

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040930.D
 Acq On : 23 Oct 2020 12:04
 Operator : SY/MD
 Sample : VU1023WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Quant Time: Oct 24 06:23:01 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	6.13	96	54420	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	18413	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	21009	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	49509	1.951 ug/l	97
3) Chloromethane	1.53	50	54291	2.052 ug/l	95
4) Vinyl Chloride	1.61	62	50721	2.059 ug/l	99
5) Bromomethane	1.87	94	30327	2.095 ug/l	99
6) Chloroethane	1.94	64	30269	2.010 ug/l	97
7) Trichlorofluoromethane	2.15	101	63305	2.034 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35653	2.060 ug/l	98
9) 1,1-Dichloroethene	2.59	96	31243	2.073 ug/l	97
10) Iodomethane	2.74	142	30053	1.968 ug/l	99
11) Allyl Chloride	2.94	41	61997	1.998 ug/l	98
12) Acrylonitrile	3.34	53	22654	4.264 ug/l #	93
13) Acetone	2.66	43	51917	11.675 ug/l	98
14) Carbon Disulfide	2.81	76	116571	2.058 ug/l	98
15) Methylene Chloride	3.06	84	37694	1.926 ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	36121	2.118 ug/l	91
17) 1,1-Dichloroethane	3.89	63	73710	2.113 ug/l	100
18) 2-Butanone	4.75	43	78718	10.943 ug/l	97
19) Cyclohexane	5.40	56	59652	1.817 ug/l	89
20) Methylcyclohexane	6.77	83	41757	1.700 ug/l	93
21) 2,2-Dichloropropane	4.68	77	61870	2.100 ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	36964	2.031 ug/l	97
23) Diethyl Ether	2.39	59	29181	1.961 ug/l	92
24) tert-Butyl Alcohol	3.25	59	4640	2.795 ug/l #	72
25) Methyl tert-Butyl Ether	3.38	73	93165	1.993 ug/l	97
26) Bromochloromethane	4.99	128	16928	2.140 ug/l	91
27) Chloroform	5.11	83	69957	2.098 ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	57858	2.013 ug/l	96
29) 1,1-Dichloropropene	5.54	75	49433	1.963 ug/l	99
30) Carbon Tetrachloride	5.53	117	52419	2.015 ug/l	97
31) Isopropyl Ether	4.02	45	105262	1.951 ug/l	96
32) Ethyl-t-butyl ether	4.53	59	93066	1.959 ug/l	100
33) Tert-Amyl methyl ether	5.97	73	61926	1.750 ug/l	98
34) Propionitrile	4.83	54	21851	11.063 ug/l #	73
35) Benzene	5.79	78	136418	1.954 ug/l	100
36) 1,2-Dichloroethane	5.81	62	53030	2.049 ug/l	96
37) Trichloroethene	6.55	130	32195	1.951 ug/l	98
38) 1,2-Dichloropropane	6.80	63	39684	2.003 ug/l	98
39) Methacrylonitrile	5.01	41	16778	1.812 ug/l #	89
40) Methyl acrylate	4.87	55	26888	2.118 ug/l #	95
41) Tetrahydrofuran	5.10	42	19635	4.122 ug/l	98
42) 1-Chlorobutane	5.47	56	75286	1.977 ug/l	96

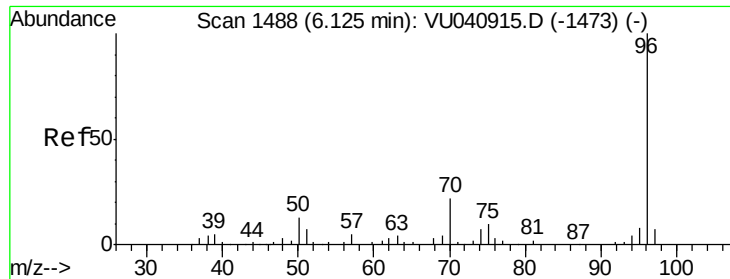
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040930.D
 Acq On : 23 Oct 2020 12:04
 Operator : SY/MD
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Instrument :
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 ClientSampleId :
 VU1023WBS01

Quant Time: Oct 24 06:23:01 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	22384	2.016	ug/l	97
44) Bromodichloromethane	7.12	83	51926	2.015	ug/l	96
45) 4-Methyl-2-Pentanone	7.81	43	132085	9.063	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	47025	8.160	ug/l #	53
47) Methyl methacrylate	6.98	69	31729	3.423	ug/l	96
48) Ethyl methacrylate	8.34	69	25647	1.645	ug/l	97
49) Toluene	7.98	92	69393	1.807	ug/l	92
50) t-1,3-Dichloropropene	8.22	75	41627	1.869	ug/l	95
51) cis-1,3-Dichloropropene	7.62	75	45161	1.850	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	29471	2.100	ug/l	97
53) 1,3-Dichloropropane	8.58	76	47723	1.894	ug/l	98
54) 2-Hexanone	8.70	43	93508	9.184	ug/l	94
55) Dibromochloromethane	8.82	129	33615	1.997	ug/l	94
56) 1,2-Dibromoethane	8.93	107	25533	1.962	ug/l	99
58) Tetrachloroethene	8.56	164	28709	1.861	ug/l	93
59) Chlorobenzene	9.45	112	73269	1.803	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	32049	2.007	ug/l	99
61) Pentachloroethane	11.42	117	25404	1.969	ug/l	99
62) Hexachloroethane	12.47	117	26102	1.988	ug/l	97
63) Ethyl Benzene	9.57	91	112002	1.664	ug/l	97
64) m/p-Xylenes	9.69	106	87685	3.311	ug/l	98
65) o-Xylene	10.10	106	41782	1.767	ug/l	99
66) Styrene	10.11	104	71896	1.684	ug/l	98
67) Bromoform	10.29	173	17461	1.917	ug/l	96
69) Isopropylbenzene	10.48	105	106722	1.693	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	39049	2.045	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	47025	3.230	ug/l	74
72) Bromobenzene	10.78	156	31997	1.946	ug/l	97
73) n-propylbenzene	10.90	120	31105	1.682	ug/l	92
74) 2-Chlorotoluene	10.99	126	30926	1.890	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	99300	1.714	ug/l	100
76) 4-Chlorotoluene	11.10	126	33358	1.967	ug/l	93
77) tert-Butylbenzene	11.42	119	95590	1.794	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	102836	1.716	ug/l	99
79) sec-Butylbenzene	11.64	105	136445	1.844	ug/l	99
80) Nitrobenzene	13.20	77	9774	10.822	ug/l #	91
81) p-Isopropyltoluene	11.79	119	112885	1.812	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	75232	2.098	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	75163	2.073	ug/l	98
84) n-Butylbenzene	12.20	91	114078	1.842	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	69565	2.028	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7032	1.972	ug/l	88
87) 1,2,4-Trichlorobenzene	13.83	180	36586	1.820	ug/l	96
88) Hexachlorobutadiene	14.01	225	24491	2.170	ug/l	97
89) Naphthalene	14.08	128	57608	1.773	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	34346	1.756	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 96 Resp: 54420

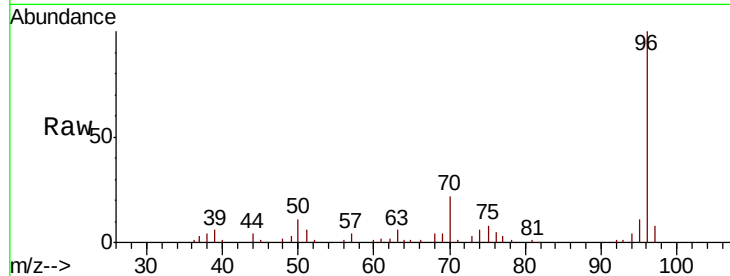
Ion Ratio Lower Upper

96 100

70 20.7 16.3 24.5

95 10.7 7.3 10.9

97 7.3 0.0 0.0#

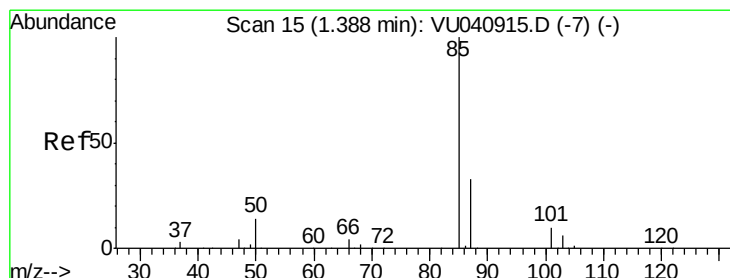
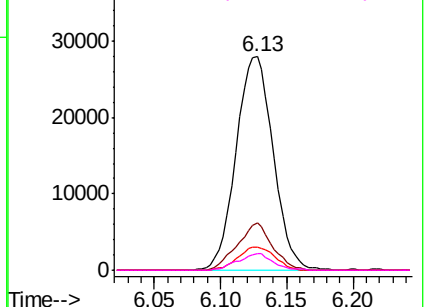
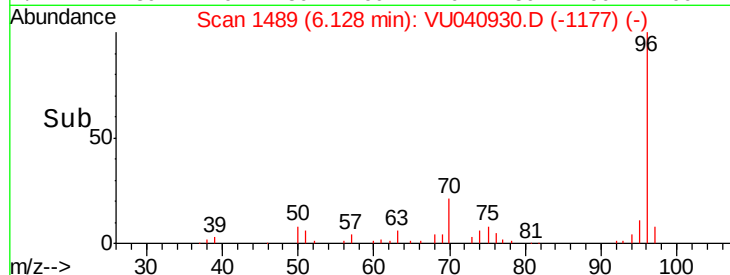


Abundance Ion 96.00 (95.70 to 96.70): VU040930.D (-1177) (-)

Ion 70.00 (69.70 to 70.70): VU040930.D (-1177) (-)

Ion 95.00 (94.70 to 95.70): VU040930.D (-1177) (-)

Ion 97.00 (96.70 to 97.70): VU040930.D (-1177) (-)



#2

Dichlorodifluoromethane

Concen: 1.951 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040930.D

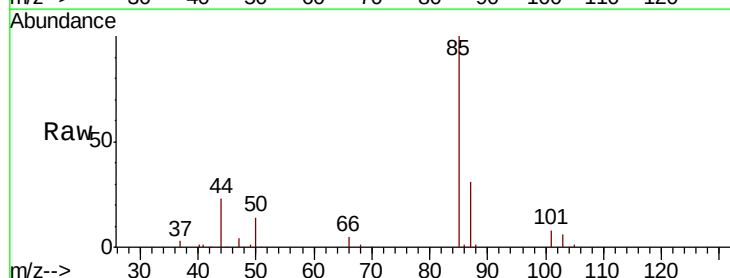
Acq: 23 Oct 2020 12:04

Tgt Ion: 85 Resp: 49509

Ion Ratio Lower Upper

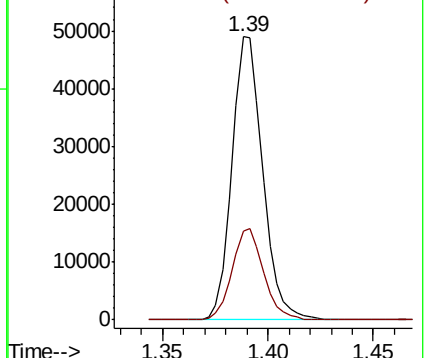
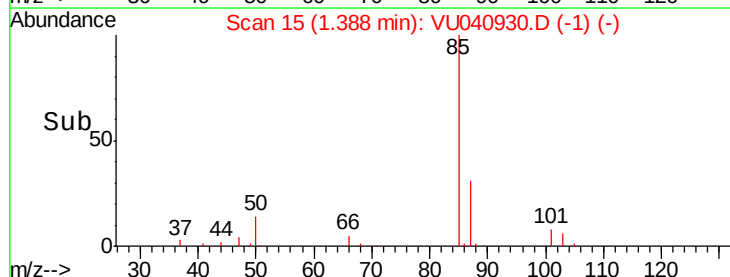
85 100

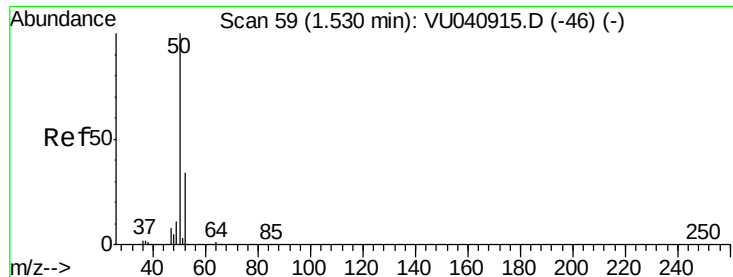
87 31.2 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU040930.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU040930.D (-1) (-)





#3

Chloromethane

Concen: 2.052 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

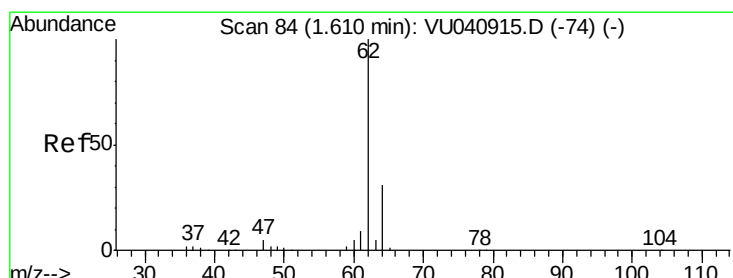
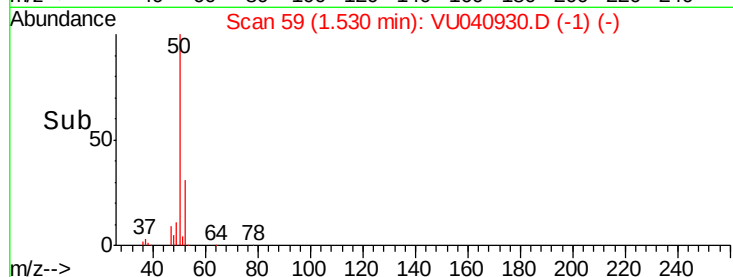
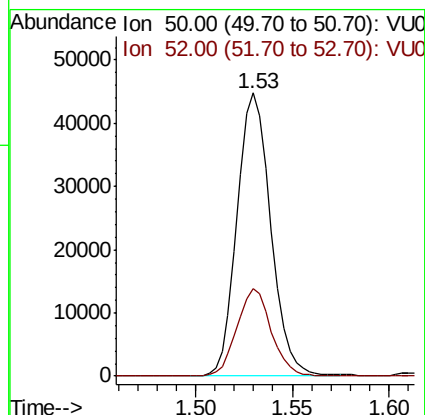
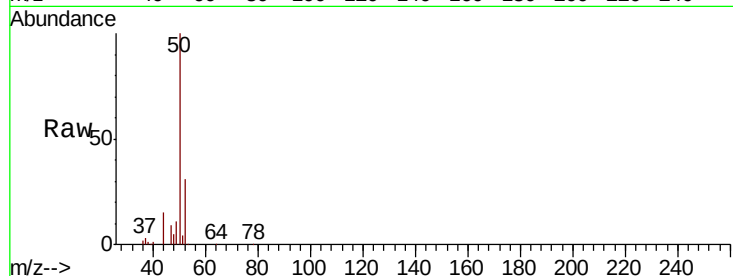
VU1023WBS01

Tot Ion: 50 Resp: 54291

Ion Ratio Lower Upper

50 100

52 31.0 26.9 40.3



#4

Vinyl Chloride

Concen: 2.059 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040930.D

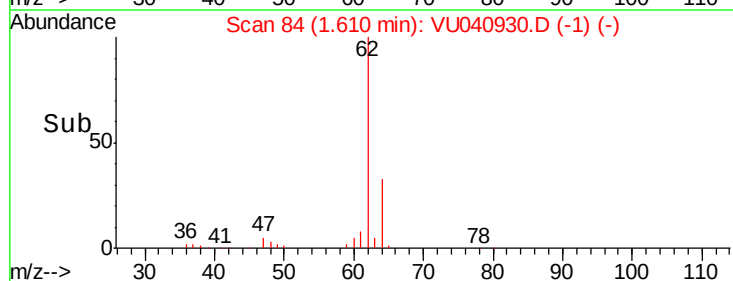
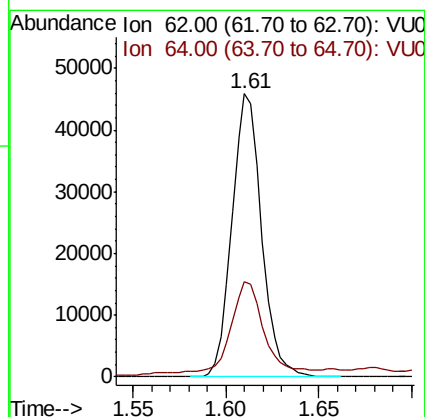
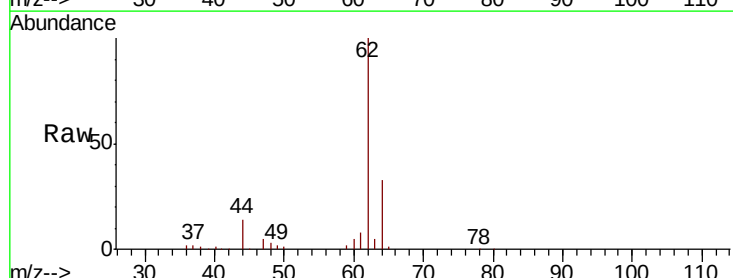
Acq: 23 Oct 2020 12:04

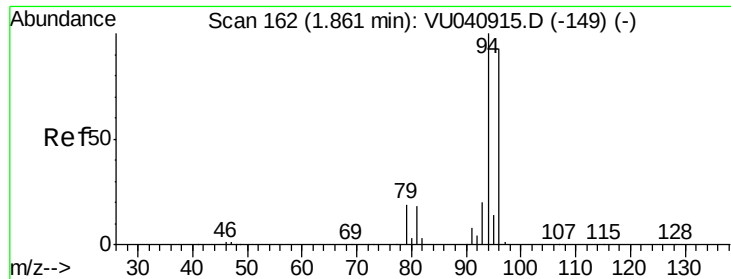
Tgt Ion: 62 Resp: 50721

Ion Ratio Lower Upper

62 100

64 31.6 24.7 37.1





#5

Bromomethane

Concen: 2.095 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

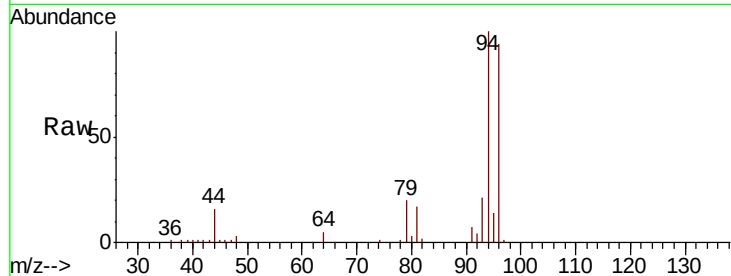
VU1023WBS01

Tot Ion: 94 Resp: 30327

Ion Ratio Lower Upper

94 100

96 93.8 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VU040930.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040930.D (-149) (-)

1.87

25000

20000

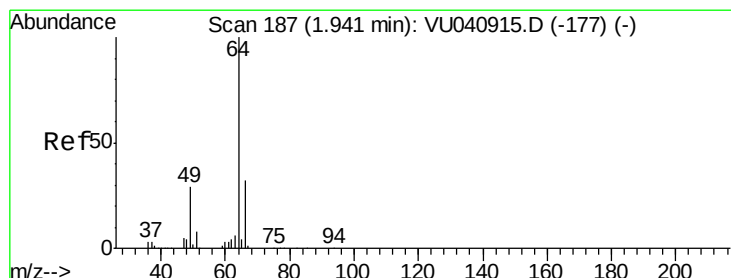
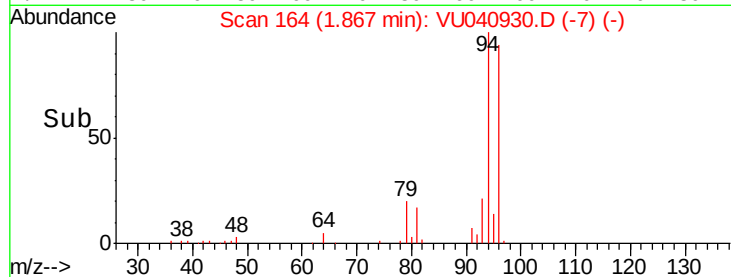
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 2.010 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040930.D

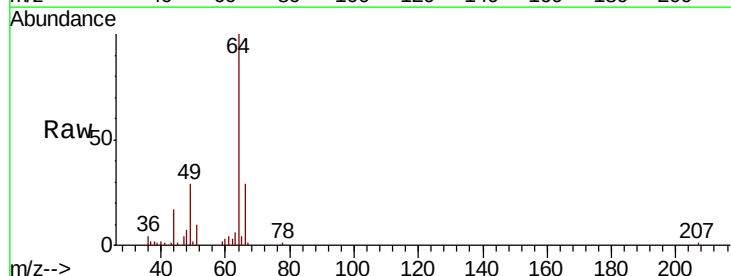
Acq: 23 Oct 2020 12:04

Tgt Ion: 64 Resp: 30269

Ion Ratio Lower Upper

64 100

66 30.1 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU040930.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU040930.D (-32) (-)

1.94

25000

20000

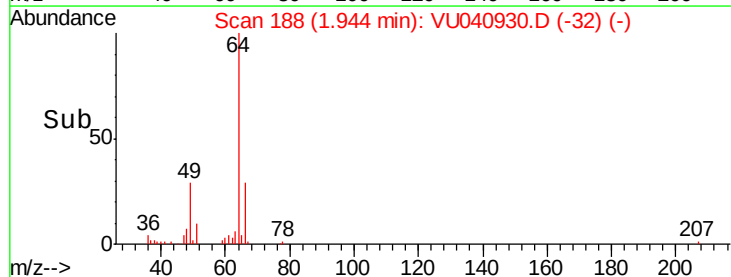
15000

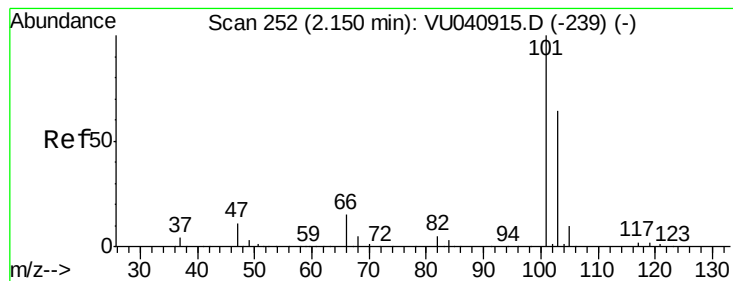
10000

5000

0

Time-->



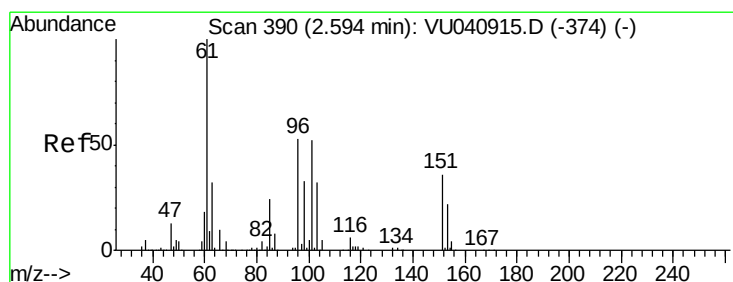
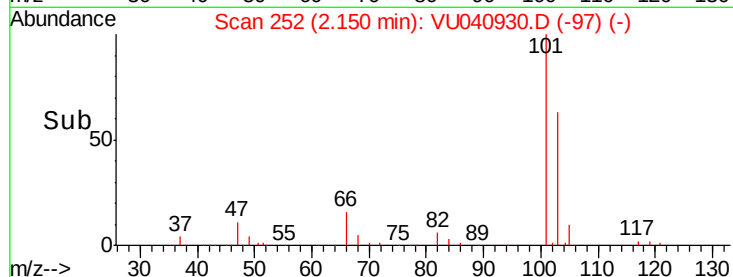
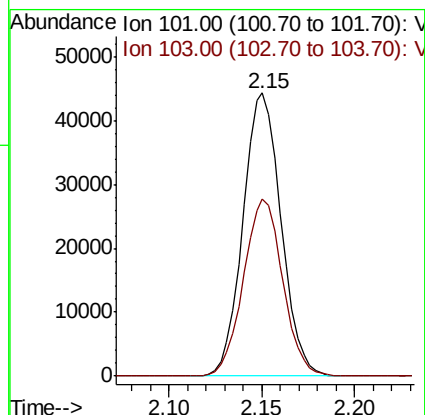
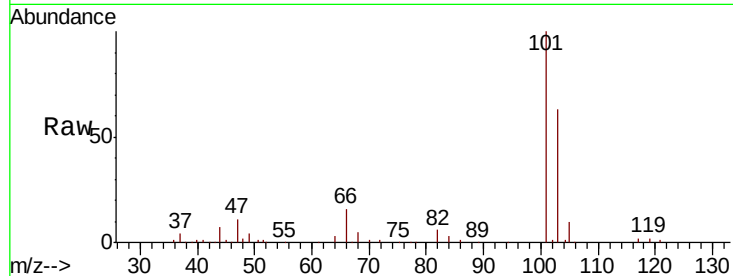


#7

Trichlorofluoromethane
 Concen: 2.034 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

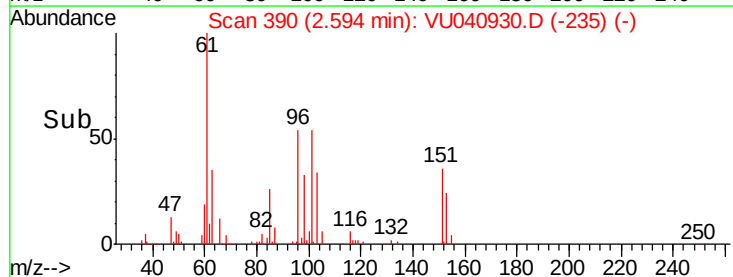
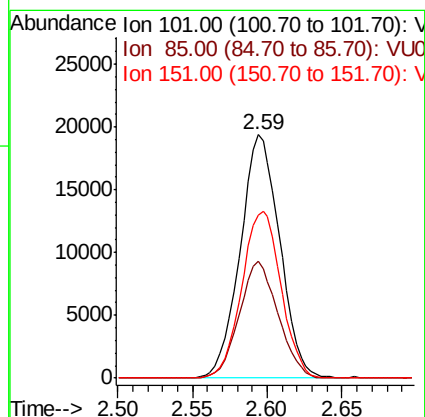
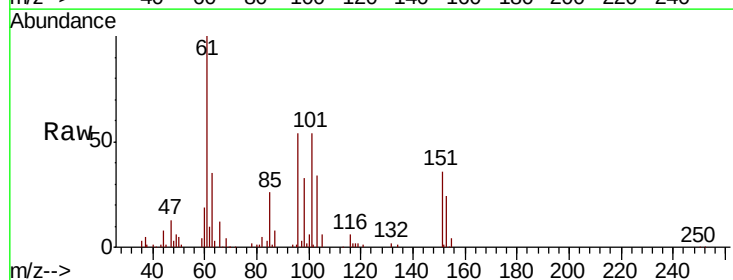
Tot Ion:101 Resp: 63305
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3

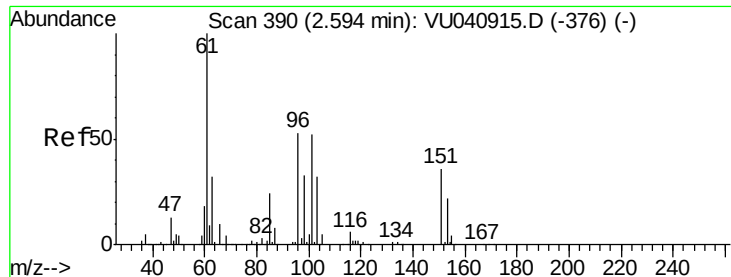


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.060 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion:101 Resp: 35653
 Ion Ratio Lower Upper
 101 100
 85 46.9 36.2 54.2
 151 67.9 55.1 82.7





#9

1,1-Dichloroethene

Concen: 2.073 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

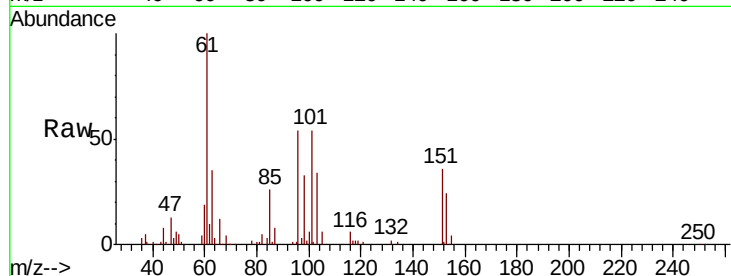
Tot Ion: 96 Resp: 31243

Ion Ratio Lower Upper

96 100

61 183.1 0.0 561.9

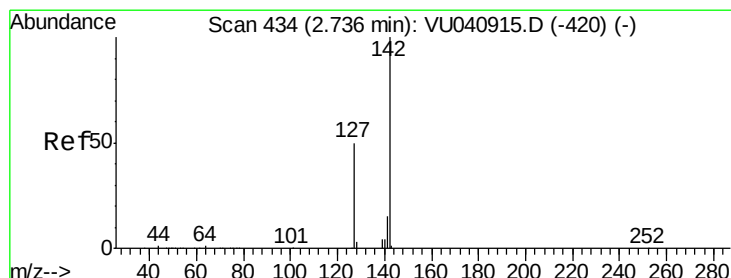
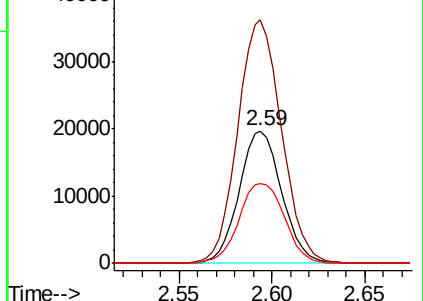
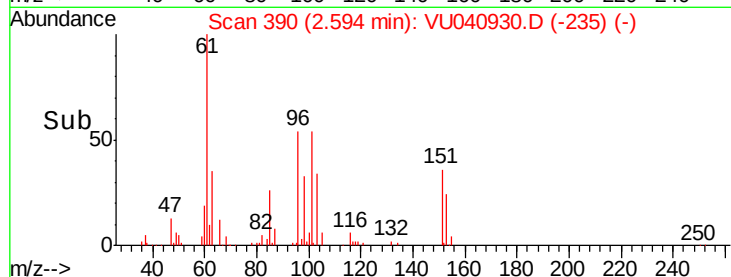
98 60.6 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040930.D (-235) (-)

Ion 61.00 (60.70 to 61.70): VU040930.D (-235) (-)

Ion 98.00 (97.70 to 98.70): VU040930.D (-235) (-)



