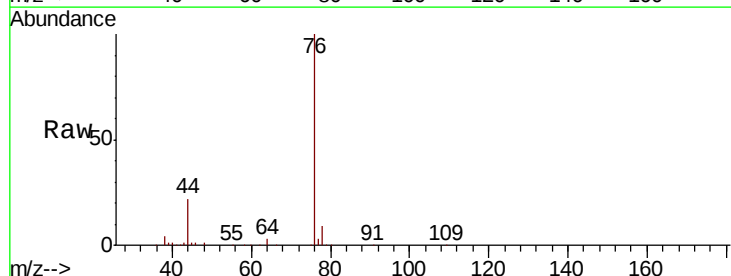
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

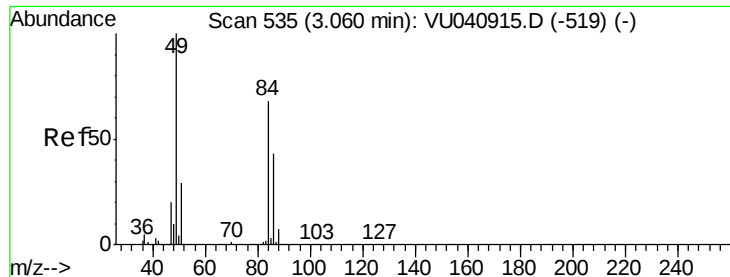
Tot Ion: 43 Resp: 19417
Ion Ratio Lower Upper
43 100
58 33.4 23.6 35.4



#14
Carbon Disulfide
Concen: 2.041 ug/l
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 76 Resp: 116206
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

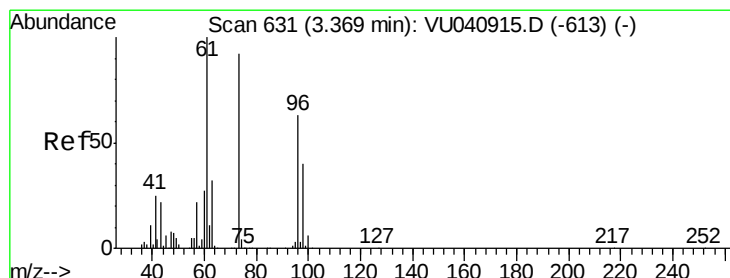
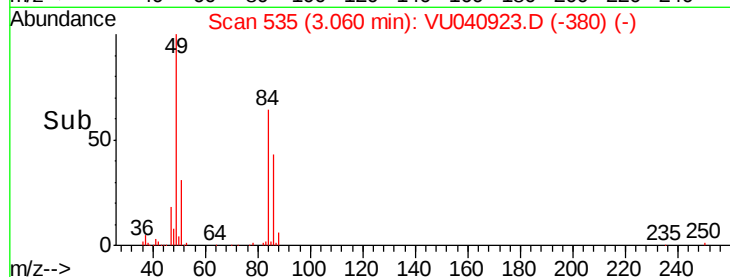
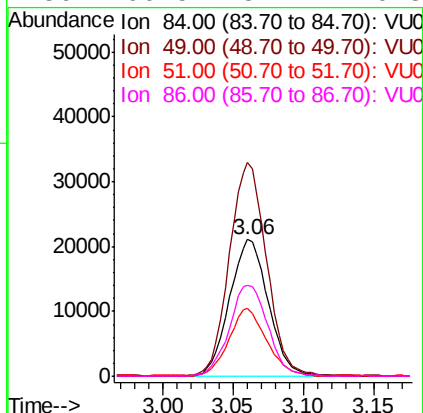
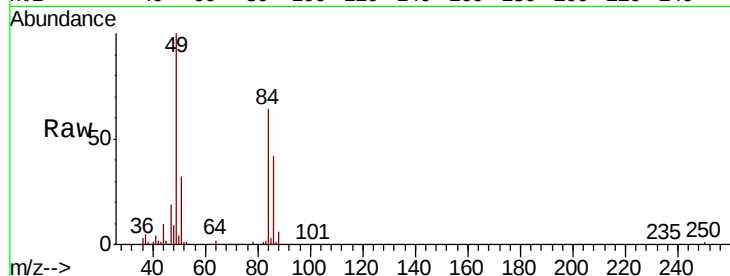




#15
Methvlene Chloride
Concen: 2.065 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

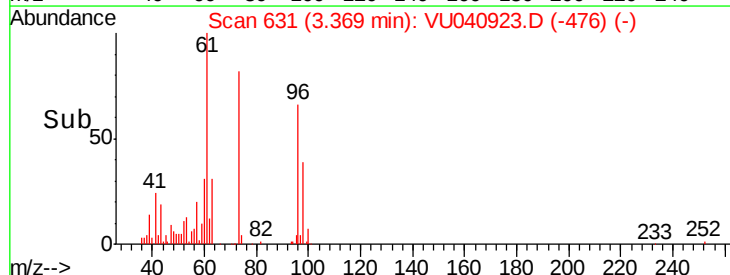
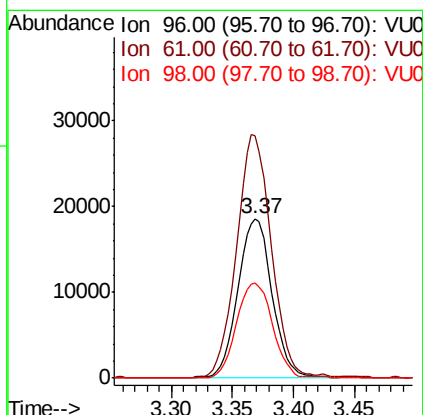
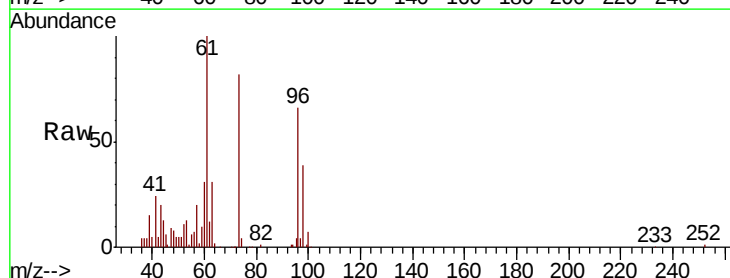
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

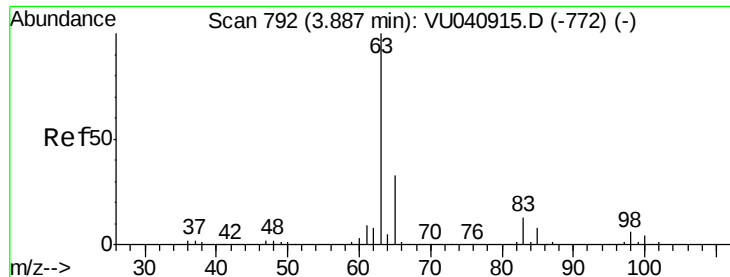
Tot Ion: 84 Resp: 40633
Ion Ratio Lower Upper
84 100
49 156.0 118.2 177.4
51 49.4 0.0 86.8
86 66.5 51.2 76.8



#16
trans-1,2-Dichloroethene
Concen: 2.097 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 96 Resp: 35956
Ion Ratio Lower Upper
96 100
61 152.2 127.0 190.4
98 59.4 51.2 76.8

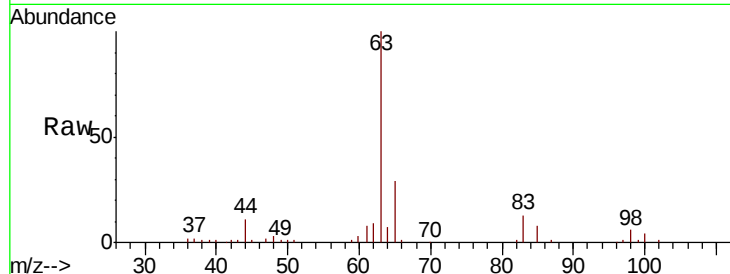




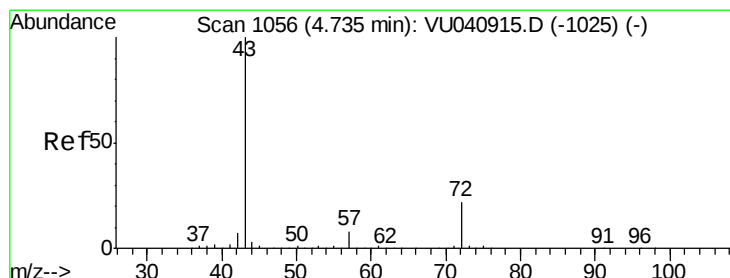
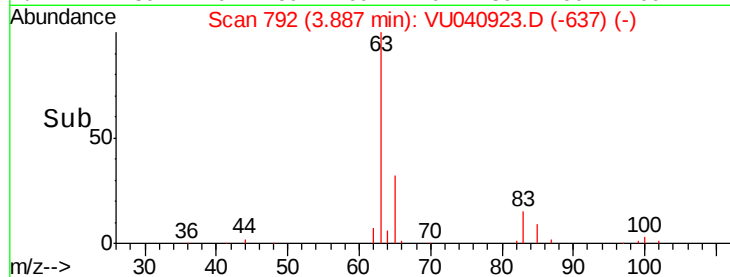
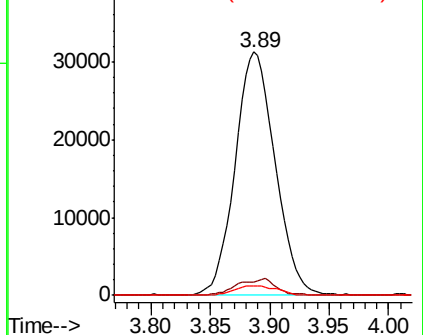
#17
 1,1-Dichloroethane
 Concen: 2.084 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion: 63 Resp: 73071
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.2
 100 4.0 1.8 5.5

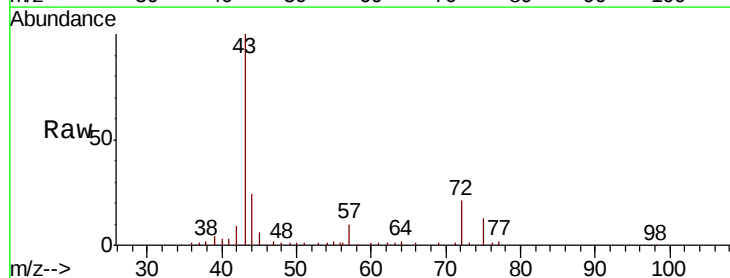


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

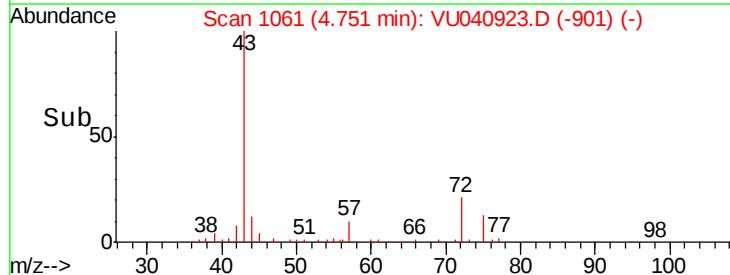
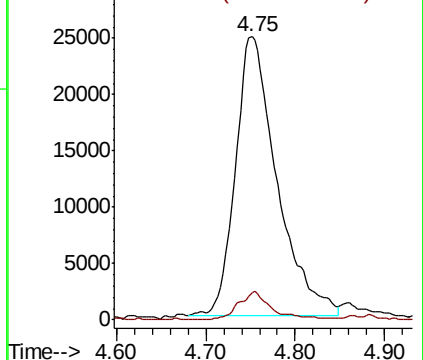


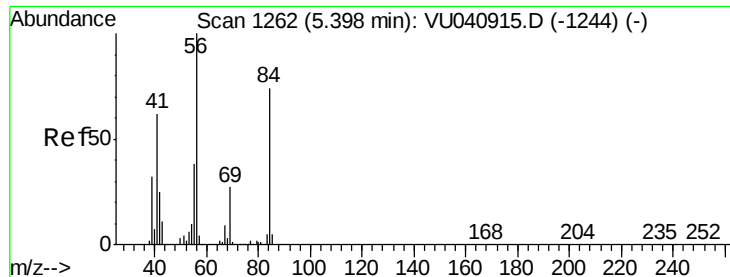
#18
 2-Butanone
 Concen: 11.101 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 43 Resp: 80272
 Ion Ratio Lower Upper
 43 100
 57 10.0 0.0 15.2



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

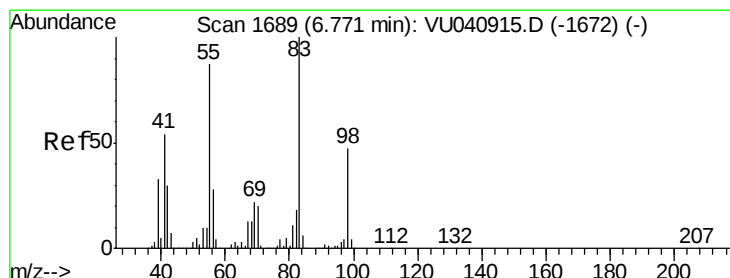
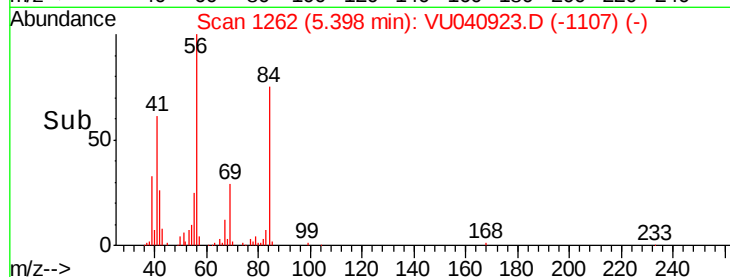
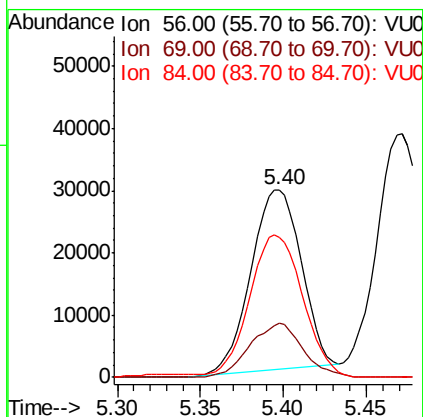
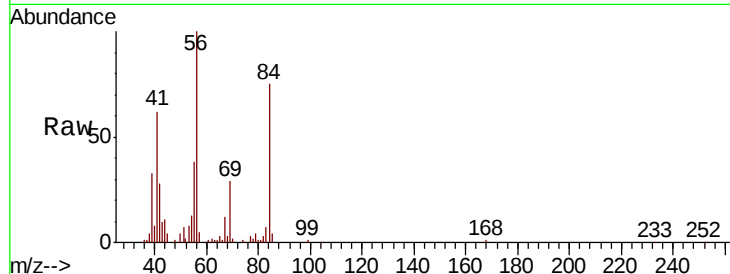




#19
Cyclohexane
Concen: 1.854 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

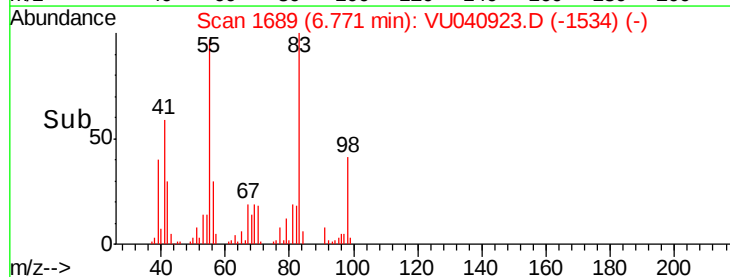
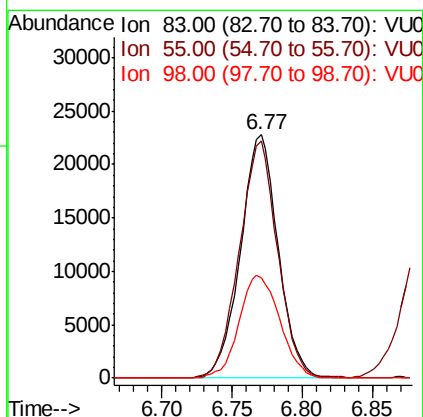
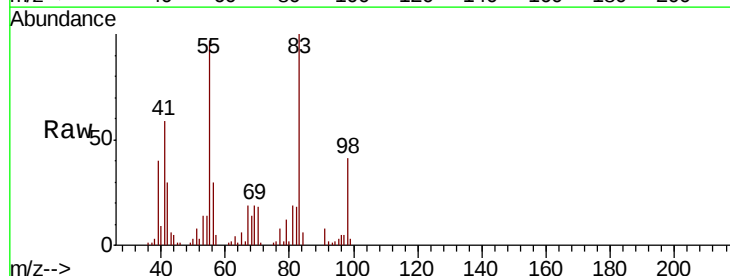
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

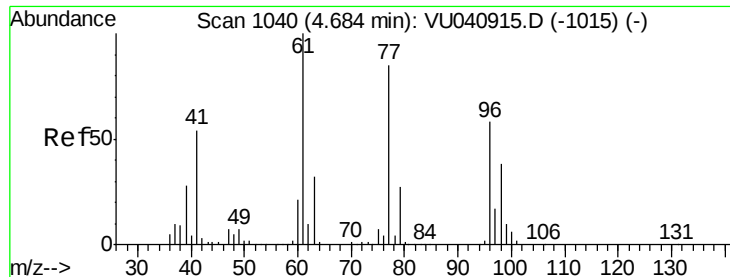
Tot Ion	56	Resp	61191
Ion Ratio	Lower	Upper	
56	100		
69	31.6	22.2	33.2
84	82.1	60.1	90.1



#20
Methylcyclohexane
Concen: 1.724 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	83	Resp	42570
Ion Ratio	Lower	Upper	
83	100		
55	99.1	71.0	106.4
98	45.5	38.1	57.1

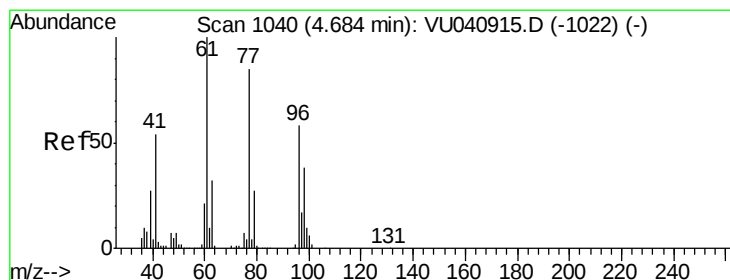
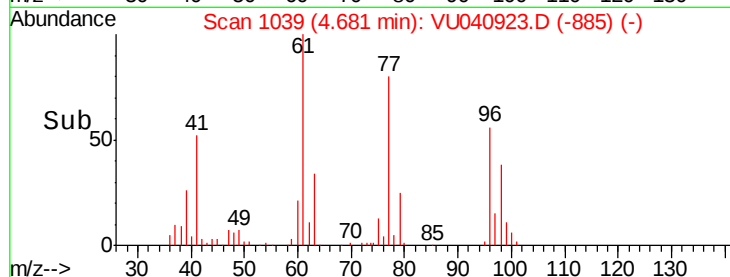
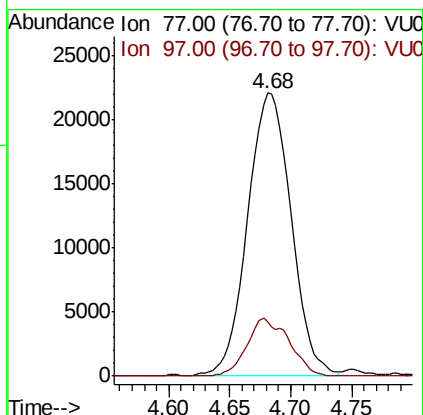
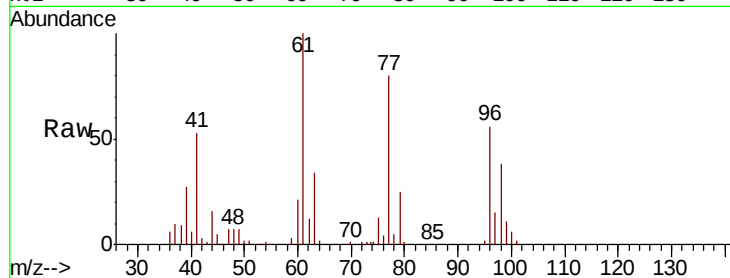




#21
 2,2-Dichloropropane
 Concen: 1.851 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

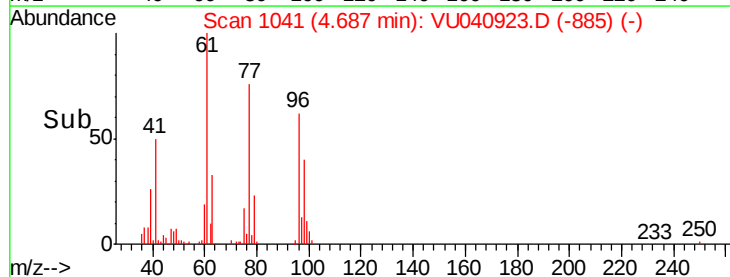
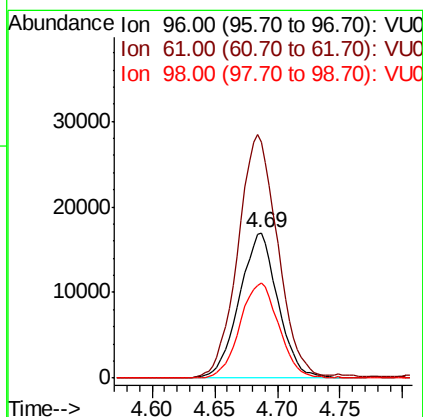
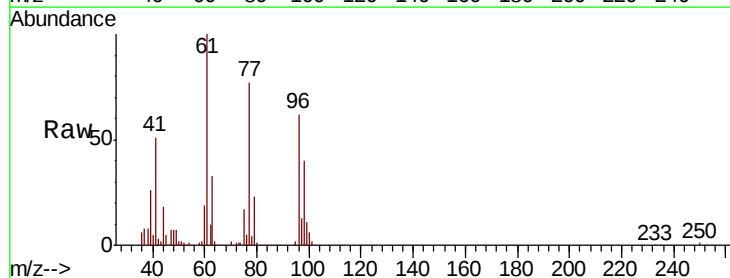
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

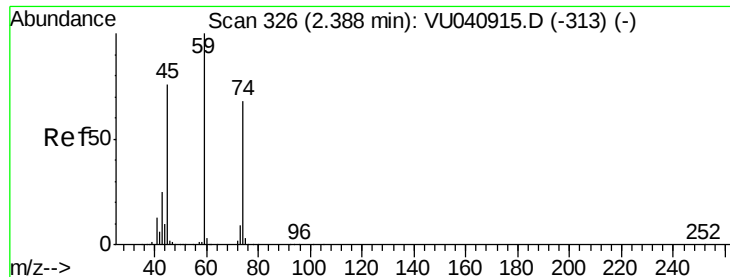
Tot Ion: 77 Resp: 54824
 Ion Ratio Lower Upper
 77 100
 97 19.6 16.0 24.0



#22
 cis-1,2-Dichloroethene
 Concen: 1.985 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 96 Resp: 36310
 Ion Ratio Lower Upper
 96 100
 61 172.6 0.0 434.5
 98 66.0 32.6 97.8

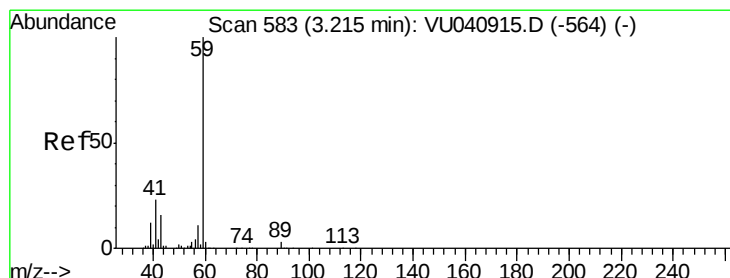
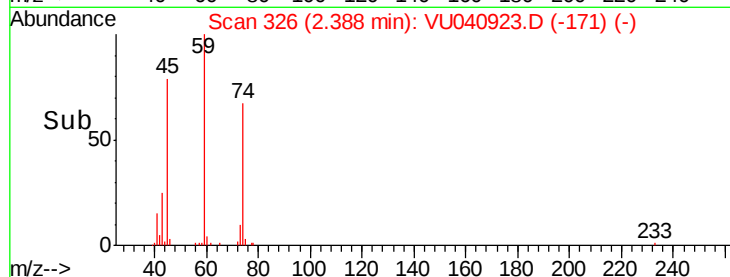
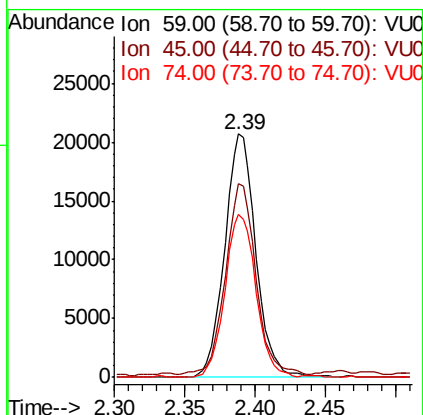
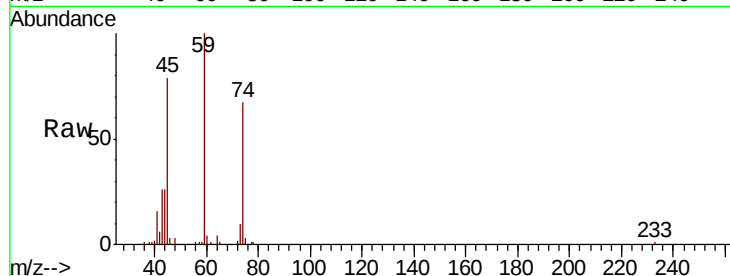




