

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029880.D
 Acq On : 08 Mar 2019 11:31
 Operator : JC/SP
 Sample : VU0310WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Quant Time: Mar 08 21:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58967	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21198	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24943	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	36442	1.847 ug/l	98
3) Chloromethane	1.33	50	31737	1.806 ug/l	98
4) Vinyl Chloride	1.40	62	37334	1.889 ug/l	99
5) Bromomethane	1.63	94	23620	1.750 ug/l	99
6) Chloroethane	1.70	64	22289	1.881 ug/l	93
7) Trichlorofluoromethane	1.88	101	51344	1.906 ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30133	1.923 ug/l	97
9) 1,1-Dichloroethene	2.28	96	28848	1.881 ug/l	100
10) Iodomethane	2.41	142	19006	1.626 ug/l	97
11) Allyl Chloride	2.59	41	39172	1.817 ug/l	99
12) Acrylonitrile	2.94	53	12857	3.844 ug/l	95
13) Acetone	2.32	43	25279	9.126 ug/l	97
14) Carbon Disulfide	2.47	76	87050	1.752 ug/l	99
15) Methylene Chloride	2.70	84	33784	1.836 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	31394	1.812 ug/l	99
17) 1,1-Dichloroethane	3.44	63	54551	1.882 ug/l	99
18) 2-Butanone	4.28	43	34888	9.268 ug/l	99
19) Cyclohexane	4.99	56	35724	1.587 ug/l	99
20) Methylcyclohexane	6.41	83	46815	1.786 ug/l	97
21) 2,2-Dichloropropane	4.22	77	43062	1.817 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	35061	1.909 ug/l	96
23) Diethyl Ether	2.10	59	21912	1.906 ug/l	98
24) tert-Butyl Alcohol	2.84	59	24511	20.664 ug/l	95
25) Methyl tert-Butyl Ether	3.00	73	73087	1.892 ug/l	99
26) Bromochloromethane	4.55	128	15985	1.961 ug/l	96
27) Chloroform	4.67	83	54883	1.870 ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	47449	1.906 ug/l	99
29) 1,1-Dichloropropene	5.13	75	40653	1.838 ug/l	98
30) Carbon Tetrachloride	5.13	117	39564	1.822 ug/l	96
31) Isopropyl Ether	3.58	45	77310	1.934 ug/l	97
32) Ethyl-t-butyl ether	4.07	59	73260	1.885 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	69204	1.926 ug/l	99
34) Propionitrile	4.34	54	10644	9.506 ug/l #	98
35) Benzene	5.38	78	122420	1.879 ug/l	99
36) 1,2-Dichloroethane	5.40	62	33520	1.884 ug/l	100
37) Trichloroethene	6.18	130	34266	1.801 ug/l	98
38) 1,2-Dichloropropane	6.43	63	30426	1.845 ug/l	99
39) Methacrylonitrile	4.55	41	8599	1.826 ug/l	99
40) Methyl acrylate	4.43	55	12940	1.738 ug/l #	87
41) Tetrahydrofuran	4.65	42	9140	3.710 ug/l	96
42) 1-Chlorobutane	5.06	56	50985	1.804 ug/l	99

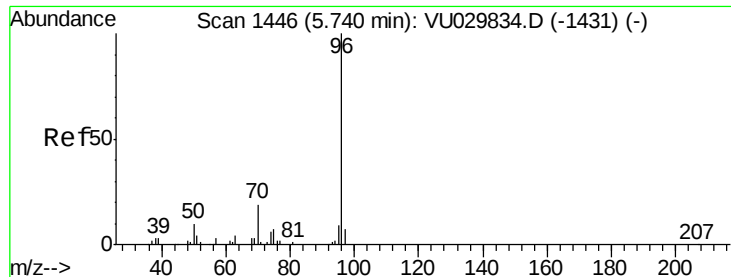
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029880.D
 Acq On : 08 Mar 2019 11:31
 Operator : JC/SP
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Quant Time: Mar 08 21:44:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16534	1.934	ug/l	98
44) Bromodichloromethane	6.76	83	39242	1.869	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	83314	9.345	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	32731	8.782	ug/l #	51
47) Methyl methacrylate	6.63	69	27162	3.703	ug/l	99
48) Ethyl methacrylate	8.02	69	26326	1.873	ug/l	94
49) Toluene	7.63	92	74427	1.860	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	33059	1.797	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	41226	1.810	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	24288	1.920	ug/l	97
53) 1,3-Dichloropropane	8.24	76	39078	1.883	ug/l	100
54) 2-Hexanone	8.37	43	55006	8.884	ug/l	99
55) Dibromochloromethane	8.48	129	26725	1.780	ug/l	96
56) 1,2-Dibromoethane	8.58	107	22246	1.854	ug/l	97
58) Tetrachloroethene	8.22	164	38747	1.994	ug/l	98
59) Chlorobenzene	9.12	112	86477	1.880	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	30601	1.855	ug/l	97
61) Pentachloroethane	11.10	117	19594	1.706	ug/l	93
62) Hexachloroethane	12.14	117	20143	1.667	ug/l	96
63) Ethyl Benzene	9.25	91	136402	1.811	ug/l	100
64) m/p-Xylenes	9.37	106	107138	3.598	ug/l	96
65) o-Xylene	9.78	106	53248	1.862	ug/l	100
66) Styrene	9.79	104	85882	1.807	ug/l	97
67) Bromoform	9.95	173	16490	1.870	ug/l	95
69) Isopropylbenzene	10.16	105	139753	1.843	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	29055	1.883	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	32731	2.854	ug/l #	79
72) Bromobenzene	10.45	156	37456	1.866	ug/l	98
73) n-propylbenzene	10.58	120	38663	1.813	ug/l	99
74) 2-Chlorotoluene	10.66	126	35574	1.881	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	119609	1.872	ug/l	99
76) 4-Chlorotoluene	10.77	126	37675	1.953	ug/l	93
77) tert-Butylbenzene	11.10	119	113613	1.797	ug/l	97
78) 1,2,4-Trimethylbenzene	11.14	105	118457	1.835	ug/l	100
79) sec-Butylbenzene	11.32	105	159939	1.909	ug/l	100
80) Nitrobenzene	12.88	77	1399	4.994	ug/l #	89
81) p-Isopropyltoluene	11.47	119	130269	1.857	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	72669	1.828	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	73242	1.885	ug/l	98
84) n-Butylbenzene	11.89	91	114157	1.786	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	70418	1.878	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3963	1.799	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	43244	1.801	ug/l	98
88) Hexachlorobutadiene	13.69	225	28054	1.855	ug/l	99
89) Naphthalene	13.74	128	67378	1.841	ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	42243	1.873	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

Tgt Ion: 96 Resp: 58967

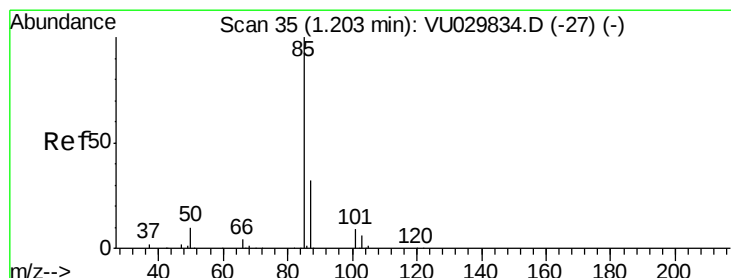
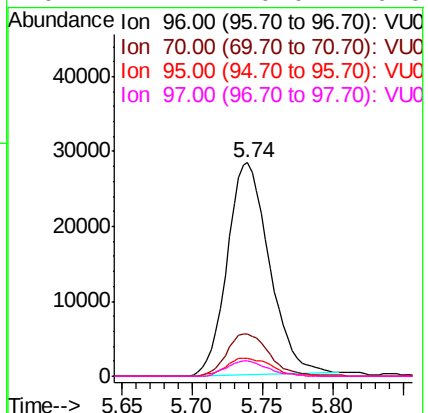
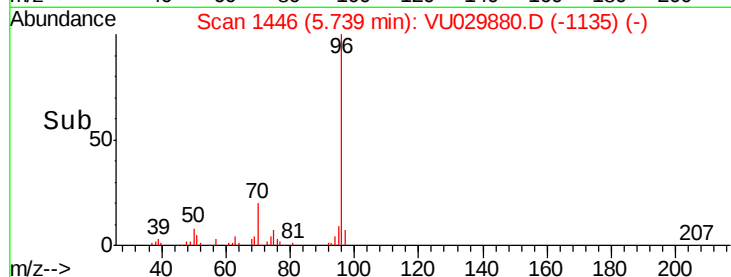
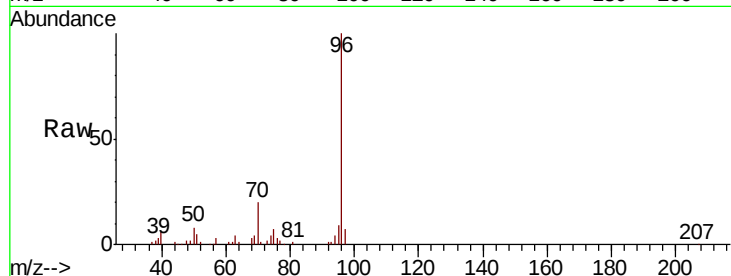
Ion Ratio Lower Upper

96 100

70 20.5 14.4 21.6

95 9.3 7.0 10.6

97 7.1 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.847 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029880.D

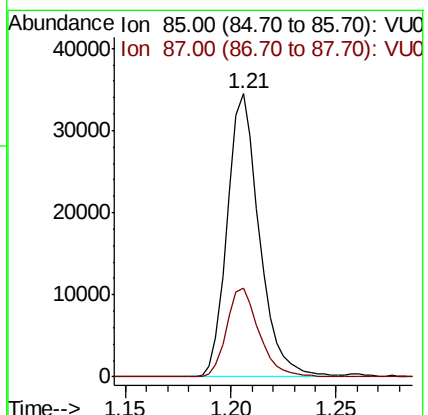
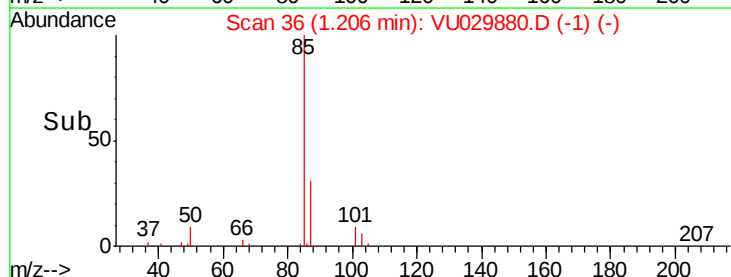
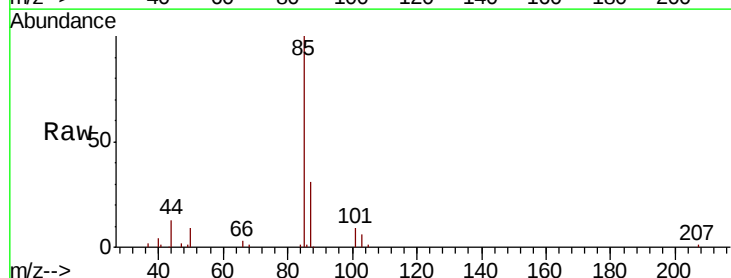
Acq: 08 Mar 2019 11:31

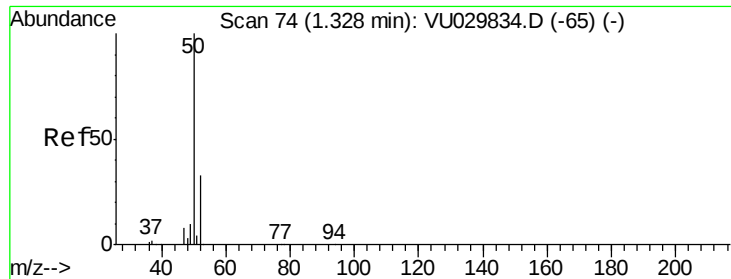
Tgt Ion: 85 Resp: 36442

Ion Ratio Lower Upper

85 100

87 31.3 16.2 48.6





#3

Chloromethane

Concen: 1.806 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

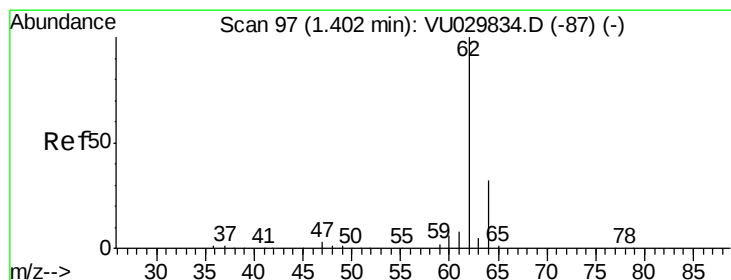
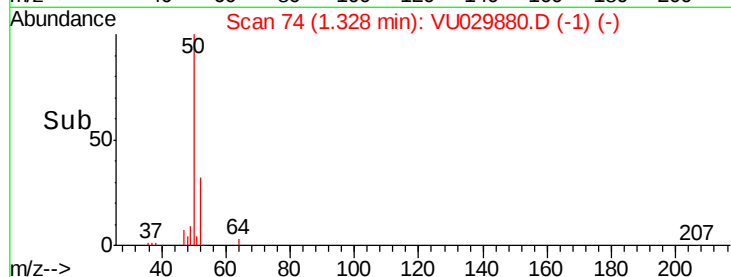
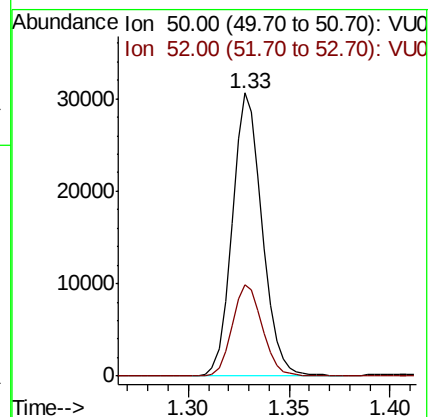
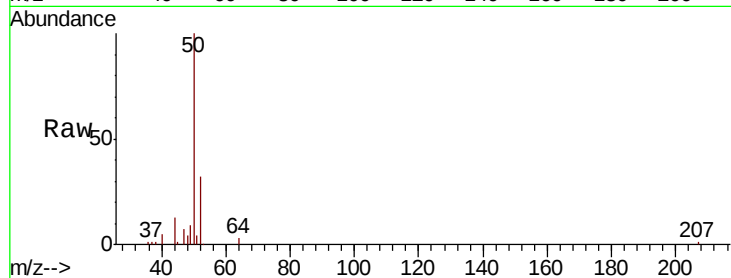
VU0310WBSD01

Tgt Ion: 50 Resp: 31737

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 1.889 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029880.D

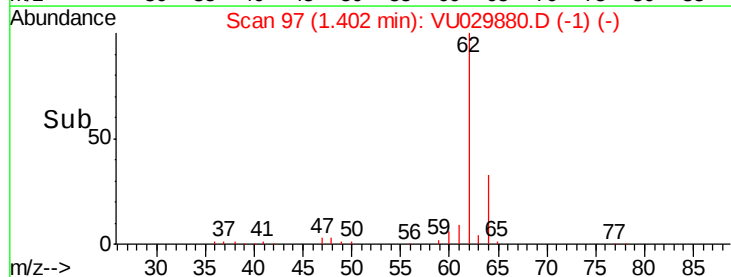
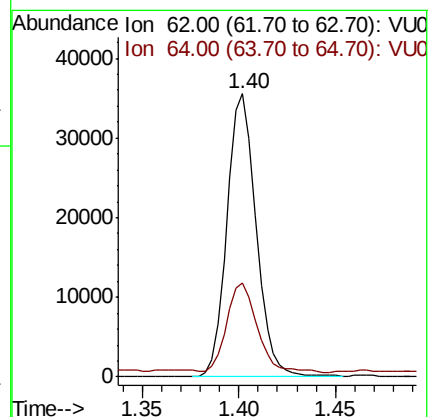
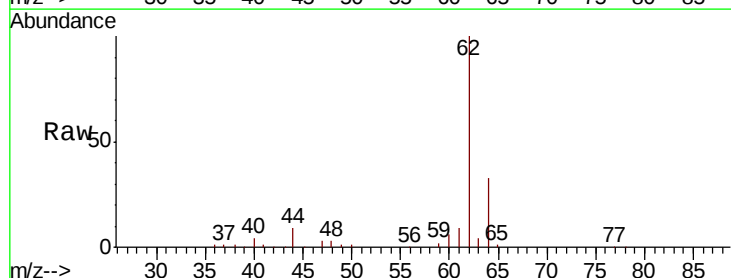
Acq: 08 Mar 2019 11:31

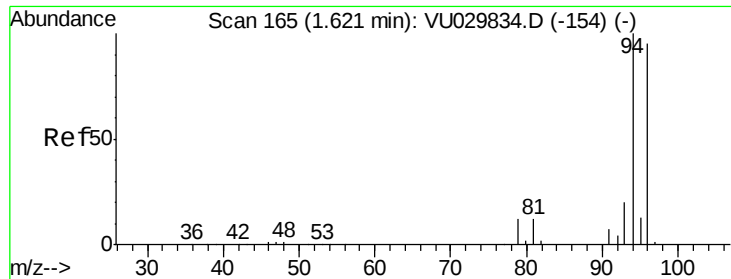
Tgt Ion: 62 Resp: 37334

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5

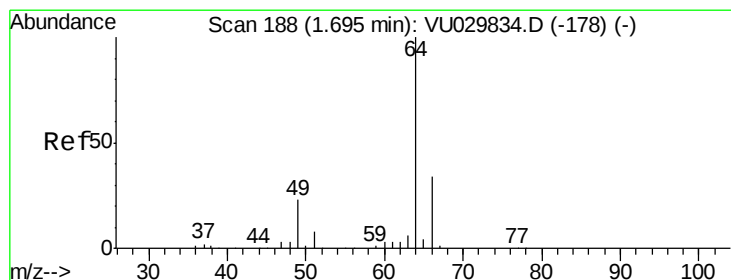
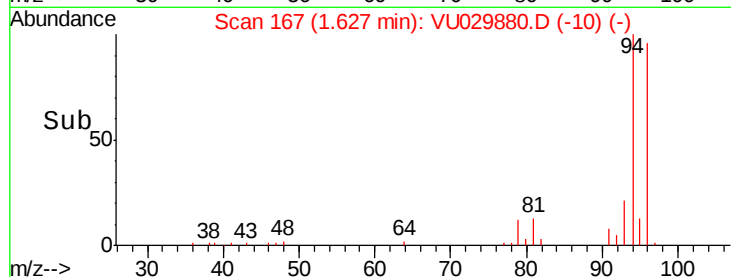
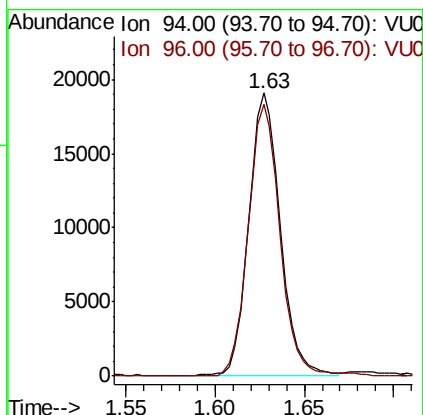
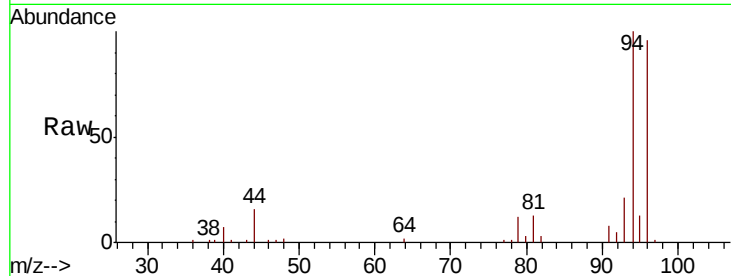




#5
Bromomethane
Concen: 1.750 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

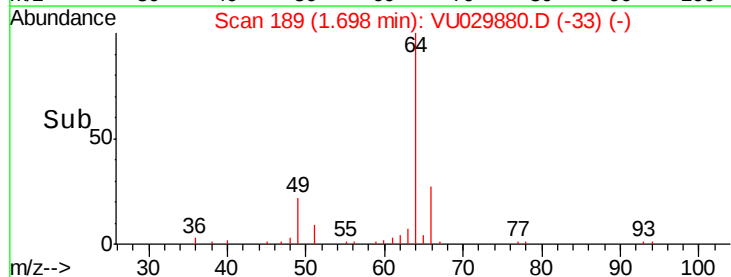
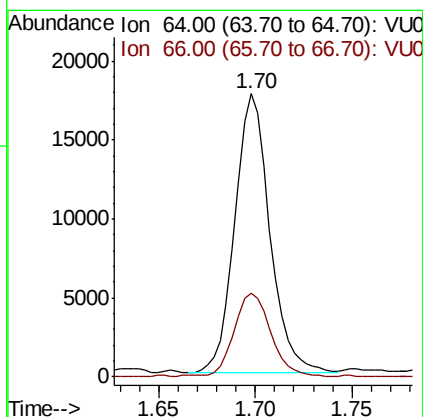
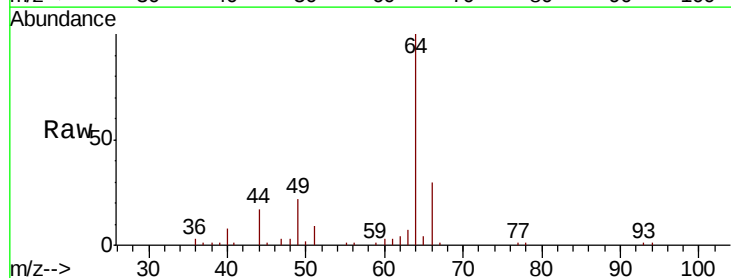
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

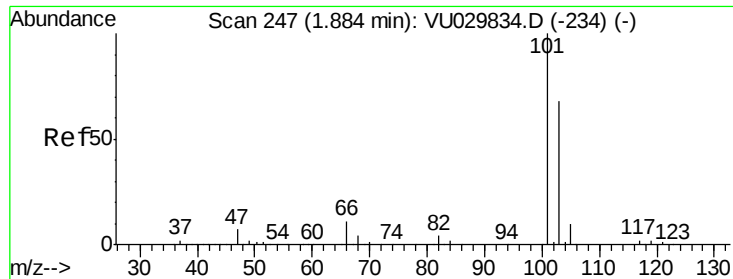
Tgt Ion: 94 Resp: 23620
Ion Ratio Lower Upper
94 100
96 96.3 76.4 114.6



#6
Chloroethane
Concen: 1.881 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 64 Resp: 22289
Ion Ratio Lower Upper
64 100
66 30.1 27.3 40.9