#10

Iodomethane

Concen: 1.968 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040930.D

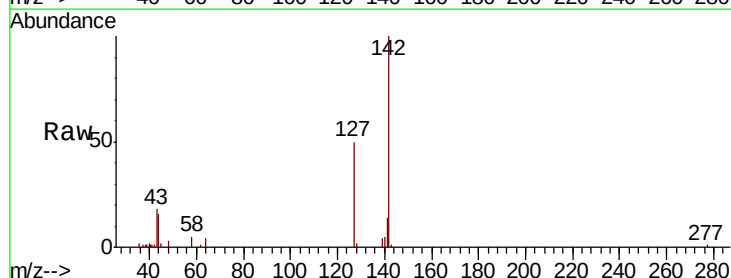
Acq: 23 Oct 2020 12:04

Tgt Ion: 142 Resp: 30053

Ion Ratio Lower Upper

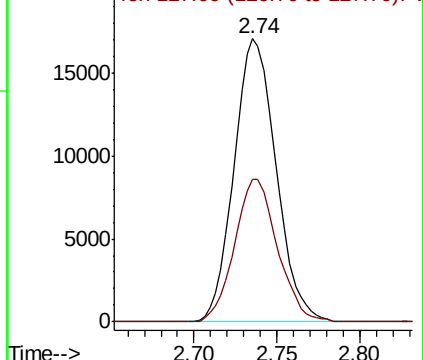
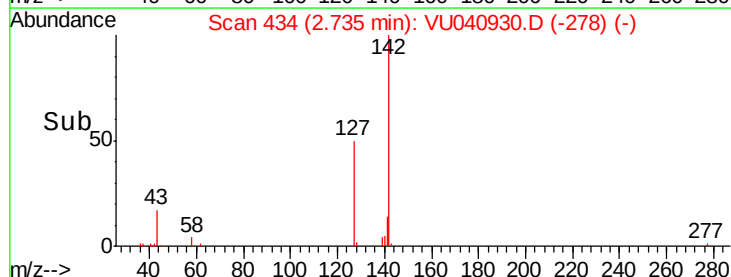
142 100

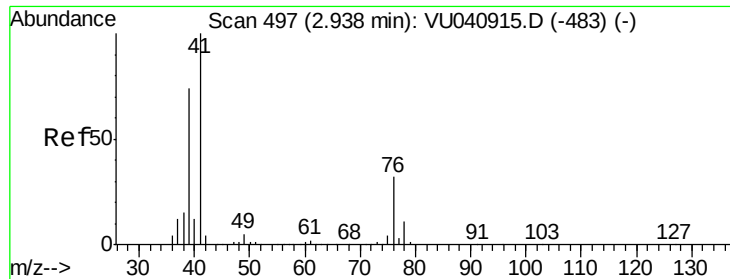
127 51.3 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040930.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040930.D (-278) (-)

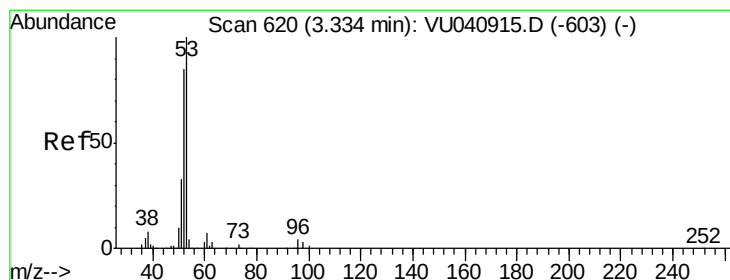
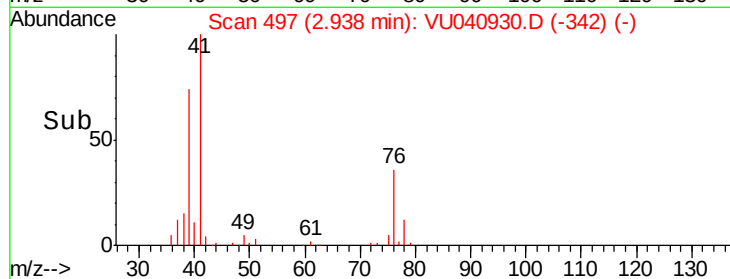
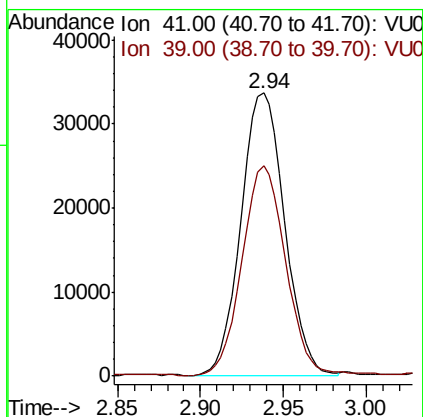
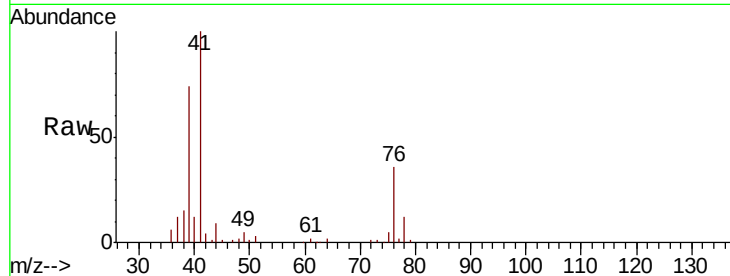




#11
Allvl Chloride
Concen: 1.998 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

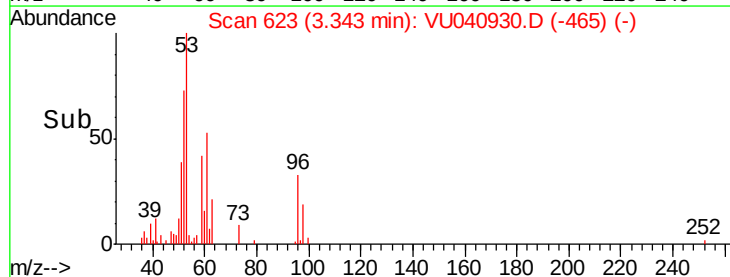
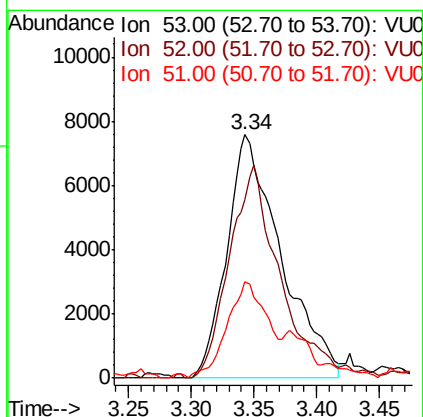
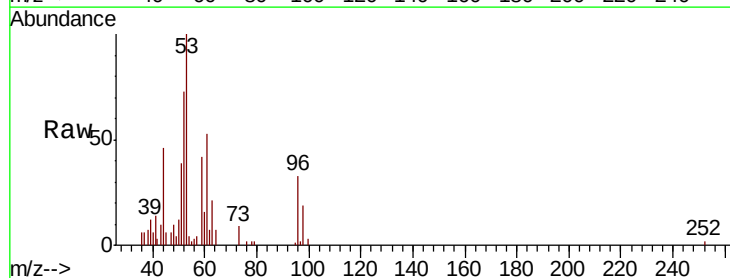
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

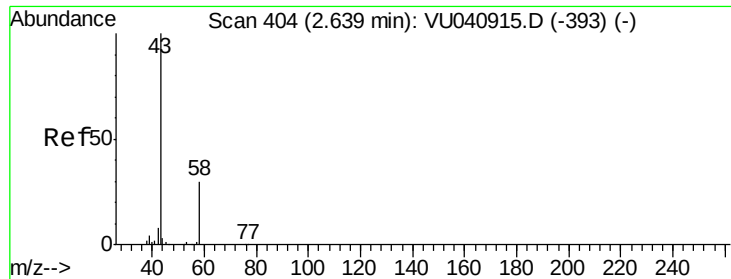
Tot Ion: 41 Resp: 61997
Ion Ratio Lower Upper
41 100
39 75.1 59.0 88.4



#12
Acrylonitrile
Concen: 4.264 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 53 Resp: 22654
Ion Ratio Lower Upper
53 100
52 81.7 63.1 94.7
51 29.8 30.6 46.0#





#13

Acetone

Concen: 11.675 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

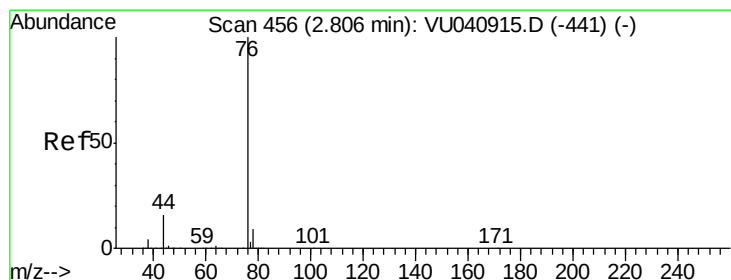
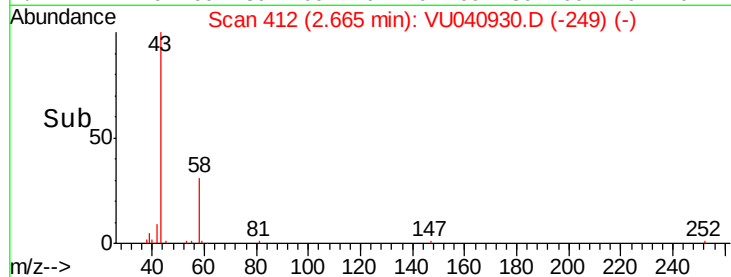
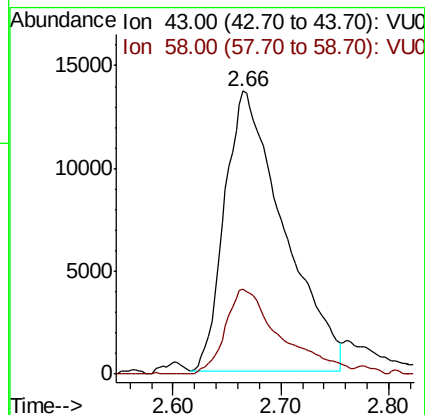
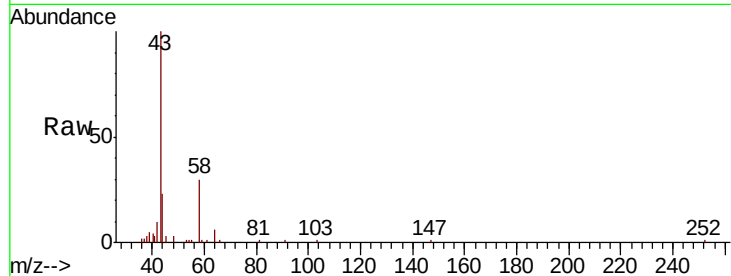
VU1023WBS01

Tot Ion: 43 Resp: 51917

Ion Ratio Lower Upper

43 100

58 30.4 23.6 35.4



#14

Carbon Disulfide

Concen: 2.058 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040930.D

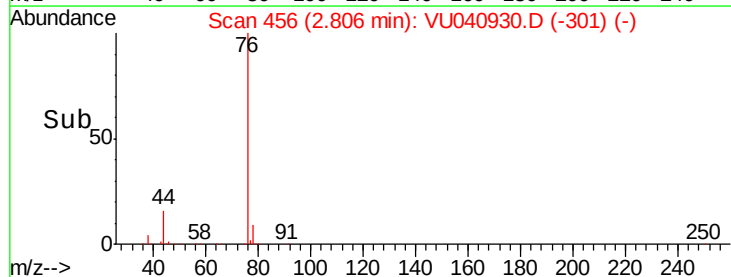
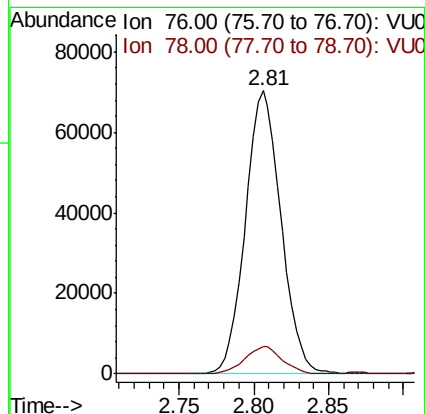
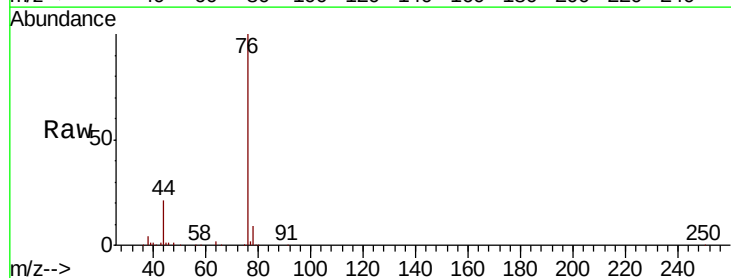
Acq: 23 Oct 2020 12:04

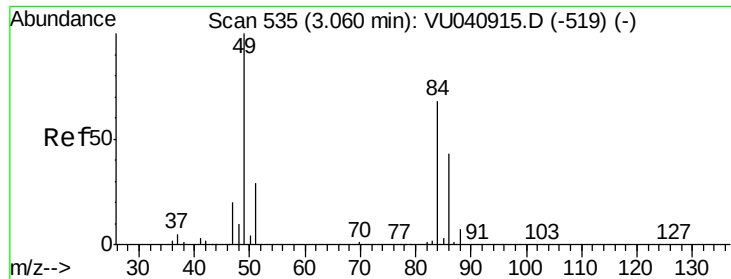
Tgt Ion: 76 Resp: 116571

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

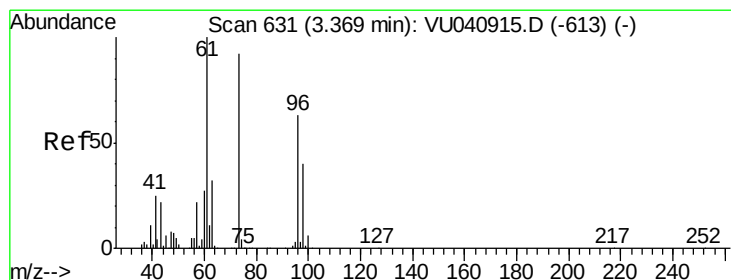
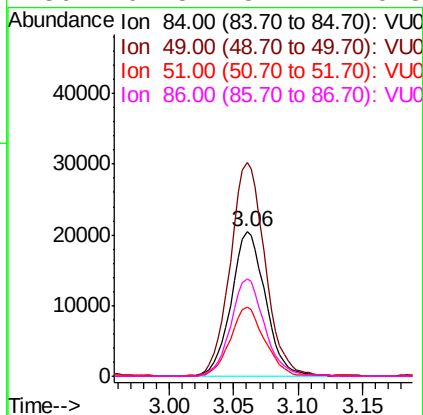
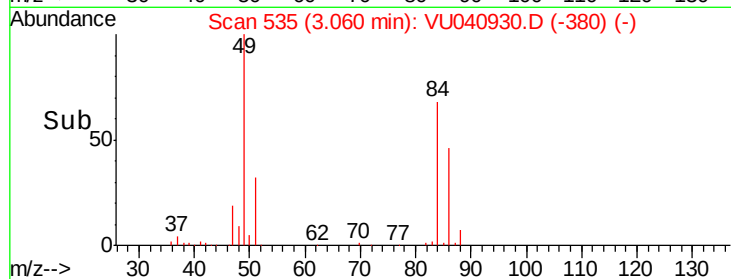
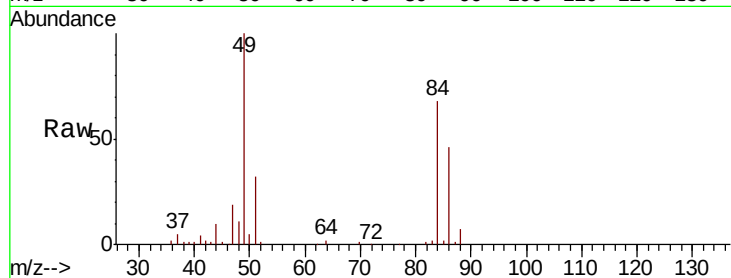




#15
Methylene Chloride
Concen: 1.926 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

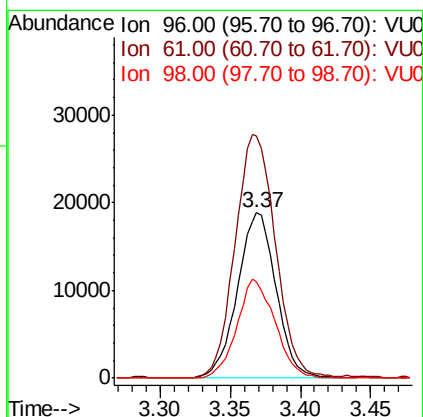
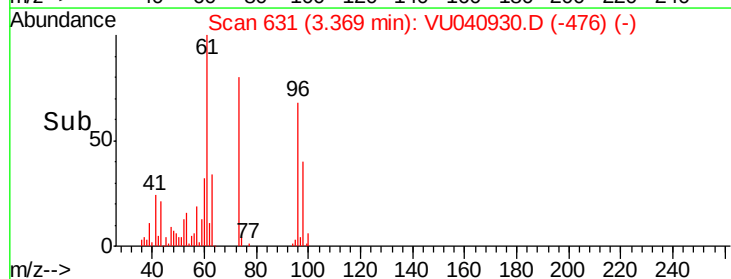
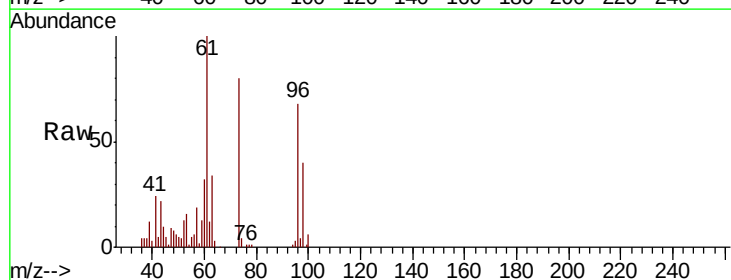
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

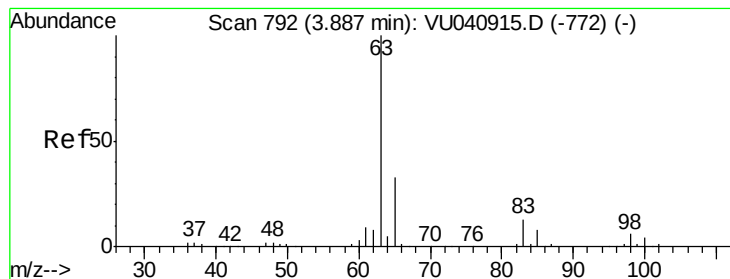
Tot Ion:	84	Resp:	37694
Ion	Ratio	Lower	Upper
84	100		
49	147.8	118.2	177.4
51	47.4	0.0	86.8
86	67.8	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 2.118 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:	96	Resp:	36121
Ion	Ratio	Lower	Upper
96	100		
61	146.7	127.0	190.4
98	58.6	51.2	76.8





#17

1,1-Dichloroethane

Concen: 2.113 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

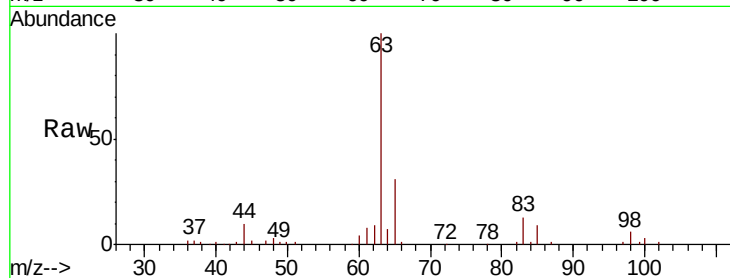
Tot Ion: 63 Resp: 73710

Ion Ratio Lower Upper

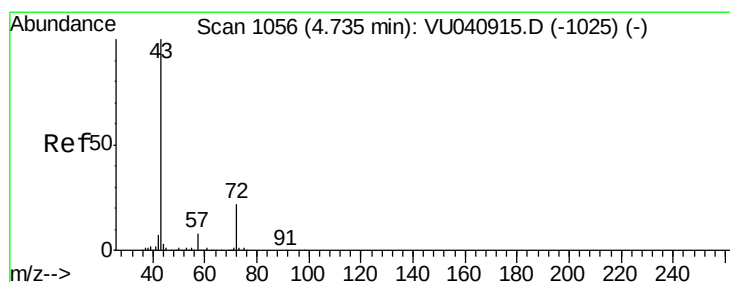
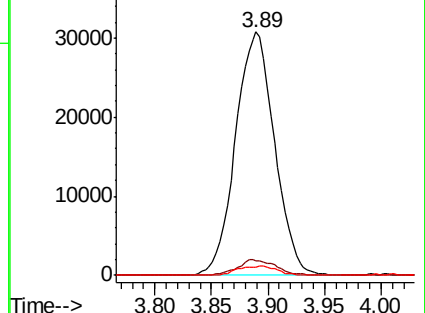
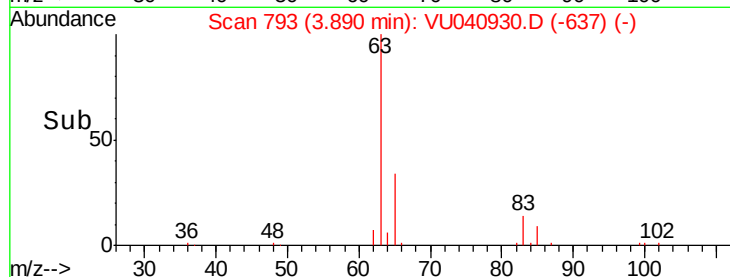
63 100

98 6.1 3.0 9.2

100 3.5 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VU040930.D (-637) (-)



#18

2-Butanone

Concen: 10.943 ug/l

RT: 4.75 min Scan# 1062

Delta R.T. 0.02 min

Lab File: VU040930.D

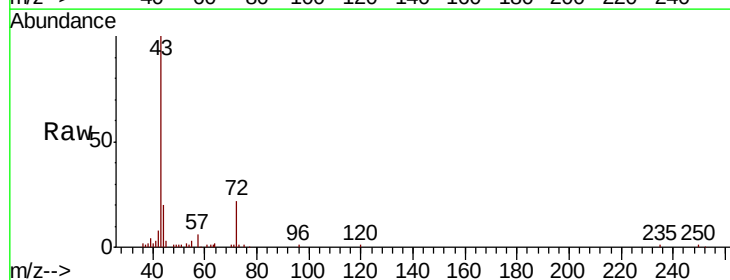
Acq: 23 Oct 2020 12:04

Tgt Ion: 43 Resp: 78718

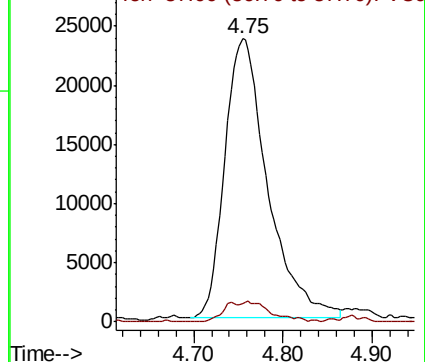
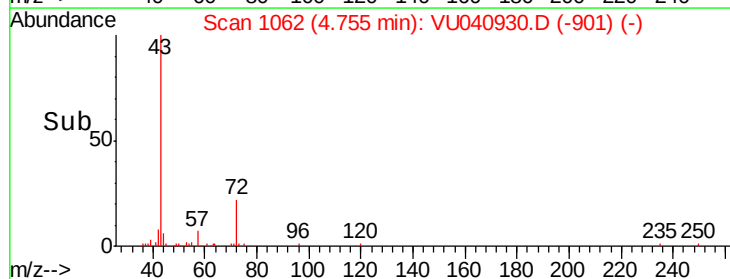
Ion Ratio Lower Upper

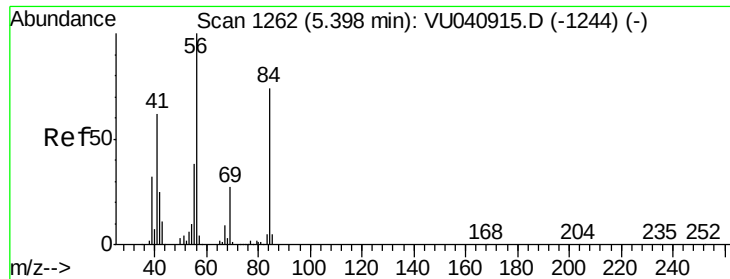
43 100

57 6.6 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040930.D (-901) (-)

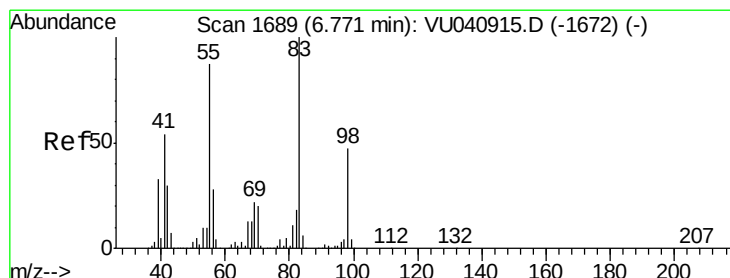
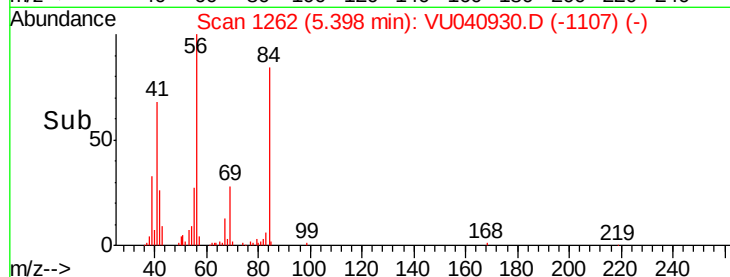
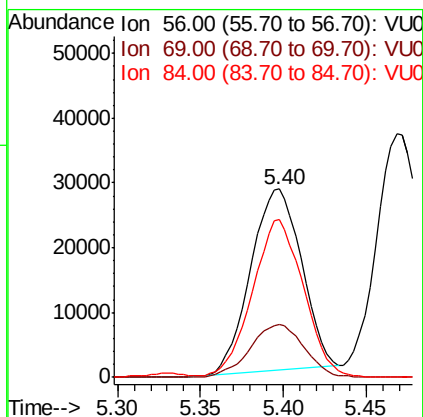
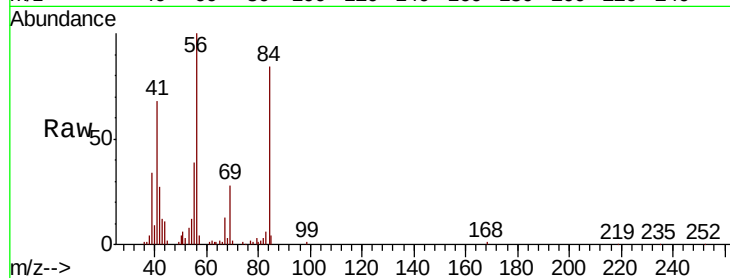




#19
Cyclohexane
Concen: 1.817 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

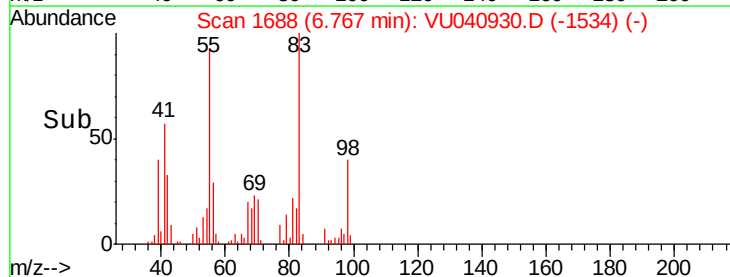
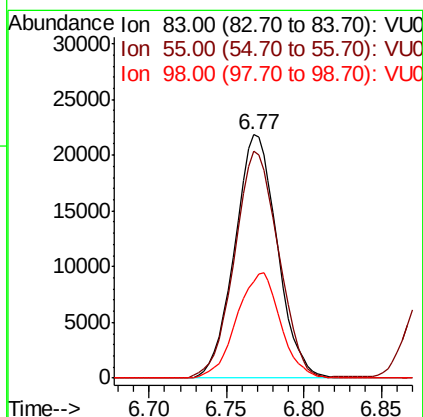
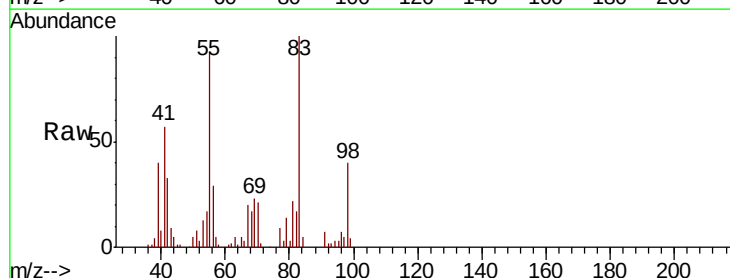
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

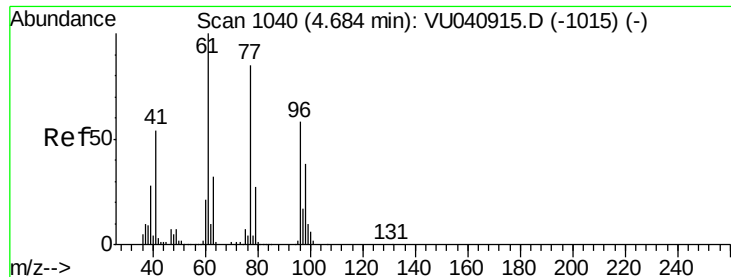
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	22.2	33.2
84	86.2	60.1	90.1



#20
Methylcyclohexane
Concen: 1.700 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	96.0	71.0	106.4
98	44.3	38.1	57.1

