

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040931.D
 Acq On : 23 Oct 2020 12:32
 Operator : SY/MD
 Sample : VU1023WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Quant Time: Oct 24 06:23:29 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	54507	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	20100	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	20562	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	53954	2.122 ug/l	96
3) Chloromethane	1.53	50	55638	2.100 ug/l	96
4) Vinyl Chloride	1.61	62	51861	2.102 ug/l	94
5) Bromomethane	1.87	94	31956	2.204 ug/l	98
6) Chloroethane	1.94	64	31008	2.056 ug/l	99
7) Trichlorofluoromethane	2.15	101	67263	2.158 ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38833	2.240 ug/l	97
9) 1,1-Dichloroethene	2.59	96	34175	2.264 ug/l	94
10) Iodomethane	2.74	142	34444	2.195 ug/l	98
11) Allyl Chloride	2.94	41	67862	2.183 ug/l	99
12) Acrylonitrile	3.34	53	22620	4.251 ug/l	98
13) Acetone	2.67	43	52060	11.688 ug/l	100
14) Carbon Disulfide	2.81	76	124406	2.193 ug/l	99
15) Methylene Chloride	3.06	84	40246	2.053 ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	37818	2.213 ug/l	94
17) 1,1-Dichloroethane	3.89	63	74247	2.125 ug/l	98
18) 2-Butanone	4.75	43	75770	10.516 ug/l	99
19) Cyclohexane	5.40	56	62583	1.903 ug/l	93
20) Methylcyclohexane	6.77	83	45042	1.831 ug/l	93
21) 2,2-Dichloropropane	4.68	77	66787	2.264 ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	39480	2.166 ug/l	97
23) Diethyl Ether	2.39	59	33801	2.268 ug/l	96
24) tert-Butyl Alcohol	3.21	59	2317	1.394 ug/l #	72
25) Methyl tert-Butyl Ether	3.39	73	98565	2.105 ug/l	100
26) Bromochloromethane	4.99	128	17313	2.185 ug/l	97
27) Chloroform	5.11	83	72087	2.159 ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	61866	2.149 ug/l	97
29) 1,1-Dichloropropene	5.54	75	51315	2.034 ug/l	97
30) Carbon Tetrachloride	5.54	117	56943	2.185 ug/l	98
31) Isopropyl Ether	4.02	45	113884	2.108 ug/l	100
32) Ethyl-t-butyl ether	4.53	59	99088	2.082 ug/l	99
33) Tert-Amyl methyl ether	5.97	73	66948	1.889 ug/l	98
34) Propionitrile	4.84	54	20123	10.172 ug/l #	74
35) Benzene	5.79	78	144966	2.073 ug/l	98
36) 1,2-Dichloroethane	5.81	62	56908	2.195 ug/l	99
37) Trichloroethene	6.55	130	35500	2.148 ug/l	98
38) 1,2-Dichloropropane	6.81	63	42272	2.131 ug/l	100
39) Methacrylonitrile	5.01	41	19712	2.125 ug/l	97
40) Methyl acrylate	4.87	55	28470	2.239 ug/l #	94
41) Tetrahydrofuran	5.10	42	20280	4.251 ug/l #	79
42) 1-Chlorobutane	5.47	56	81164	2.128 ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040931.D
 Acq On : 23 Oct 2020 12:32
 Operator : SY/MD
 Sample : VU1023WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

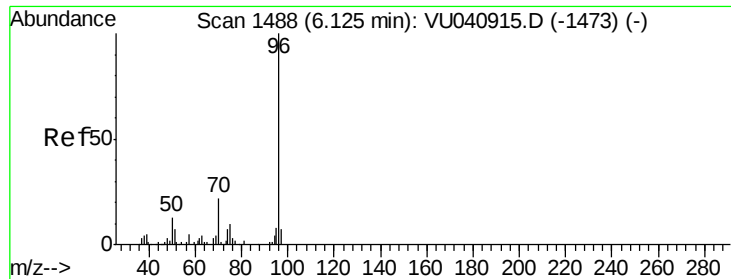
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Quant Time: Oct 24 06:23:29 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	22825	2.053	ug/l	98
44) Bromodichloromethane	7.12	83	54753	2.121	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	136295	9.337	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	50863	8.812	ug/l #	54
47) Methyl methacrylate	6.98	69	35474	3.821	ug/l	97
48) Ethyl methacrylate	8.34	69	27807	1.781	ug/l	96
49) Toluene	7.98	92	76076	1.978	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	45678	2.047	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	46553	1.904	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	29912	2.128	ug/l	95
53) 1,3-Dichloropropane	8.58	76	51772	2.051	ug/l	100
54) 2-Hexanone	8.70	43	99173	9.725	ug/l	95
55) Dibromochloromethane	8.82	129	36693	2.177	ug/l	97
56) 1,2-Dibromoethane	8.93	107	27581	2.116	ug/l	99
58) Tetrachloroethene	8.56	164	31295	2.025	ug/l	99
59) Chlorobenzene	9.45	112	79907	1.963	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	34279	2.143	ug/l	98
61) Pentachloroethane	11.42	117	27343	2.116	ug/l	100
62) Hexachloroethane	12.47	117	28142	2.140	ug/l	98
63) Ethyl Benzene	9.57	91	123456	1.831	ug/l	98
64) m/p-Xylenes	9.70	106	96018	3.580	ug/l	98
65) o-Xylene	10.10	106	43905	1.854	ug/l	96
66) Styrene	10.11	104	78116	1.805	ug/l	96
67) Bromoform	10.29	173	18404	2.017	ug/l	96
69) Isopropylbenzene	10.48	105	116628	1.847	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	41561	2.173	ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	50863	3.488	ug/l	73
72) Bromobenzene	10.78	156	33014	2.005	ug/l	97
73) n-propylbenzene	10.91	120	32763	1.757	ug/l	89
74) 2-Chlorotoluene	10.99	126	33062	2.018	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	109717	1.866	ug/l	96
76) 4-Chlorotoluene	11.10	126	36447	2.146	ug/l	99
77) tert-Butylbenzene	11.42	119	103449	1.938	ug/l	97
78) 1,2,4-Trimethylbenzene	11.47	105	110488	1.823	ug/l	96
79) sec-Butylbenzene	11.64	105	146845	1.982	ug/l	98
80) Nitrobenzene	13.20	77	9693	10.715	ug/l #	93
81) p-Isopropyltoluene	11.79	119	118427	1.884	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	77723	2.164	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	78822	2.170	ug/l	98
84) n-Butylbenzene	12.20	91	121866	1.965	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	72984	2.124	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7466	2.091	ug/l	90
87) 1,2,4-Trichlorobenzene	13.83	180	36176	1.797	ug/l	97
88) Hexachlorobutadiene	14.01	225	24314	2.151	ug/l	98
89) Naphthalene	14.08	128	63081	1.871	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	36939	1.885	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 96 Resp: 54507

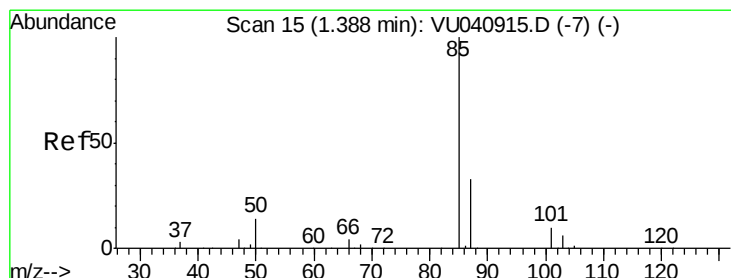
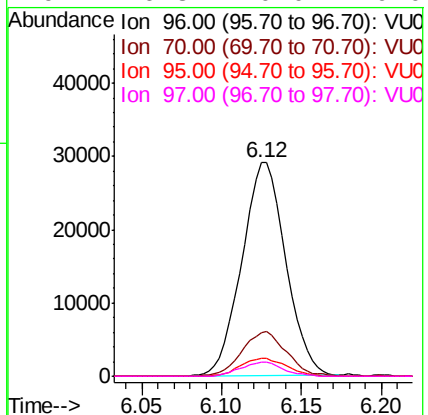
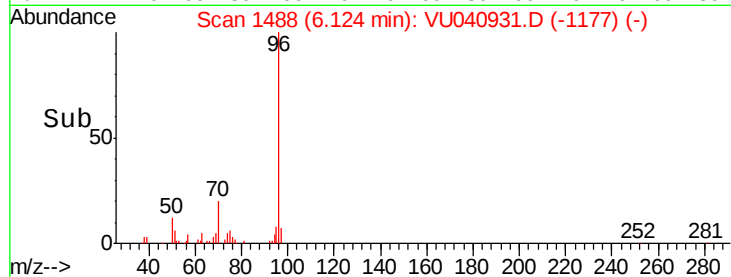
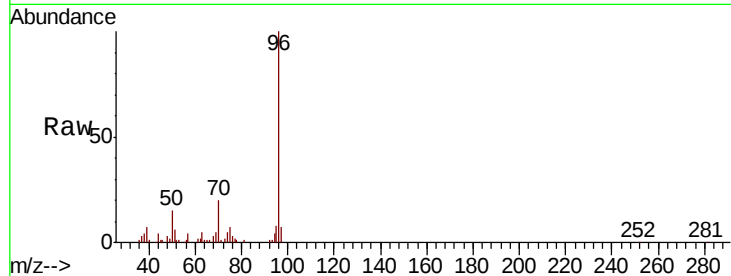
Ion Ratio Lower Upper

96 100

70 21.3 16.3 24.5

95 8.8 7.3 10.9

97 6.3 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 2.122 ug/l

RT: 1.39 min Scan# 16

Delta R.T. 0.00 min

Lab File: VU040931.D

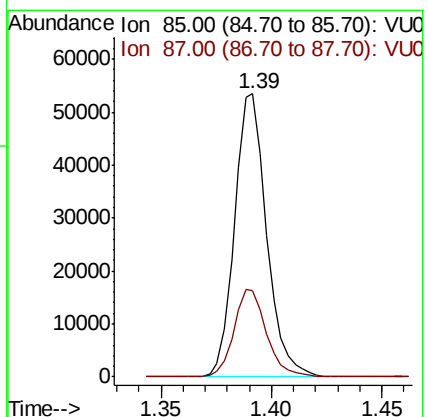
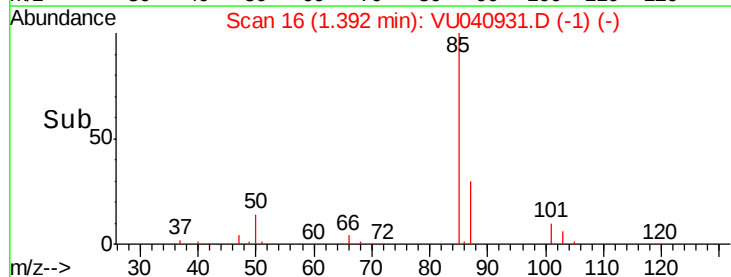
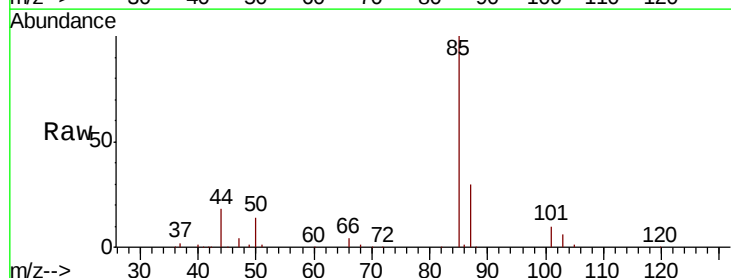
Acq: 23 Oct 2020 12:32

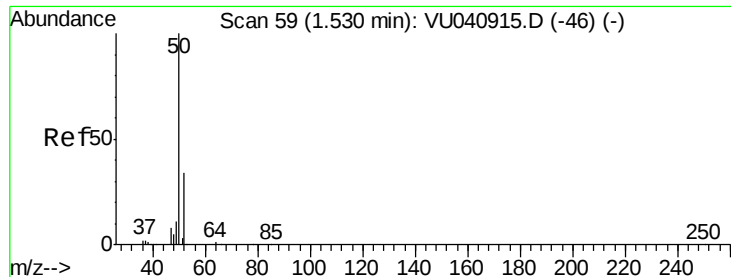
Tgt Ion: 85 Resp: 53954

Ion Ratio Lower Upper

85 100

87 30.5 16.5 49.5





#3

Chloromethane

Concen: 2.100 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

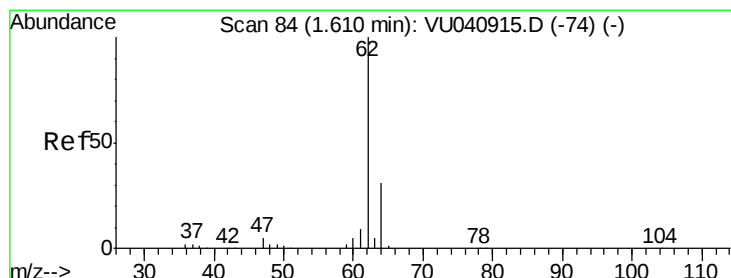
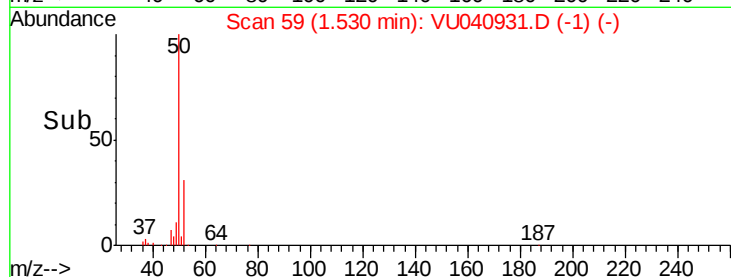
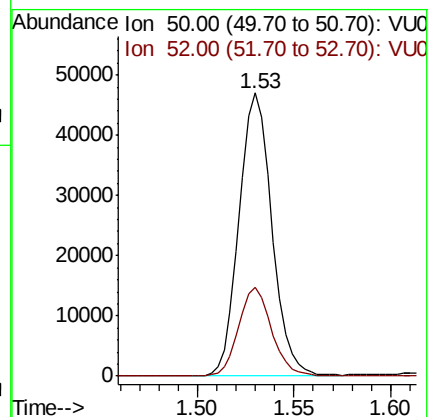
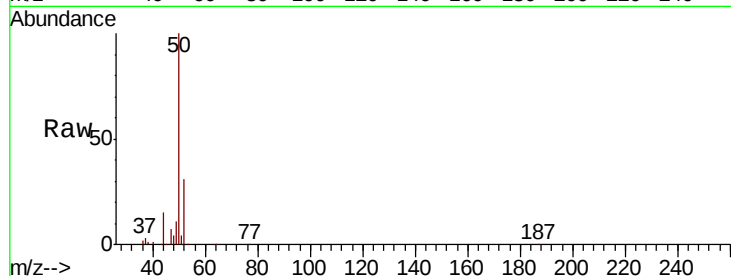
VU1023WBSD01

Tot Ion: 50 Resp: 55638

Ion Ratio Lower Upper

50 100

52 31.3 26.9 40.3



#4

Vinyl Chloride

Concen: 2.102 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040931.D

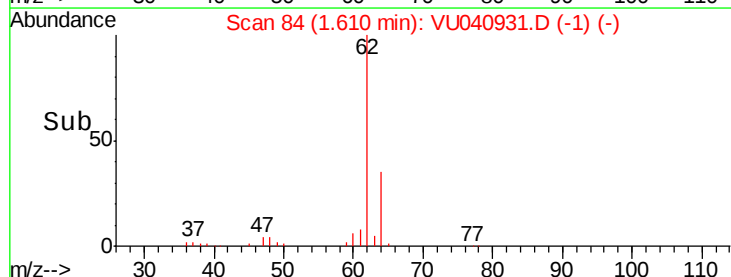
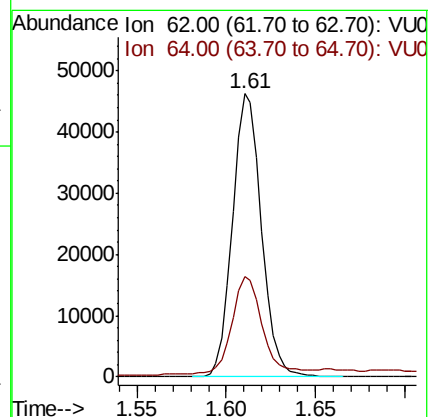
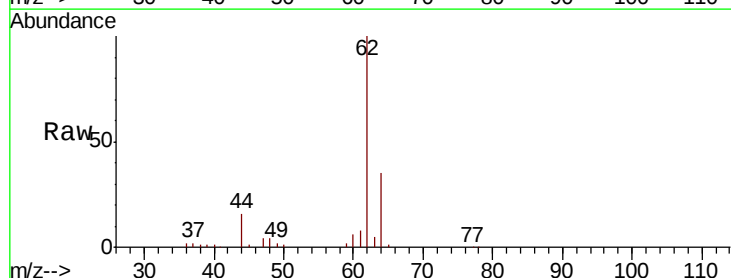
Acq: 23 Oct 2020 12:32

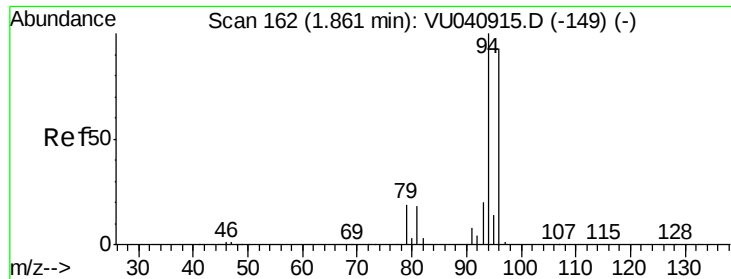
Tgt Ion: 62 Resp: 51861

Ion Ratio Lower Upper

62 100

64 34.3 24.7 37.1





#5

Bromomethane

Concen: 2.204 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

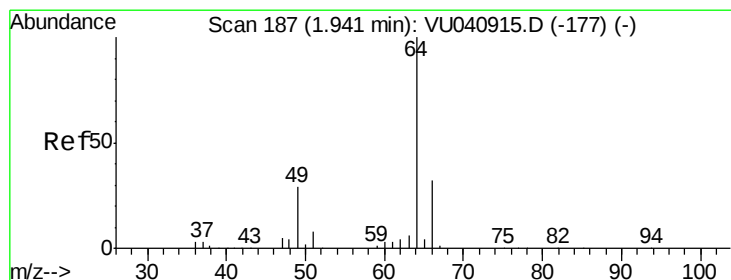
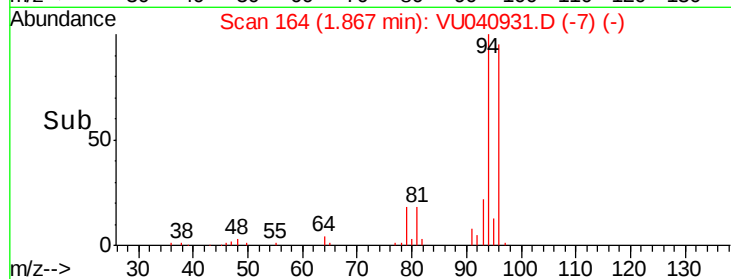
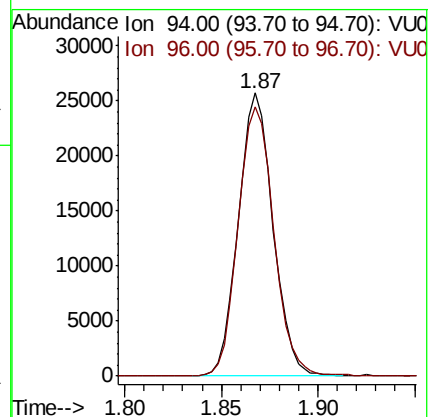
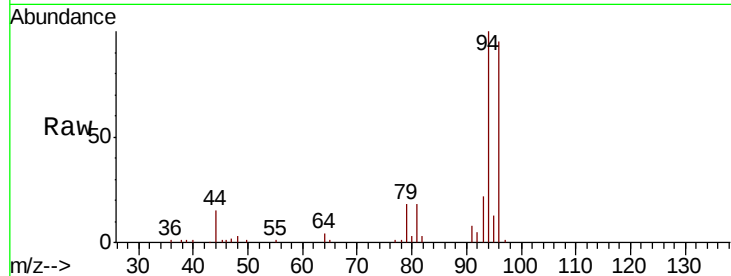
VU1023WBSD01

Tot Ion: 94 Resp: 31956

Ion Ratio Lower Upper

94 100

96 95.4 74.4 111.6



#6

Chloroethane

Concen: 2.056 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040931.D

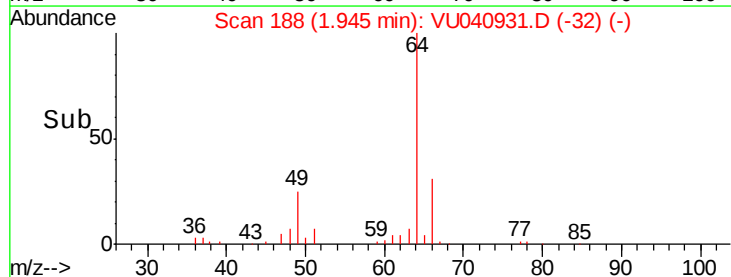
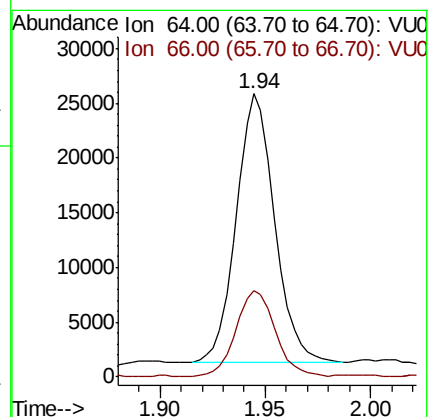
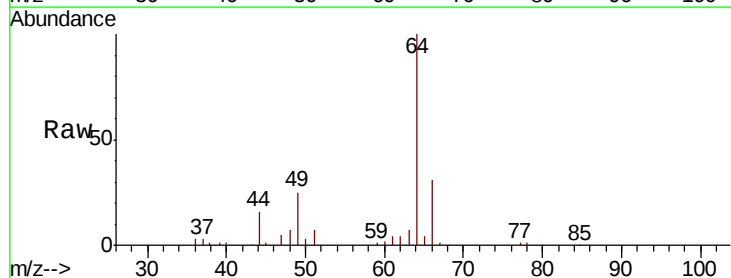
Acq: 23 Oct 2020 12:32

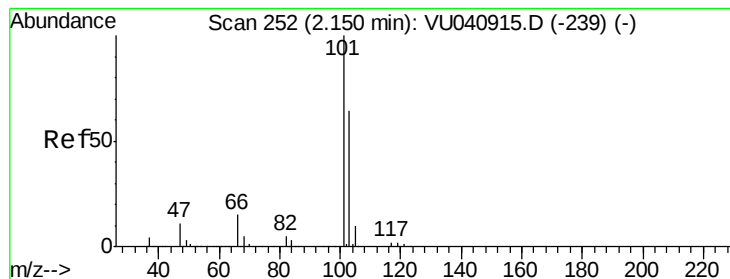
Tgt Ion: 64 Resp: 31008

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2



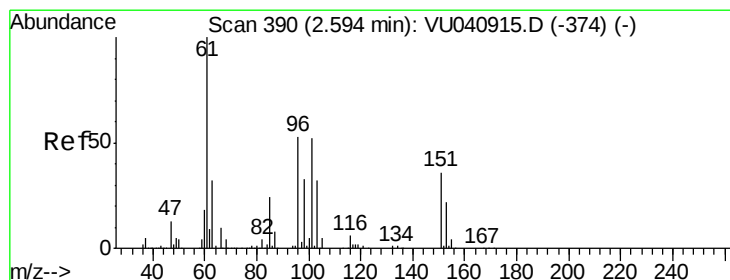
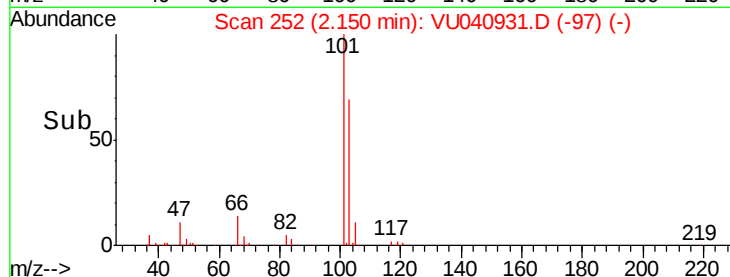
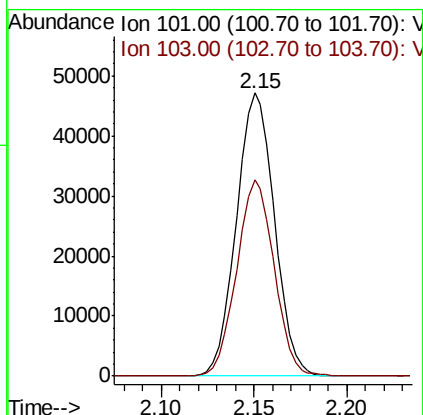
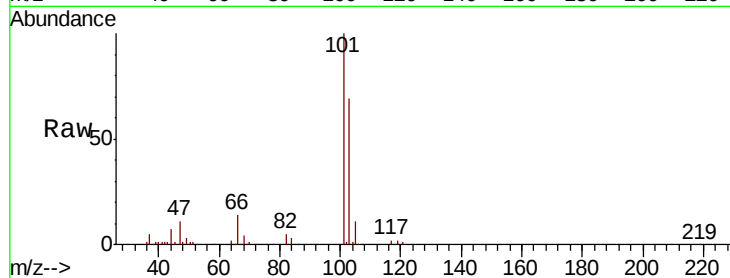


#7

Trichlorofluoromethane
 Concen: 2.158 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

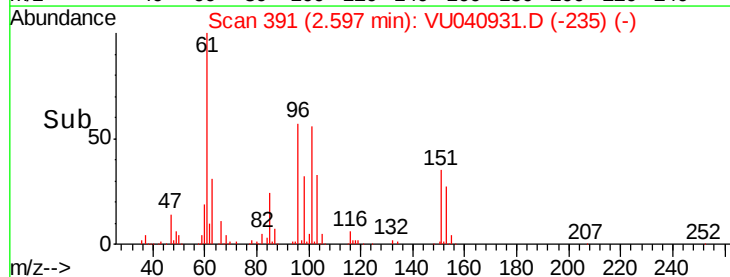
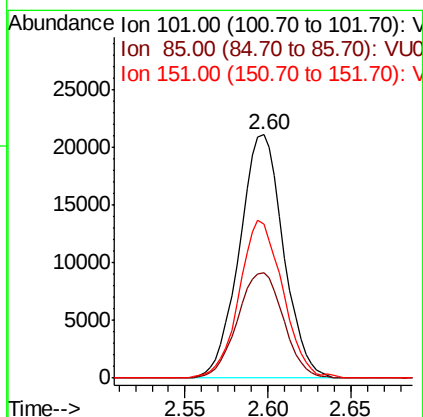
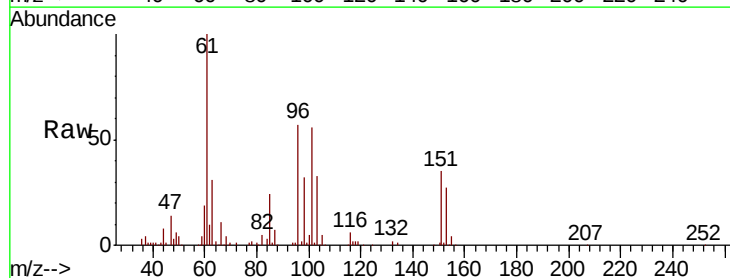
Tot Ion:101 Resp: 67263
 Ion Ratio Lower Upper
 101 100
 103 69.5 51.5 77.3

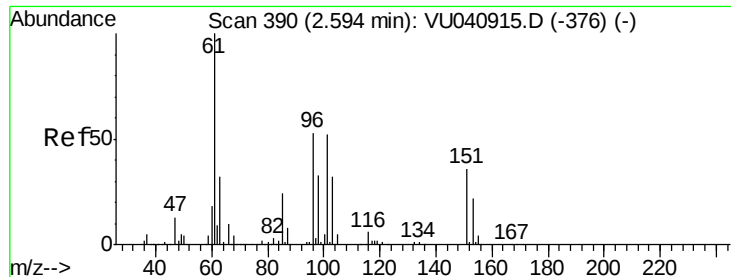


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.240 ug/l
 RT: 2.60 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion:101 Resp: 38833
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.2 54.2
 151 64.3 55.1 82.7





#9

1,1-Dichloroethene

Concen: 2.264 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

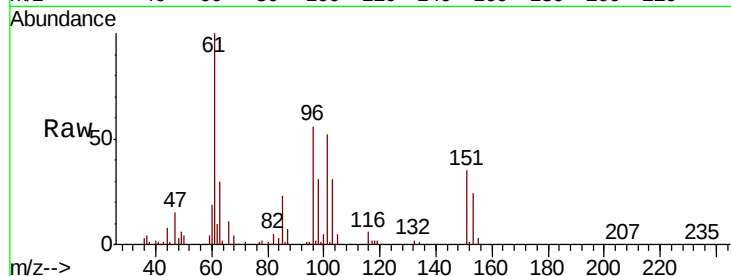
Tot Ion: 96 Resp: 34175

Ion Ratio Lower Upper

96 100

61 179.8 0.0 561.9

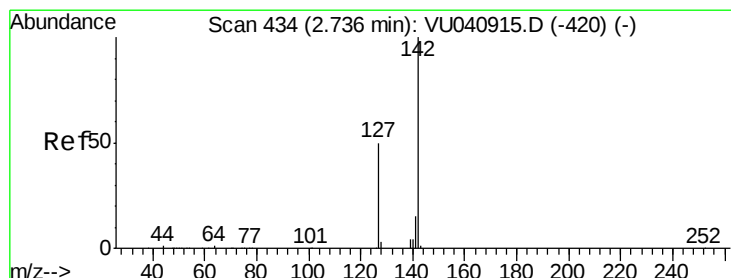
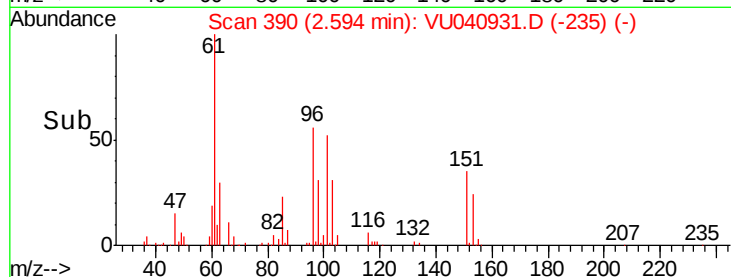
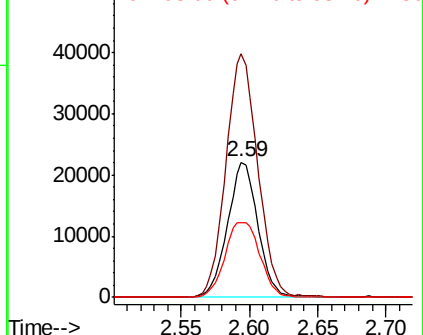
98 55.5 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040931.D (-376) (-)