#23
Diethyl Ether
Concen: 2.129 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

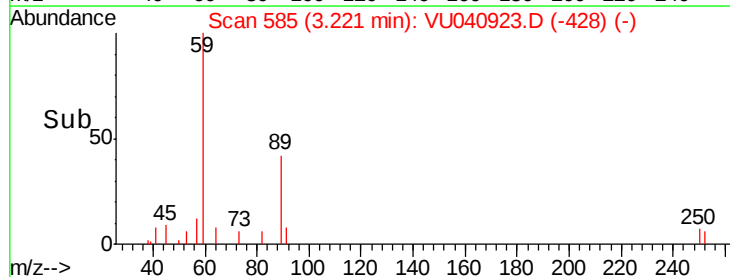
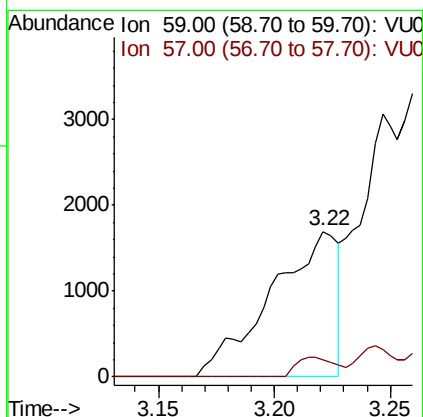
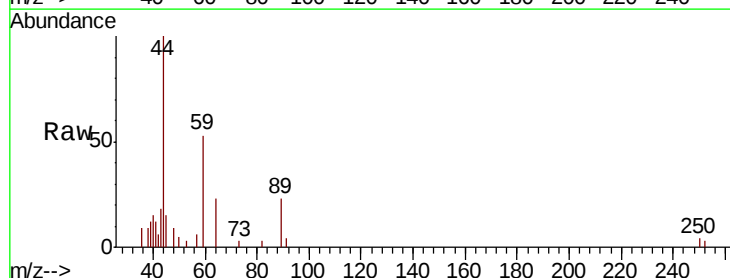
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

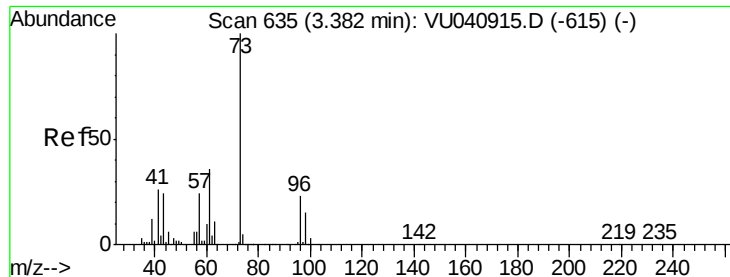
Tot Ion: 59 Resp: 31845
Ion Ratio Lower Upper
59 100
45 76.1 61.4 92.2
74 66.6 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 2.031 ug/l
RT: 3.22 min Scan# 585
Delta R.T. 0.01 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 59 Resp: 3389
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



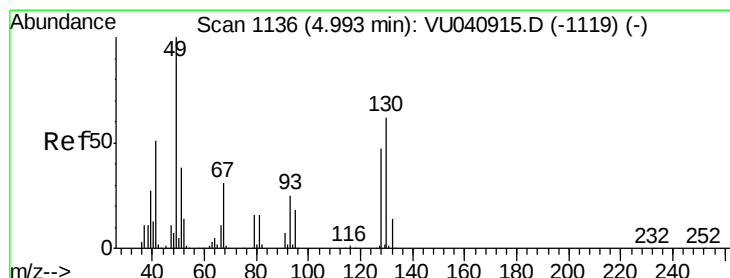
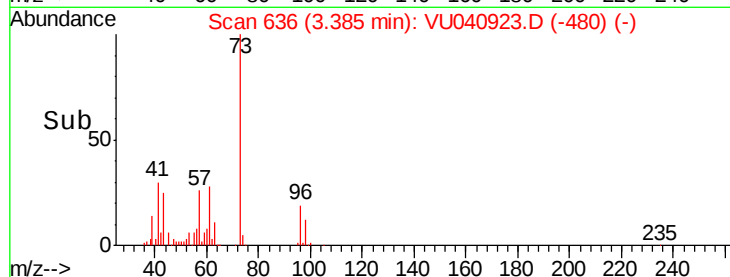
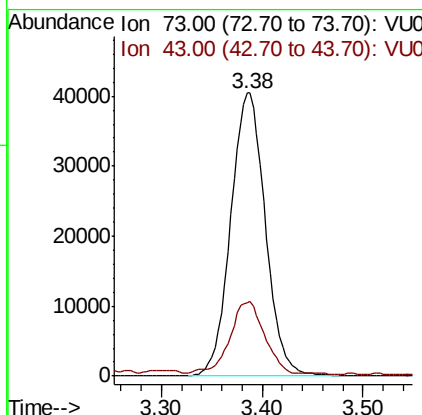
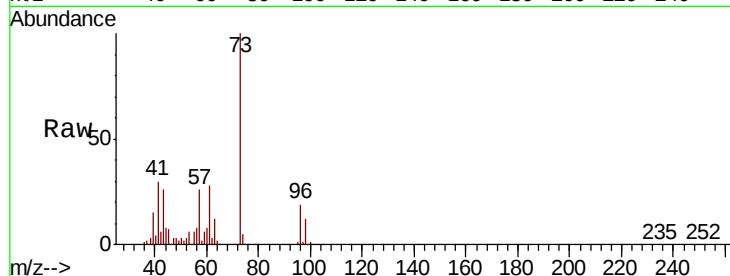


#25

Methyl tert-Butyl Ether
 Concen: 2.051 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

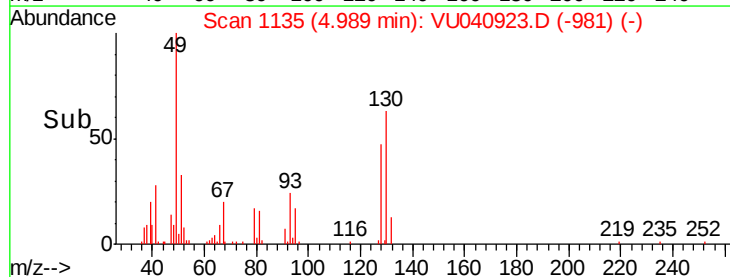
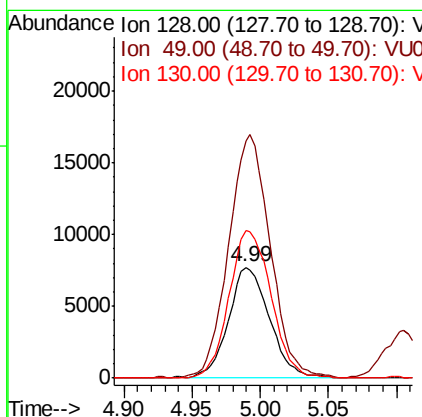
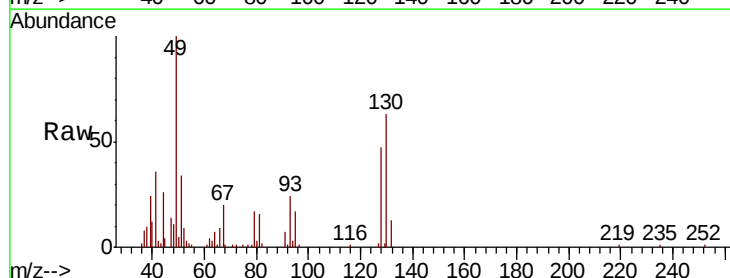
Tot Ion: 73 Resp: 96360
 Ion Ratio Lower Upper
 73 100
 43 25.1 19.0 28.6

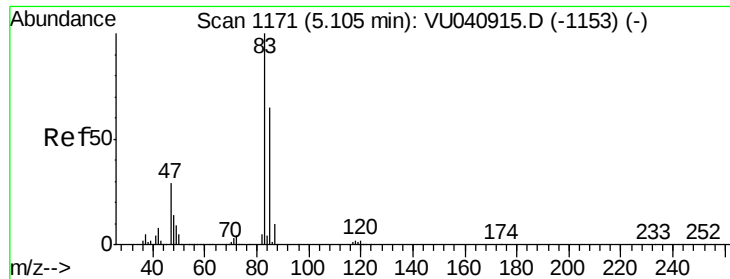


#26

Bromochloromethane
 Concen: 2.037 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 128 Resp: 16200
 Ion Ratio Lower Upper
 128 100
 49 221.7 0.0 426.4
 130 136.3 106.2 159.4

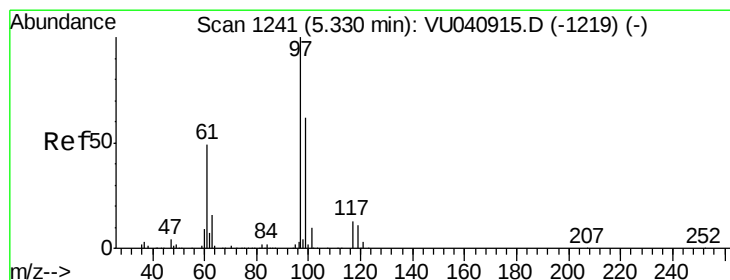
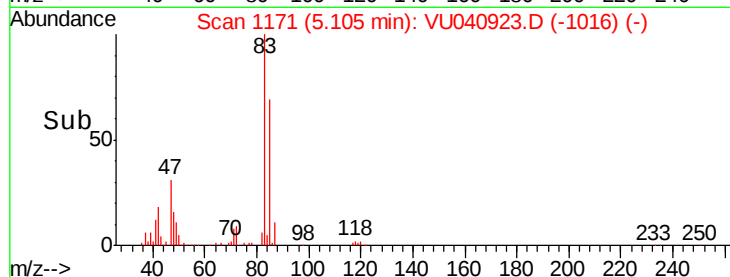
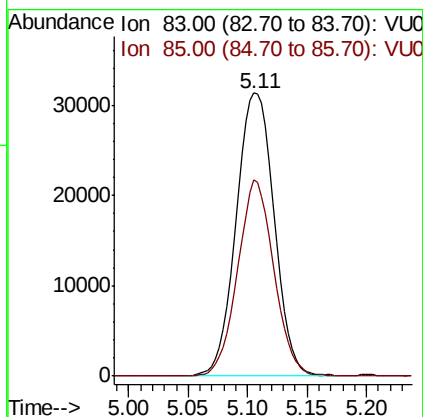
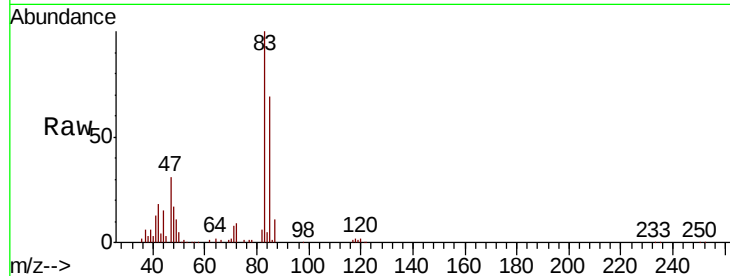




#27
Chloroform
Concen: 2.070 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

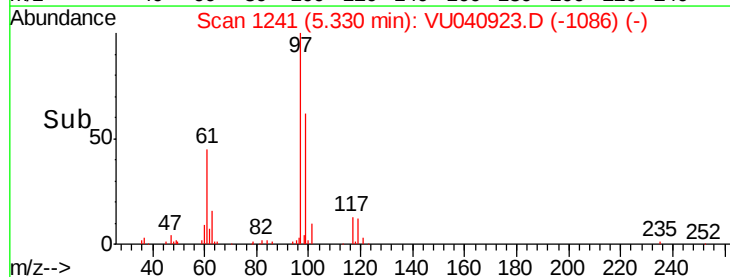
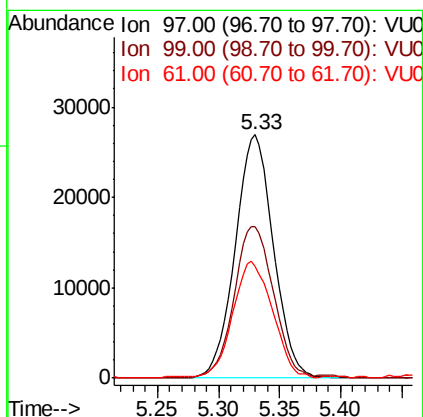
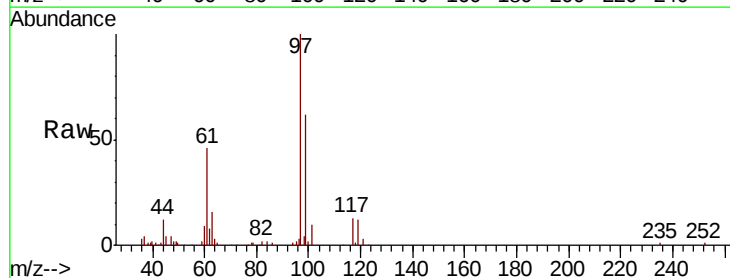
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

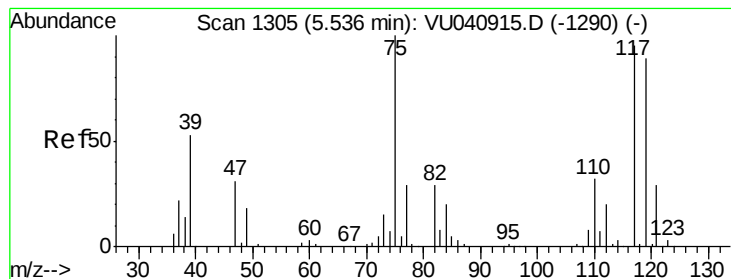
Tot Ion: 83 Resp: 69384
Ion Ratio Lower Upper
83 100
85 69.5 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 2.016 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 97 Resp: 58255
Ion Ratio Lower Upper
97 100
99 64.4 31.4 94.3
61 50.3 24.7 74.1





#29

1,1-Dichloropropene

Concen: 1.969 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

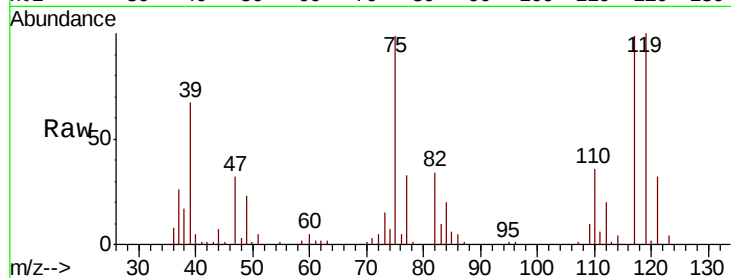
Tot Ion: 75 Resp: 49850

Ion Ratio Lower Upper

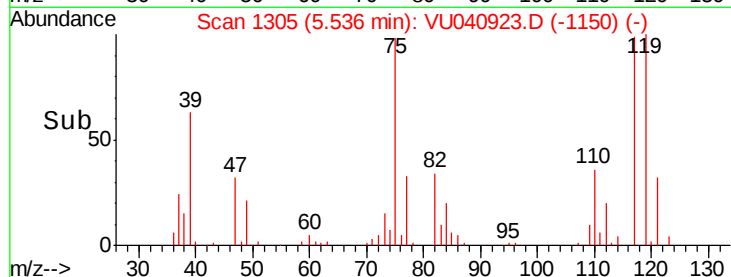
75 100

110 33.1 15.9 47.6

77 32.5 24.2 36.2

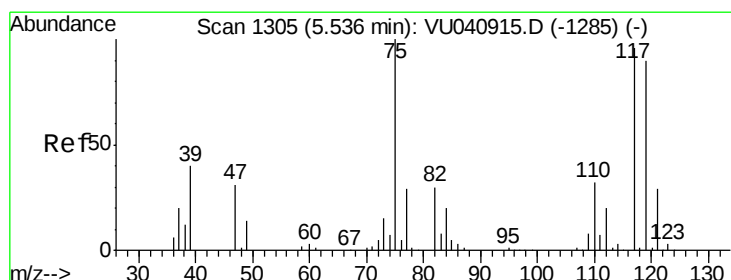
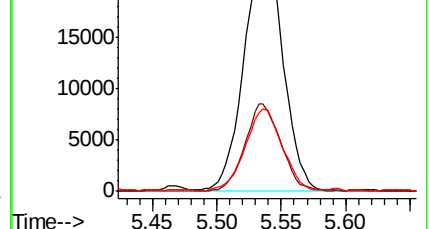


Abundance Ion 75.00 (74.70 to 75.70): VU040915.D (-1290) (-)



Ion 110.00 (109.70 to 110.70): VU040923.D (-1150) (-)

Ion 77.00 (76.70 to 77.70): VU040923.D (-1150) (-)



#30

Carbon Tetrachloride

Concen: 2.016 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

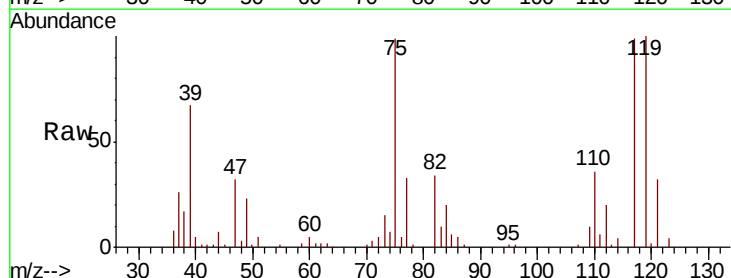
Tgt Ion: 117 Resp: 52737

Ion Ratio Lower Upper

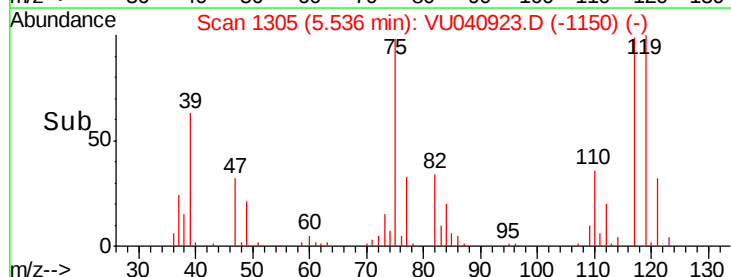
117 100

119 100.7 74.9 112.3

121 32.0 24.1 36.1

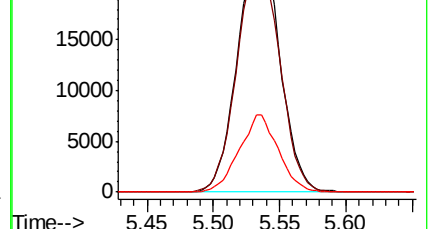


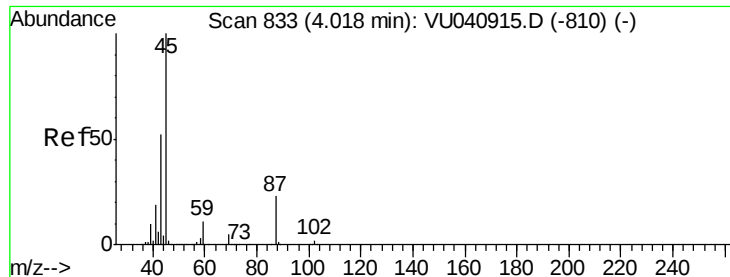
Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)



Ion 119.00 (118.70 to 119.70): VU040923.D (-1150) (-)

Ion 121.00 (120.70 to 121.70): VU040923.D (-1150) (-)





#31

Isopropyl Ether

Concen: 2.001 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

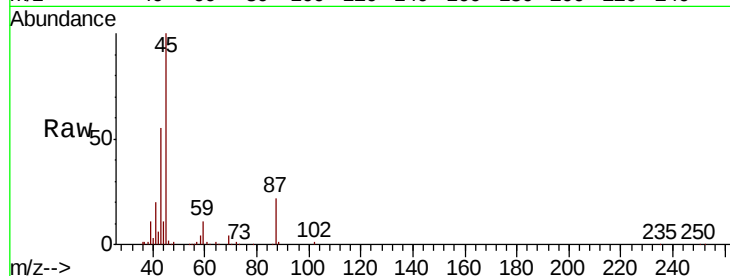
VU1022WBSD01

Tot Ion: 45 Resp: 108525

Ion Ratio Lower Upper

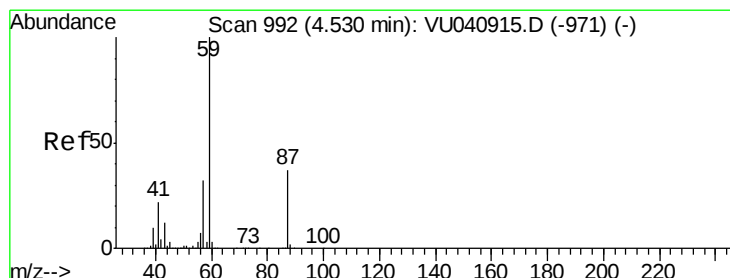
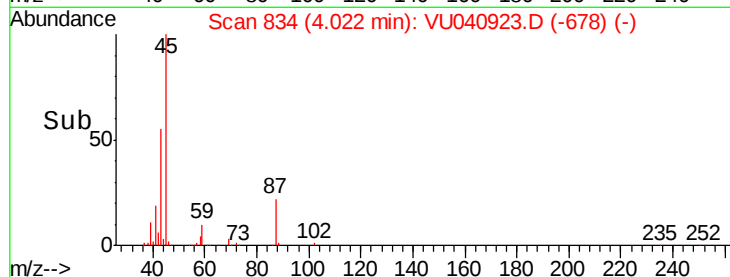
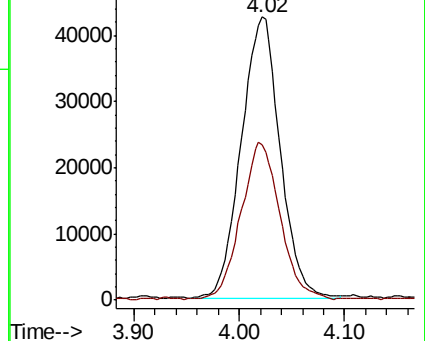
45 100

43 55.8 26.8 80.3



Abundance Ion 45.00 (44.70 to 45.70): VU040923.D (-837) (-)

Ion 43.00 (42.70 to 43.70): VU040923.D (-837) (-)



#32

Ethyl-t-butyl ether

Concen: 2.023 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040923.D

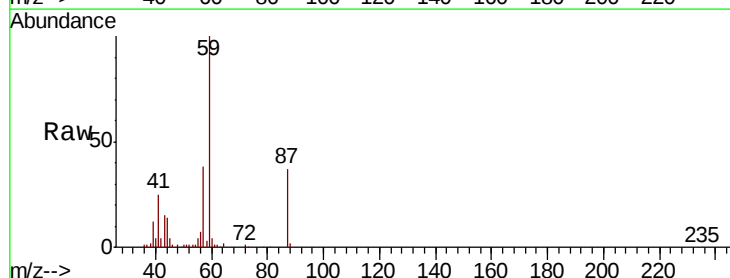
Acq: 23 Oct 2020 01:20

Tgt Ion: 59 Resp: 96605

Ion Ratio Lower Upper

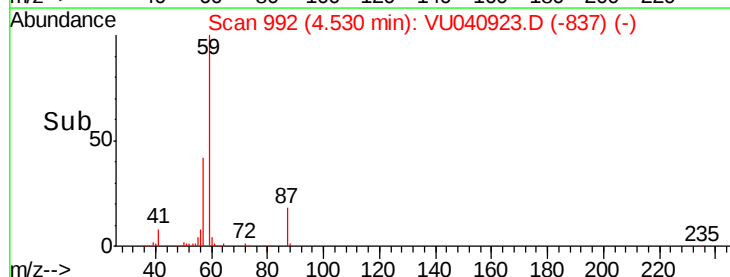
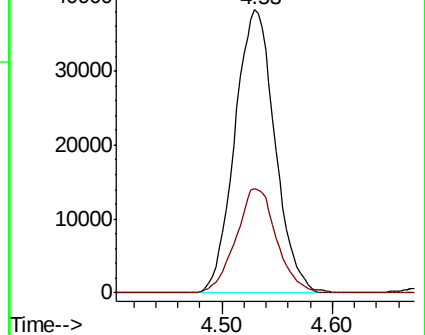
59 100

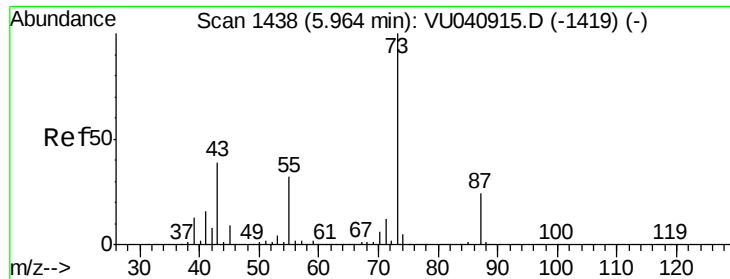
87 37.2 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040923.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040923.D (-837) (-)