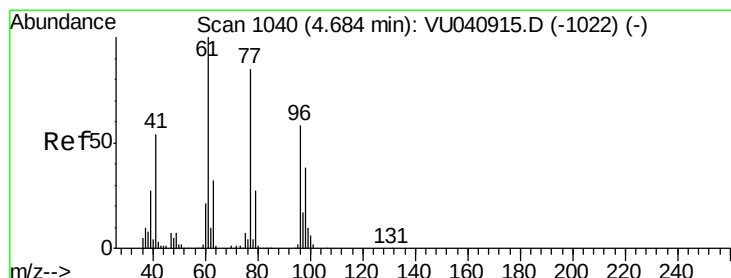
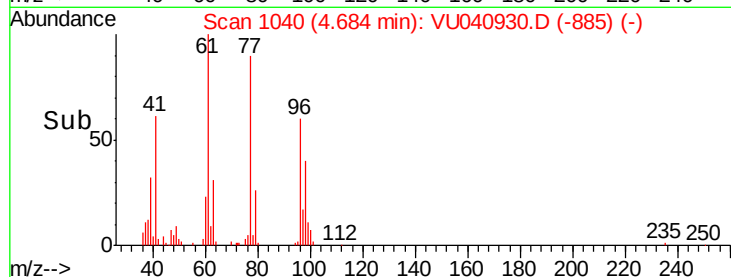
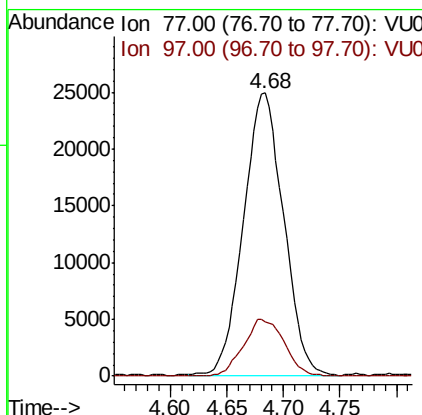
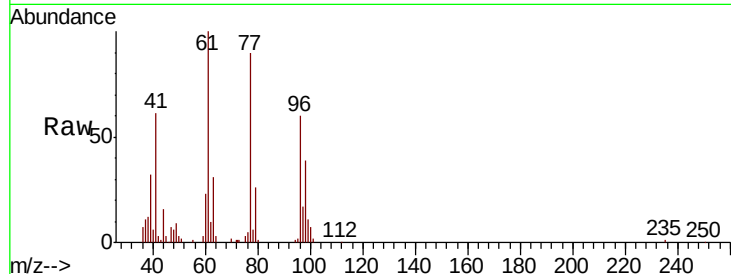




#21
 2,2-Dichloropropane
 Concen: 2.100 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

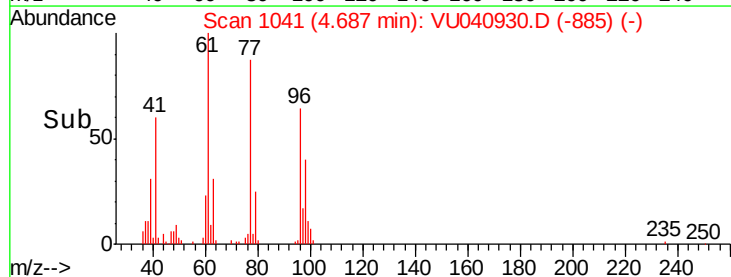
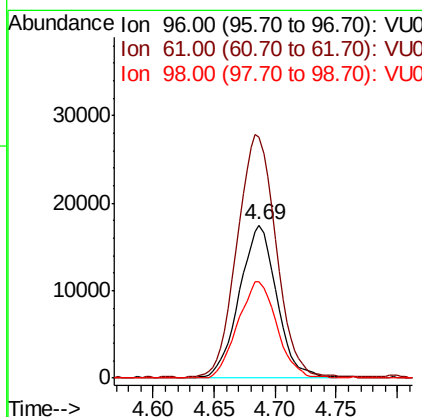
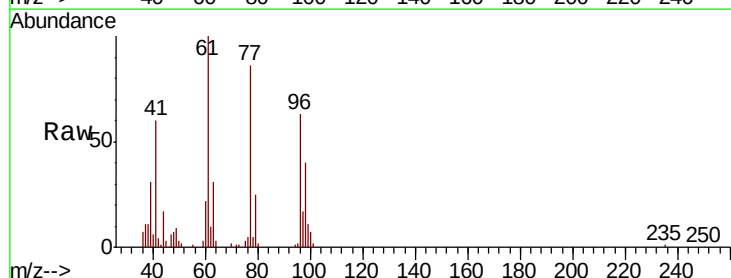
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

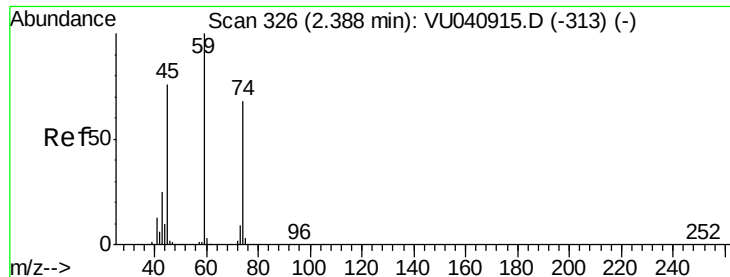
Tot Ion: 77 Resp: 61870
 Ion Ratio Lower Upper
 77 100
 97 20.3 16.0 24.0



#22
 cis-1,2-Dichloroethene
 Concen: 2.031 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 96 Resp: 36964
 Ion Ratio Lower Upper
 96 100
 61 168.1 0.0 434.5
 98 65.6 32.6 97.8

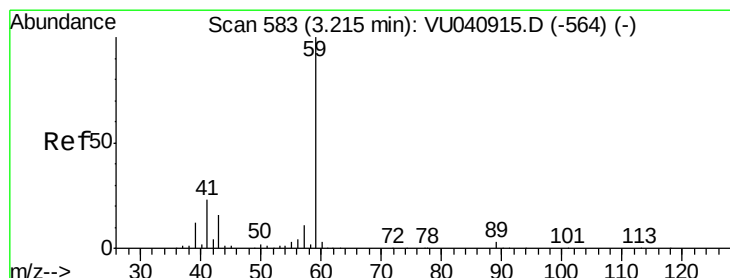
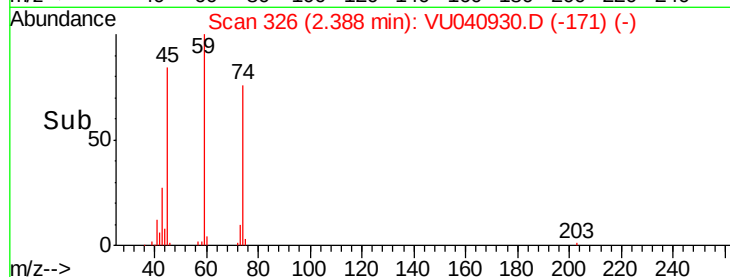
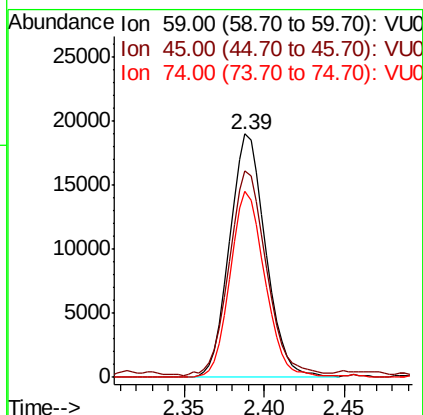
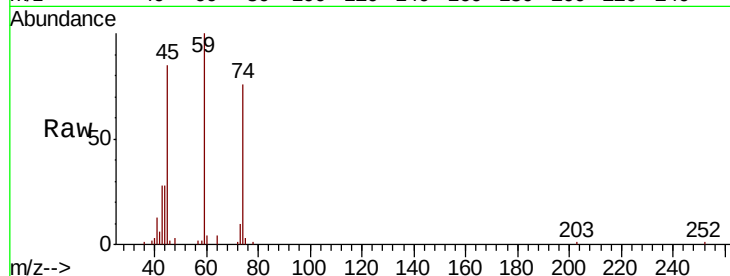




#23
Diethyl Ether
Concen: 1.961 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

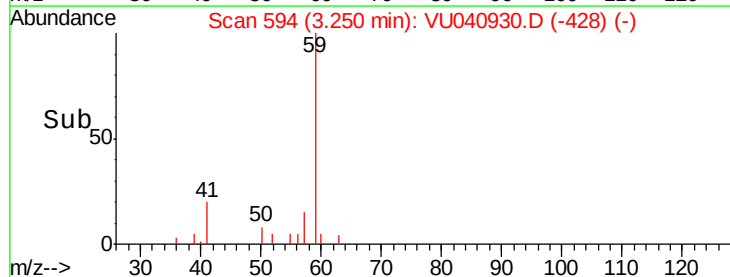
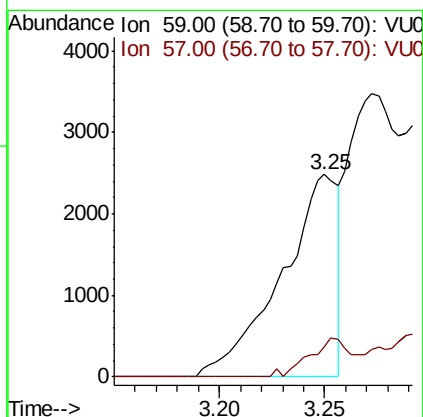
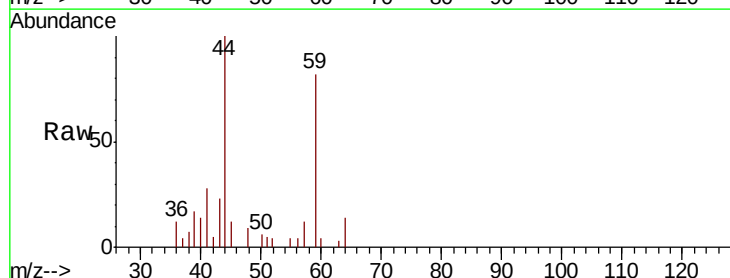
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

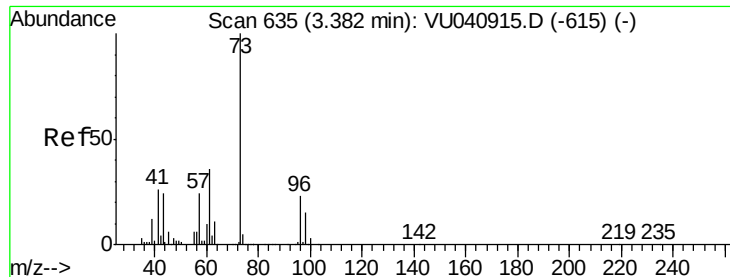
Tot Ion: 59 Resp: 29181
Ion Ratio Lower Upper
59 100
45 86.1 61.4 92.2
74 73.4 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 2.795 ug/l
RT: 3.25 min Scan# 594
Delta R.T. 0.04 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 59 Resp: 4640
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



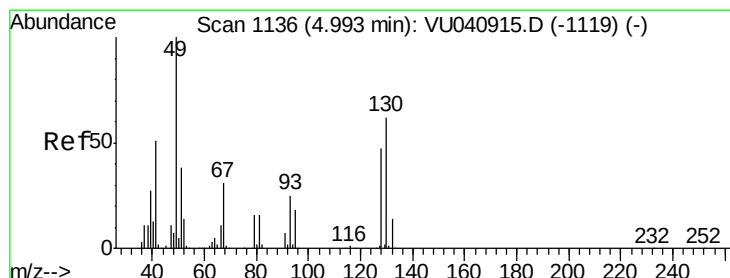
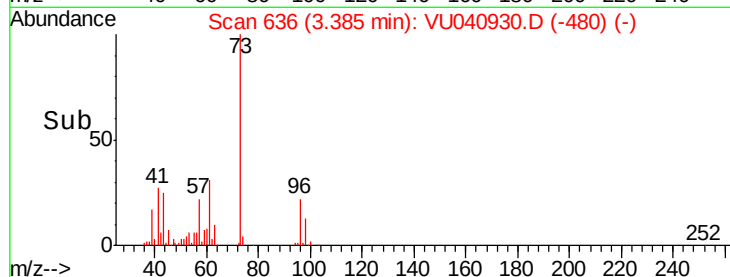
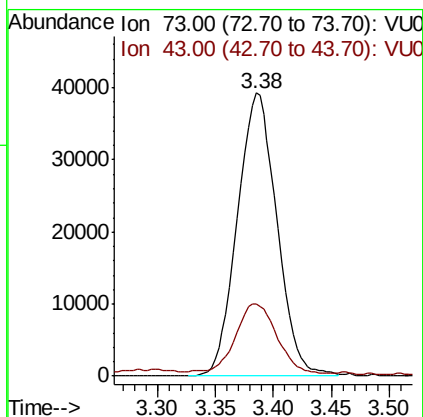
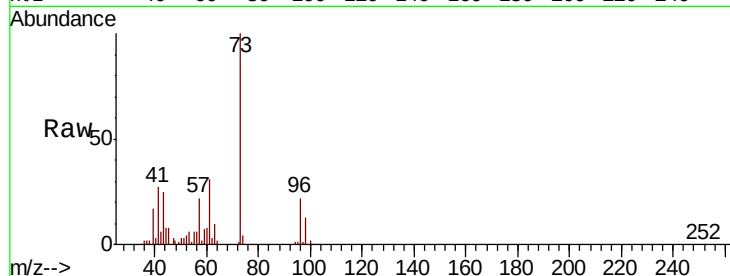


#25

Methyl tert-Butyl Ether
 Concen: 1.993 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

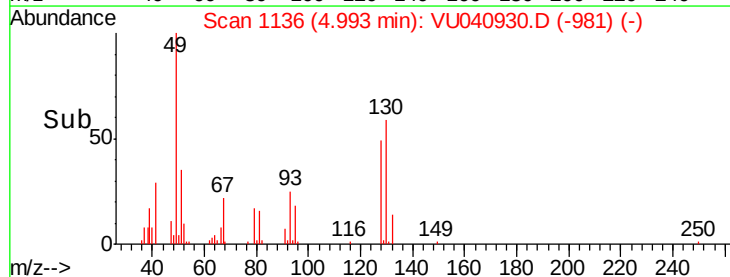
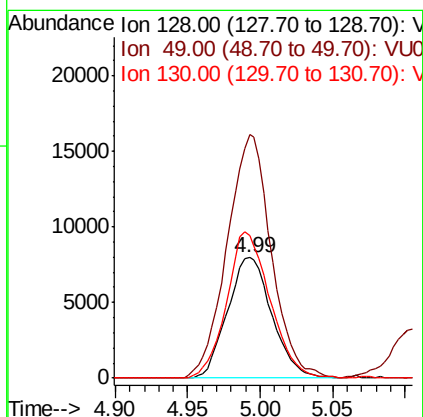
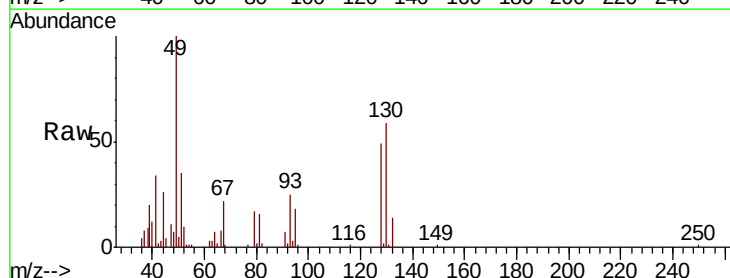
Tot Ion: 73 Resp: 93165
 Ion Ratio Lower Upper
 73 100
 43 25.2 19.0 28.6

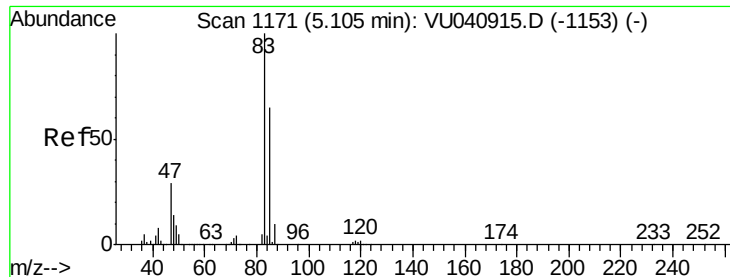


#26

Bromochloromethane
 Concen: 2.140 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 128 Resp: 16928
 Ion Ratio Lower Upper
 128 100
 49 201.0 0.0 426.4
 130 118.6 106.2 159.4





#27

Chloroform

Concen: 2.098 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

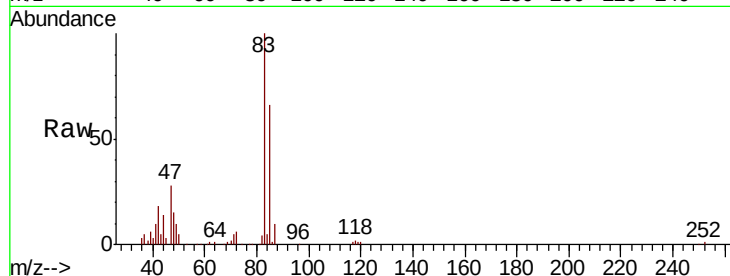
VU1023WBS01

Tot Ion: 83 Resp: 69957

Ion Ratio Lower Upper

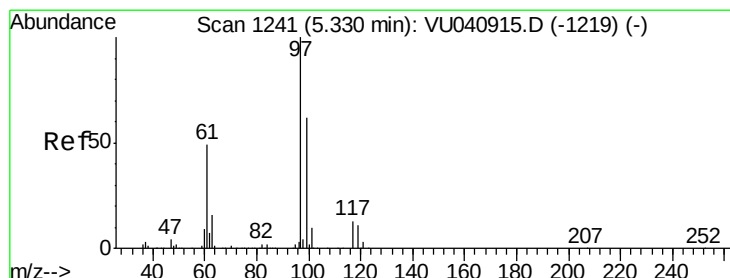
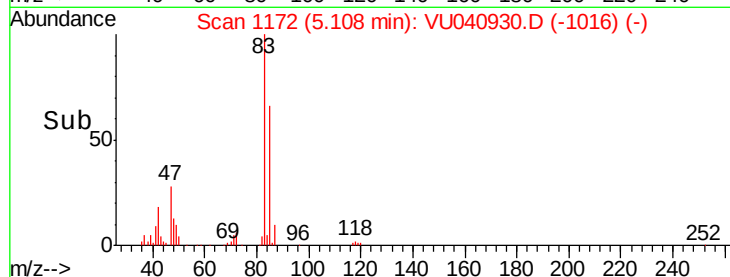
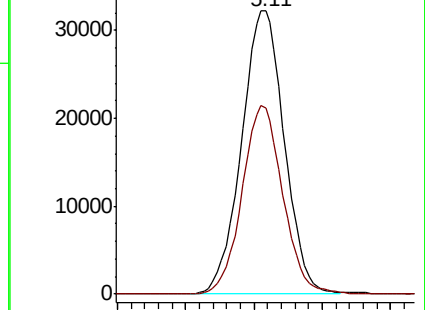
83 100

85 65.9 0.0 129.0



Abundance Ion 83.00 (82.70 to 83.70): VU040930.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040930.D (-1153) (-)



#28

1,1,1-Trichloroethane

Concen: 2.013 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

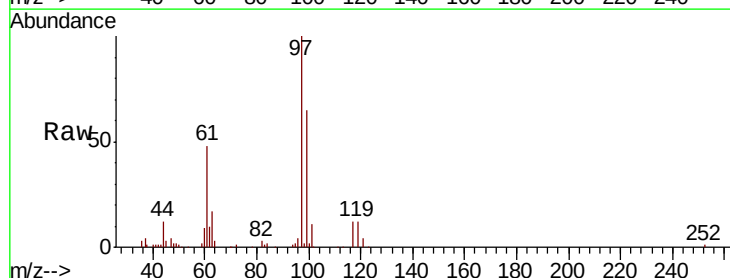
Tgt Ion: 97 Resp: 57858

Ion Ratio Lower Upper

97 100

99 66.2 31.4 94.3

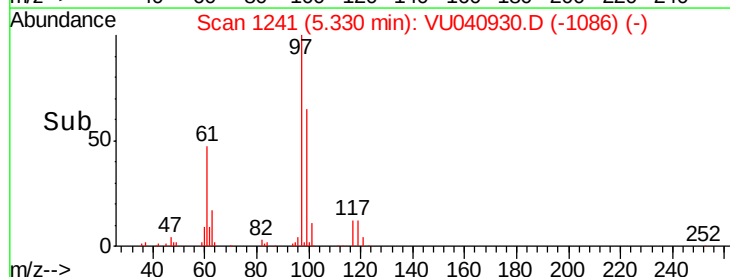
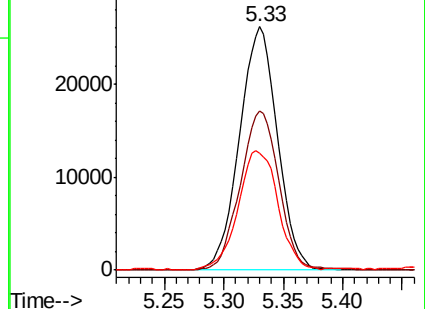
61 51.7 24.7 74.1

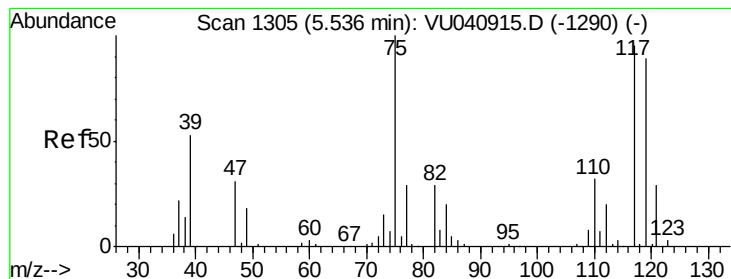


Abundance Ion 97.00 (96.70 to 97.70): VU040930.D (-1086) (-)

Ion 99.00 (98.70 to 99.70): VU040930.D (-1086) (-)

Ion 61.00 (60.70 to 61.70): VU040930.D (-1086) (-)





#29

1,1-Dichloropropene

Concen: 1.963 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

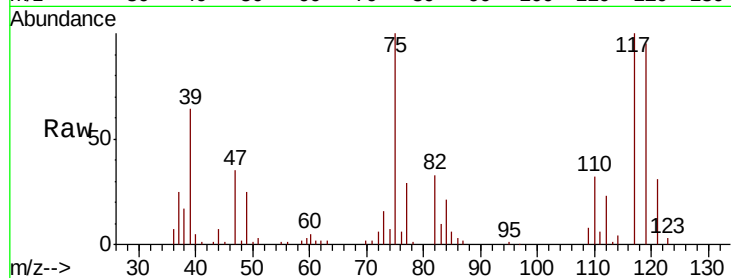
Tot Ion: 75 Resp: 49433

Ion Ratio Lower Upper

75 100

110 32.3 15.9 47.6

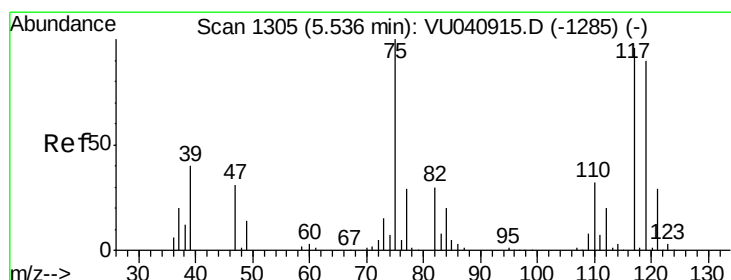
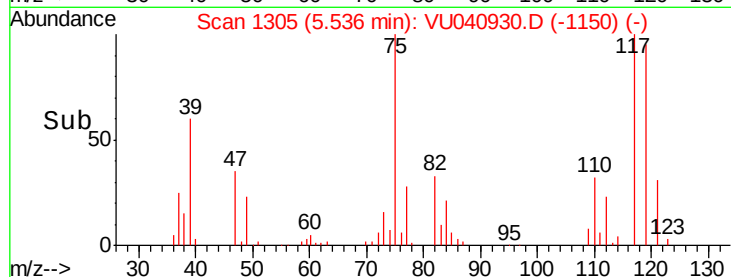
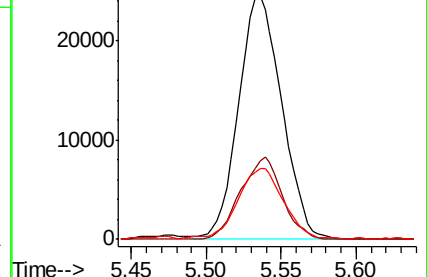
77 31.0 24.2 36.2



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

Ion 110.00 (109.70 to 110.70): VU040915.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU040915.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 2.015 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

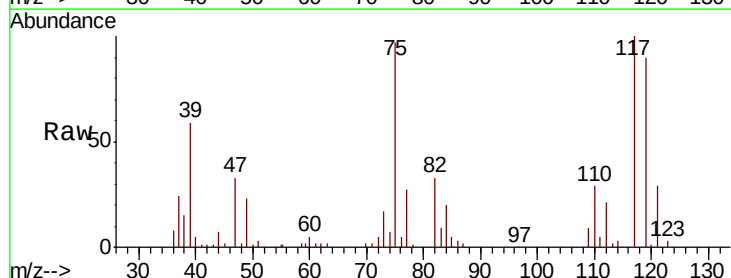
Tgt Ion: 117 Resp: 52419

Ion Ratio Lower Upper

117 100

119 90.3 74.9 112.3

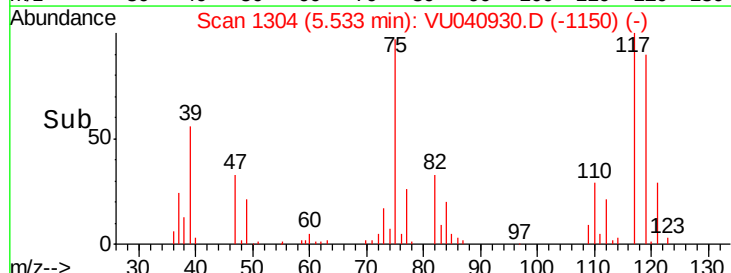
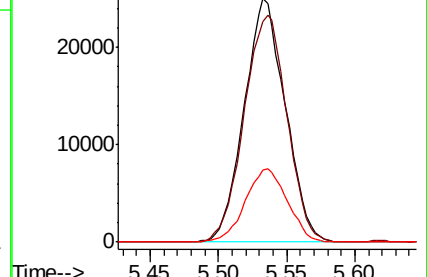
121 29.4 24.1 36.1

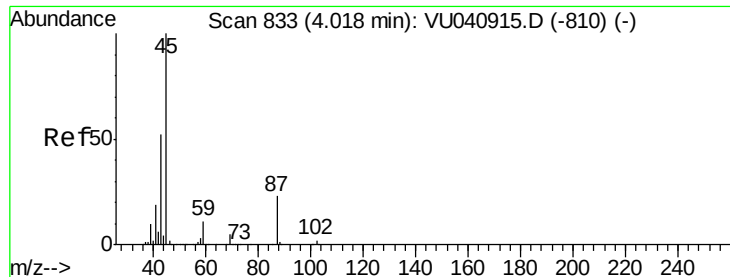


Abundance Ion 117.00 (116.70 to 117.70): VU040915.D (-1285) (-)

Ion 119.00 (118.70 to 119.70): VU040915.D (-1285) (-)

Ion 121.00 (120.70 to 121.70): VU040915.D (-1285) (-)





#31

Isopropyl Ether

Concen: 1.951 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

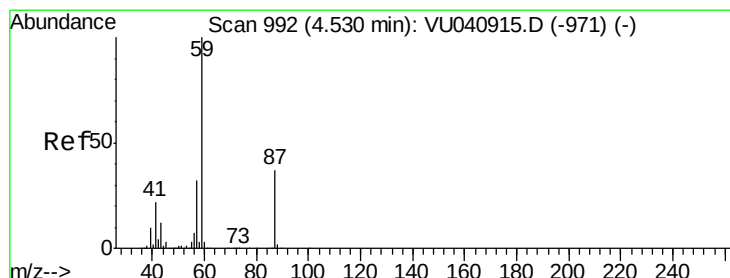
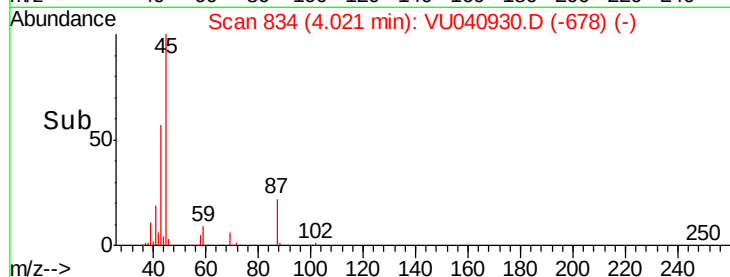
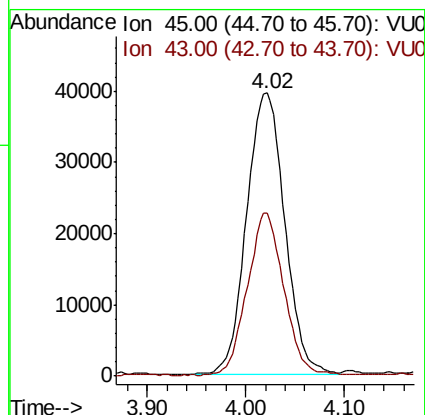
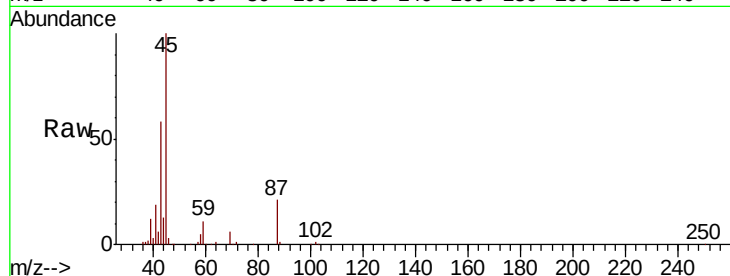
VU1023WBS01

Tot Ion: 45 Resp: 105262

Ion Ratio Lower Upper

45 100

43 56.4 26.8 80.3



#32

Ethyl-t-butyl ether

Concen: 1.959 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU040930.D

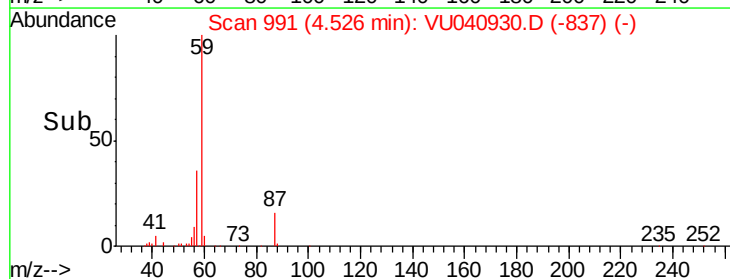
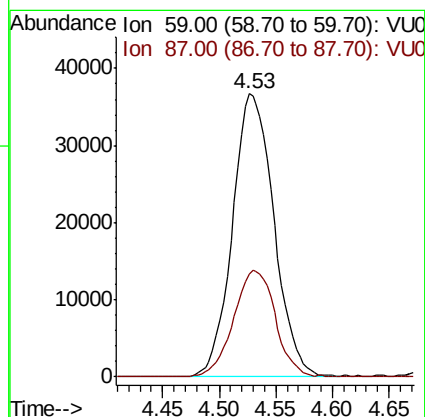
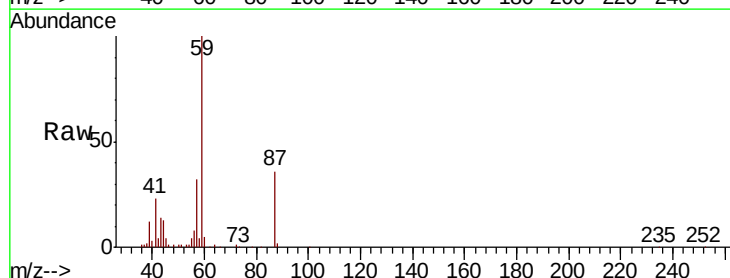
Acq: 23 Oct 2020 12:04