Ion 61.00 (60.70 to 61.70): VU040931.D (-376) (-)

Ion 98.00 (97.70 to 98.70): VU040931.D (-376) (-)



#10

Iodomethane

Concen: 2.195 ug/l

RT: 2.74 min Scan# 435

Delta R.T. 0.00 min

Lab File: VU040931.D

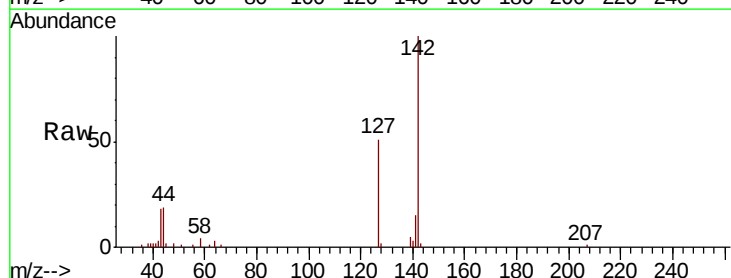
Acq: 23 Oct 2020 12:32

Tgt Ion: 142 Resp: 34444

Ion Ratio Lower Upper

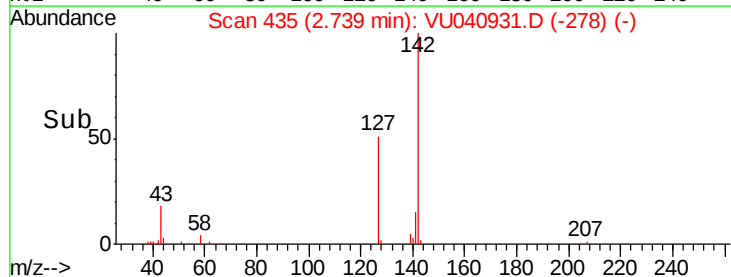
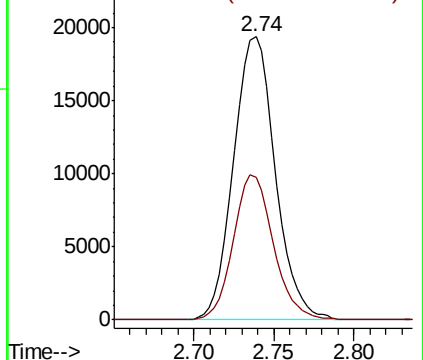
142 100

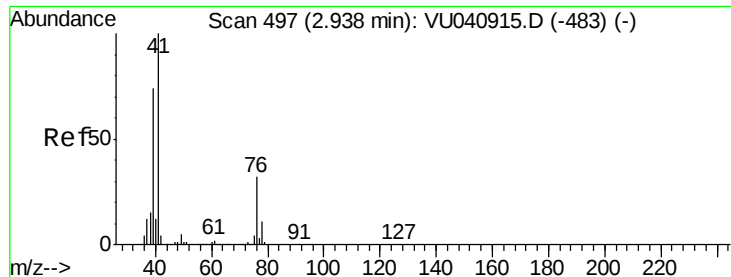
127 49.1 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040931.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU040931.D (-420) (-)

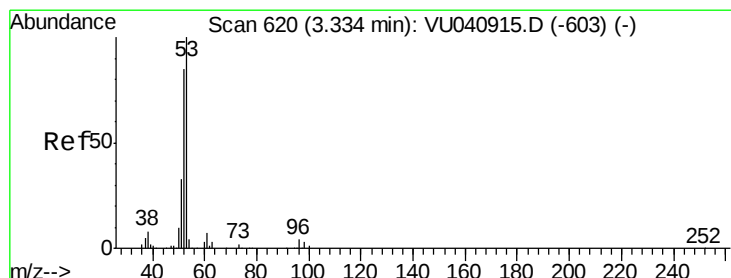
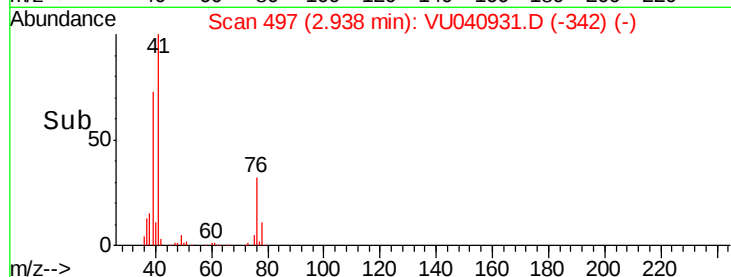
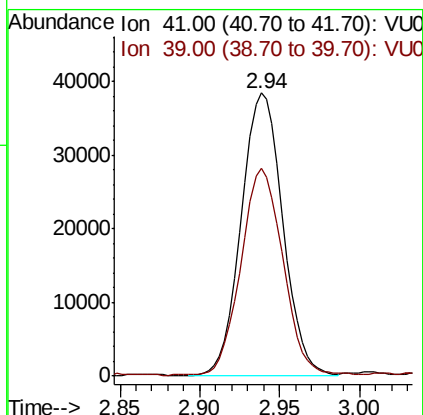
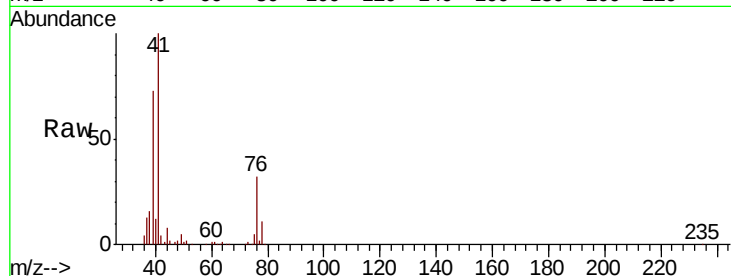




#11
Allvl Chloride
Concen: 2.183 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

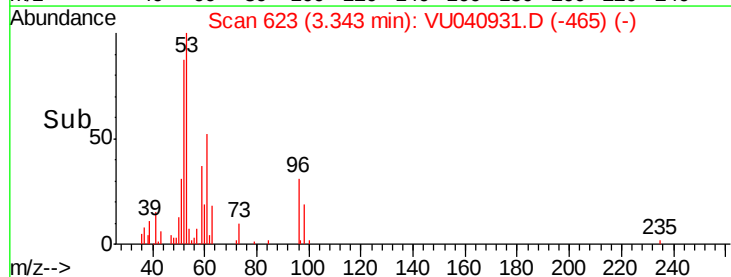
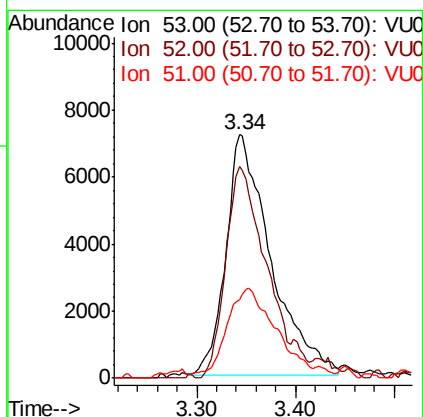
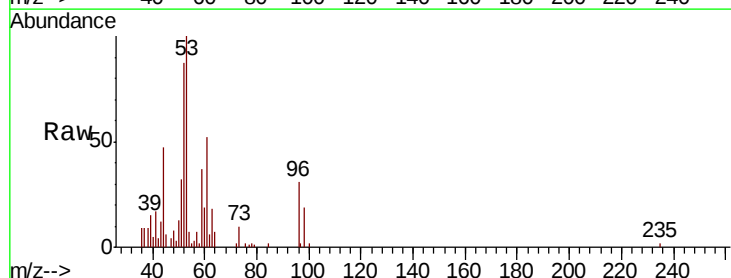
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

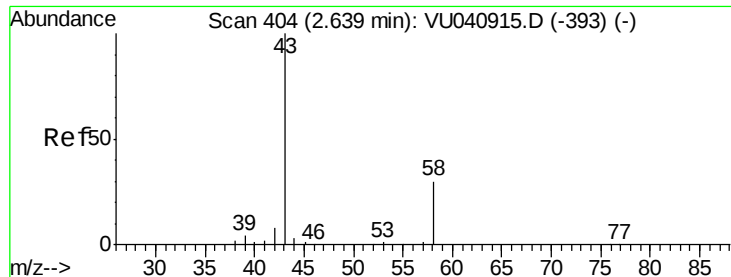
Tot Ion: 41 Resp: 67862
Ion Ratio Lower Upper
41 100
39 74.4 59.0 88.4



#12
Acrylonitrile
Concen: 4.251 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 53 Resp: 22620
Ion Ratio Lower Upper
53 100
52 81.6 63.1 94.7
51 37.9 30.6 46.0





#13

Acetone

Concen: 11.688 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.03 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

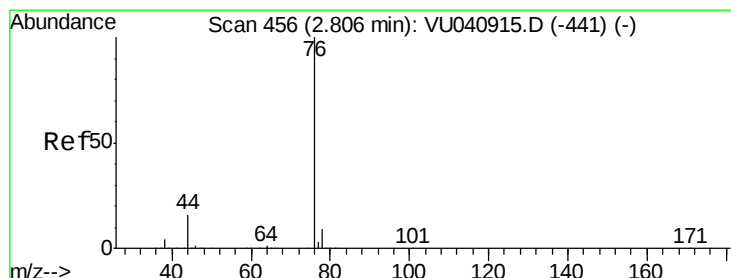
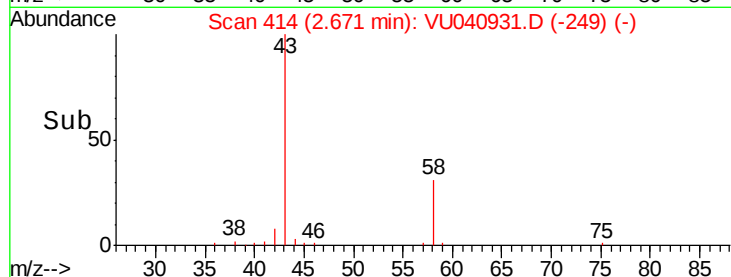
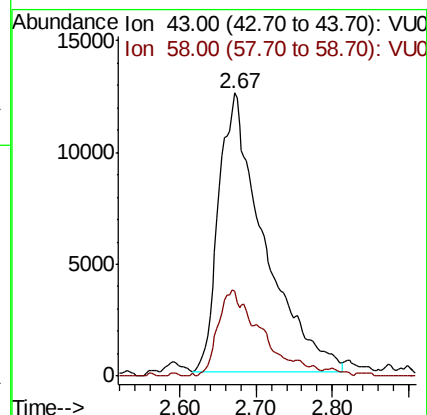
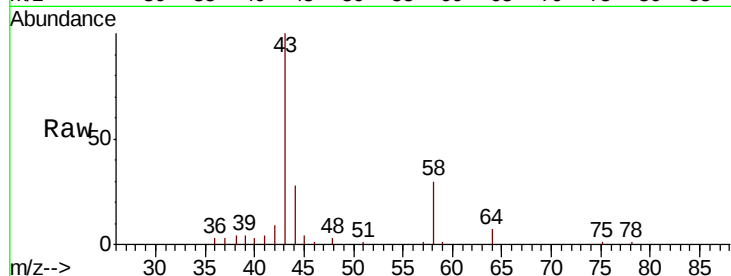
VU1023WBSD01

Tot Ion: 43 Resp: 52060

Ion Ratio Lower Upper

43 100

58 29.4 23.6 35.4



#14

Carbon Disulfide

Concen: 2.193 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040931.D

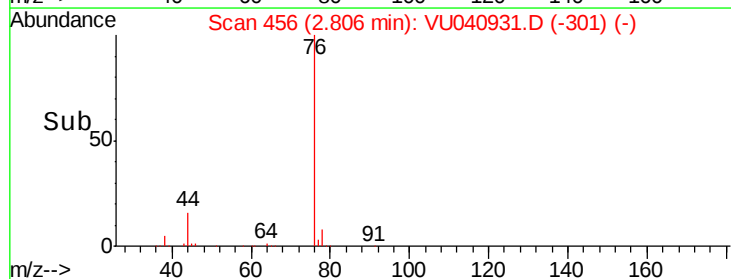
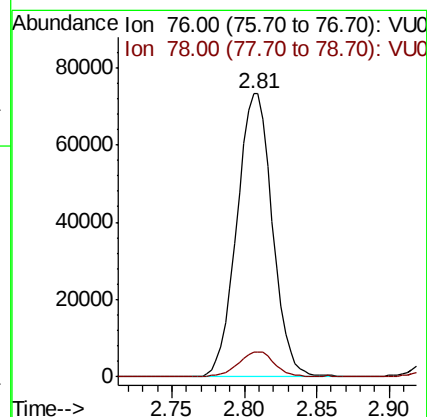
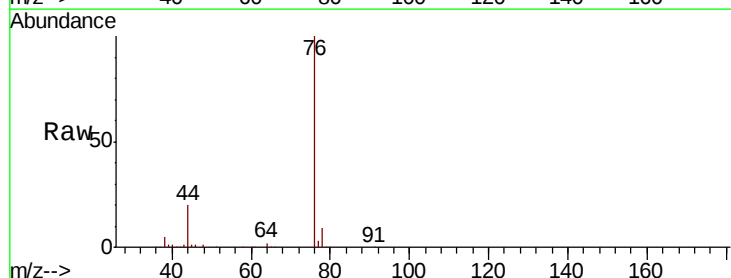
Acq: 23 Oct 2020 12:32

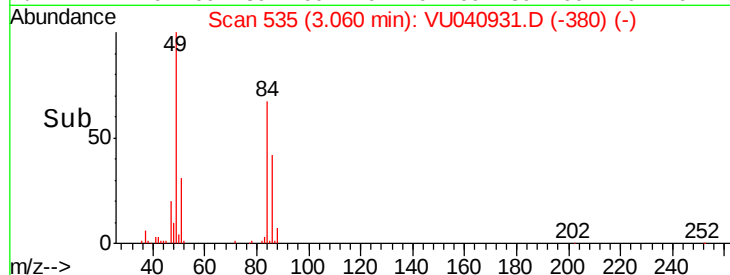
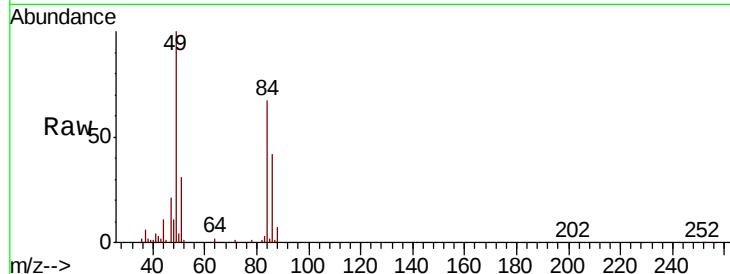
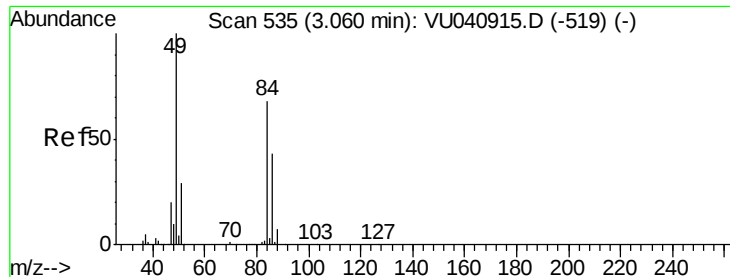
Tgt Ion: 76 Resp: 124406

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

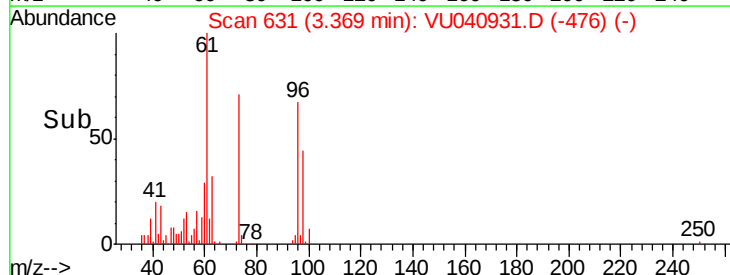
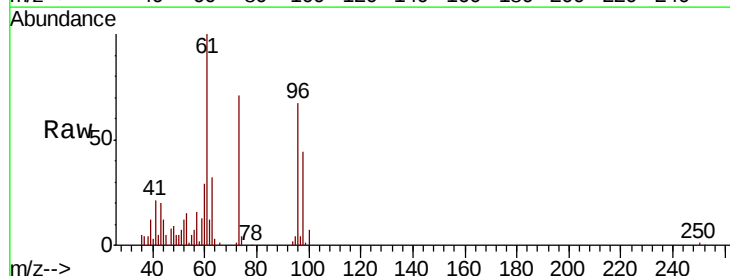
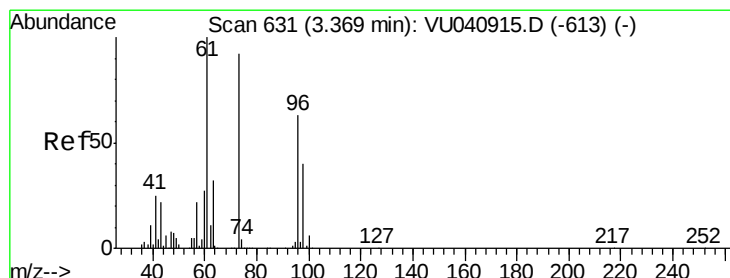
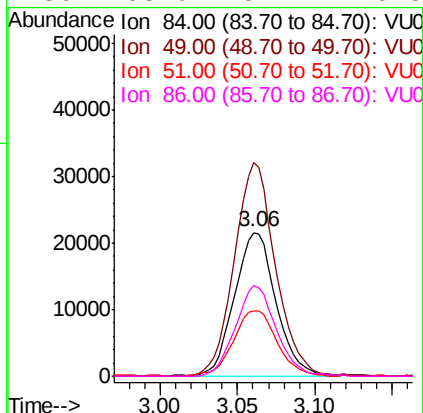




#15
Methvlene Chloride
Concen: 2.053 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

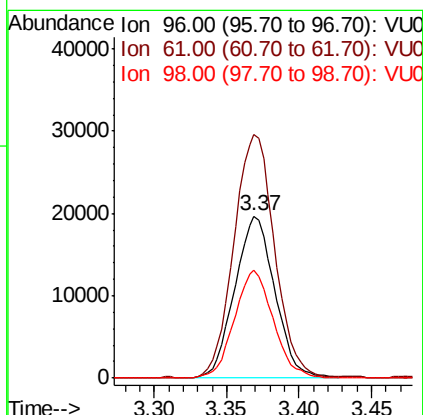
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

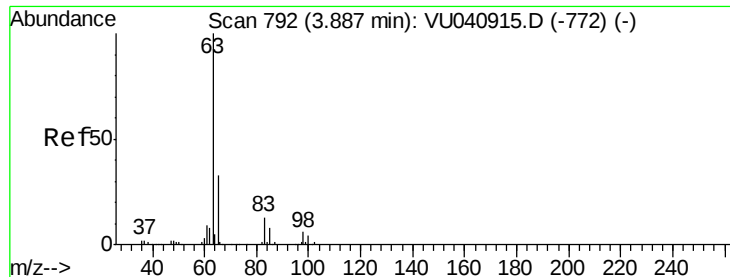
Tot Ion	Ratio	Lower	Upper
84	100		
49	148.5	118.2	177.4
51	45.7	0.0	86.8
86	63.0	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 2.213 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	127.0	190.4
98	66.8	51.2	76.8





#17

1,1-Dichloroethane

Concen: 2.125 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

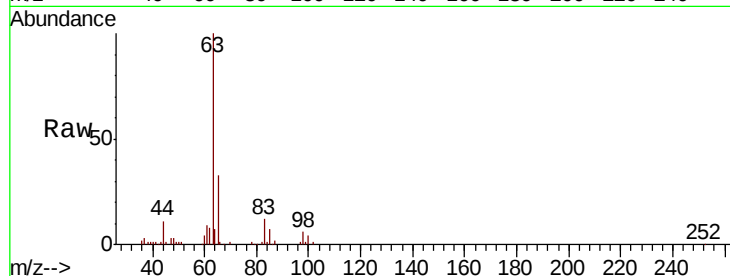
Tot Ion: 63 Resp: 74247

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

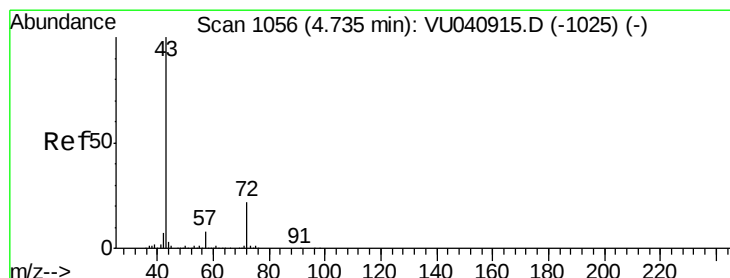
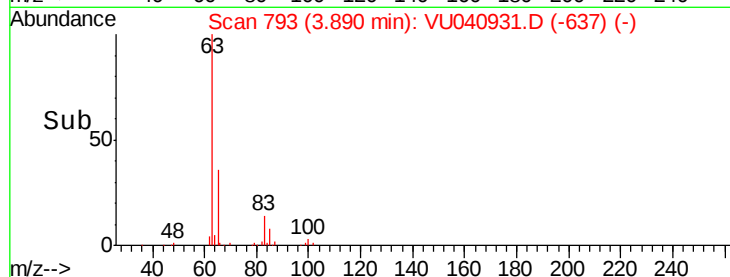
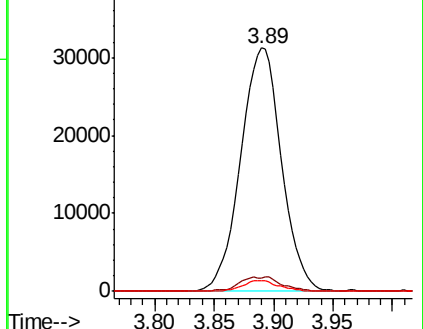
100 4.2 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VU040931.D (-637) (-)

Ion 98.00 (97.70 to 98.70): VU040931.D (-981) (-)

Ion 100.00 (99.70 to 100.70): VU040931.D (-1001) (-)



#18

2-Butanone

Concen: 10.516 ug/l

RT: 4.75 min Scan# 1061

Delta R.T. 0.02 min

Lab File: VU040931.D

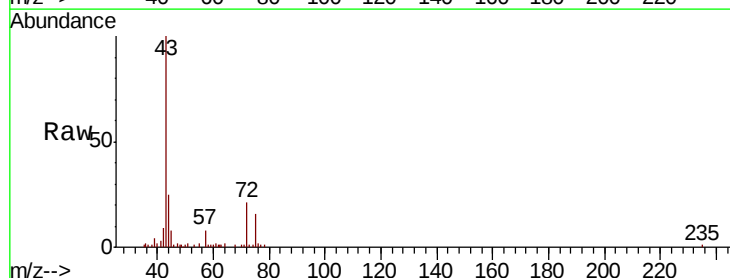
Acq: 23 Oct 2020 12:32

Tgt Ion: 43 Resp: 75770

Ion Ratio Lower Upper

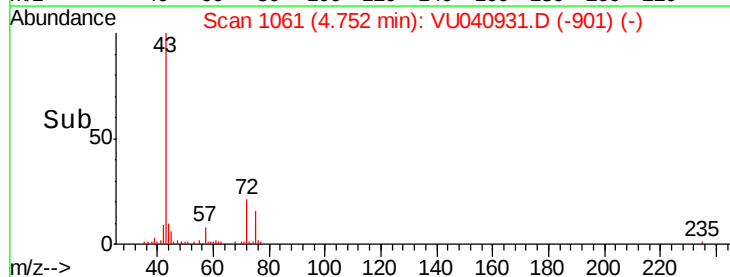
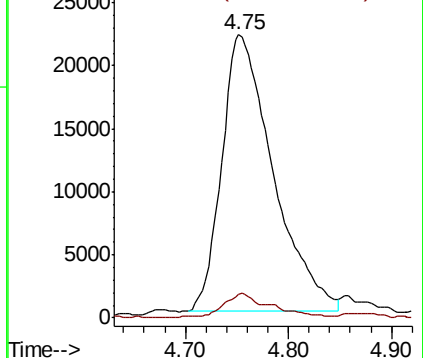
43 100

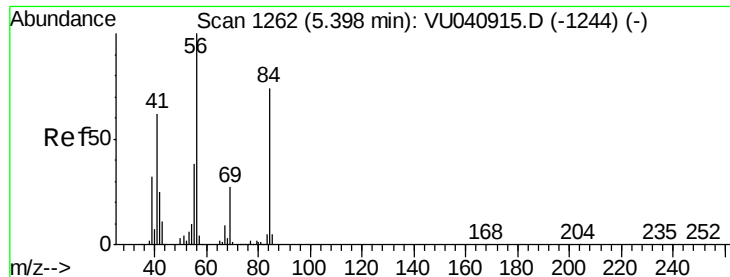
57 8.0 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040931.D (-901) (-)

Ion 57.00 (56.70 to 57.70): VU040931.D (-571) (-)

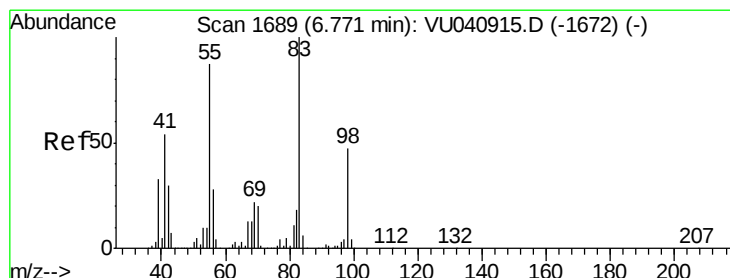
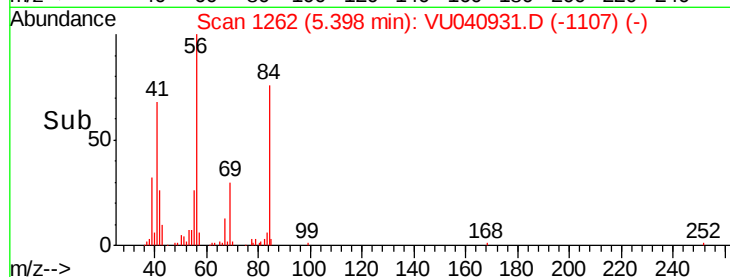
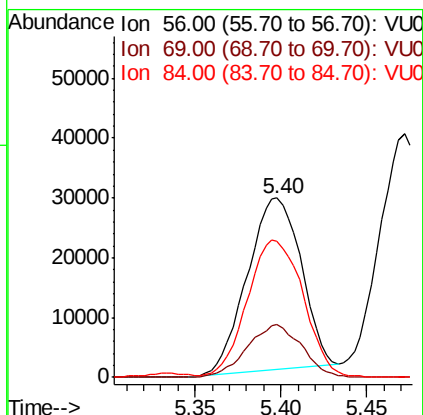
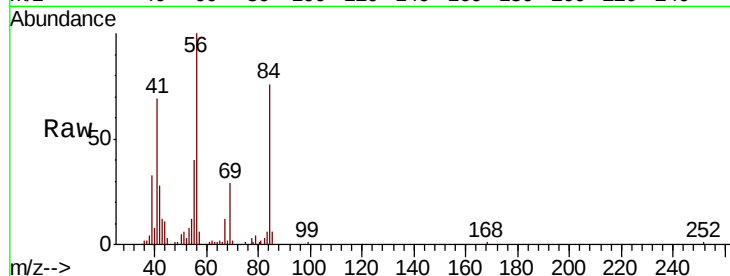




#19
Cyclohexane
Concen: 1.903 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

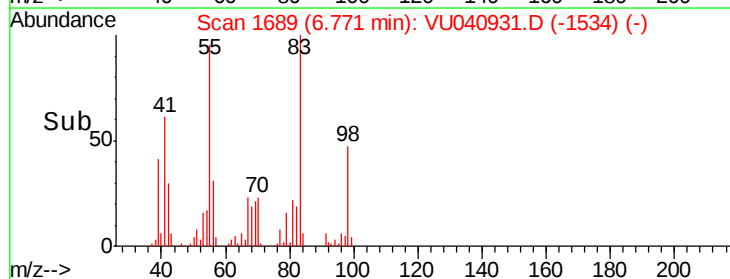
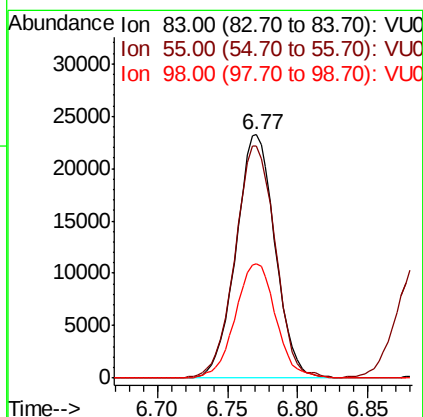
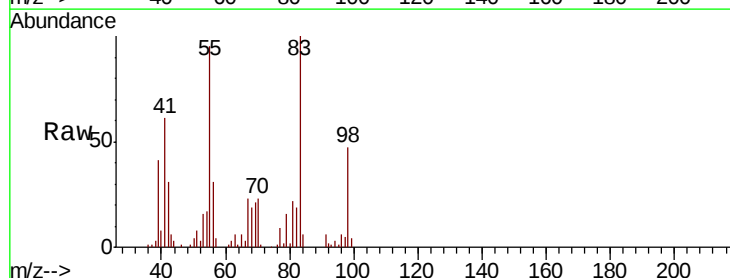
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

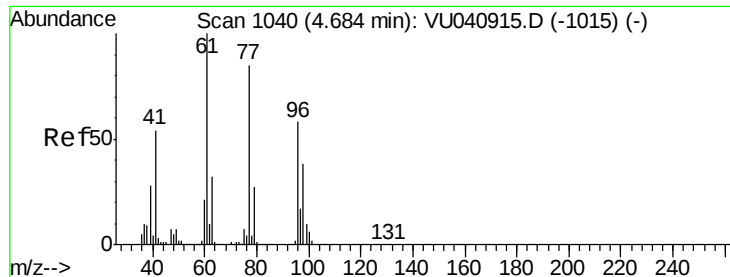
Tot Ion: 56 Resp: 62583
Ion Ratio Lower Upper
56 100
69 31.0 22.2 33.2
84 81.5 60.1 90.1



#20
Methylcyclohexane
Concen: 1.831 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 83 Resp: 45042
Ion Ratio Lower Upper
83 100
55 98.4 71.0 106.4
98 48.6 38.1 57.1