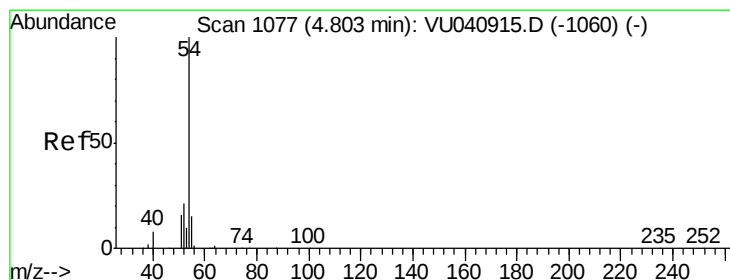
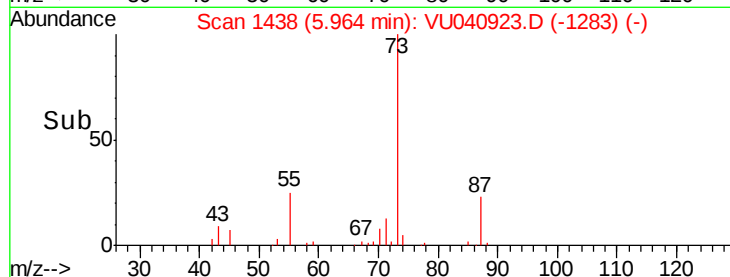
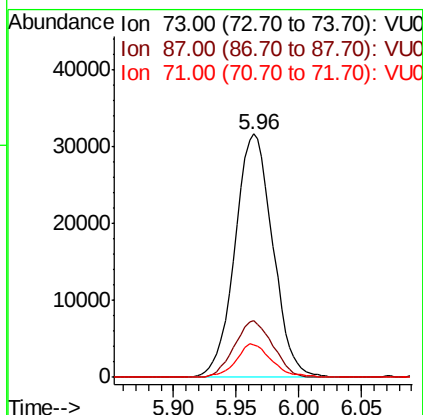
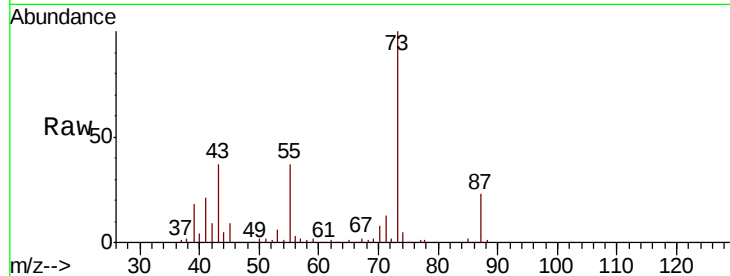




#33
Tert-Butyl methyl ether
Concen: 1.864 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

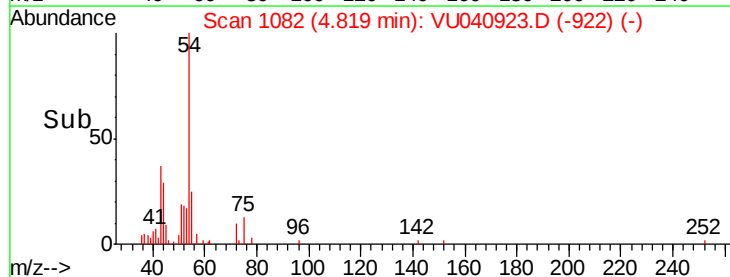
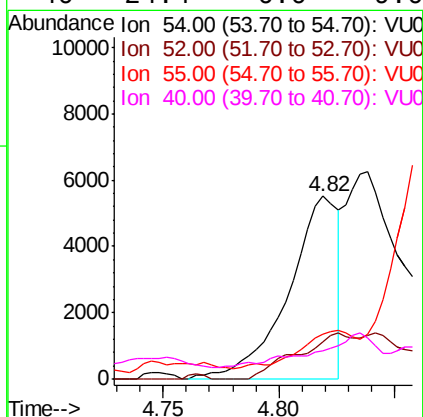
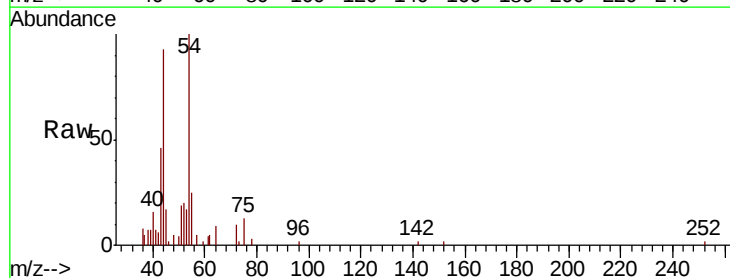
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

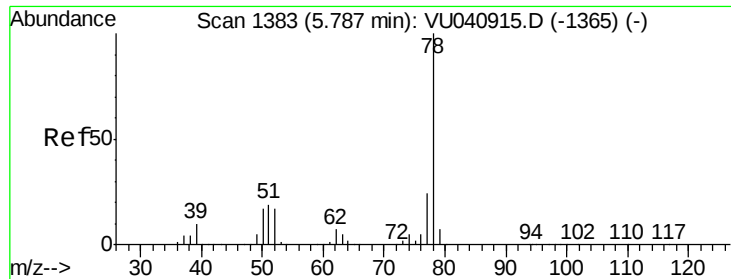
Tot Ion: 73 Resp: 66315
Ion Ratio Lower Upper
73 100
87 23.3 19.0 28.4
71 13.0 9.7 14.5



#34
Propionitrile
Concen: 4.126 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 54 Resp: 8192
Ion Ratio Lower Upper
54 100
52 30.5 15.5 23.3#
55 19.3 12.5 18.7#
40 24.4 6.0 9.0#





#35

Benzene

Concen: 2.001 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

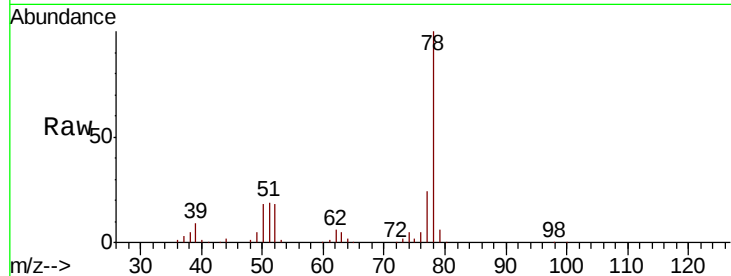
VU1022WBSD01

Tot Ion: 78 Resp: 140409

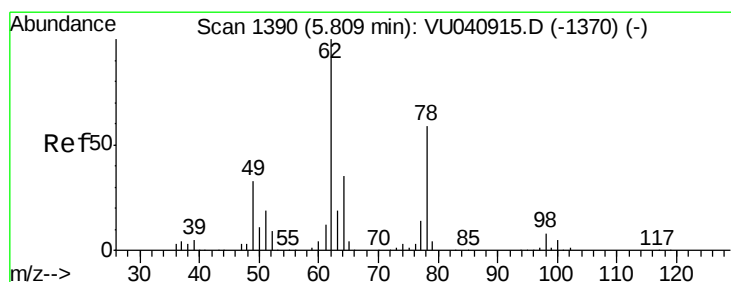
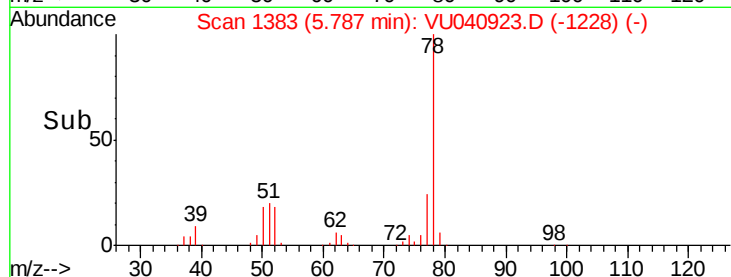
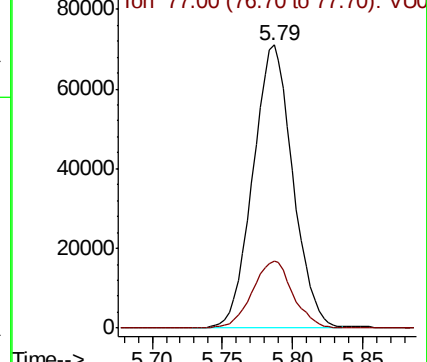
Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040923.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 2.104 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040923.D

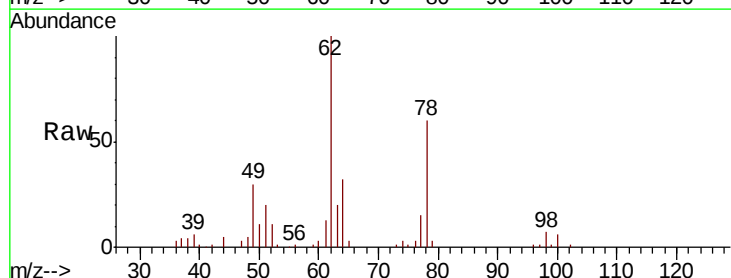
Acq: 23 Oct 2020 01:20

Tgt Ion: 62 Resp: 54735

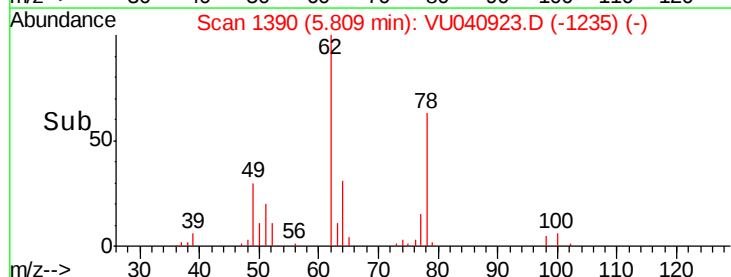
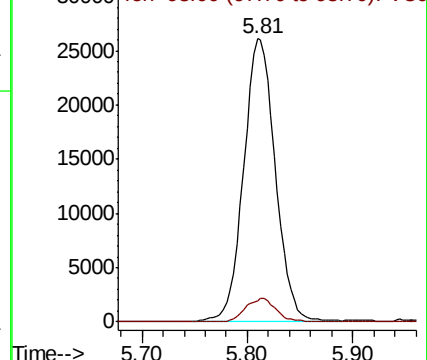
Ion Ratio Lower Upper

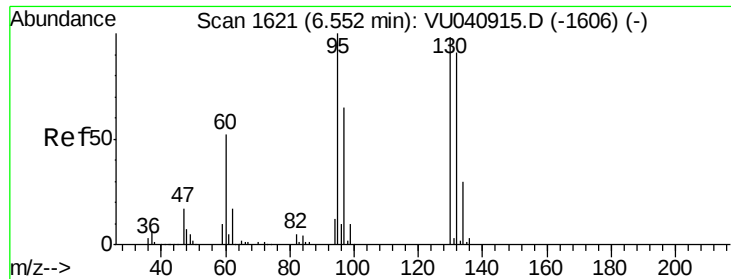
62 100

98 7.8 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040923.D (-1235) (-)

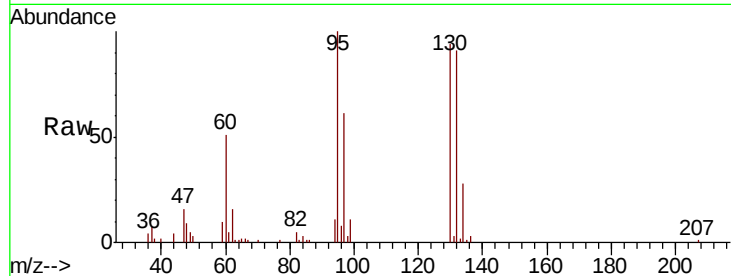




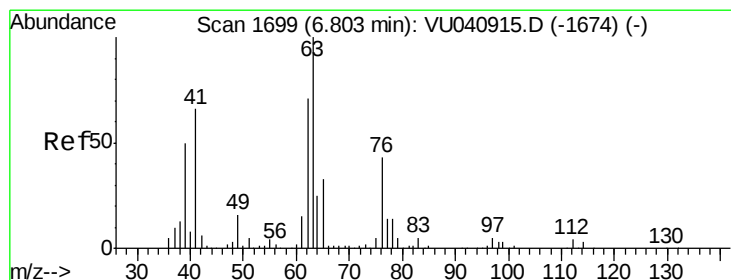
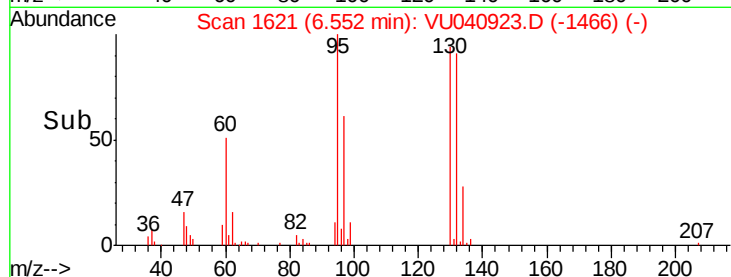
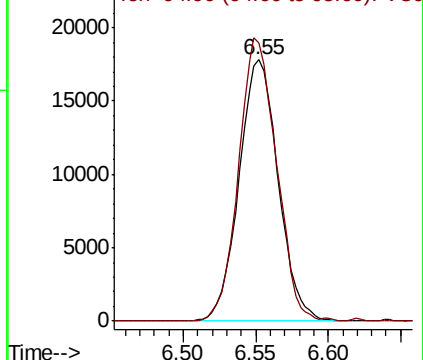
#37
 Trichloroethene
 Concen: 2.021 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion:130 Resp: 33524
 Ion Ratio Lower Upper
 130 100
 95 106.7 81.9 122.9

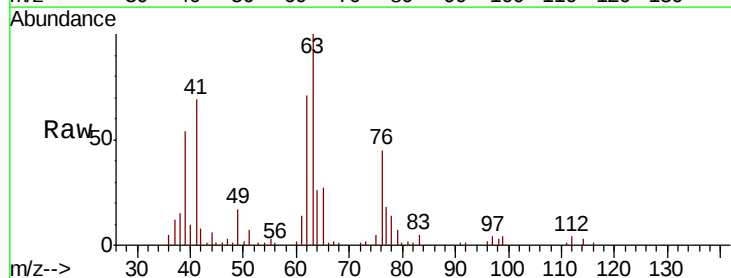


Abundance Ion 129.90 (129.60 to 130.60): VU040915.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040915.D (-1606) (-)

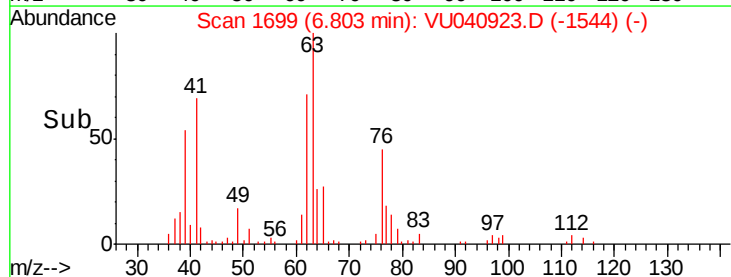
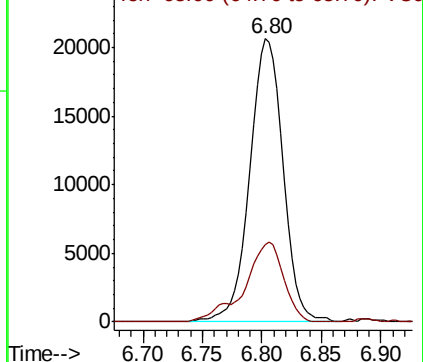


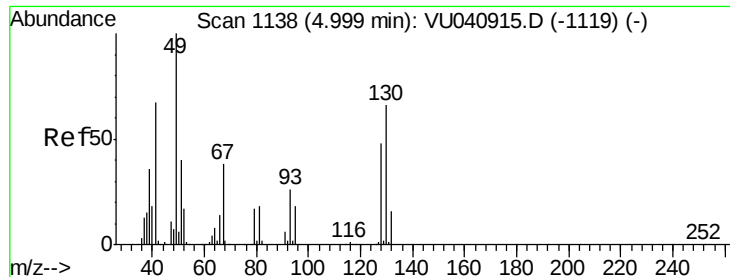
#38
 1,2-Dichloropropane
 Concen: 2.013 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 63 Resp: 40081
 Ion Ratio Lower Upper
 63 100
 65 27.3 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040915.D (-1674) (-)

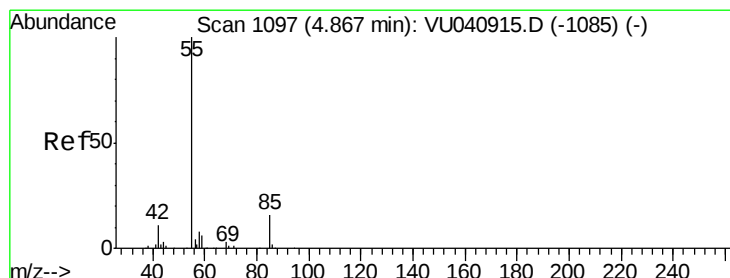
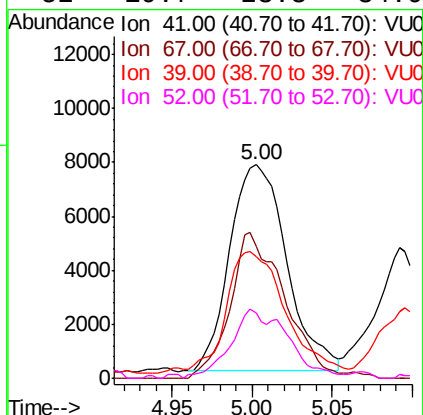
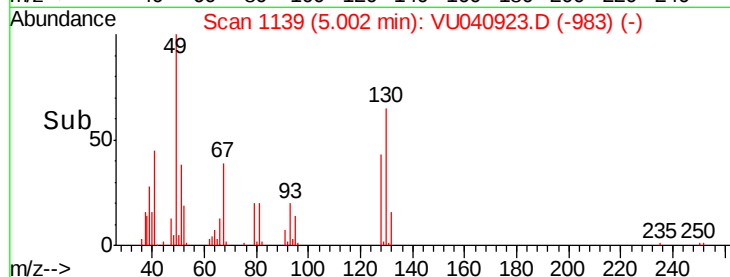
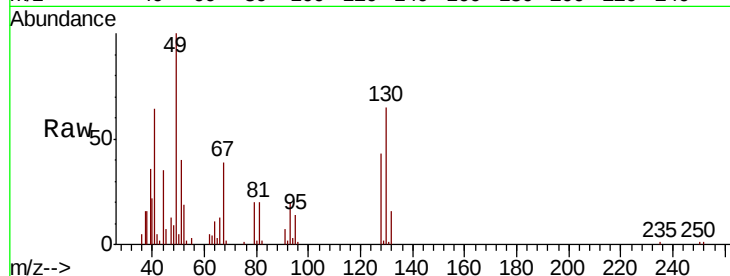




#39
Methacrylonitrile
Concen: 2.012 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

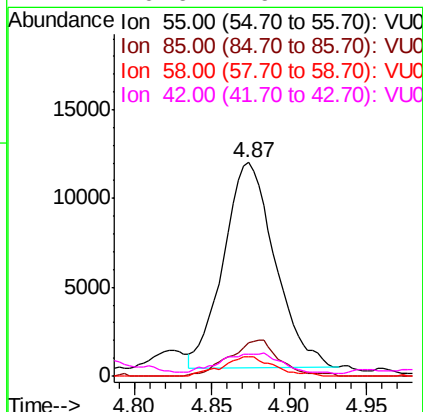
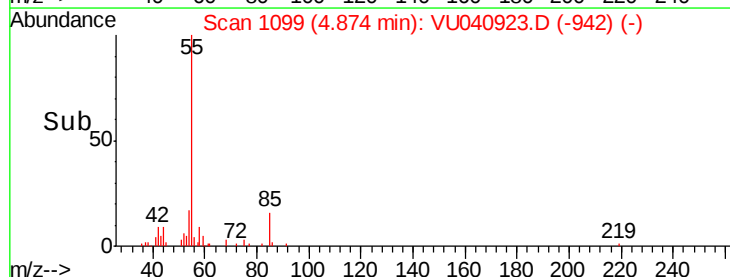
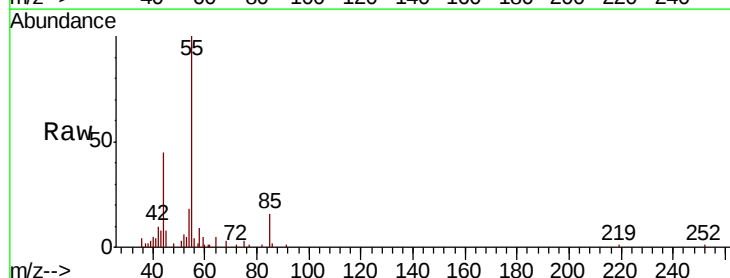
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

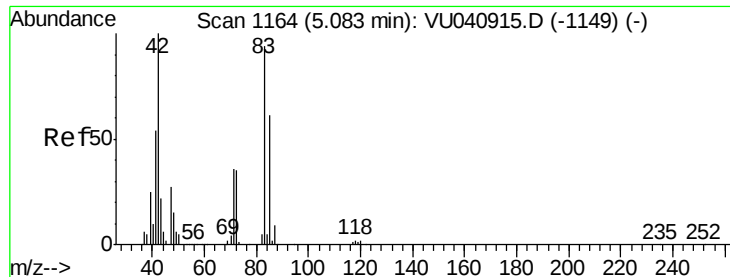
Tot Ion: 41 Resp: 18726
Ion Ratio Lower Upper
41 100
67 67.2 48.7 73.1
39 56.5 44.6 67.0
52 19.7 23.3 34.9#



#40
Methyl acrylate
Concen: 2.079 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 55 Resp: 26533
Ion Ratio Lower Upper
55 100
85 16.8 12.2 18.2
58 9.1 6.8 10.2
42 10.6 9.4 14.2





#41

Tetrahydrofuran

Concen: 3.951 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

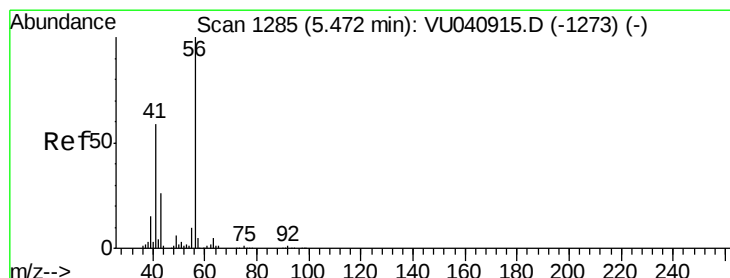
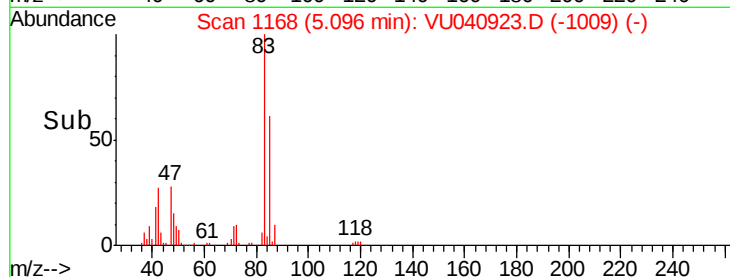
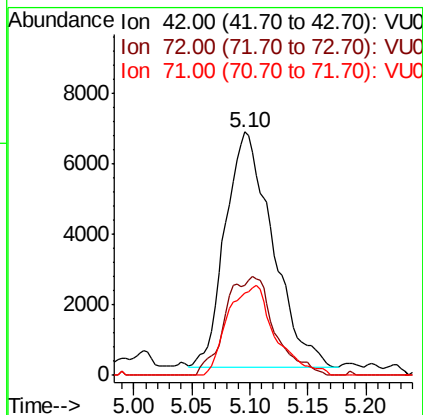
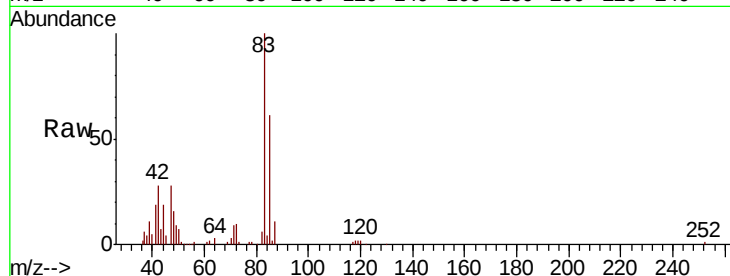
Tot Ion: 42 Resp: 18915

Ion Ratio Lower Upper

42 100

72 16.3 30.1 45.1#

71 38.0 27.9 41.9



#42

1-Chlorobutane

Concen: 2.074 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU040923.D

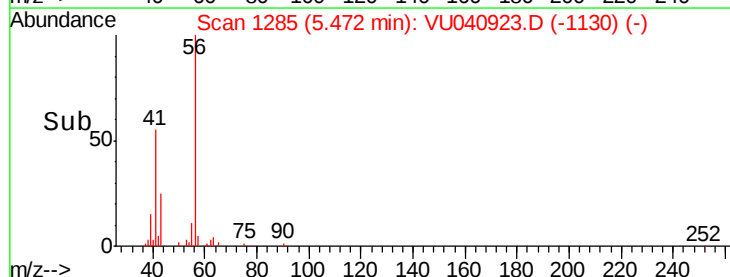
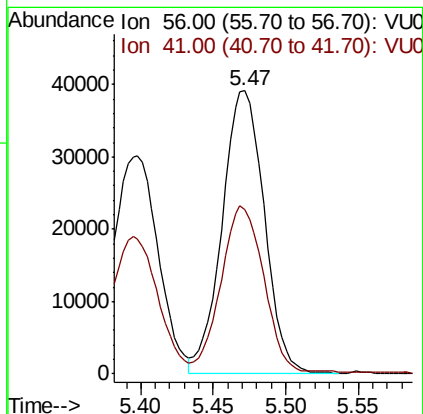
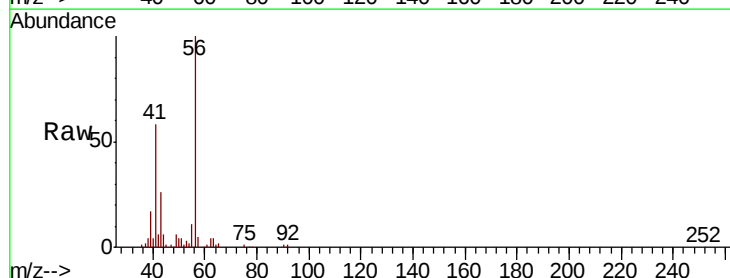
Acq: 23 Oct 2020 01:20