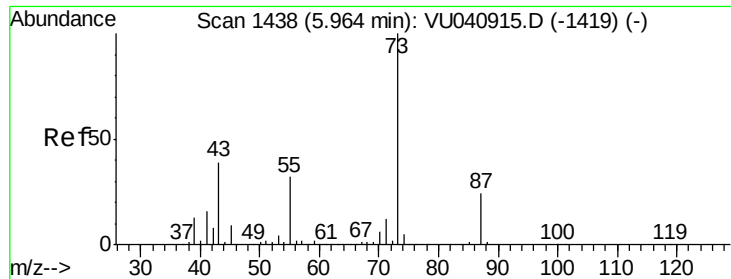
Tgt Ion: 59 Resp: 93066

Ion Ratio Lower Upper

59 100

87 38.1 30.6 46.0

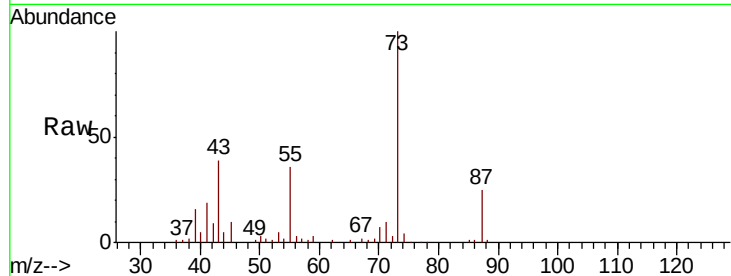




#33
Tert-Butyl methyl ether
Concen: 1.750 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.0	28.4
71	11.6	9.7	14.5

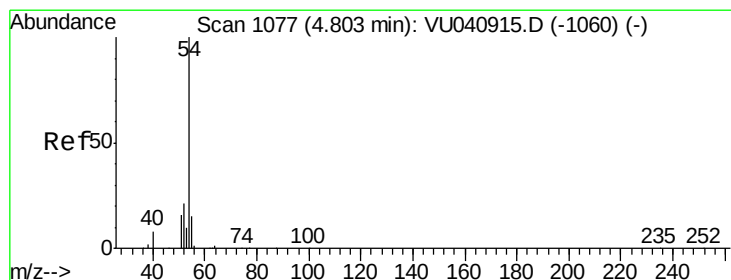
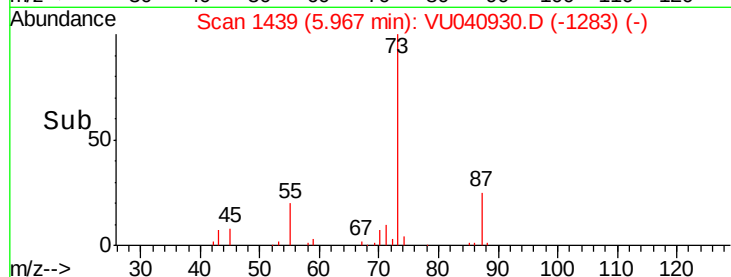
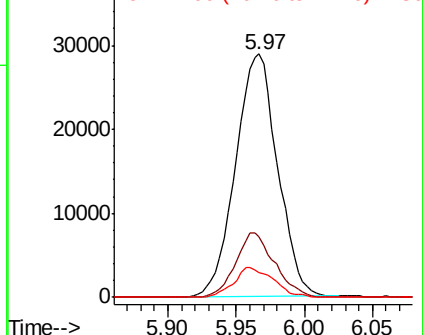


Abundance

Ion 73.00 (72.70 to 73.70): VU040930.D (-1283) (-)

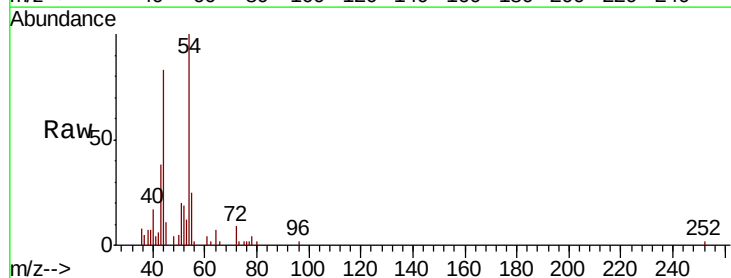
Ion 87.00 (86.70 to 87.70): VU040930.D (-1283) (-)

Ion 71.00 (70.70 to 71.70): VU040930.D (-1283) (-)



#34
Propionitrile
Concen: 11.063 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
54	100		
52	8.5	15.5	23.3#
55	0.0	12.5	18.7#
40	1.9	6.0	9.0#



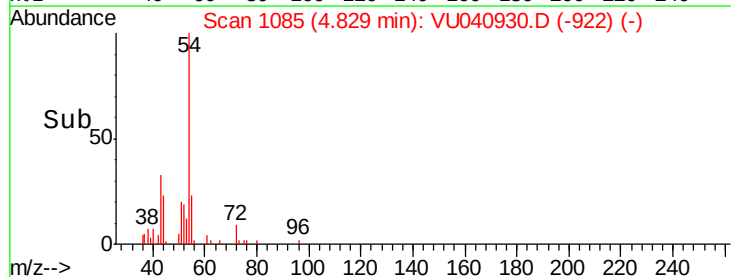
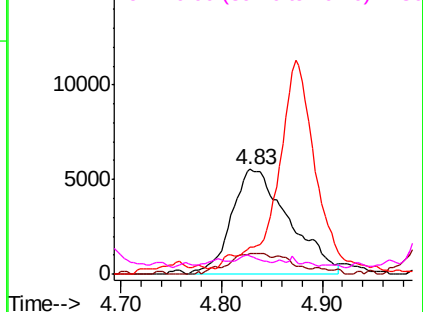
Abundance

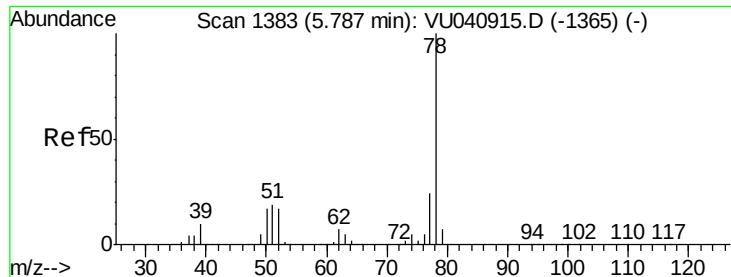
Ion 54.00 (53.70 to 54.70): VU040930.D (-922) (-)

Ion 52.00 (51.70 to 52.70): VU040930.D (-922) (-)

Ion 55.00 (54.70 to 55.70): VU040930.D (-922) (-)

Ion 40.00 (39.70 to 40.70): VU040930.D (-922) (-)





#35

Benzene

Concen: 1.954 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

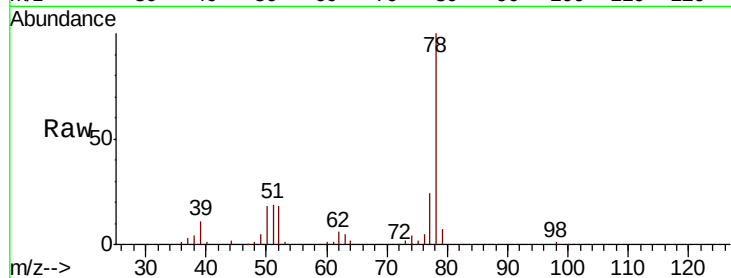
VU1023WBS01

Tot Ion: 78 Resp: 136418

Ion Ratio Lower Upper

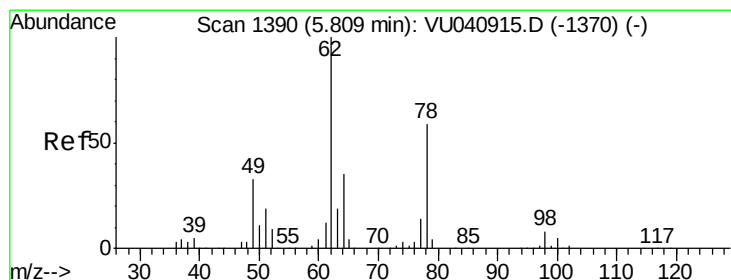
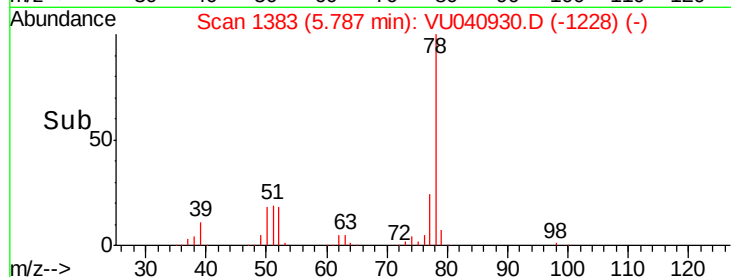
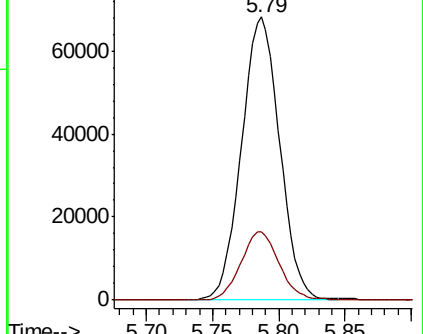
78 100

77 24.1 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU040930.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040930.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 2.049 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040930.D

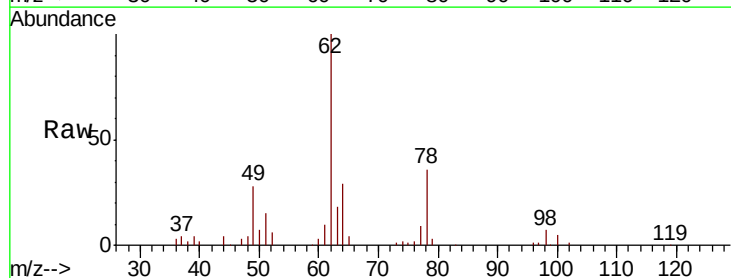
Acq: 23 Oct 2020 12:04

Tgt Ion: 62 Resp: 53030

Ion Ratio Lower Upper

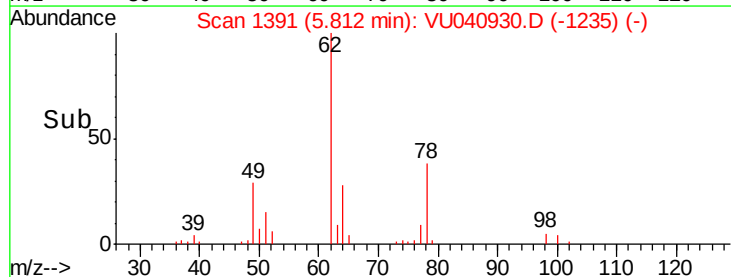
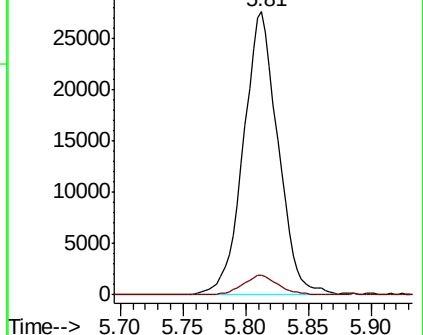
62 100

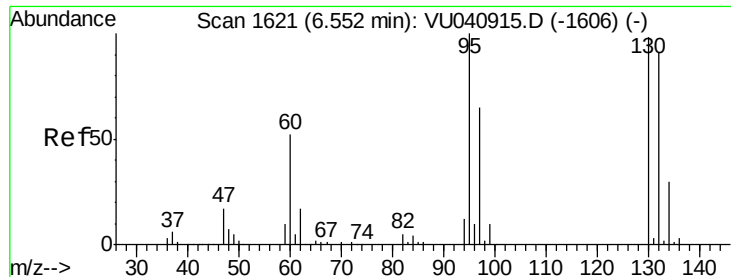
98 7.1 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040930.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU040930.D (-1235) (-)

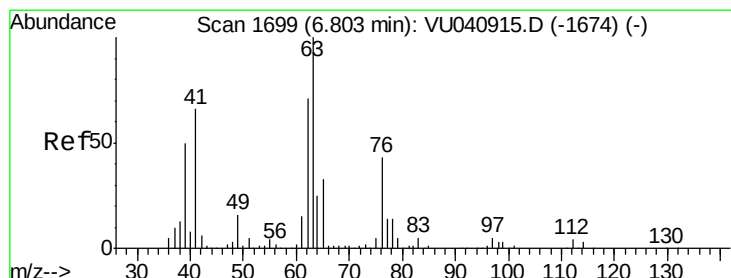
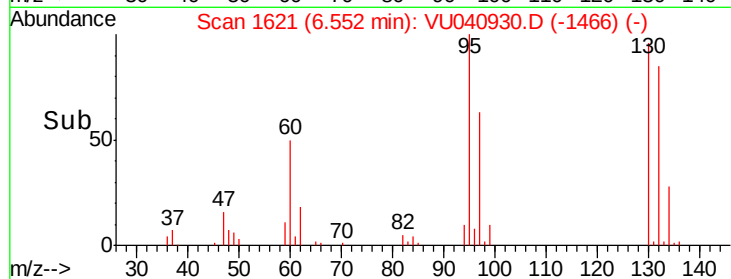
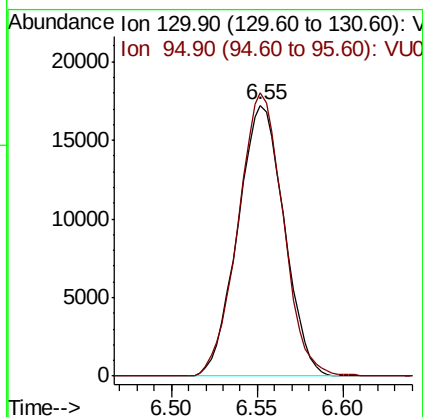
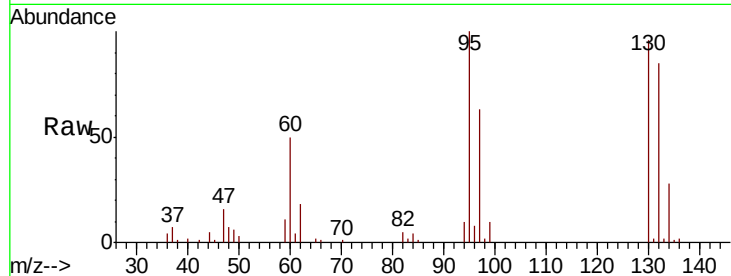




#37
 Trichloroethene
 Concen: 1.951 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

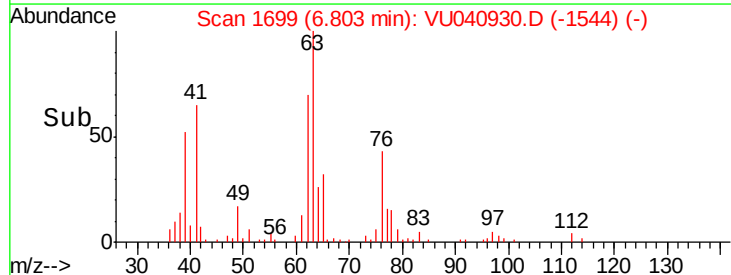
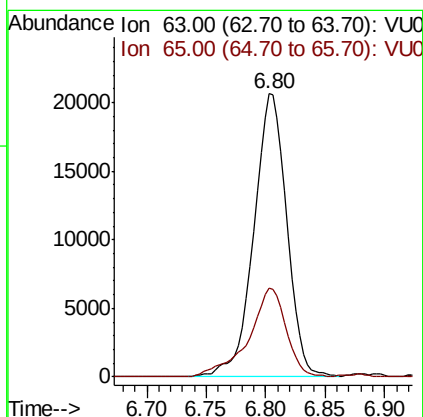
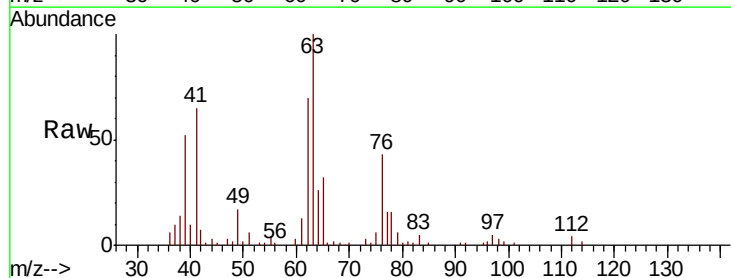
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

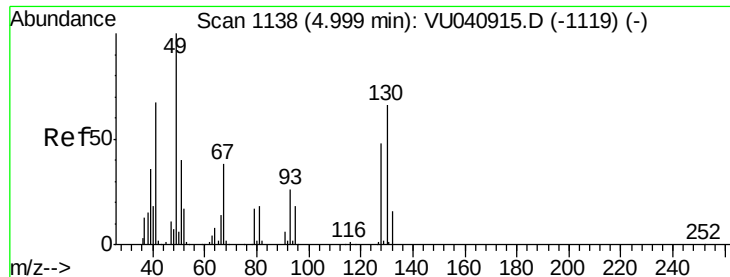
Tot Ion:130 Resp: 32195
 Ion Ratio Lower Upper
 130 100
 95 104.5 81.9 122.9



#38
 1,2-Dichloropropane
 Concen: 2.003 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 63 Resp: 39684
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.2 39.2

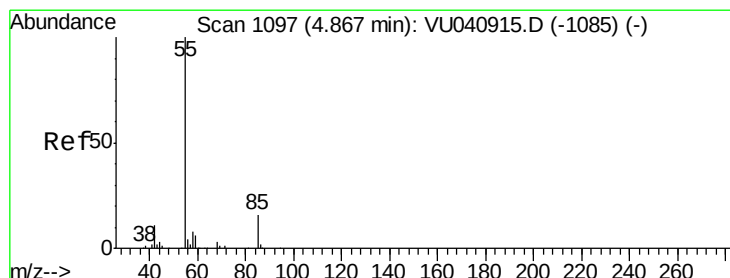
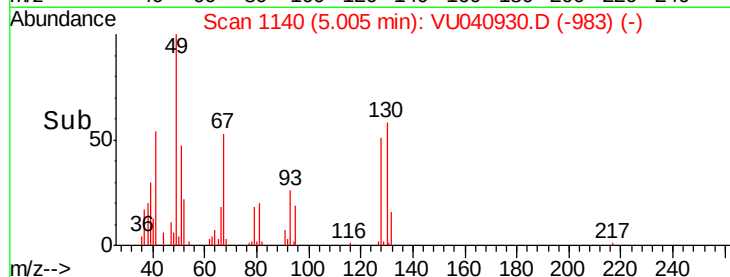
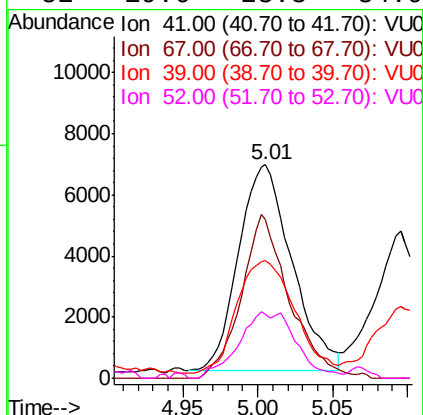
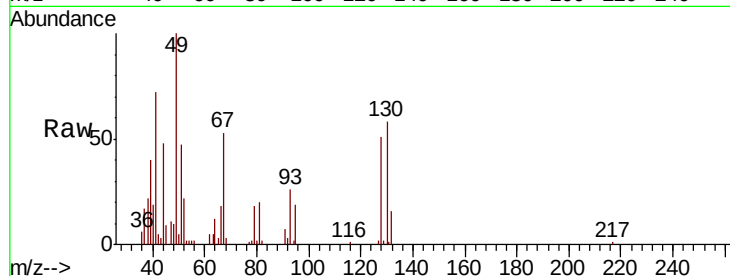




#39
Methacrylonitrile
Concen: 1.812 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

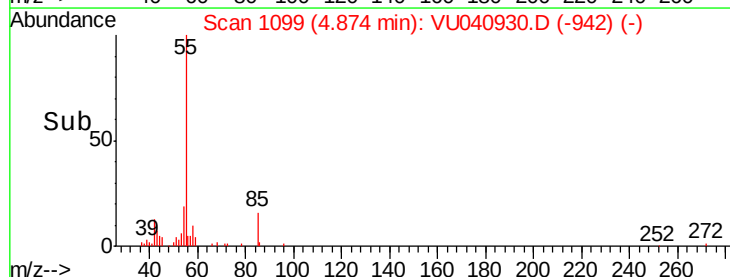
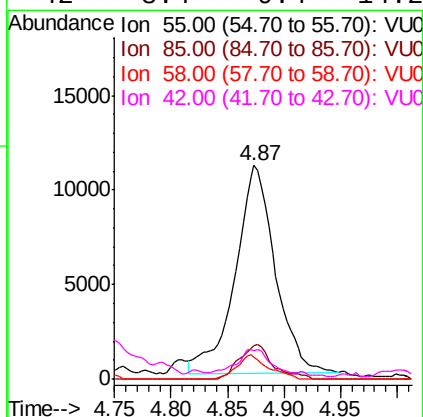
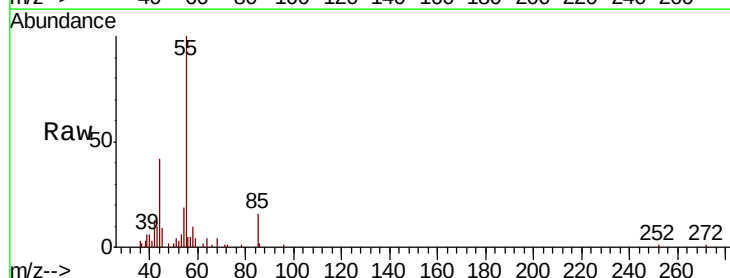
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

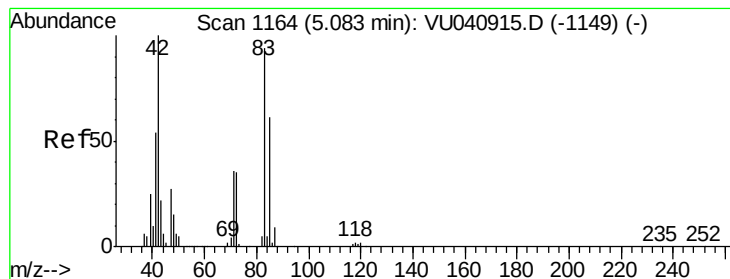
Tot Ion: 41 Resp: 16778
Ion Ratio Lower Upper
41 100
67 71.0 48.7 73.1
39 59.7 44.6 67.0
52 19.6 23.3 34.9#



#40
Methyl acrylate
Concen: 2.118 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 55 Resp: 26888
Ion Ratio Lower Upper
55 100
85 13.8 12.2 18.2
58 9.1 6.8 10.2
42 8.4 9.4 14.2#





#41

Tetrahydrofuran

Concen: 4.122 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

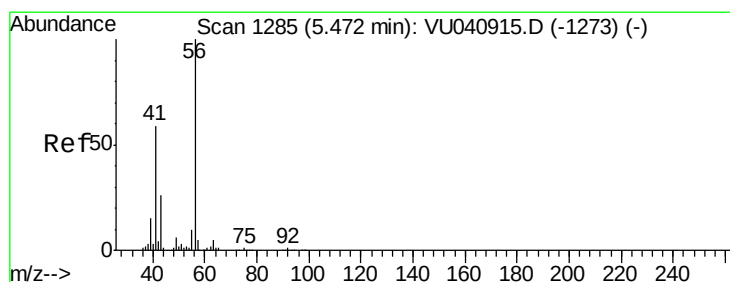
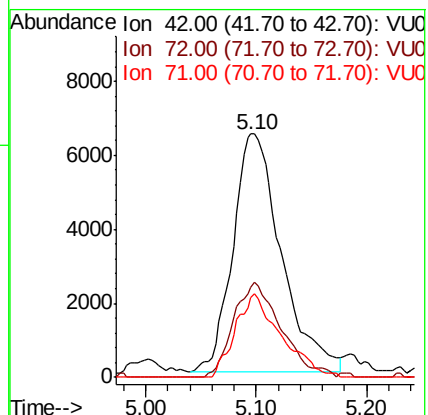
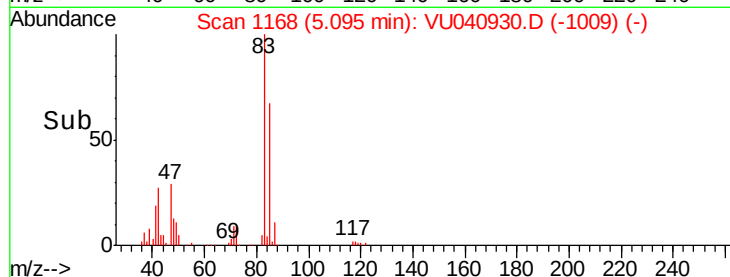
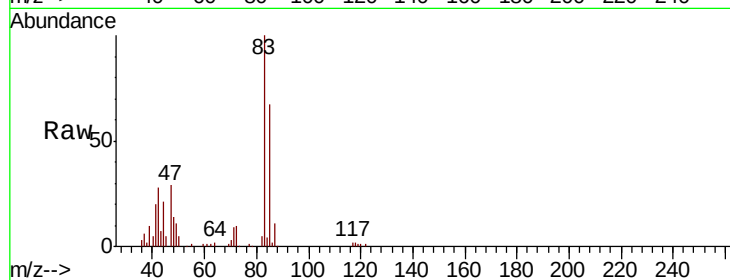
Tot Ion: 42 Resp: 19635

Ion Ratio Lower Upper

42 100

72 38.0 30.1 45.1

71 32.9 27.9 41.9



#42

1-Chlorobutane

Concen: 1.977 ug/l

RT: 5.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU040930.D

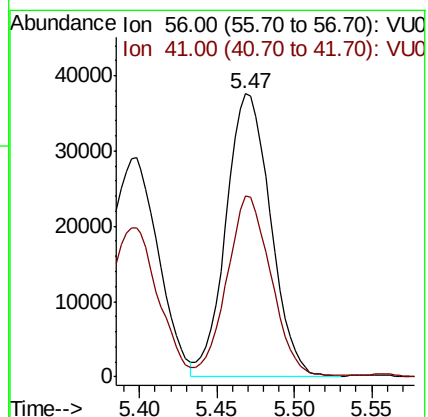
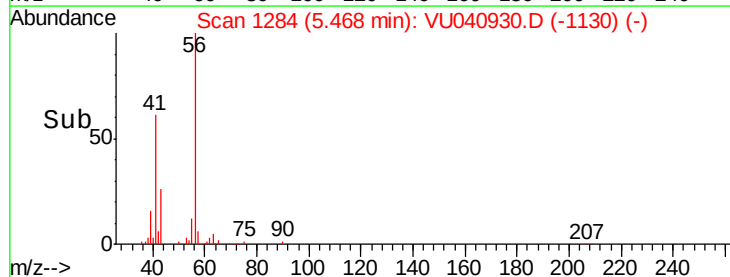
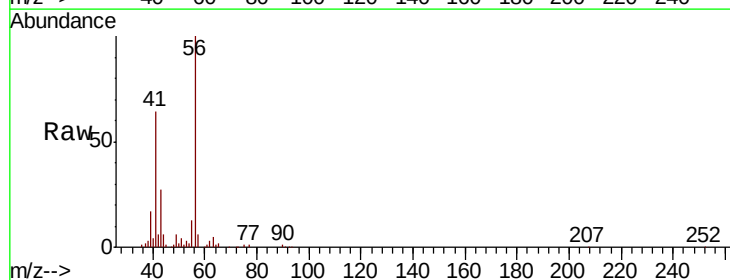
Acq: 23 Oct 2020 12:04

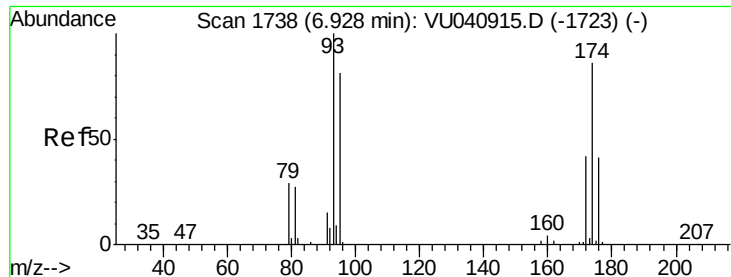
Tgt Ion: 56 Resp: 75286

Ion Ratio Lower Upper

56 100

41 61.9 29.6 88.8





#43

Dibromomethane

Concen: 2.016 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

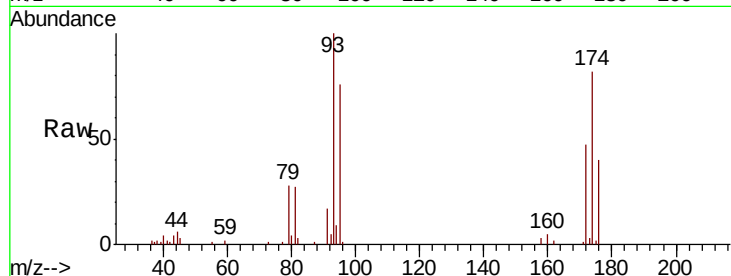
Tot Ion: 93 Resp: 22384

Ion Ratio Lower Upper

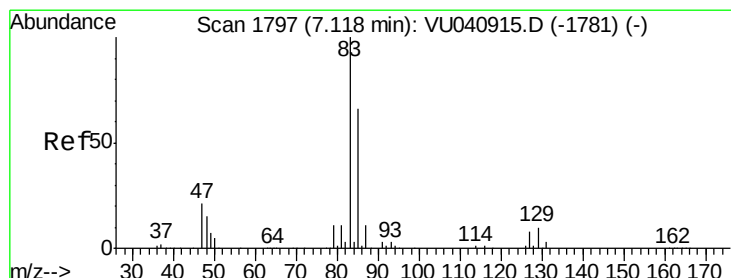
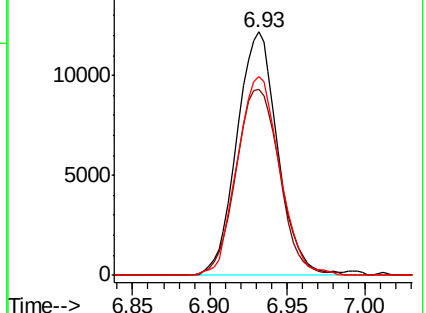
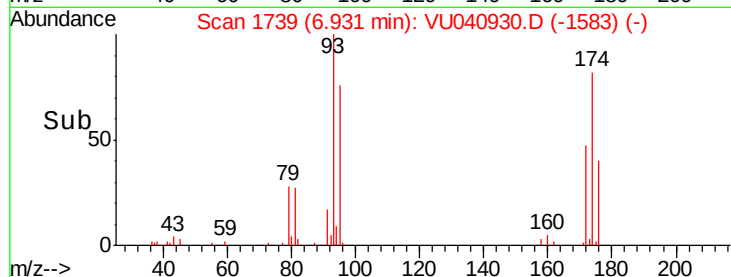
93 100