#21

2,2-Dichloropropane

Concen: 2.264 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

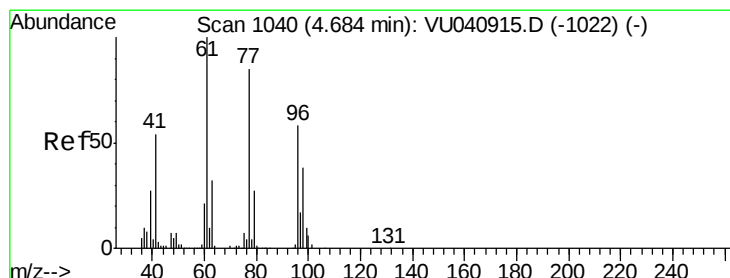
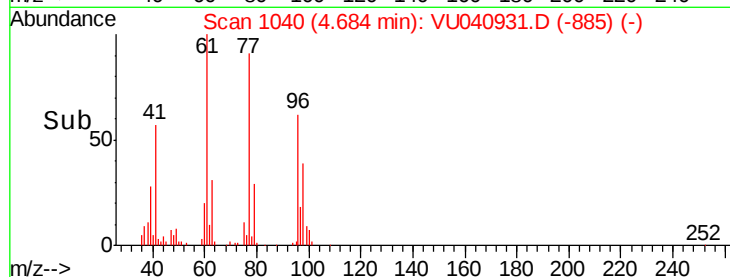
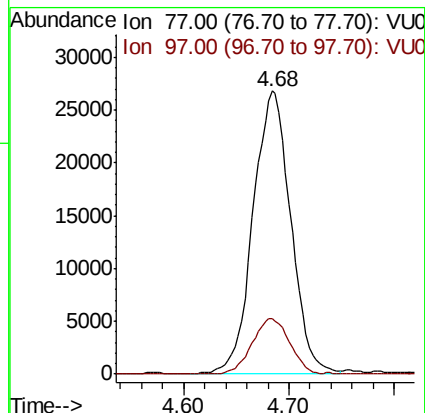
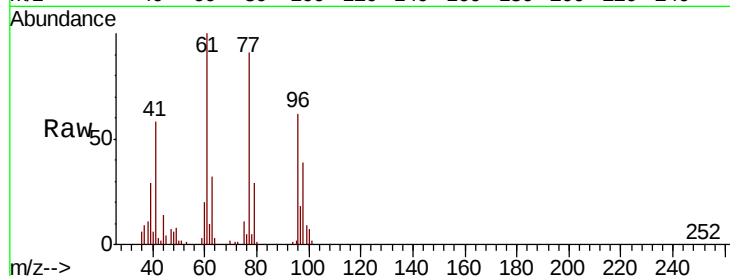
VU1023WBSD01

Tot Ion: 77 Resp: 66787

Ion Ratio Lower Upper

77 100

97 19.4 16.0 24.0



#22

cis-1,2-Dichloroethene

Concen: 2.166 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

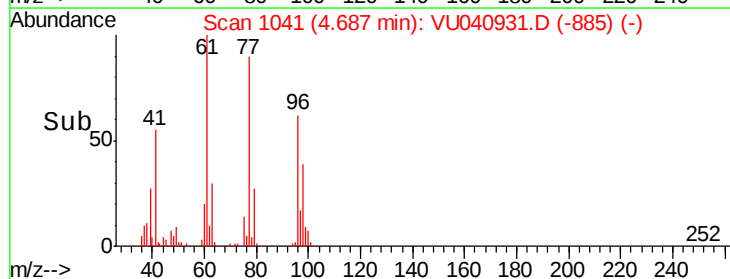
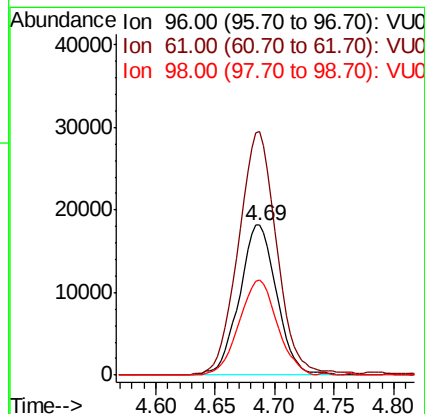
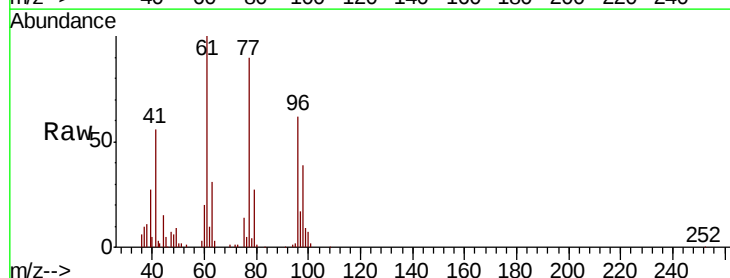
Tgt Ion: 96 Resp: 39480

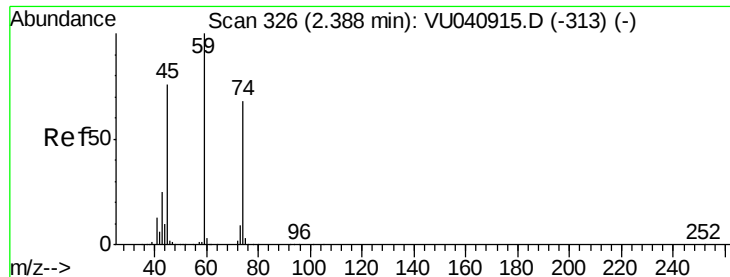
Ion Ratio Lower Upper

96 100

61 167.4 0.0 434.5

98 64.8 32.6 97.8

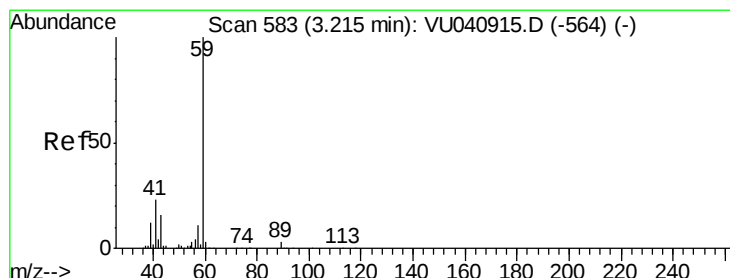
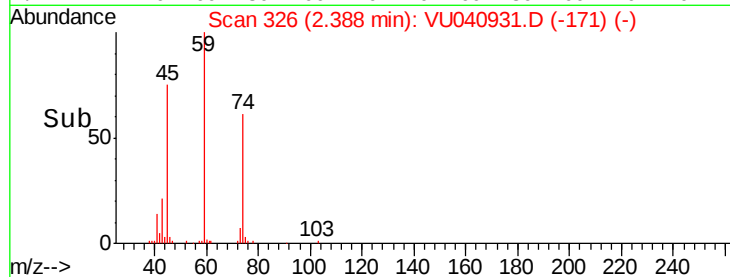
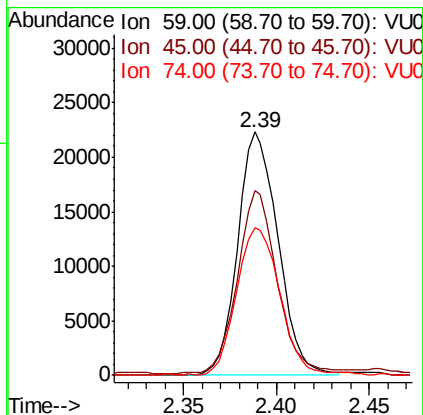
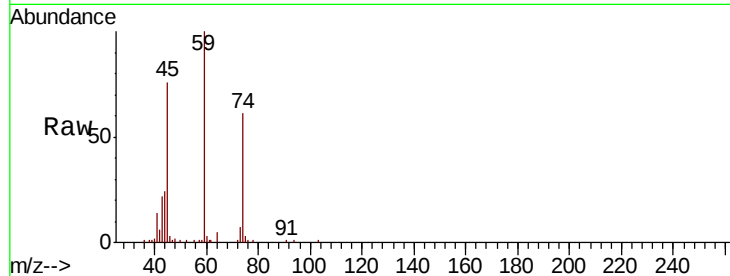




#23
Diethyl Ether
Concen: 2.268 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

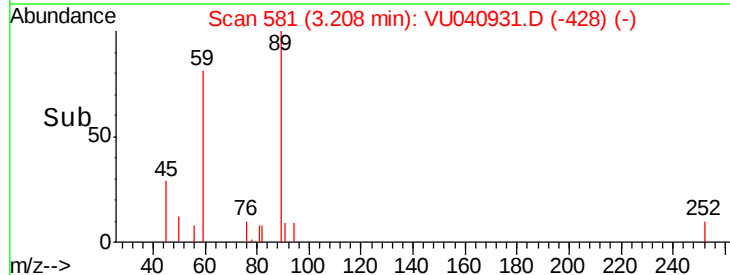
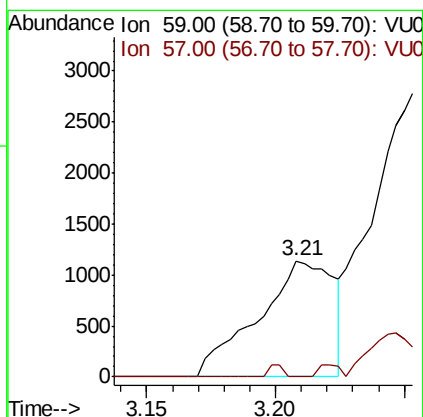
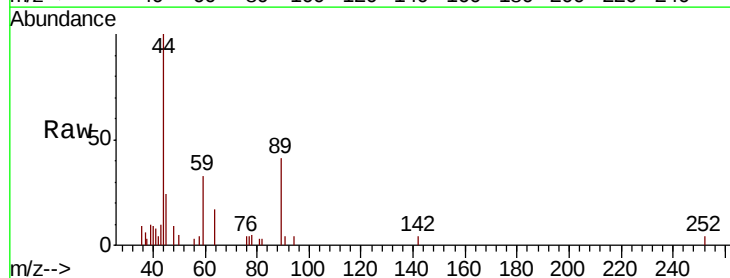
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

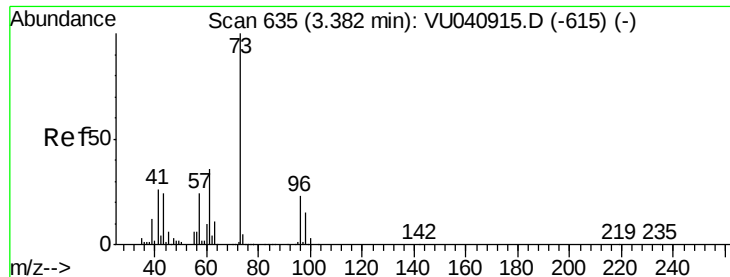
Tot Ion: 59 Resp: 33801
Ion Ratio Lower Upper
59 100
45 73.2 61.4 92.2
74 65.6 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 1.394 ug/l
RT: 3.21 min Scan# 581
Delta R.T. -0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 59 Resp: 2317
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



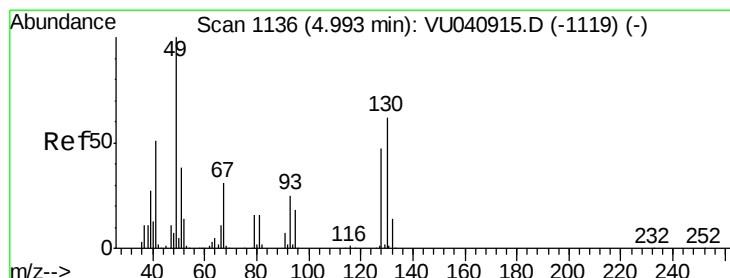
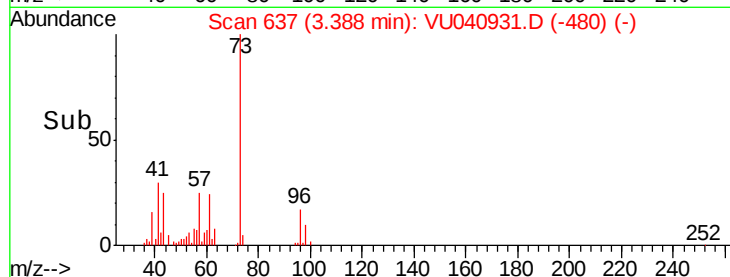
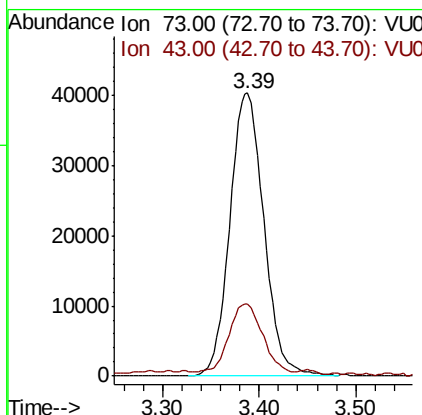
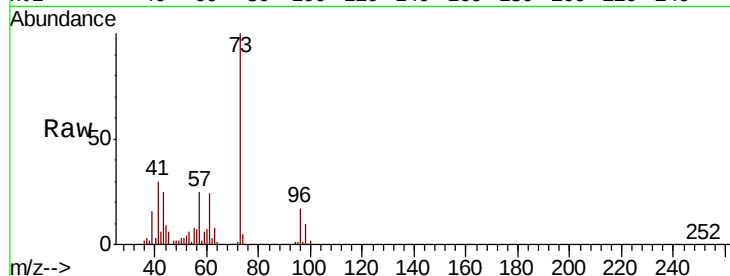


#25

Methyl tert-Butyl Ether
 Concen: 2.105 ug/l
 RT: 3.39 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

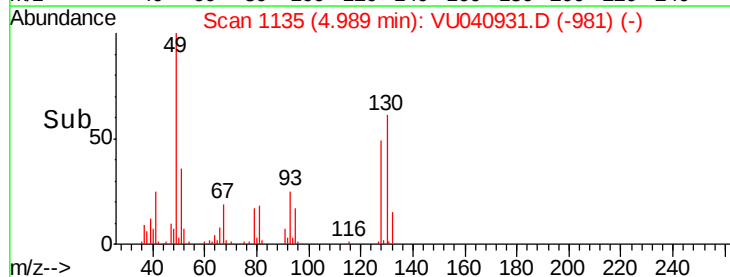
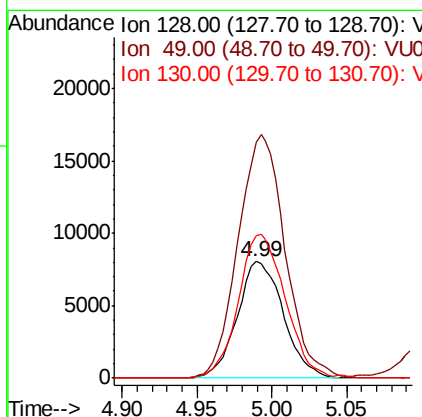
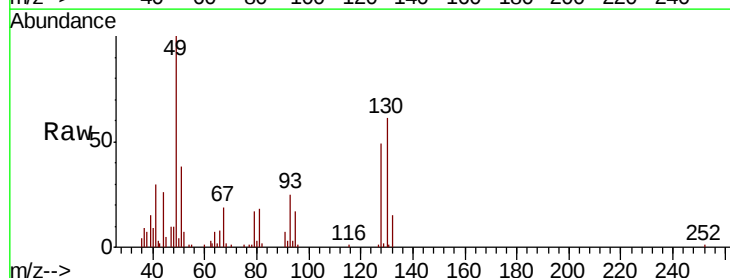
Tot Ion: 73 Resp: 98565
 Ion Ratio Lower Upper
 73 100
 43 24.0 19.0 28.6

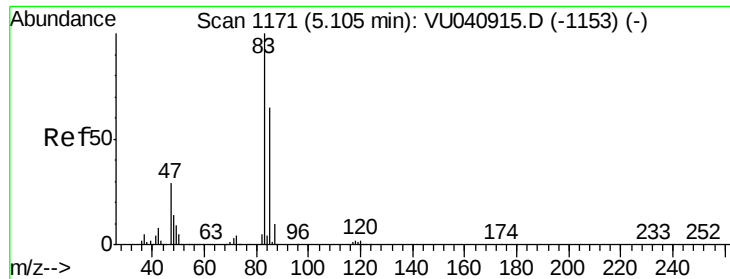


#26

Bromochloromethane
 Concen: 2.185 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 128 Resp: 17313
 Ion Ratio Lower Upper
 128 100
 49 212.2 0.0 426.4
 130 125.8 106.2 159.4

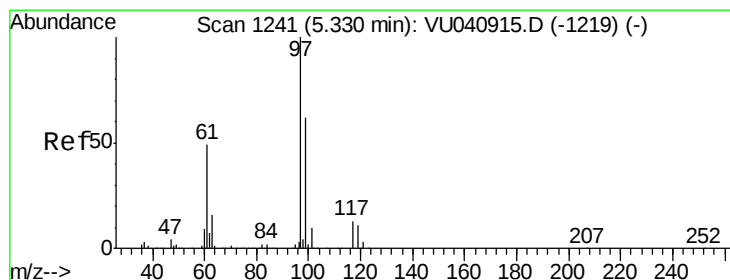
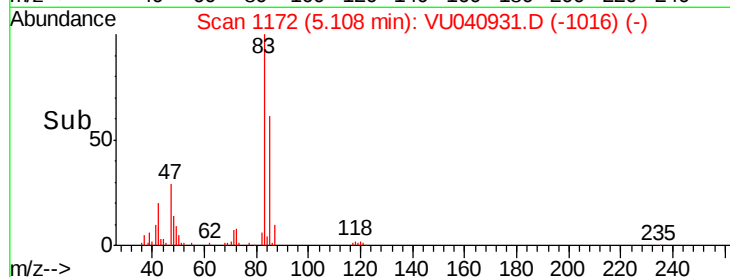
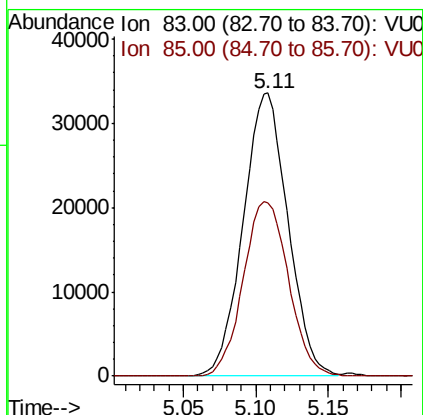
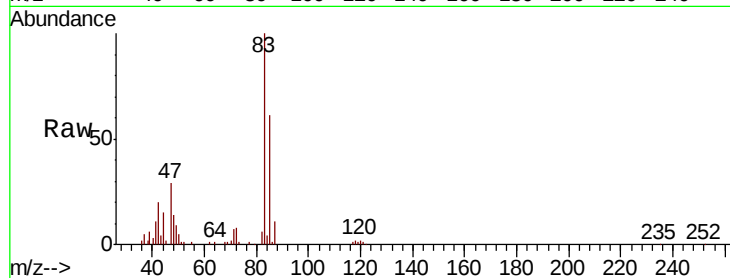




#27
Chloroform
Concen: 2.159 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

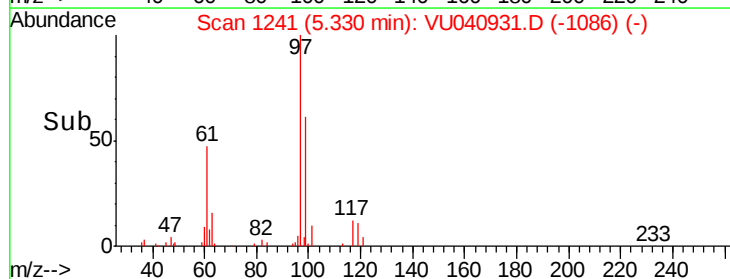
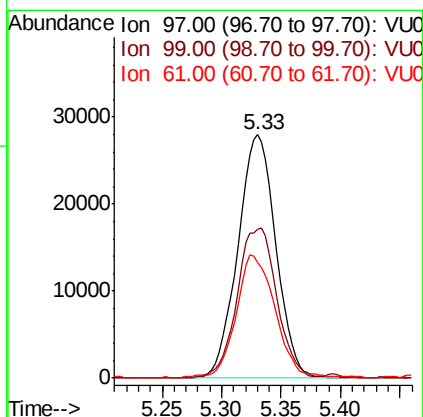
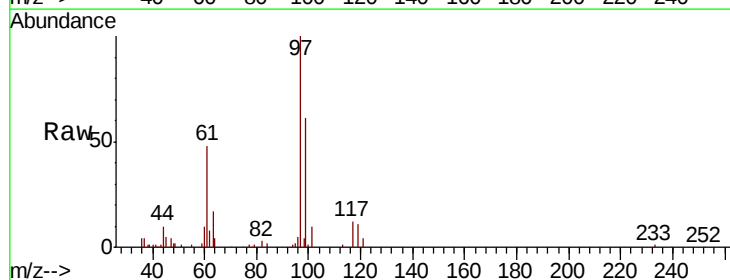
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

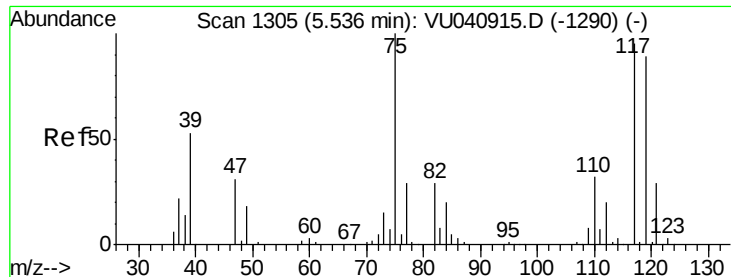
Tot Ion: 83 Resp: 72087
Ion Ratio Lower Upper
83 100
85 61.3 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 2.149 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 97 Resp: 61866
Ion Ratio Lower Upper
97 100
99 64.2 31.4 94.3
61 52.1 24.7 74.1





#29

1,1-Dichloropropene

Concen: 2.034 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

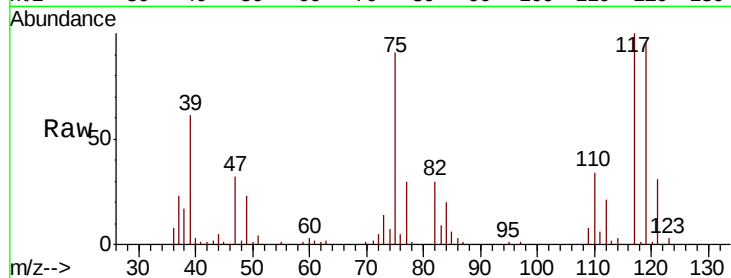
Tot Ion: 75 Resp: 51315

Ion Ratio Lower Upper

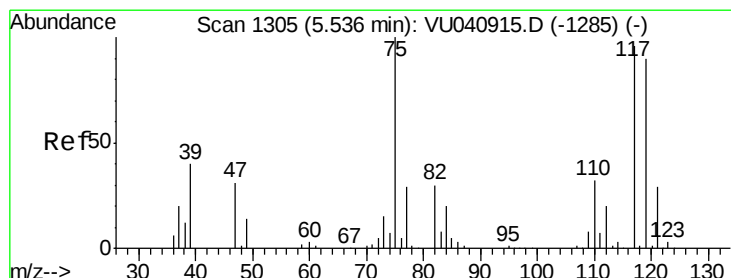
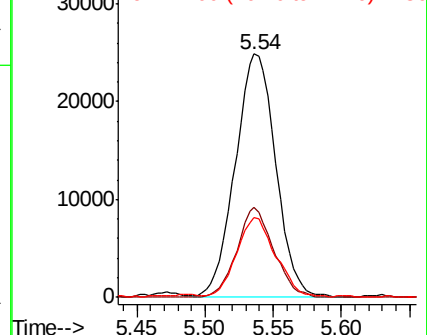
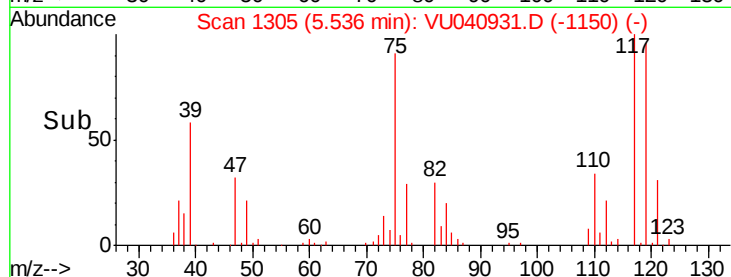
75 100

110 33.4 15.9 47.6

77 31.5 24.2 36.2



Abundance Ion 75.00 (74.70 to 75.70): VU040931.D (-1150) (-)



#30

Carbon Tetrachloride

Concen: 2.185 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

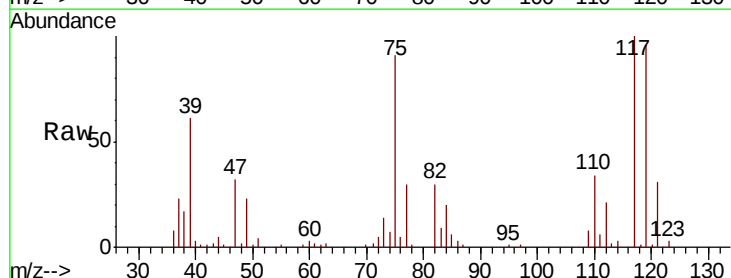
Tgt Ion: 117 Resp: 56943

Ion Ratio Lower Upper

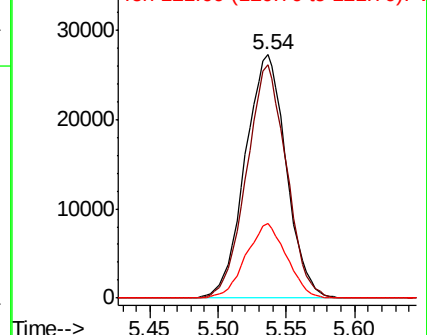
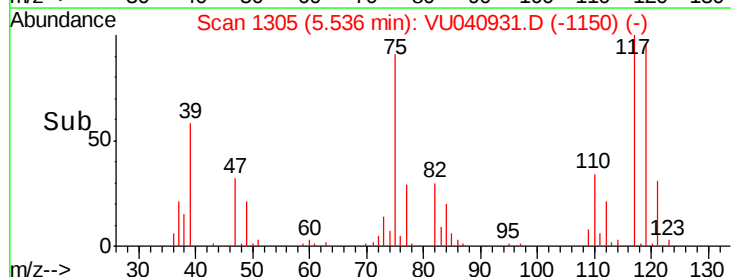
117 100

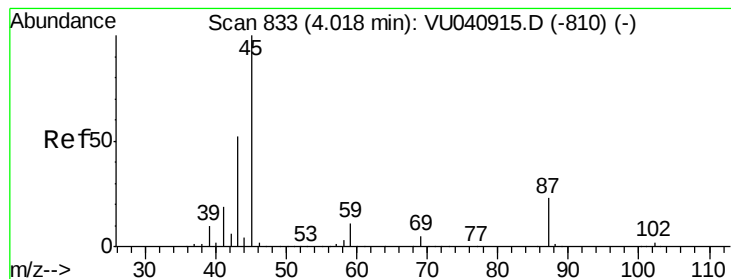
119 95.7 74.9 112.3

121 30.7 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): VU040931.D (-1150) (-)





#31

Isopropyl Ether

Concen: 2.108 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

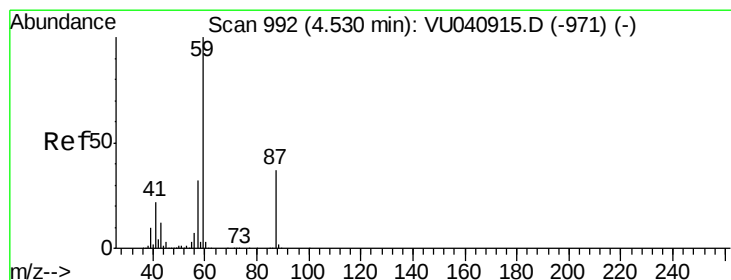
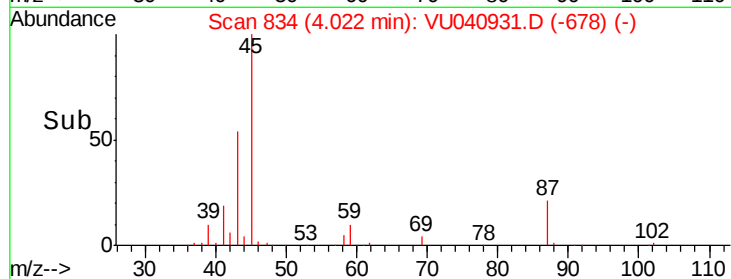
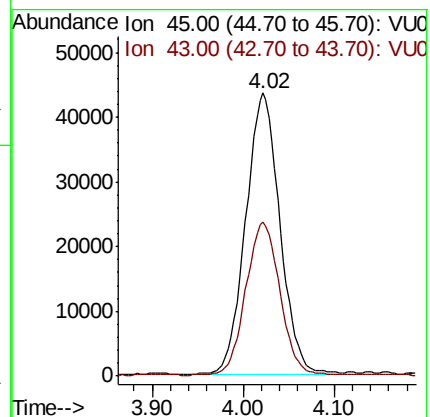
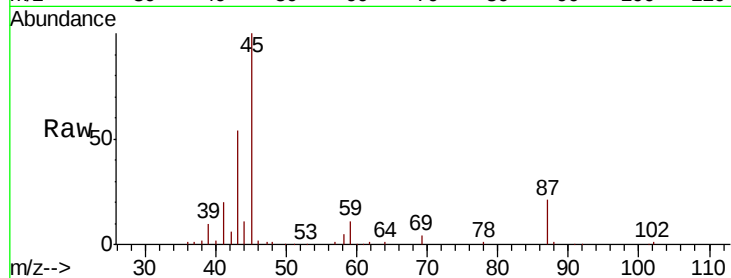
VU1023WBSD01

Tot Ion: 45 Resp: 113884

Ion Ratio Lower Upper

45 100

43 53.7 26.8 80.3



#32

Ethyl-t-butyl ether

Concen: 2.082 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040931.D

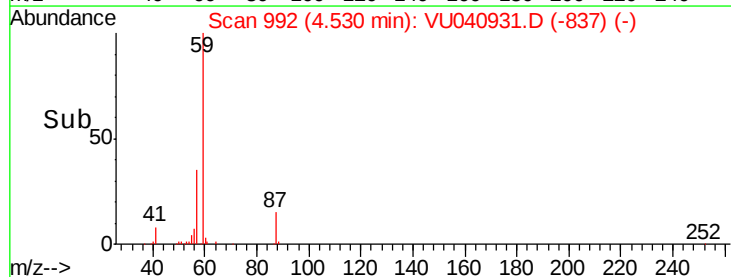
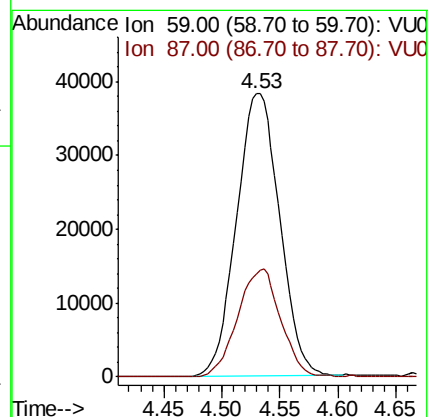
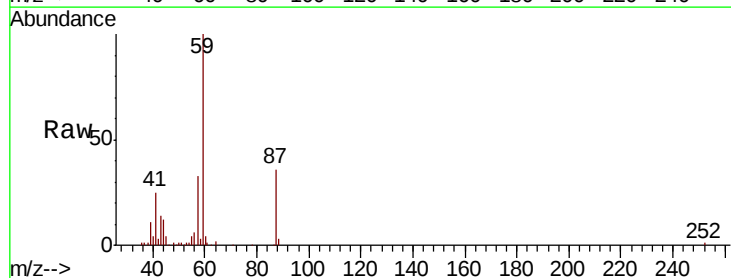
Acq: 23 Oct 2020 12:32