#7

Trichlorofluoromethane

Concen: 1.906 ug/l

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

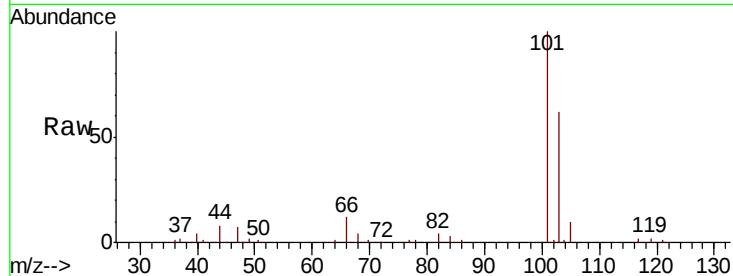
VU0310WBSD01

Tgt Ion:101 Resp: 51344

Ion Ratio Lower Upper

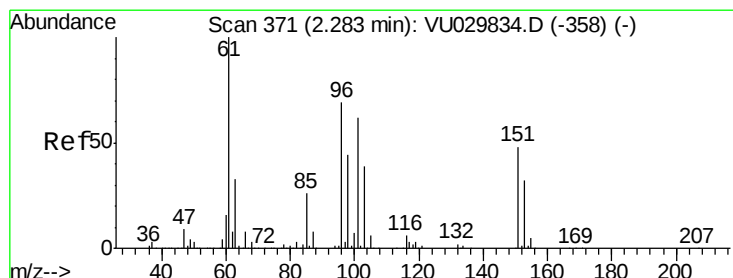
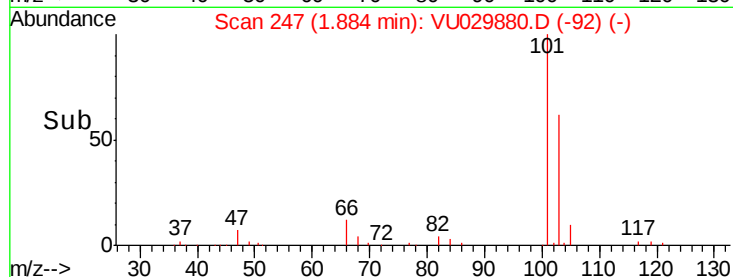
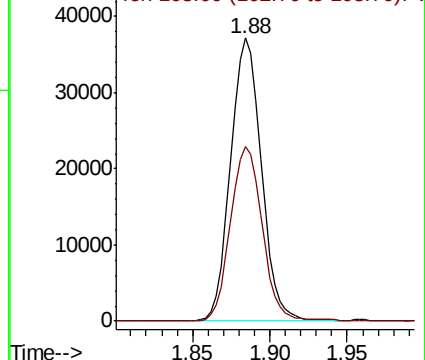
101 100

103 61.8 54.2 81.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 1.923 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

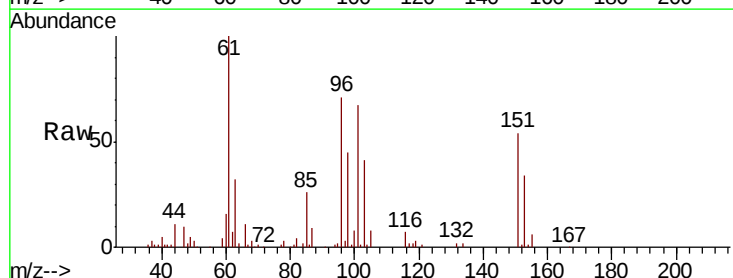
Tgt Ion:101 Resp: 30133

Ion Ratio Lower Upper

101 100

85 40.1 33.4 50.0

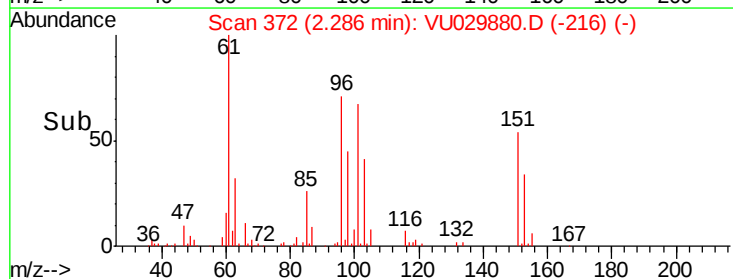
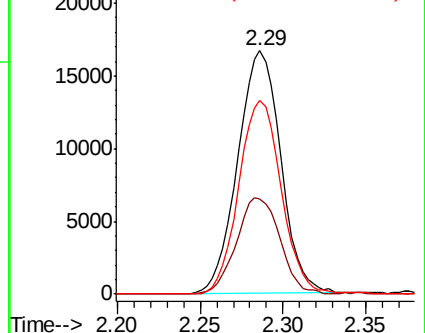
151 77.9 64.6 97.0

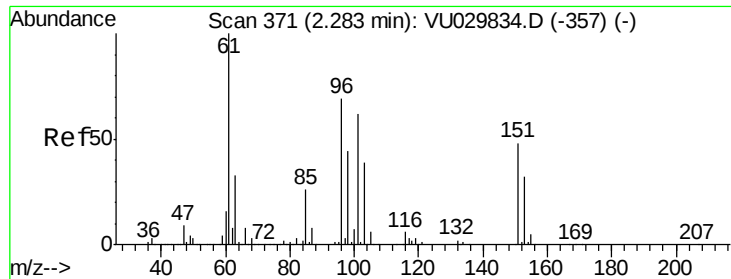


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.881 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

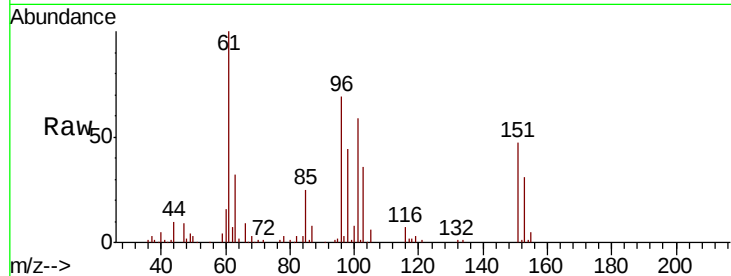
Tgt Ion: 96 Resp: 28848

Ion Ratio Lower Upper

96 100

61 144.7 0.0 435.3

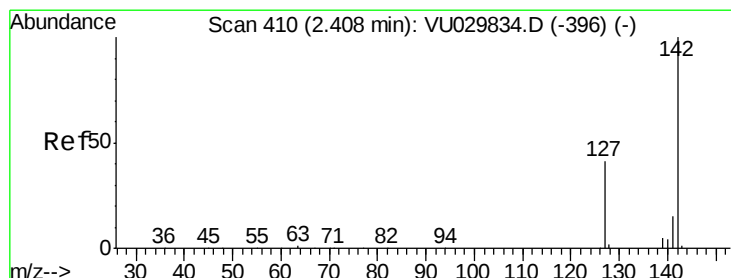
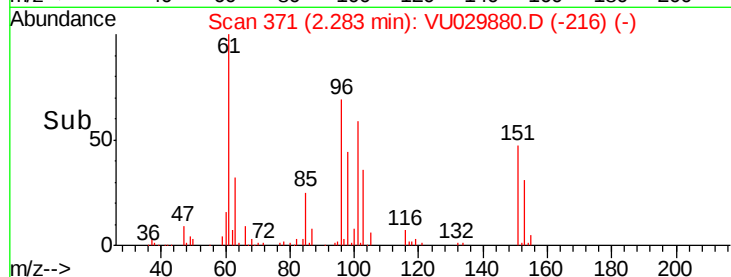
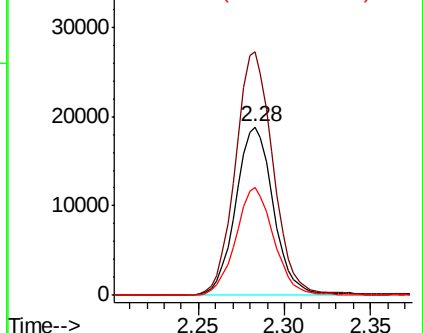
98 64.2 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.626 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029880.D

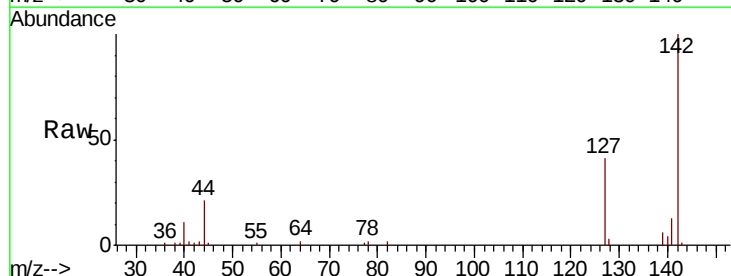
Acq: 08 Mar 2019 11:31

Tgt Ion: 142 Resp: 19006

Ion Ratio Lower Upper

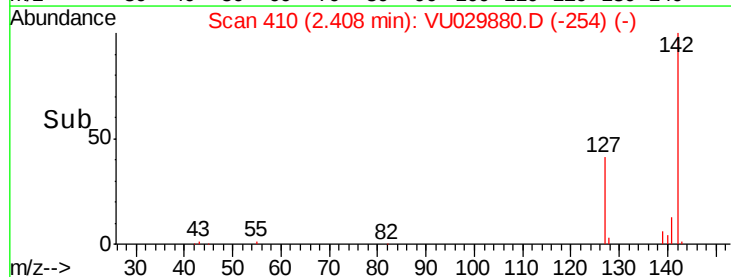
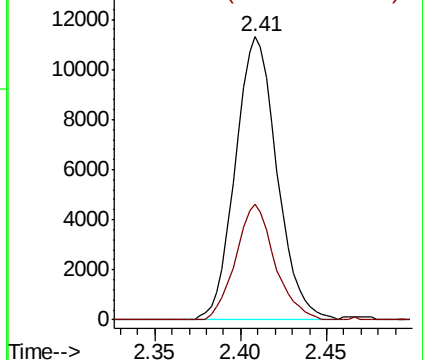
142 100

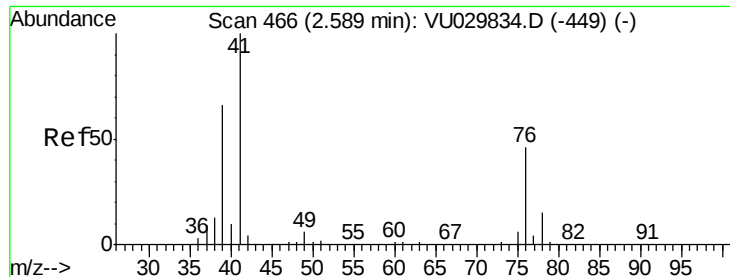
127 38.3 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

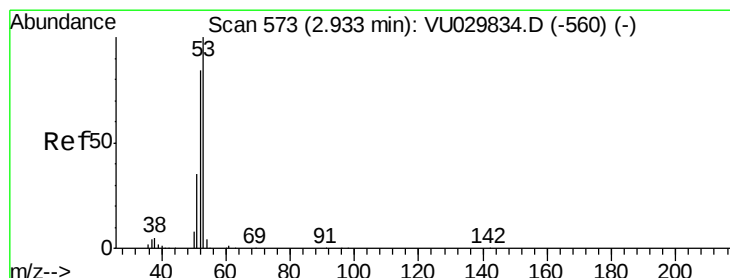
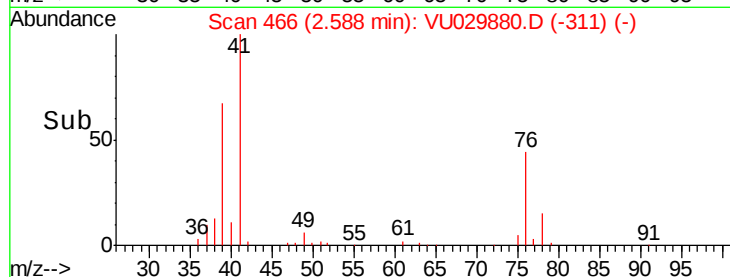
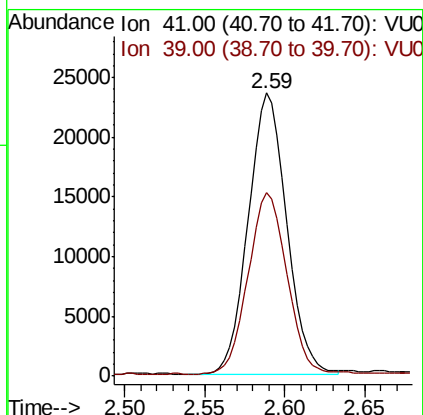
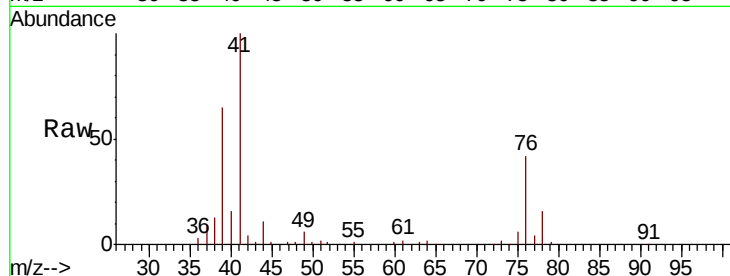




#11
 Allyl Chloride
 Concen: 1.817 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

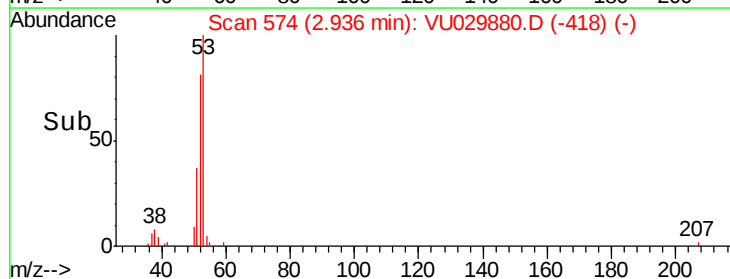
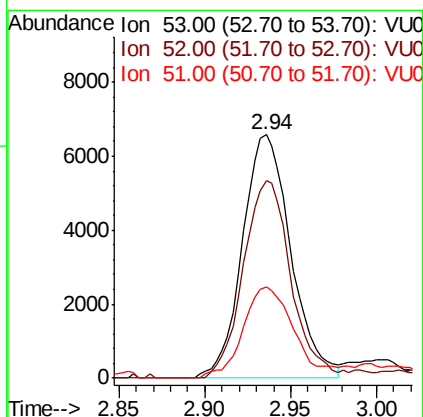
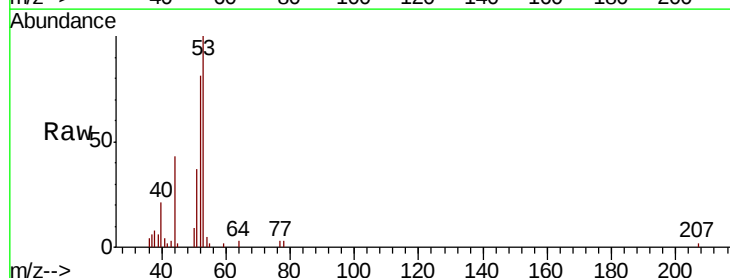
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

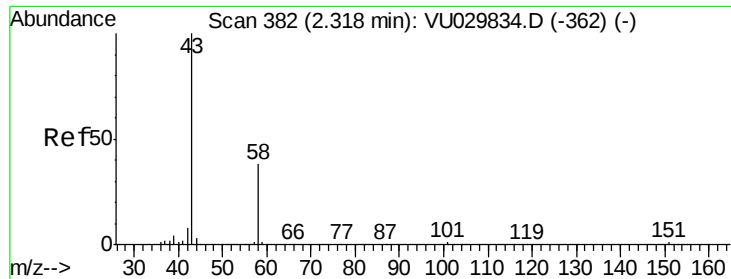
Tgt Ion: 41 Resp: 39172
 Ion Ratio Lower Upper
 41 100
 39 65.3 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.844 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 53 Resp: 12857
 Ion Ratio Lower Upper
 53 100
 52 79.1 66.5 99.7
 51 39.4 28.6 42.8





#13

Acetone

Concen: 9.126 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

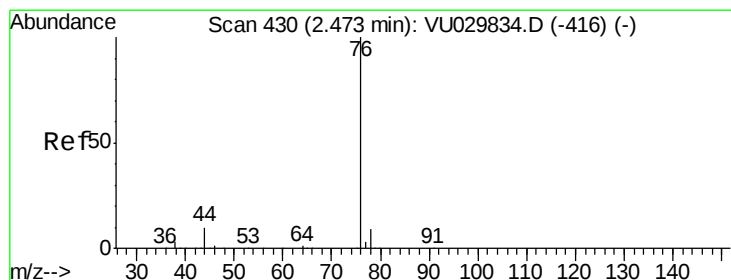
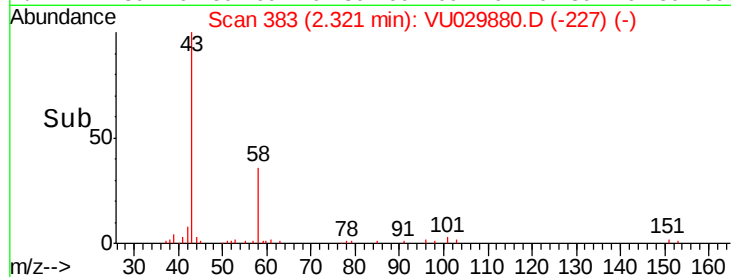
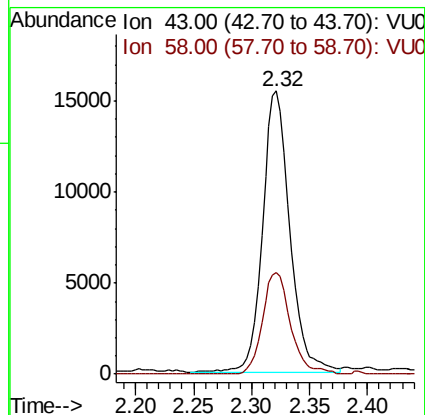
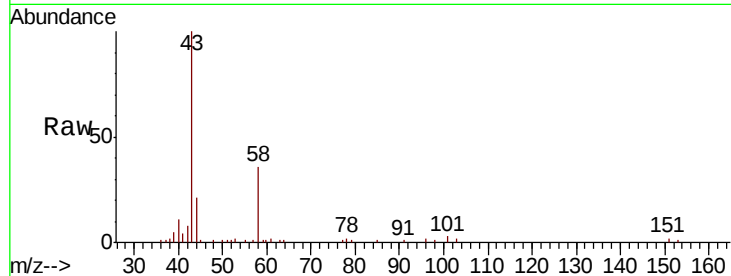
VU0310WBSD01

Tgt Ion: 43 Resp: 25279

Ion Ratio Lower Upper

43 100

58 36.1 30.2 45.2



#14

Carbon Disulfide

Concen: 1.752 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029880.D

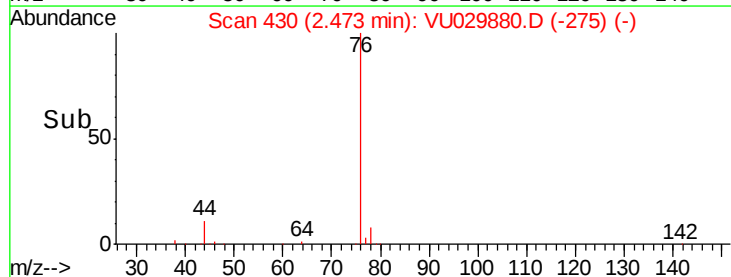
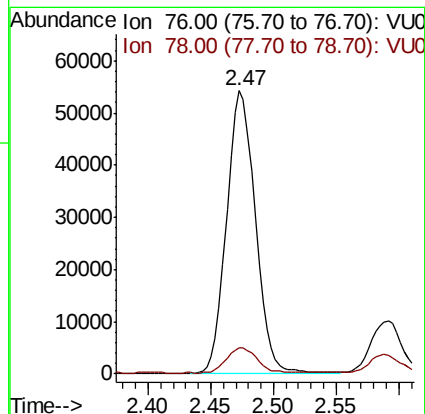
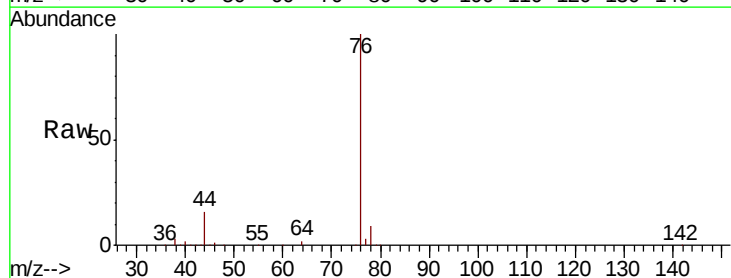
Acq: 08 Mar 2019 11:31

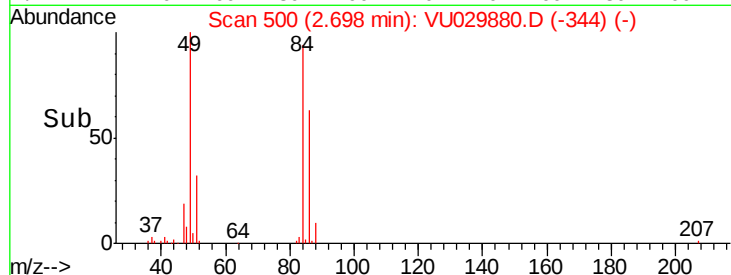
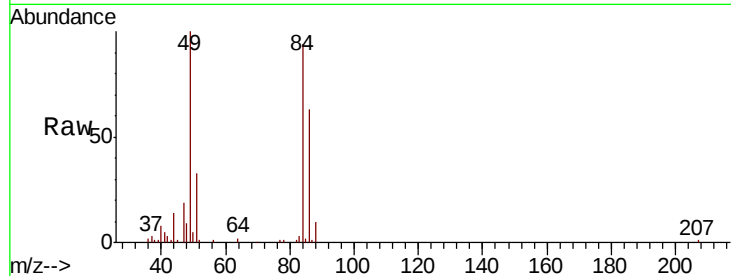
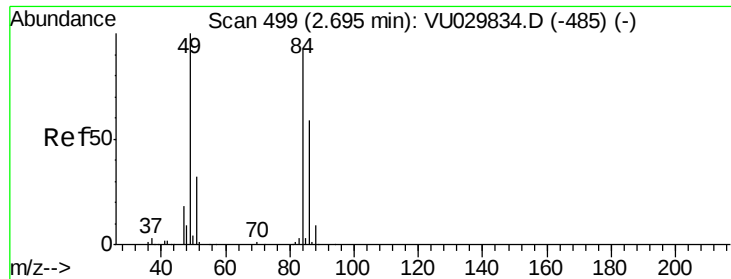
Tgt Ion: 76 Resp: 87050