95 81.4 66.3 99.5

174 84.8 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040930.D (-1583) (-)



#44

Bromodichloromethane

Concen: 2.015 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

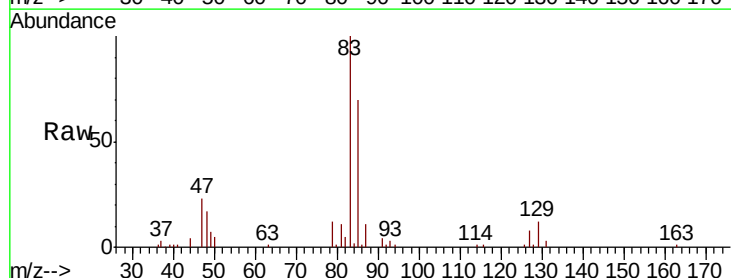
Tgt Ion: 83 Resp: 51926

Ion Ratio Lower Upper

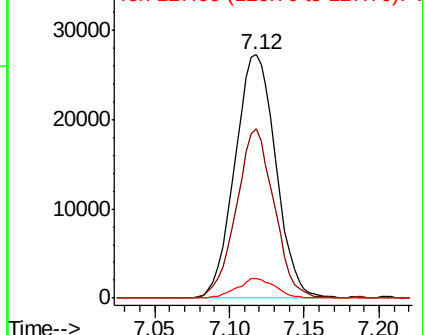
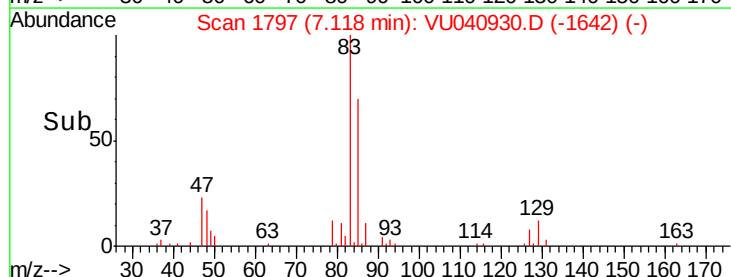
83 100

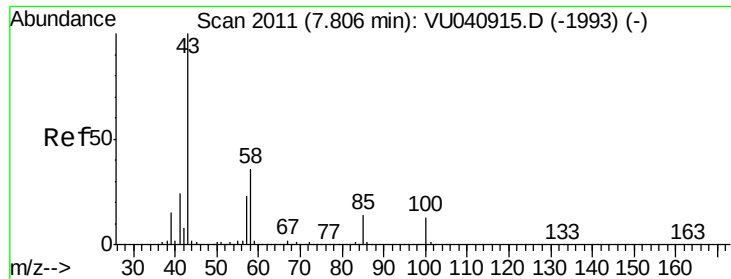
85 69.5 52.6 78.8

127 8.3 6.4 9.6



Abundance Ion 83.00 (82.70 to 83.70): VU040930.D (-1642) (-)

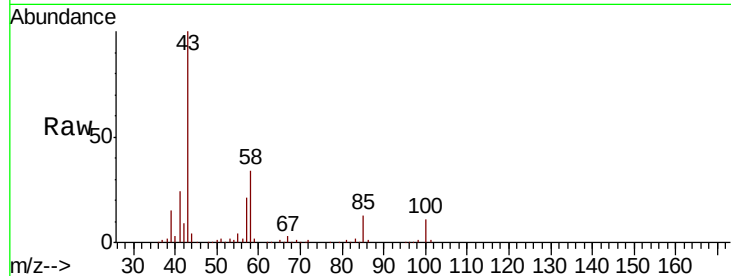




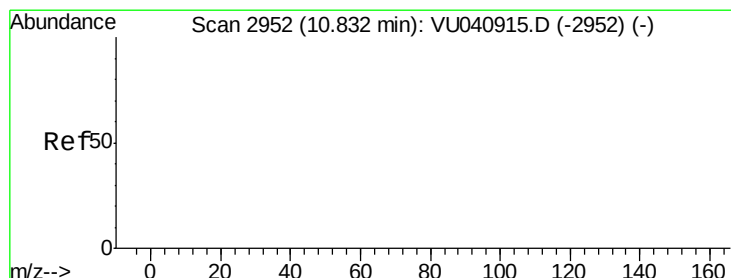
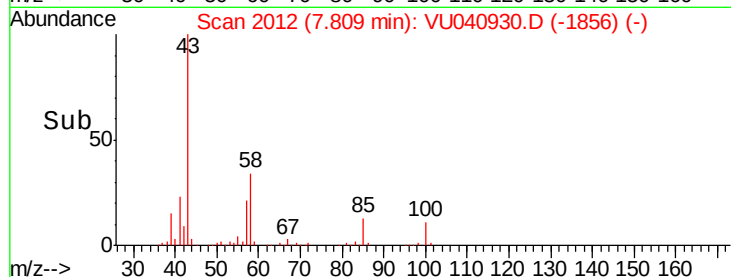
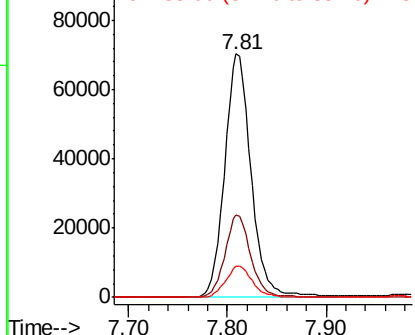
#45
 4-Methyl-2-Pentanone
 Concen: 9.063 ug/l
 RT: 7.81 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.9	17.8	53.5
85	12.9	11.4	17.2

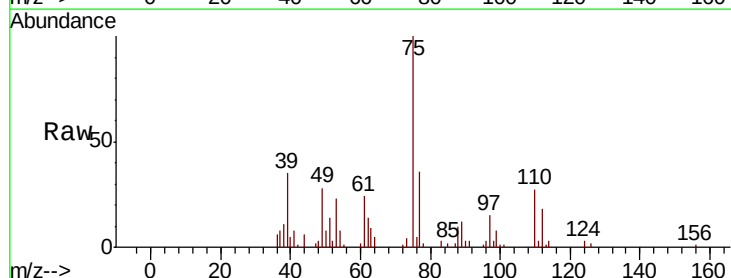


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

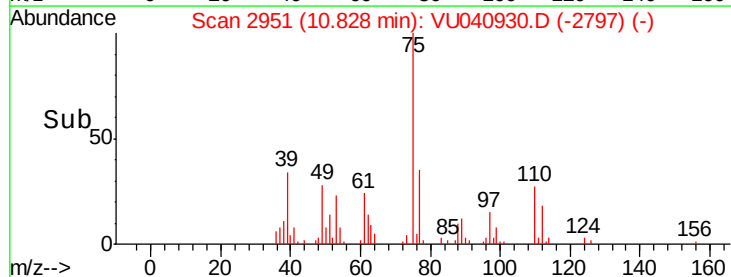
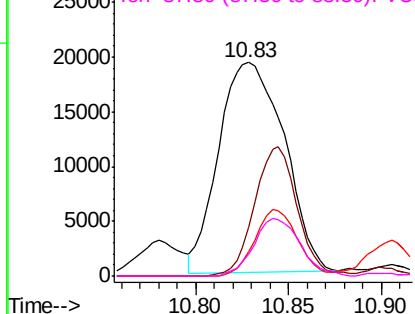


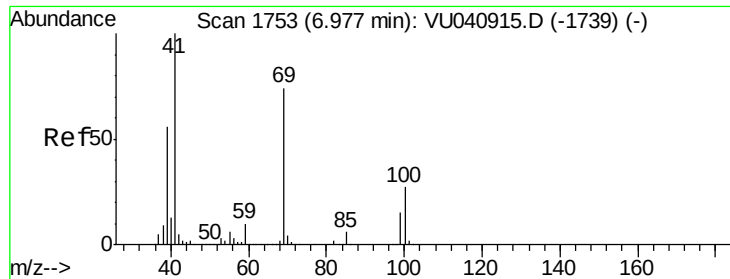
#46
 t-1,4-Dichloro-2-butene
 Concen: 8.160 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
53	40.4	73.0	109.4#
89	20.7	41.7	62.5#
88	19.4	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

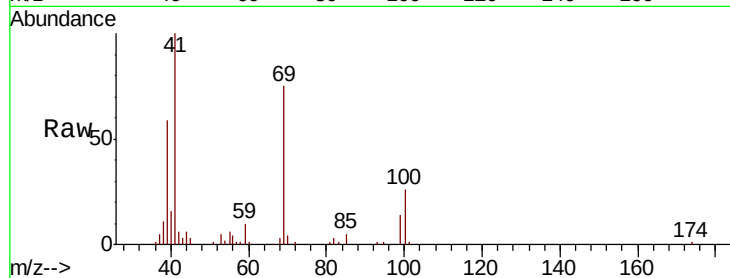




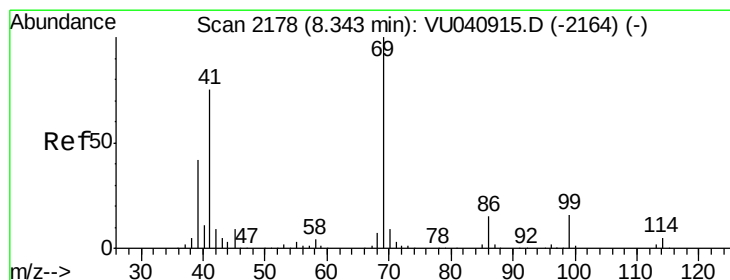
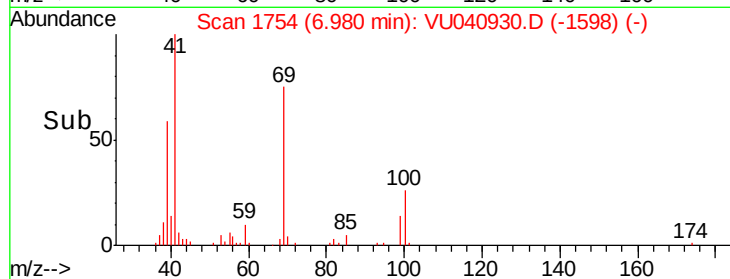
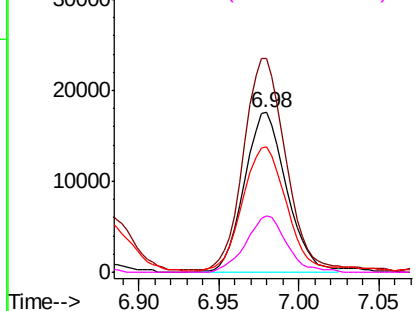
#47
Methyl methacrylate
Concen: 3.423 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion: 69 Resp: 31729
Ion Ratio Lower Upper
69 100
41 131.2 0.0 270.2
39 82.4 61.6 92.4
100 33.9 29.0 43.6

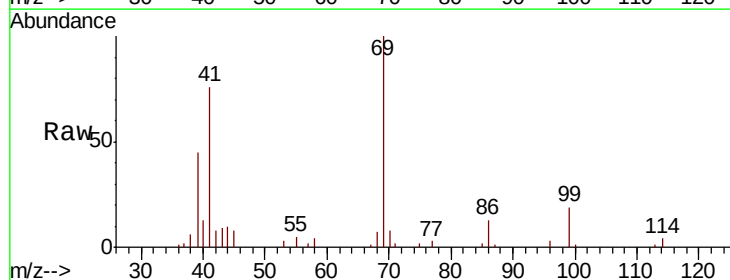


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

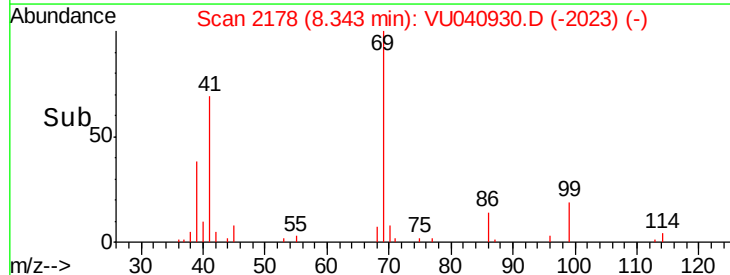
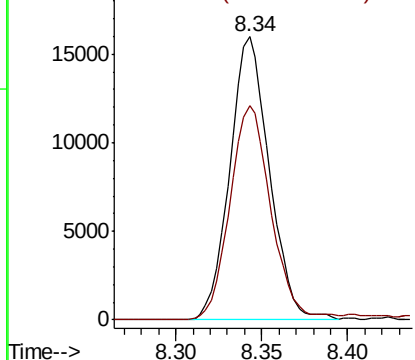


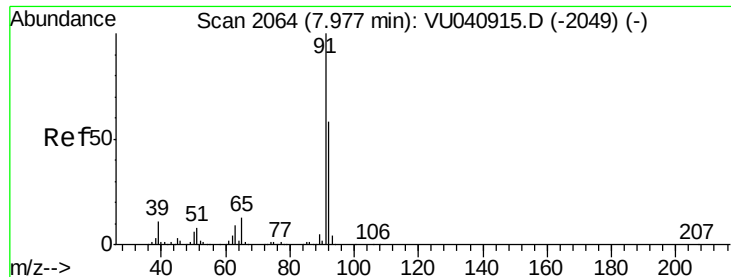
#48
Ethyl methacrylate
Concen: 1.645 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 69 Resp: 25647
Ion Ratio Lower Upper
69 100
41 77.8 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: 1.807 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

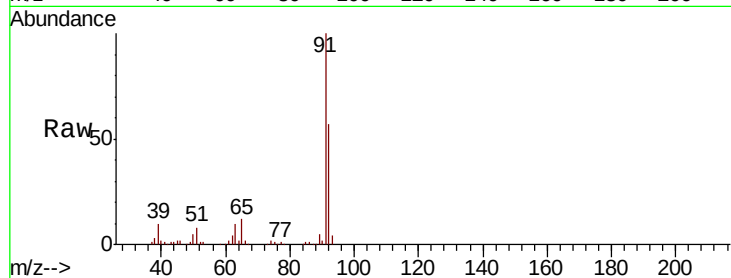
VU1023WBS01

Tot Ion: 92 Resp: 69393

Ion Ratio Lower Upper

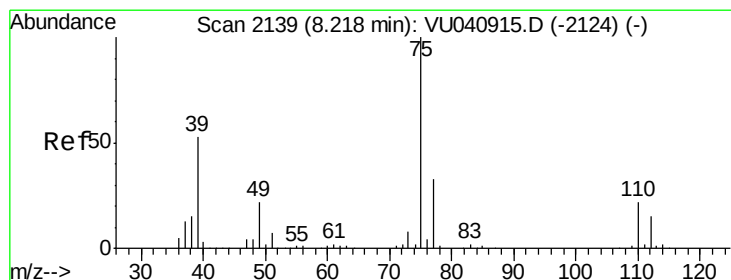
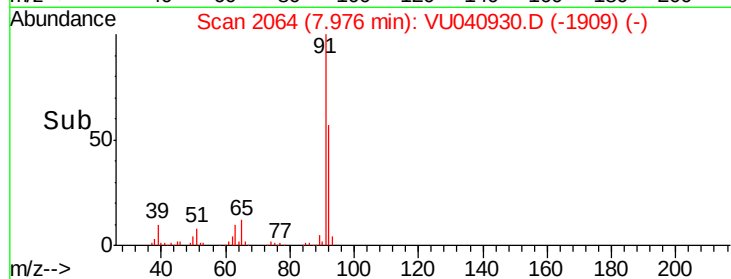
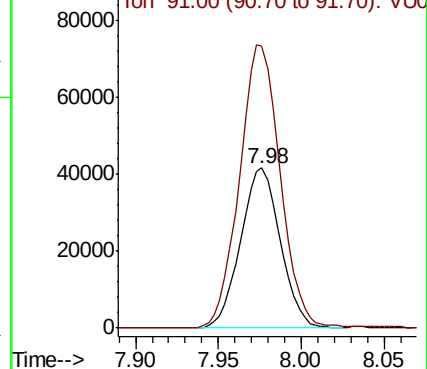
92 100

91 181.6 136.8 205.2



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.869 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040930.D

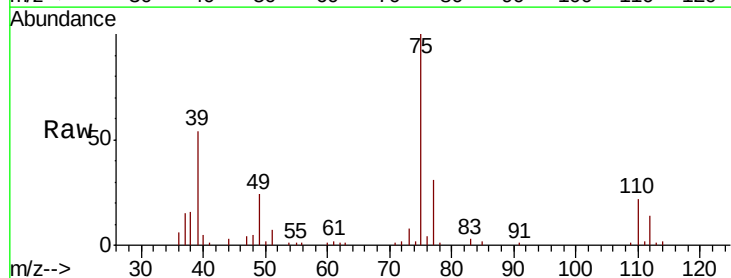
Acq: 23 Oct 2020 12:04

Tgt Ion: 75 Resp: 41627

Ion Ratio Lower Upper

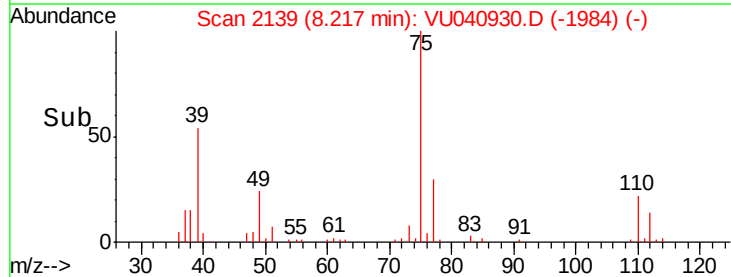
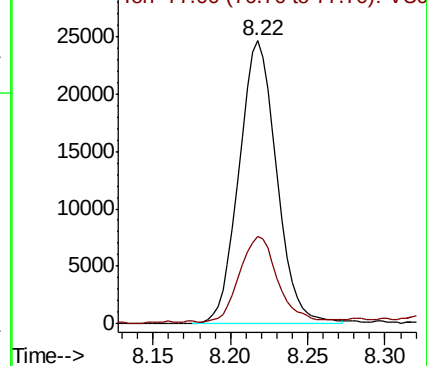
75 100

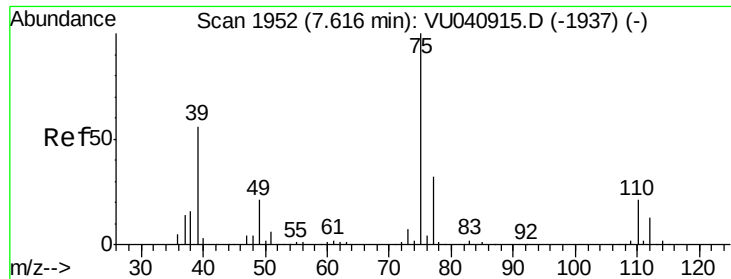
77 29.8 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

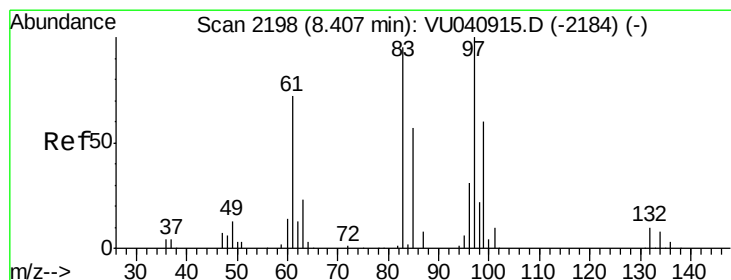
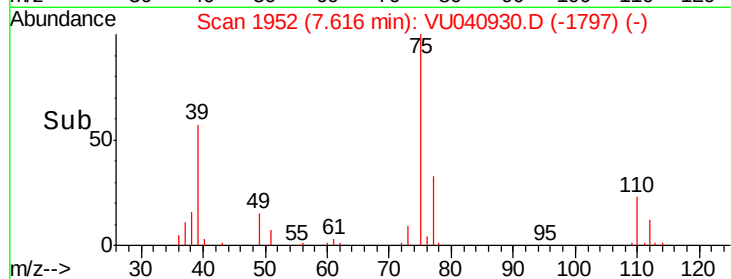
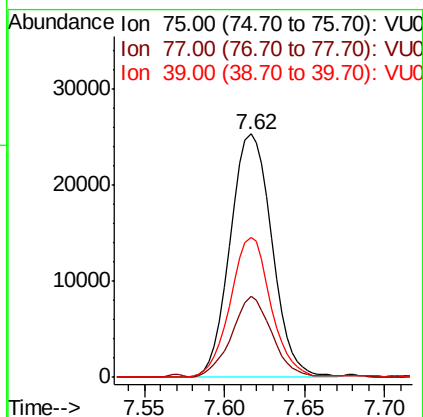
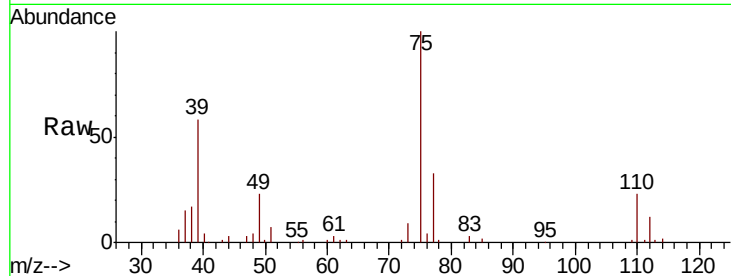




#51
 cis-1,3-Dichloropropene
 Concen: 1.850 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

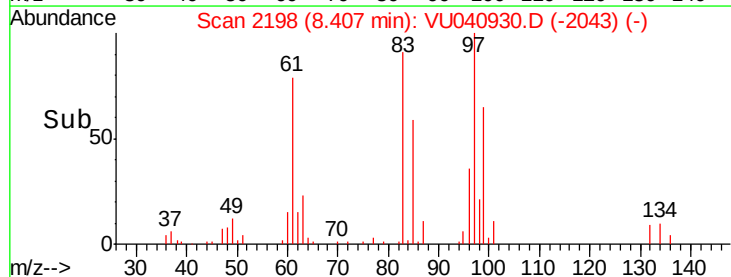
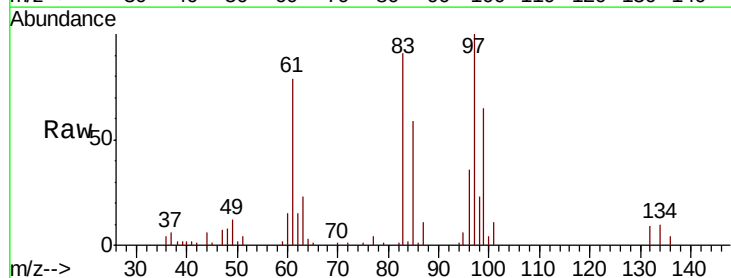
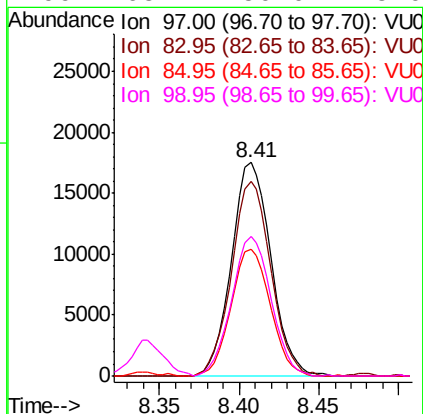
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

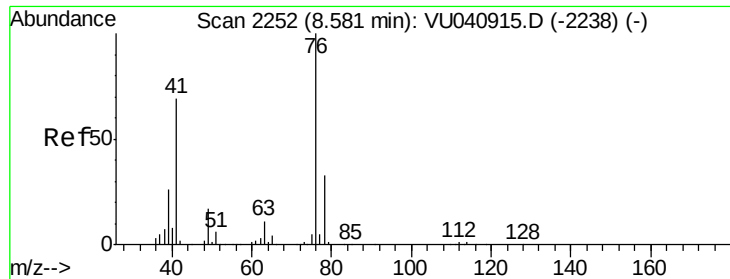
Tot Ion: 75 Resp: 45161
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 57.7 44.7 67.1



#52
 1,1,2-Trichloroethane
 Concen: 2.100 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 97 Resp: 29471
 Ion Ratio Lower Upper
 97 100
 83 91.3 75.9 113.9
 85 59.3 46.1 69.1
 99 65.1 50.0 75.0





#53

1,3-Dichloropropane

Concen: 1.894 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

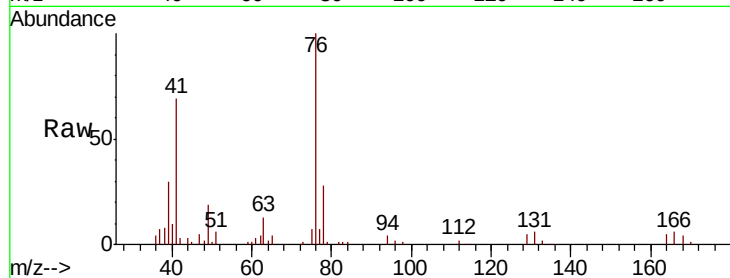
VU1023WBS01

Tot Ion: 76 Resp: 47723

Ion Ratio Lower Upper

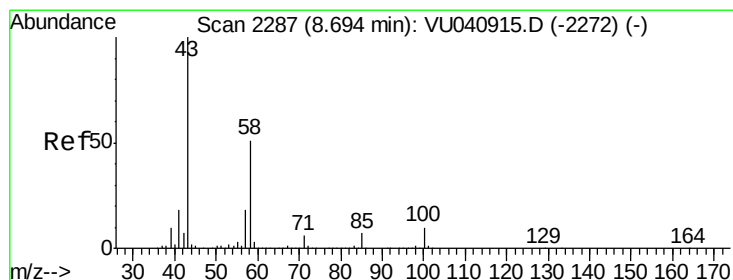
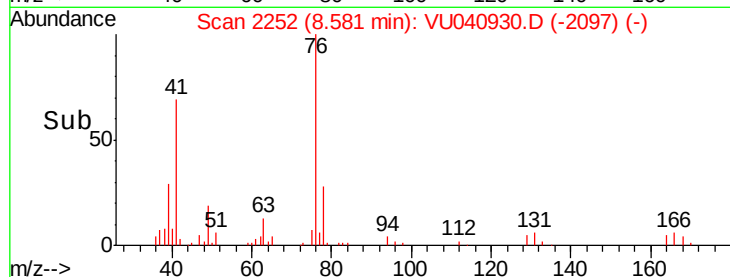
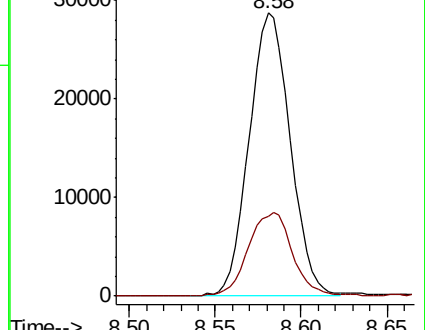
76 100

78 31.9 26.6 39.8



Abundance Ion 76.00 (75.70 to 76.70): VU040915.D (-2238) (-)

Ion 78.00 (77.70 to 78.70): VU040915.D (-2238) (-)



#54

2-Hexanone

Concen: 9.184 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

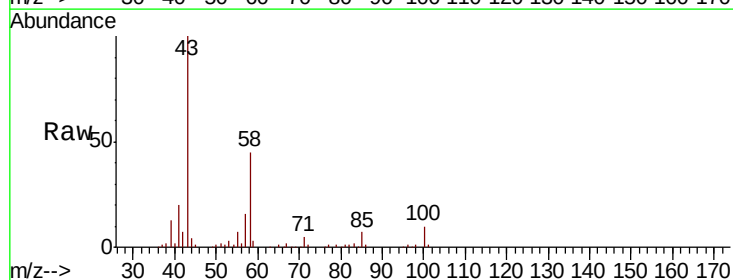
Tgt Ion: 43 Resp: 93508

Ion Ratio Lower Upper

43 100

58 45.5 30.2 70.2

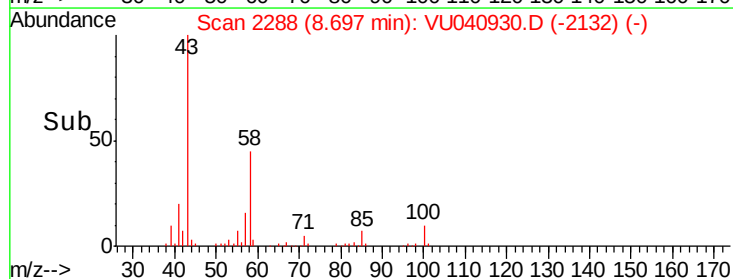
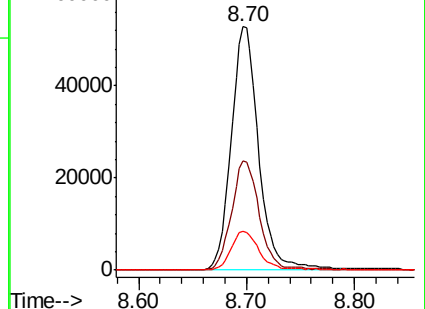
57 16.3 0.0 37.4

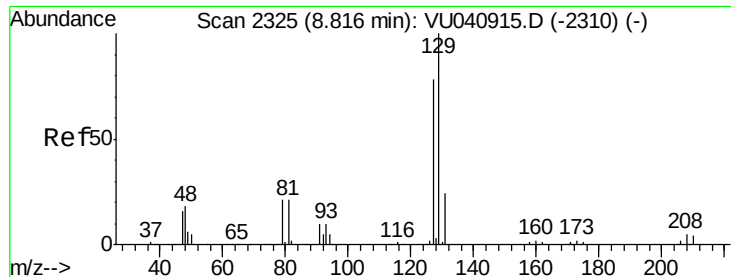


Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-2272) (-)

Ion 58.00 (57.70 to 58.70): VU040915.D (-2272) (-)

Ion 57.00 (56.70 to 57.70): VU040915.D (-2272) (-)