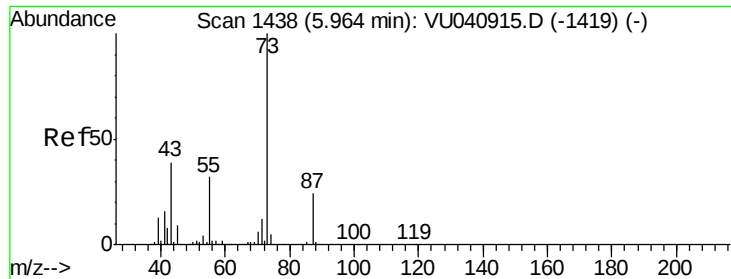
Tgt Ion: 59 Resp: 99088

Ion Ratio Lower Upper

59 100

87 37.5 30.6 46.0



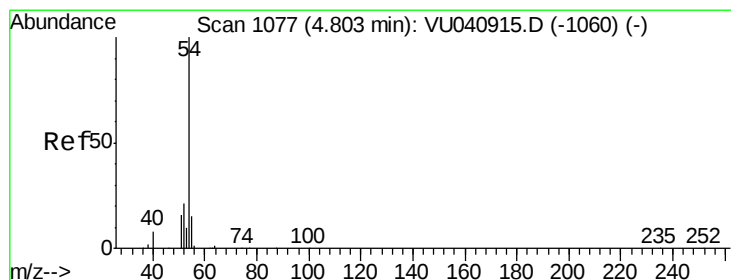
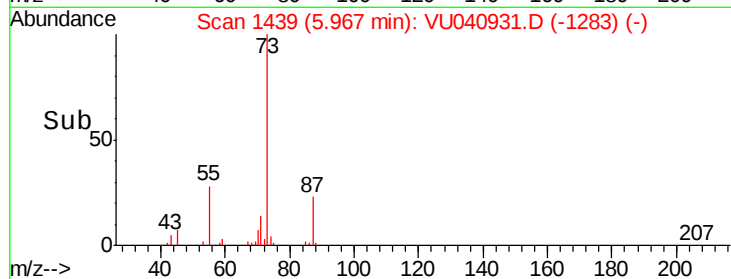
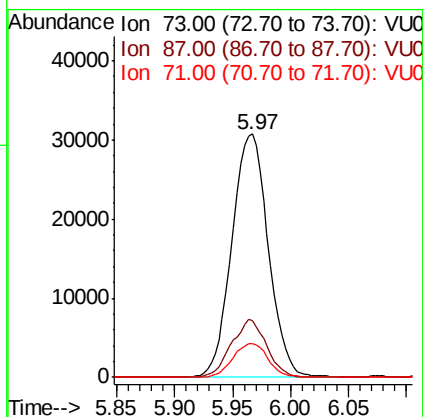
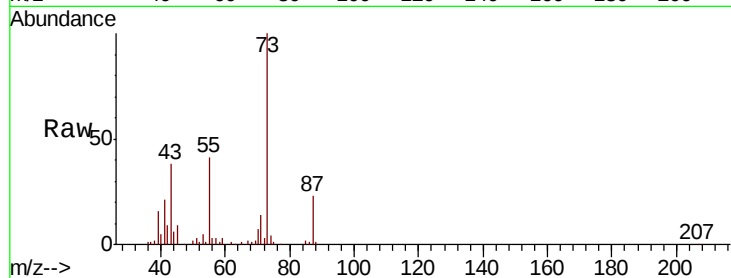


#33

Tert-Butyl methyl ether
 Concen: 1.889 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

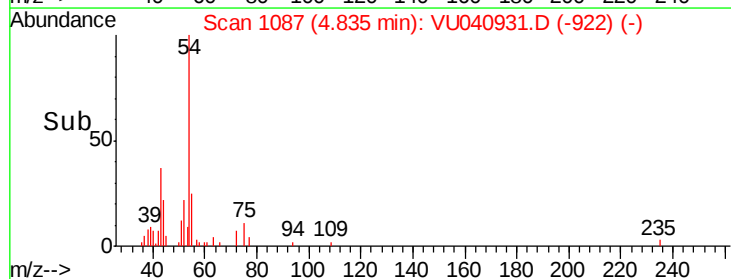
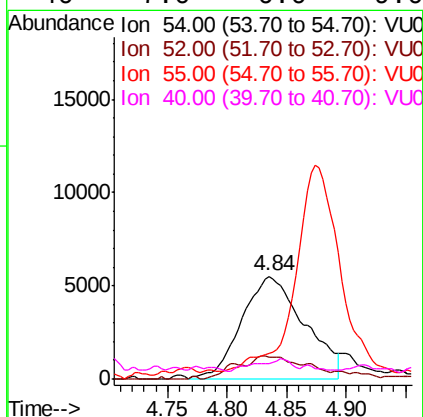
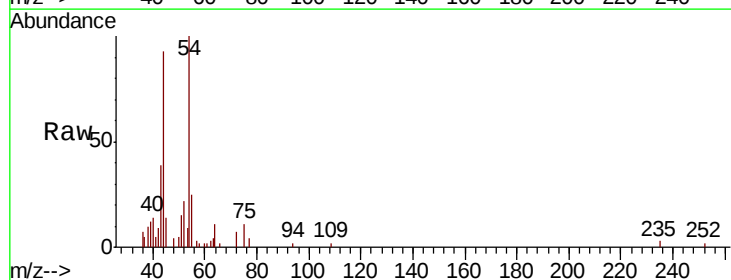
Tot Ion	Ratio	Lower	Upper
73	100		
87	22.9	19.0	28.4
71	13.4	9.7	14.5

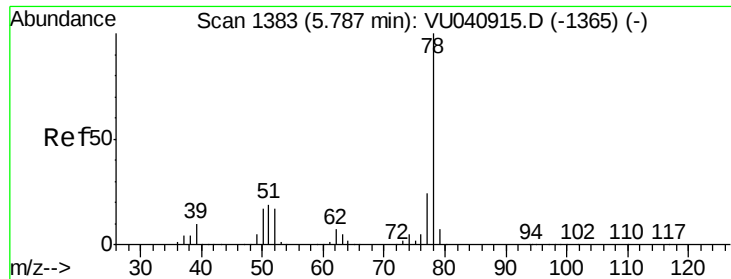


#34

Propionitrile
 Concen: 10.172 ug/l
 RT: 4.84 min Scan# 1087
 Delta R.T. 0.03 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
54	100		
52	7.2	15.5	23.3#
55	0.0	12.5	18.7#
40	7.0	6.0	9.0





#35

Benzene

Concen: 2.073 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

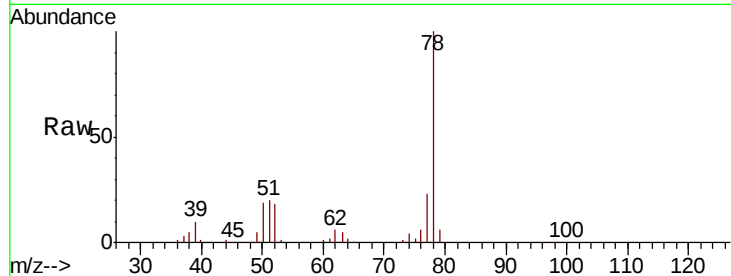
VU1023WBSD01

Tot Ion: 78 Resp: 144966

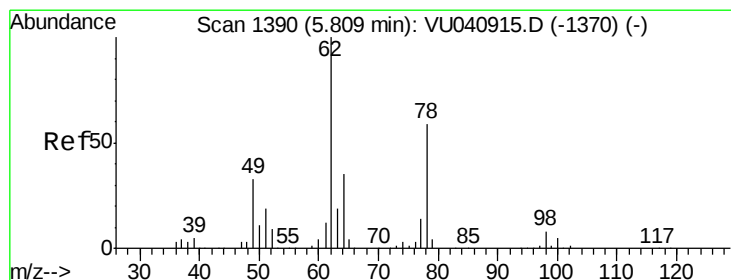
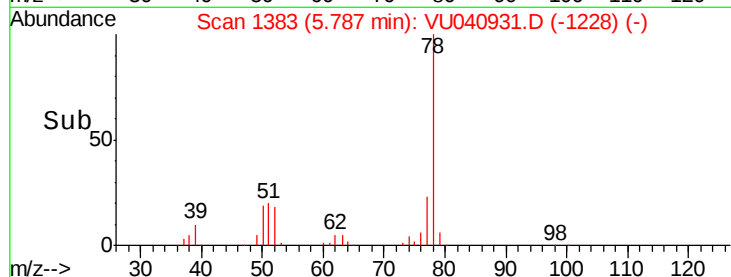
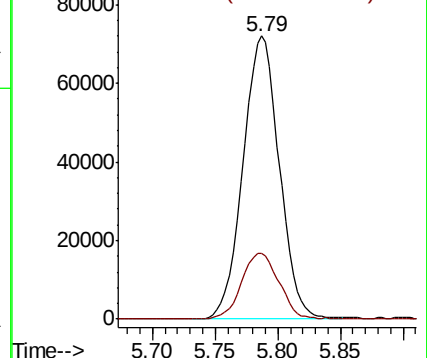
Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040931.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 2.195 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040931.D

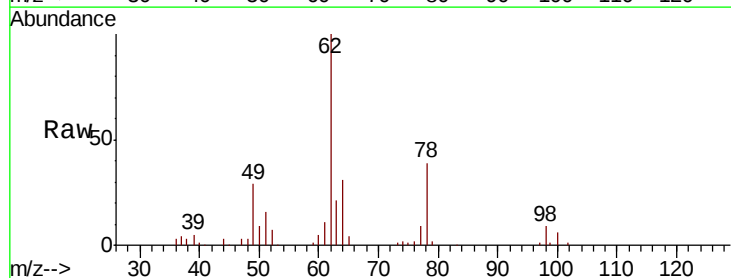
Acq: 23 Oct 2020 12:32

Tgt Ion: 62 Resp: 56908

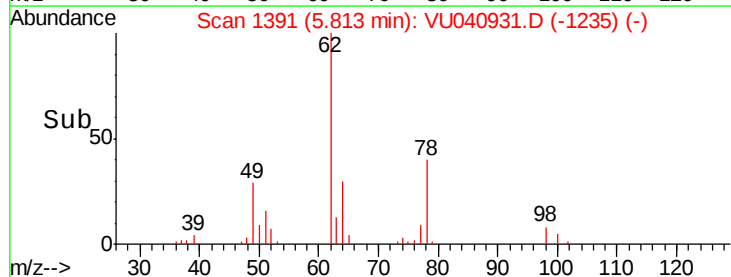
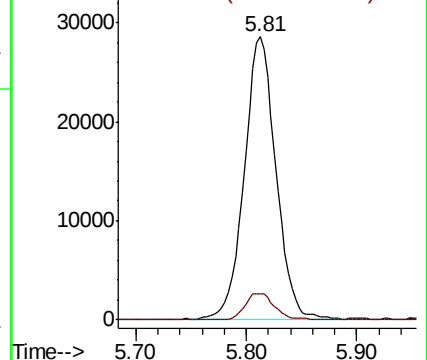
Ion Ratio Lower Upper

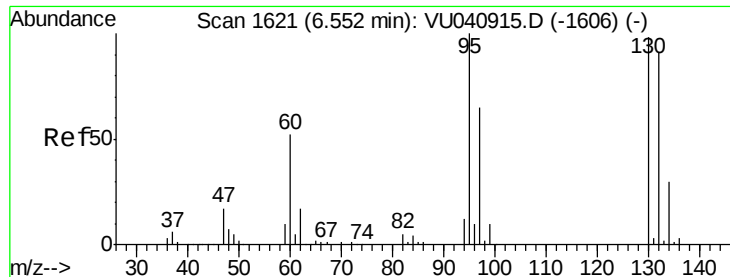
62 100

98 8.8 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040931.D (-1235) (-)

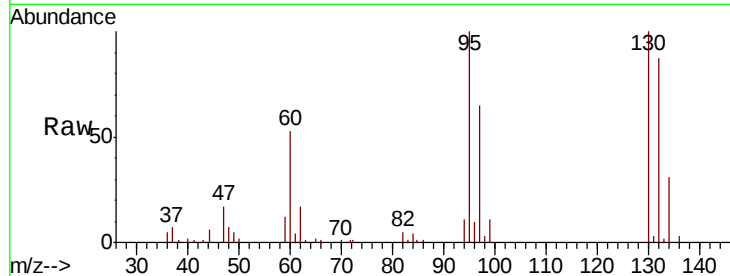




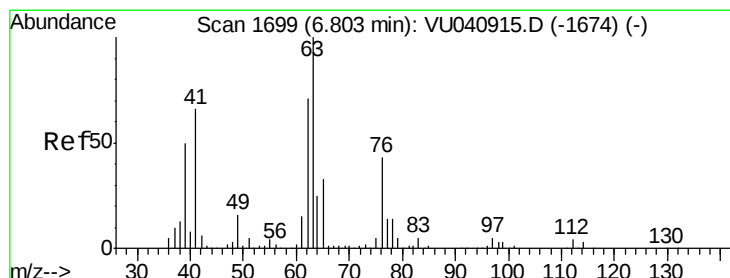
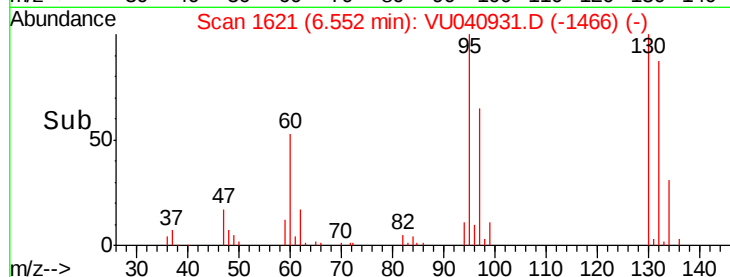
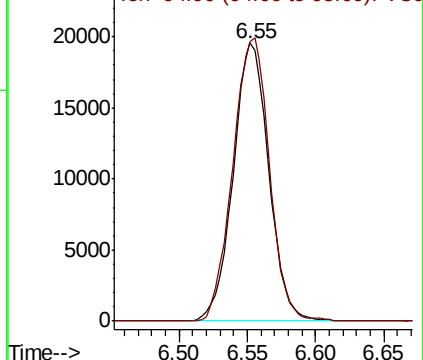
#37
 Trichloroethene
 Concen: 2.148 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion:130 Resp: 35500
 Ion Ratio Lower Upper
 130 100
 95 100.4 81.9 122.9

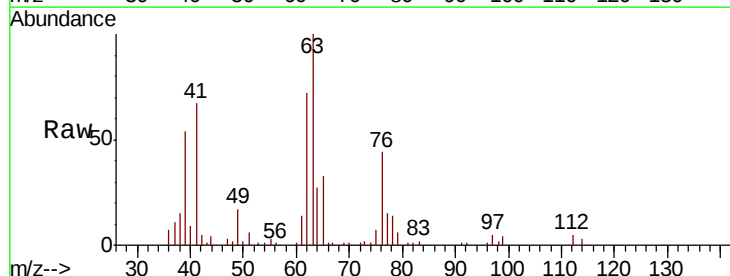


Abundance Ion 129.90 (129.60 to 130.60): VU040931.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040931.D (-1606) (-)

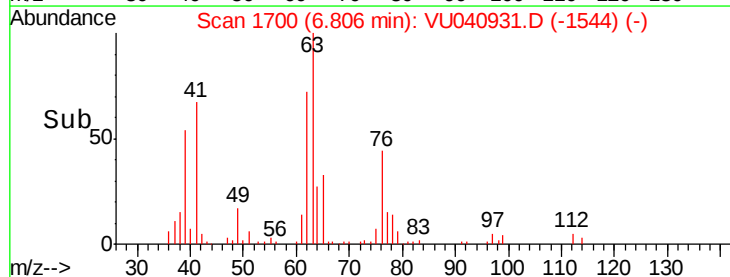
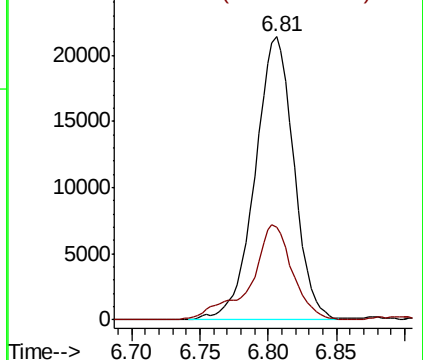


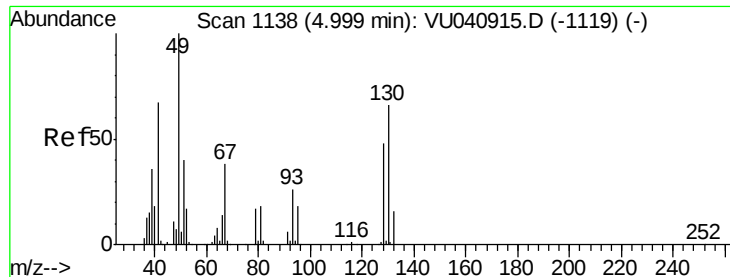
#38
 1,2-Dichloropropane
 Concen: 2.131 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 63 Resp: 42272
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040931.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040931.D (-1674) (-)

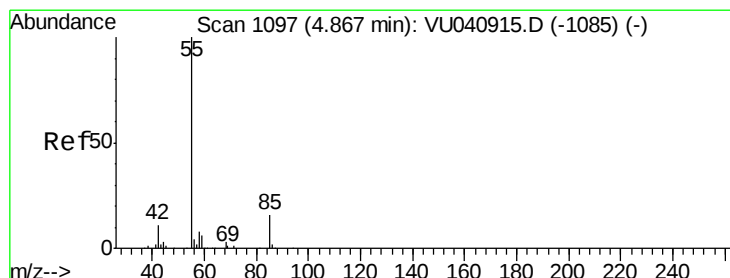
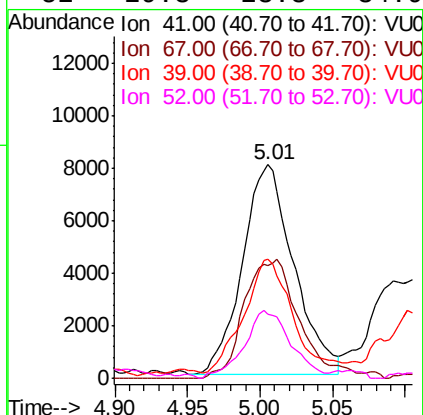
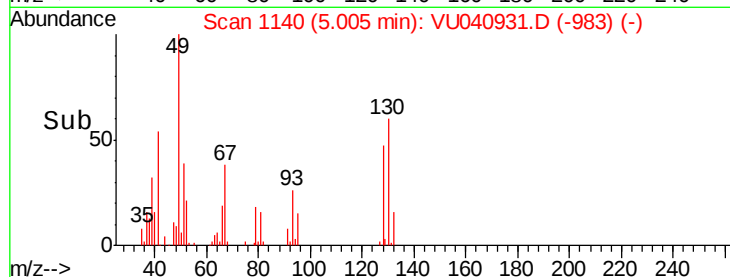
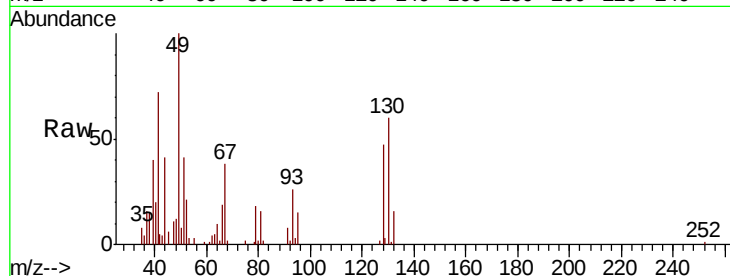




#39
Methacrylonitrile
Concen: 2.125 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

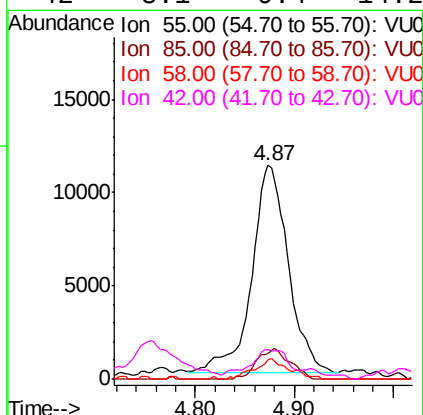
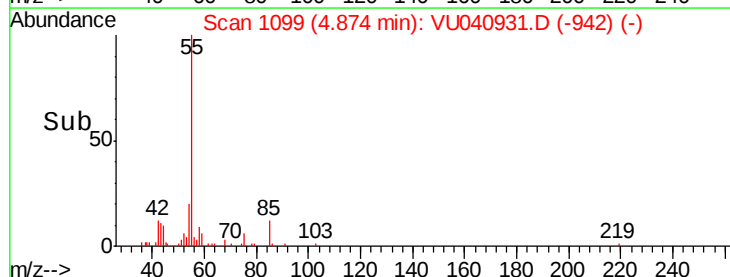
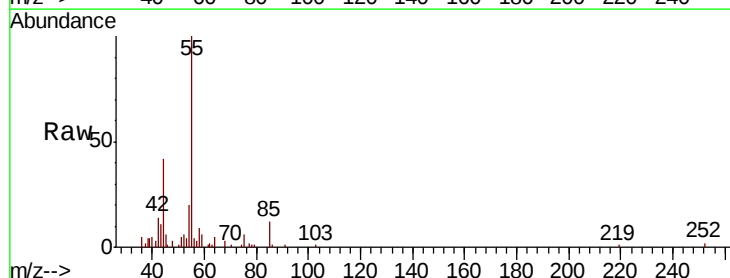
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

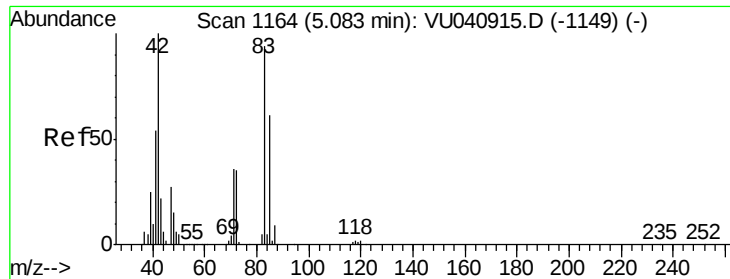
Tot Ion:	41	Resp:	19712
Ion	Ratio	Lower	Upper
41	100		
67	60.7	48.7	73.1
39	51.2	44.6	67.0
52	29.3	23.3	34.9



#40
Methyl acrylate
Concen: 2.239 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:	55	Resp:	28470
Ion	Ratio	Lower	Upper
55	100		
85	13.0	12.2	18.2
58	9.1	6.8	10.2
42	8.1	9.4	14.2#

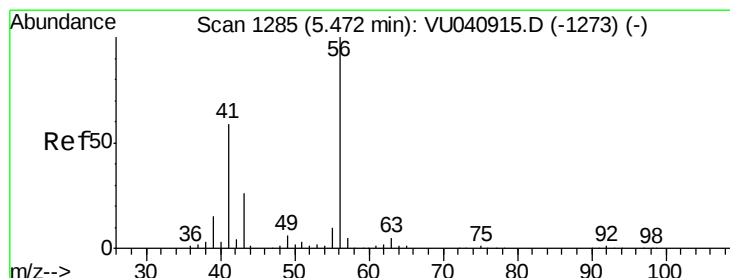
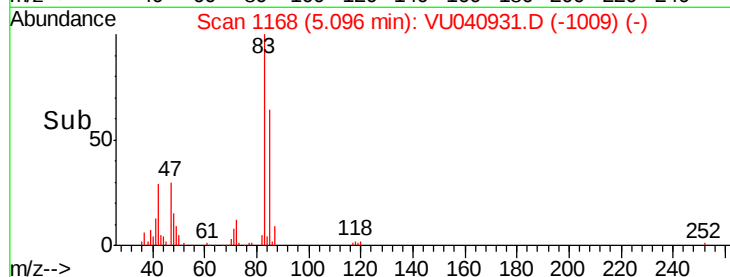
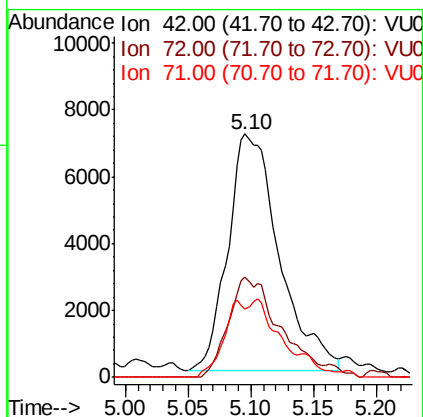
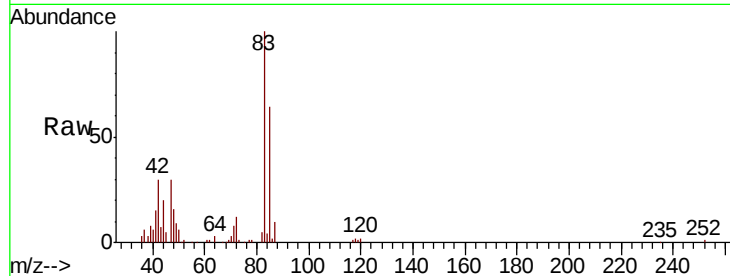




#41
Tetrahydrofuran
Concen: 4.251 ug/l
RT: 5.10 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

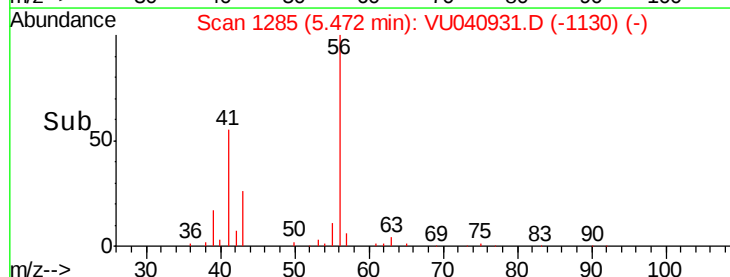
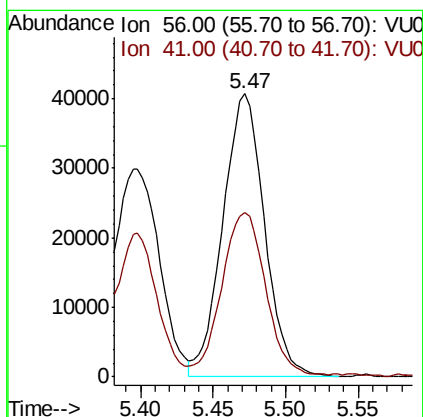
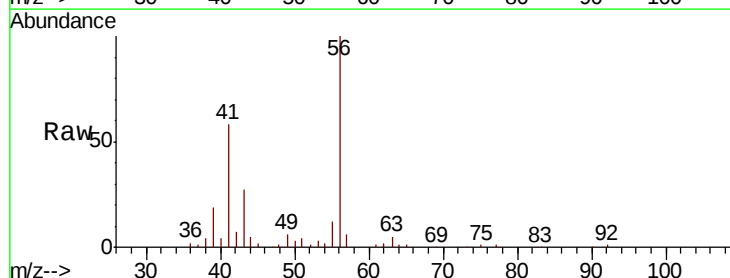
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

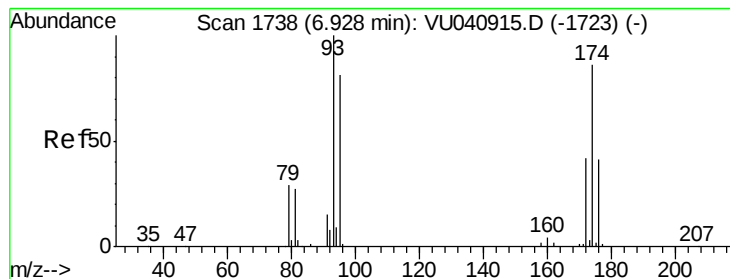
Tot Ion: 42 Resp: 20280
Ion Ratio Lower Upper
42 100
72 41.6 30.1 45.1
71 13.6 27.9 41.9#



#42
1-Chlorobutane
Concen: 2.128 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 56 Resp: 81164
Ion Ratio Lower Upper
56 100
41 59.4 29.6 88.8





#43

Dibromomethane

Concen: 2.053 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

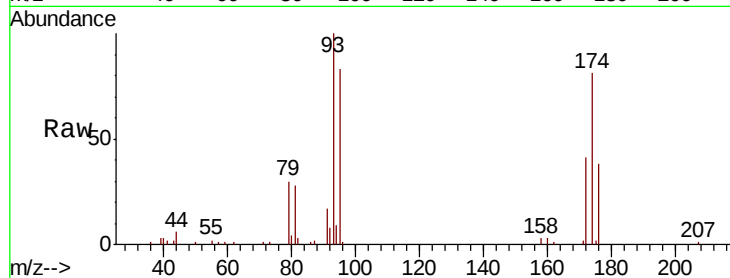
Tot Ion: 93 Resp: 22825

Ion Ratio Lower Upper

93 100

95 85.3 66.3 99.5

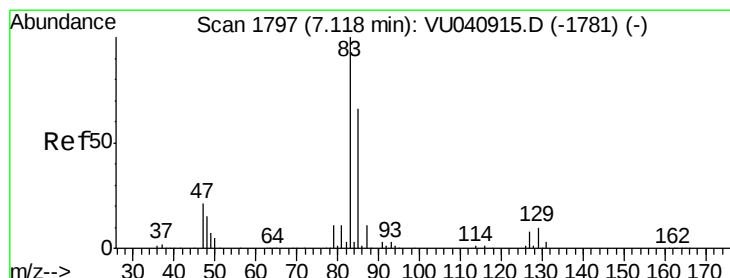
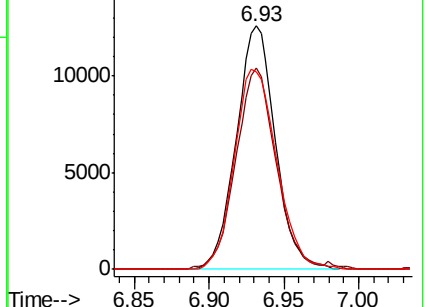
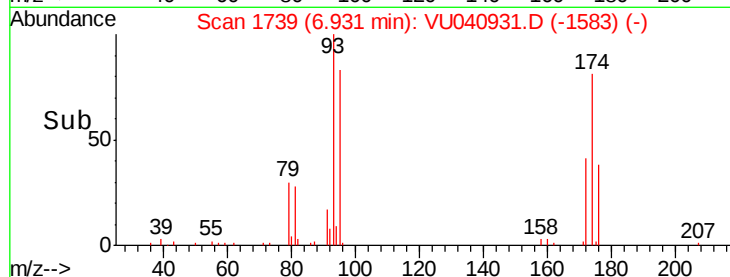
174 89.4 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040931.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU040931.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU040931.D (-1583) (-)