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

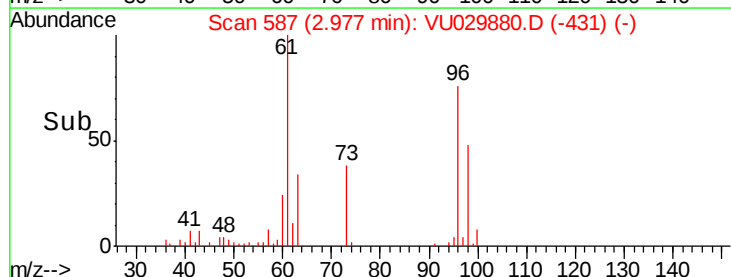
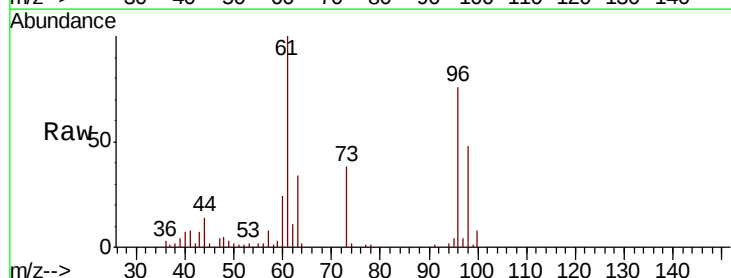
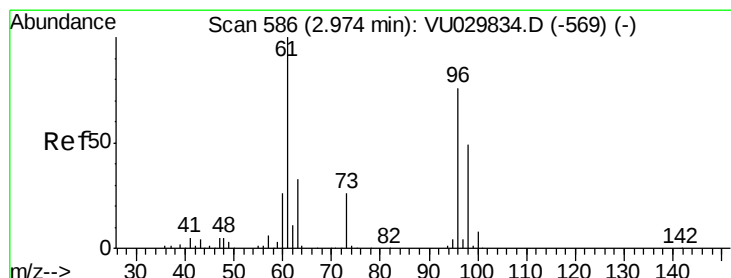
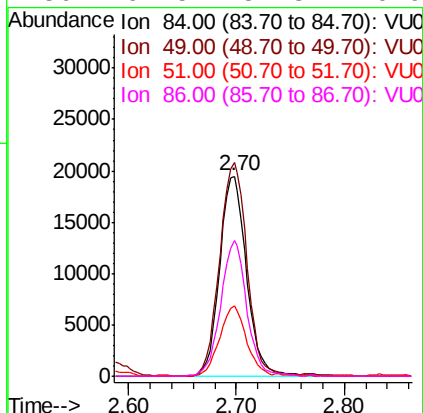




#15
Methylene Chloride
Concen: 1.836 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

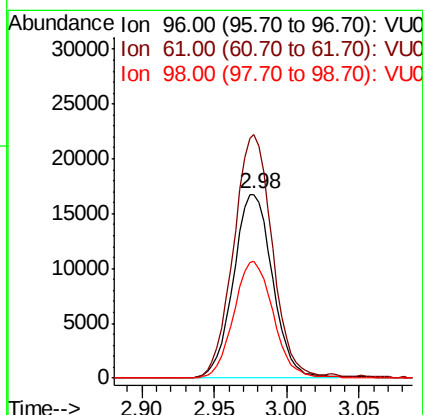
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

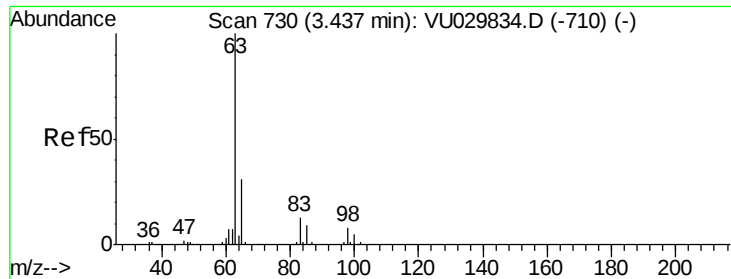
Tgt Ion: 84 Resp: 33784
Ion Ratio Lower Upper
84 100
49 106.6 87.2 130.8
51 34.9 0.0 69.0
86 67.5 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 1.812 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 96 Resp: 31394
Ion Ratio Lower Upper
96 100
61 132.3 104.7 157.1
98 63.2 50.9 76.3





#17

1,1-Dichloroethane

Concen: 1.882 ug/l

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

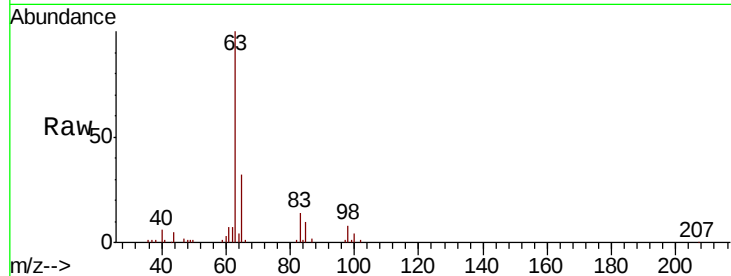
Tgt Ion: 63 Resp: 54551

Ion Ratio Lower Upper

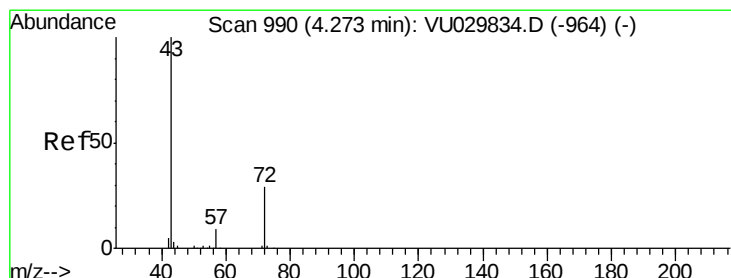
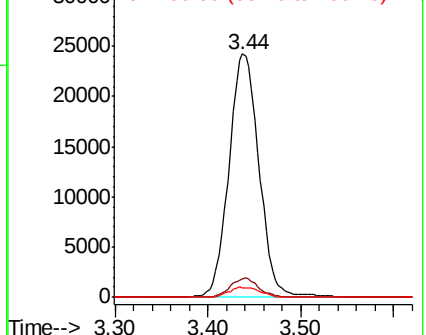
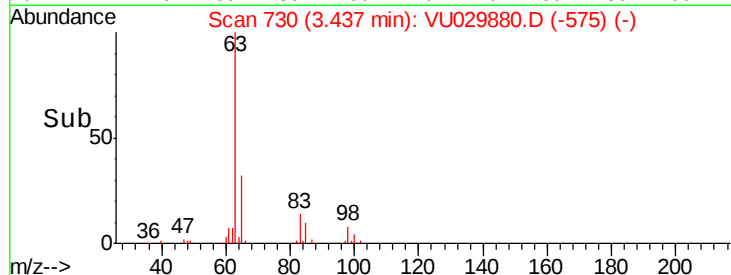
63 100

98 7.7 3.8 11.4

100 4.0 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU029880.D (-575) (-)



#18

2-Butanone

Concen: 9.268 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU029880.D

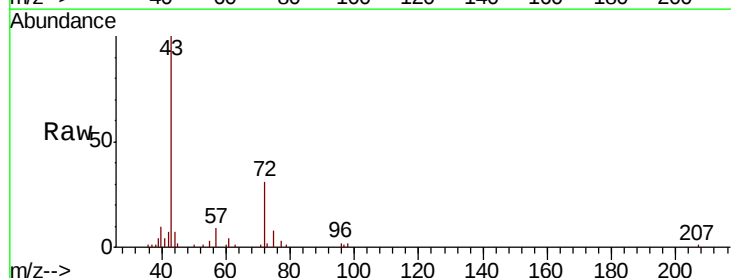
Acq: 08 Mar 2019 11:31

Tgt Ion: 43 Resp: 34888

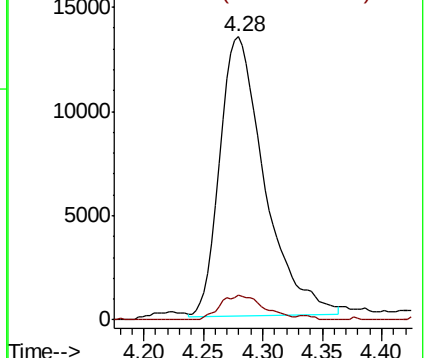
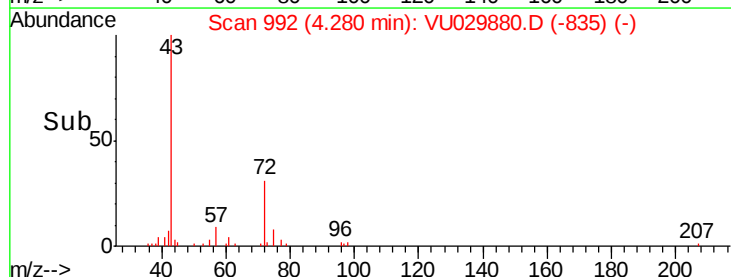
Ion Ratio Lower Upper

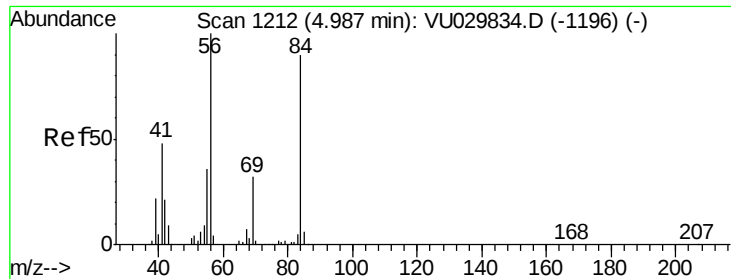
43 100

57 8.9 0.0 18.6



Abundance Ion 43.00 (42.70 to 43.70): VU029880.D (-835) (-)

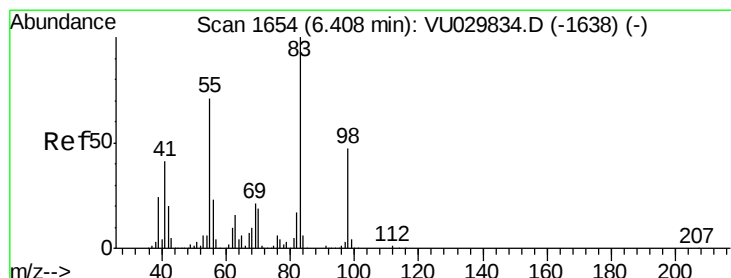
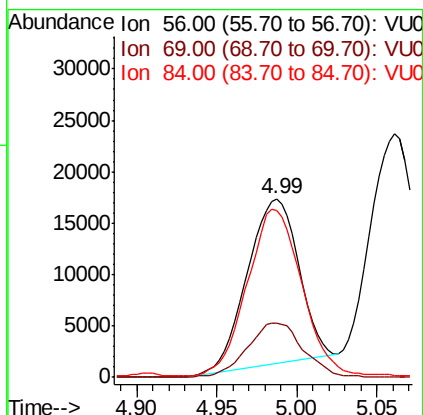
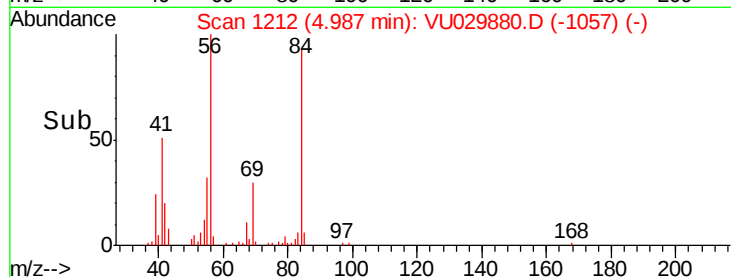
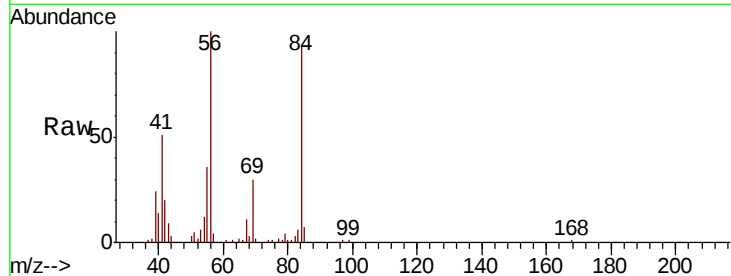




#19
Cyclohexane
Concen: 1.587 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

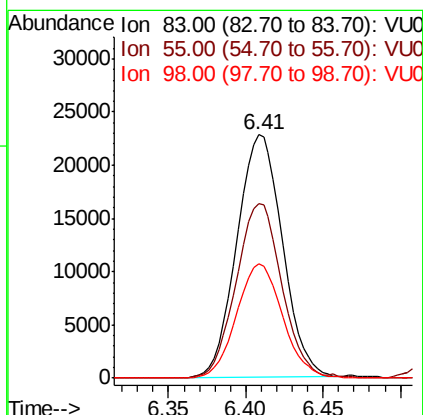
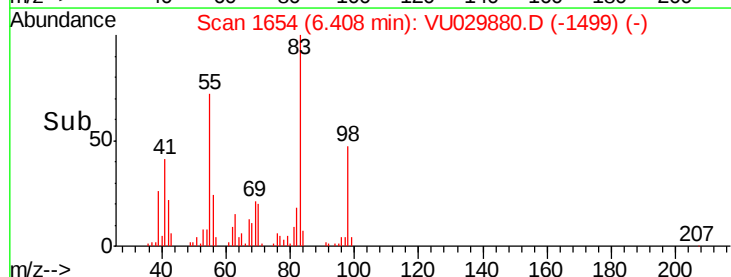
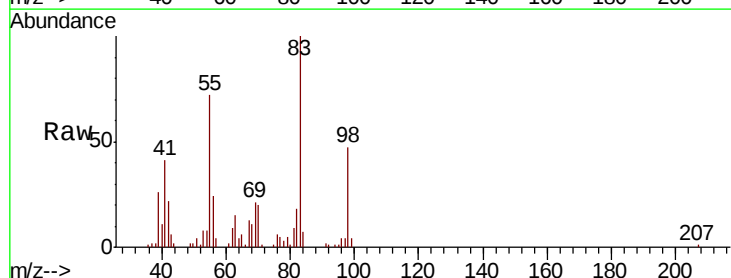
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

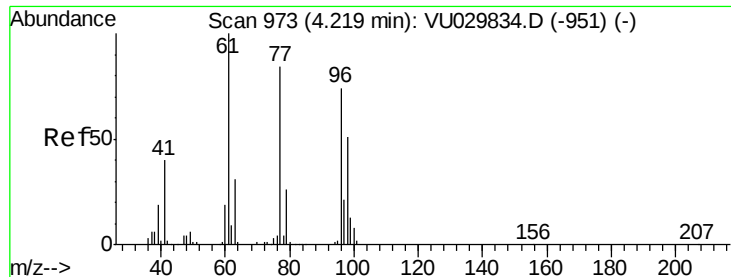
Tgt Ion: 56 Resp: 35724
Ion Ratio Lower Upper
56 100
69 35.9 29.4 44.2
84 106.5 84.6 127.0



#20
Methylcyclohexane
Concen: 1.786 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 83 Resp: 46815
Ion Ratio Lower Upper
83 100
55 72.3 55.9 83.9
98 47.6 37.0 55.4

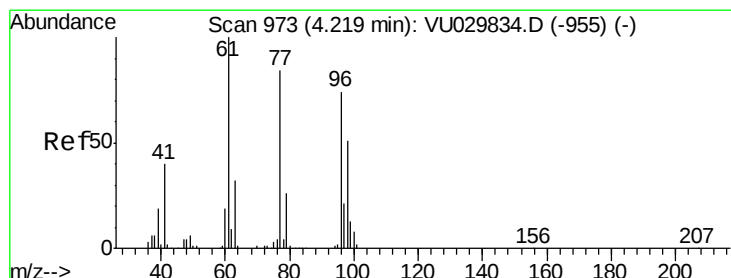
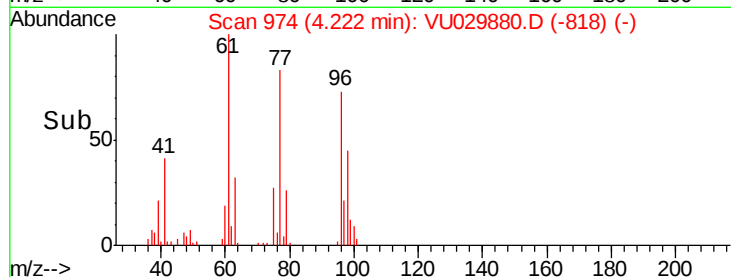
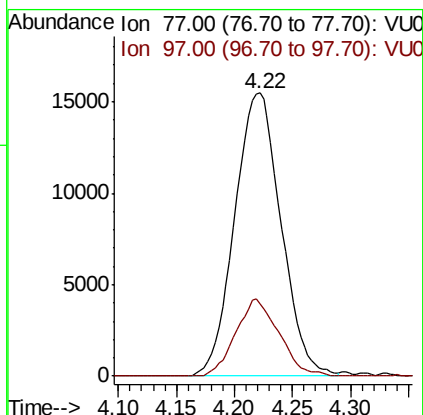
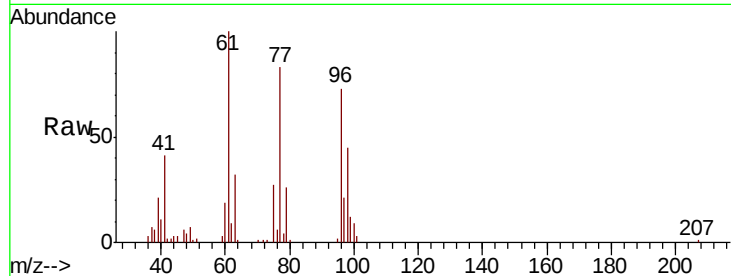




#21
 2,2-Dichloropropane
 Concen: 1.817 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

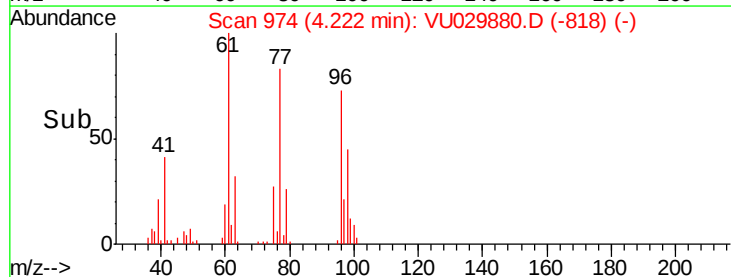
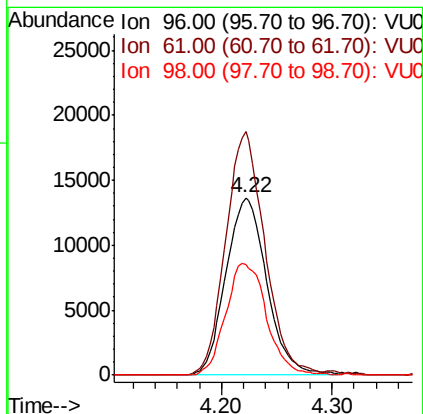
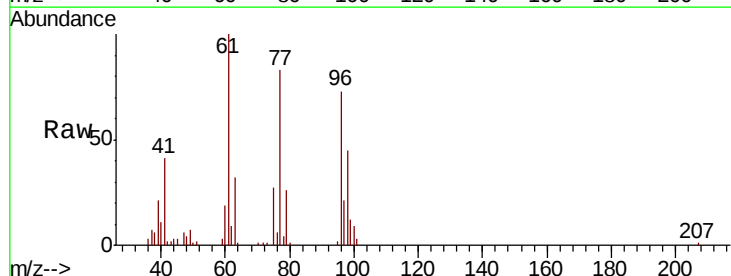
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

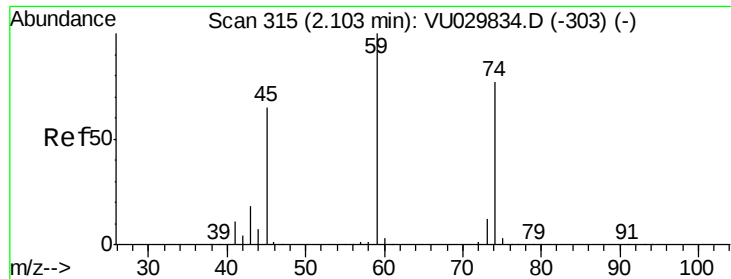
Tgt Ion: 77 Resp: 43062
 Ion Ratio Lower Upper
 77 100
 97 25.4 20.2 30.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.909 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 96 Resp: 35061
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 339.0
 98 62.7 33.1 99.5





#23

Diethyl Ether

Concen: 1.906 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

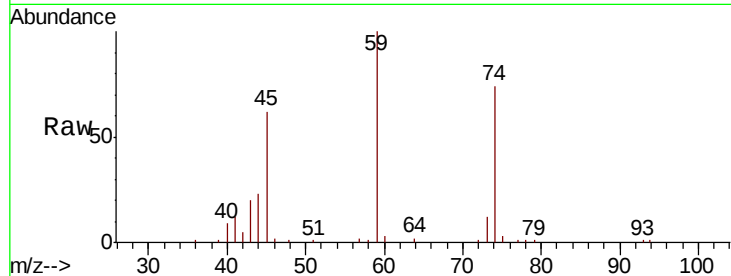
Tgt Ion: 59 Resp: 21912

Ion Ratio Lower Upper

59 100

45 67.1 52.7 79.1

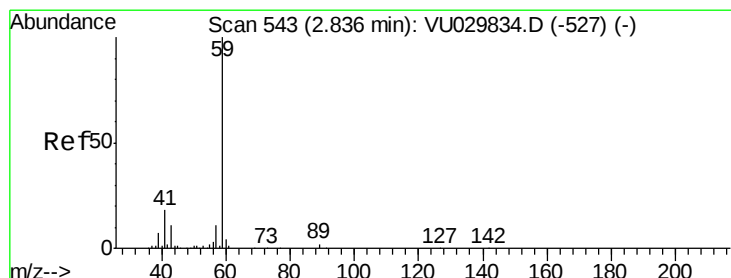
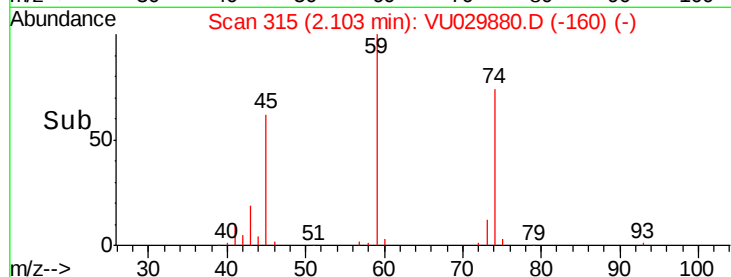
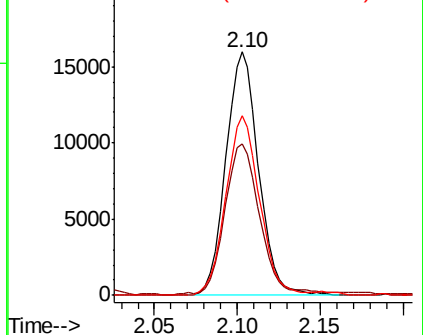
74 75.7 61.8 92.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 20.664 ug/l