#55

Dibromochloromethane

Concen: 1.997 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

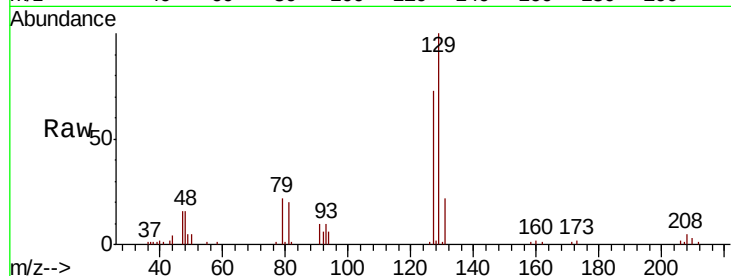
VU1023WBS01

Tot Ion:129 Resp: 33615

Ion Ratio Lower Upper

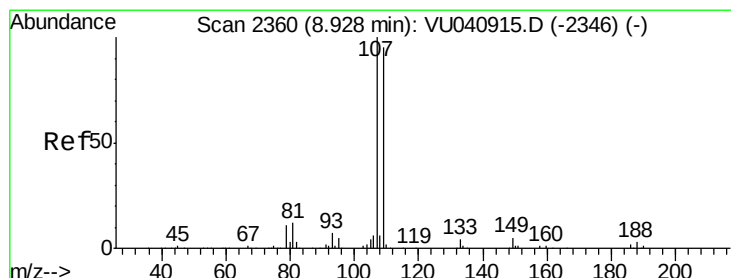
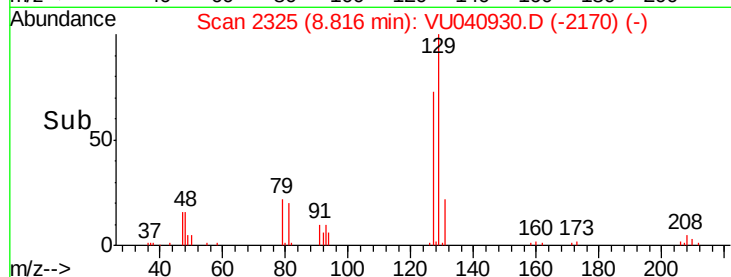
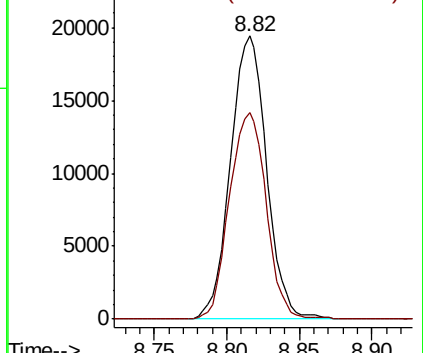
129 100

127 73.9 63.1 94.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.962 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040930.D

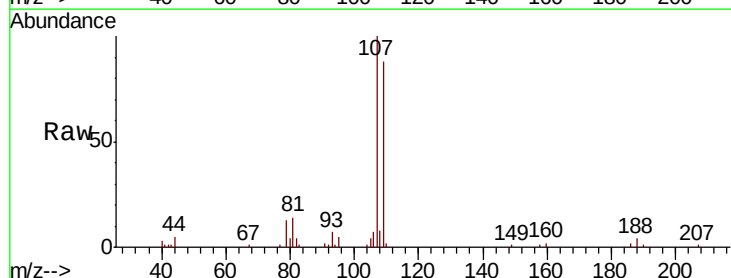
Acq: 23 Oct 2020 12:04

Tgt Ion:107 Resp: 25533

Ion Ratio Lower Upper

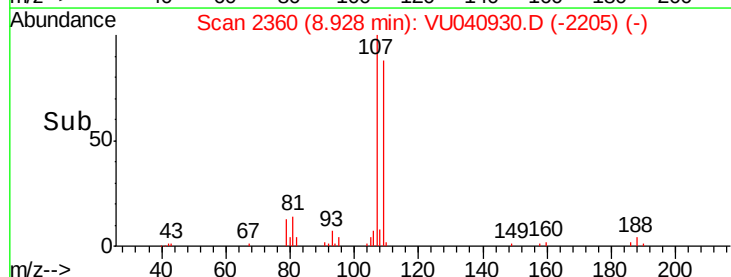
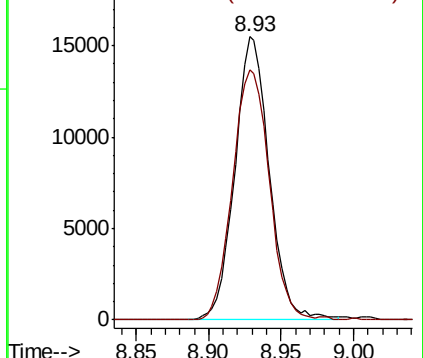
107 100

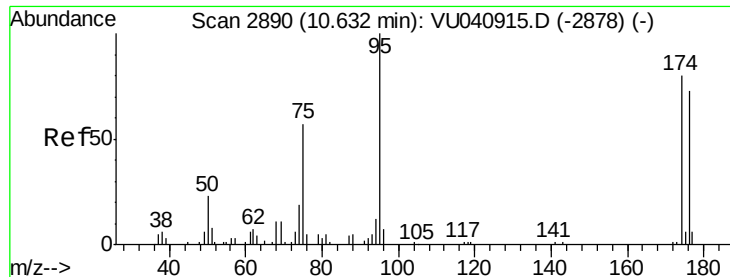
109 94.2 0.0 190.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

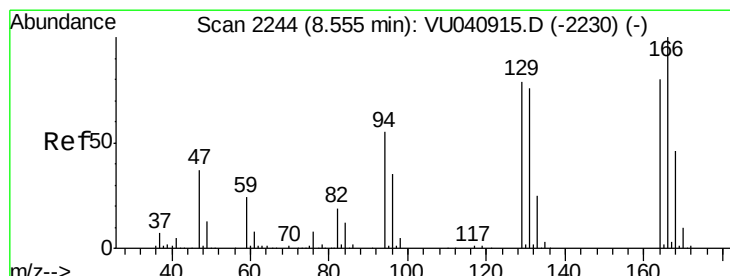
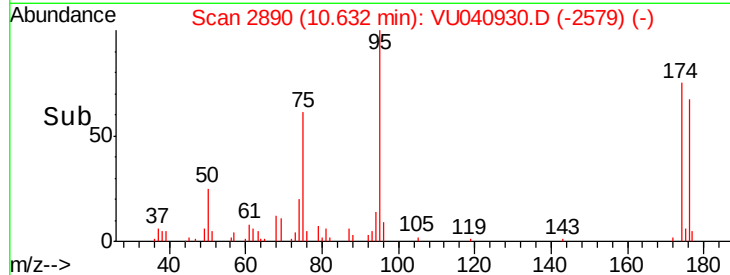
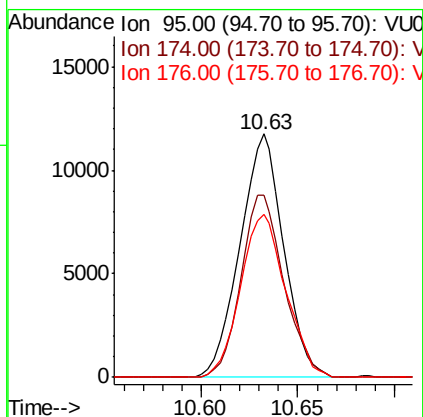
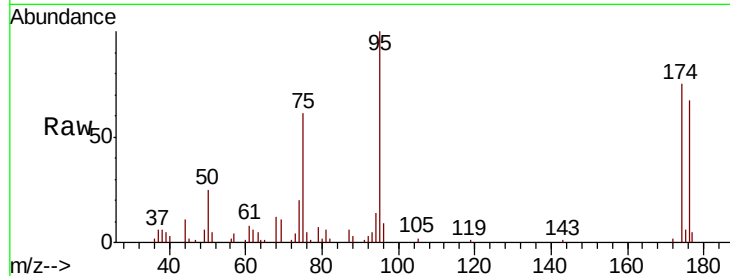




#57
 4-Bromofluorobenzene
 Concen: 0.926 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

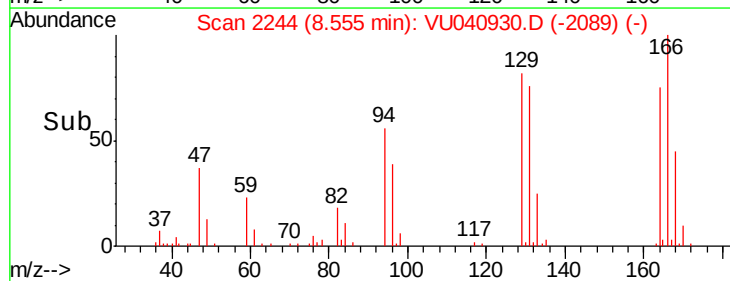
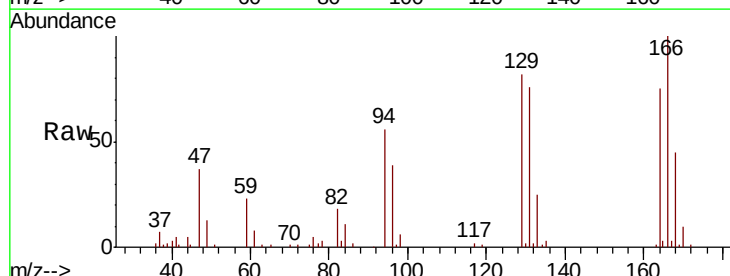
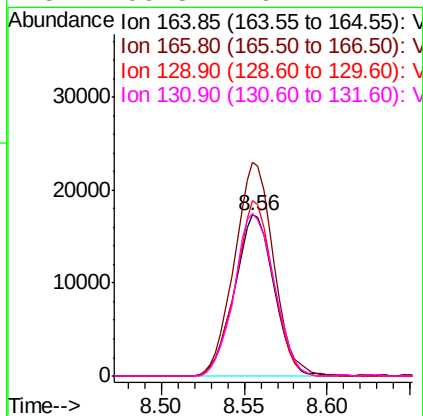
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

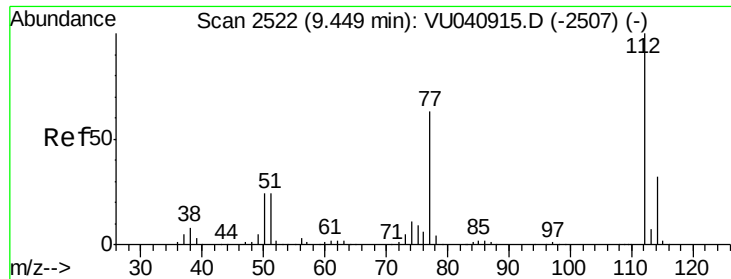
Tot Ion: 95 Resp: 18413
 Ion Ratio Lower Upper
 95 100
 174 73.9 60.3 90.5
 176 69.3 55.6 83.4



#58
 Tetrachloroethene
 Concen: 1.861 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 164 Resp: 28709
 Ion Ratio Lower Upper
 164 100
 166 132.8 100.3 150.5
 129 109.0 79.4 119.0
 131 100.8 76.2 114.4





#59

Chlorobenzene

Concen: 1.803 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

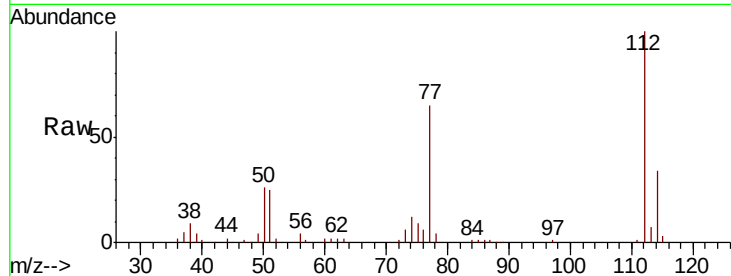
VU1023WBS01

Tot Ion:112 Resp: 73269

Ion Ratio Lower Upper

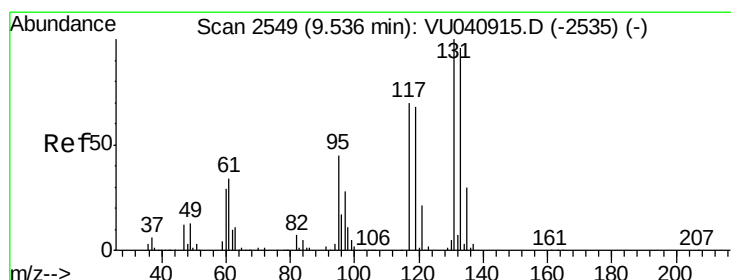
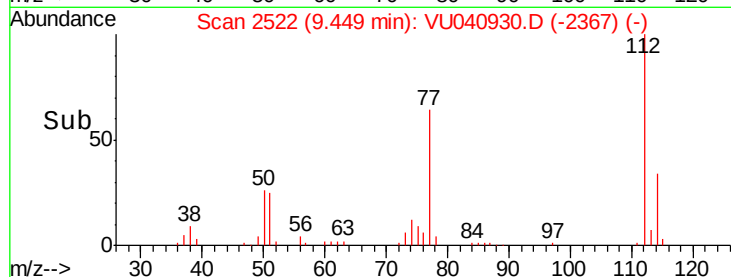
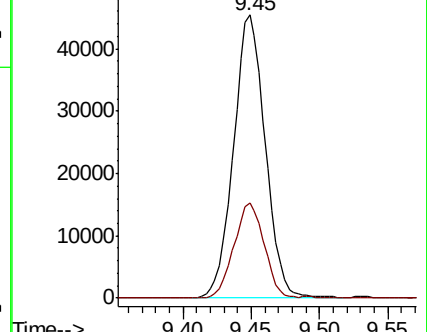
112 100

114 33.6 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.007 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

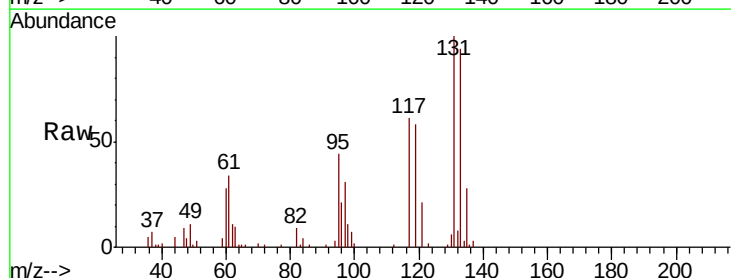
Tgt Ion:131 Resp: 32049

Ion Ratio Lower Upper

131 100

133 95.8 77.4 116.0

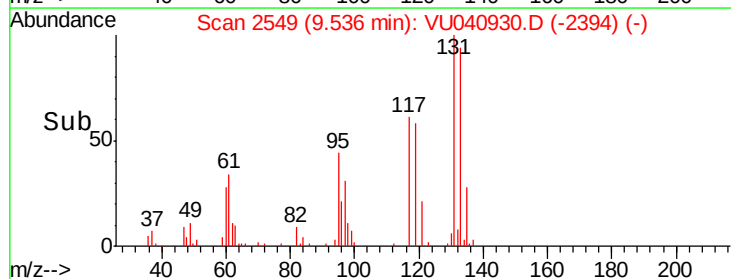
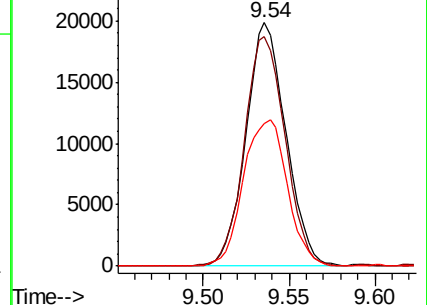
119 65.8 53.5 80.3

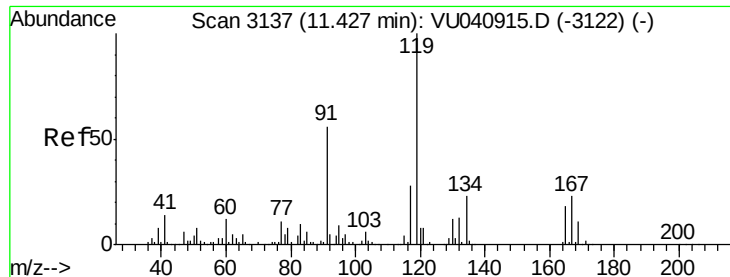


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.969 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

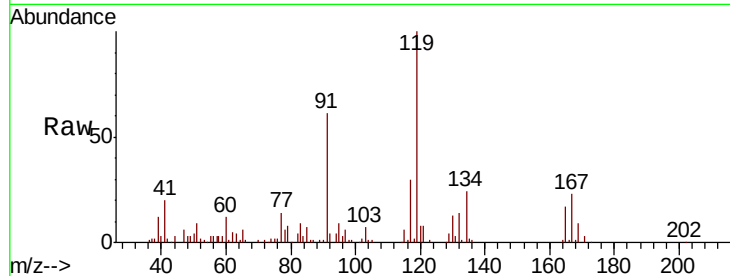
VU1023WBS01

Tot Ion:117 Resp: 25404

Ion Ratio Lower Upper

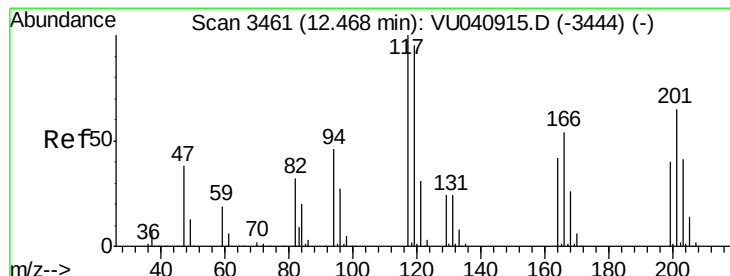
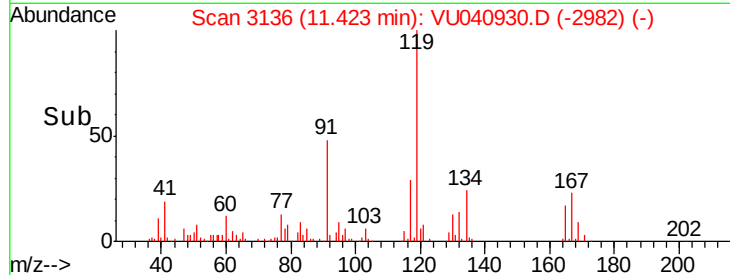
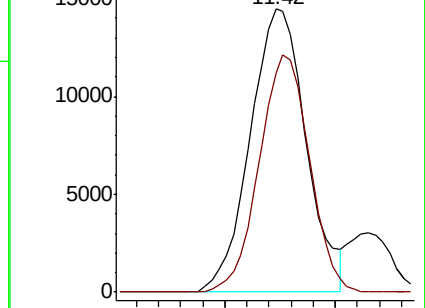
117 100

167 75.0 59.4 89.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.988 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU040930.D

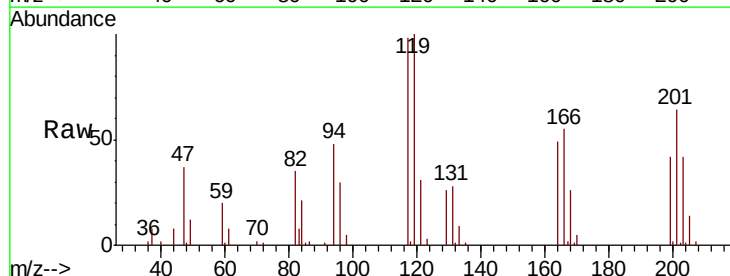
Acq: 23 Oct 2020 12:04

Tgt Ion:117 Resp: 26102

Ion Ratio Lower Upper

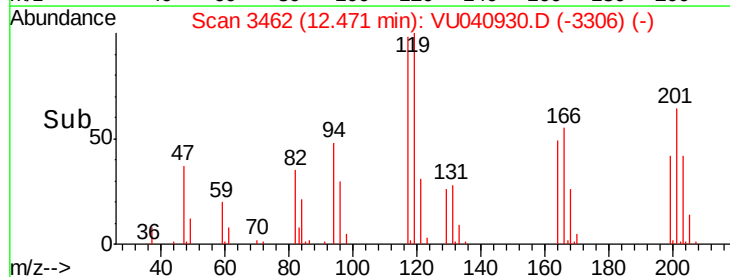
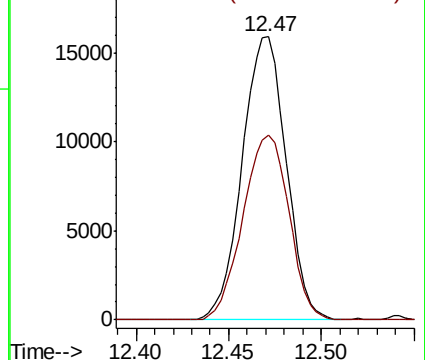
117 100

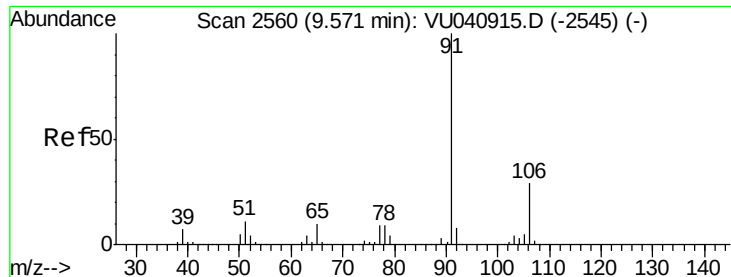
201 68.3 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

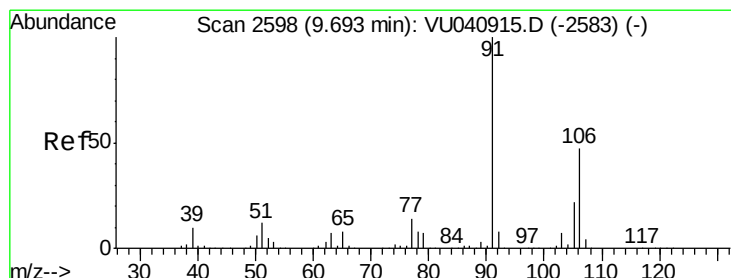
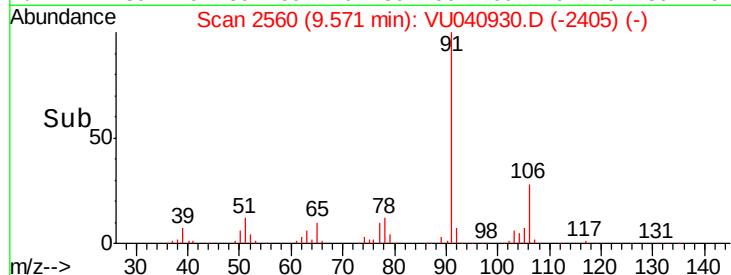
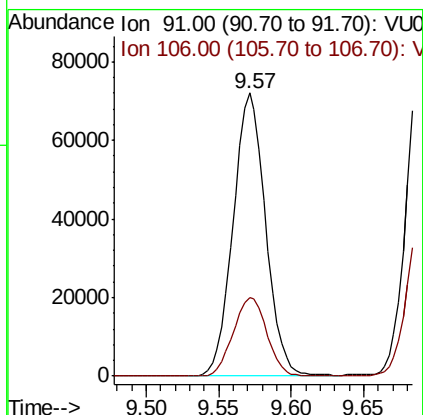
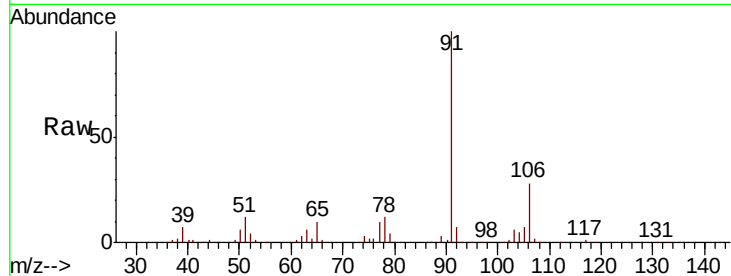




#63
Ethyl Benzene
Concen: 1.664 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

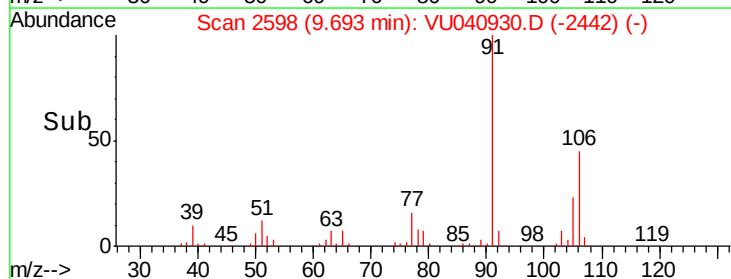
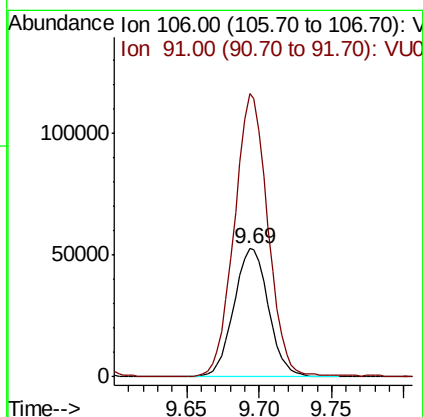
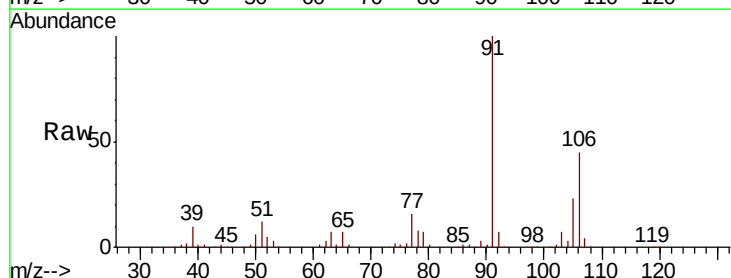
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

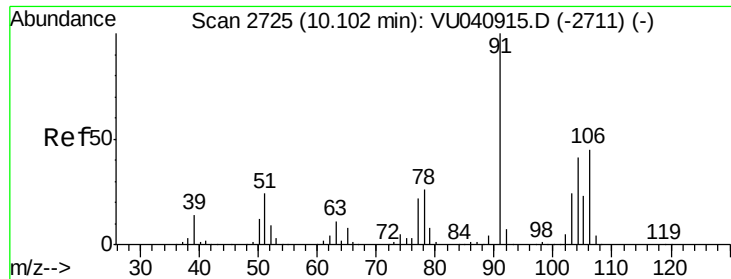
Tot Ion: 91 Resp: 112002
Ion Ratio Lower Upper
91 100
106 27.7 23.5 35.3



#64
m/p-Xylenes
Concen: 3.311 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 106 Resp: 87685
Ion Ratio Lower Upper
106 100
91 212.7 168.3 252.5

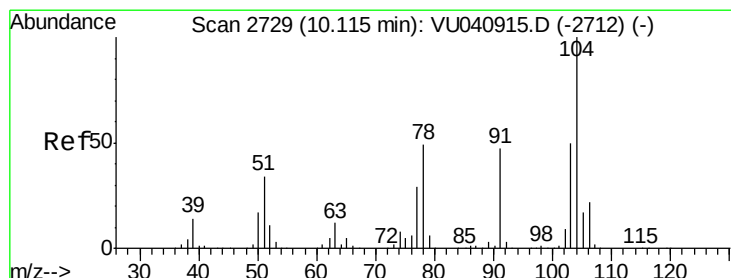
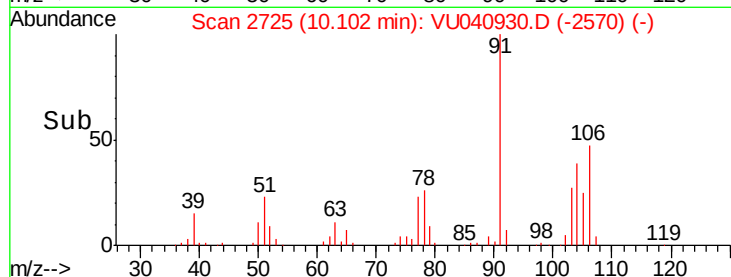
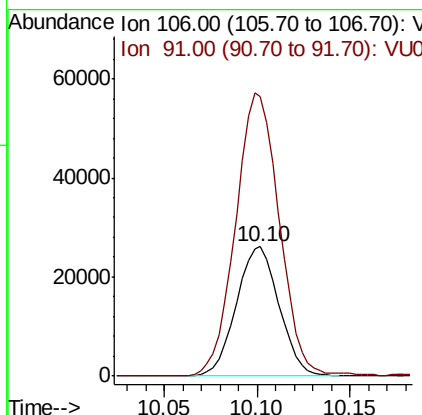
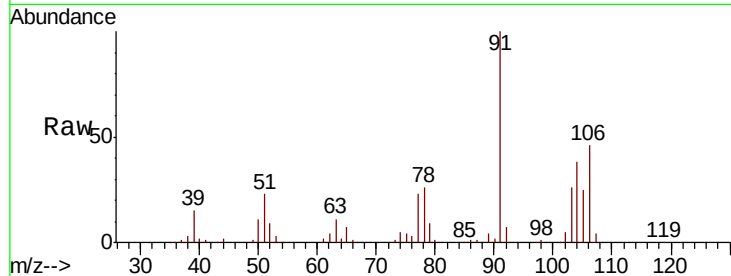




#65
o-Xylene
Concen: 1.767 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

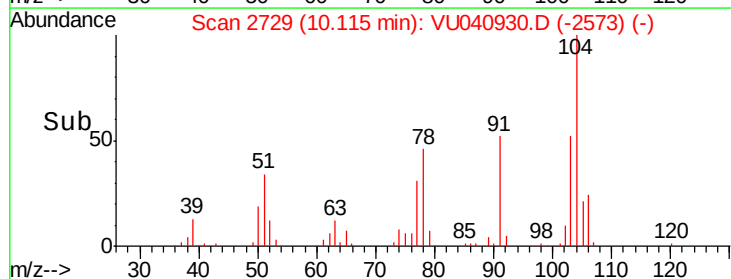
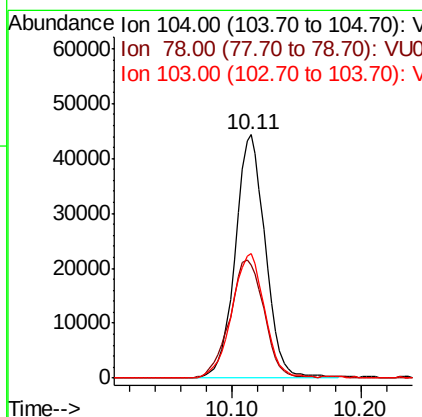
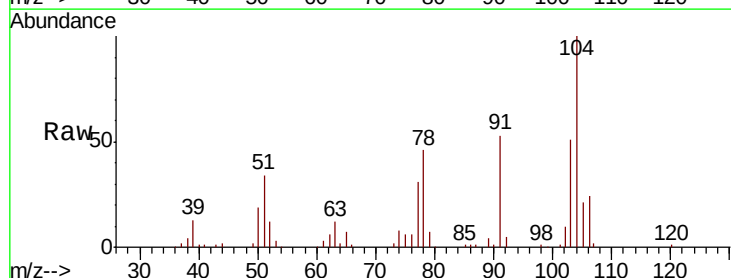
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

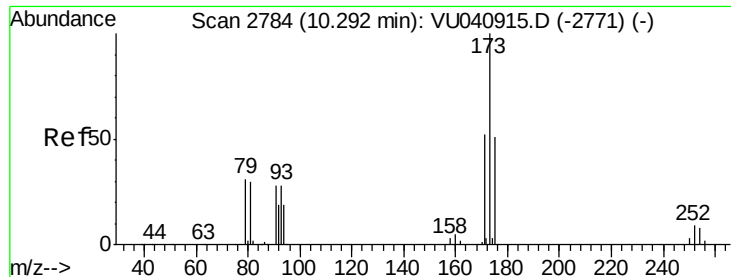
Tot Ion:106 Resp: 41782
Ion Ratio Lower Upper
106 100
91 224.8 111.3 333.9