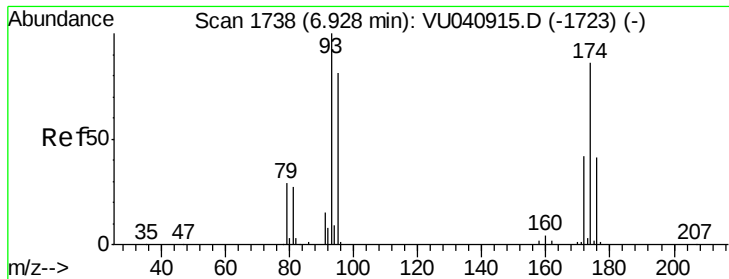
Tgt Ion: 56 Resp: 79387

Ion Ratio Lower Upper

56 100

41 58.4 29.6 88.8





#43

Dibromomethane

Concen: 2.051 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

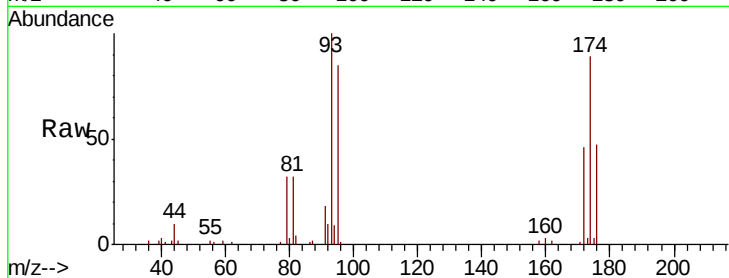
Tot Ion: 93 Resp: 22882

Ion Ratio Lower Upper

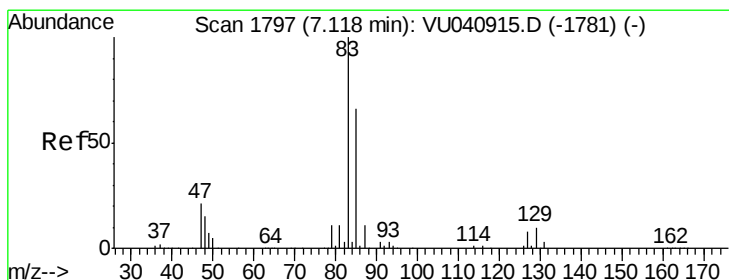
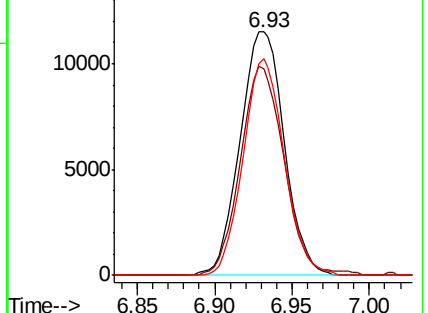
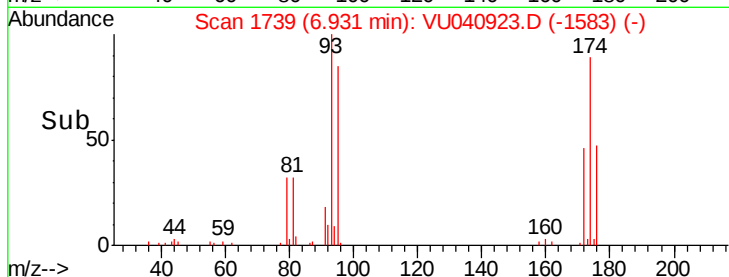
93 100

95 84.8 66.3 99.5

174 82.9 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040923.D (-1723) (-)



#44

Bromodichloromethane

Concen: 2.088 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

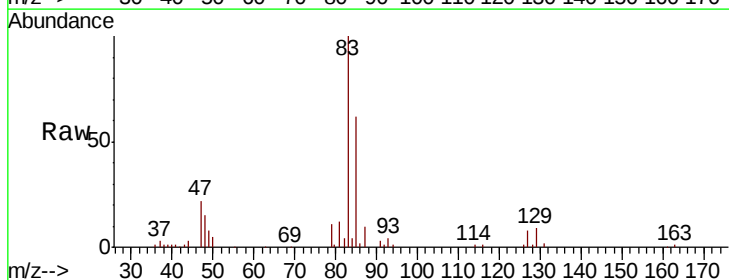
Tgt Ion: 83 Resp: 54085

Ion Ratio Lower Upper

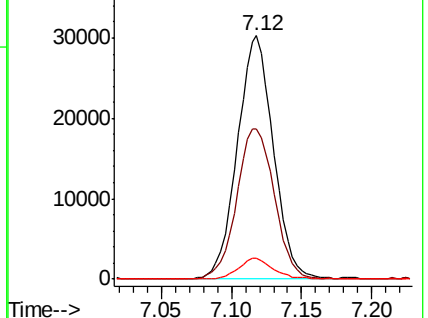
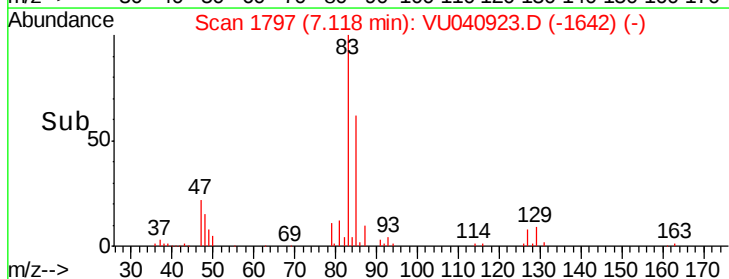
83 100

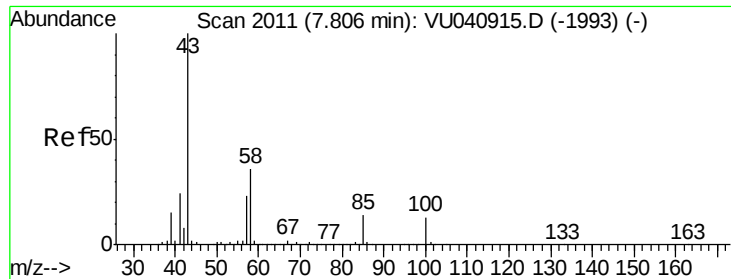
85 61.6 52.6 78.8

127 8.5 6.4 9.6



Abundance Ion 83.00 (82.70 to 83.70): VU040923.D (-1781) (-)

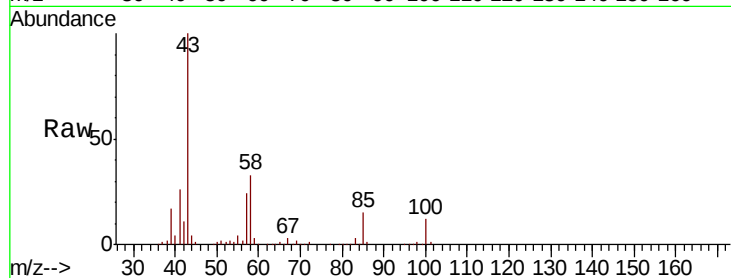




#45
4-Methyl-2-Pentanone
Concen: 9.532 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	43	Resp	139637
Ion Ratio	Lower	Upper	
43	100		
58	32.5	17.8	53.5
85	13.4	11.4	17.2

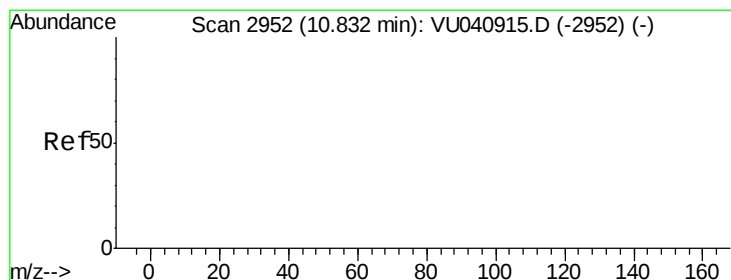
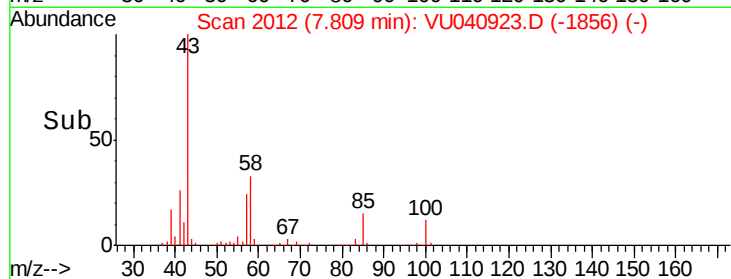
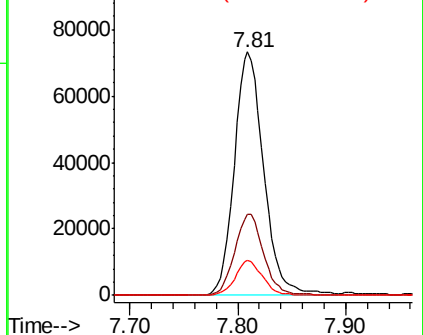


Abundance

Ion 43.00 (42.70 to 43.70): VU0

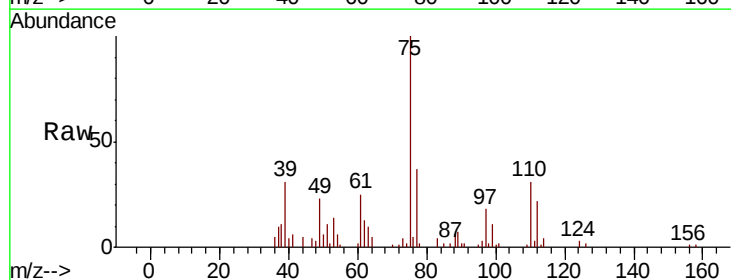
Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
t-1,4-Dichloro-2-butene
Concen: 8.523 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	75	Resp	49374
Ion Ratio	Lower	Upper	
75	100		
53	39.0	73.0	109.4#
89	21.6	41.7	62.5#
88	16.9	34.4	51.6#



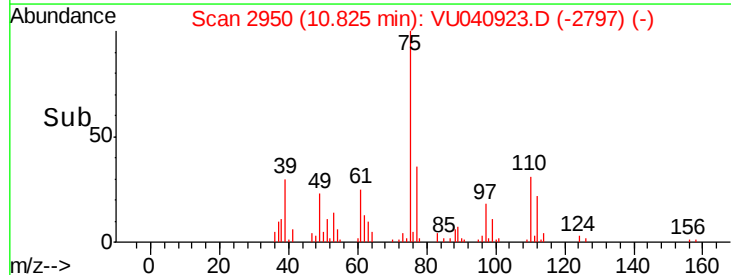
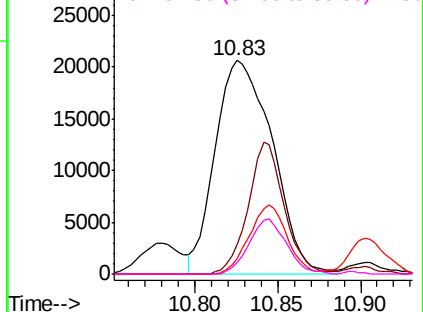
Abundance

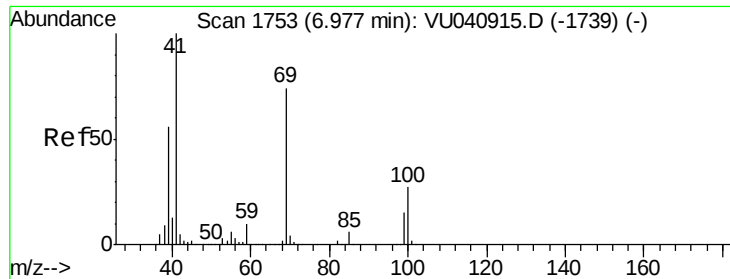
Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

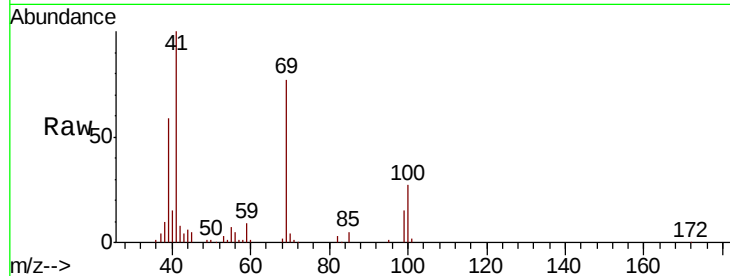




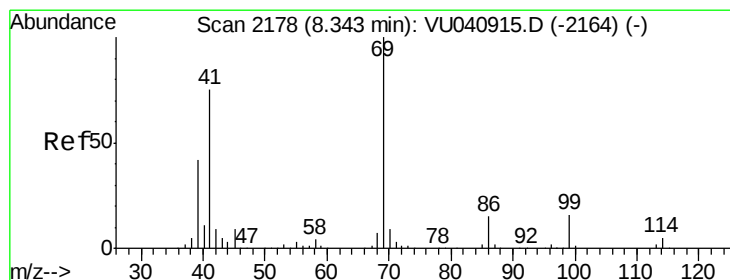
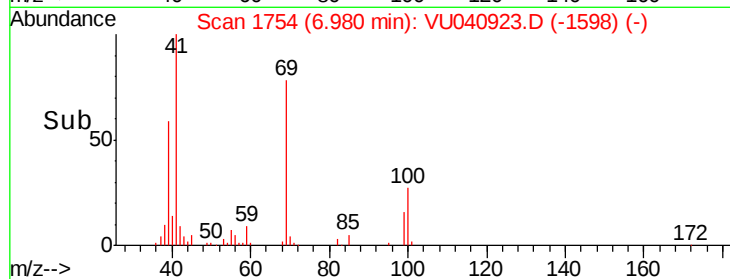
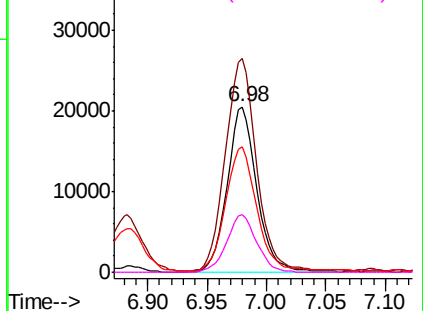
#47
Methyl methacrylate
Concen: 3.808 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion: 69 Resp: 35479
Ion Ratio Lower Upper
69 100
41 133.9 0.0 270.2
39 77.6 61.6 92.4
100 35.0 29.0 43.6

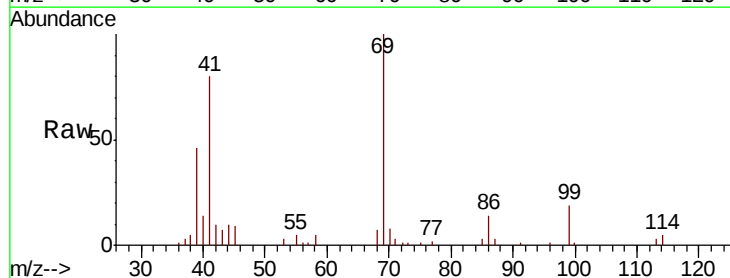


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

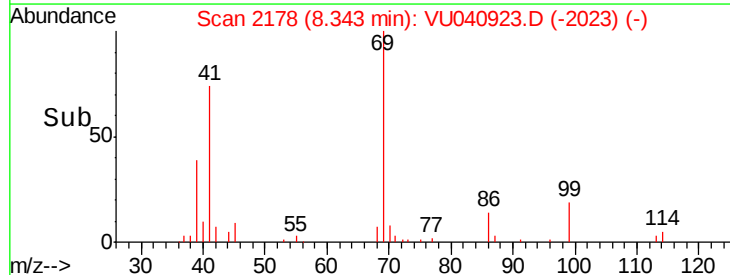
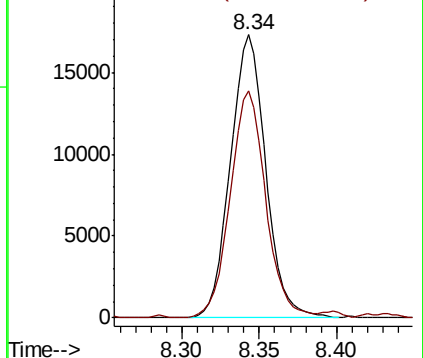


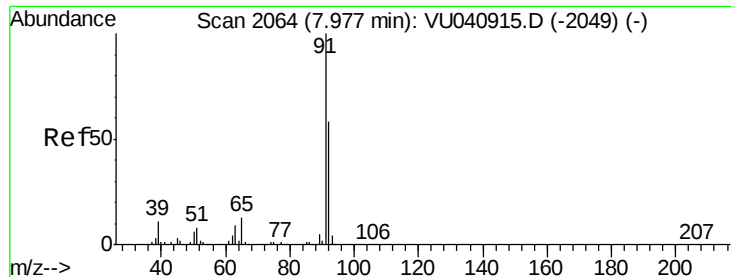
#48
Ethyl methacrylate
Concen: 1.746 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 69 Resp: 27372
Ion Ratio Lower Upper
69 100
41 80.7 37.6 112.9



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.868 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

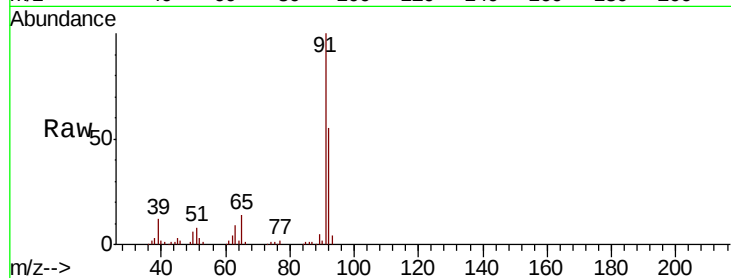
VU1022WBSD01

Tot Ion: 92 Resp: 72082

Ion Ratio Lower Upper

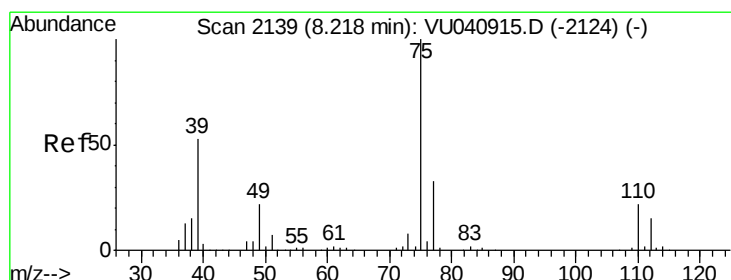
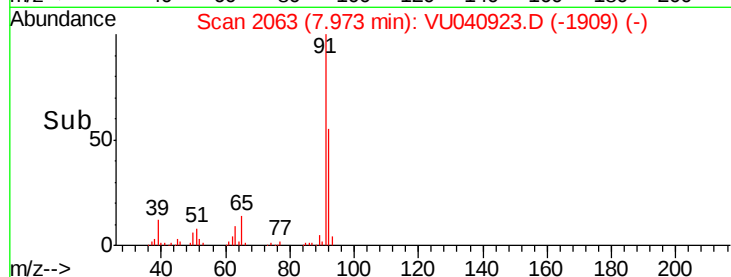
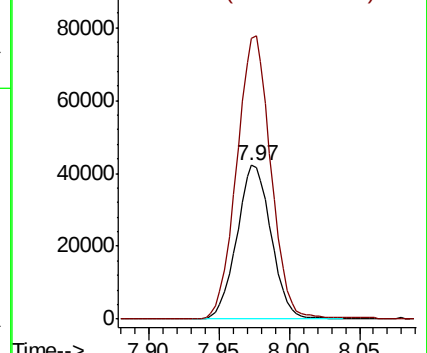
92 100

91 183.0 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.844 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040923.D

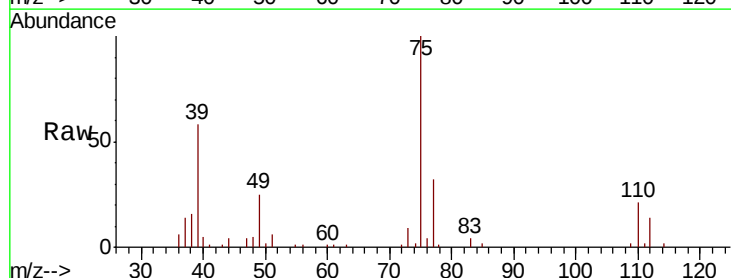
Acq: 23 Oct 2020 01:20

Tgt Ion: 75 Resp: 41297

Ion Ratio Lower Upper

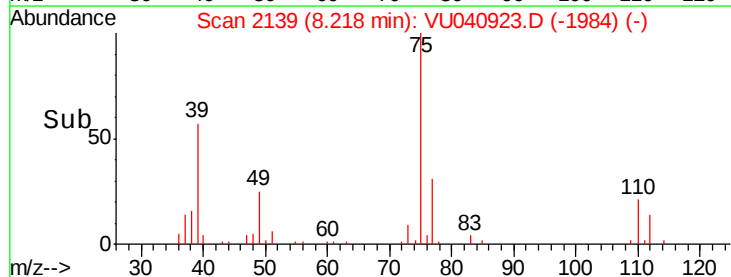
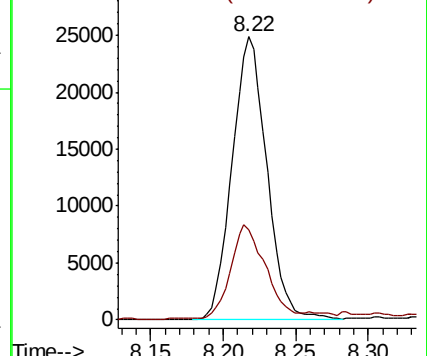
75 100

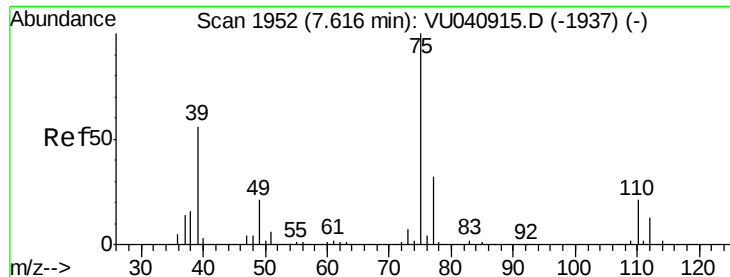
77 31.0 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

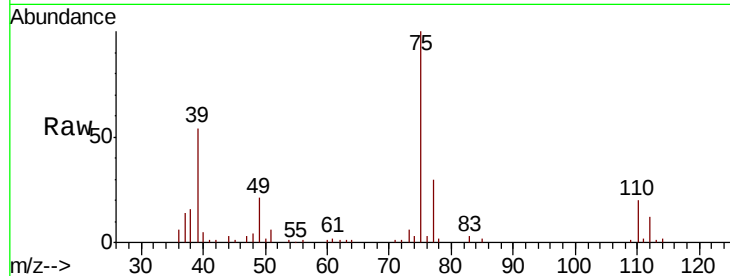




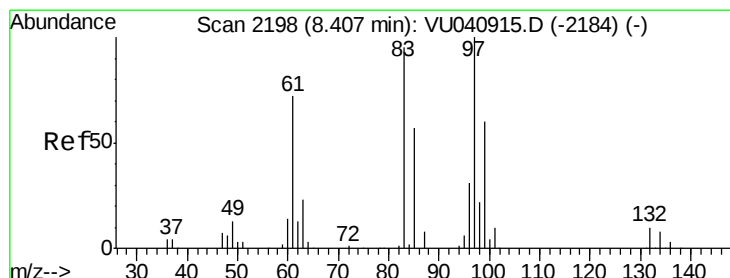
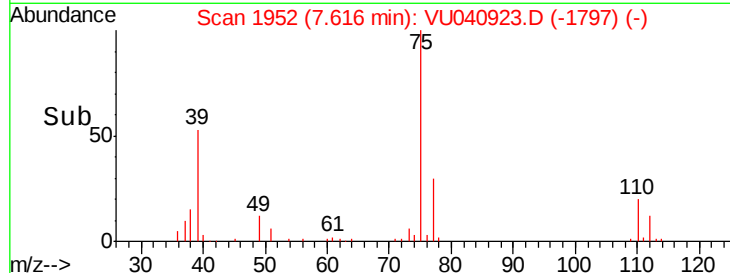
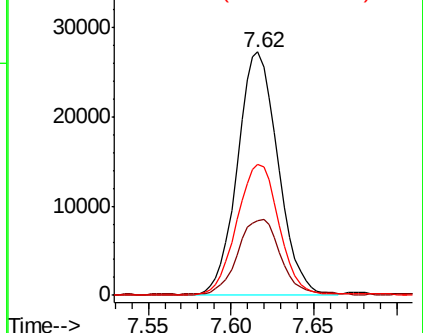
#51
 cis-1,3-Dichloropropene
 Concen: 1.906 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion: 75 Resp: 46775
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 54.1 44.7 67.1