#44

Bromodichloromethane

Concen: 2.121 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

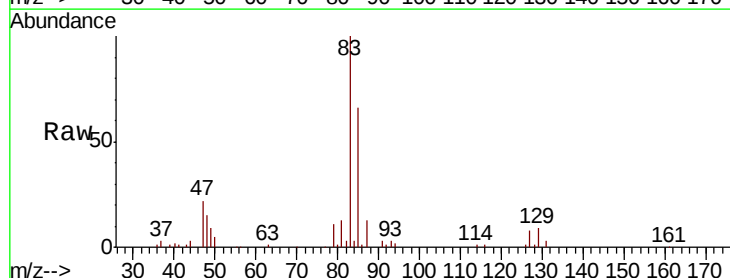
Tgt Ion: 83 Resp: 54753

Ion Ratio Lower Upper

83 100

85 65.9 52.6 78.8

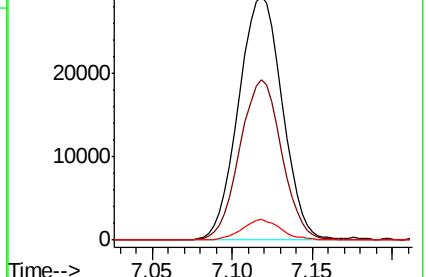
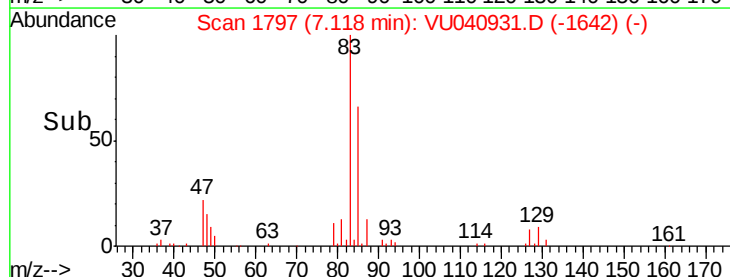
127 8.4 6.4 9.6

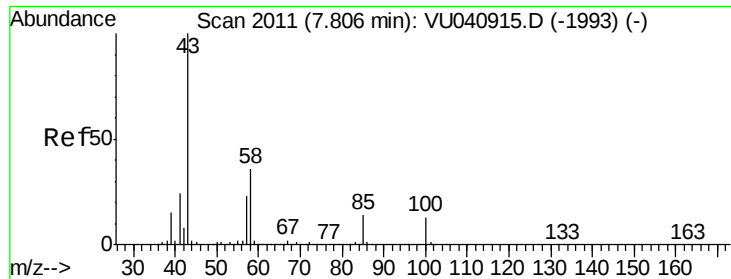


Abundance Ion 83.00 (82.70 to 83.70): VU040931.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU040931.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU040931.D (-1642) (-)

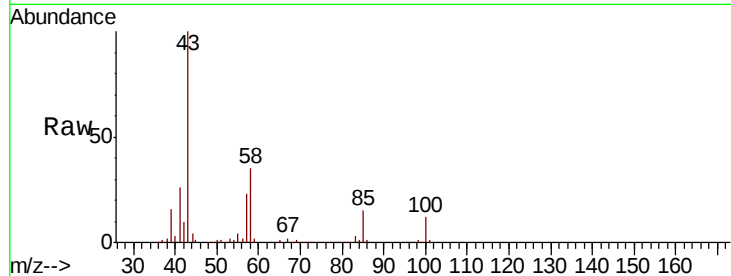




#45
4-Methyl-2-Pentanone
Concen: 9.337 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.2	17.8	53.5
85	14.9	11.4	17.2

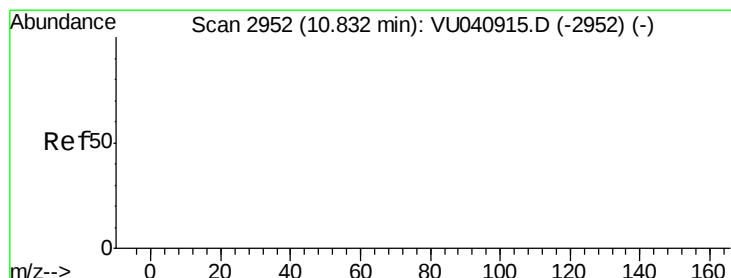
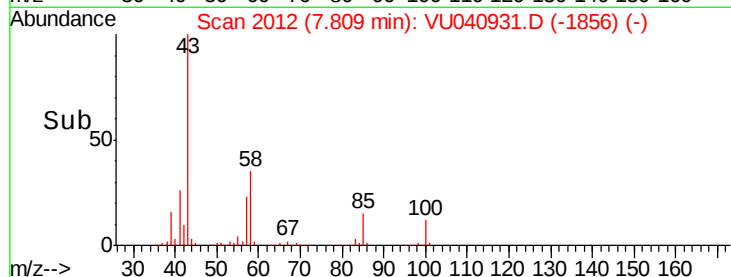
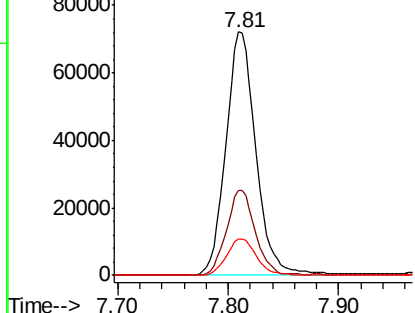


Abundance

Ion 43.00 (42.70 to 43.70): VU0

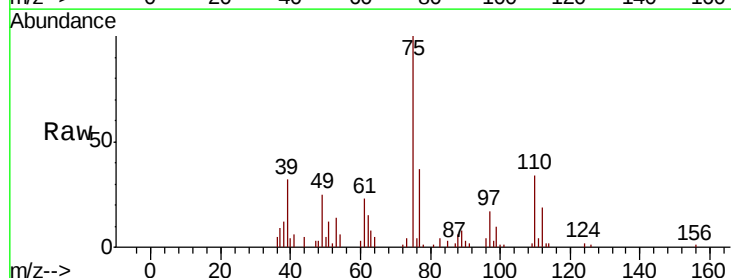
Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
t-1,4-Dichloro-2-butene
Concen: 8.812 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
53	41.0	73.0	109.4#
89	23.0	41.7	62.5#
88	18.8	34.4	51.6#



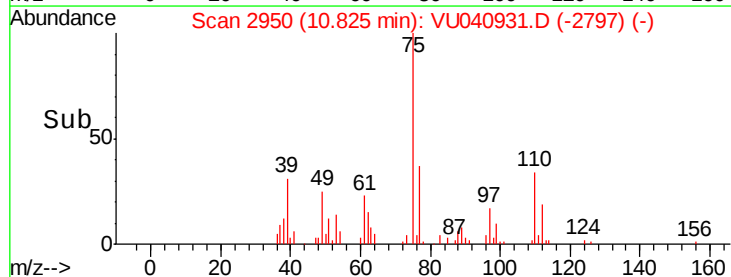
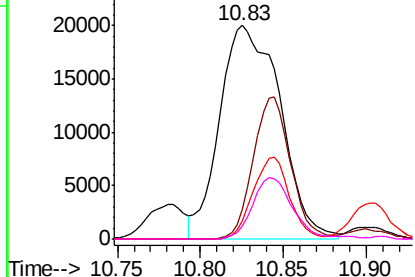
Abundance

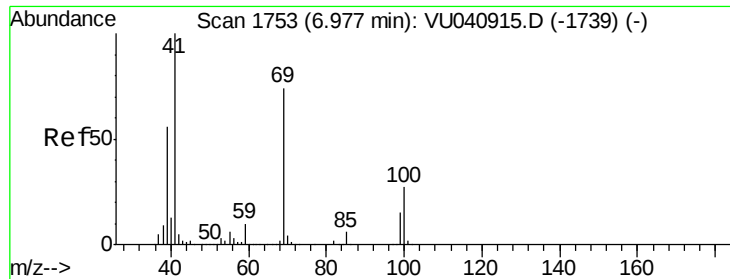
Ion 74.90 (74.60 to 75.60): VU0

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

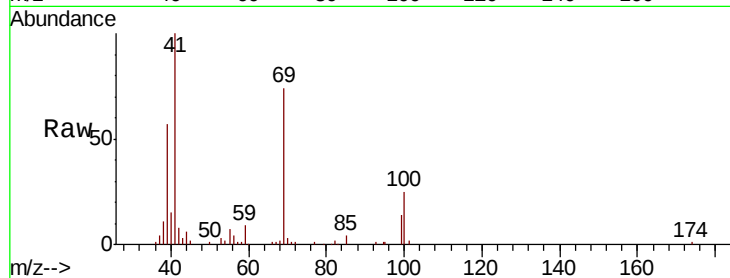




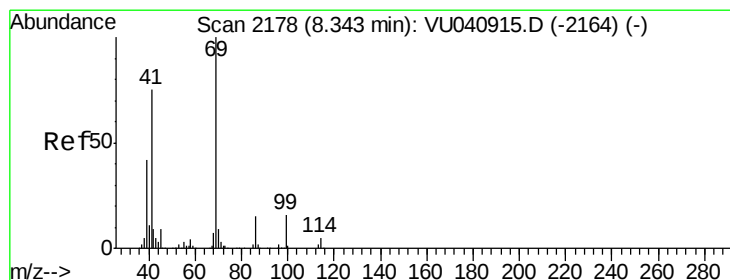
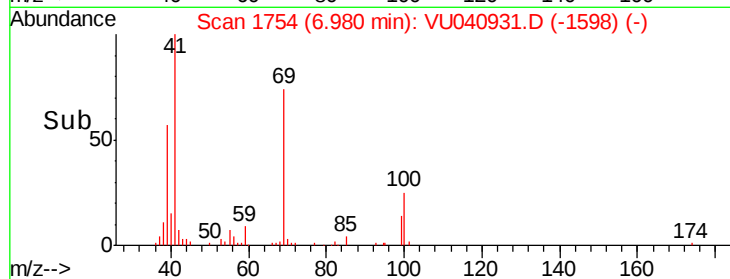
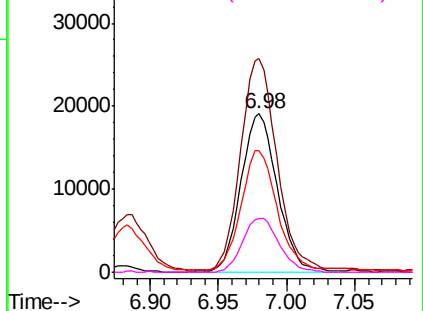
#47
Methyl methacrylate
Concen: 3.821 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion: 69 Resp: 35474
Ion Ratio Lower Upper
69 100
41 132.3 0.0 270.2
39 73.8 61.6 92.4
100 34.1 29.0 43.6

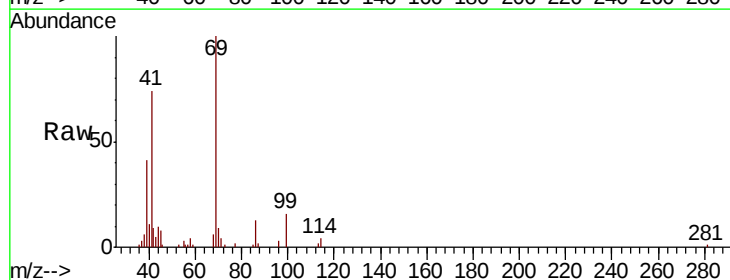


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

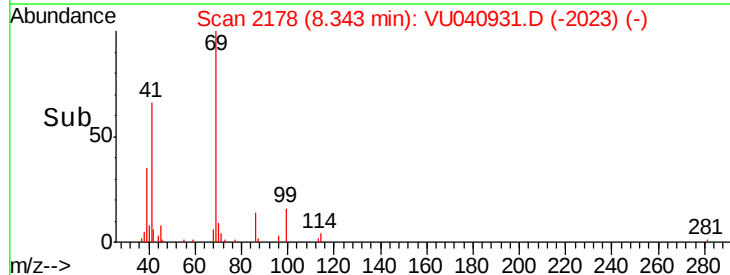
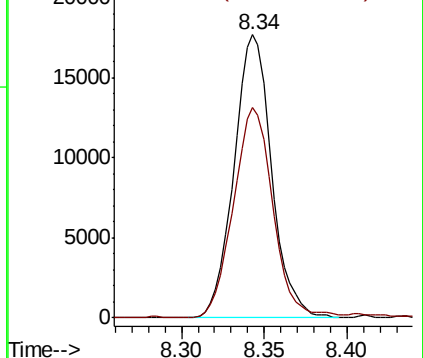


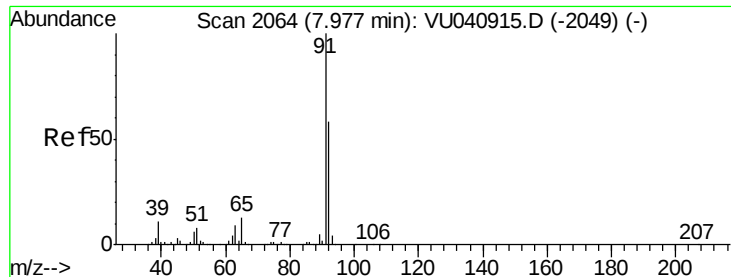
#48
Ethyl methacrylate
Concen: 1.781 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 69 Resp: 27807
Ion Ratio Lower Upper
69 100
41 78.4 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: 1.978 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

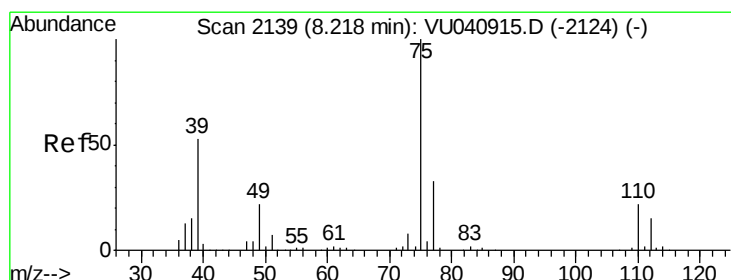
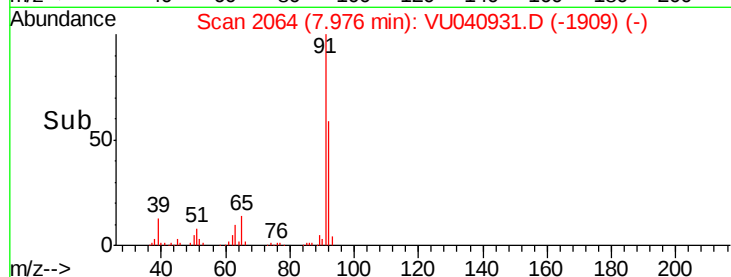
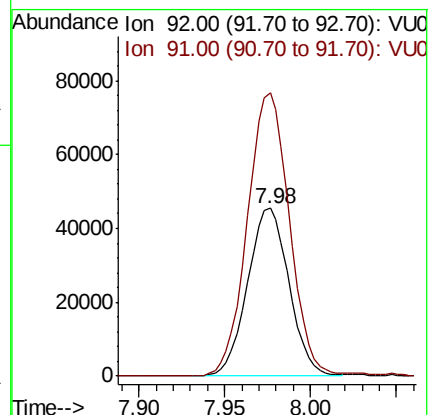
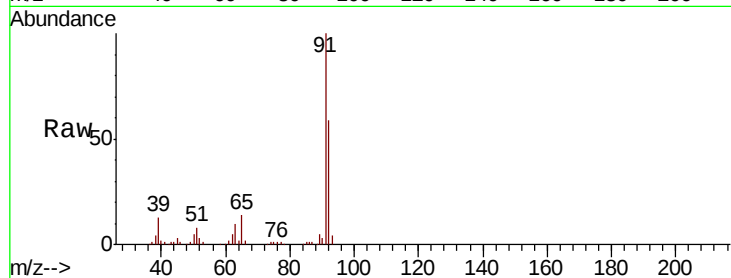
VU1023WBSD01

Tot Ion: 92 Resp: 76076

Ion Ratio Lower Upper

92 100

91 171.7 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 2.047 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040931.D

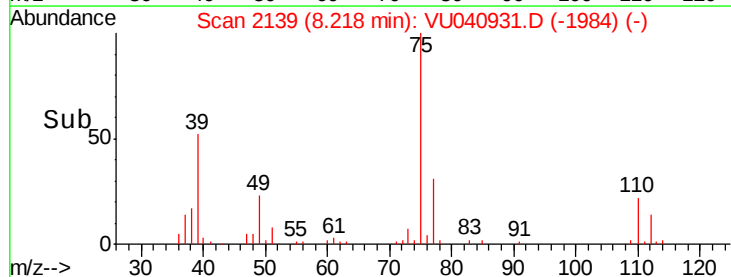
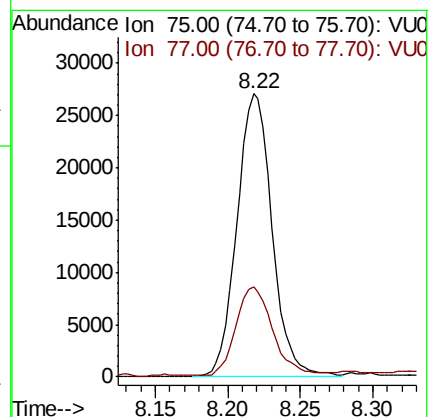
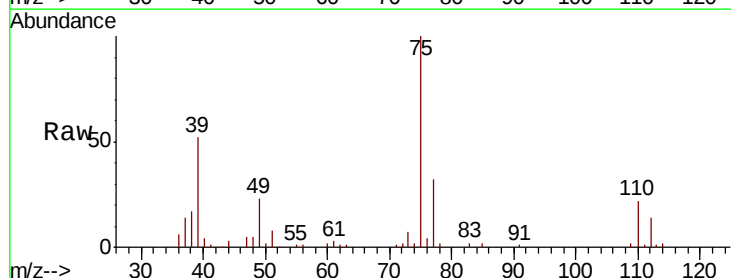
Acq: 23 Oct 2020 12:32

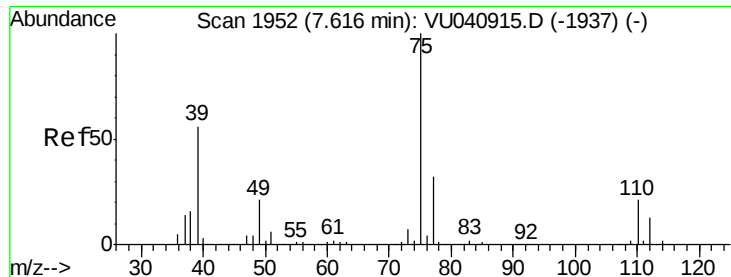
Tgt Ion: 75 Resp: 45678

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4



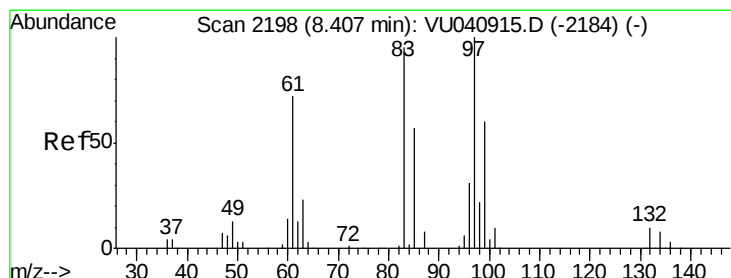
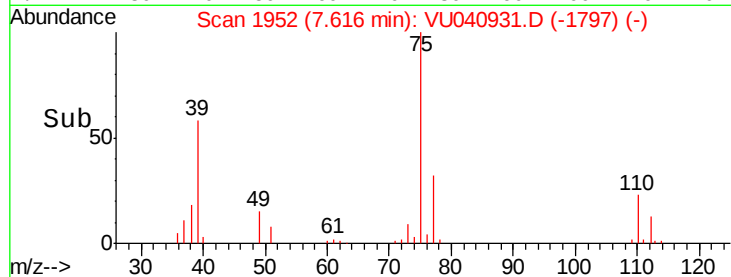
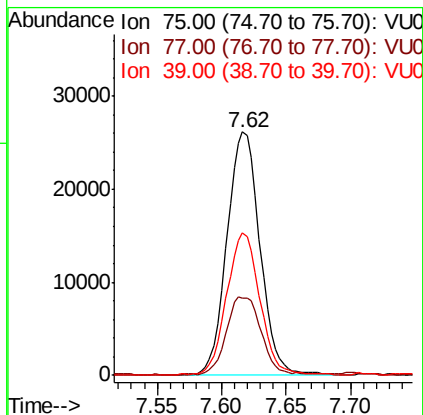
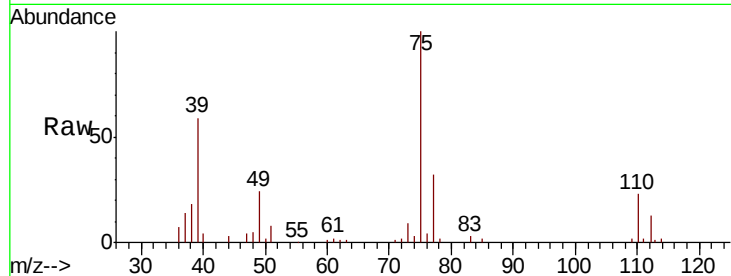


#51

cis-1,3-Dichloropropene
Concen: 1.904 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

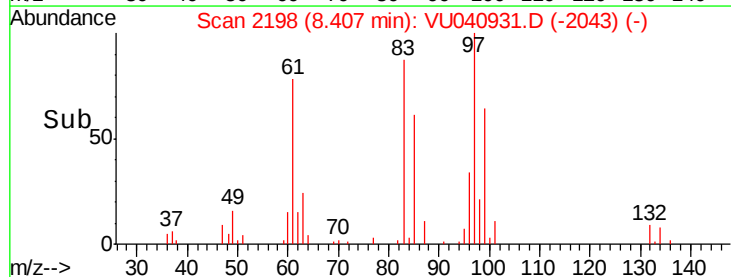
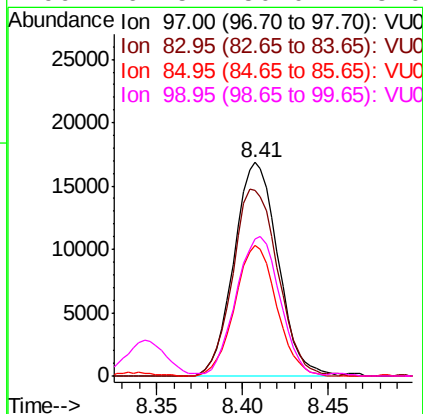
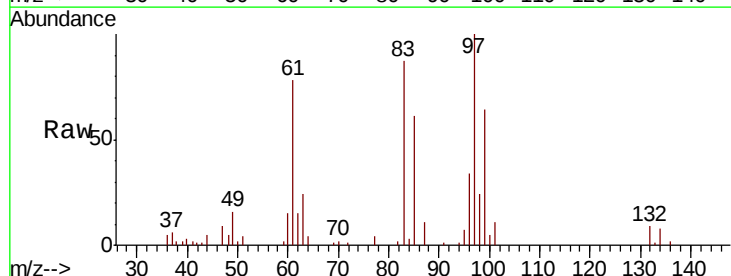
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
39	58.2	44.7	67.1

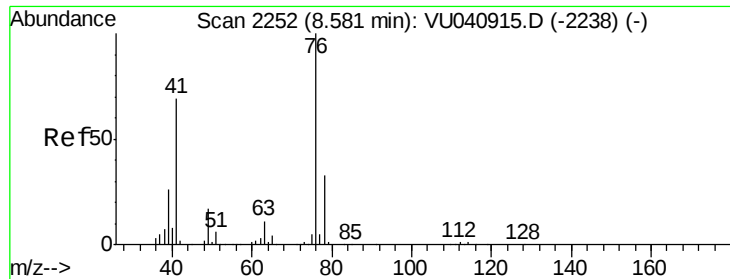


#52

1,1,2-Trichloroethane
Concen: 2.128 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	75.9	113.9
85	61.3	46.1	69.1
99	62.5	50.0	75.0





#53

1,3-Dichloropropane

Concen: 2.051 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

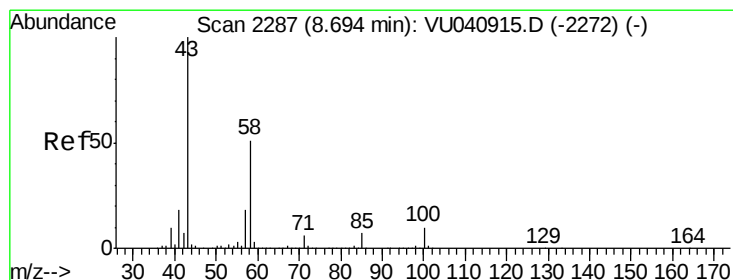
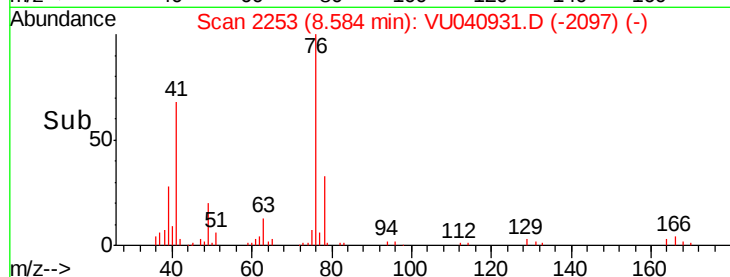
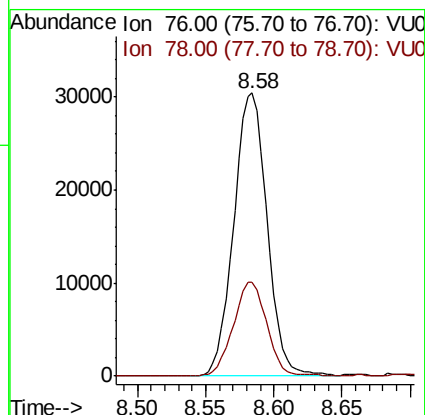
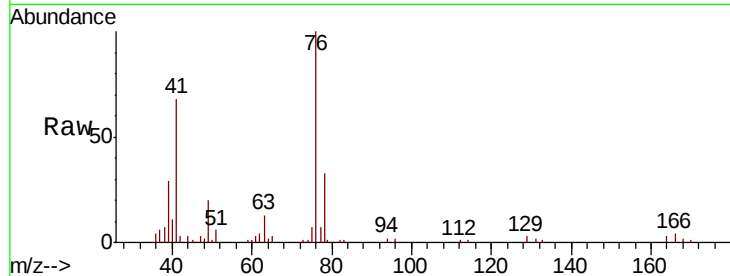
VU1023WBSD01

Tot Ion: 76 Resp: 51772

Ion Ratio Lower Upper

76 100

78 33.4 26.6 39.8



#54

2-Hexanone

Concen: 9.725 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

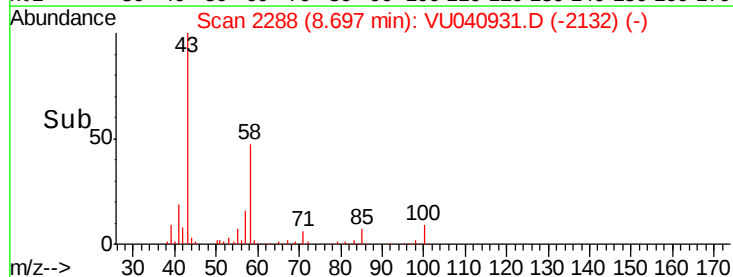
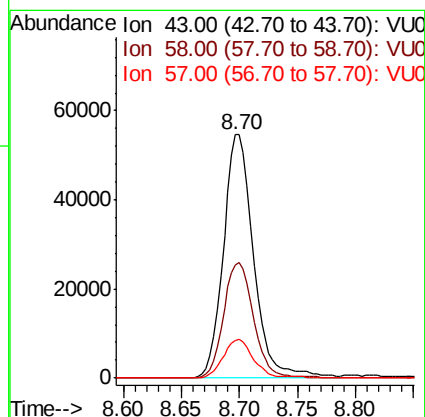
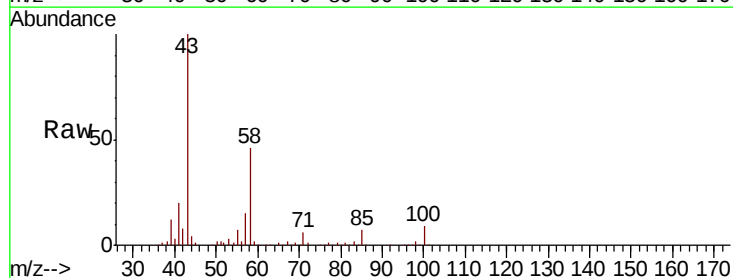
Tgt Ion: 43 Resp: 99173

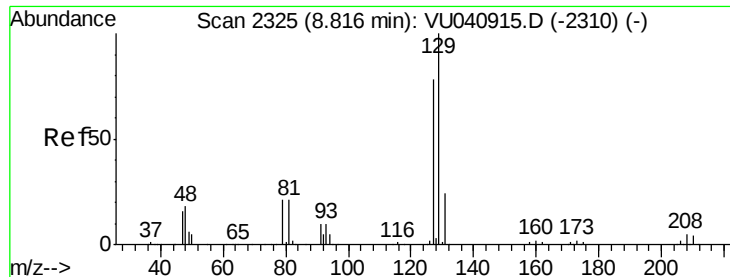
Ion Ratio Lower Upper

43 100

58 46.7 30.2 70.2

57 15.9 0.0 37.4

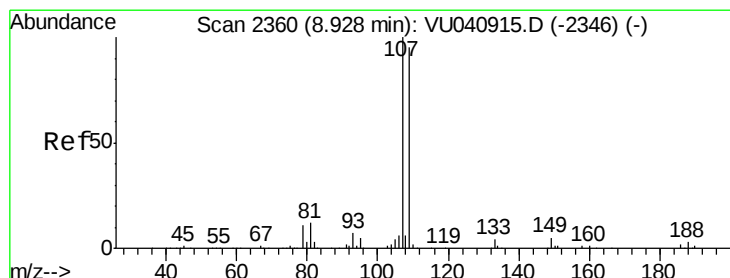
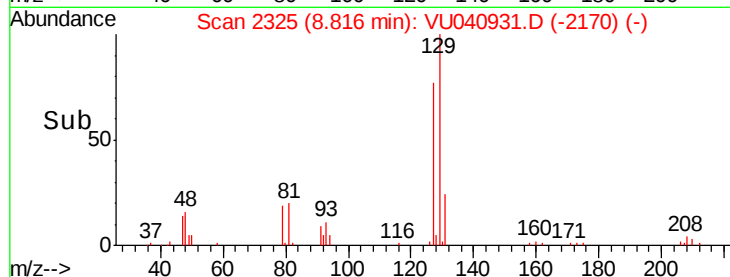
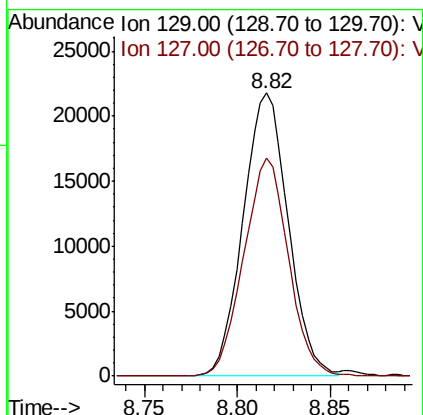
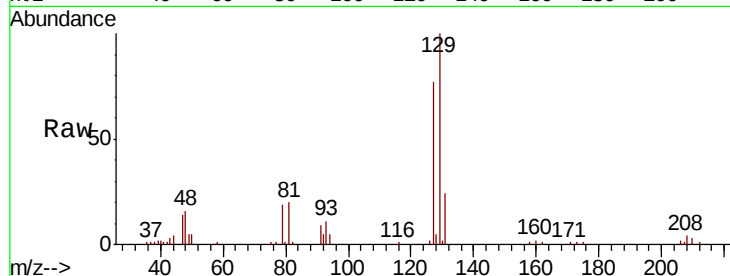