RT: 2.84 min Scan# 543

Delta R.T. -0.00 min

Lab File: VU029880.D

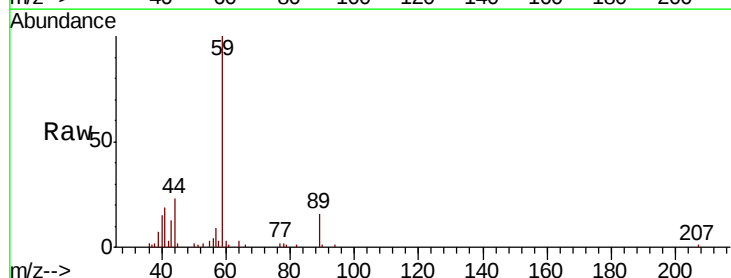
Acq: 08 Mar 2019 11:31

Tgt Ion: 59 Resp: 24511

Ion Ratio Lower Upper

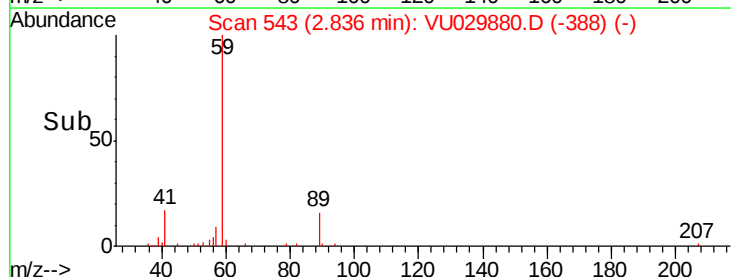
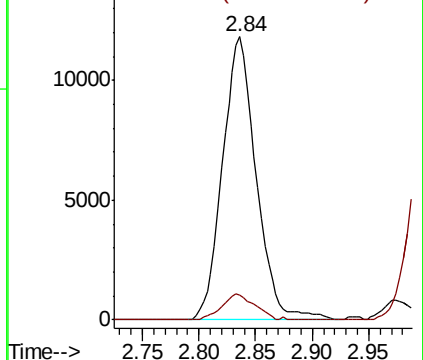
59 100

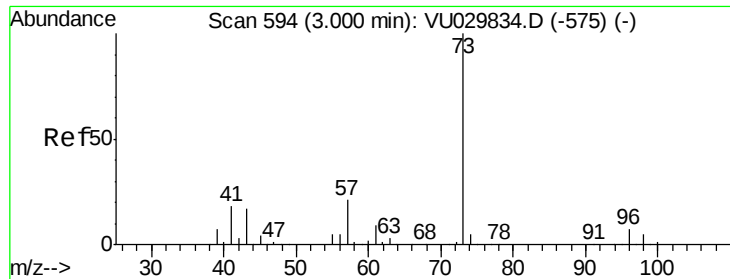
57 8.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.892 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

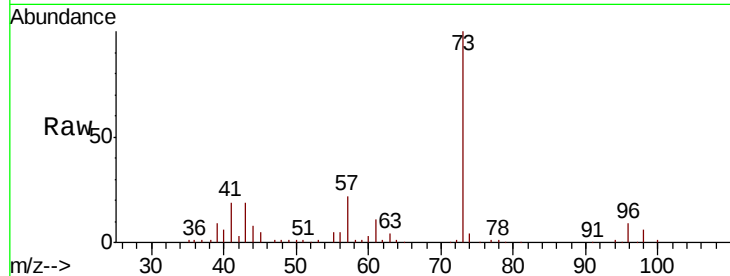
VU0310WBSD01

Tgt Ion: 73 Resp: 73087

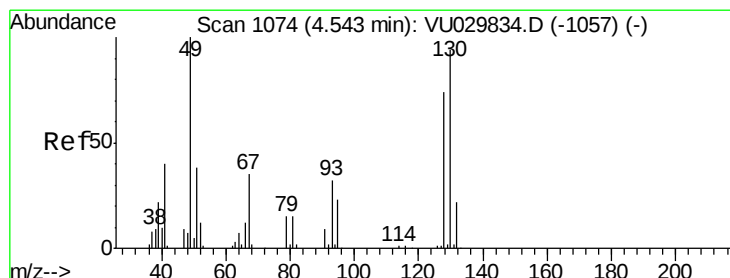
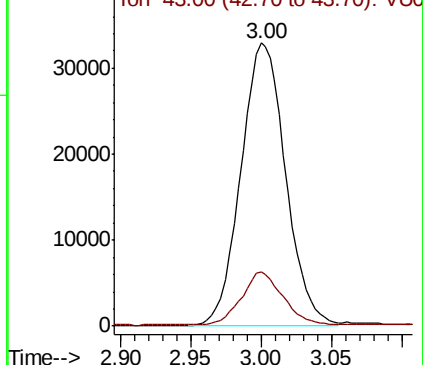
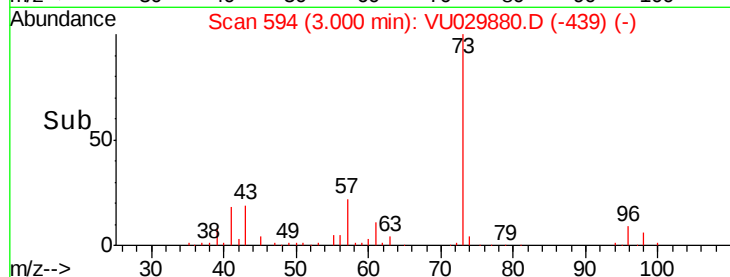
Ion Ratio Lower Upper

73 100

43 16.6 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029880.D (-439) (-)



#26

Bromochloromethane

Concen: 1.961 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

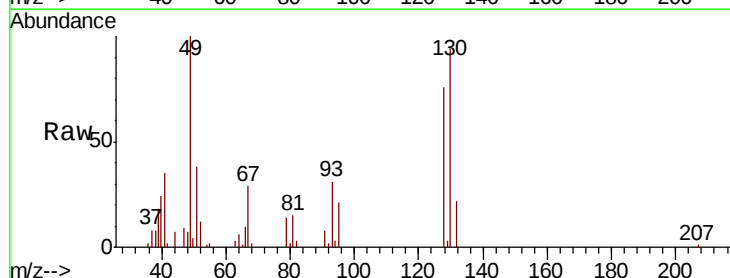
Tgt Ion: 128 Resp: 15985

Ion Ratio Lower Upper

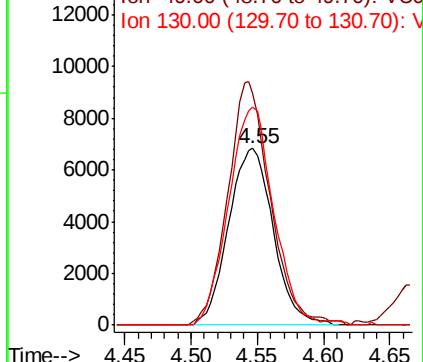
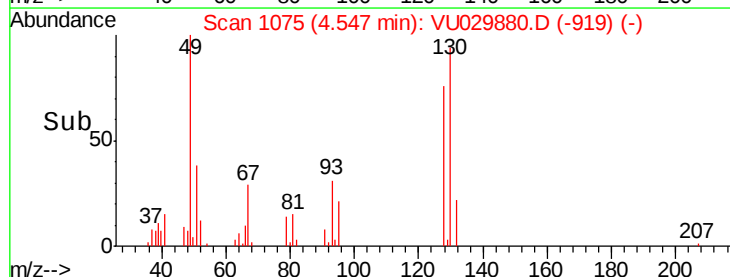
128 100

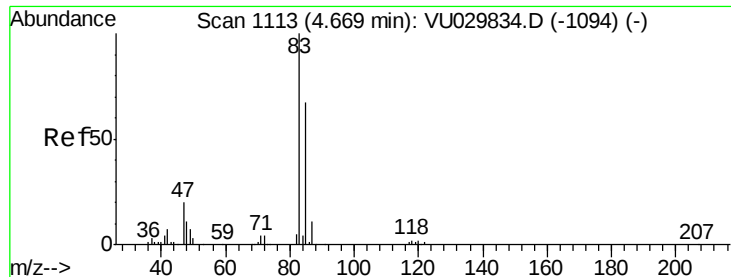
49 131.4 0.0 270.6

130 124.3 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029880.D (-919) (-)





#27

Chloroform

Concen: 1.870 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

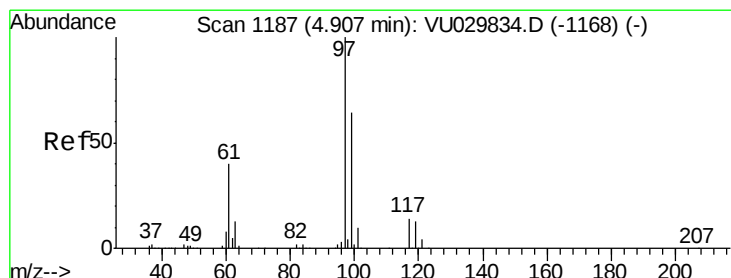
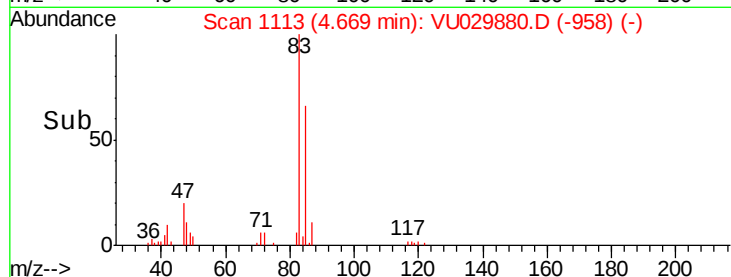
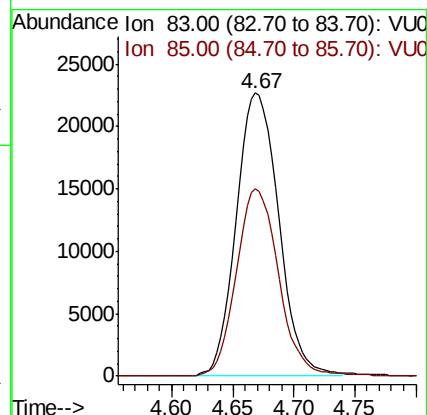
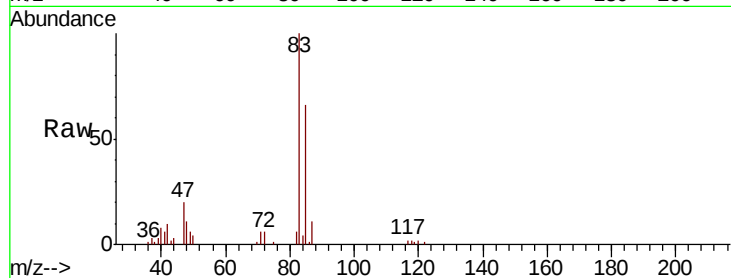
VU0310WBSD01

Tgt Ion: 83 Resp: 54883

Ion Ratio Lower Upper

83 100

85 66.3 0.0 133.2



#28

1,1,1-Trichloroethane

Concen: 1.906 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

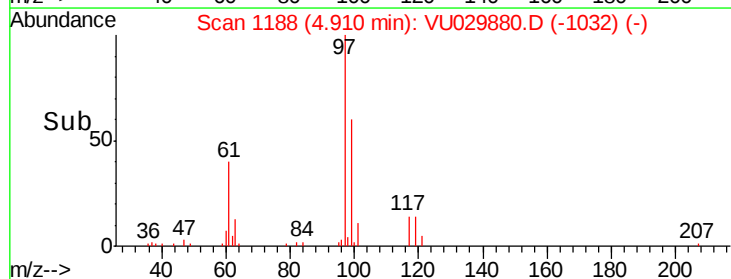
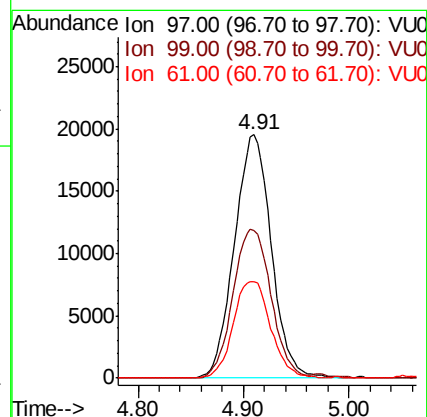
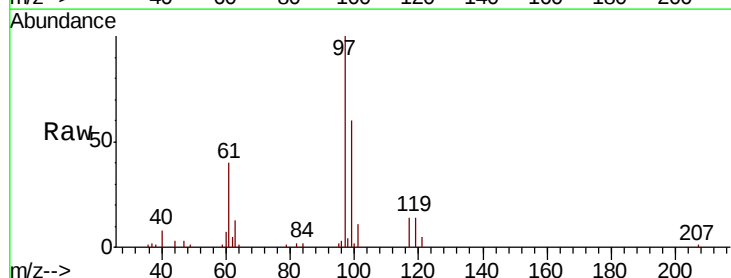
Tgt Ion: 97 Resp: 47449

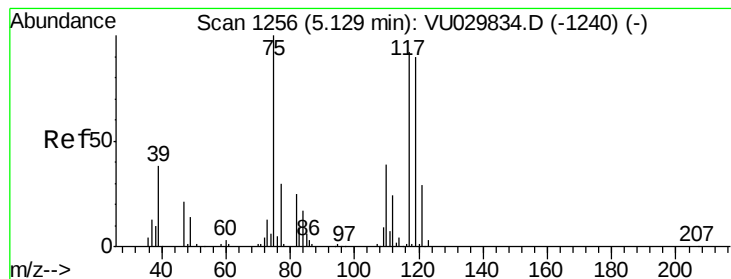
Ion Ratio Lower Upper

97 100

99 63.1 31.9 95.9

61 40.4 20.4 61.3





#29

1,1-Dichloropropene

Concen: 1.838 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

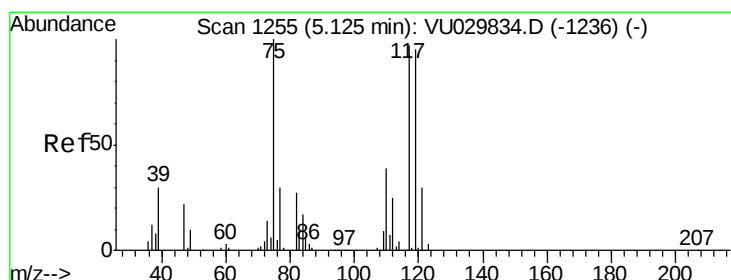
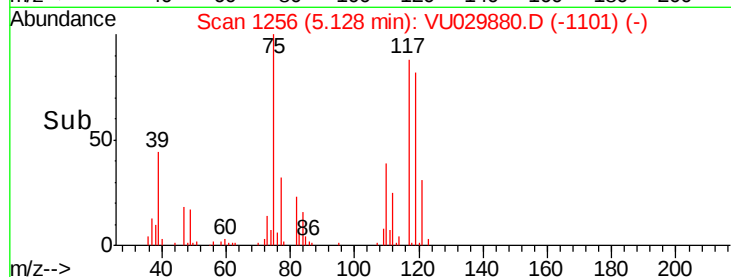
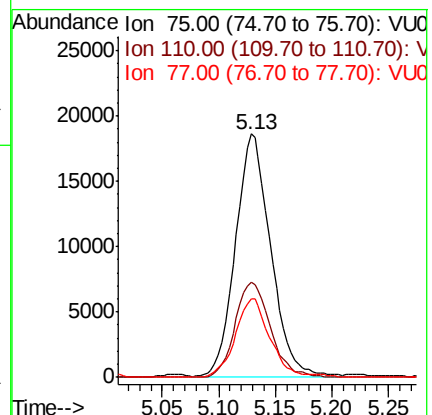
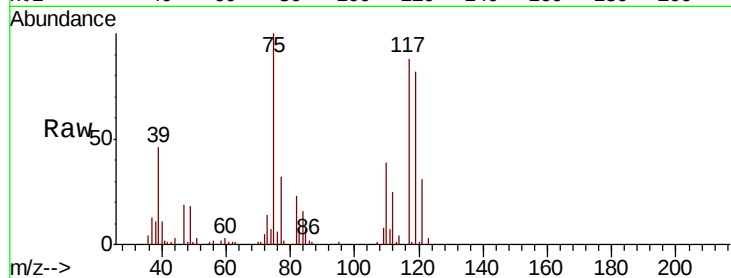
Tgt Ion: 75 Resp: 40653

Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.5

77 31.7 23.9 35.9



#30

Carbon Tetrachloride

Concen: 1.822 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

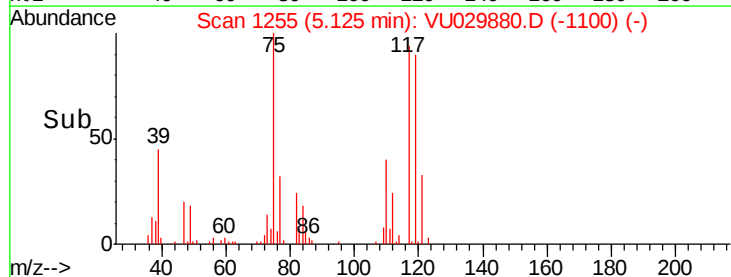
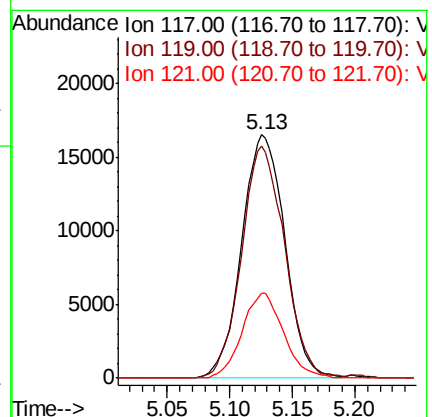
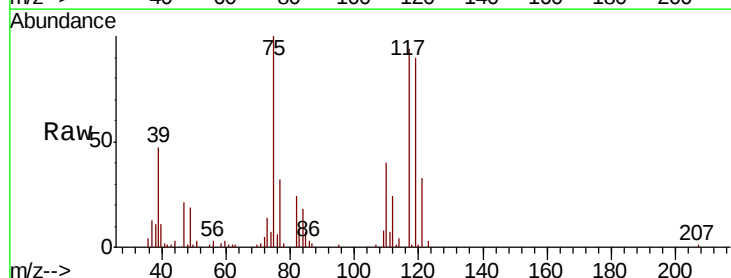
Tgt Ion: 117 Resp: 39564

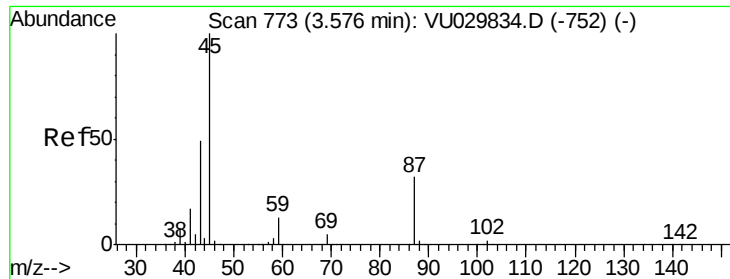
Ion Ratio Lower Upper

117 100

119 95.1 78.4 117.6

121 34.8 25.0 37.4

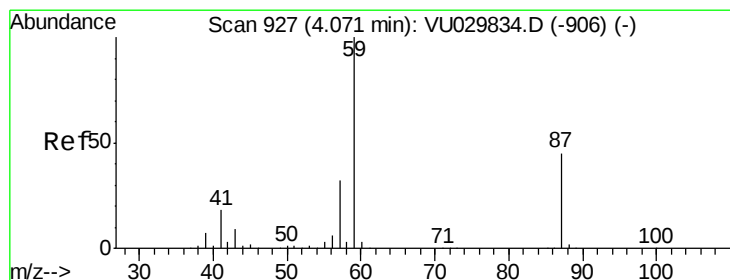
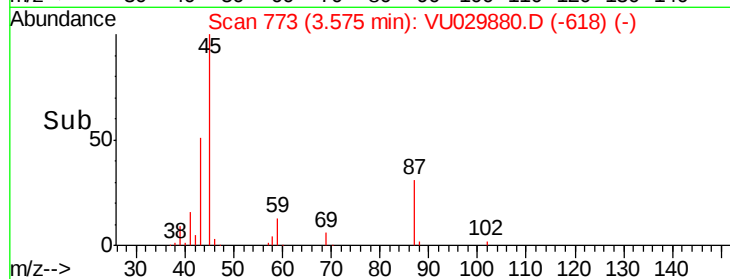
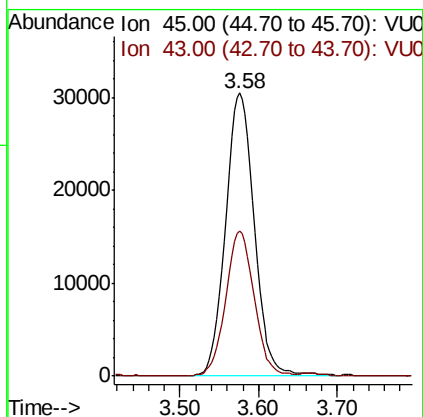
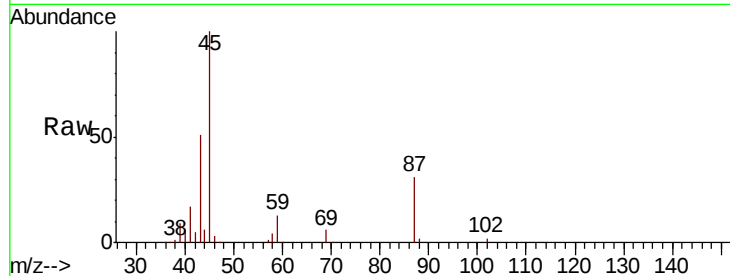




#31
Isopropyl Ether
Concen: 1.934 ug/l
RT: 3.58 min Scan# 773
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

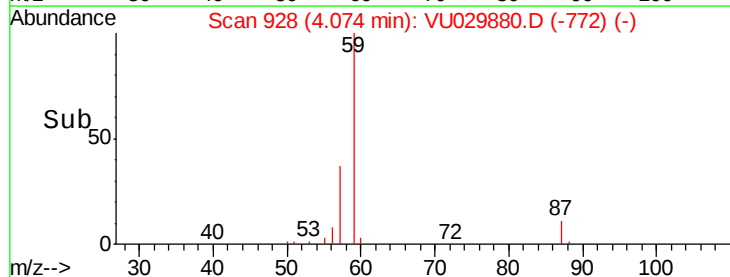
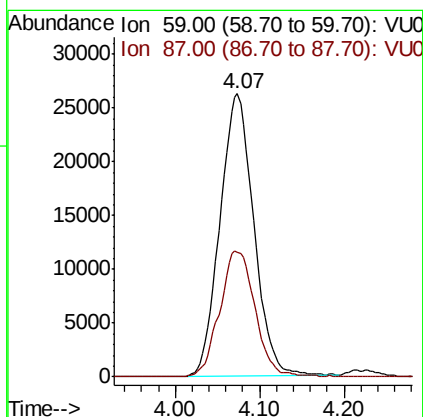
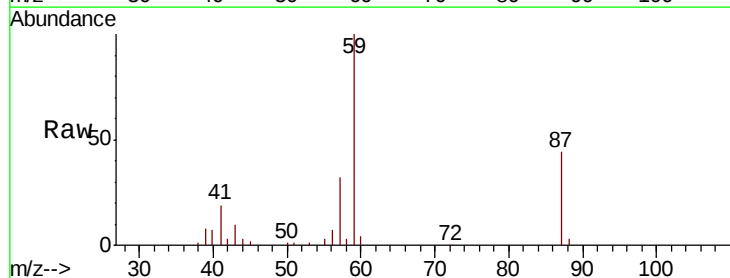
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