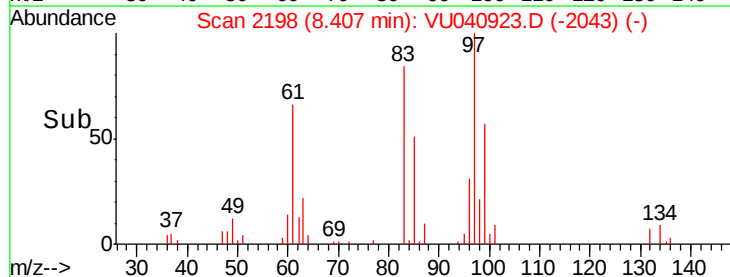
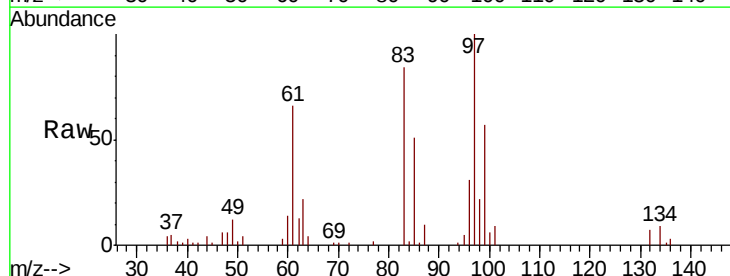
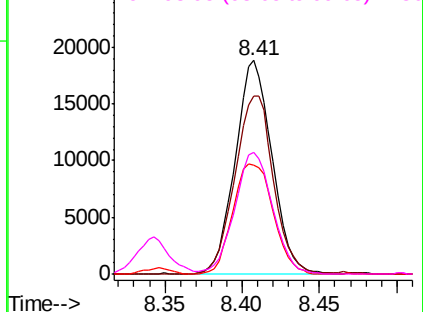
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

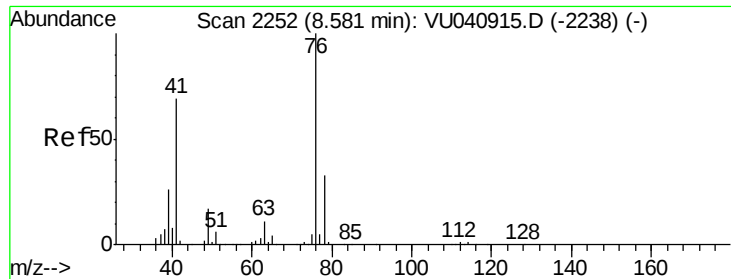


#52
 1,1,2-Trichloroethane
 Concen: 2.203 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 97 Resp: 31076
 Ion Ratio Lower Upper
 97 100
 83 83.6 75.9 113.9
 85 50.8 46.1 69.1
 99 57.1 50.0 75.0

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

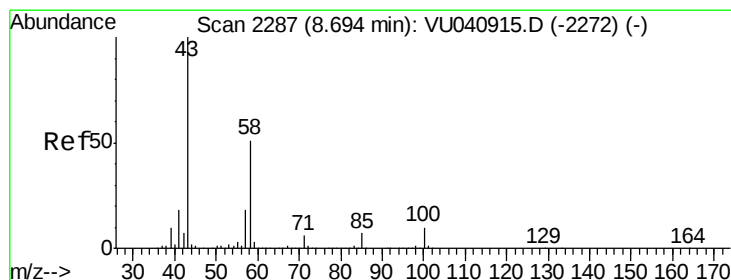
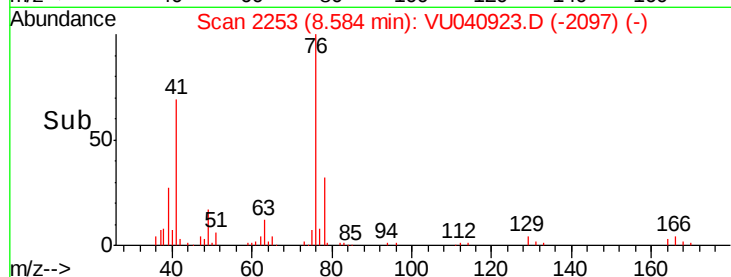
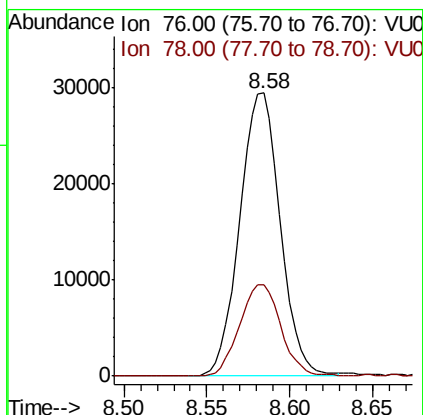
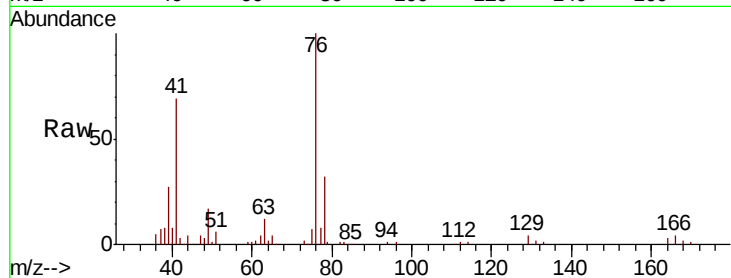




#53
 1,3-Dichloropropane
 Concen: 1.978 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

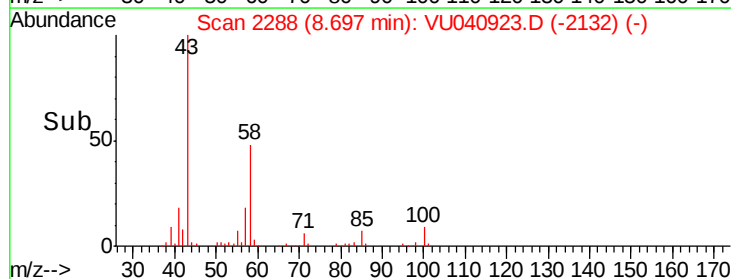
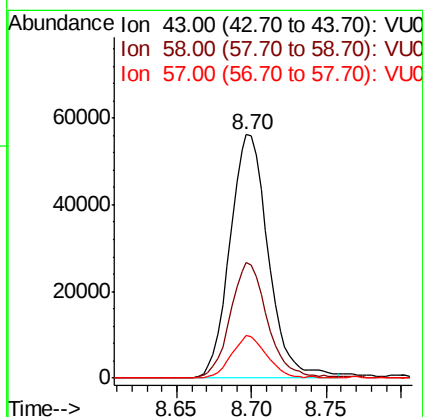
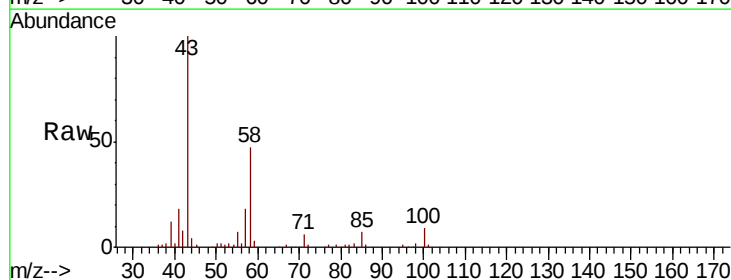
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

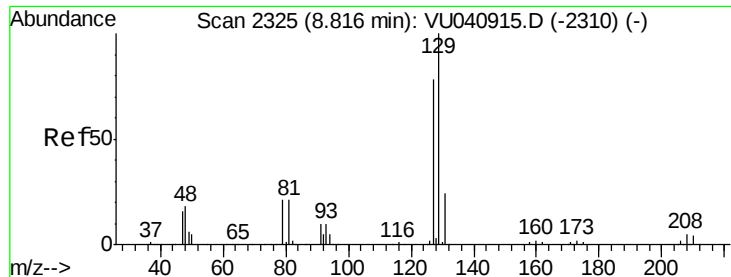
Tot Ion: 76 Resp: 50100
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.6 39.8



#54
 2-Hexanone
 Concen: 9.803 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 43 Resp: 100328
 Ion Ratio Lower Upper
 43 100
 58 46.0 30.2 70.2
 57 16.1 0.0 37.4





#55

Dibromochloromethane

Concen: 2.030 ug/l

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

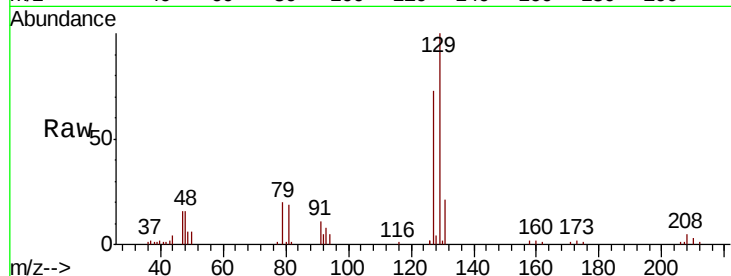
VU1022WBSD01

Tot Ion:129 Resp: 34333

Ion Ratio Lower Upper

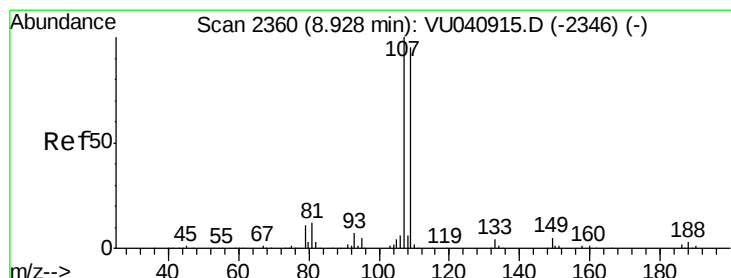
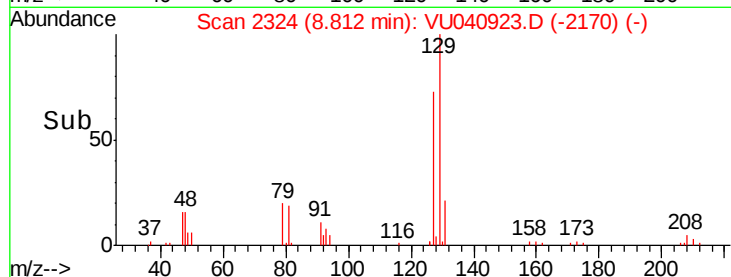
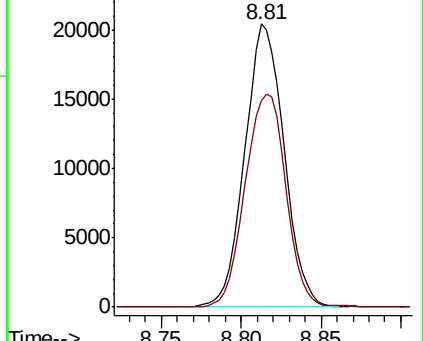
129 100

127 78.2 63.1 94.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.086 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040923.D

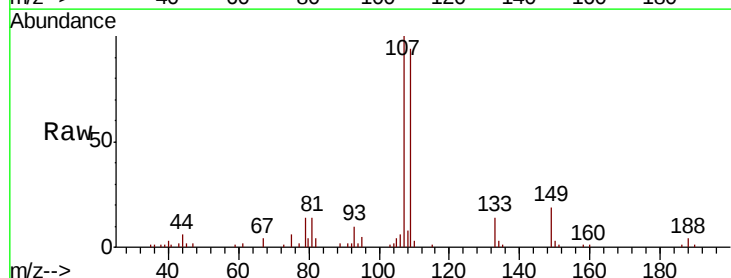
Acq: 23 Oct 2020 01:20

Tgt Ion:107 Resp: 27286

Ion Ratio Lower Upper

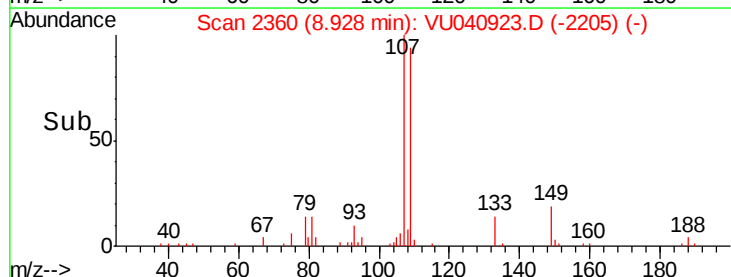
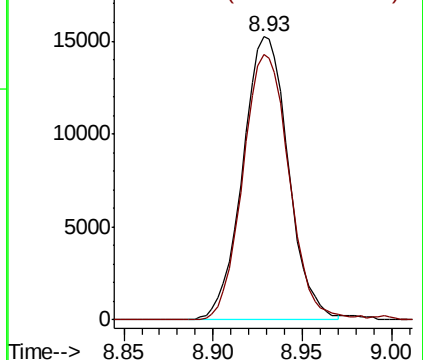
107 100

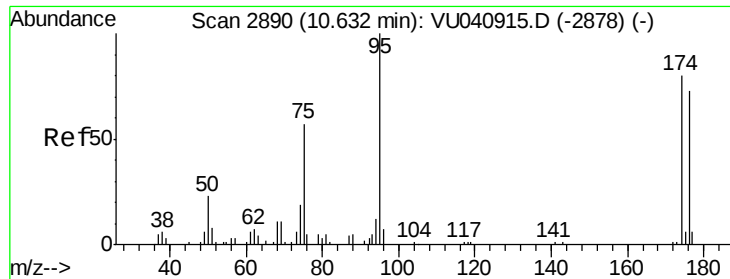
109 94.7 0.0 190.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

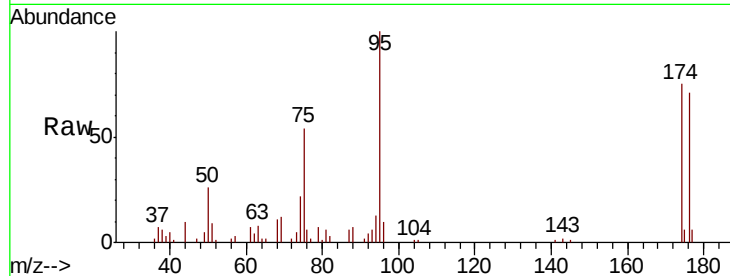




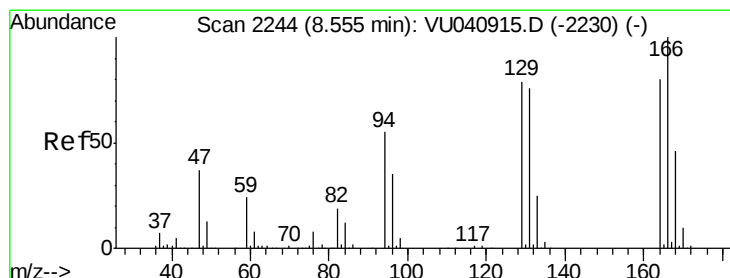
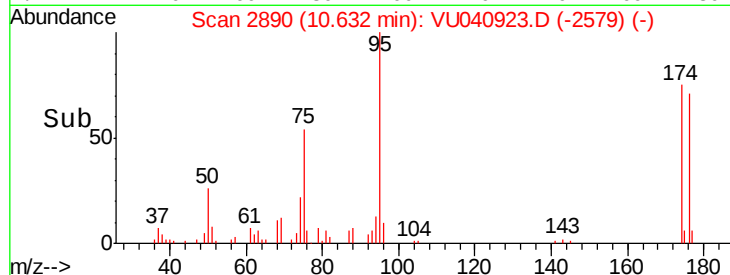
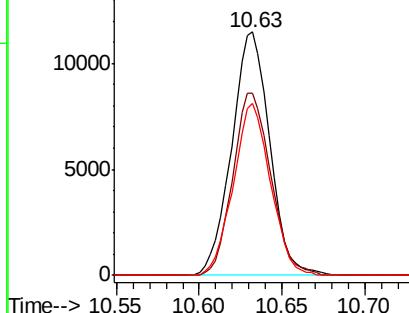
#57
 4-Bromofluorobenzene
 Concen: 0.918 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion: 95 Resp: 18336
 Ion Ratio Lower Upper
 95 100
 174 74.8 60.3 90.5
 176 68.7 55.6 83.4

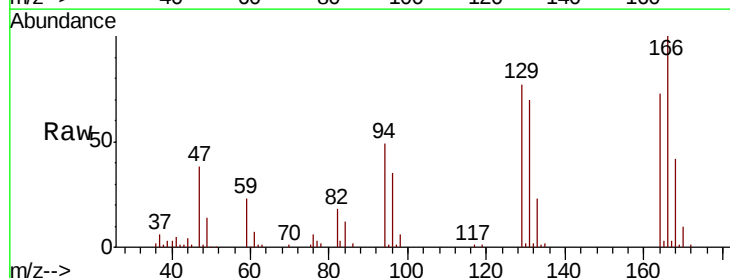


Abundance Ion 95.00 (94.70 to 95.70): VU
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V

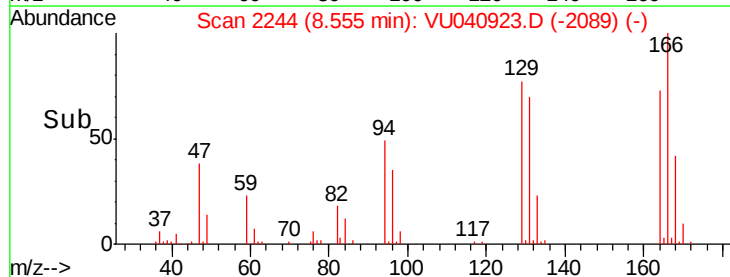
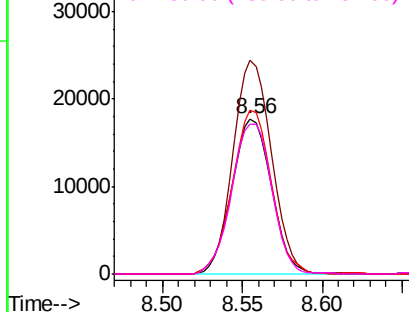


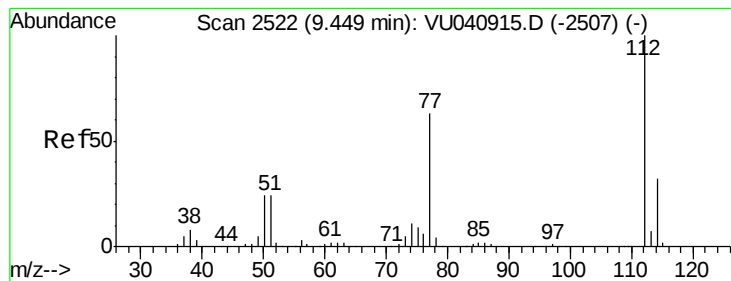
#58
 Tetrachloroethene
 Concen: 1.927 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 164 Resp: 29880
 Ion Ratio Lower Upper
 164 100
 166 137.3 100.3 150.5
 129 105.5 79.4 119.0
 131 96.0 76.2 114.4



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: 1.887 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

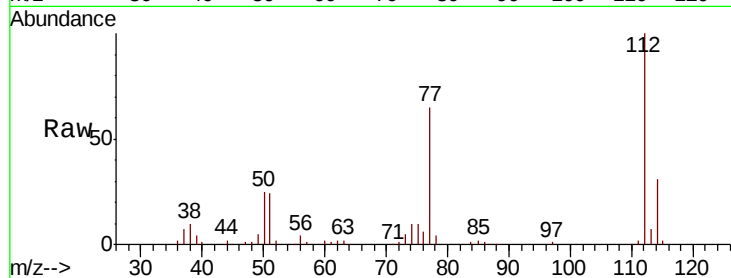
VU1022WBSD01

Tot Ion:112 Resp: 77095

Ion Ratio Lower Upper

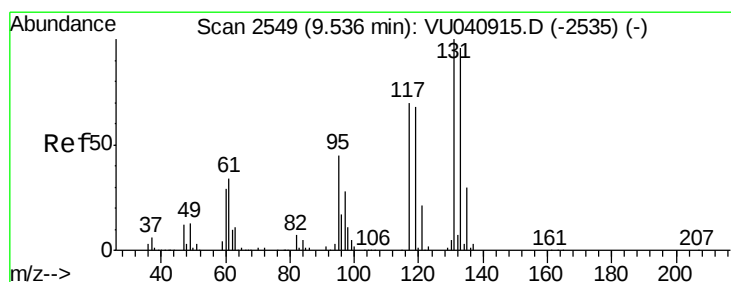
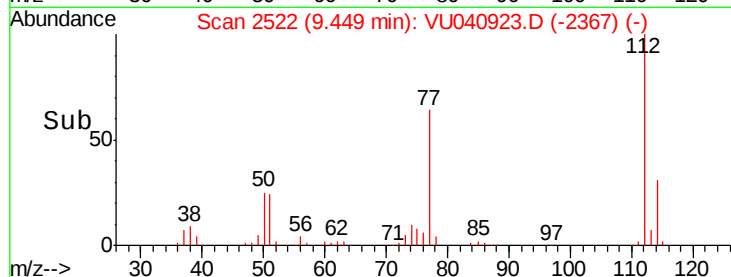
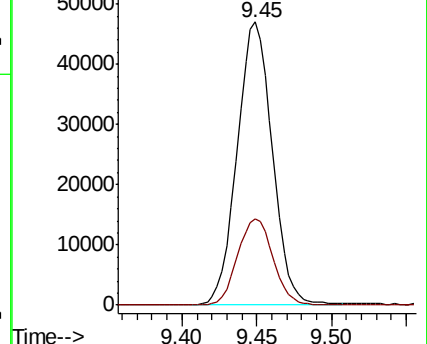
112 100

114 30.6 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.009 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

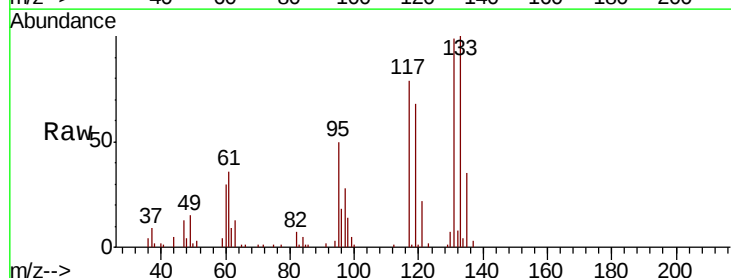
Tgt Ion:131 Resp: 32254

Ion Ratio Lower Upper

131 100

133 94.1 77.4 116.0

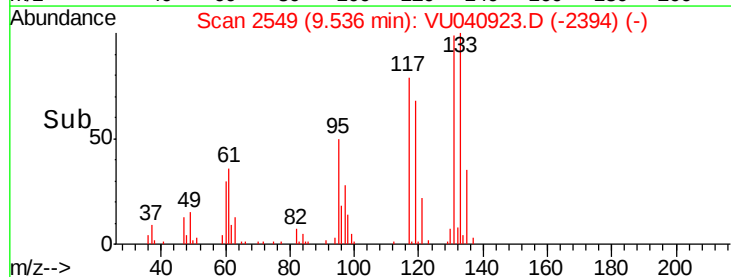
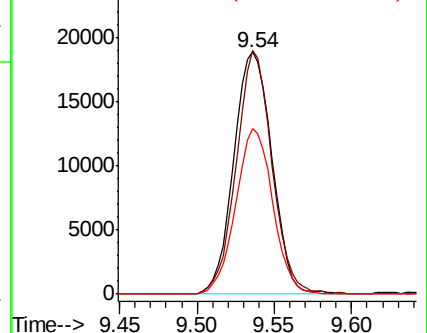
119 66.2 53.5 80.3

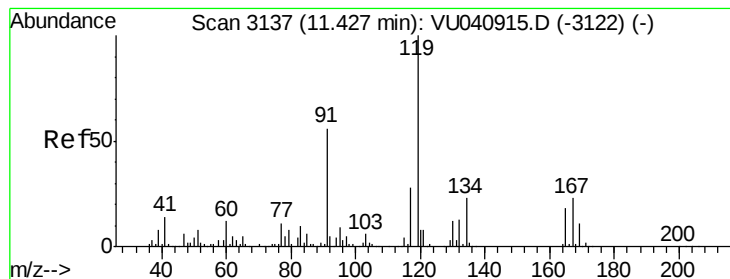


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 2.062 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

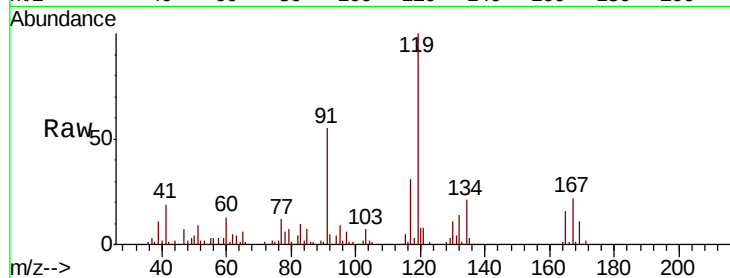
VU1022WBSD01

Tot Ion:117 Resp: 26742

Ion Ratio Lower Upper

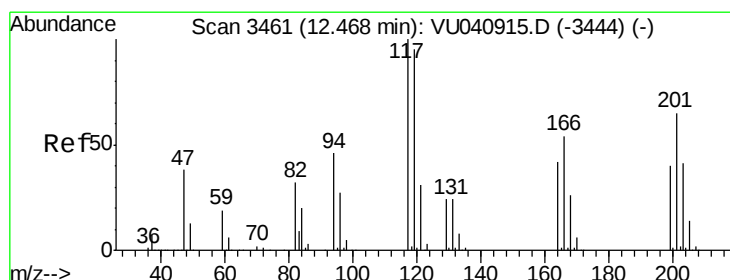
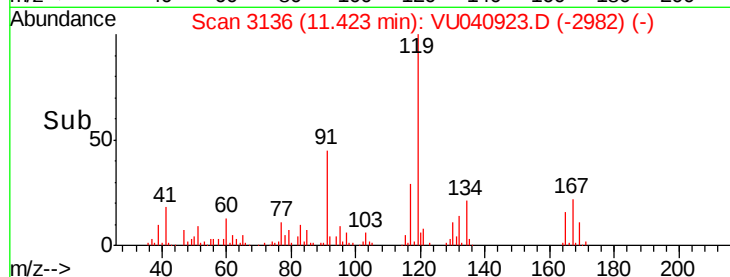
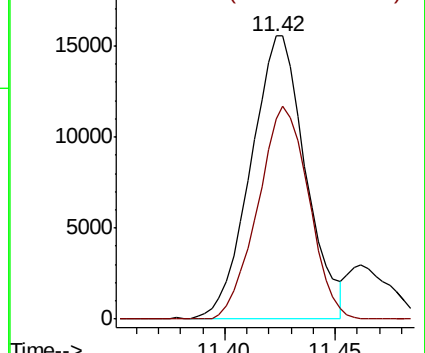
117 100