#55
Dibromochloromethane
Concen: 2.177 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

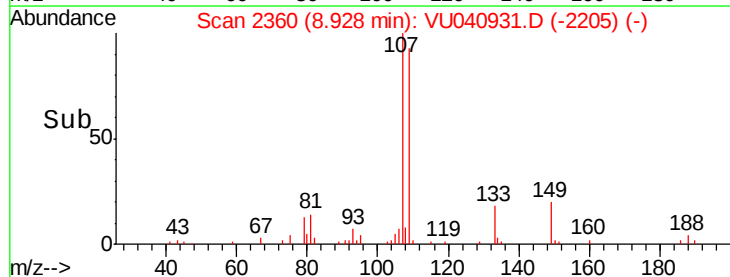
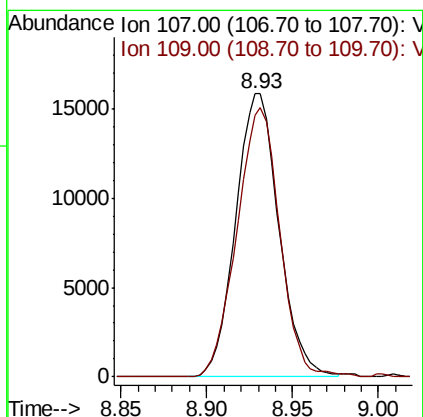
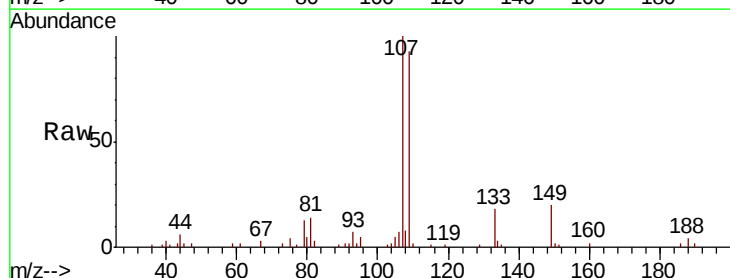
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

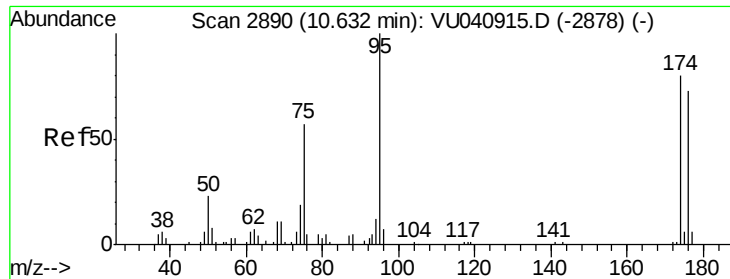
Tot Ion:129 Resp: 36693
Ion Ratio Lower Upper
129 100
127 76.3 63.1 94.7



#56
1,2-Dibromoethane
Concen: 2.116 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:107 Resp: 27581
Ion Ratio Lower Upper
107 100
109 94.2 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 1.010 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

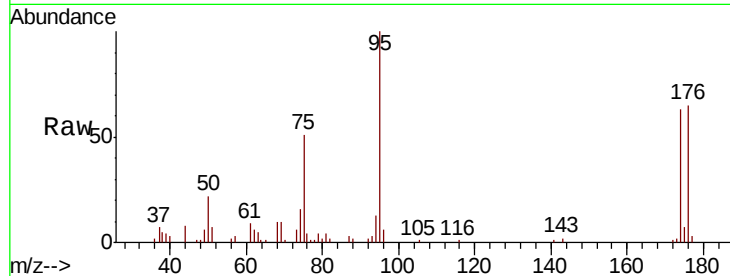
Tot Ion: 95 Resp: 20100

Ion Ratio Lower Upper

95 100

174 68.4 60.3 90.5

176 62.7 55.6 83.4

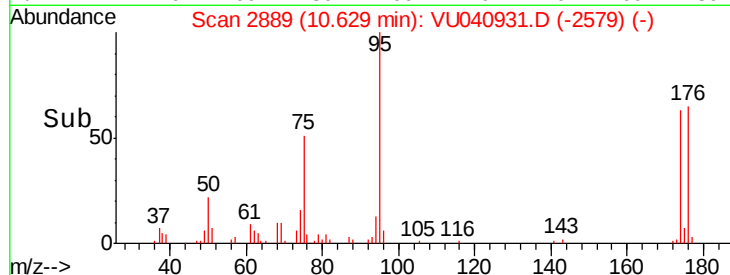


Abundance Ion 95.00 (94.70 to 95.70): VU040931.D (-2878) (-)

Ion 174.00 (173.70 to 174.70): VU040931.D (-2878) (-)

Ion 176.00 (175.70 to 176.70): VU040931.D (-2878) (-)

Time--> 10.55 10.60 10.65 10.70



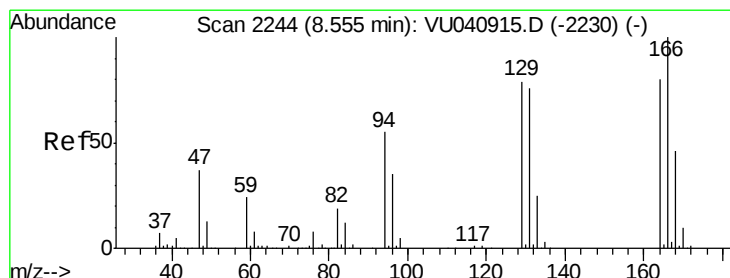
Abundance

Ion 95.00 (94.70 to 95.70): VU040931.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU040931.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU040931.D (-2579) (-)

Time--> 10.55 10.60 10.65 10.70



#58

Tetrachloroethene

Concen: 2.025 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tgt Ion: 164 Resp: 31295

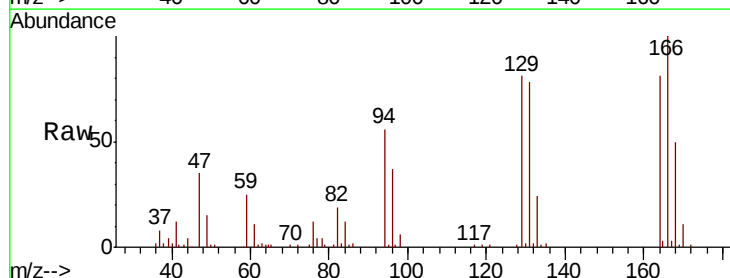
Ion Ratio Lower Upper

164 100

166 123.5 100.3 150.5

129 100.1 79.4 119.0

131 96.2 76.2 114.4



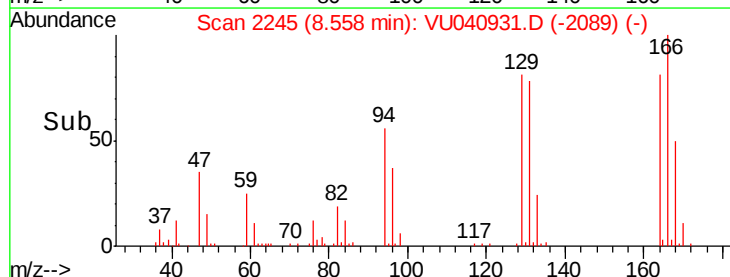
Abundance Ion 163.85 (163.55 to 164.55): VU040931.D (-2230) (-)

Ion 165.80 (165.50 to 166.50): VU040931.D (-2230) (-)

Ion 128.90 (128.60 to 129.60): VU040931.D (-2230) (-)

Ion 130.90 (130.60 to 131.60): VU040931.D (-2230) (-)

Time--> 8.50 8.55 8.60



Abundance

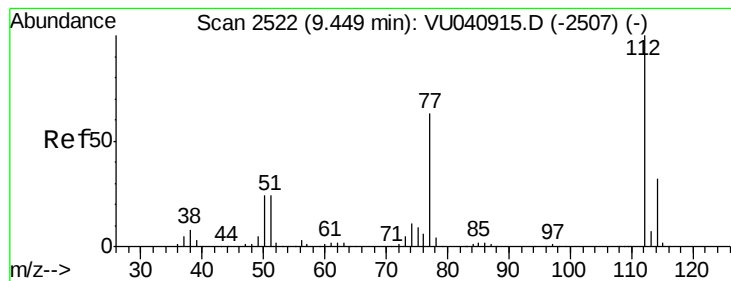
Ion 163.85 (163.55 to 164.55): VU040931.D (-2089) (-)

Ion 165.80 (165.50 to 166.50): VU040931.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040931.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040931.D (-2089) (-)

Time--> 8.50 8.55 8.60



#59

Chlorobenzene

Concen: 1.963 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

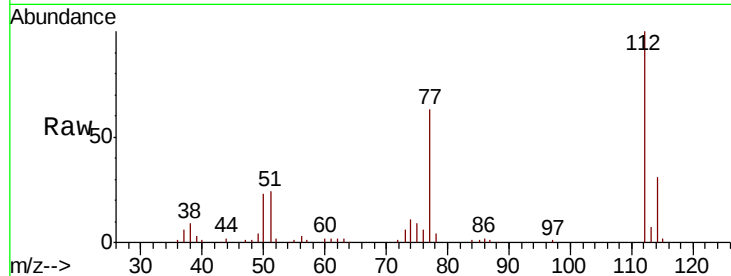
VU1023WBSD01

Tot Ion:112 Resp: 79907

Ion Ratio Lower Upper

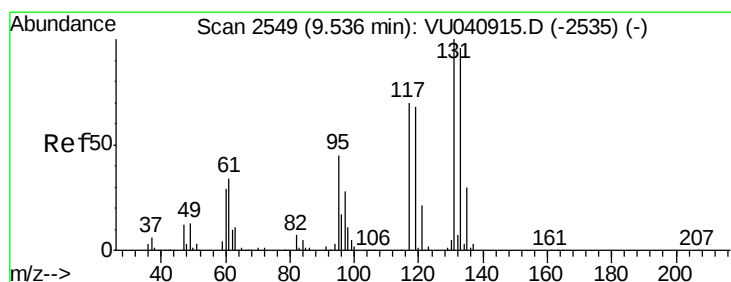
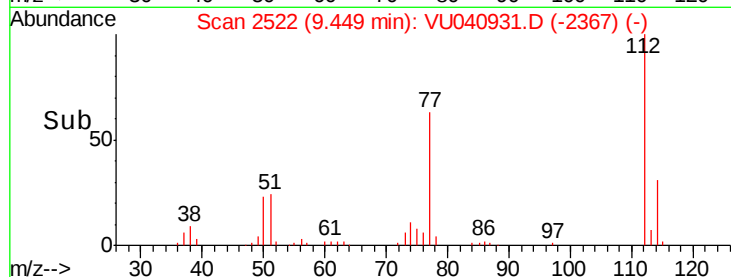
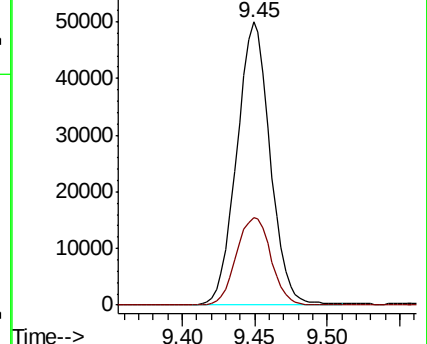
112 100

114 30.8 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: 2.143 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

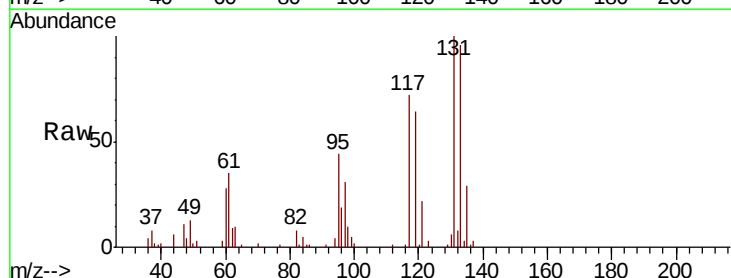
Tgt Ion:131 Resp: 34279

Ion Ratio Lower Upper

131 100

133 95.5 77.4 116.0

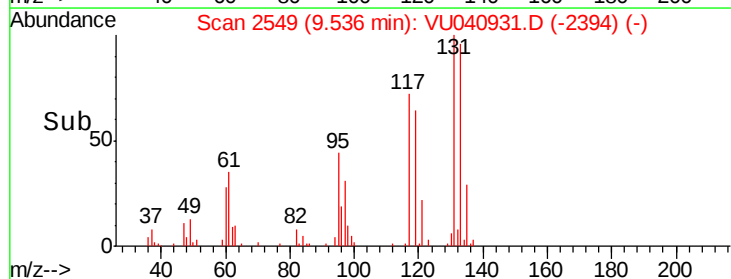
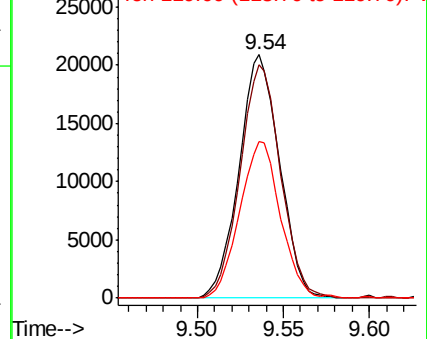
119 64.2 53.5 80.3

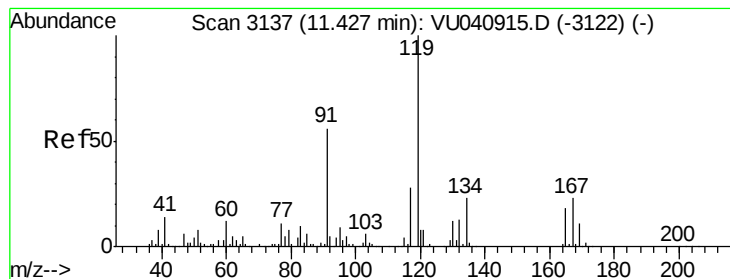


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

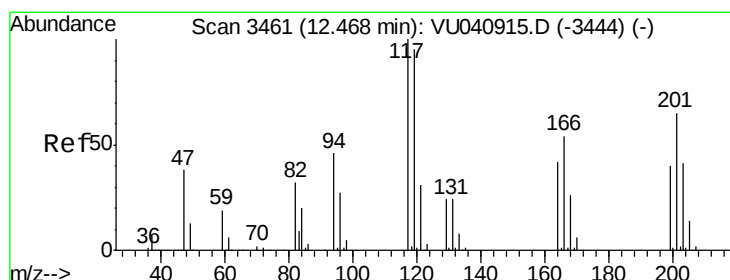
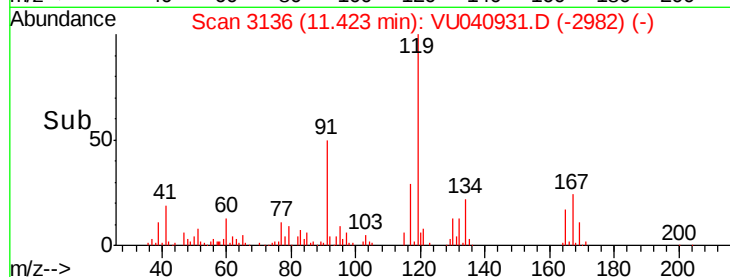
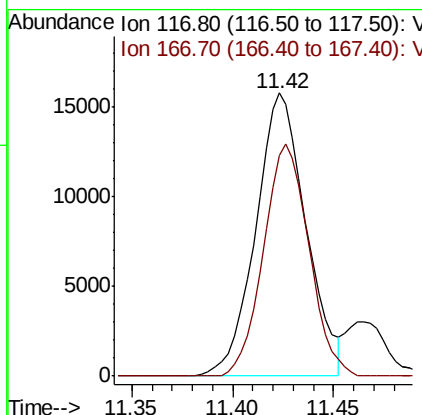
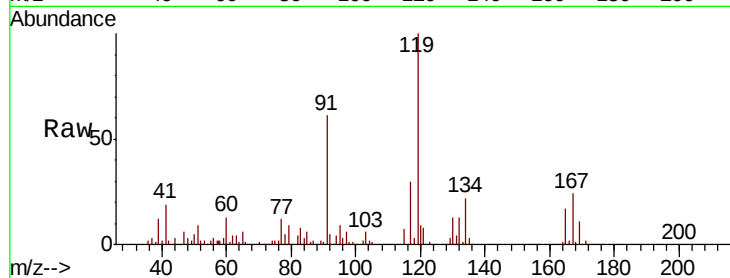




#61
 Pentachloroethane
 Concen: 2.116 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

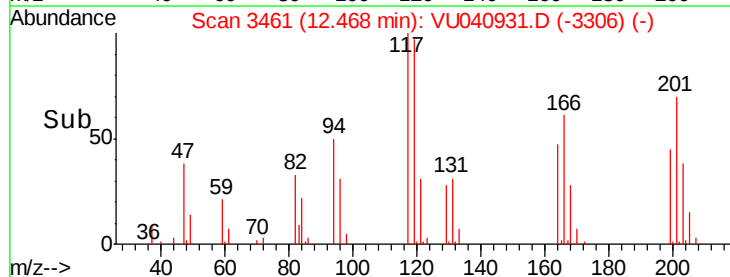
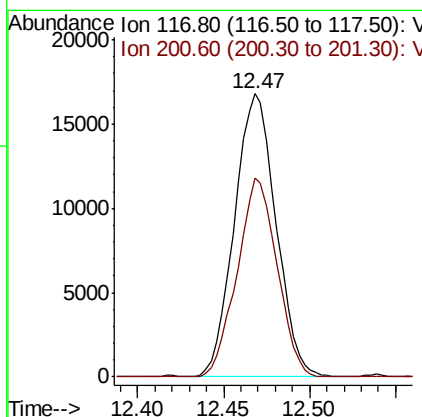
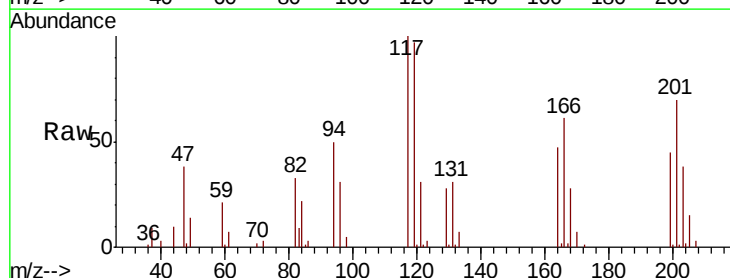
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

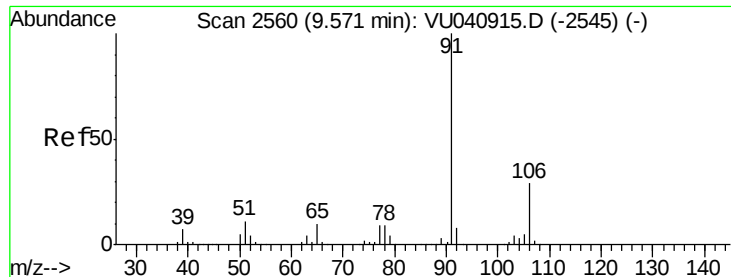
Tot Ion:117 Resp: 27343
 Ion Ratio Lower Upper
 117 100
 167 74.0 59.4 89.2



#62
 Hexachloroethane
 Concen: 2.140 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion:117 Resp: 28142
 Ion Ratio Lower Upper
 117 100
 201 67.3 52.6 78.8





#63

Ethyl Benzene

Concen: 1.831 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

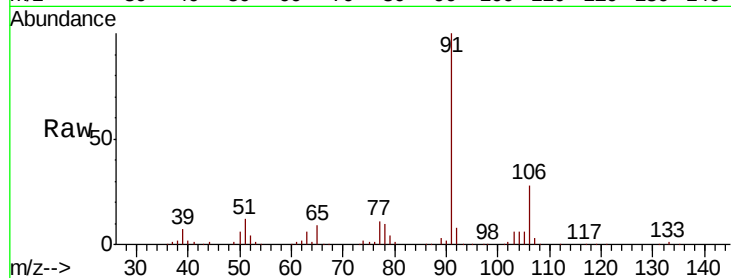
VU1023WBSD01

Tot Ion: 91 Resp: 123456

Ion Ratio Lower Upper

91 100

106 28.4 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU040915.D (-2545) (-)

Ion 106.00 (105.70 to 106.70): VU040915.D (-2545) (-)

80000

60000

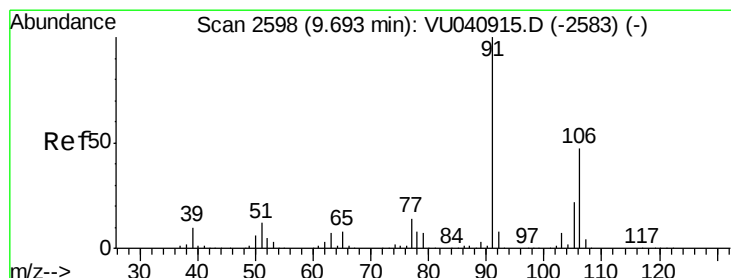
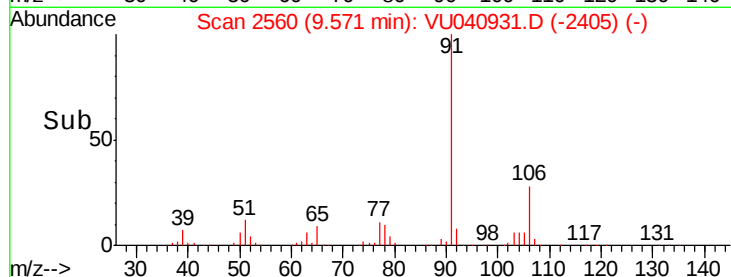
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#64

m/p-Xylenes

Concen: 3.580 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040931.D

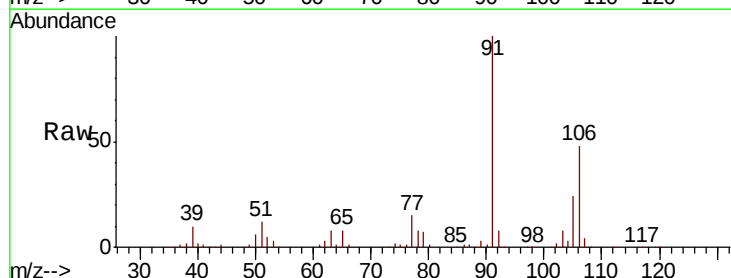
Acq: 23 Oct 2020 12:32

Tgt Ion: 106 Resp: 96018

Ion Ratio Lower Upper

106 100

91 213.1 168.3 252.5



Abundance Ion 106.00 (105.70 to 106.70): VU040915.D (-2583) (-)

Ion 91.00 (90.70 to 91.70): VU040915.D (-2583) (-)

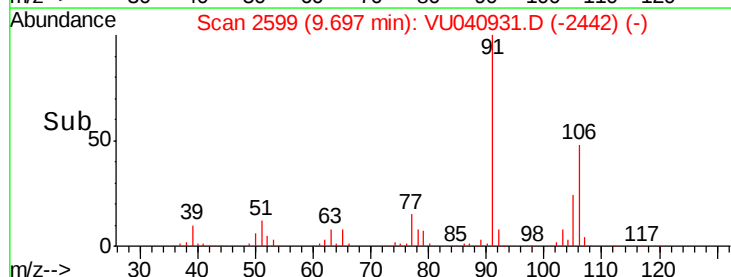
100000

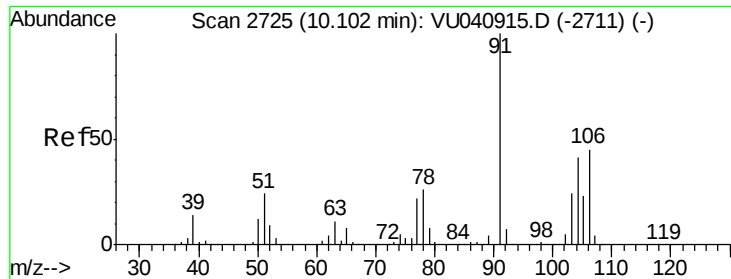
50000

0

9.65 9.70 9.75

Time-->

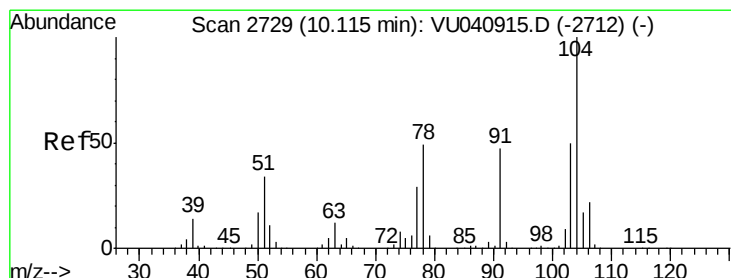
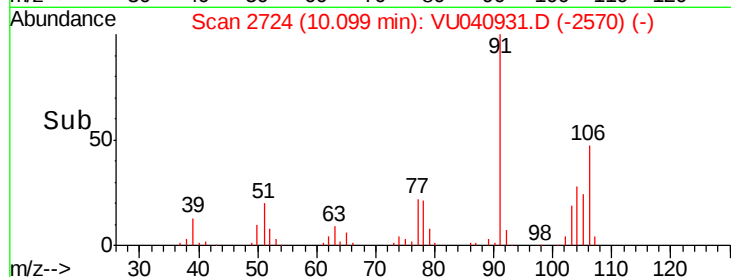
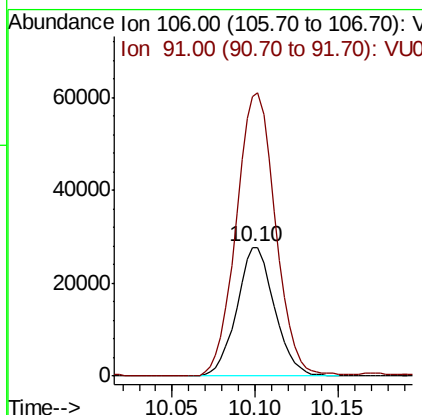
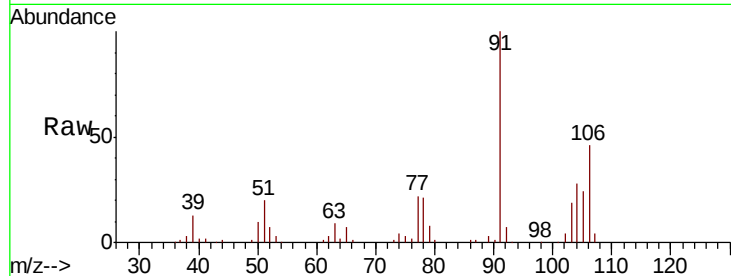




#65
o-Xylene
Concen: 1.854 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

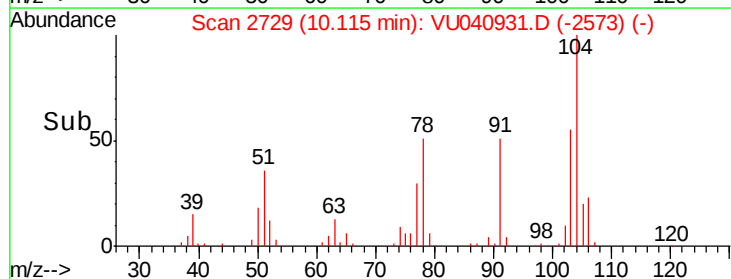
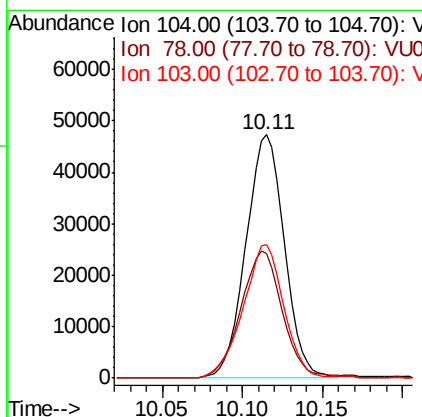
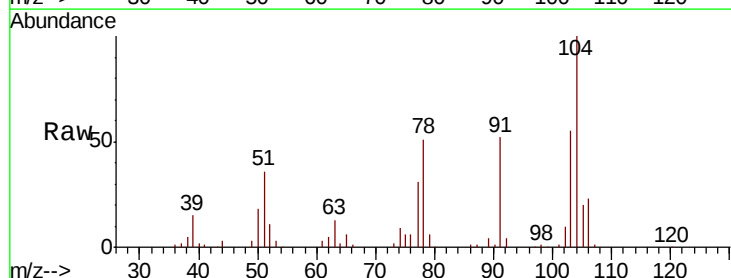
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

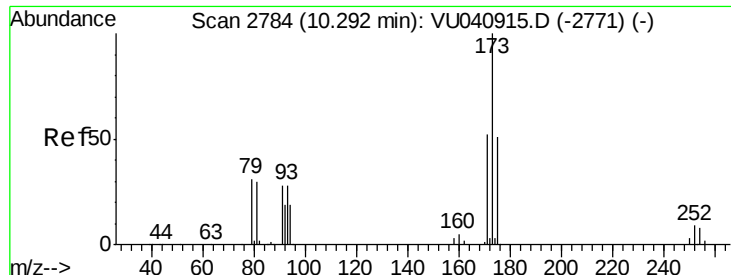
Tot Ion:106 Resp: 43905
Ion Ratio Lower Upper
106 100
91 229.3 111.3 333.9



#66
Styrene
Concen: 1.805 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:104 Resp: 78116
Ion Ratio Lower Upper
104 100
78 56.7 43.4 65.0
103 57.7 43.1 64.7