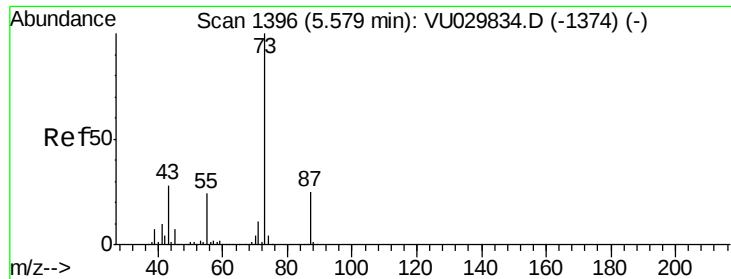
Tgt Ion: 45 Resp: 77310
Ion Ratio Lower Upper
45 100
43 50.7 24.3 72.9



#32
Ethyl-t-butyl ether
Concen: 1.885 ug/l
RT: 4.07 min Scan# 928
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 59 Resp: 73260
Ion Ratio Lower Upper
59 100
87 45.9 36.2 54.4

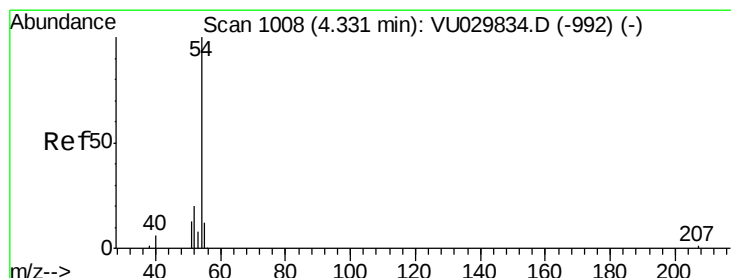
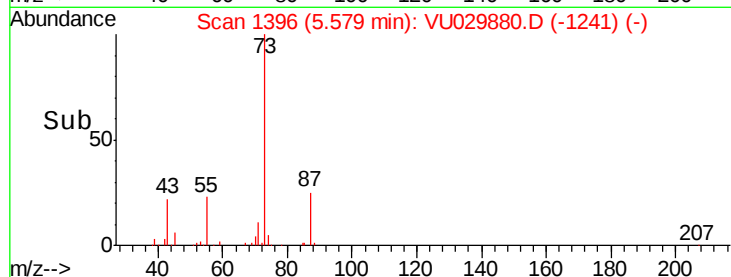
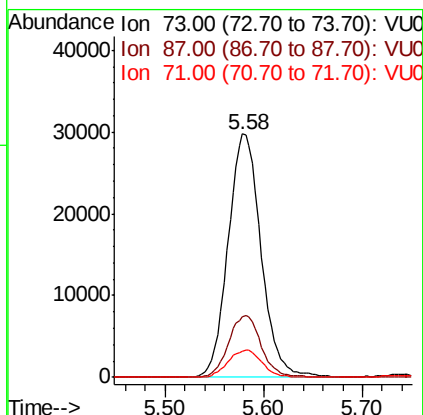
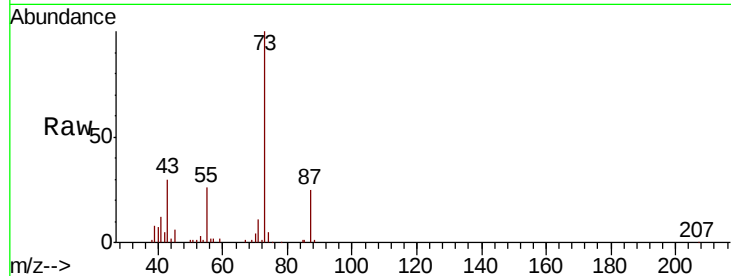




#33
Tert-Amyl methyl ether
Concen: 1.926 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

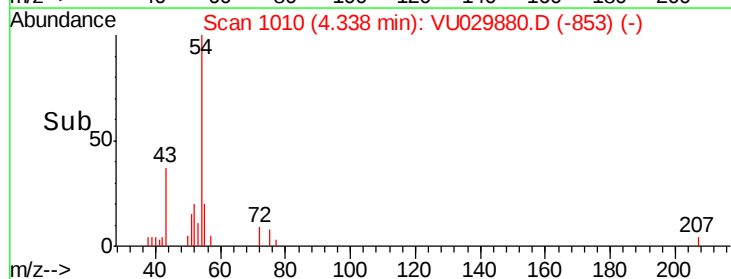
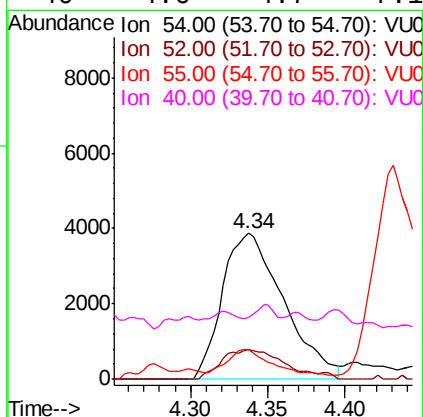
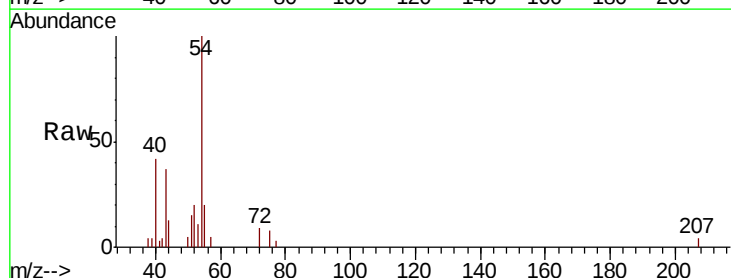
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

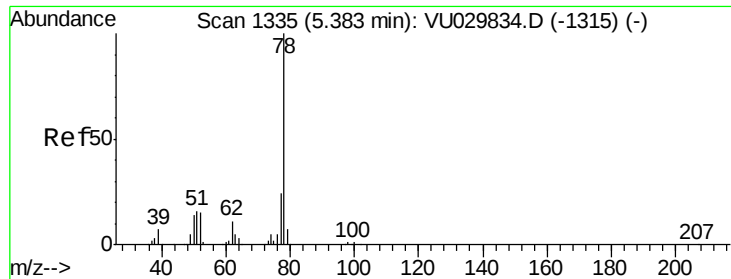
Tgt Ion: 73 Resp: 69204
Ion Ratio Lower Upper
73 100
87 25.0 19.7 29.5
71 11.4 9.4 14.2



#34
Propionitrile
Concen: 9.506 ug/l
RT: 4.34 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 54 Resp: 10644
Ion Ratio Lower Upper
54 100
52 20.2 16.1 24.1
55 12.2 11.2 16.8
40 4.6 4.7 7.1#





#35

Benzene

Concen: 1.879 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

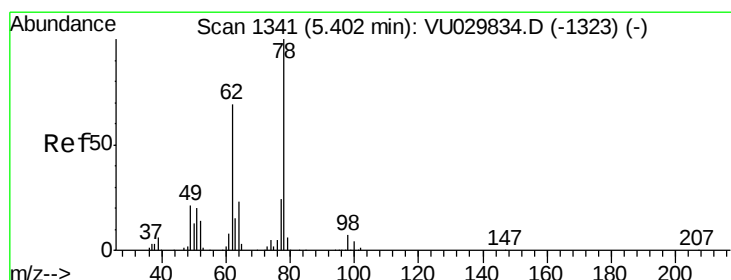
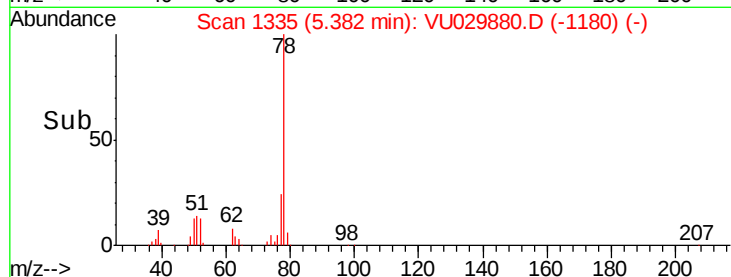
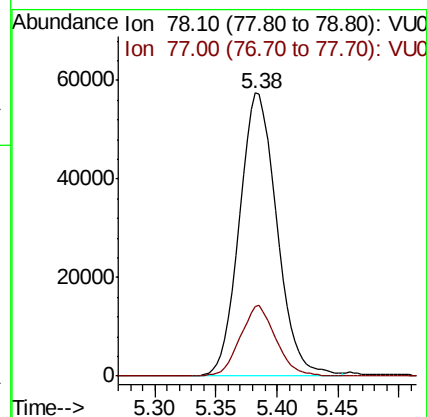
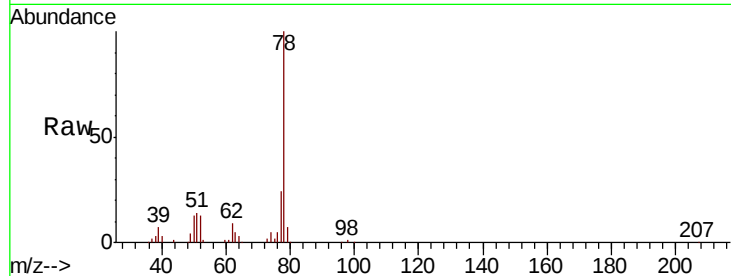
VU0310WBSD01

Tgt Ion: 78 Resp: 122420

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#36

1,2-Dichloroethane

Concen: 1.884 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029880.D

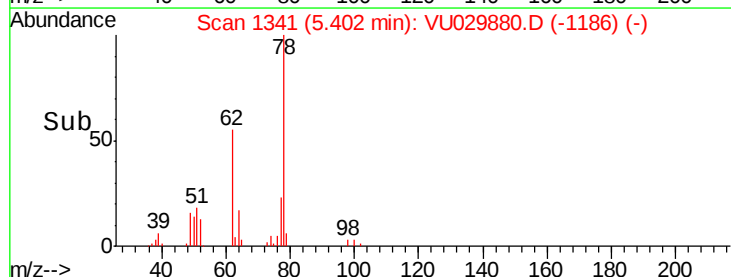
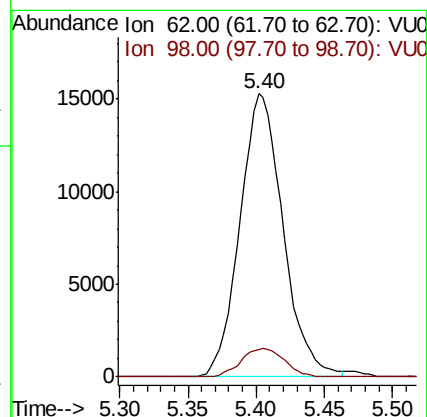
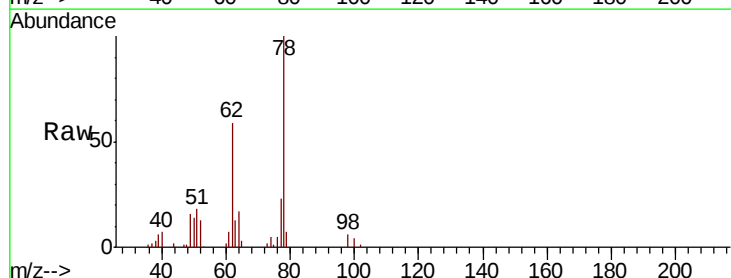
Acq: 08 Mar 2019 11:31

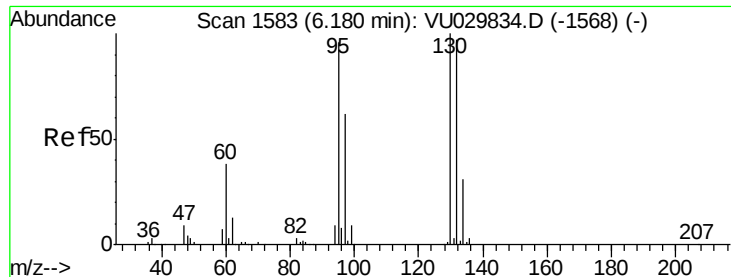
Tgt Ion: 62 Resp: 33520

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2

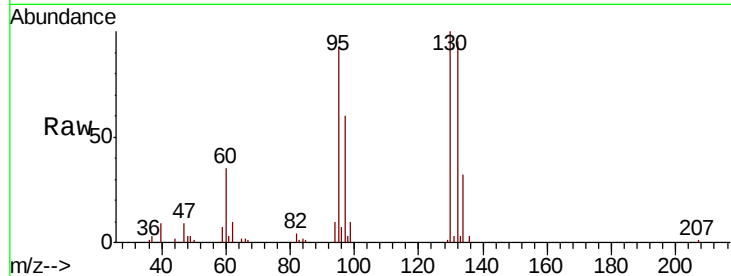




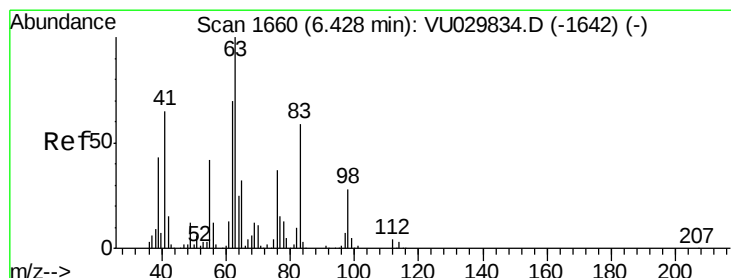
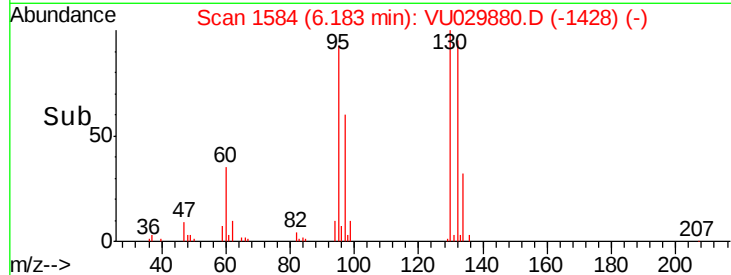
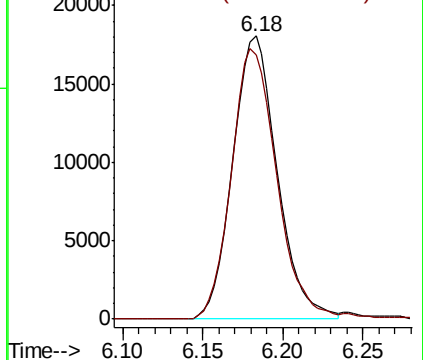
#37
 Trichloroethene
 Concen: 1.801 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tgt Ion: 130 Resp: 34266
 Ion Ratio Lower Upper
 130 100
 95 93.4 76.6 114.8

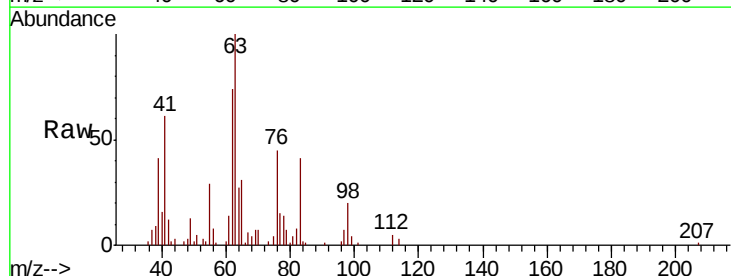


Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU029880.D (-1428) (-)

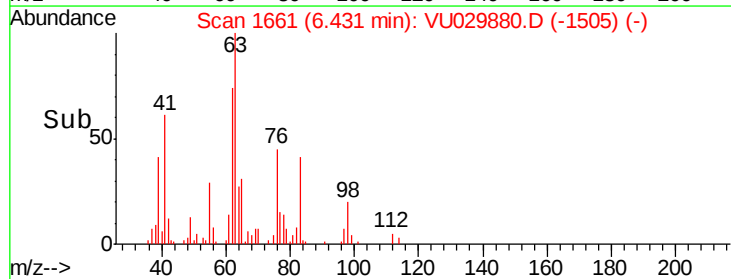
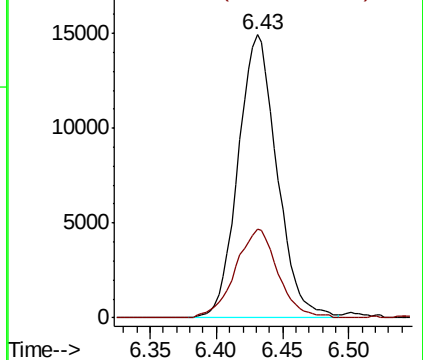


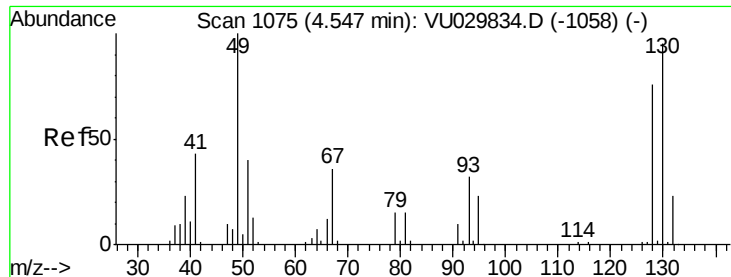
#38
 1,2-Dichloropropane
 Concen: 1.845 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 63 Resp: 30426
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)
 Ion 65.00 (64.70 to 65.70): VU029880.D (-1505) (-)

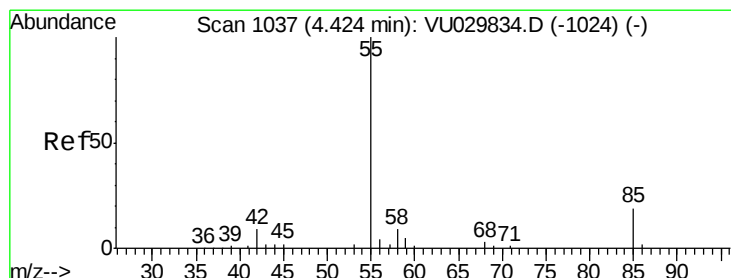
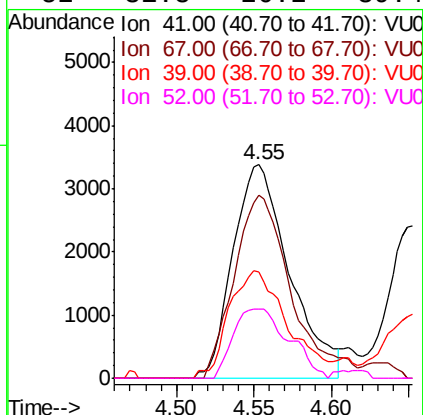
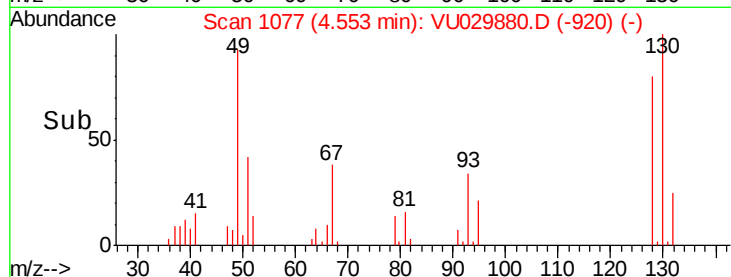
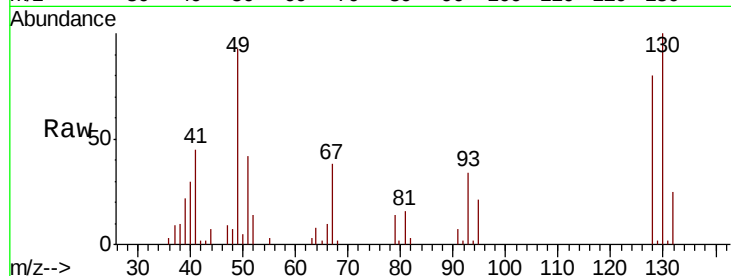




#39
Methacrylonitrile
Concen: 1.826 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

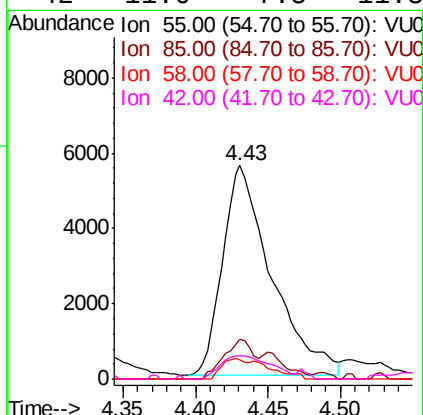
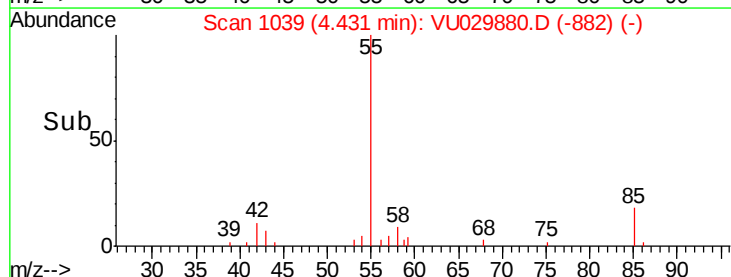
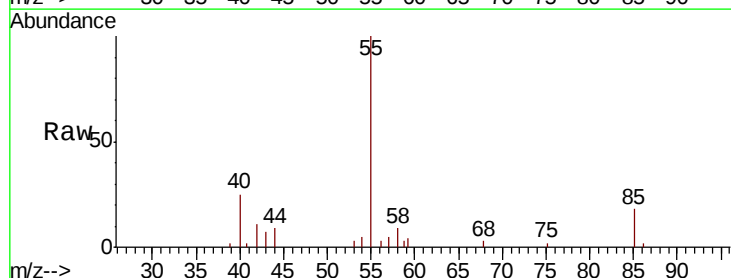
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