167 69.7 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.061 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040923.D

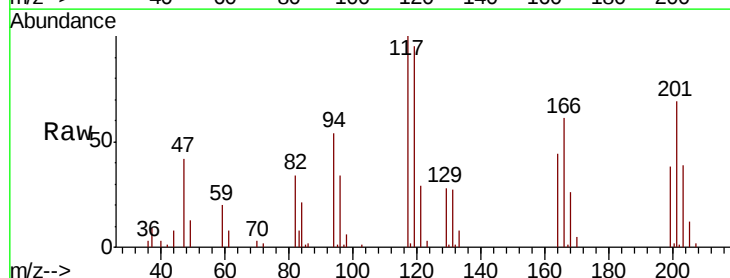
Acq: 23 Oct 2020 01:20

Tgt Ion:117 Resp: 27205

Ion Ratio Lower Upper

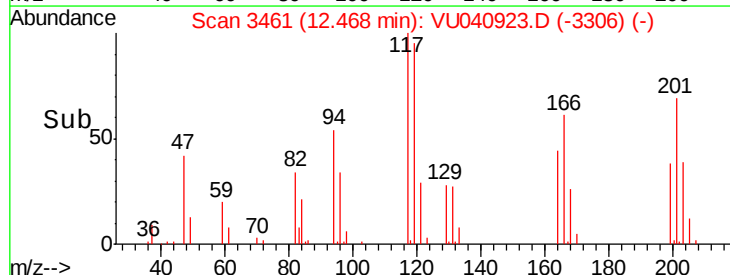
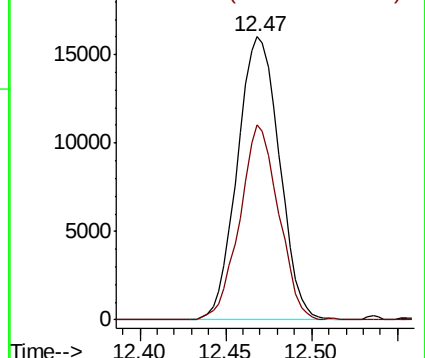
117 100

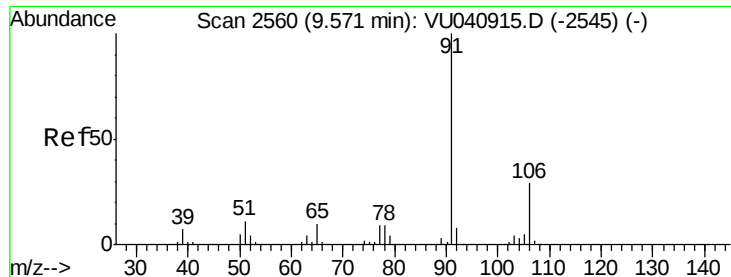
201 63.5 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

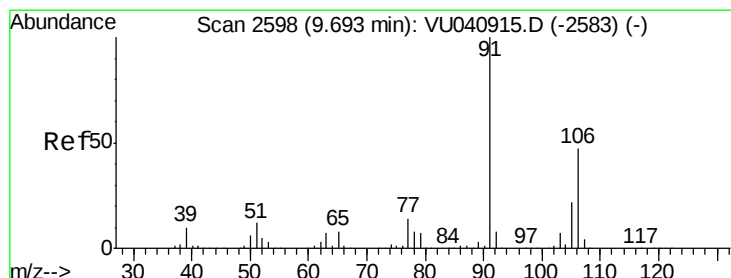
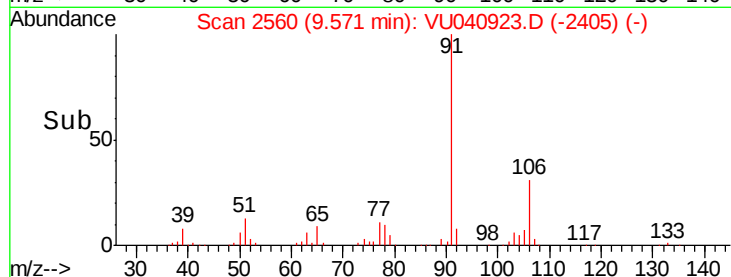
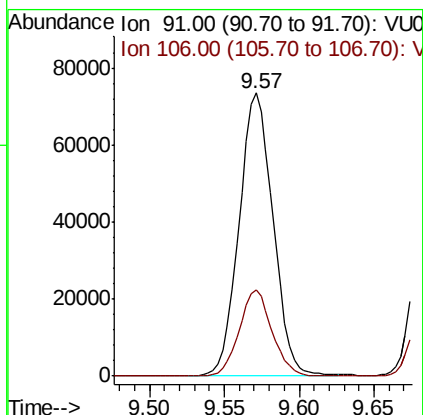
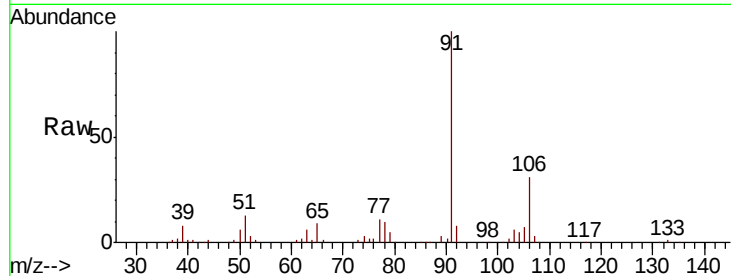




#63
Ethyl Benzene
Concen: 1.714 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

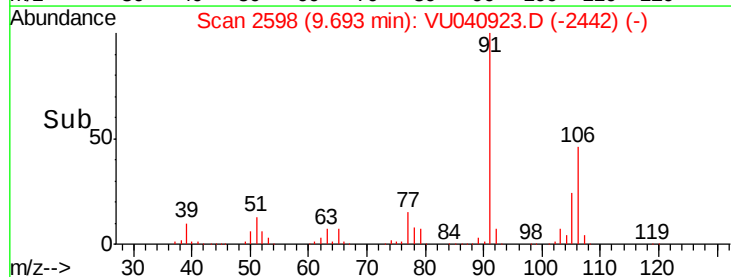
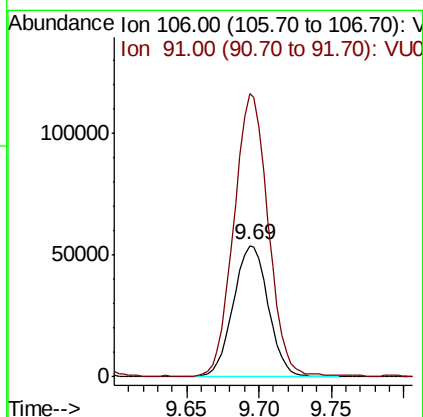
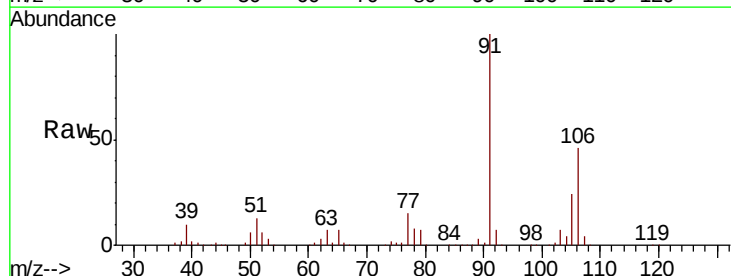
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

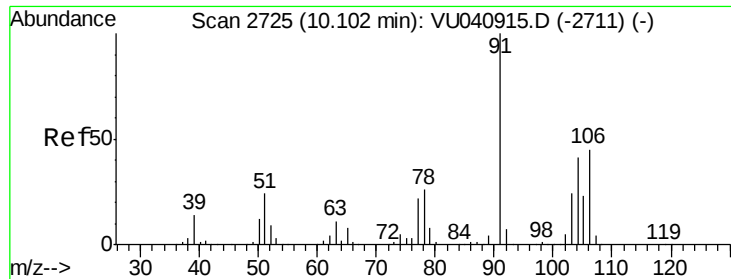
Tot Ion: 91 Resp: 116013
Ion Ratio Lower Upper
91 100
106 30.6 23.5 35.3



#64
m/p-Xylenes
Concen: 3.394 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion: 106 Resp: 90680
Ion Ratio Lower Upper
106 100
91 210.2 168.3 252.5

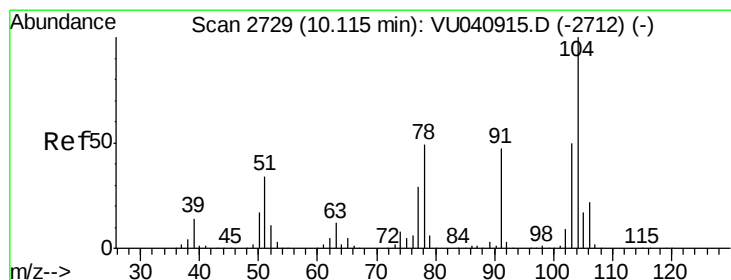
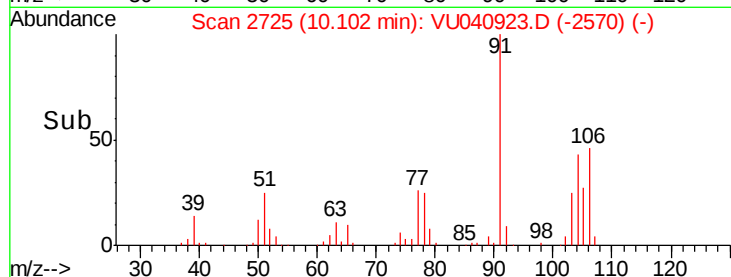
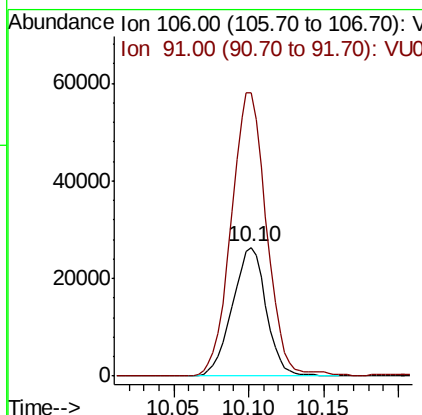
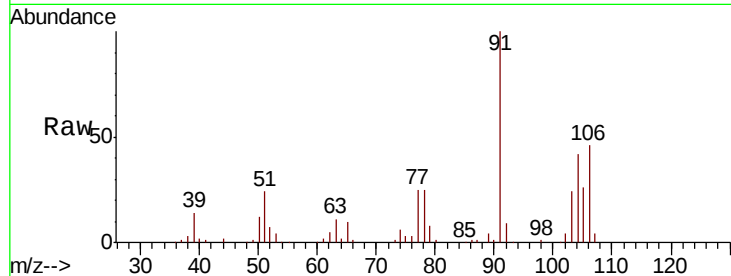




#65
o-Xylene
Concen: 1.752 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

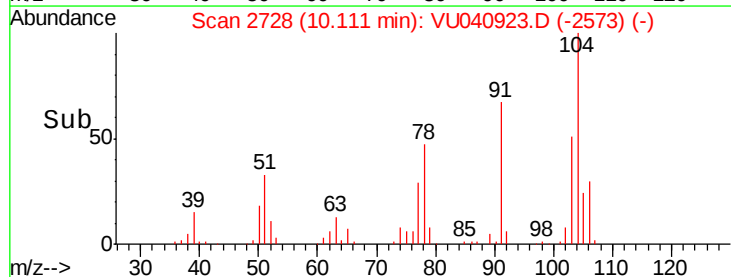
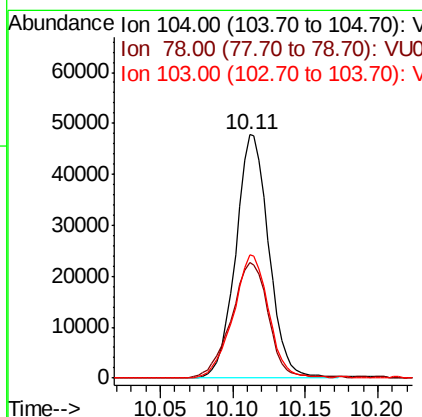
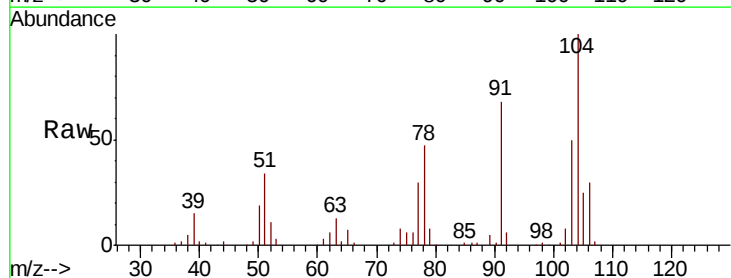
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

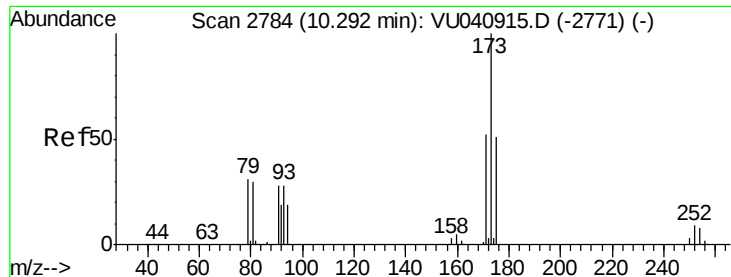
Tot Ion:106 Resp: 41639
Ion Ratio Lower Upper
106 100
91 226.4 111.3 333.9



#66
Styrene
Concen: 1.755 ug/l
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:104 Resp: 75853
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.0
103 54.2 43.1 64.7

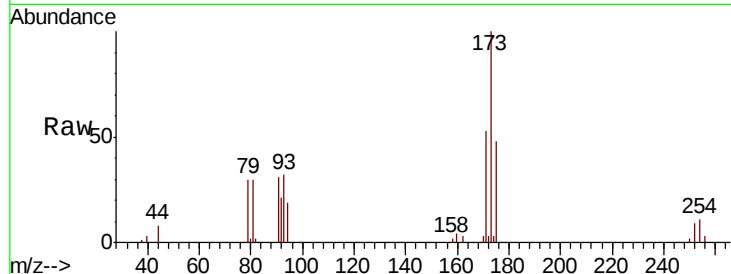




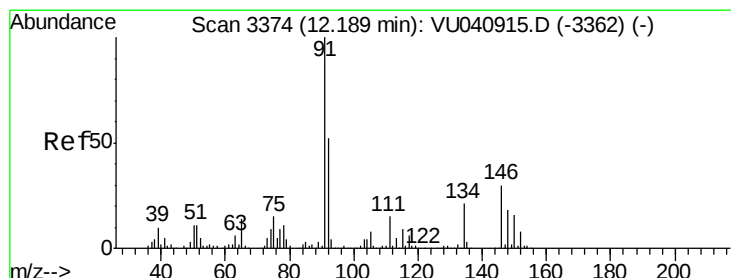
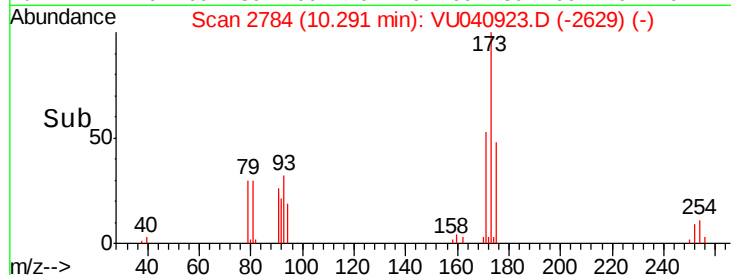
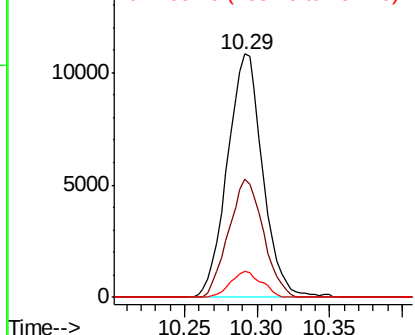
#67
Bromoform
Concen: 1.998 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion:173 Resp: 18290
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.4
254 9.4 6.6 9.8

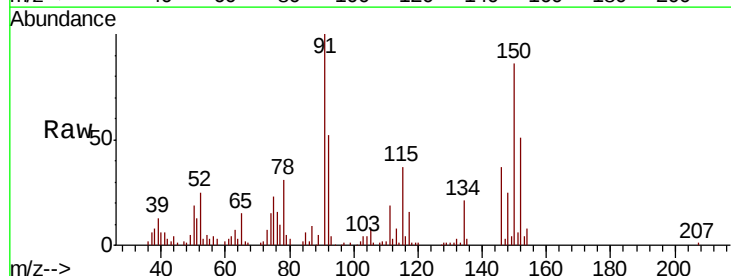


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

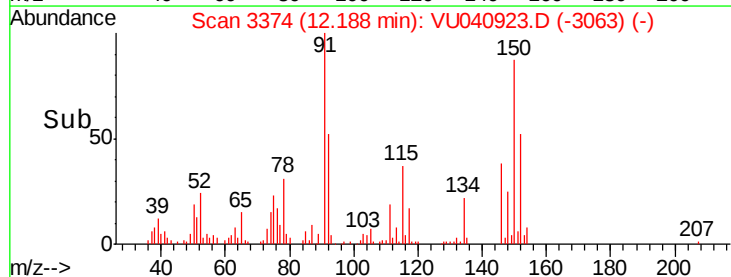
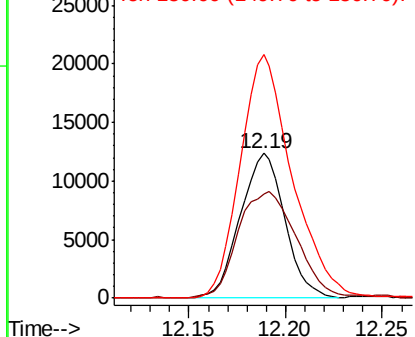


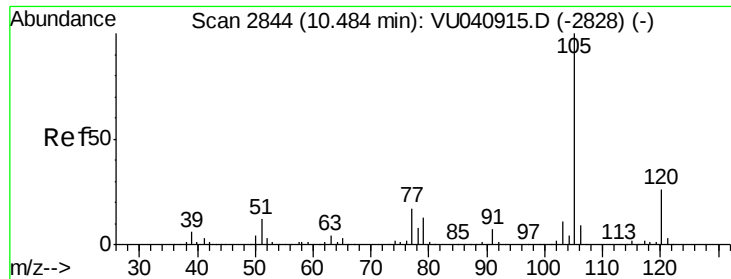
#68
1,2-Dichlorobenzene-d4
Concen: 0.950 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:152 Resp: 19814
Ion Ratio Lower Upper
152 100
115 97.0 0.0 323.4
150 196.7 0.0 653.8



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: 1.751 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

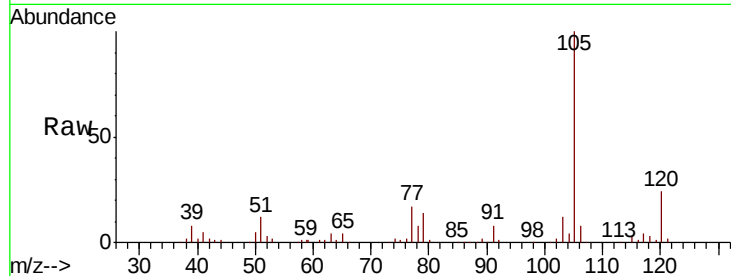
VU1022WBSD01

Tot Ion:105 Resp: 110965

Ion Ratio Lower Upper

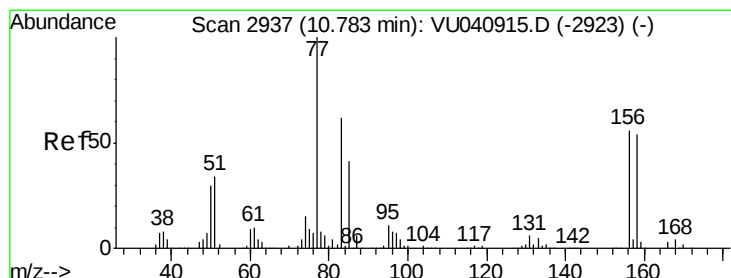
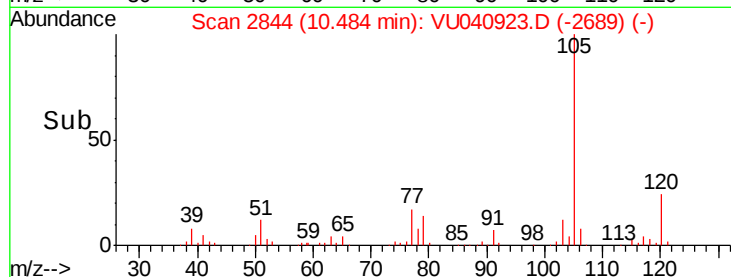
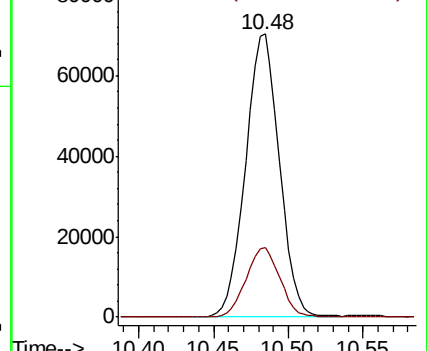
105 100

120 24.7 12.9 38.6



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: 2.106 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

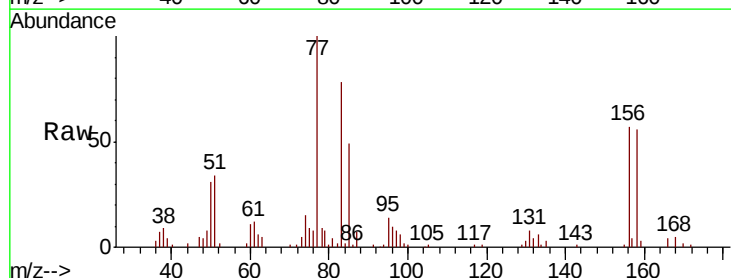
Tgt Ion: 83 Resp: 40418

Ion Ratio Lower Upper

83 100

131 9.4 7.1 10.7

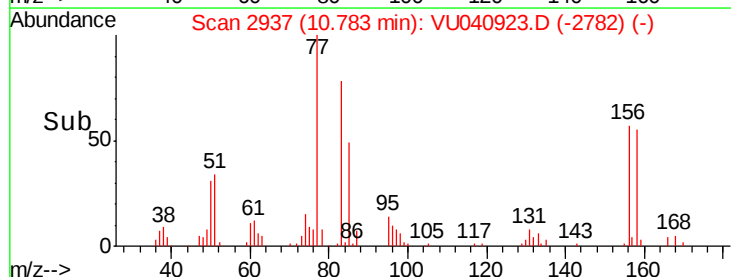
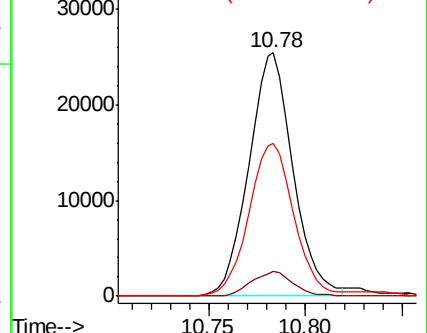
85 64.6 51.8 77.6