#66
Styrene
Concen: 1.684 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:104 Resp: 71896
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.0
103 55.7 43.1 64.7

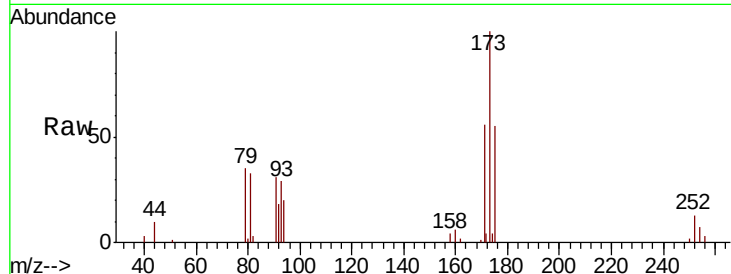




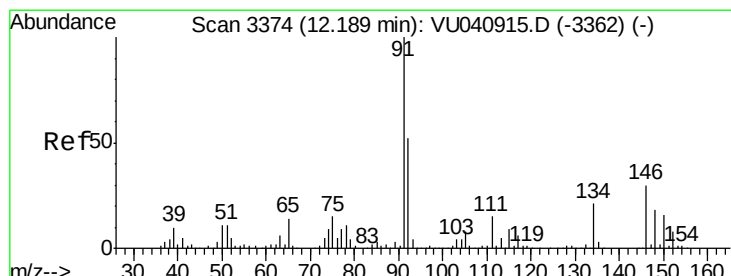
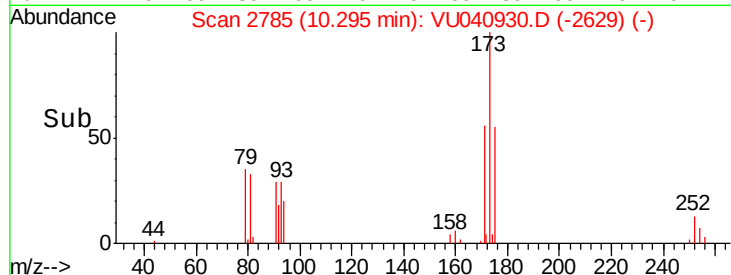
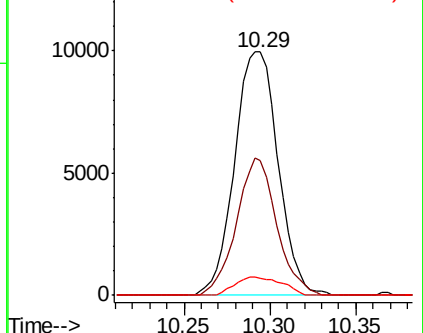
#67
Bromoform
Concen: 1.917 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion:173 Resp: 17461
Ion Ratio Lower Upper
173 100
175 52.1 39.0 58.4
254 8.1 6.6 9.8

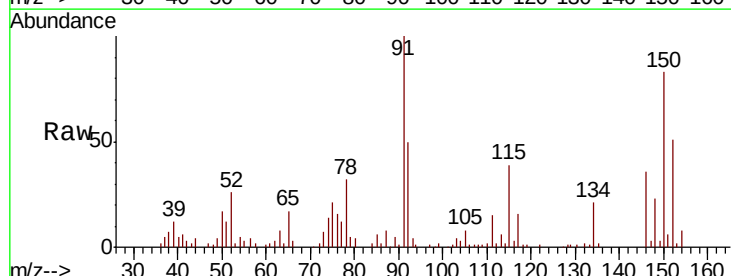


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

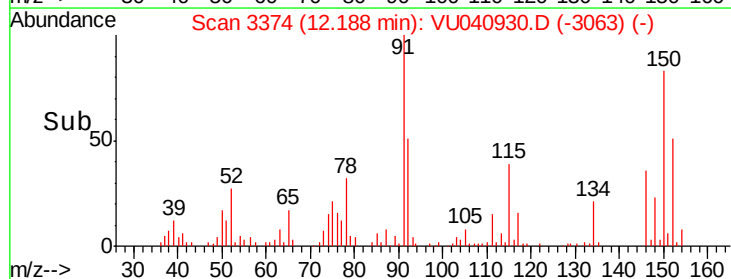
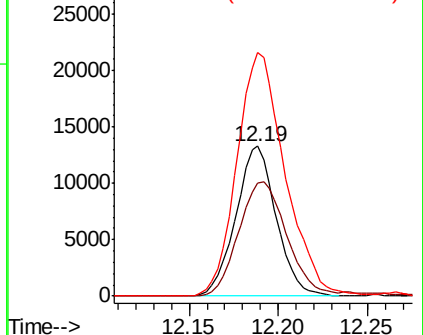


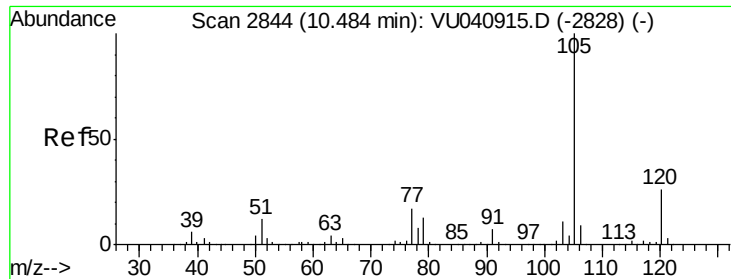
#68
1,2-Dichlorobenzene-d4
Concen: 1.013 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:152 Resp: 21009
Ion Ratio Lower Upper
152 100
115 90.6 0.0 323.4
150 193.4 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: 1.693 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

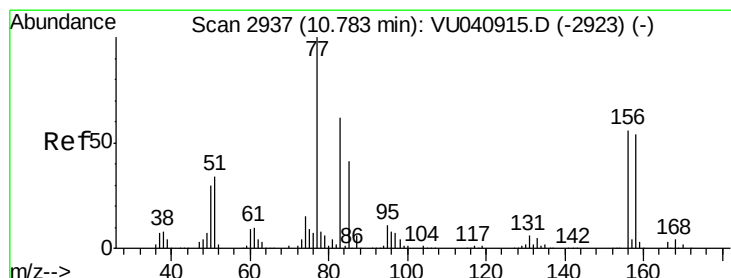
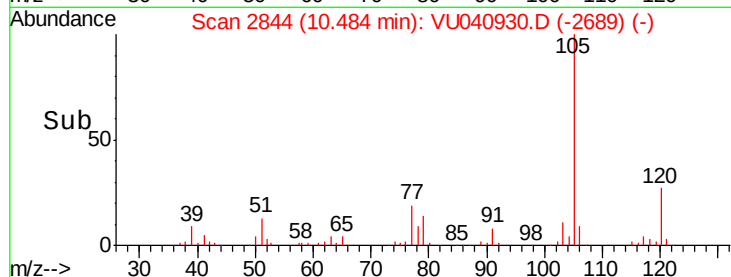
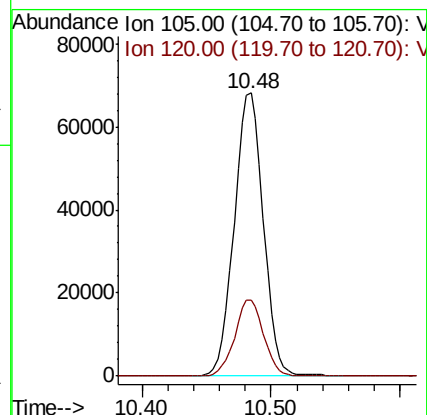
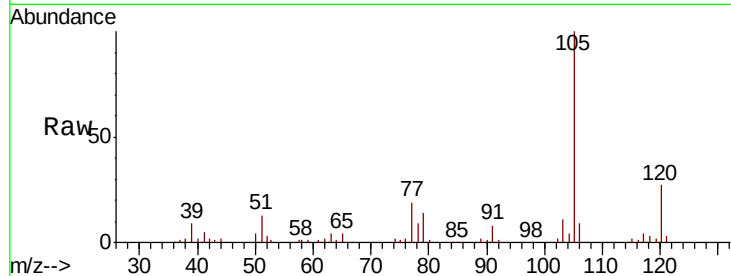
VU1023WBS01

Tot Ion:105 Resp: 106722

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 2.045 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

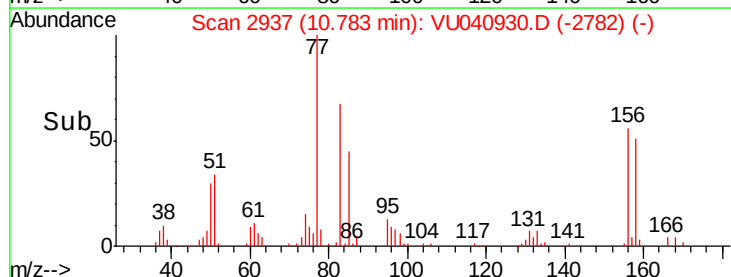
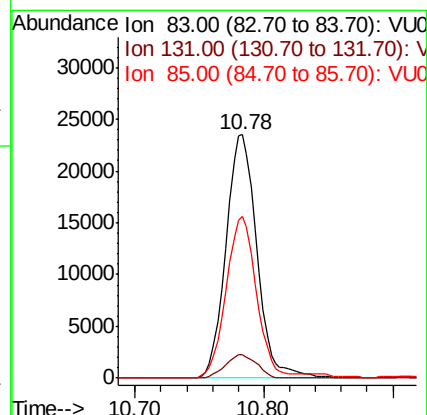
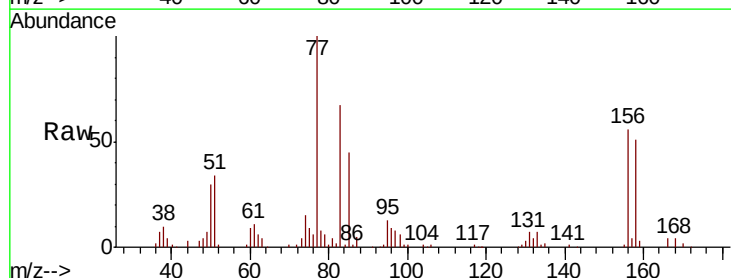
Tgt Ion: 83 Resp: 39049

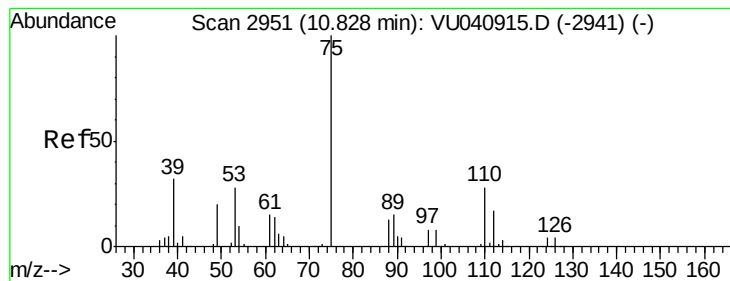
Ion Ratio Lower Upper

83 100

131 9.6 7.1 10.7

85 65.5 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 3.230 ug/l

RT: 10.83 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 75 Resp: 47025

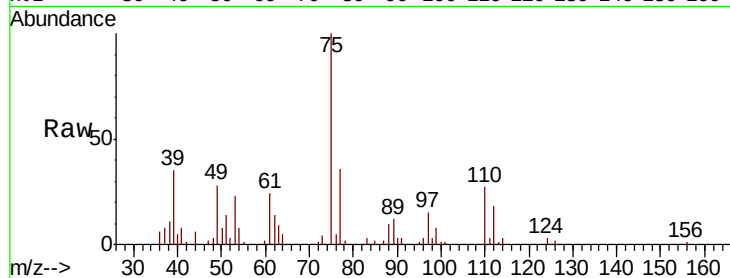
Ion Ratio Lower Upper

75 100

77 32.9 0.0 110.8

110 22.3 0.0 73.4

97 11.4 0.0 36.0

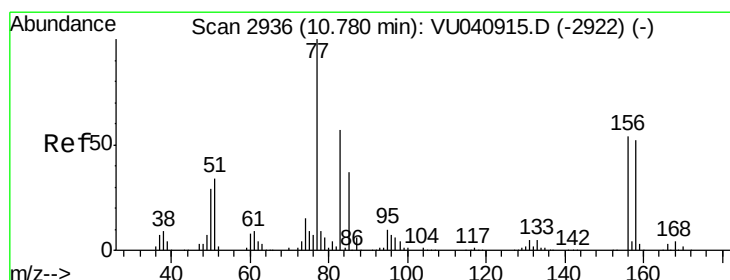
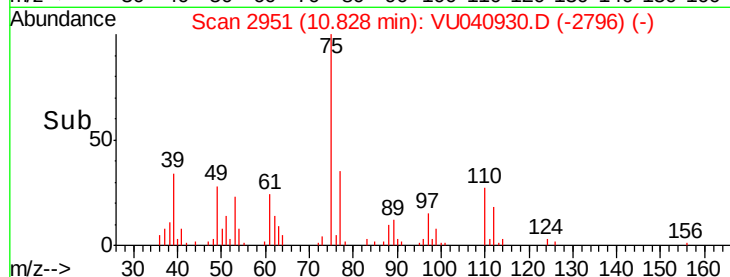
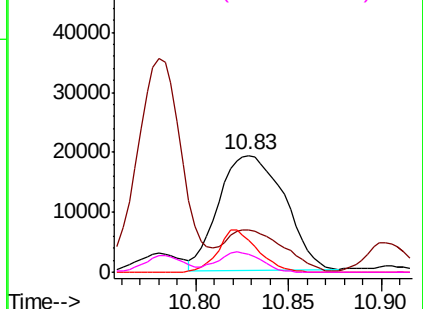


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.946 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

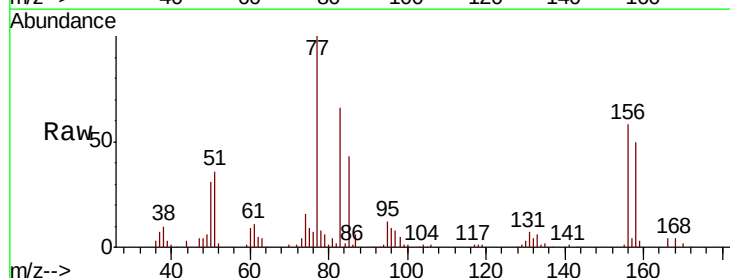
Tgt Ion: 156 Resp: 31997

Ion Ratio Lower Upper

156 100

77 188.2 0.0 370.2

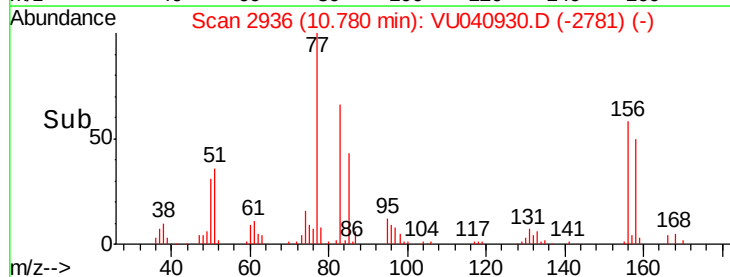
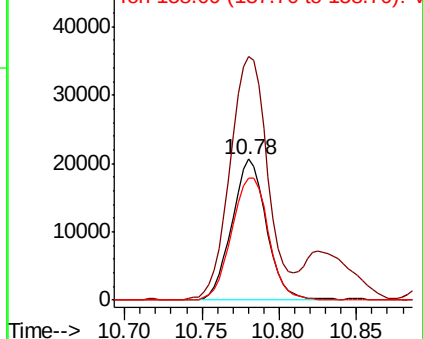
158 92.8 0.0 193.2

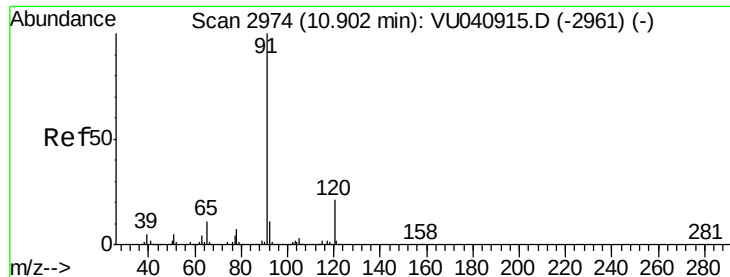


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.682 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

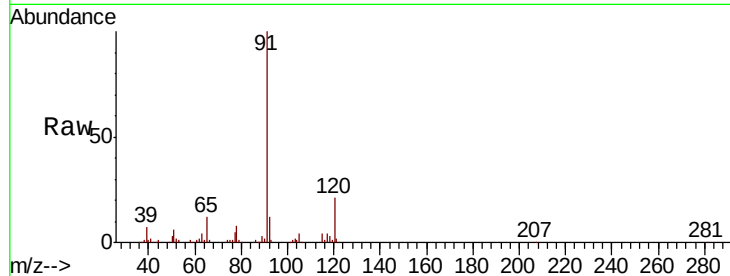
VU1023WBS01

Tot Ion:120 Resp: 31105

Ion Ratio Lower Upper

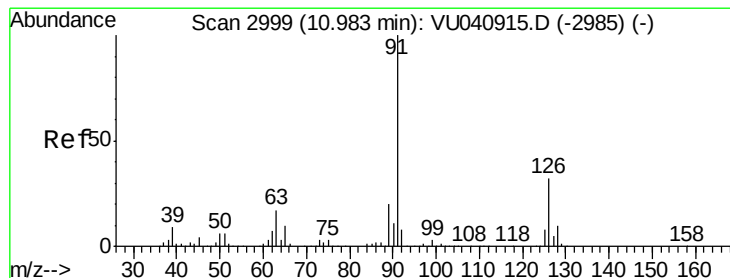
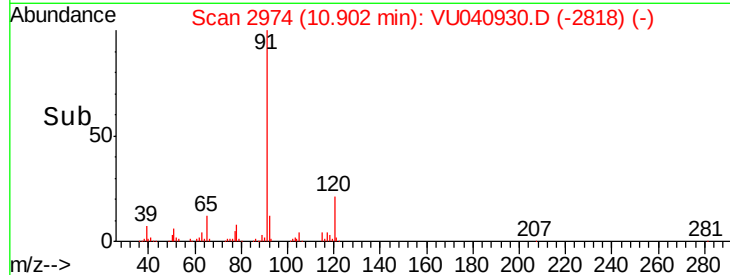
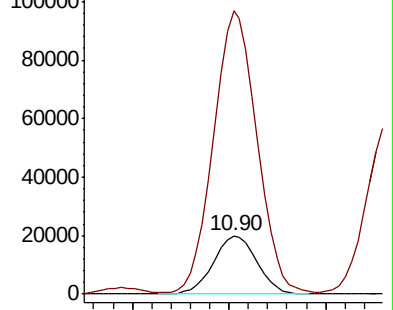
120 100

91 485.6 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.890 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040930.D

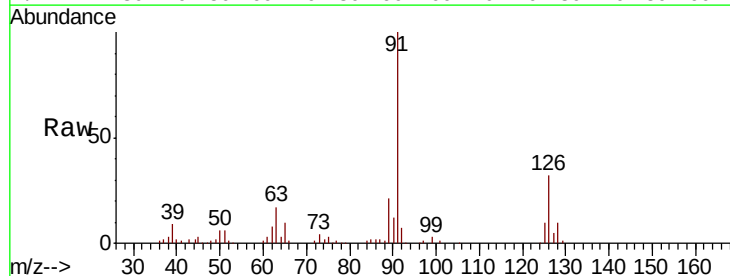
Acq: 23 Oct 2020 12:04

Tgt Ion:126 Resp: 30926

Ion Ratio Lower Upper

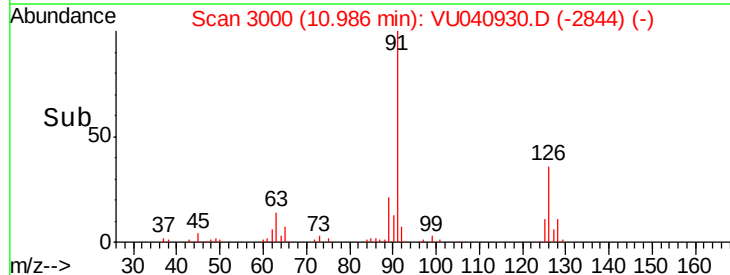
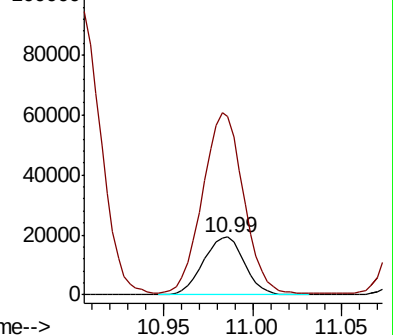
126 100

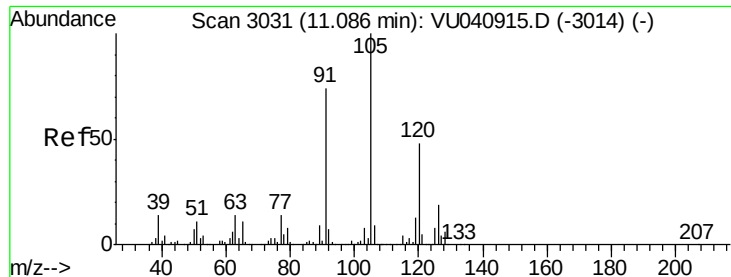
91 311.9 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.714 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

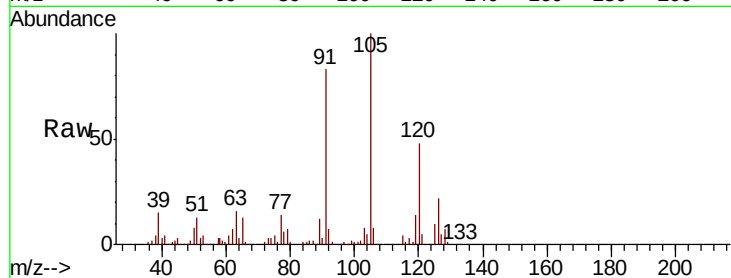
VU1023WBS01

Tot Ion:105 Resp: 99300

Ion Ratio Lower Upper

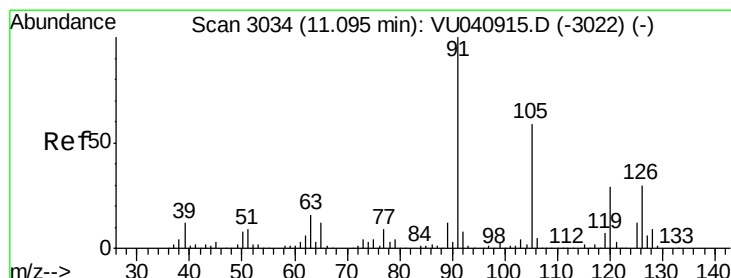
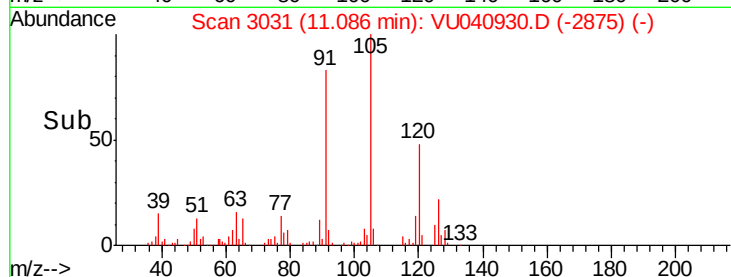
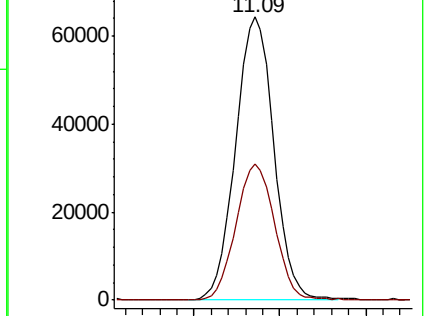
105 100

120 48.7 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.967 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040930.D

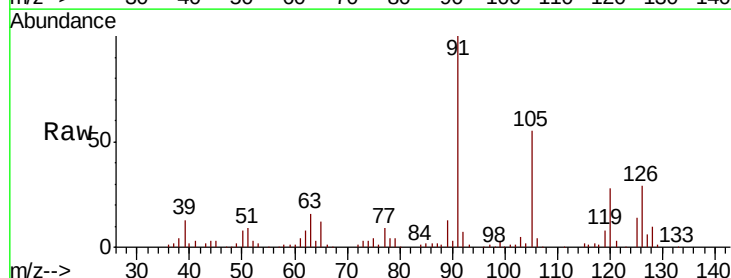
Acq: 23 Oct 2020 12:04

Tgt Ion:126 Resp: 33358

Ion Ratio Lower Upper

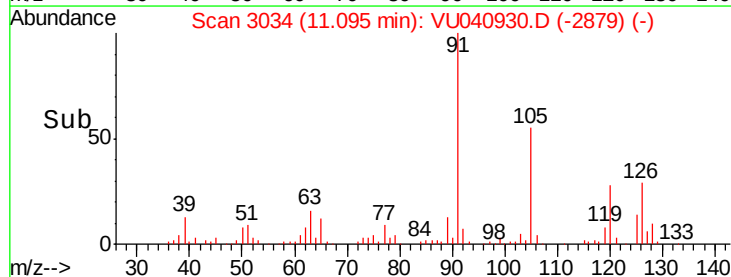
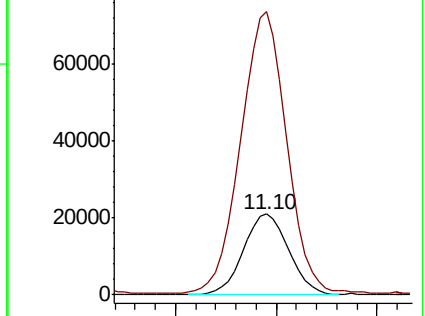
126 100

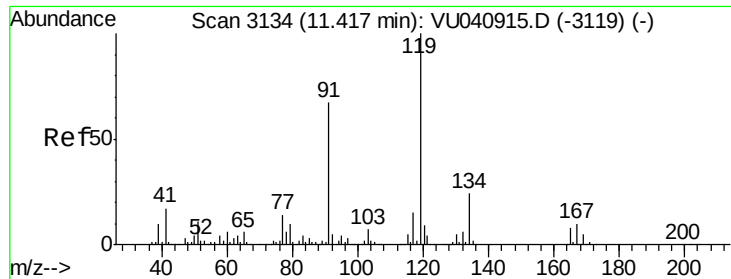
91 349.4 0.0 730.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.794 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

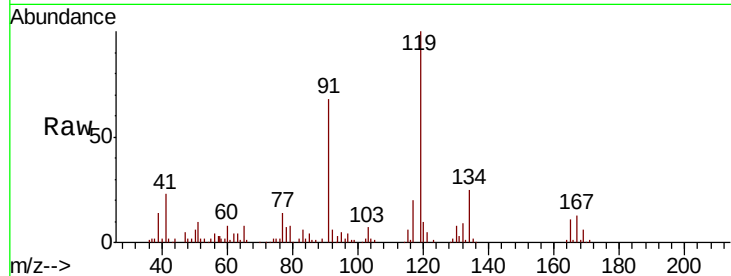
Tot Ion:119 Resp: 95590

Ion Ratio Lower Upper

119 100

91 64.2 32.0 96.2

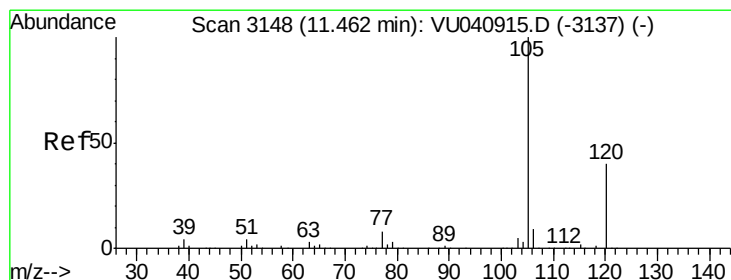
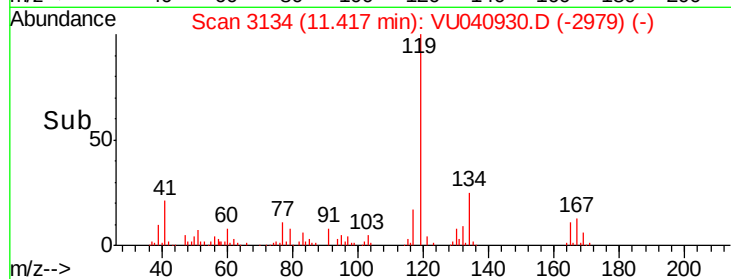
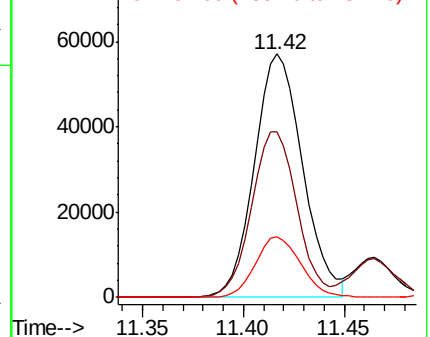
134 23.5 18.4 27.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.716 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU040930.D

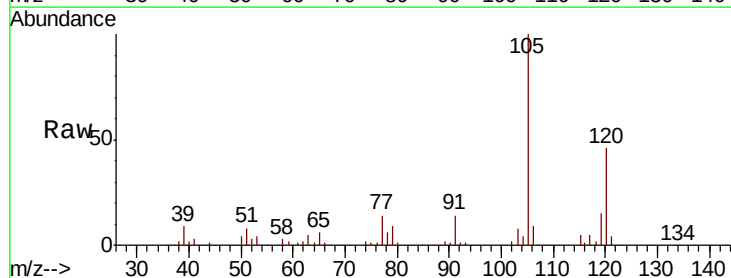
Acq: 23 Oct 2020 12:04

Tgt Ion:105 Resp: 102836

Ion Ratio Lower Upper

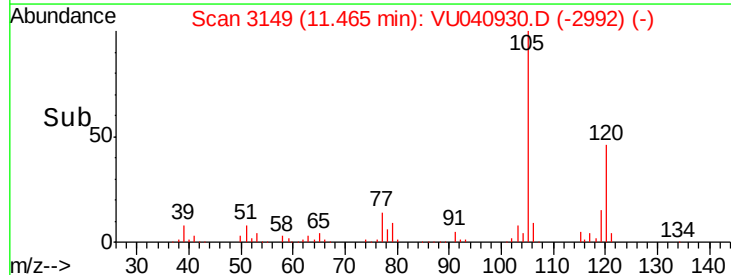
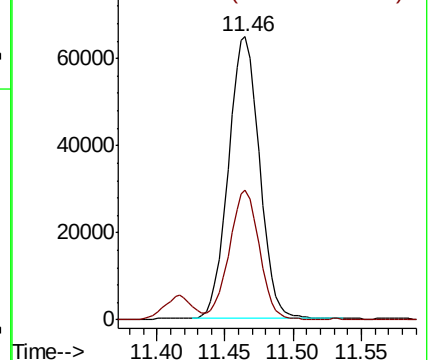
105 100