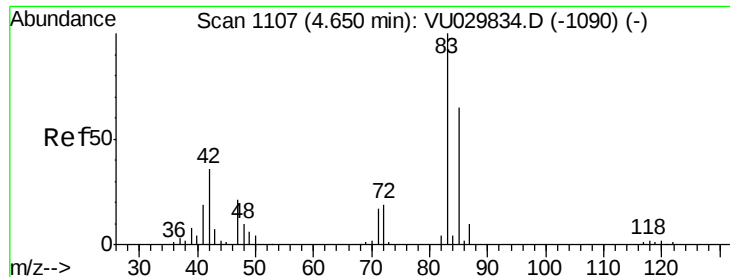
Tgt Ion:	41	Resp:	8599
Ion	Ratio	Lower	Upper
41	100		
67	86.3	68.4	102.6
39	51.8	42.6	63.8
52	31.8	26.2	39.4



#40
Methyl acrylate
Concen: 1.738 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:	55	Resp:	12940
Ion	Ratio	Lower	Upper
55	100		
85	11.5	15.2	22.8#
58	5.1	7.6	11.4#
42	11.6	7.5	11.3#





#41

Tetrahydrofuran

Concen: 3.710 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

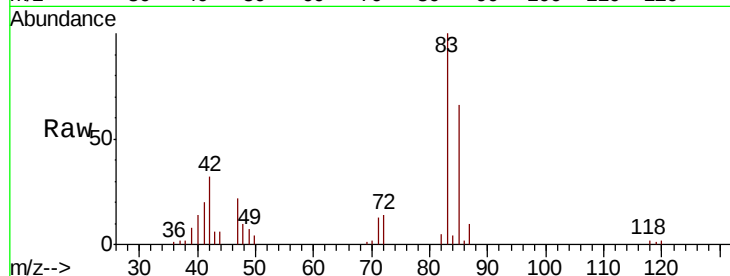
Tgt Ion: 42 Resp: 9140

Ion Ratio Lower Upper

42 100

72 51.2 43.6 65.4

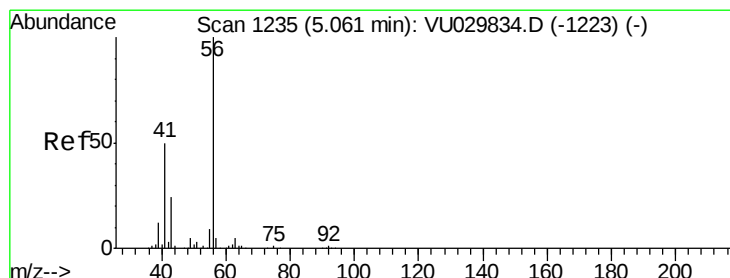
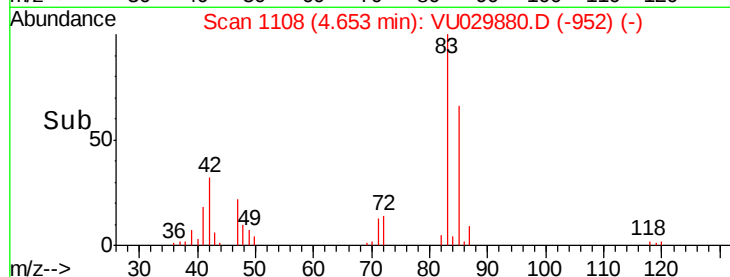
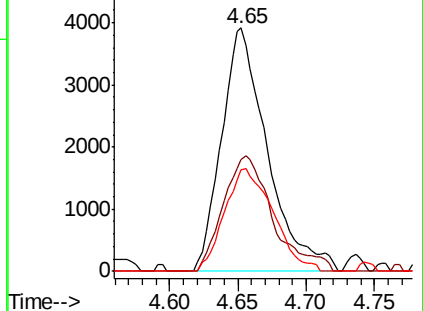
71 44.5 37.5 56.3



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.804 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029880.D

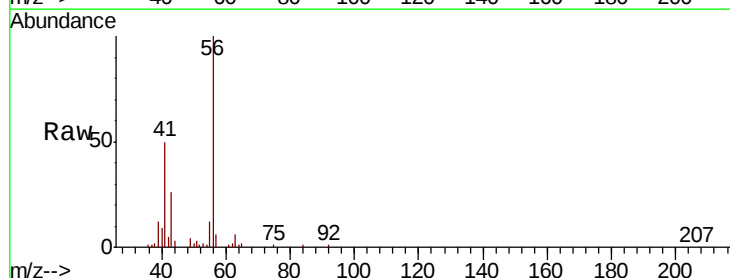
Acq: 08 Mar 2019 11:31

Tgt Ion: 56 Resp: 50985

Ion Ratio Lower Upper

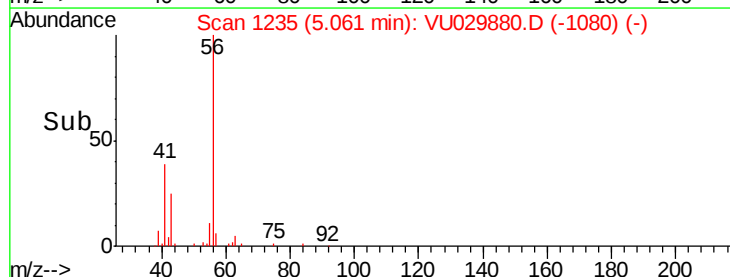
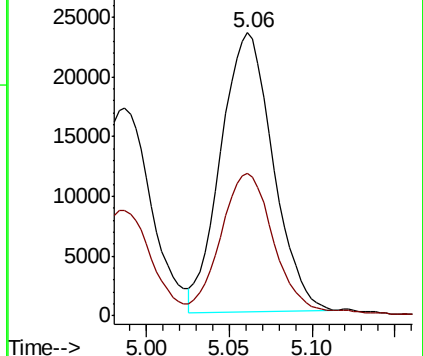
56 100

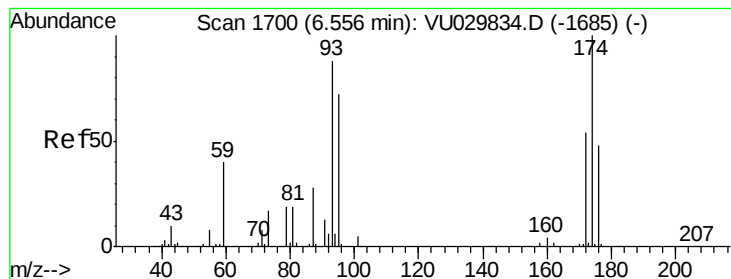
41 49.5 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.934 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

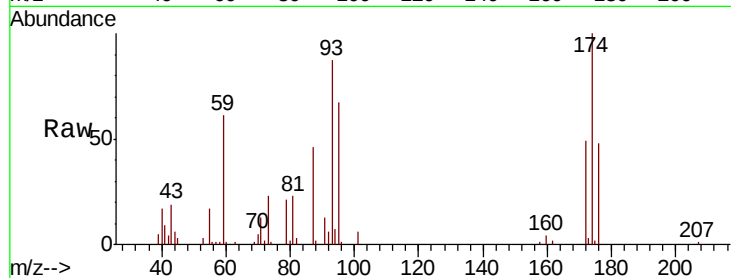
Tgt Ion: 93 Resp: 16534

Ion Ratio Lower Upper

93 100

95 81.1 67.0 100.6

174 113.5 91.4 137.2

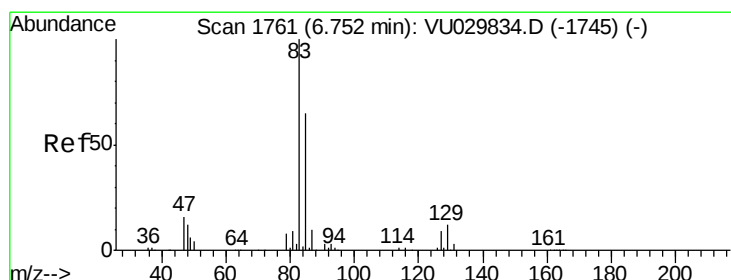
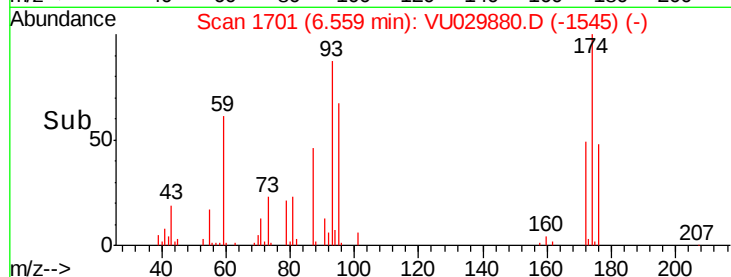
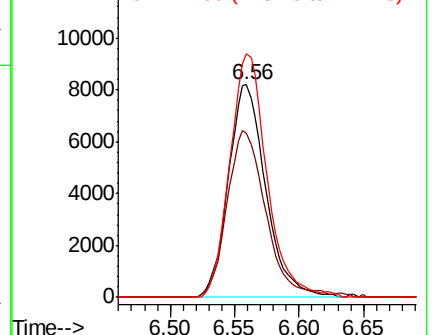


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.869 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

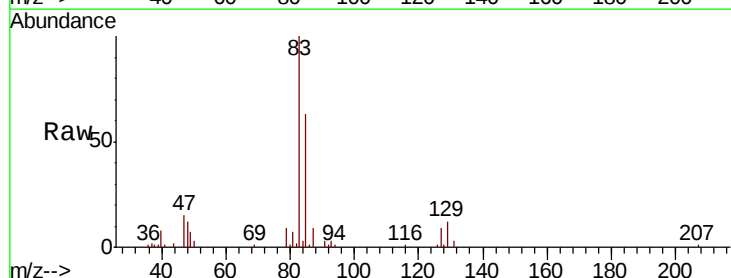
Tgt Ion: 83 Resp: 39242

Ion Ratio Lower Upper

83 100

85 62.8 51.7 77.5

127 8.8 7.4 11.2

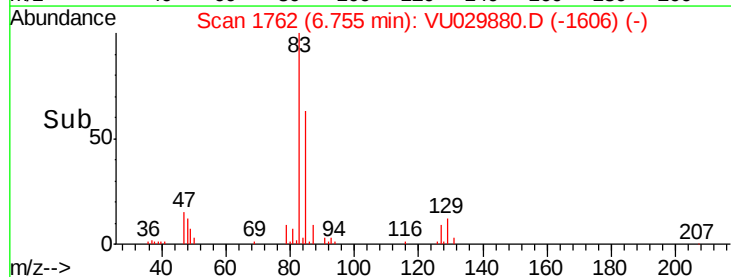
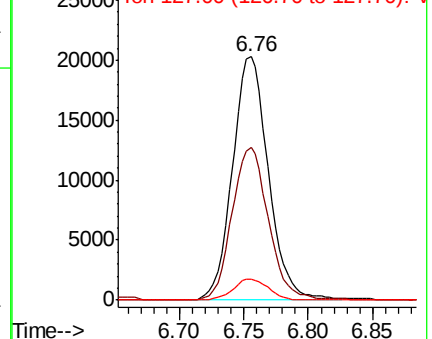


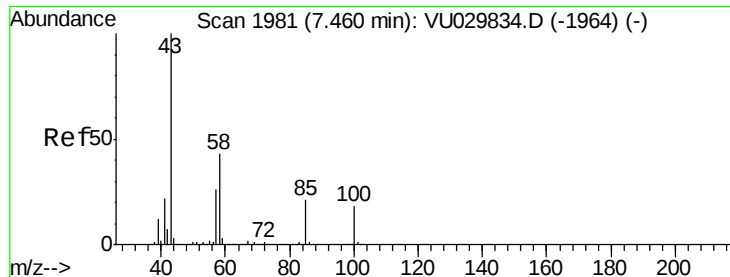
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

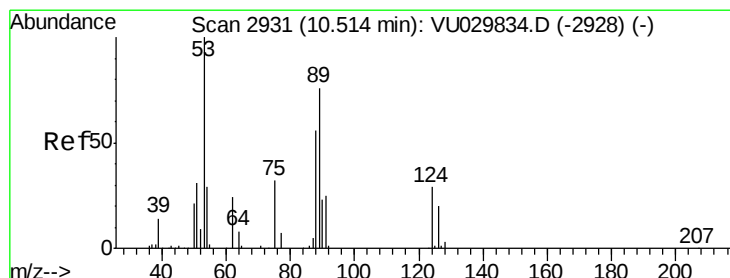
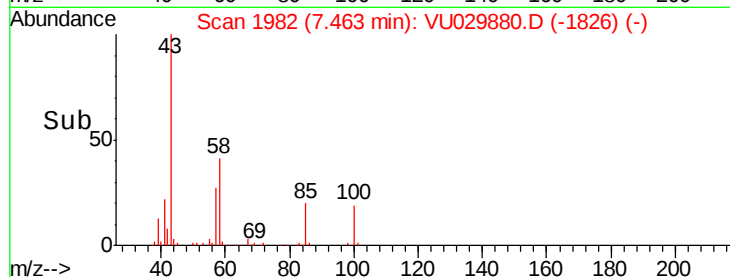
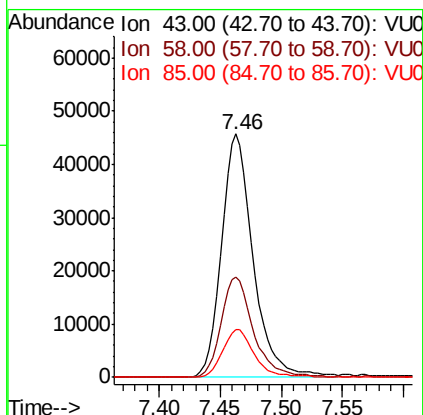
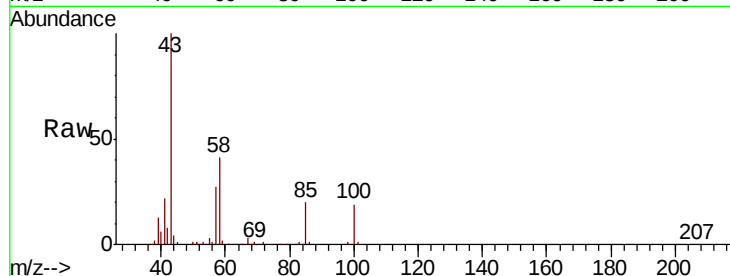




#45
 4-Methyl-2-Pentanone
 Concen: 9.345 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

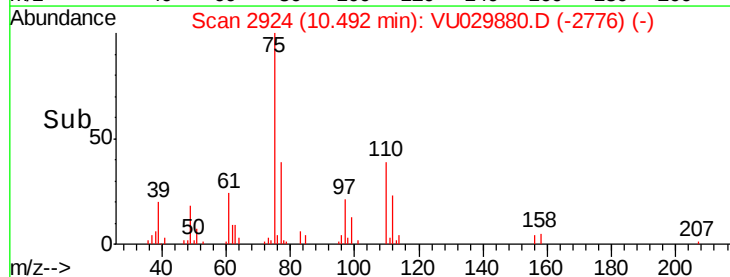
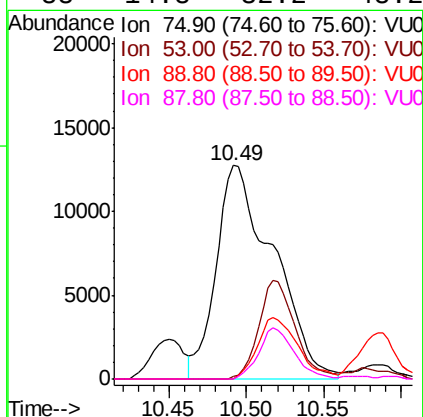
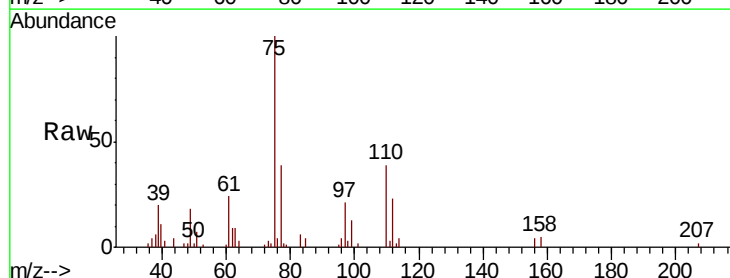
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

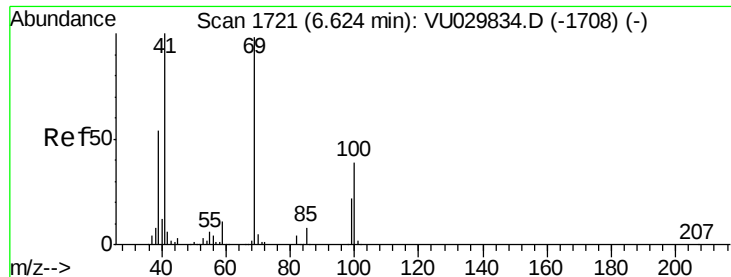
Tgt Ion: 43 Resp: 83314
 Ion Ratio Lower Upper
 43 100
 58 41.8 21.6 65.0
 85 19.6 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 8.782 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 75 Resp: 32731
 Ion Ratio Lower Upper
 75 100
 53 29.2 59.2 88.8#
 89 20.4 44.9 67.3#
 88 14.8 32.2 48.2#

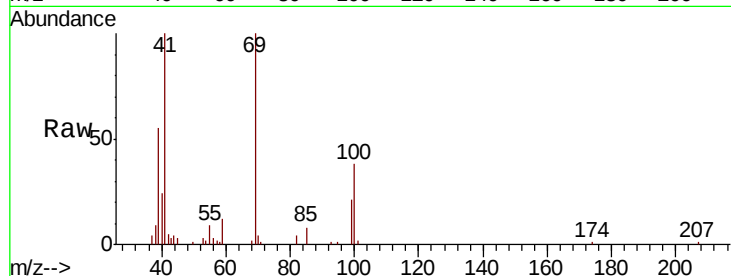




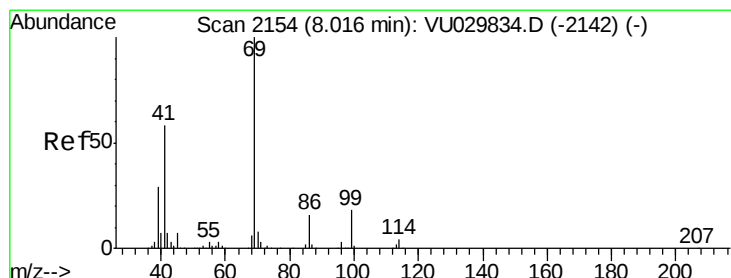
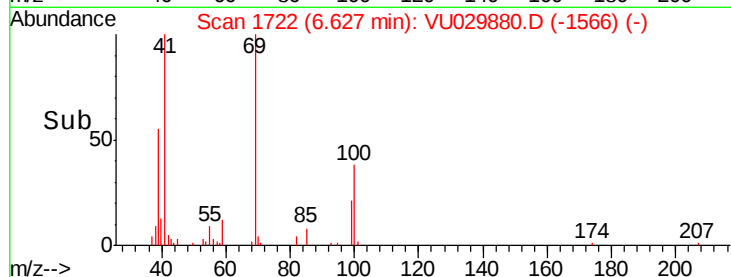
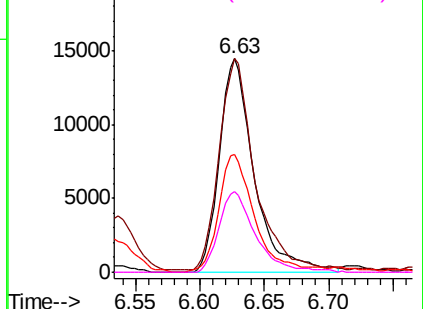
#47
Methyl methacrylate
Concen: 3.703 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tgt Ion: 69 Resp: 27162
Ion Ratio Lower Upper
69 100
41 101.2 0.0 201.0
39 55.6 43.3 64.9
100 39.6 31.5 47.3

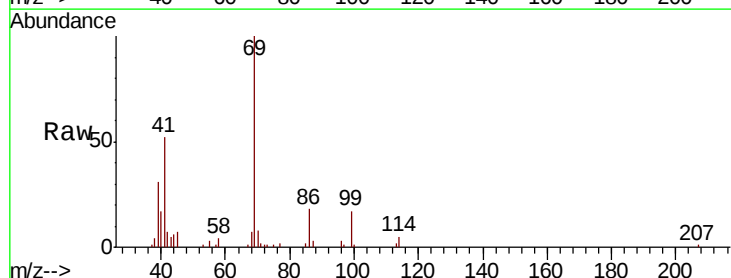


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

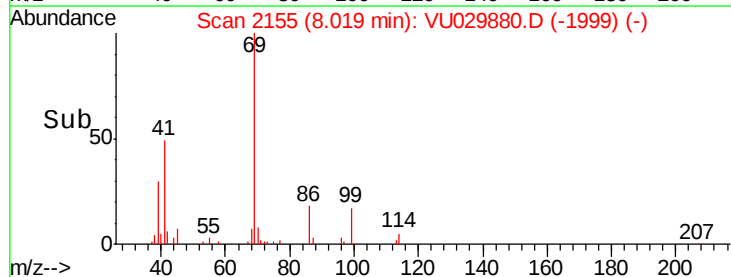
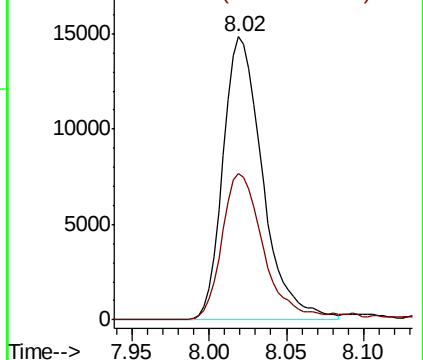


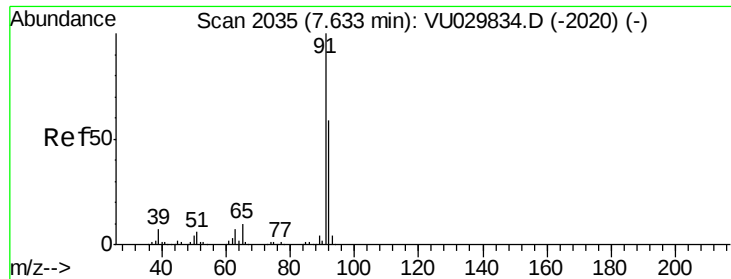
#48
Ethyl methacrylate
Concen: 1.873 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 69 Resp: 26326
Ion Ratio Lower Upper
69 100
41 53.8 29.0 87.1