#67

Bromoform

Concen: 2.017 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

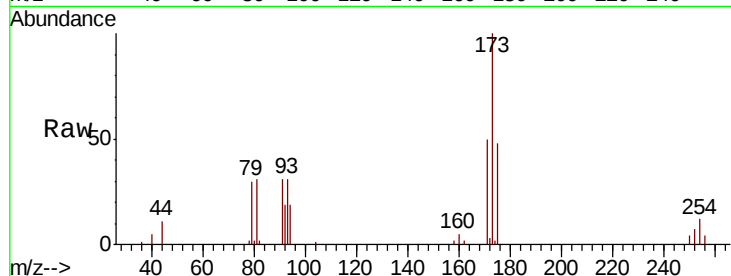
Tot Ion:173 Resp: 18404

Ion Ratio Lower Upper

173 100

175 51.3 39.0 58.4

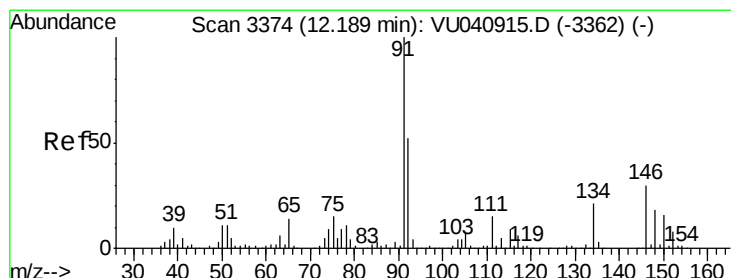
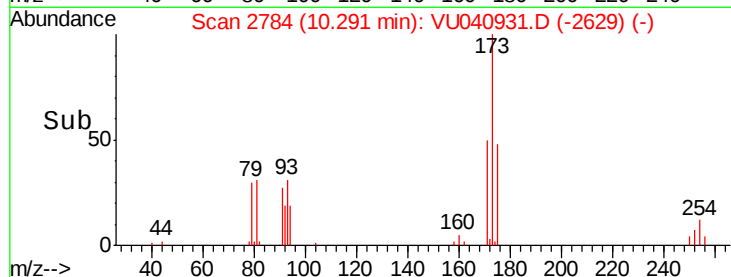
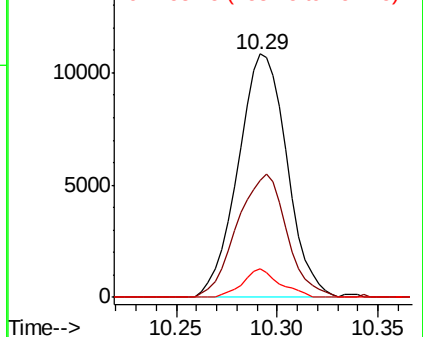
254 9.0 6.6 9.8



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: 0.990 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

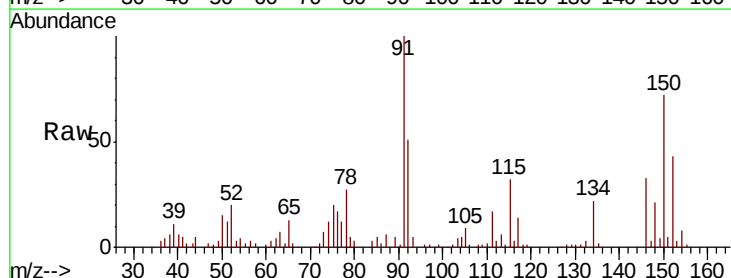
Tgt Ion:152 Resp: 20562

Ion Ratio Lower Upper

152 100

115 95.1 0.0 323.4

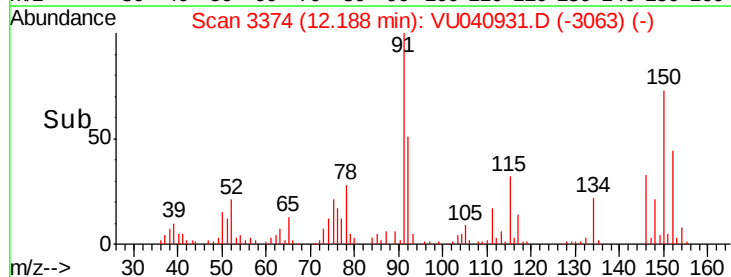
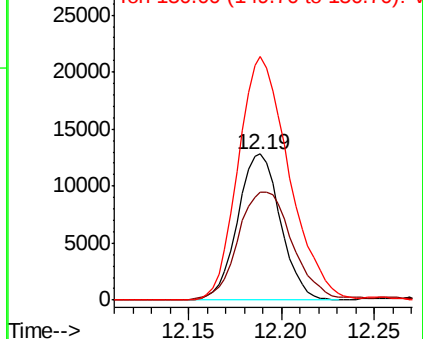
150 198.3 0.0 653.8

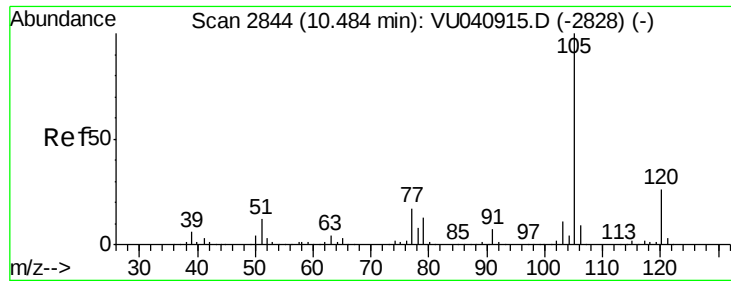


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.847 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

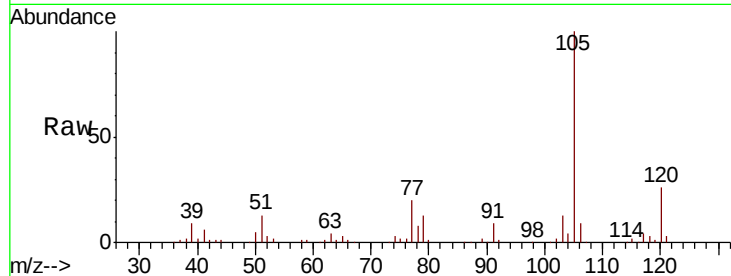
VU1023WBSD01

Tot Ion:105 Resp: 116628

Ion Ratio Lower Upper

105 100

120 25.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

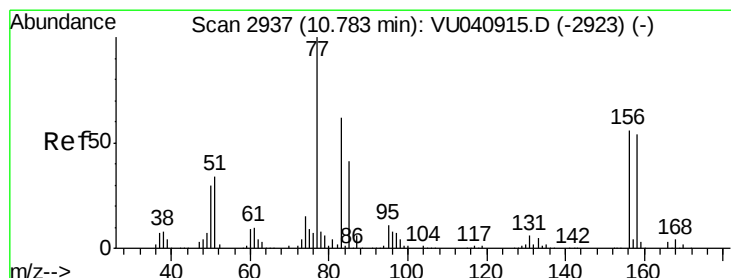
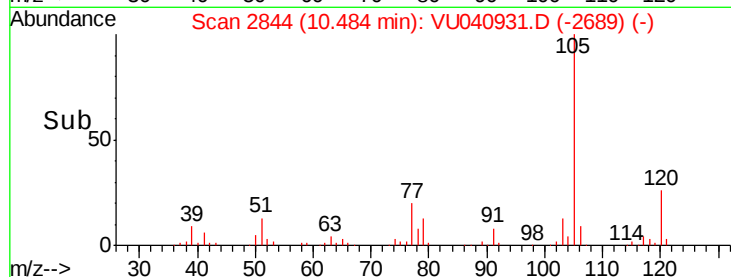
40000

20000

0

10.40 10.45 10.50 10.55

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 2.173 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

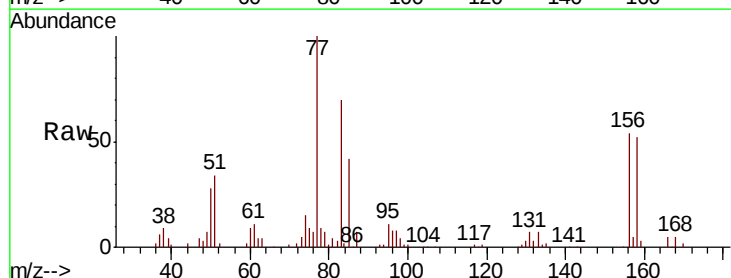
Tgt Ion: 83 Resp: 41561

Ion Ratio Lower Upper

83 100

131 9.3 7.1 10.7

85 62.4 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

30000

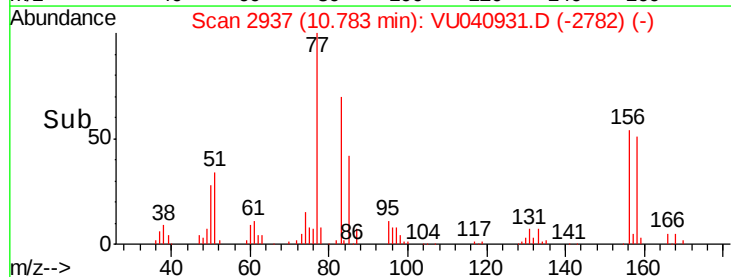
20000

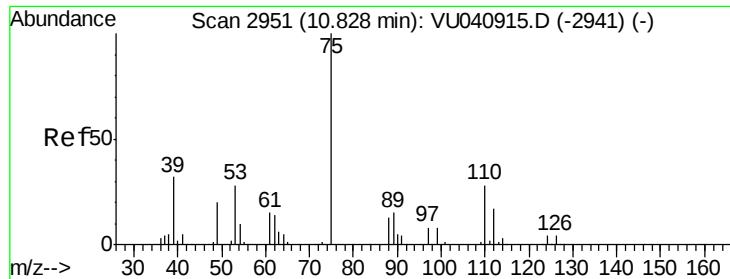
10000

0

10.75 10.80

Time-->

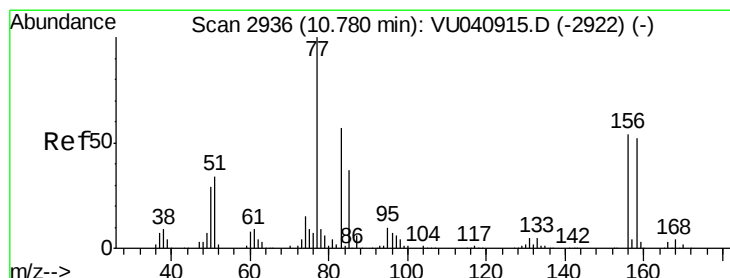
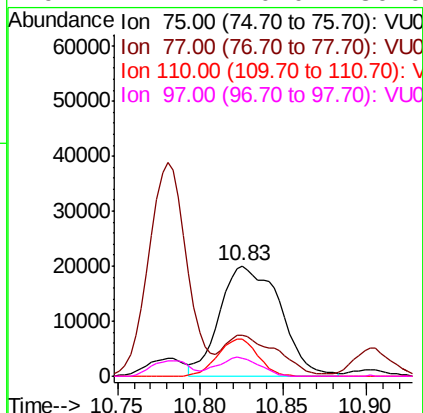
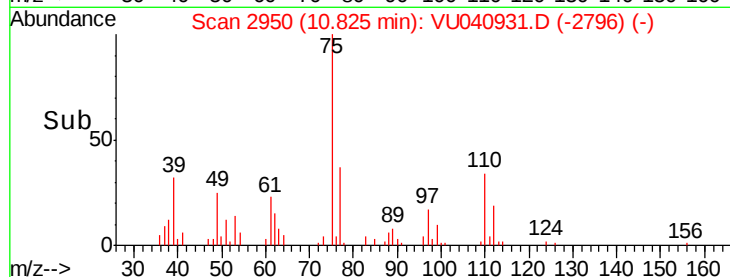
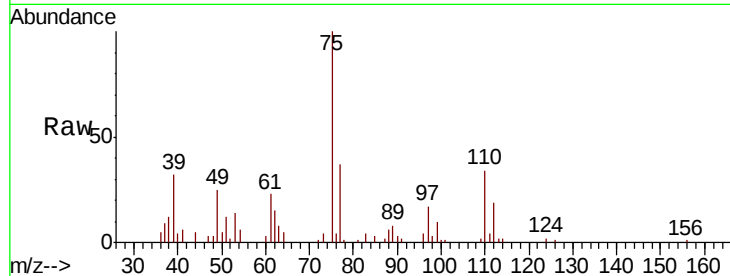




#71
 1,2,3-Trichloropropane
 Concen: 3.488 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

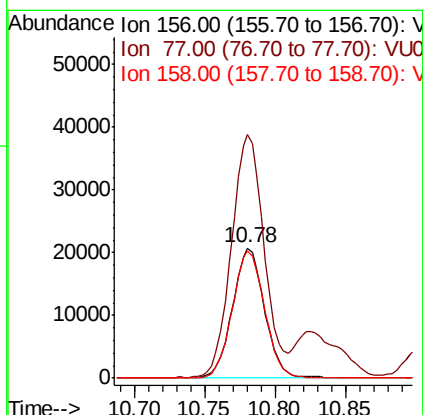
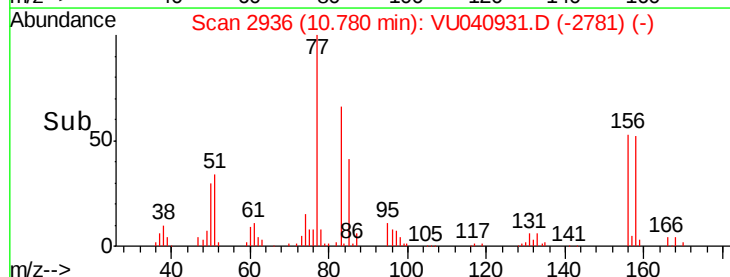
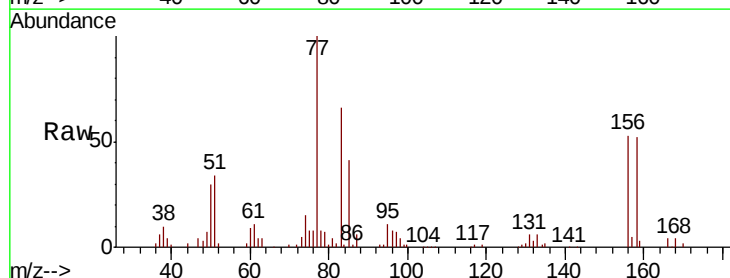
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

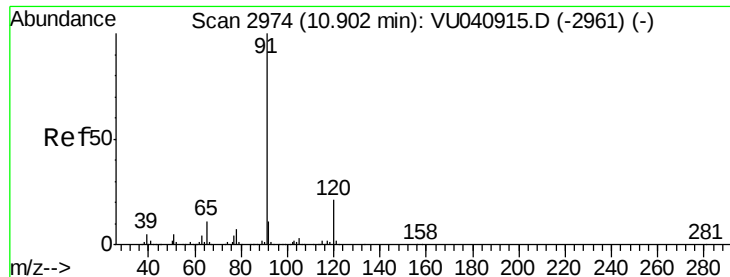
Tot Ion:	75	Resp:	50863
Ion	Ratio	Lower	Upper
75	100		
77	30.9	0.0	110.8
110	22.3	0.0	73.4
97	11.7	0.0	36.0



#72
 Bromobenzene
 Concen: 2.005 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion:	156	Resp:	33014
Ion	Ratio	Lower	Upper
156	100		
77	189.8	0.0	370.2
158	98.2	0.0	193.2





#73

n-propylbenzene

Concen: 1.757 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

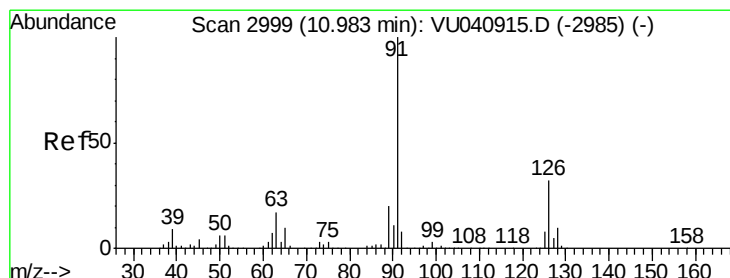
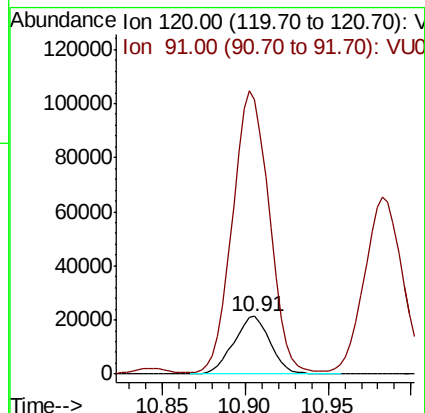
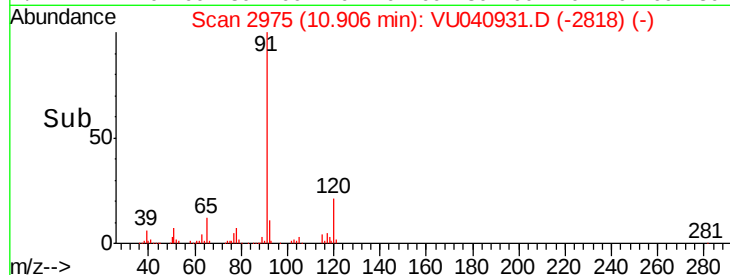
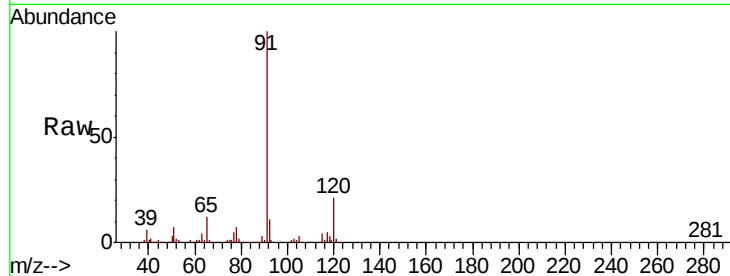
VU1023WBSD01

Tot Ion:120 Resp: 32763

Ion Ratio Lower Upper

120 100

91 491.6 370.8 556.2



#74

2-Chlorotoluene

Concen: 2.018 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040931.D

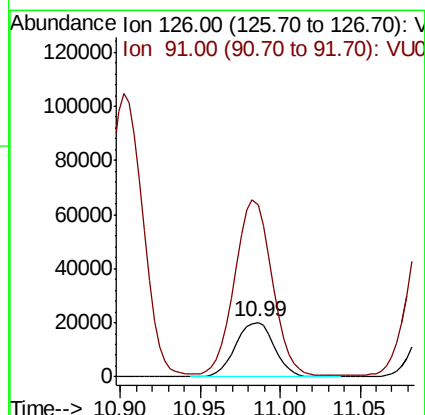
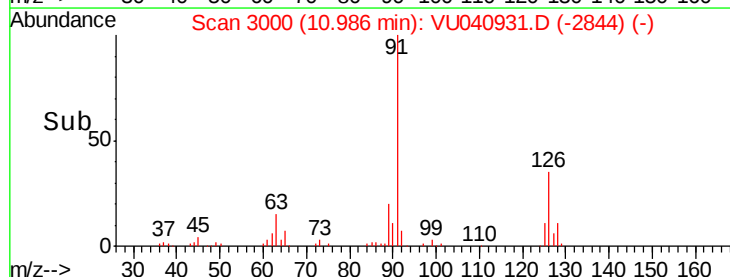
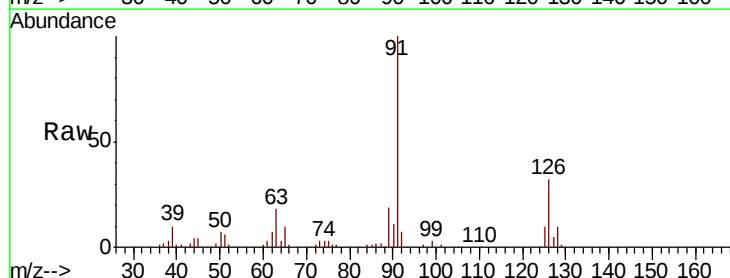
Acq: 23 Oct 2020 12:32

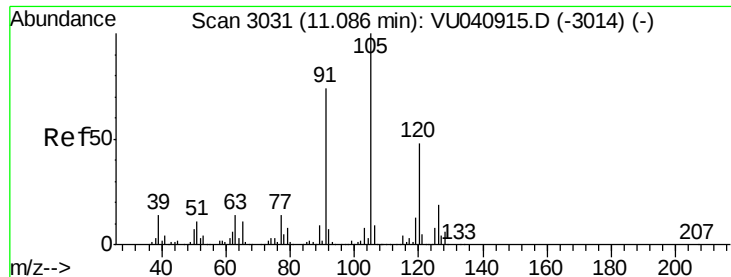
Tgt Ion:126 Resp: 33062

Ion Ratio Lower Upper

126 100

91 312.2 0.0 633.2





#75

1,3,5-Trimethylbenzene

Concen: 1.866 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

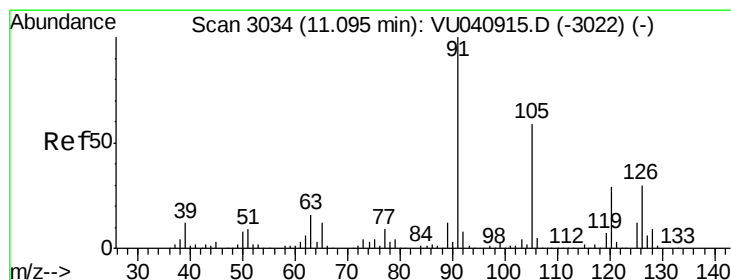
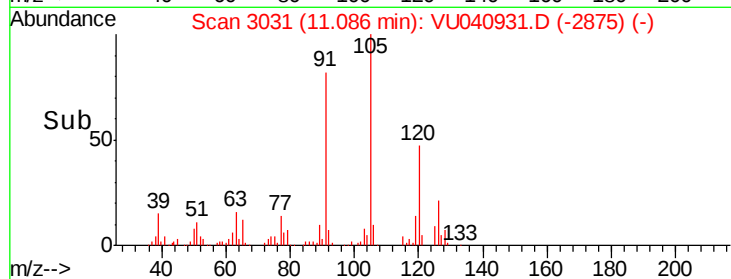
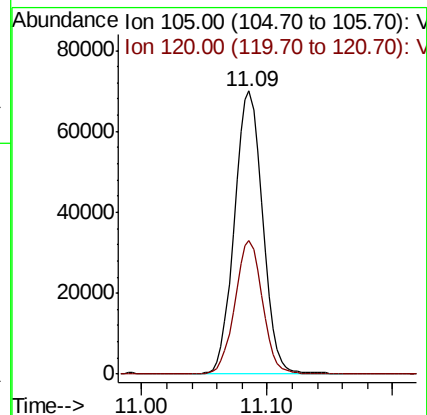
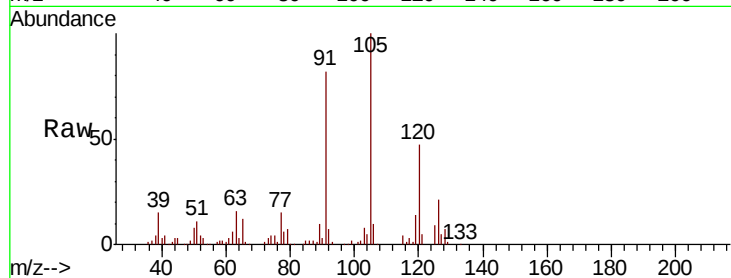
VU1023WBSD01

Tot Ion:105 Resp: 109717

Ion Ratio Lower Upper

105 100

120 45.9 38.7 58.1



#76

4-Chlorotoluene

Concen: 2.146 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040931.D

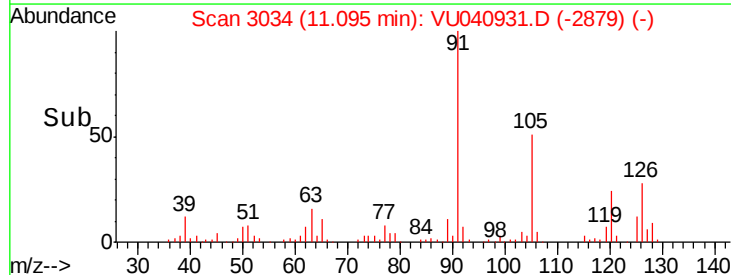
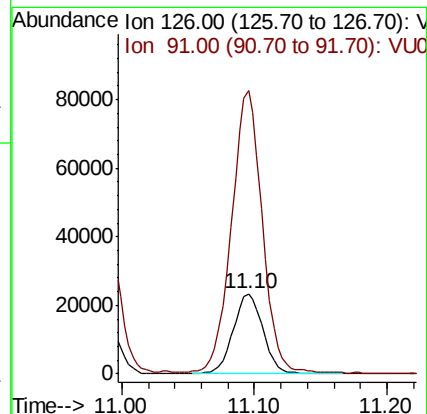
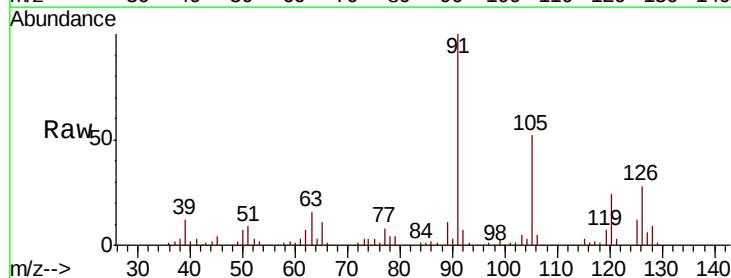
Acq: 23 Oct 2020 12:32

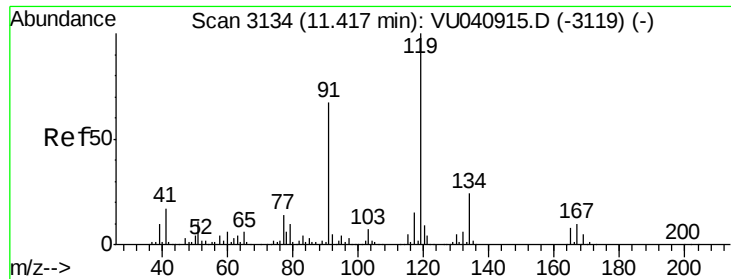
Tgt Ion:126 Resp: 36447

Ion Ratio Lower Upper

126 100

91 363.0 0.0 730.4

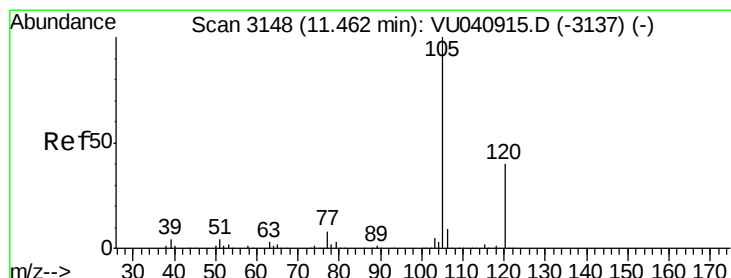
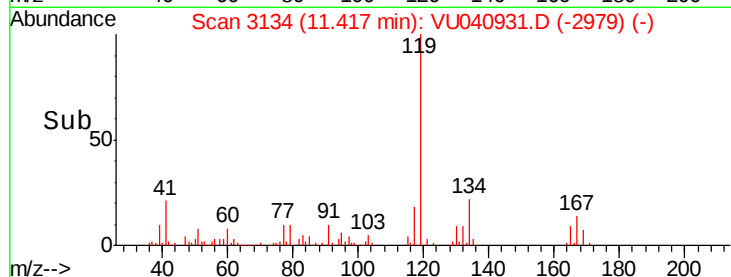
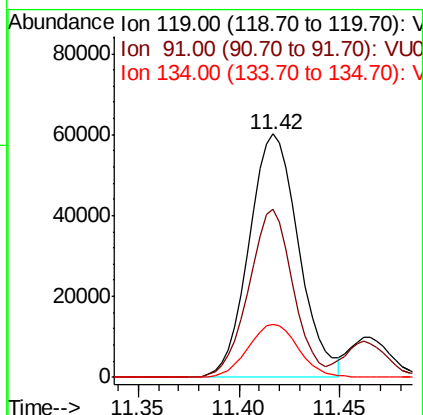
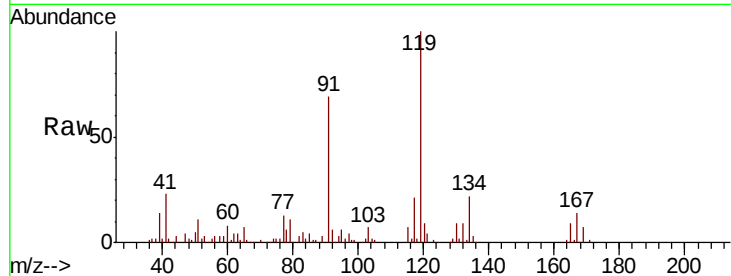




#77
tert-Butylbenzene
Concen: 1.938 ug/l
RT: 11.42 min Scan# 3134
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

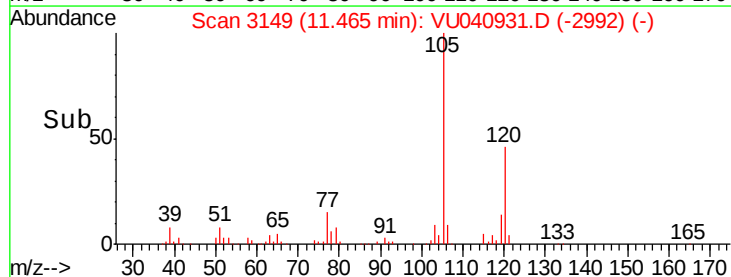
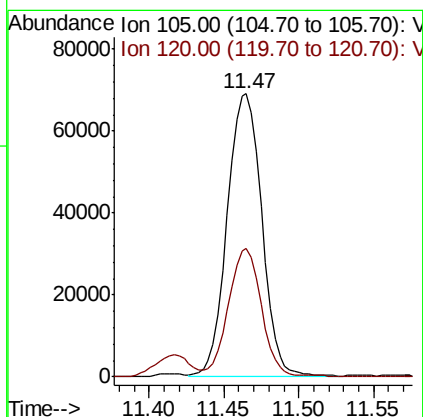
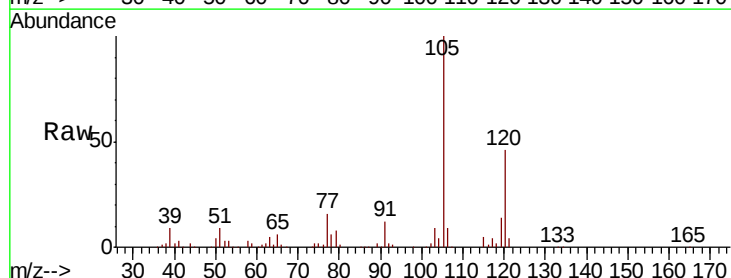
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