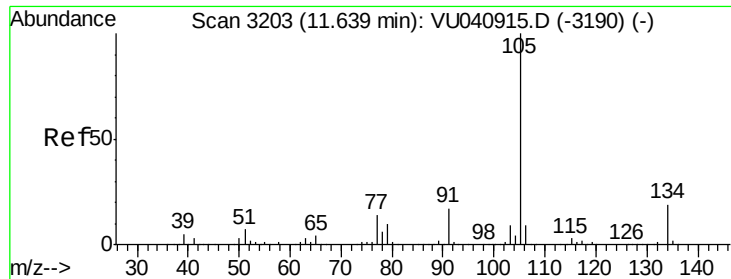
120 44.6 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

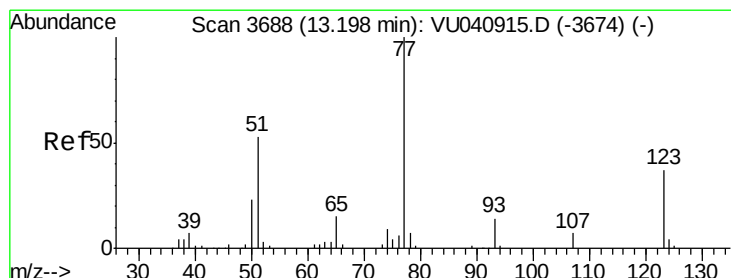
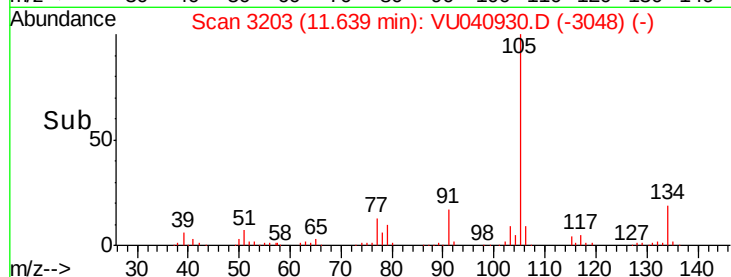
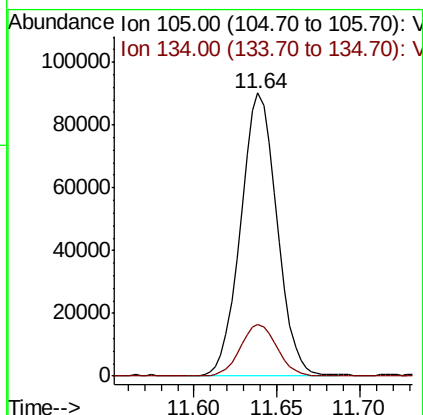
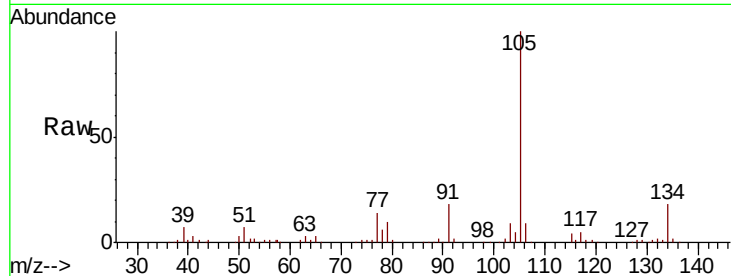




#79
 sec-Butylbenzene
 Concen: 1.844 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

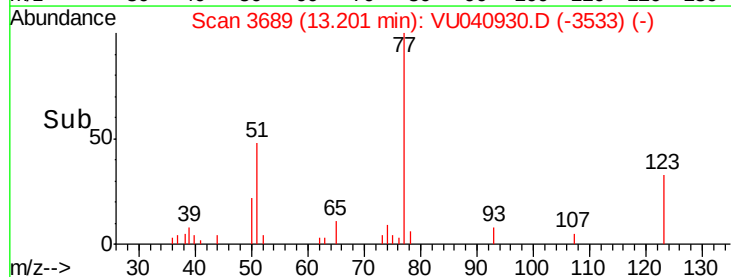
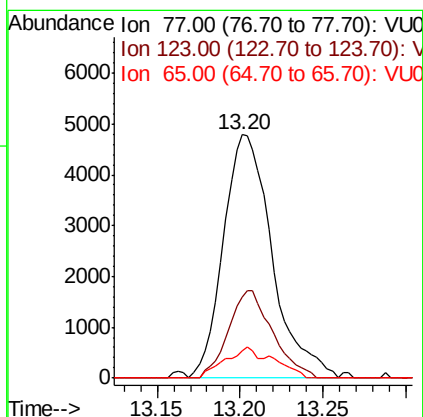
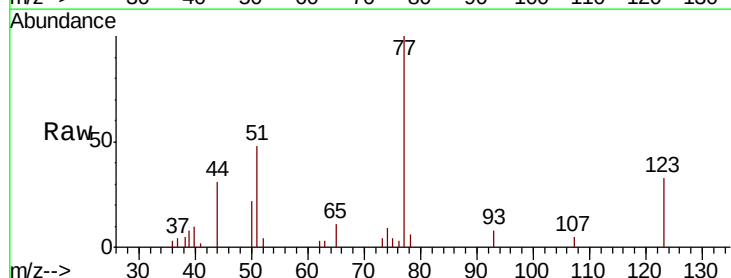
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

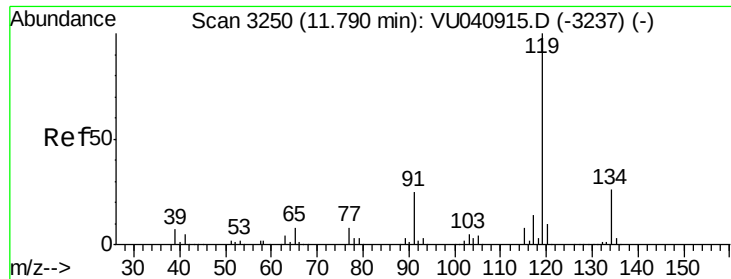
Tot Ion:105 Resp: 136445
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.4 23.0



#80
 Nitrobenzene
 Concen: 10.822 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 77 Resp: 9774
 Ion Ratio Lower Upper
 77 100
 123 32.4 16.8 59.4
 65 9.0 11.0 14.0#

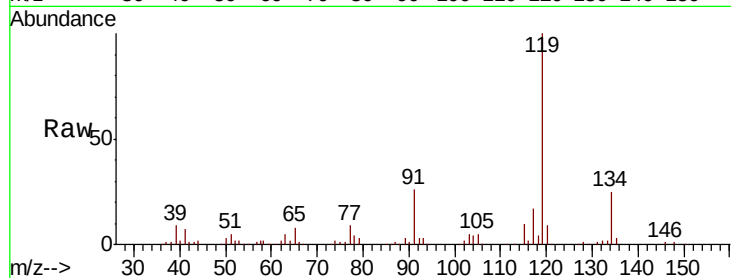




#81
 p-Isopropyltoluene
 Concen: 1.812 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.4	30.6
91	26.3	20.4	30.6

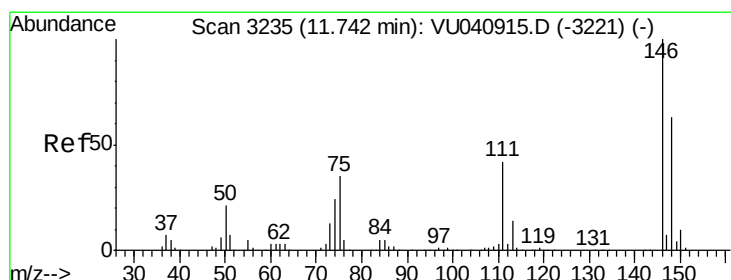
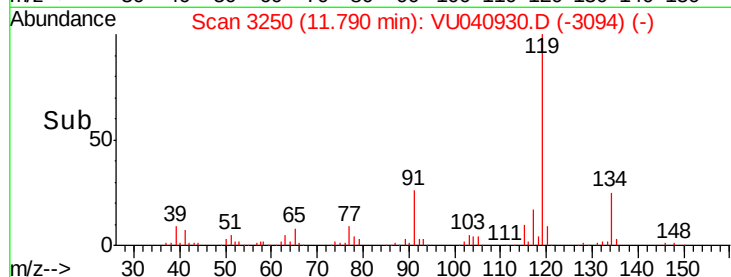
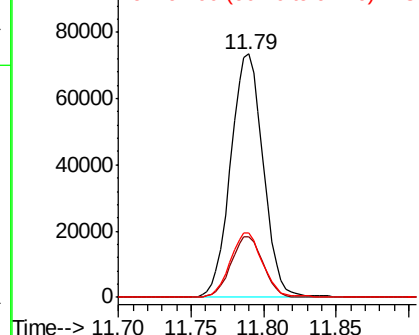


Abundance

Ion 119.00 (118.70 to 119.70): V

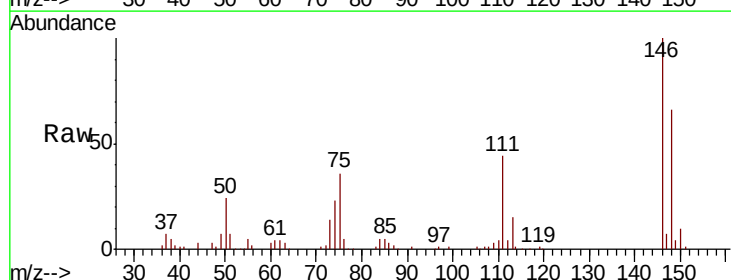
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 2.098 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	33.6	50.4
148	62.9	50.1	75.1

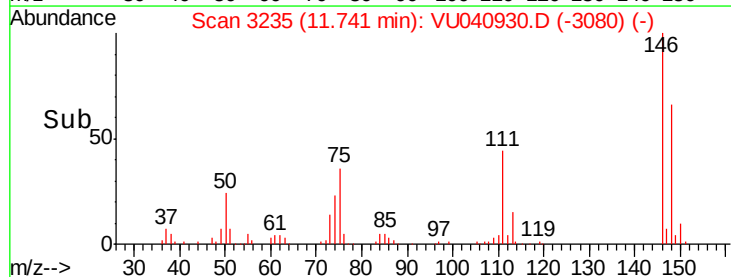
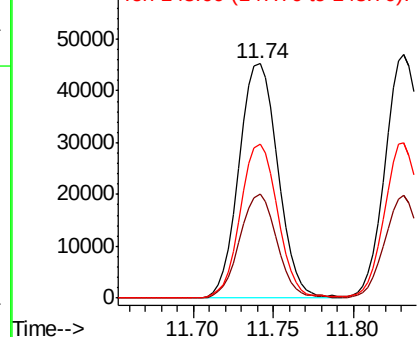


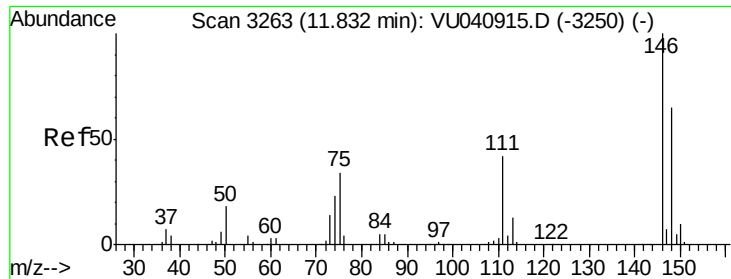
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

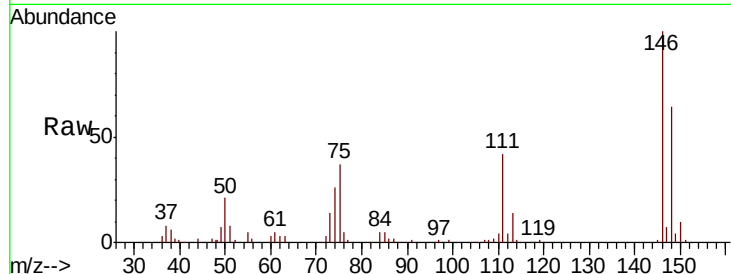




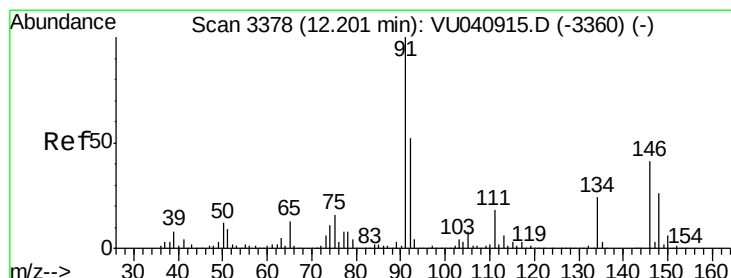
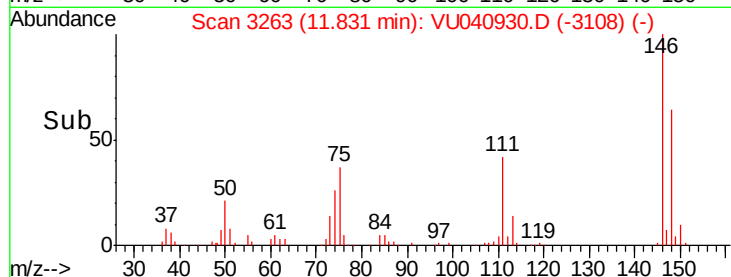
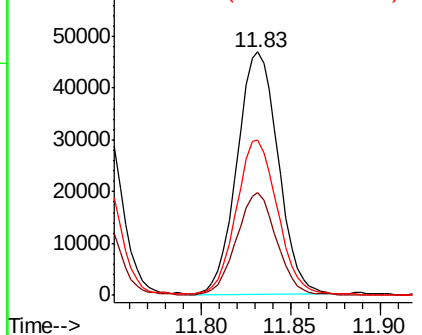
#83
 1,4-Dichlorobenzene
 Concen: 2.073 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion:146 Resp: 75163
 Ion Ratio Lower Upper
 146 100
 111 41.0 33.7 50.5
 148 65.2 50.6 75.8

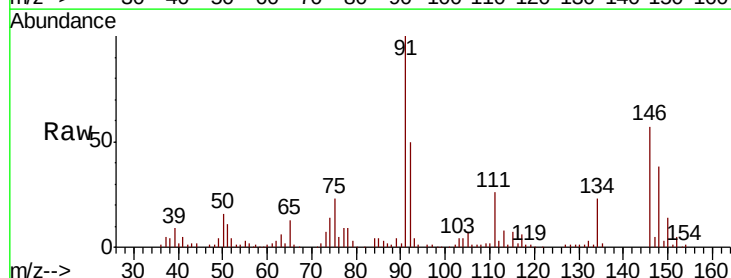


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

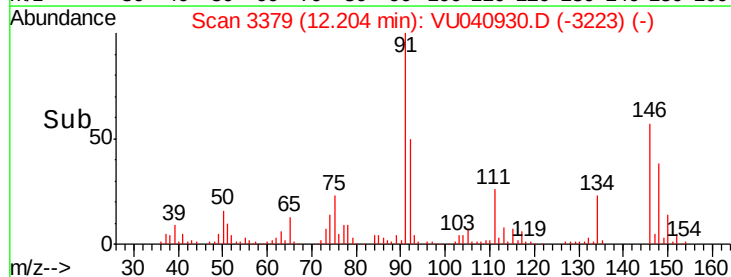
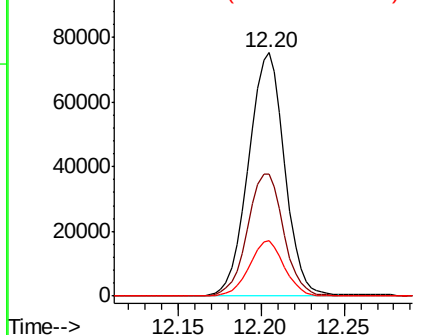


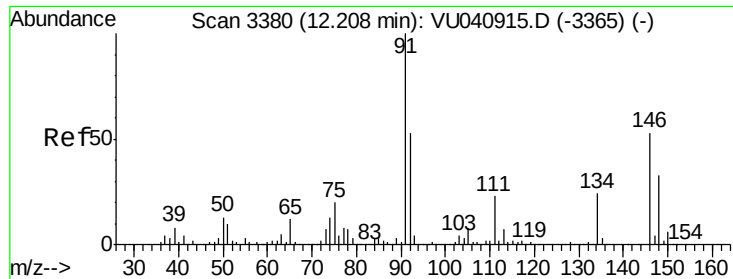
#84
 n-Butylbenzene
 Concen: 1.842 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 91 Resp: 114078
 Ion Ratio Lower Upper
 91 100
 92 50.3 41.7 62.5
 134 22.0 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

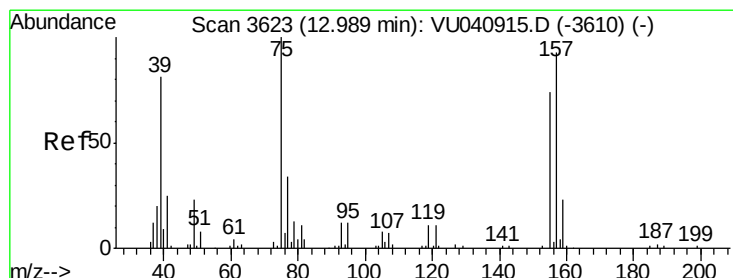
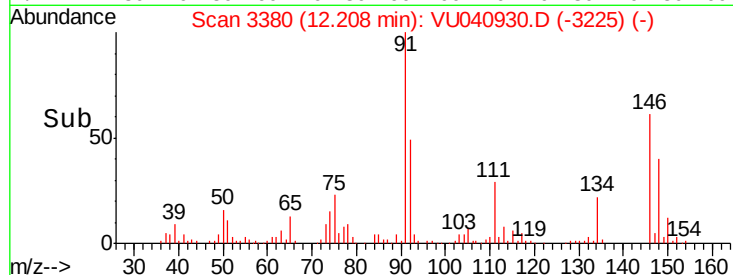
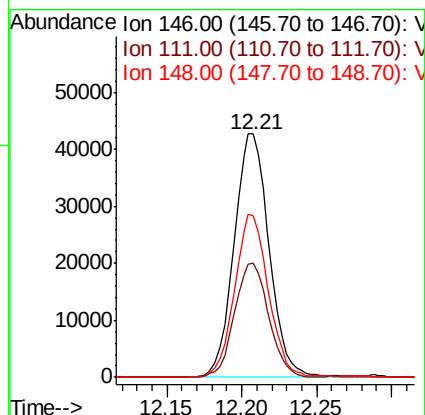
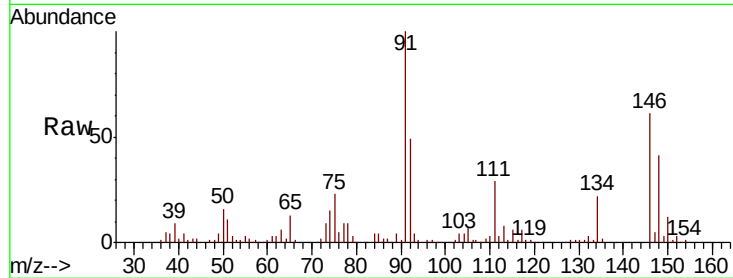




#85
 1,2-Dichlorobenzene
 Concen: 2.028 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

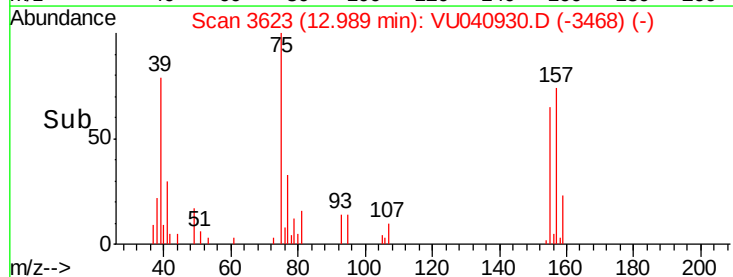
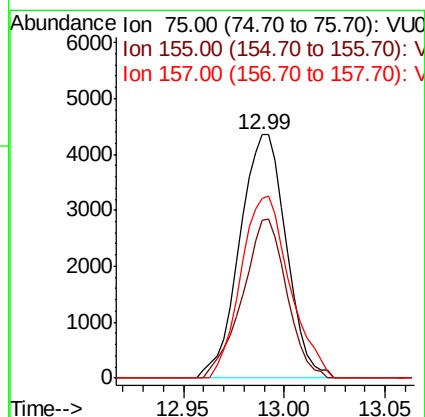
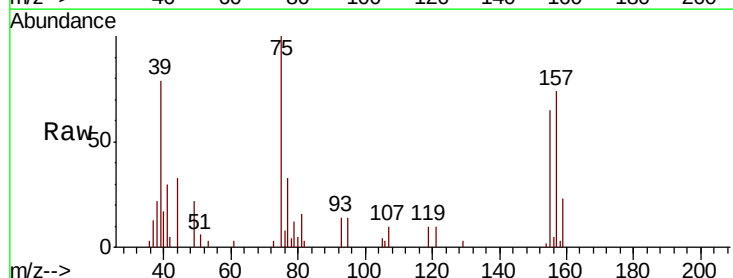
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

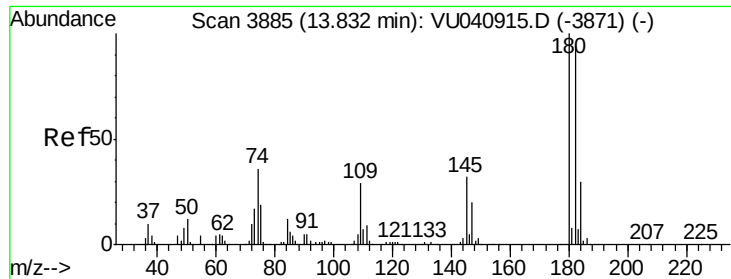
Tot Ion:146 Resp: 69565
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.3 66.9
 148 64.9 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.972 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 75 Resp: 7032
 Ion Ratio Lower Upper
 75 100
 155 62.0 57.1 85.7
 157 77.9 72.4 108.6

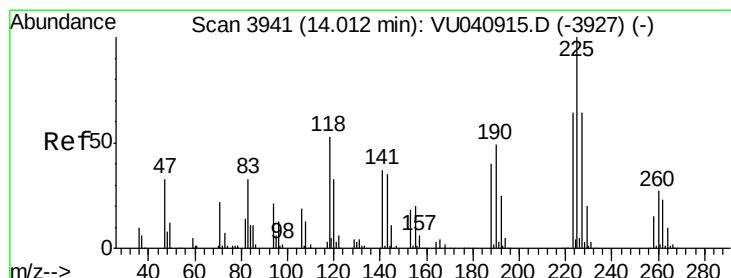
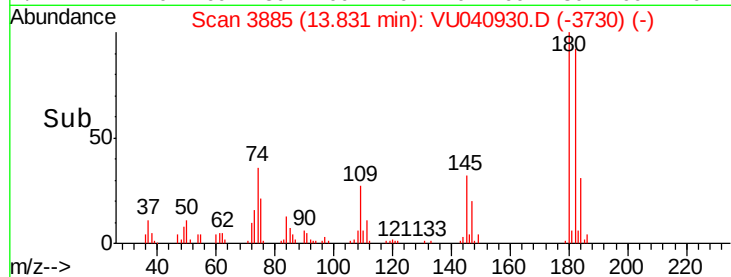
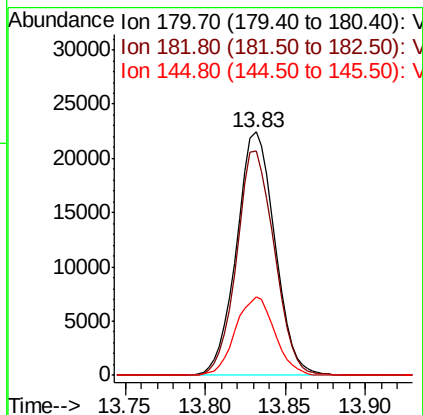
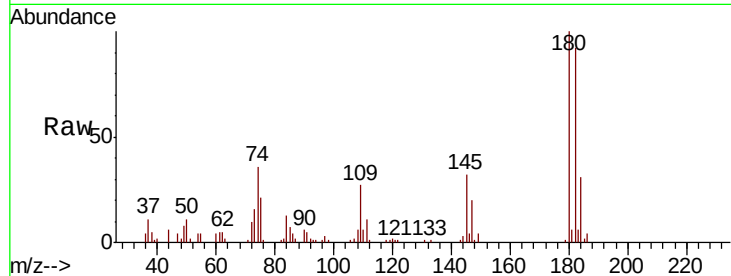




#87
 1,2,4-Trichlorobenzene
 Concen: 1.820 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

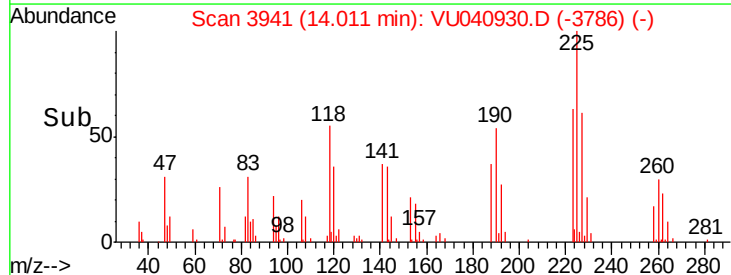
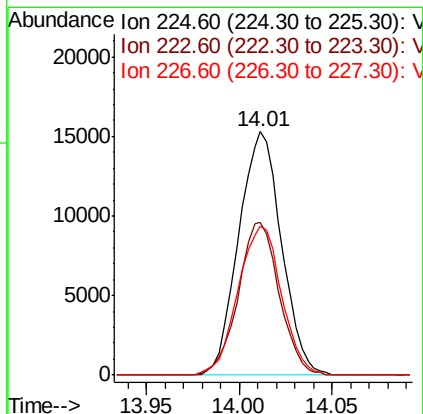
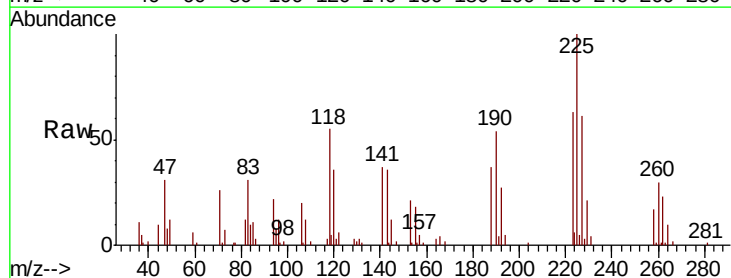
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

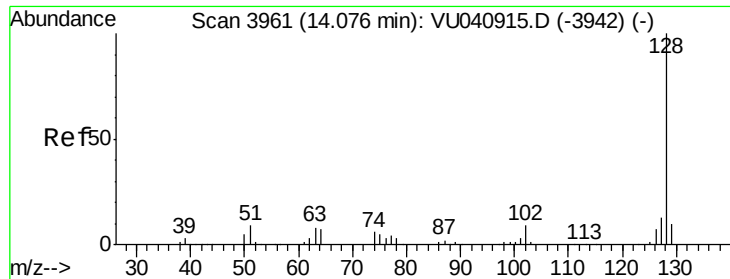
Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	75.4	113.2
145	33.0	25.4	38.0



#88
 Hexachlorobutadiene
 Concen: 2.170 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.9	74.9
227	62.2	51.1	76.7





#89

Naphthalene

Concen: 1.773 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

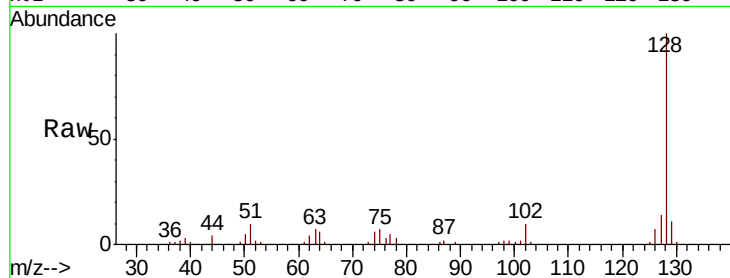
Tot Ion:128 Resp: 57608

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

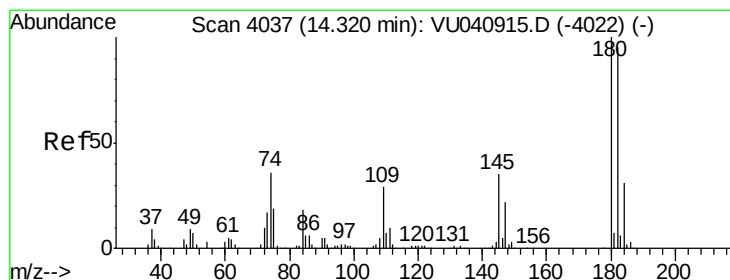
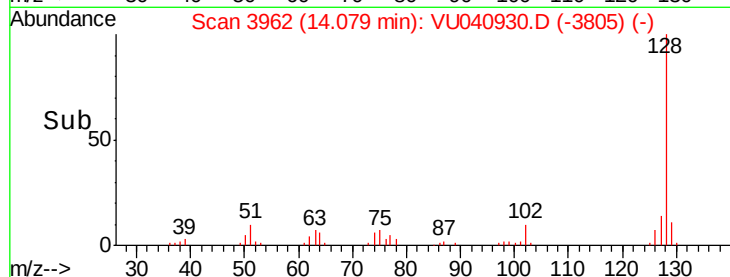
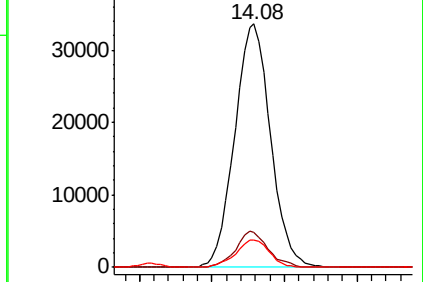
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.756 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

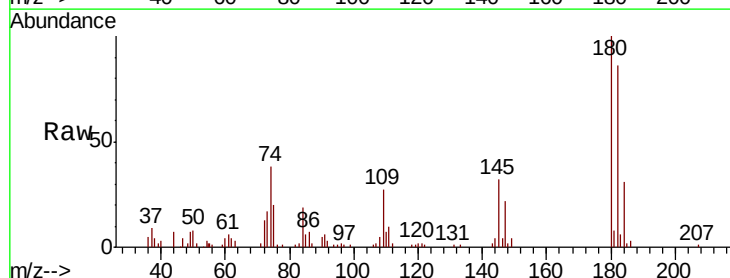
Tgt Ion:180 Resp: 34346

Ion Ratio Lower Upper

180 100

182 93.2 76.0 114.0

145 33.4 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