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





#49

Toluene

Concen: 1.860 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

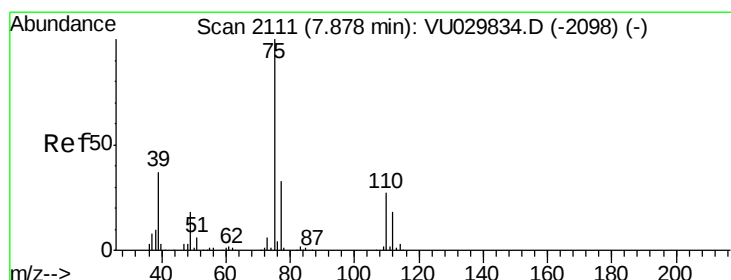
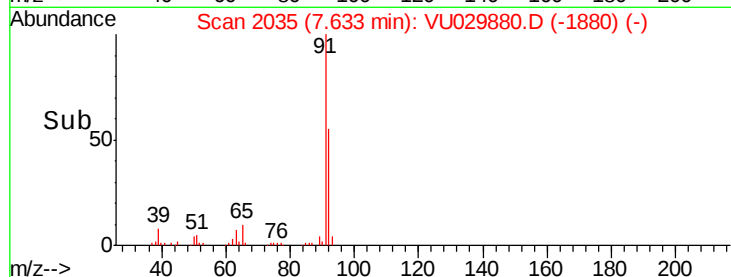
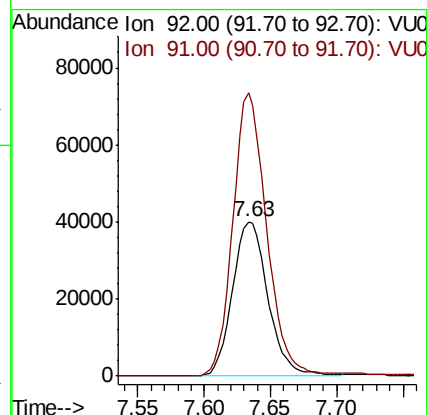
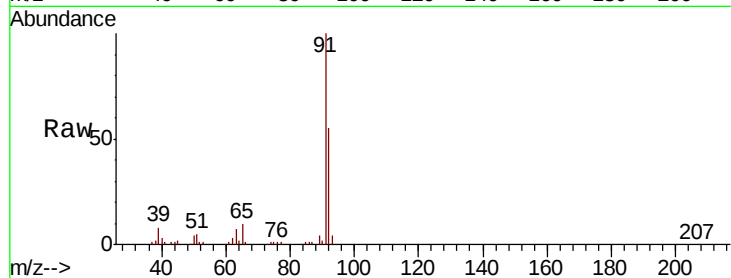
VU0310WBSD01

Tgt Ion: 92 Resp: 74427

Ion Ratio Lower Upper

92 100

91 174.3 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.797 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029880.D

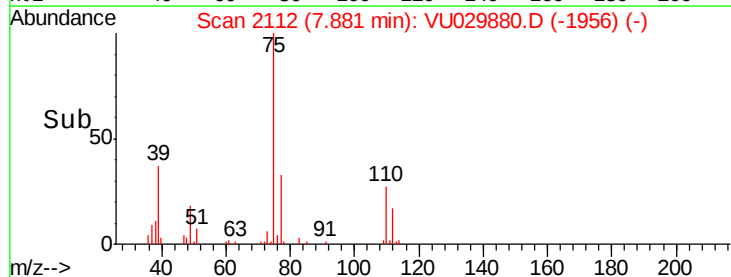
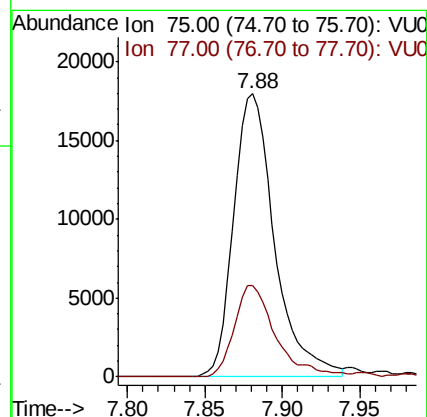
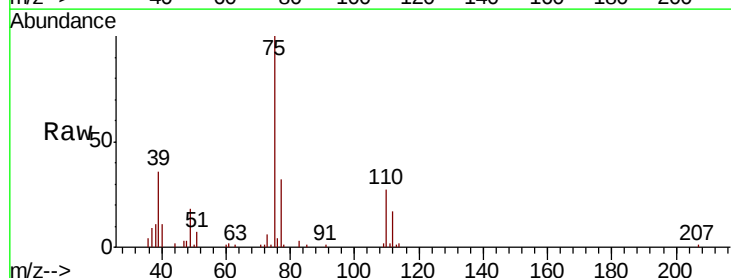
Acq: 08 Mar 2019 11:31

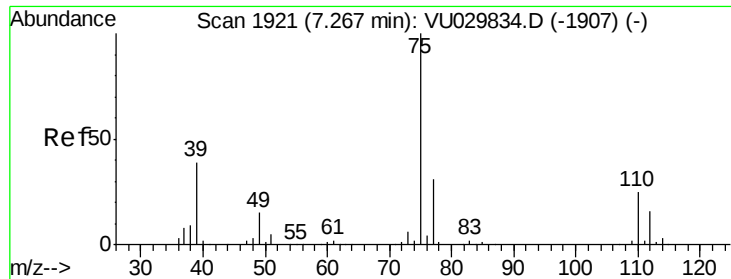
Tgt Ion: 75 Resp: 33059

Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6



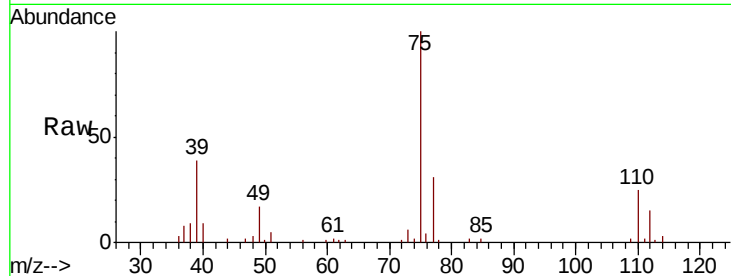


#51

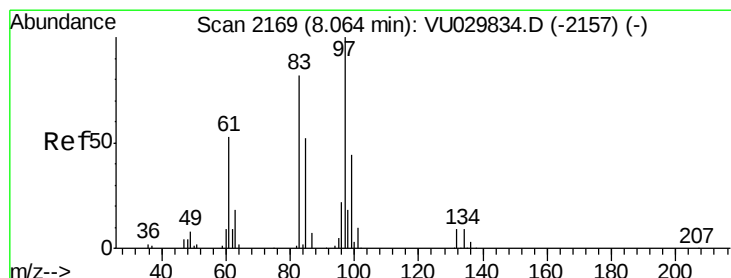
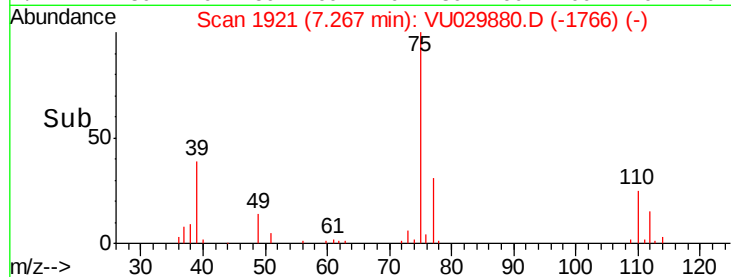
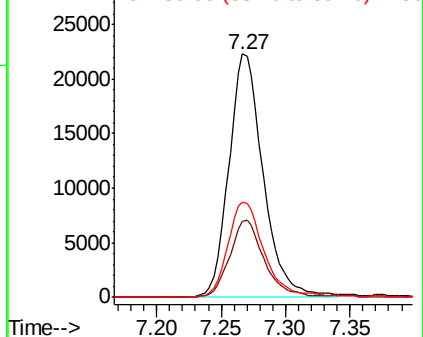
cis-1,3-Dichloropropene
Concen: 1.810 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tgt Ion: 75 Resp: 41226
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3
39 38.9 30.8 46.2



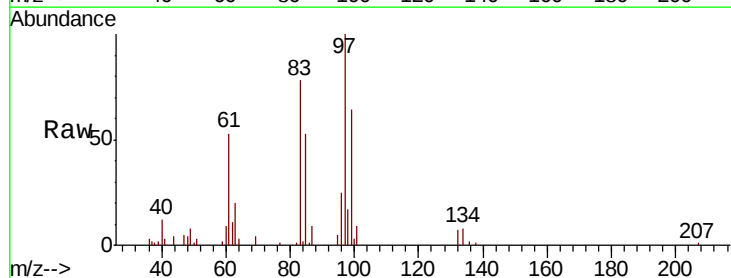
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



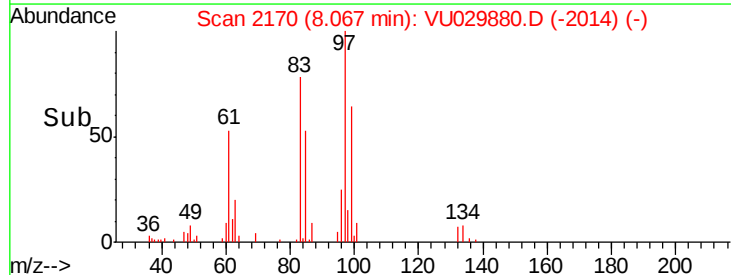
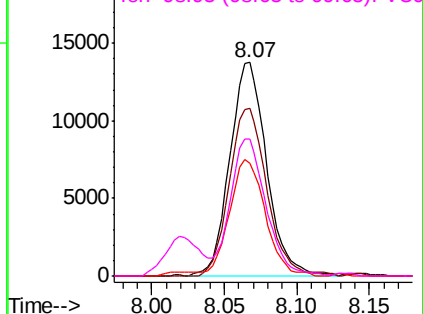
#52

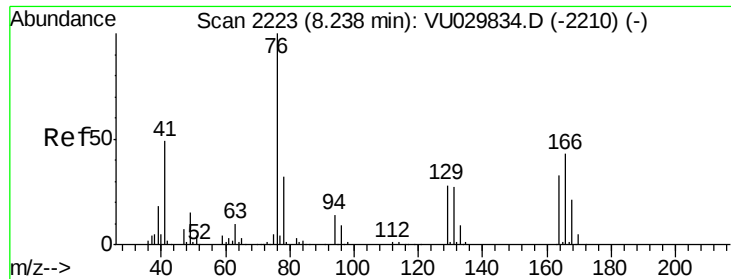
1,1,2-Trichloroethane
Concen: 1.920 ug/l
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 97 Resp: 24288
Ion Ratio Lower Upper
97 100
83 78.2 65.9 98.9
85 52.0 43.0 64.6
99 63.0 49.7 74.5



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

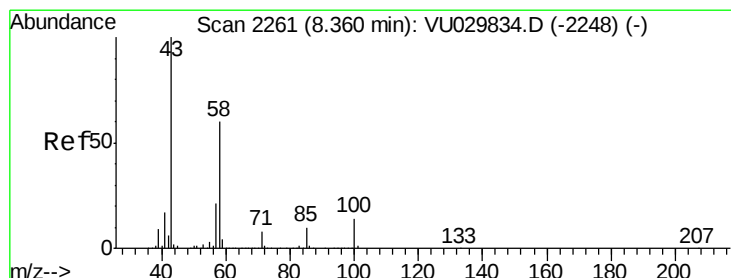
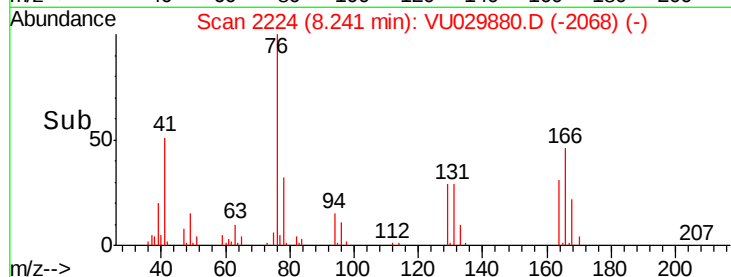
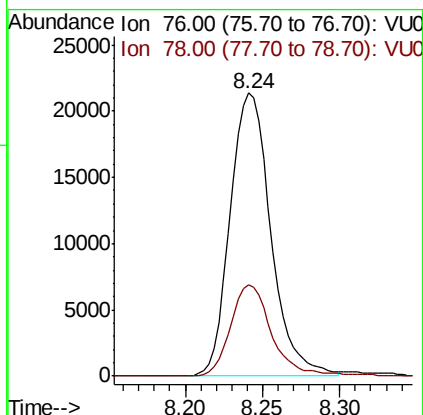
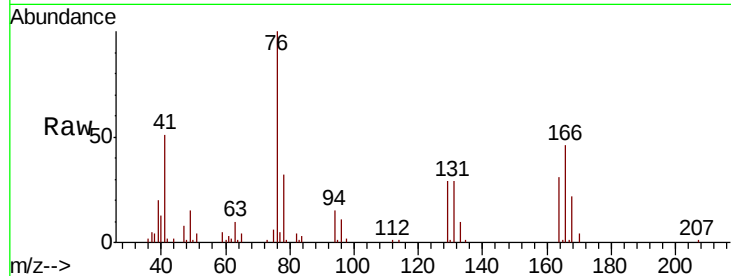




#53
 1,3-Dichloropropane
 Concen: 1.883 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

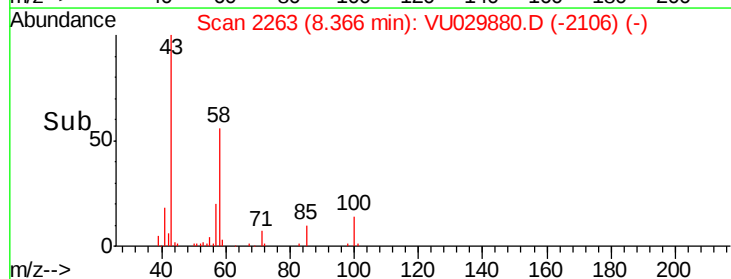
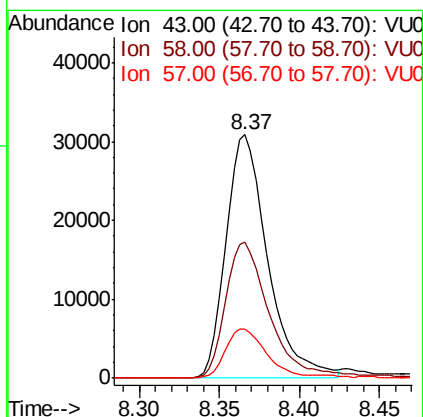
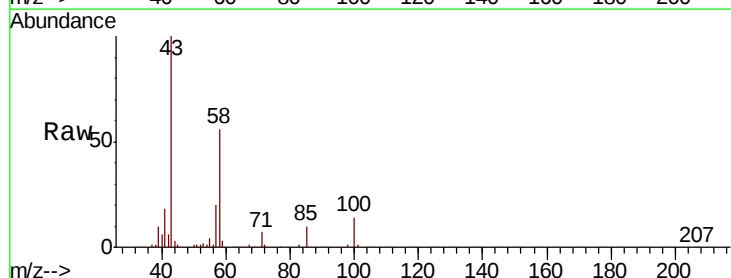
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

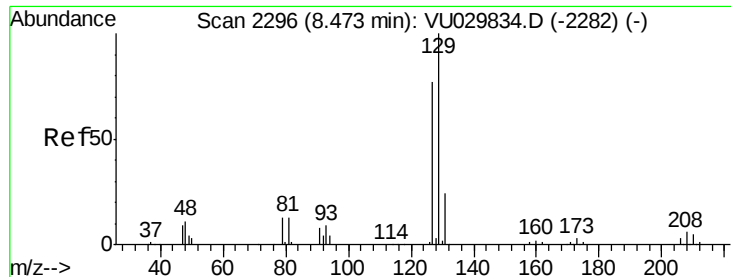
Tgt Ion: 76 Resp: 39078
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#54
 2-Hexanone
 Concen: 8.884 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 43 Resp: 55006
 Ion Ratio Lower Upper
 43 100
 58 58.9 39.6 79.6
 57 19.8 0.5 40.5





#55

Dibromochloromethane

Concen: 1.780 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

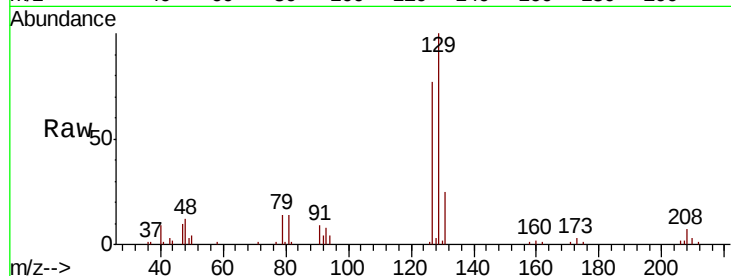
VU0310WBSD01

Tgt Ion:129 Resp: 26725

Ion Ratio Lower Upper

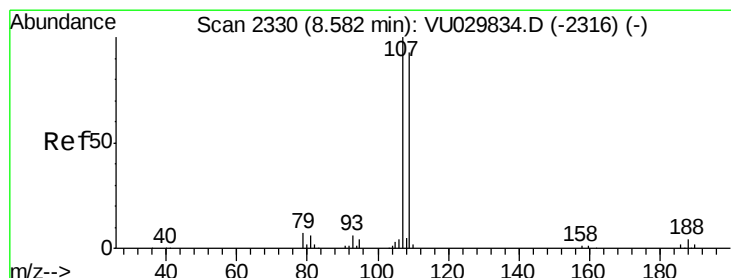
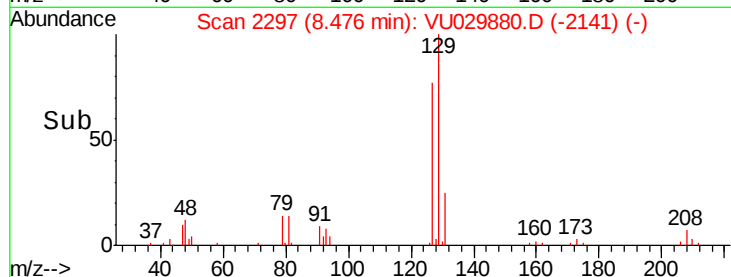
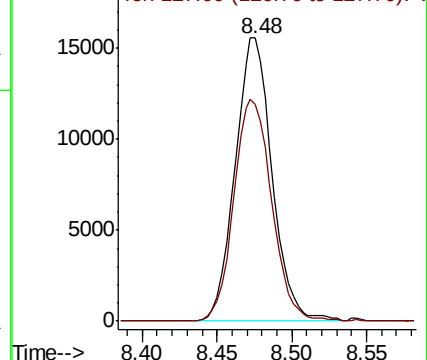
129 100

127 80.3 61.6 92.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.854 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029880.D

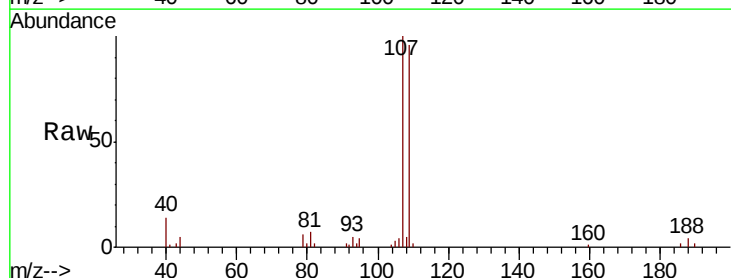
Acq: 08 Mar 2019 11:31

Tgt Ion:107 Resp: 22246

Ion Ratio Lower Upper

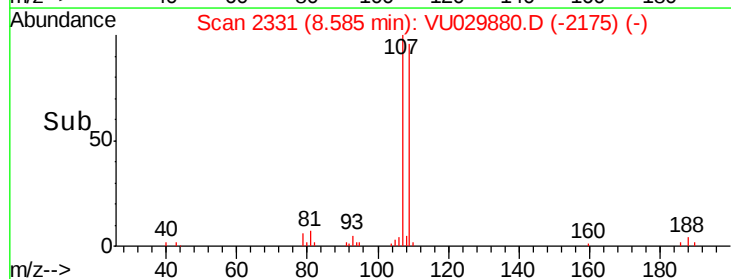
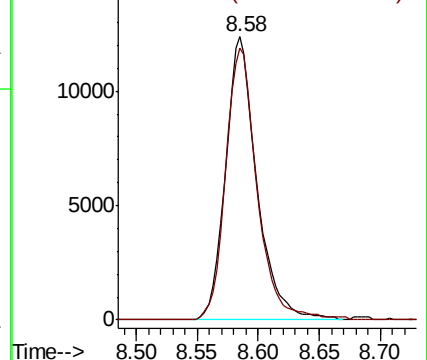
107 100

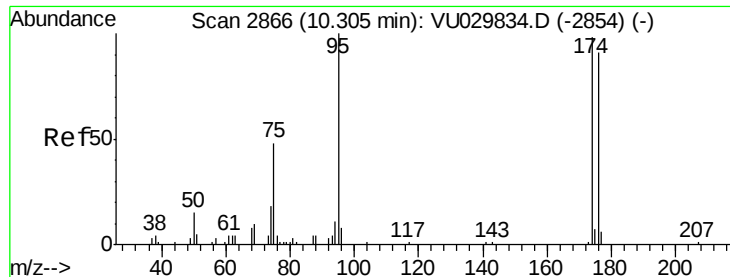
109 96.7 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.854 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

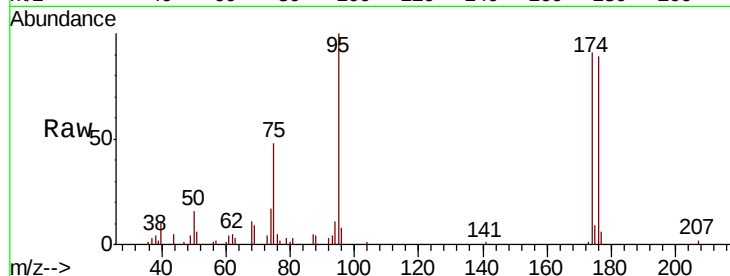
Tgt Ion: 95 Resp: 21198

Ion Ratio Lower Upper

95 100

174 92.2 76.5 114.7

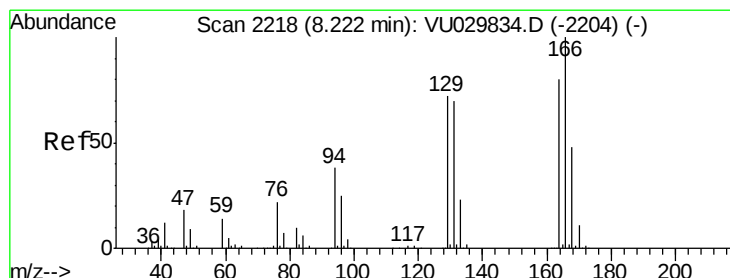
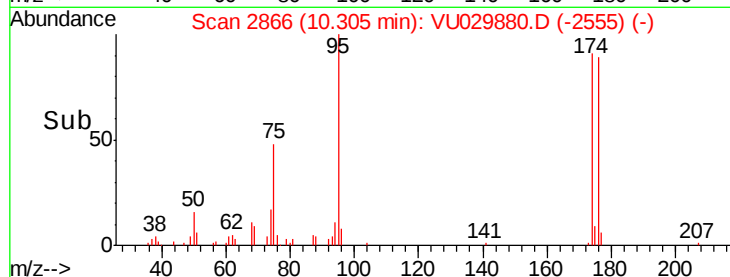
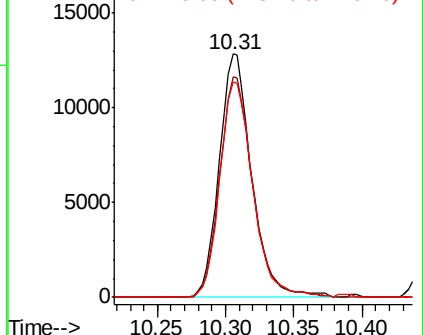
176 90.2 74.2 111.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58