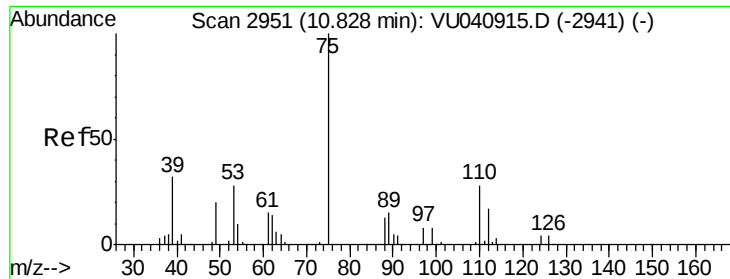


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

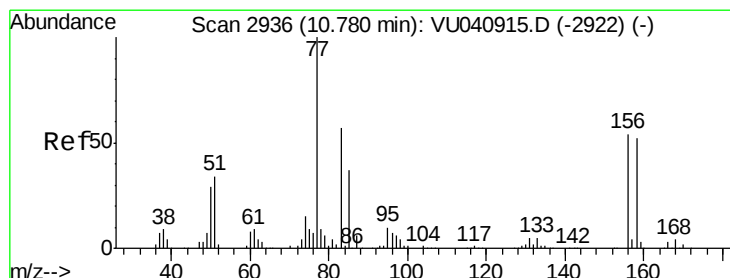
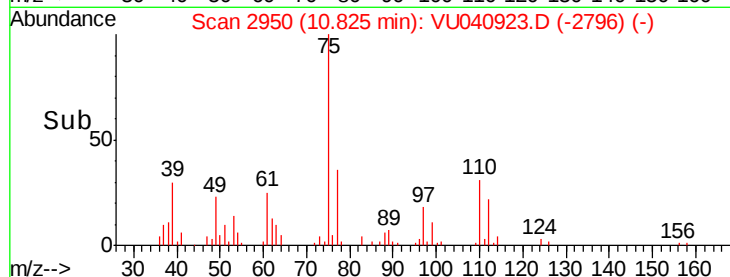
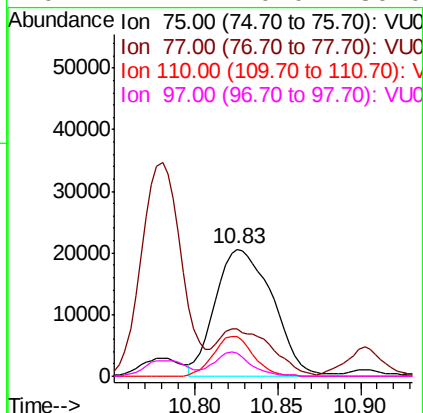
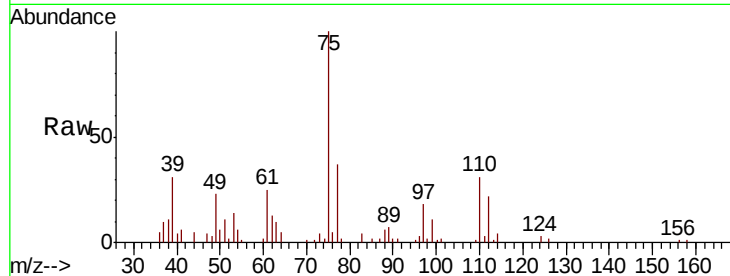




#71
 1,2,3-Trichloropropane
 Concen: 3.374 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

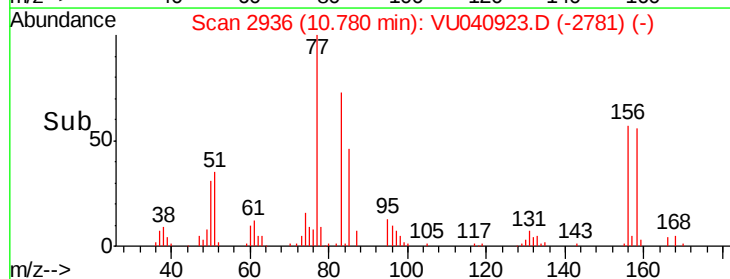
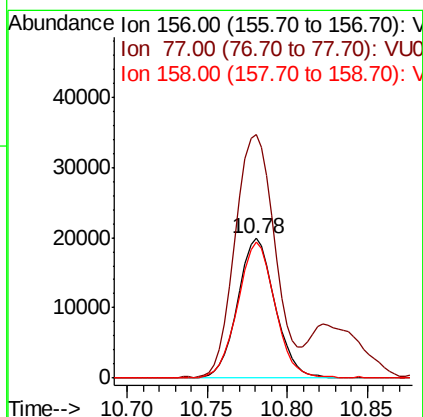
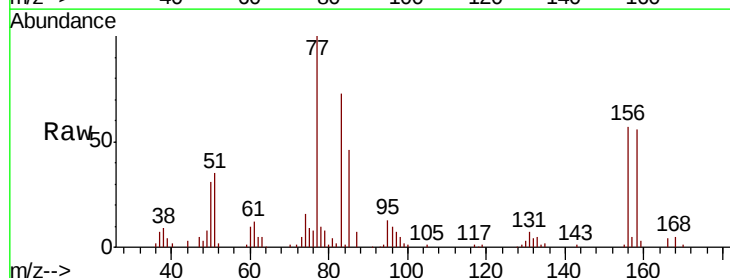
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

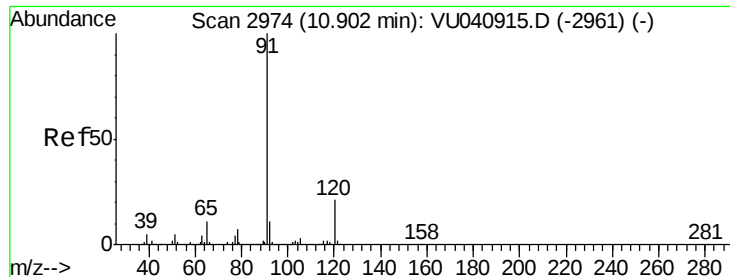
Tot Ion:	75	Resp:	49374
Ion	Ratio	Lower	Upper
75	100		
77	33.8	0.0	110.8
110	21.8	0.0	73.4
97	12.1	0.0	36.0



#72
 Bromobenzene
 Concen: 1.917 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion:	156	Resp:	31671
Ion	Ratio	Lower	Upper
156	100		
77	187.9	0.0	370.2
158	97.1	0.0	193.2





#73

n-propylbenzene

Concen: 1.675 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

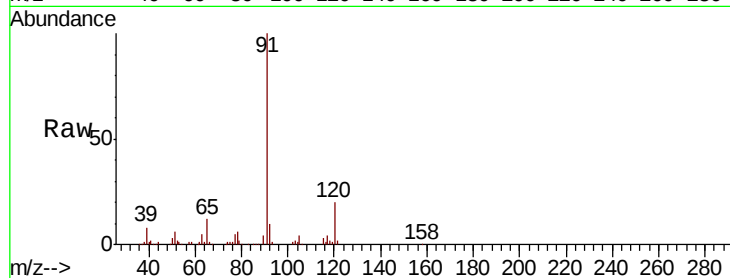
VU1022WBSD01

Tot Ion:120 Resp: 31108

Ion Ratio Lower Upper

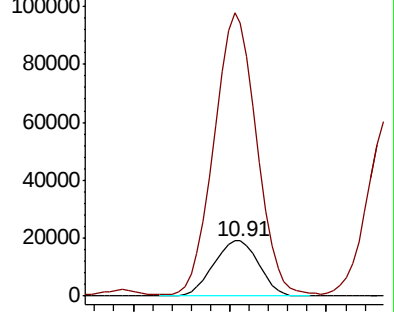
120 100

91 480.6 370.8 556.2

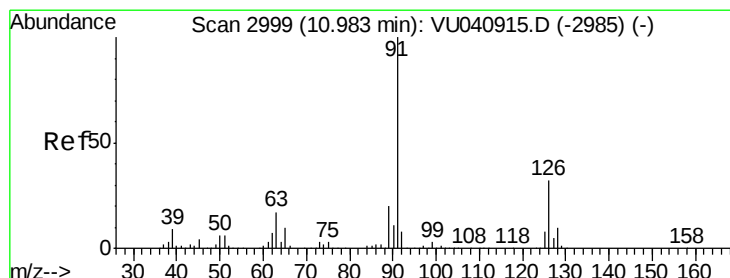
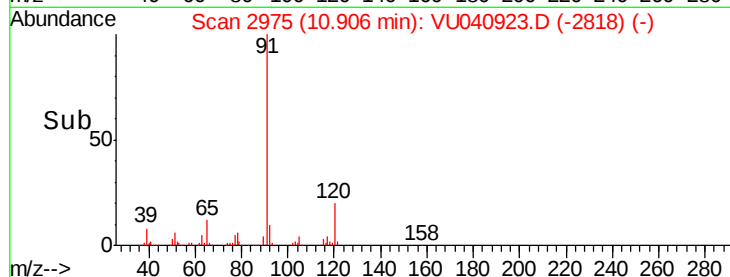


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#74

2-Chlorotoluene

Concen: 1.870 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040923.D

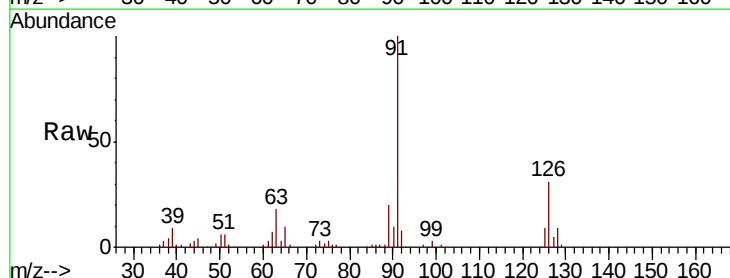
Acq: 23 Oct 2020 01:20

Tgt Ion:126 Resp: 30751

Ion Ratio Lower Upper

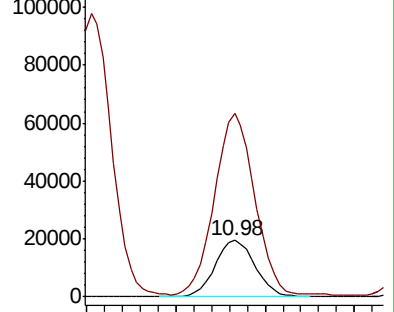
126 100

91 325.7 0.0 633.2

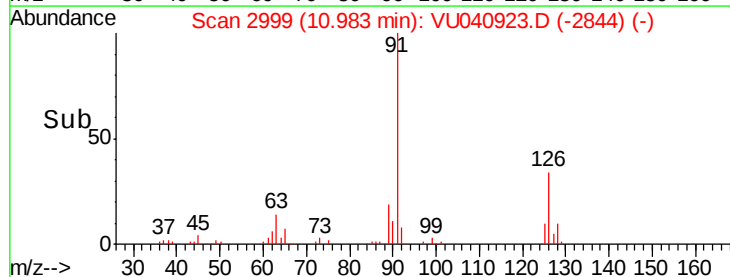


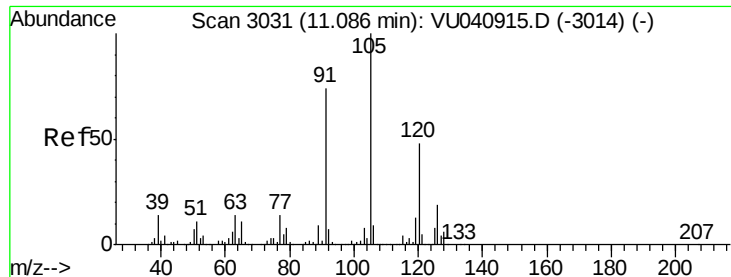
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#75

1,3,5-Trimethylbenzene

Concen: 1.710 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

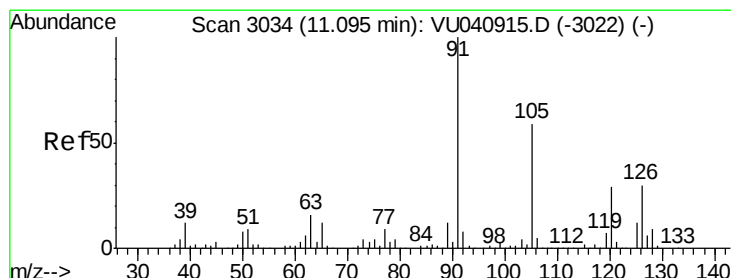
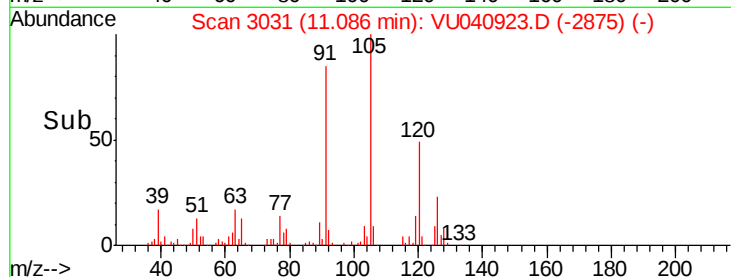
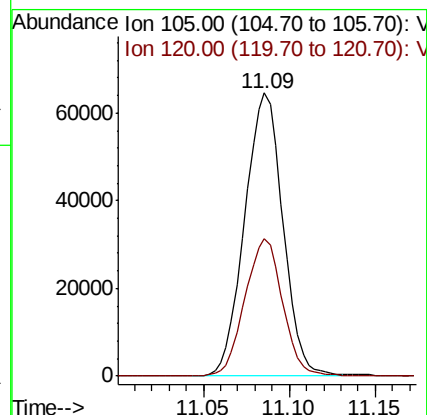
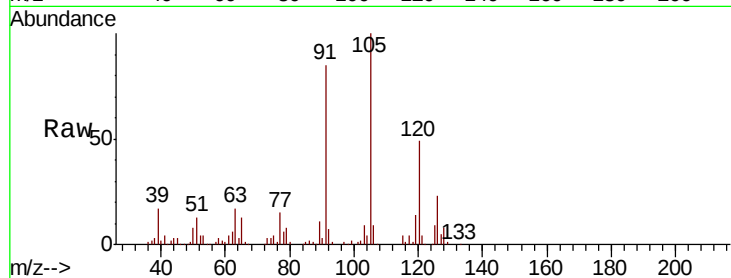
VU1022WBSD01

Tot Ion:105 Resp: 99586

Ion Ratio Lower Upper

105 100

120 47.9 38.7 58.1



#76

4-Chlorotoluene

Concen: 1.977 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040923.D

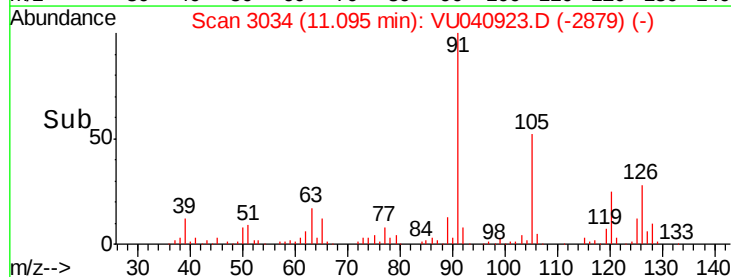
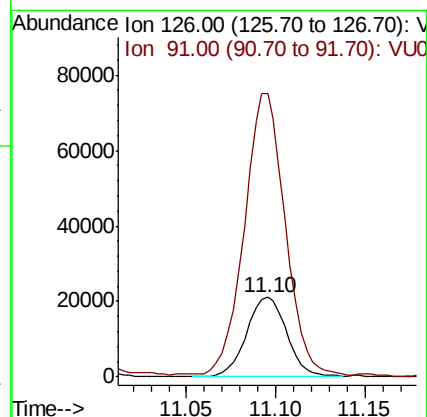
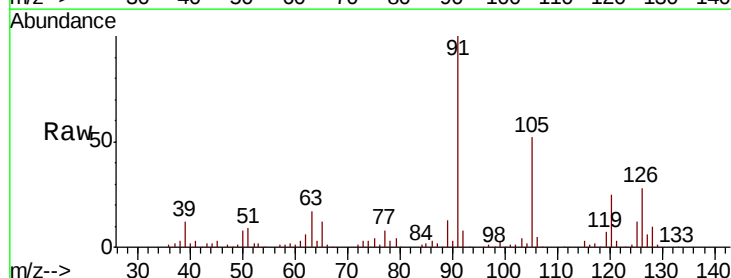
Acq: 23 Oct 2020 01:20

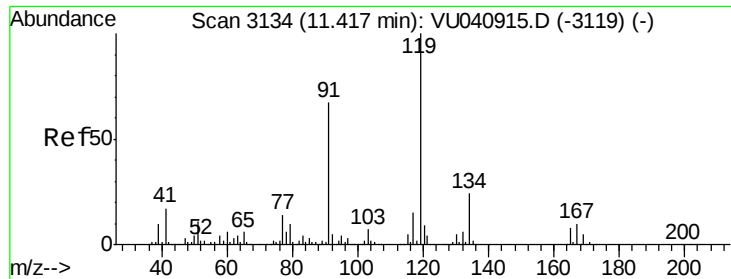
Tgt Ion:126 Resp: 33693

Ion Ratio Lower Upper

126 100

91 352.8 0.0 730.4





#77

tert-Butylbenzene

Concen: 1.864 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

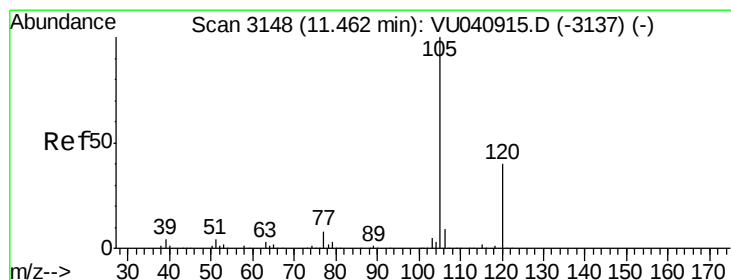
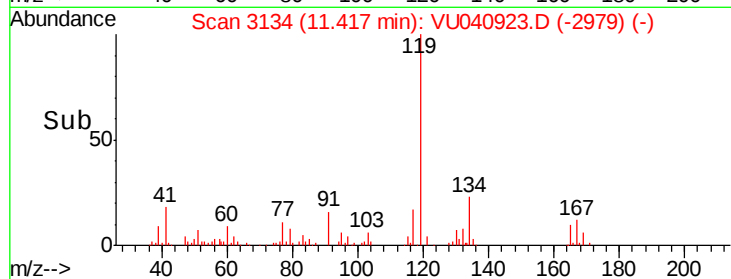
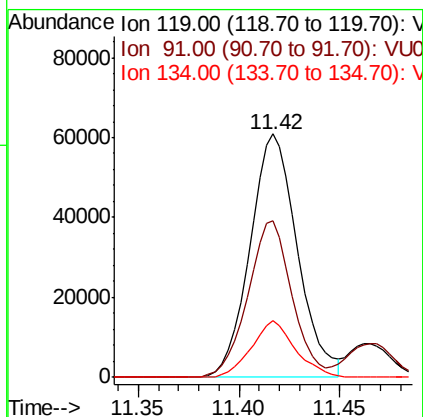
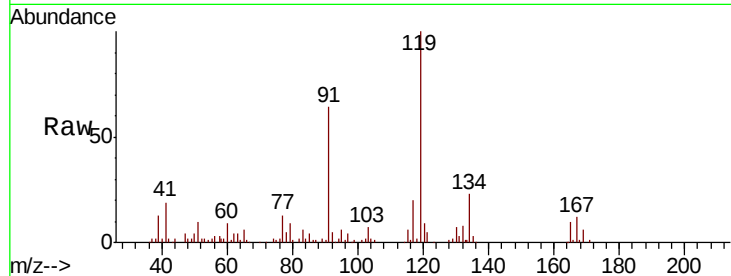
Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion:119 Resp: 99868

Ion	Ratio	Lower	Upper
119	100		
91	59.9	32.0	96.2
134	21.7	18.4	27.6



#78

1,2,4-Trimethylbenzene

Concen: 1.735 ug/l

RT: 11.47 min Scan# 3149

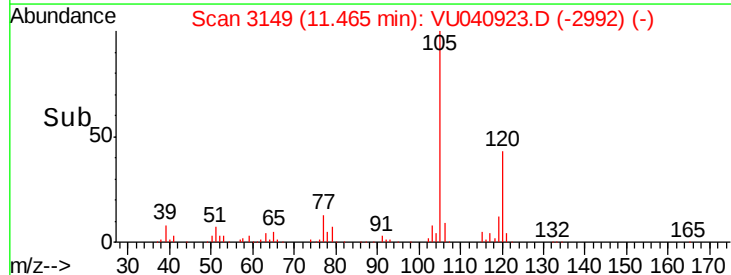
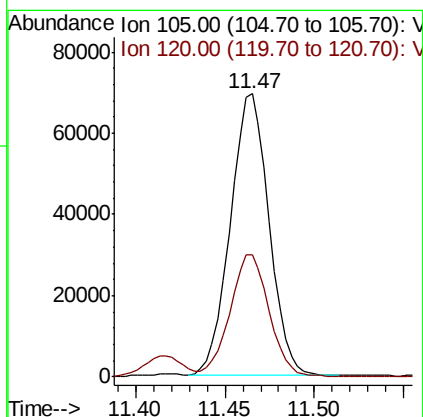
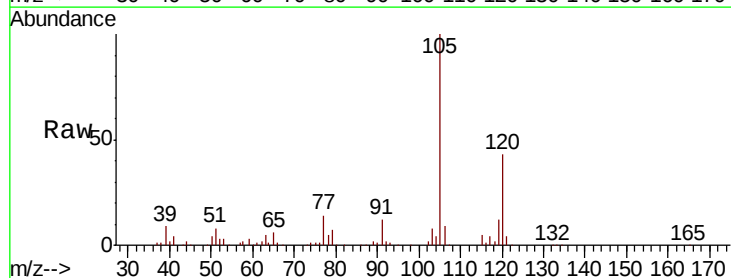
Delta R.T. 0.00 min

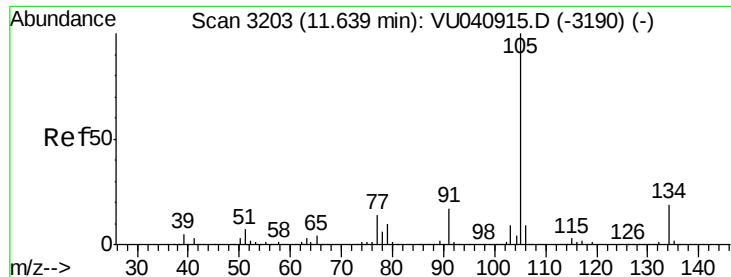
Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:105 Resp: 104723

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.6	67.8

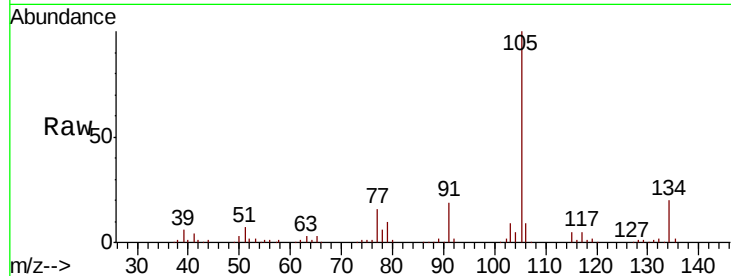




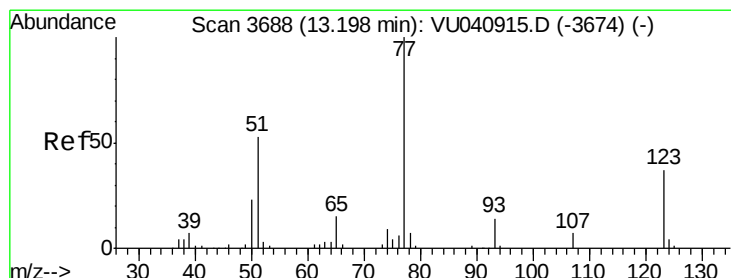
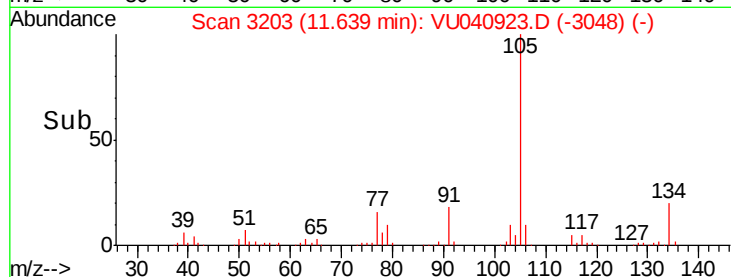
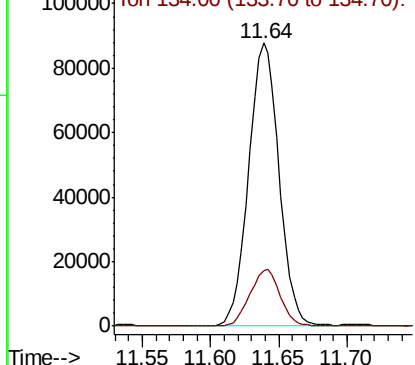
#79
 sec-Butylbenzene
 Concen: 1.818 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion: 105 Resp: 135194
 Ion Ratio Lower Upper
 105 100
 134 19.9 15.4 23.0

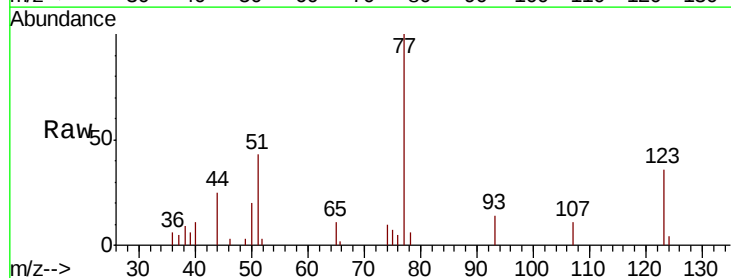


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

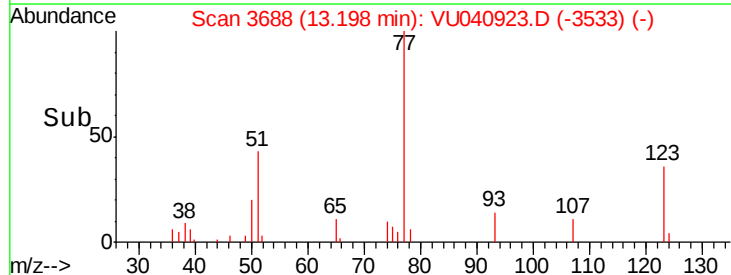
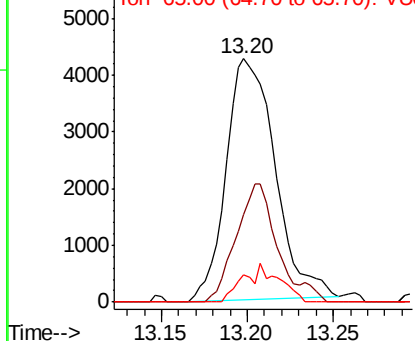