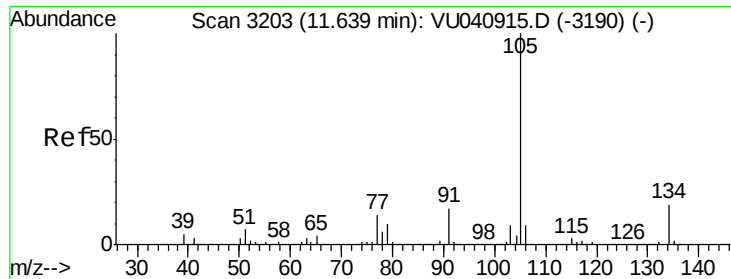
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	32.0	96.2
134	22.2	18.4	27.6



#78
1,2,4-Trimethylbenzene
Concen: 1.823 ug/l
RT: 11.47 min Scan# 3149
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.6	67.8

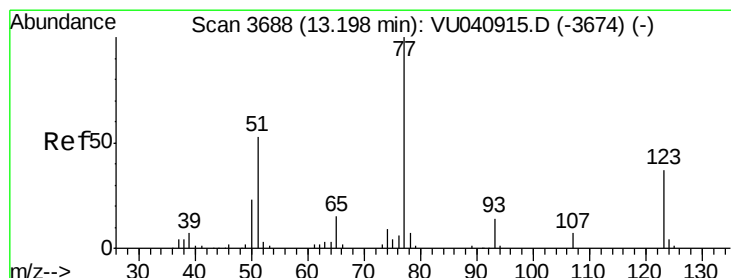
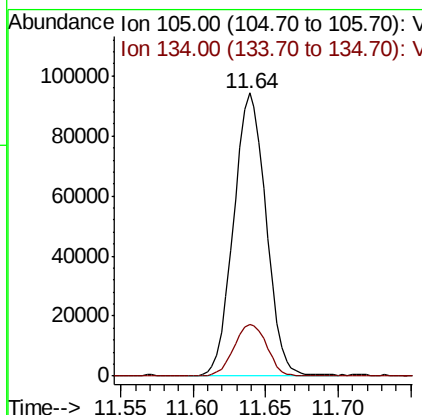
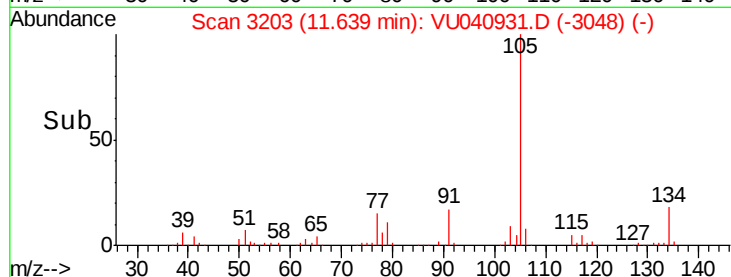
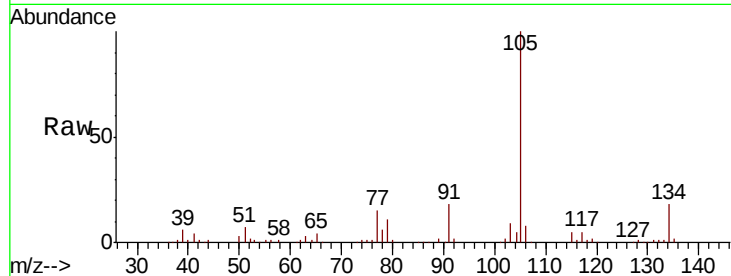




#79
 sec-Butylbenzene
 Concen: 1.982 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

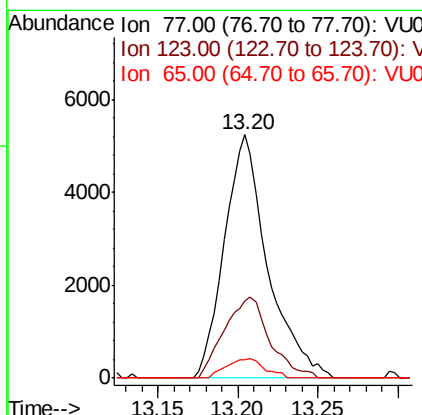
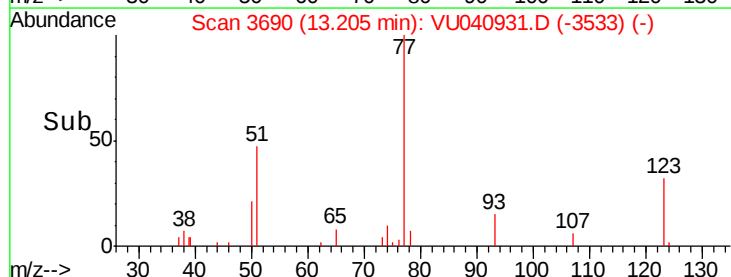
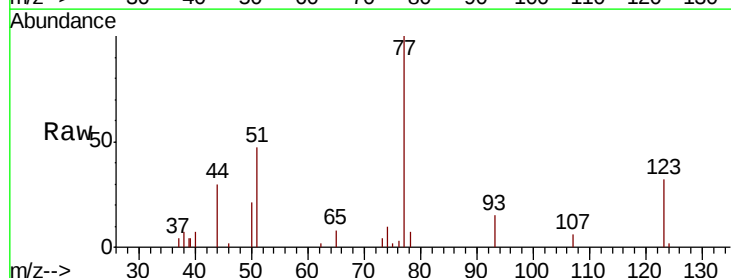
Instrument :
 MSVOA_U
 ClientSampleID :
 VU1023WBSD01

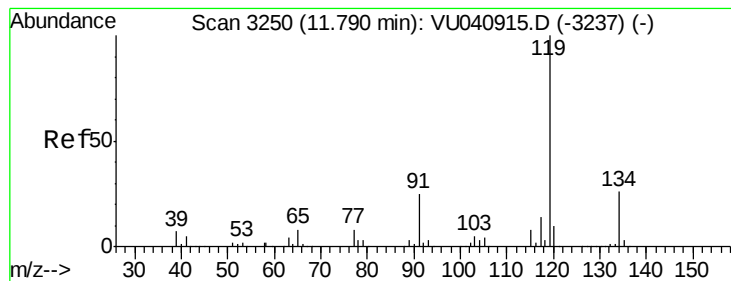
Tot Ion: 105 Resp: 146845
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0



#80
 Nitrobenzene
 Concen: 10.715 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 77 Resp: 9693
 Ion Ratio Lower Upper
 77 100
 123 34.9 16.8 59.4
 65 7.1 11.0 14.0#





#81

p-Isopropyltoluene

Concen: 1.884 ug/l

RT: 11.79 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

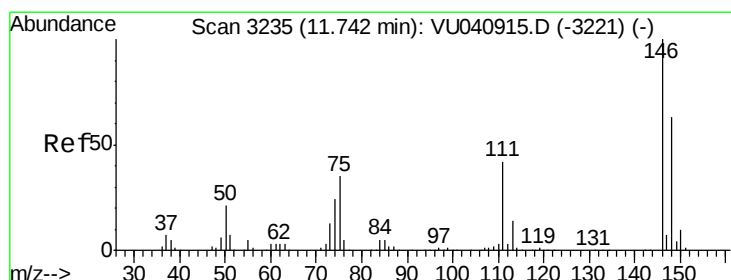
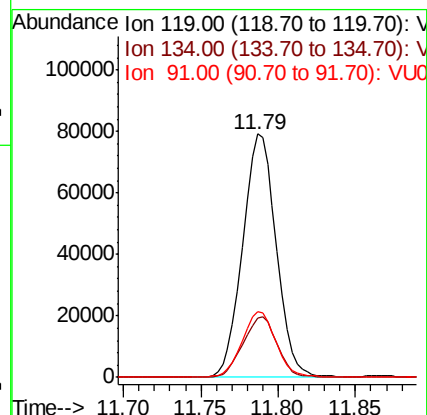
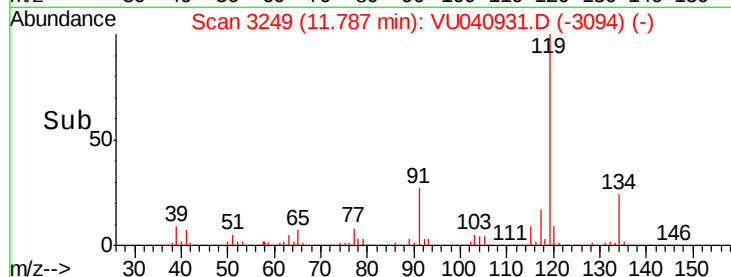
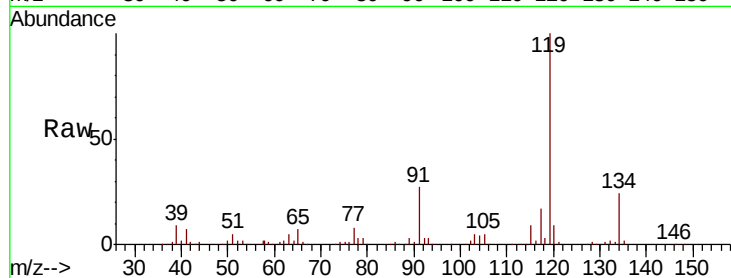
Tot Ion:119 Resp: 118427

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

91 27.6 20.4 30.6



#82

1,3-Dichlorobenzene

Concen: 2.164 ug/l

RT: 11.74 min Scan# 3235

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

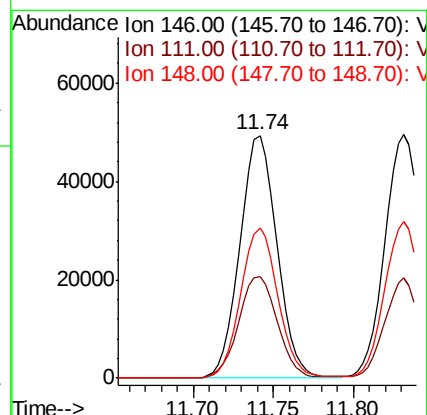
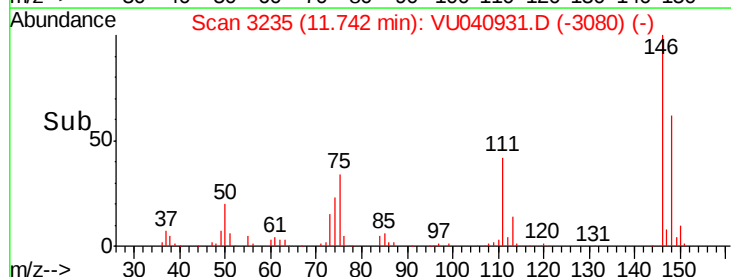
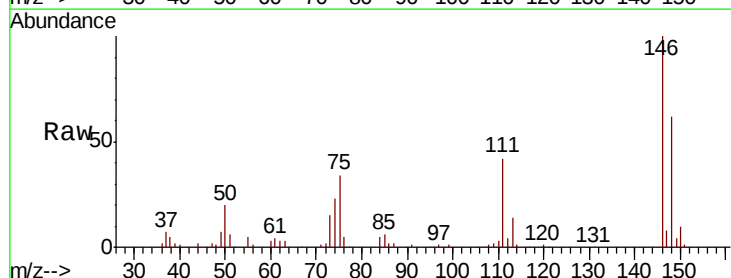
Tgt Ion:146 Resp: 77723

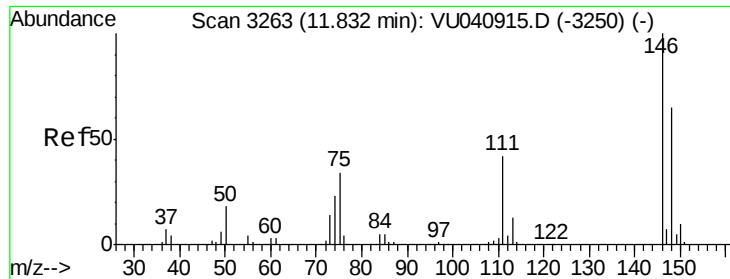
Ion Ratio Lower Upper

146 100

111 43.9 33.6 50.4

148 62.6 50.1 75.1

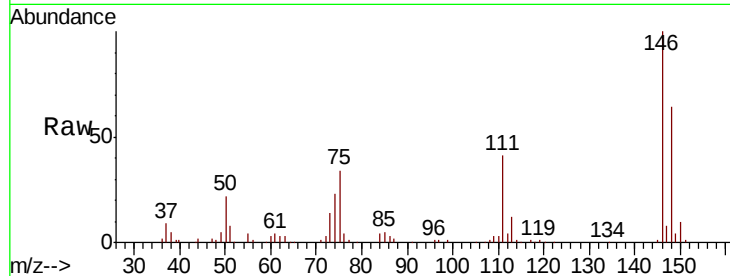




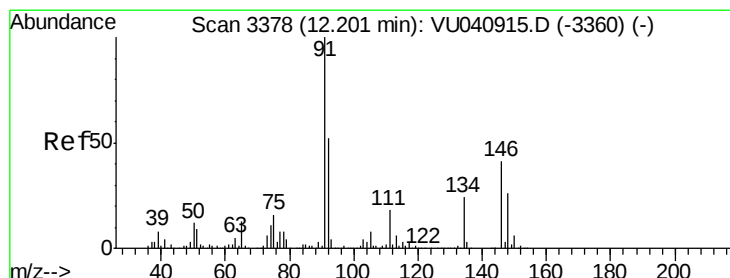
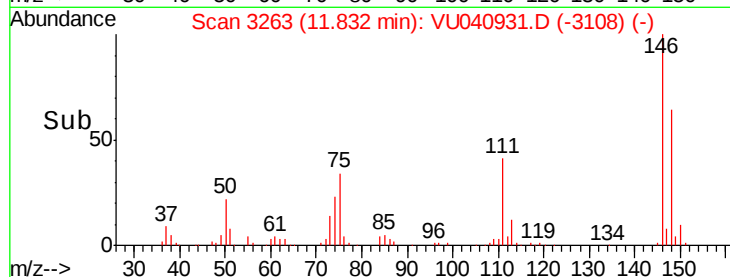
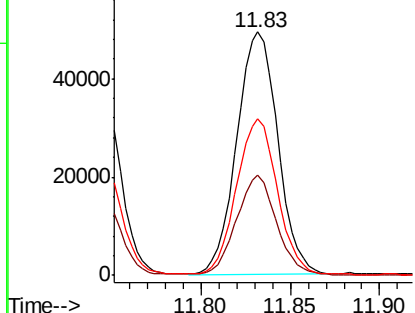
#83
 1,4-Dichlorobenzene
 Concen: 2.170 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion:146 Resp: 78822
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.7 50.5
 148 65.2 50.6 75.8

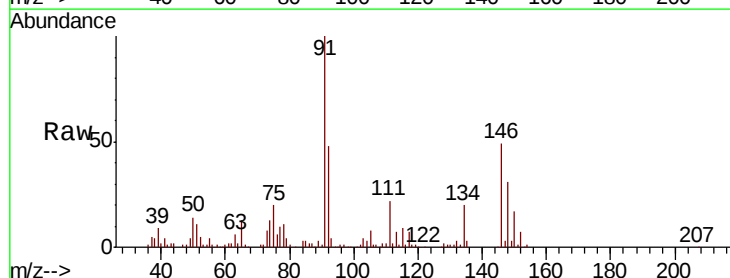


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

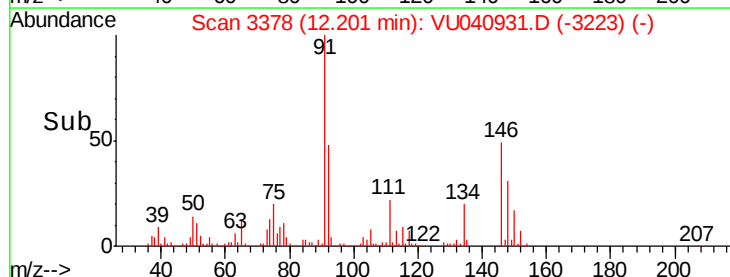
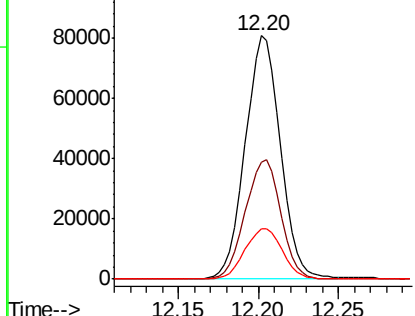


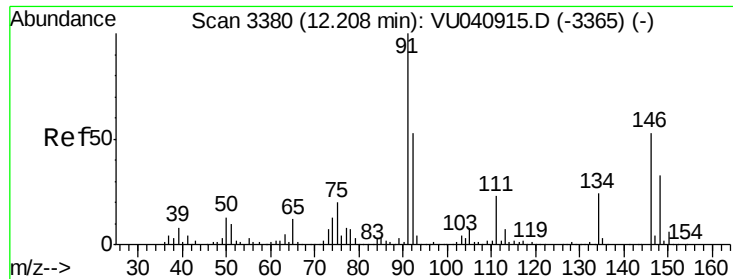
#84
 n-Butylbenzene
 Concen: 1.965 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 91 Resp: 121866
 Ion Ratio Lower Upper
 91 100
 92 49.3 41.7 62.5
 134 22.1 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

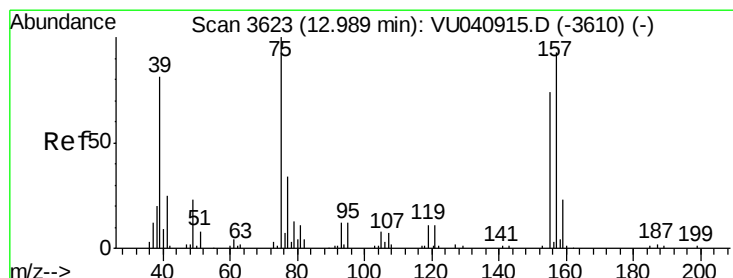
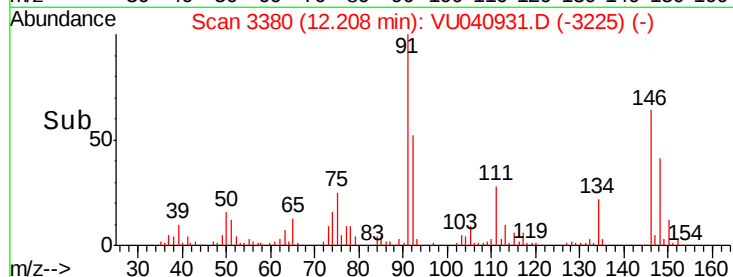
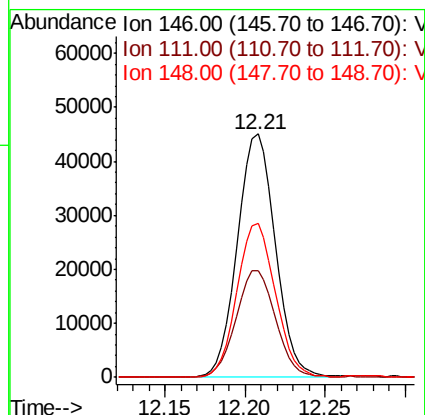
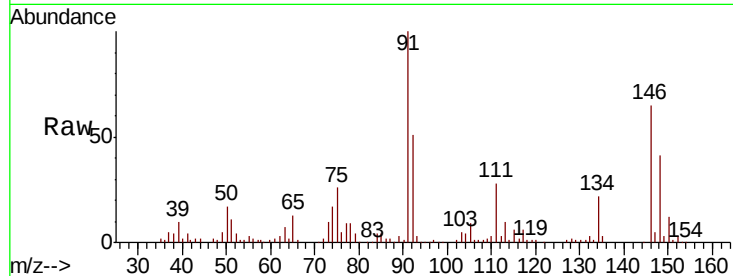




#85
 1,2-Dichlorobenzene
 Concen: 2.124 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

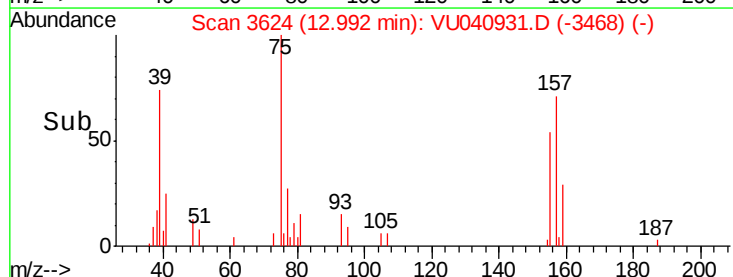
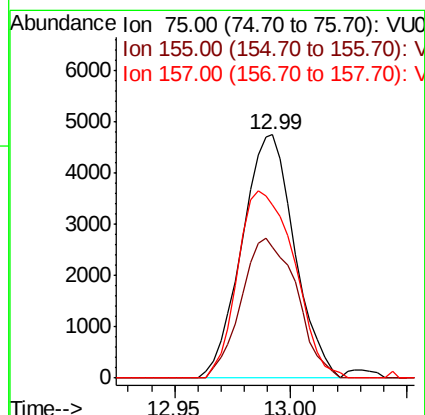
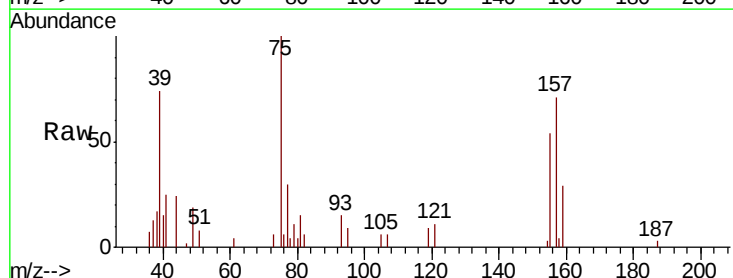
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

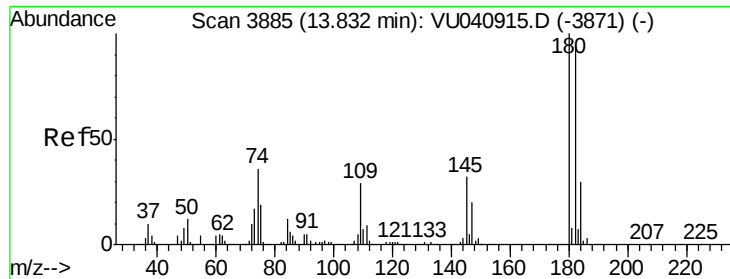
Tot Ion:146 Resp: 72984
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.3 66.9
 148 63.7 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.091 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 75 Resp: 7466
 Ion Ratio Lower Upper
 75 100
 155 60.6 57.1 85.7
 157 82.9 72.4 108.6

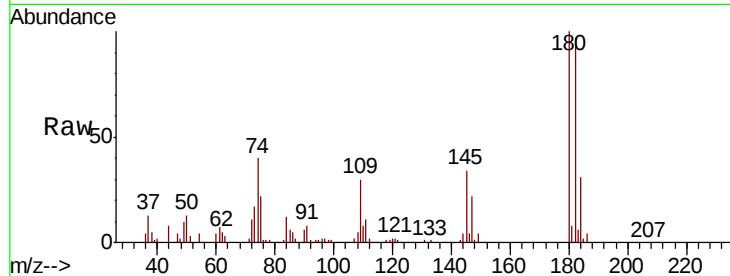




#87
 1,2,4-Trichlorobenzene
 Concen: 1.797 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.4	113.2
145	34.2	25.4	38.0

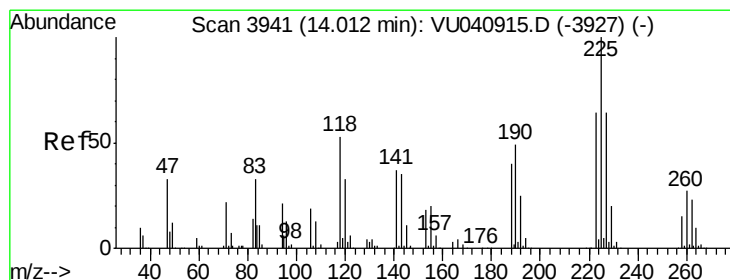
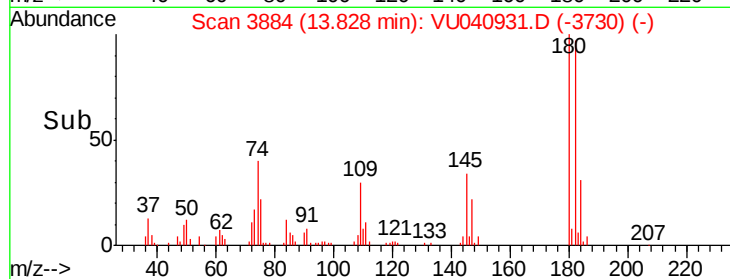
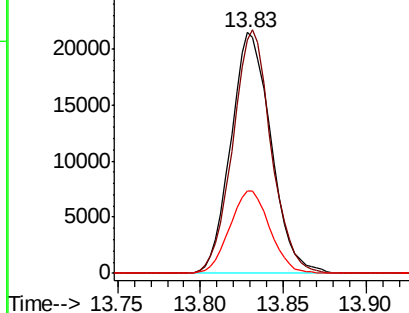


Abundance

Ion 179.70 (179.40 to 180.40): V

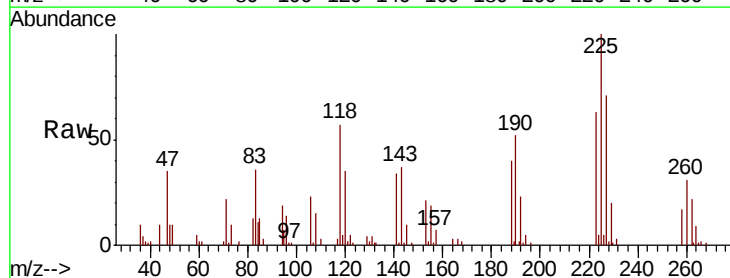
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 2.151 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	67.2	51.1	76.7

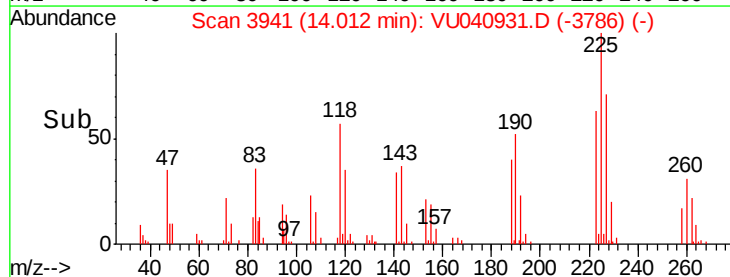
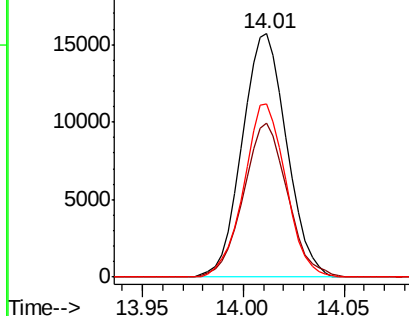


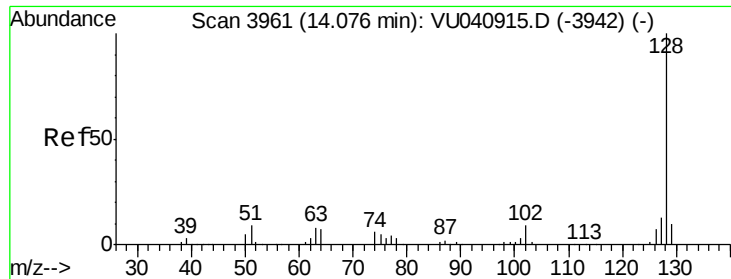
Abundance

Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.871 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

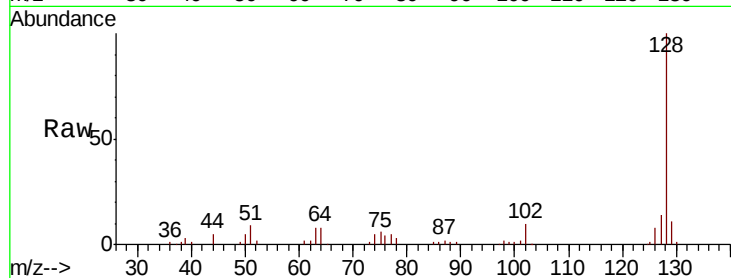
Tot Ion:128 Resp: 63081

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

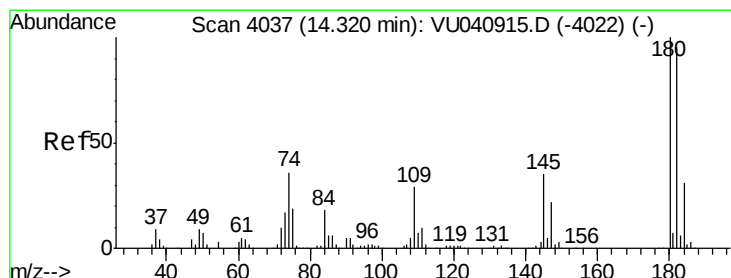
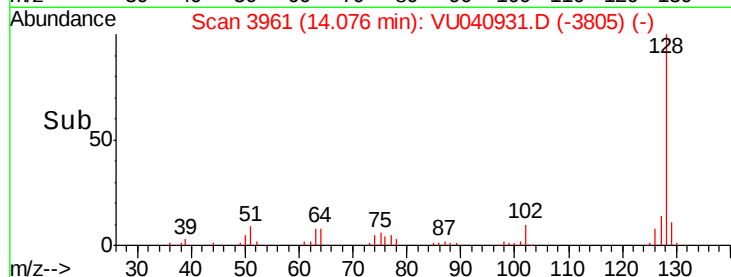
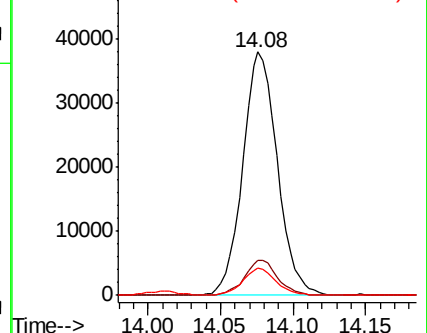
129 10.7 8.6 13.0



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: 1.885 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

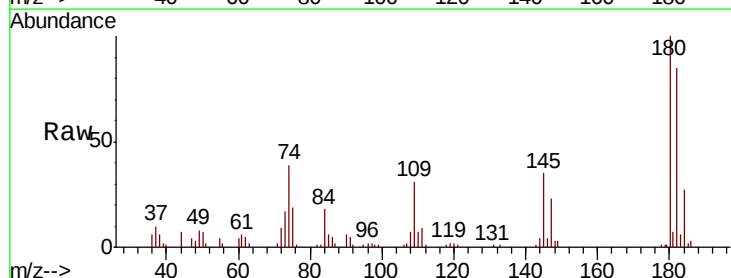
Tgt Ion:180 Resp: 36939

Ion Ratio Lower Upper

180 100

182 92.6 76.0 114.0

145 36.2 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