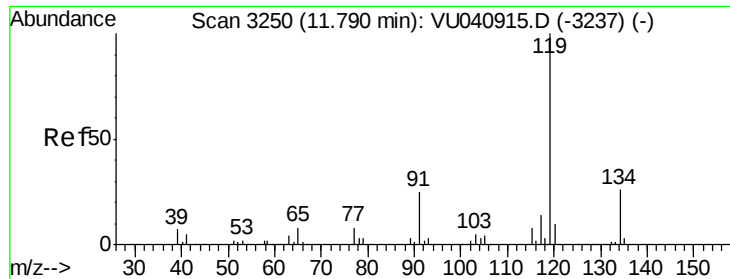
#80
 Nitrobenzene
 Concen: 9.291 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 77 Resp: 8435
 Ion Ratio Lower Upper
 77 100
 123 41.2 16.8 59.4
 65 11.3 11.0 14.0



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

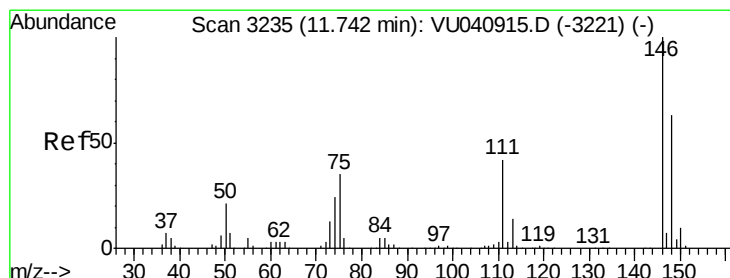
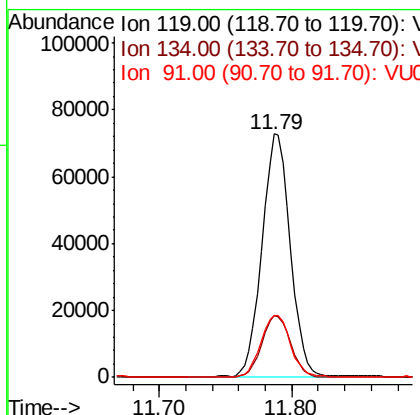
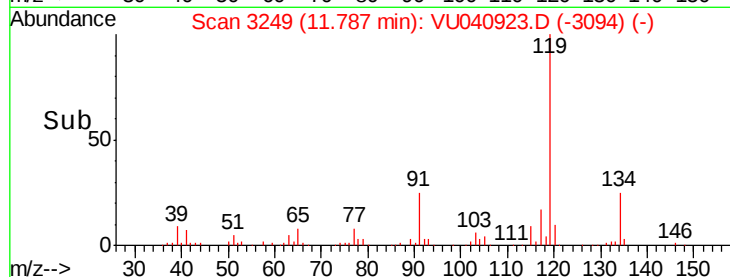
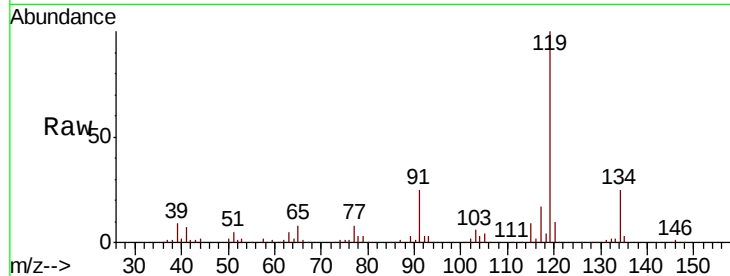




#81
 p-Isopropyltoluene
 Concen: 1.749 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

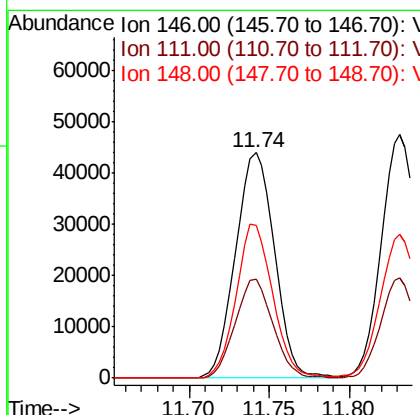
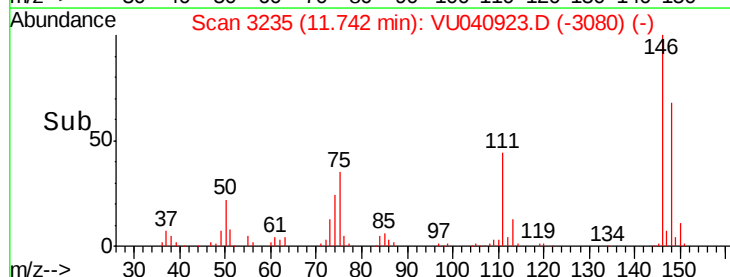
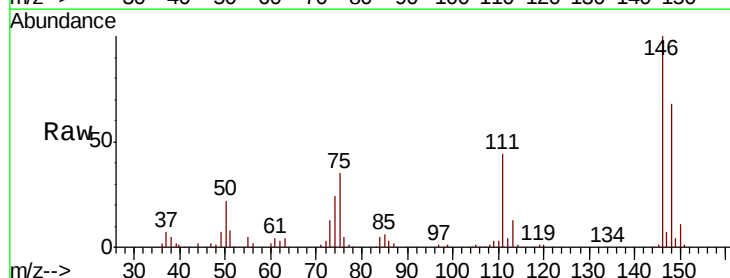
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

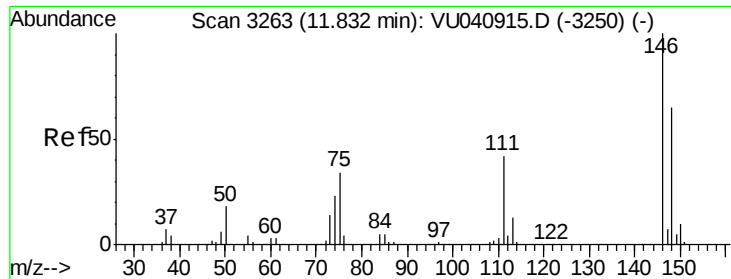
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.4	30.6
91	26.2	20.4	30.6



#82
 1,3-Dichlorobenzene
 Concen: 2.028 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.6	50.4
148	64.0	50.1	75.1





#83

1,4-Dichlorobenzene

Concen: 2.040 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

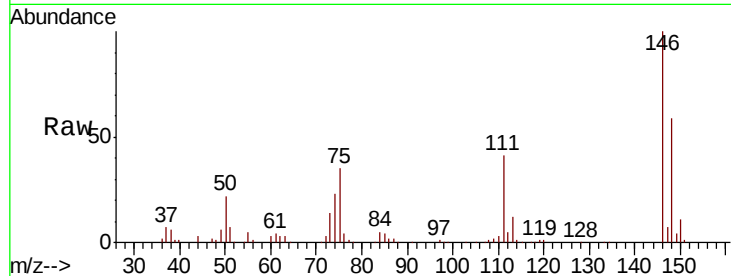
Tot Ion:146 Resp: 74351

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

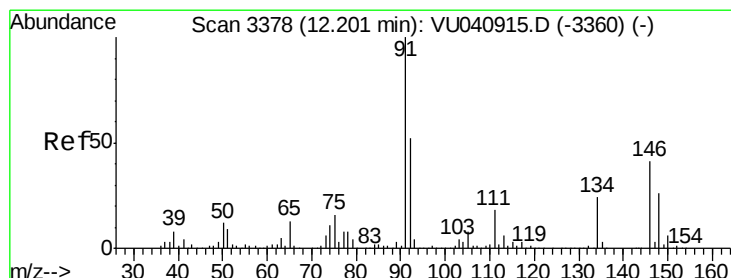
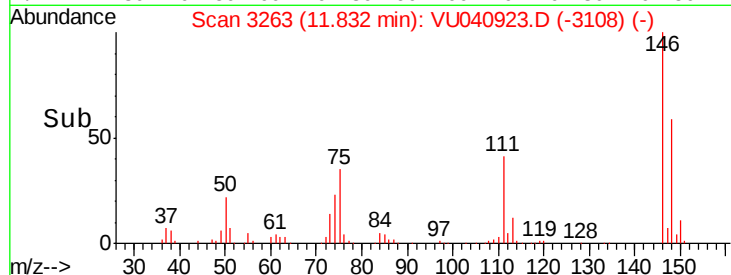
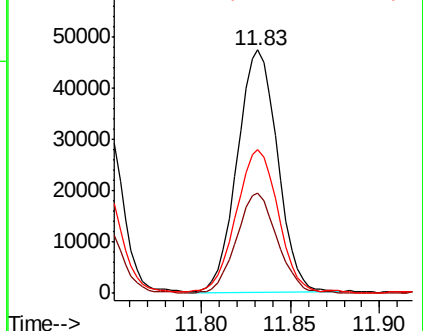
148 60.7 50.6 75.8



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



#84

n-Butylbenzene

Concen: 1.693 ug/l

RT: 12.20 min Scan# 3378

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

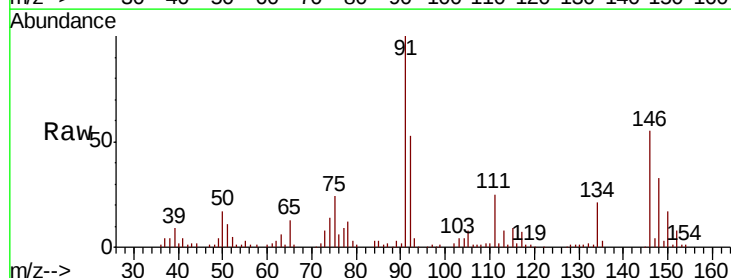
Tgt Ion: 91 Resp: 105392

Ion Ratio Lower Upper

91 100

92 51.6 41.7 62.5

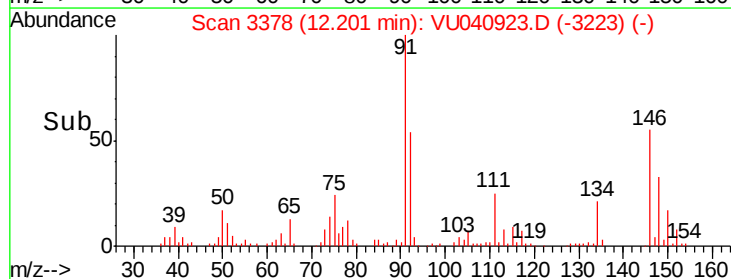
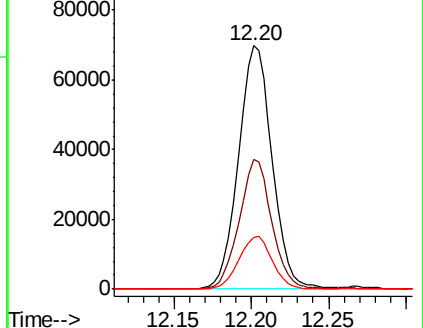
134 21.3 18.6 28.0

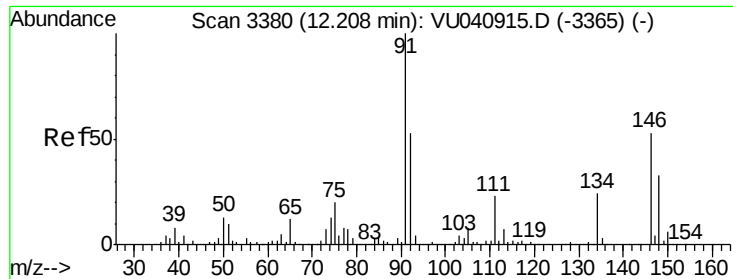


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

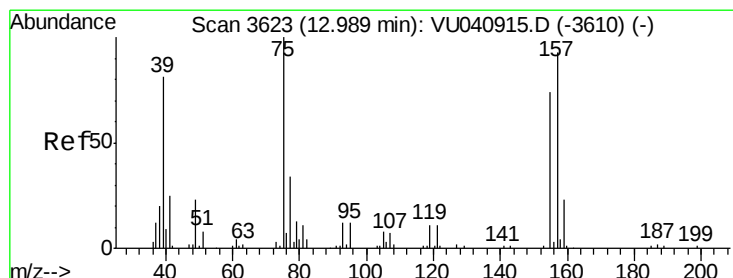
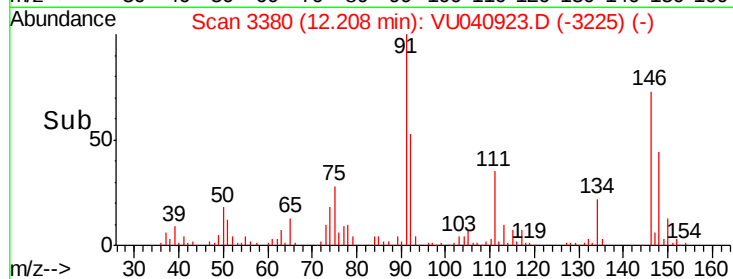
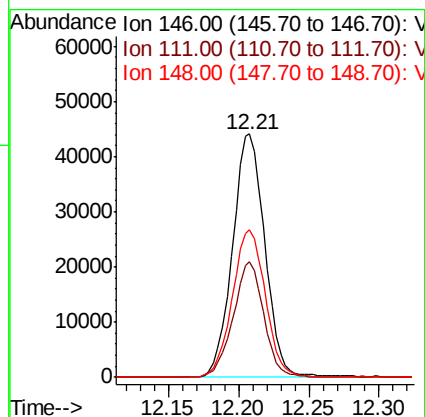
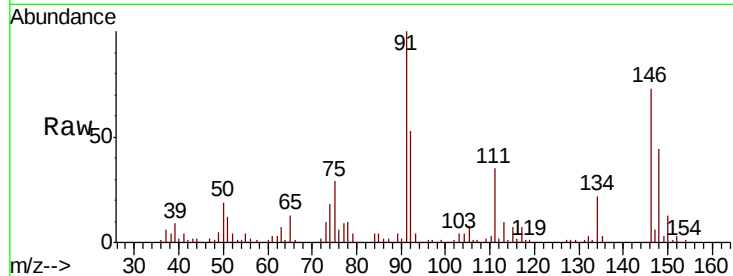




#85
 1,2-Dichlorobenzene
 Concen: 2.054 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

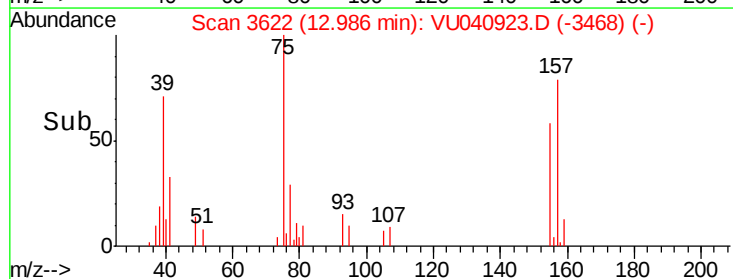
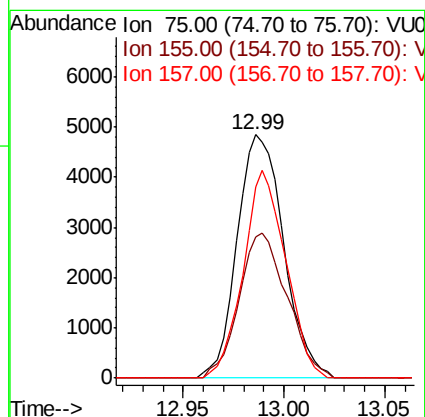
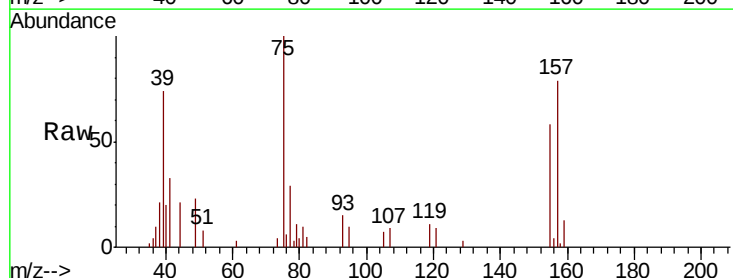
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

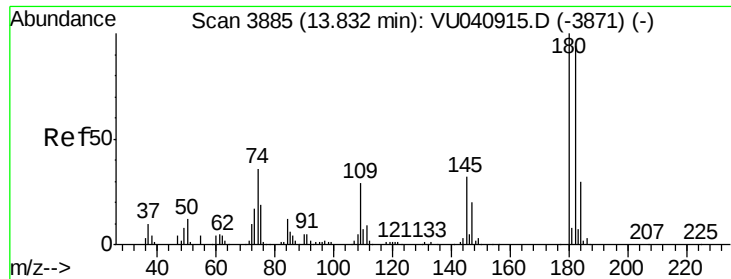
Tot Ion:146 Resp: 70809
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.9
 148 62.0 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.188 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion: 75 Resp: 7840
 Ion Ratio Lower Upper
 75 100
 155 61.6 57.1 85.7
 157 78.2 72.4 108.6

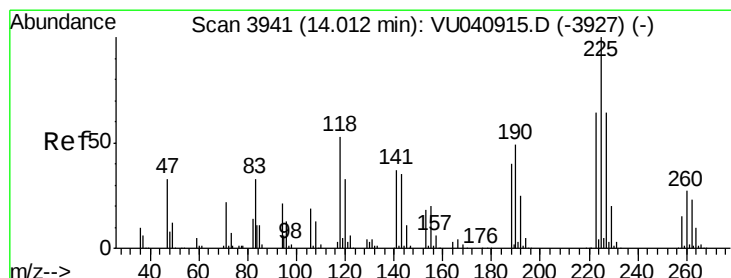
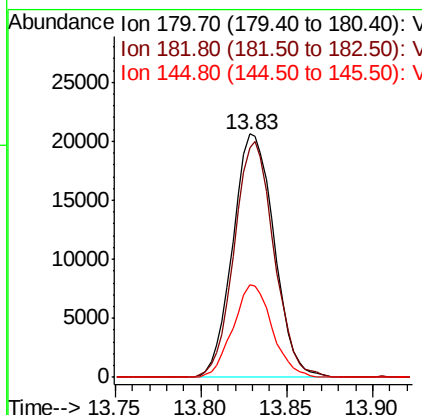
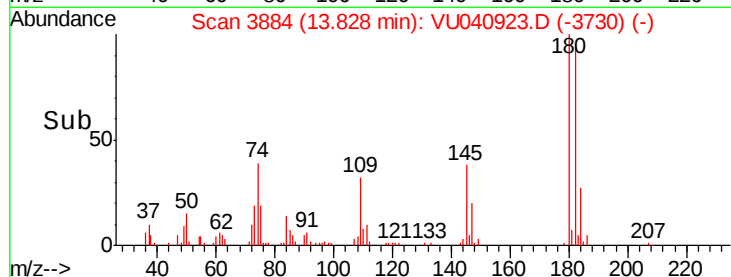
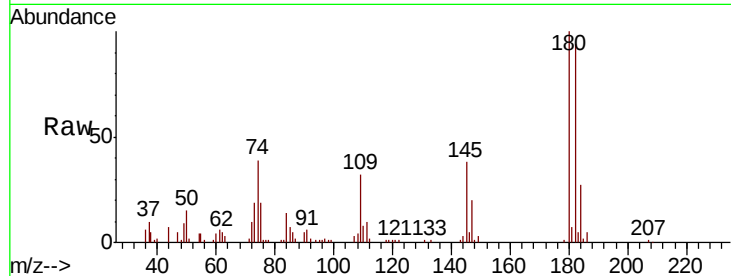




#87
 1,2,4-Trichlorobenzene
 Concen: 1.705 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

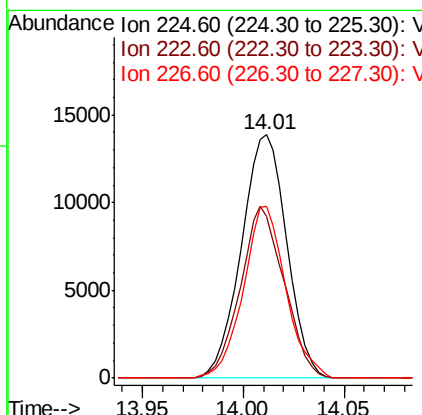
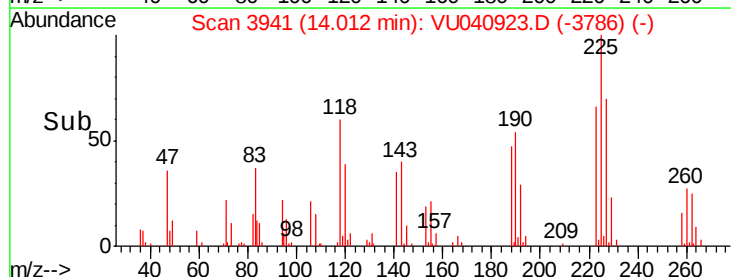
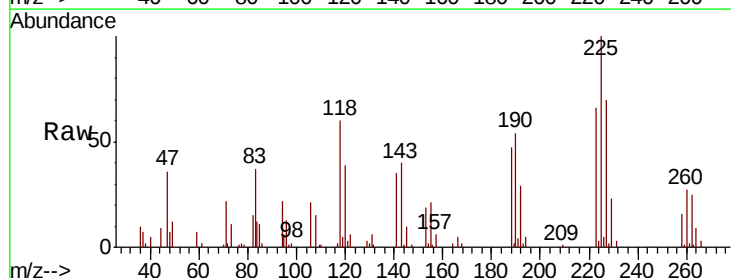
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

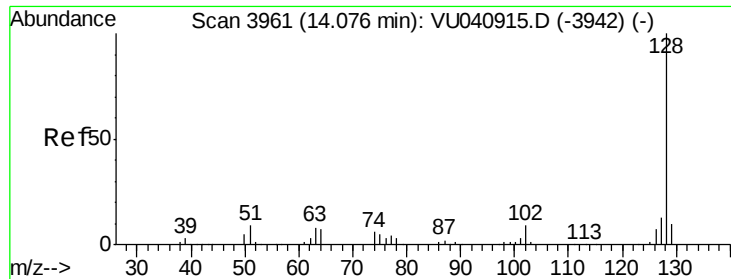
Tot Ion:180 Resp: 34452
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.4 113.2
 145 35.8 25.4 38.0



#88
 Hexachlorobutadiene
 Concen: 1.925 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion:225 Resp: 21843
 Ion Ratio Lower Upper
 225 100
 223 68.1 49.9 74.9
 227 66.3 51.1 76.7

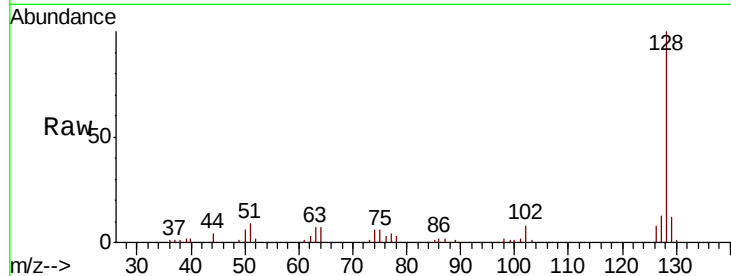




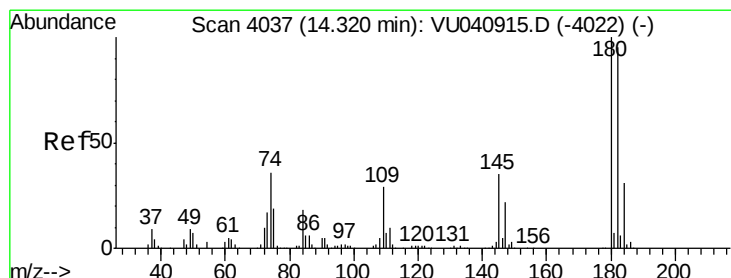
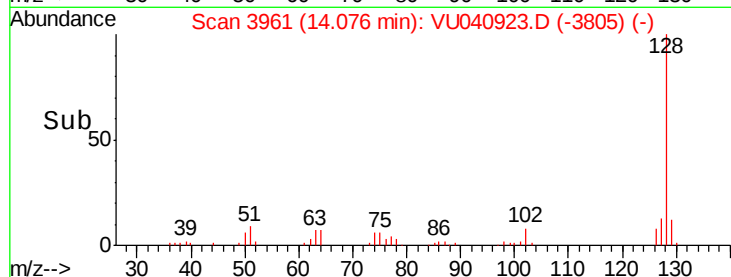
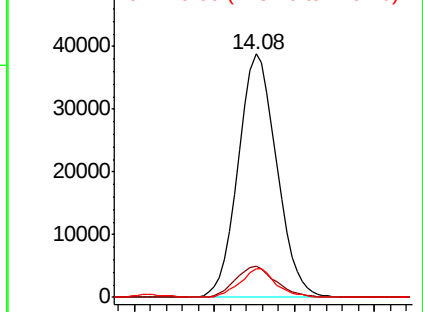
#89
Naphthalene
Concen: 1.875 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion:128 Resp: 63539
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.6 13.0

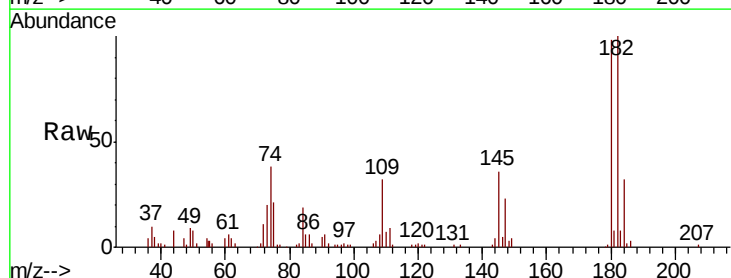


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.756 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:180 Resp: 34525
Ion Ratio Lower Upper
180 100
182 99.8 76.0 114.0
145 35.1 28.0 42.0



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