Tetrachloroethene

Concen: 1.994 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Tgt Ion: 164 Resp: 38747

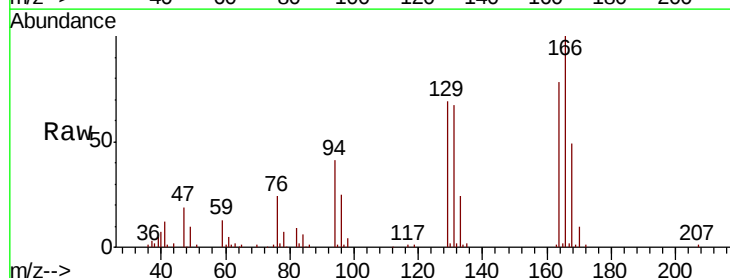
Ion Ratio Lower Upper

164 100

166 128.1 100.5 150.7

129 88.9 72.3 108.5

131 86.2 70.0 105.0

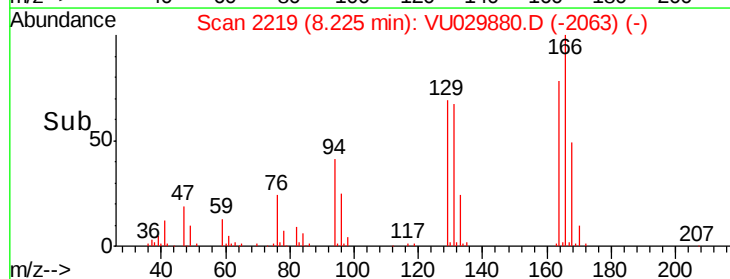
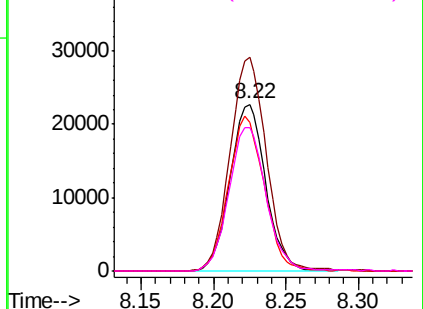


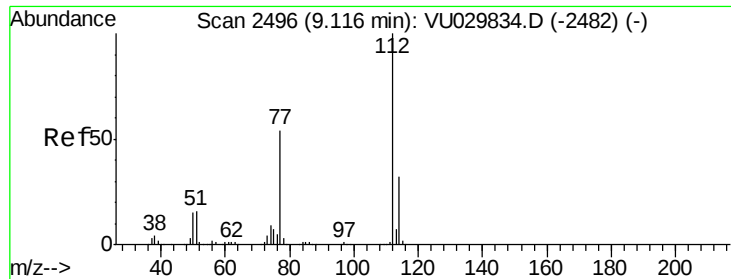
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

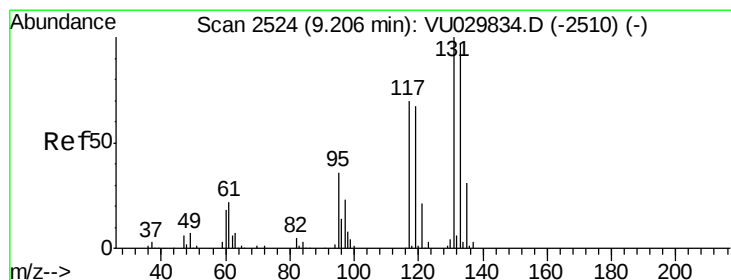
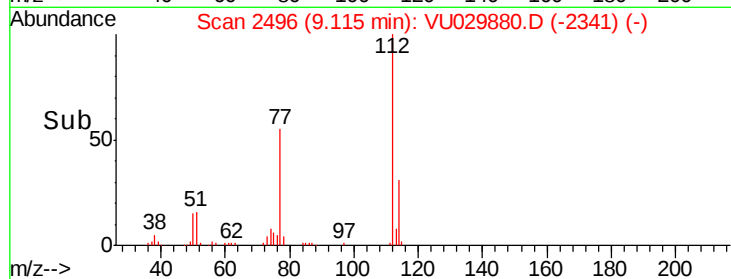
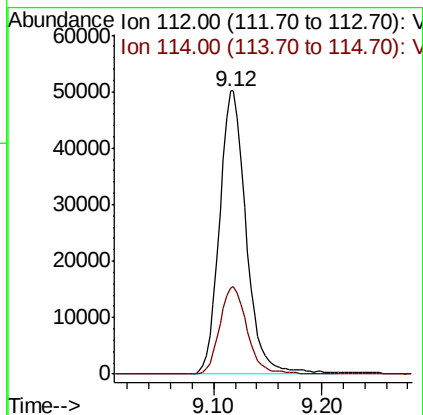
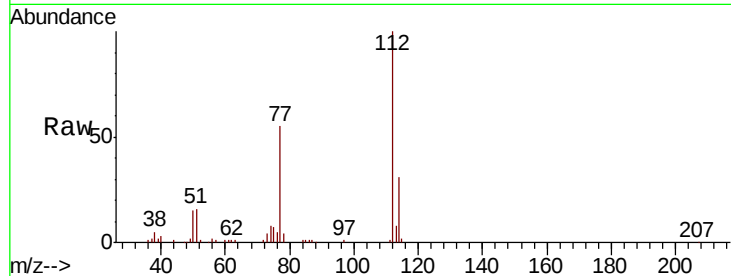




#59
Chlorobenzene
Concen: 1.880 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

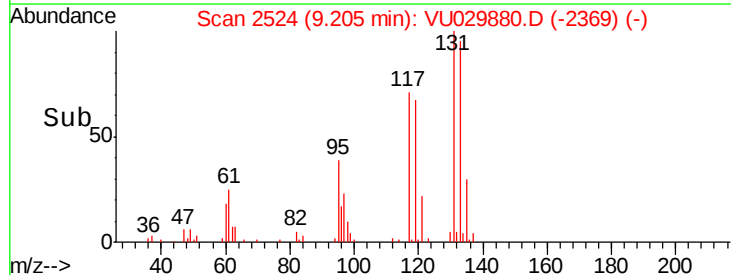
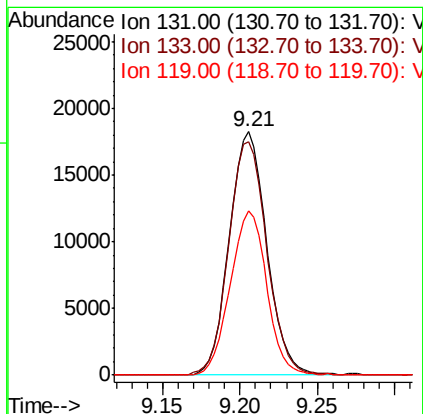
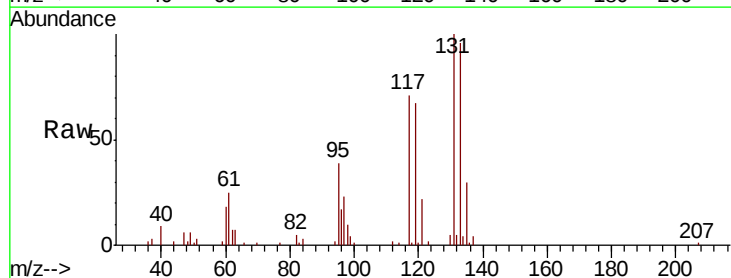
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

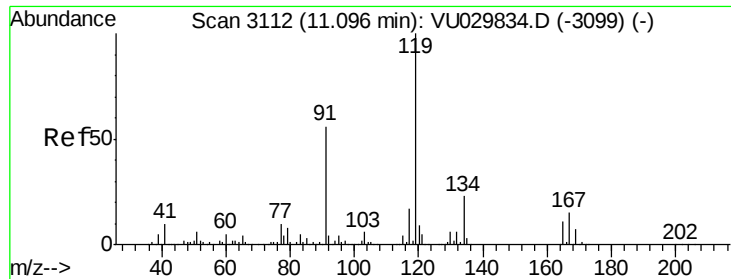
Tgt Ion:112 Resp: 86477
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 1.855 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:131 Resp: 30601
Ion Ratio Lower Upper
131 100
133 97.8 76.4 114.6
119 65.5 54.2 81.4





#61

Pentachloroethane

Concen: 1.706 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

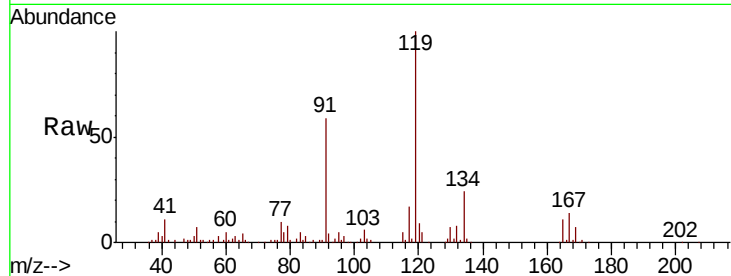
VU0310WBSD01

Tgt Ion:117 Resp: 19594

Ion Ratio Lower Upper

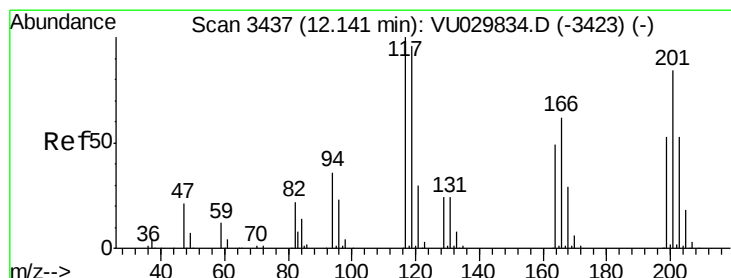
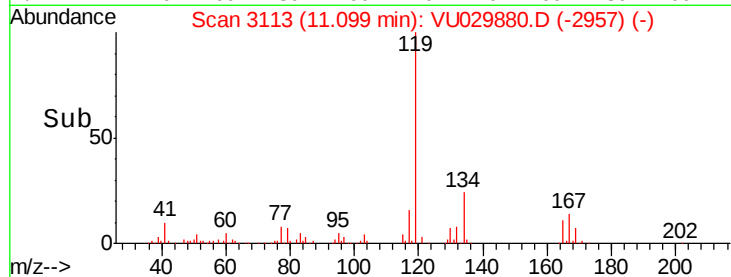
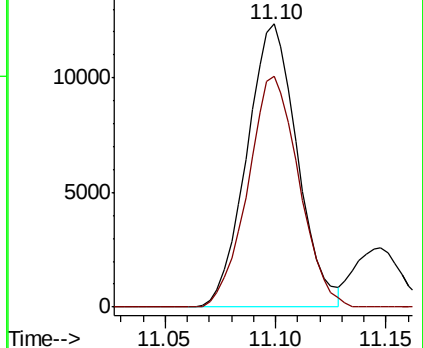
117 100

167 82.3 71.4 107.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.667 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029880.D

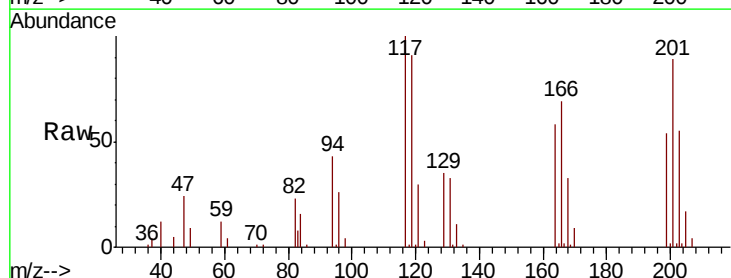
Acq: 08 Mar 2019 11:31

Tgt Ion:117 Resp: 20143

Ion Ratio Lower Upper

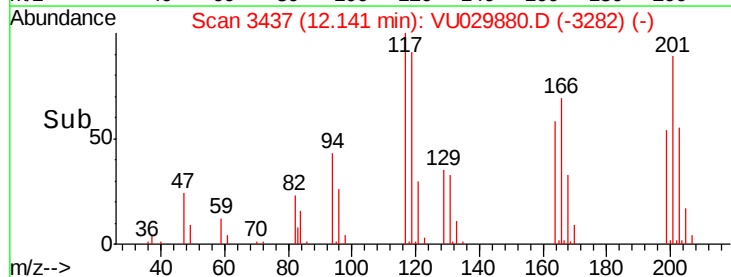
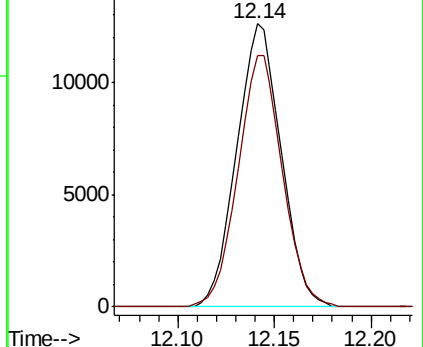
117 100

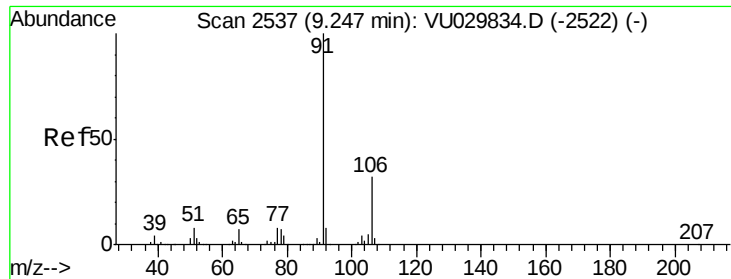
201 88.8 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

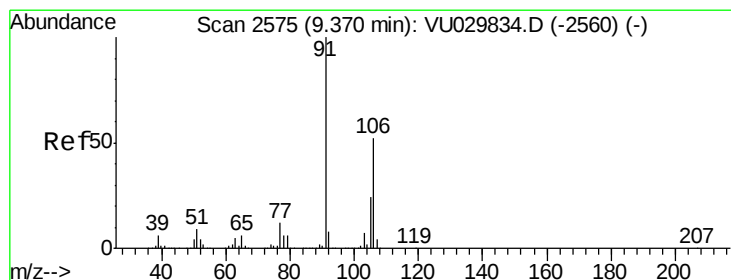
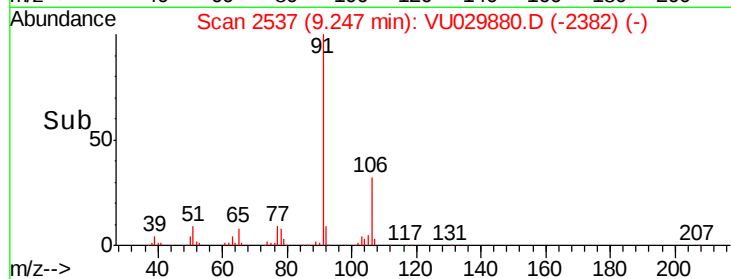
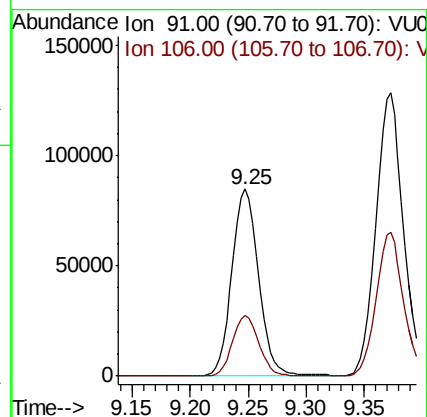
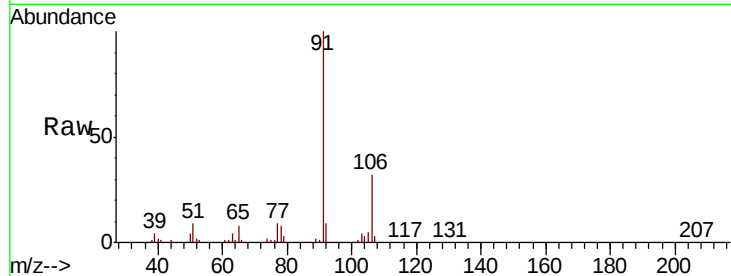




#63
Ethyl Benzene
Concen: 1.811 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

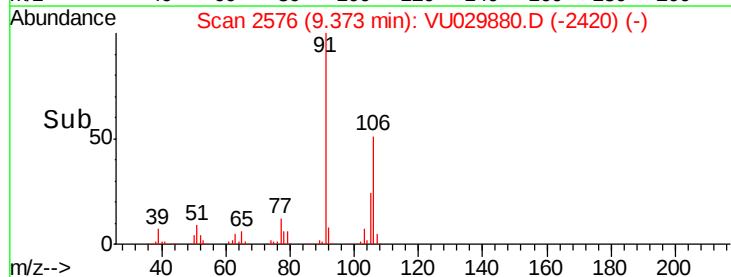
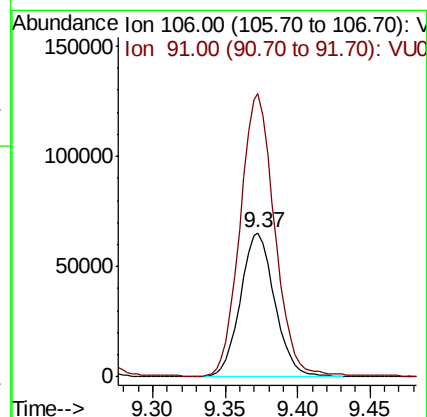
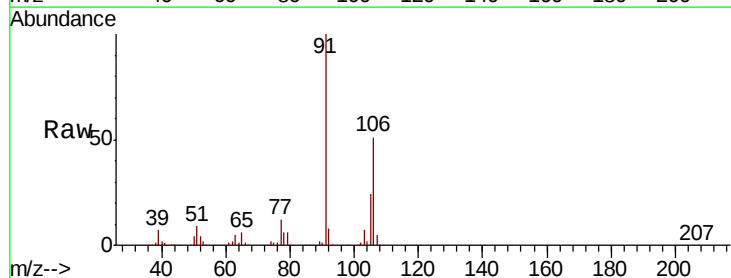
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

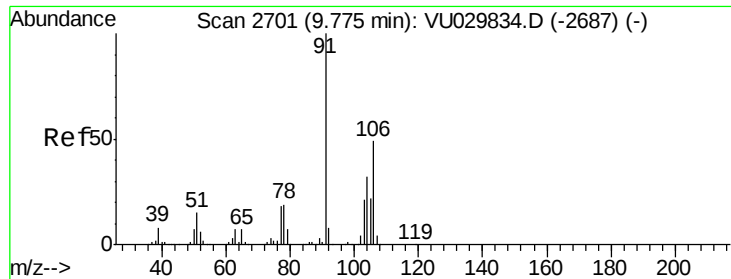
Tgt Ion: 91 Resp: 136402
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#64
m/p-Xylenes
Concen: 3.598 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion: 106 Resp: 107138
Ion Ratio Lower Upper
106 100
91 200.0 155.3 232.9

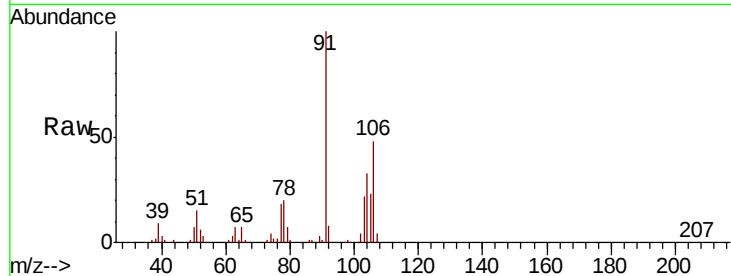




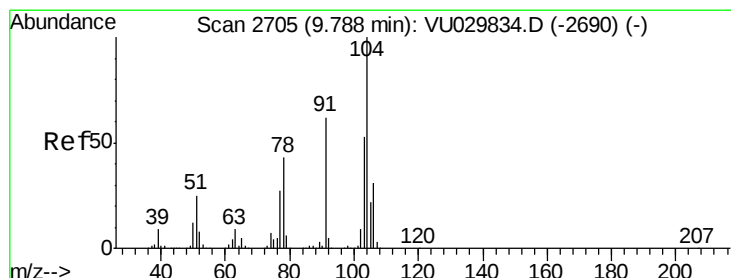
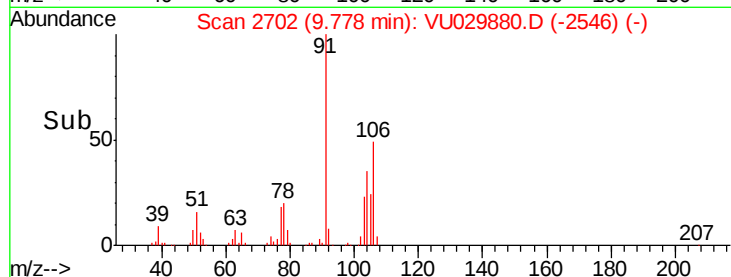
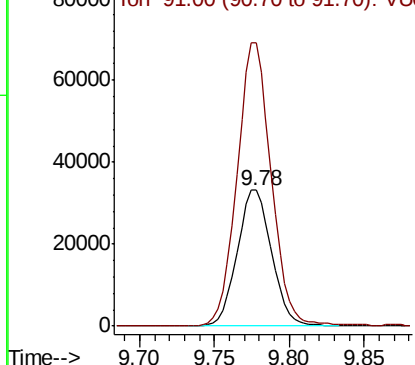
#65
o-Xylene
Concen: 1.862 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tgt Ion:106 Resp: 53248
Ion Ratio Lower Upper
106 100
91 206.1 102.8 308.3

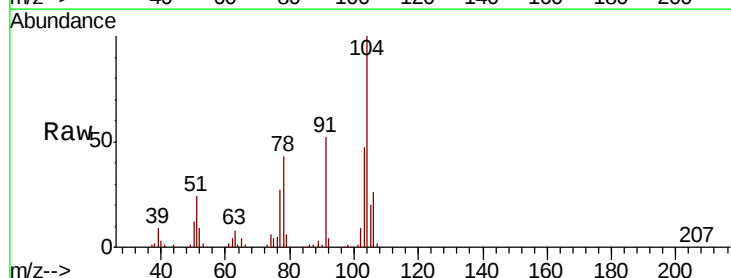


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

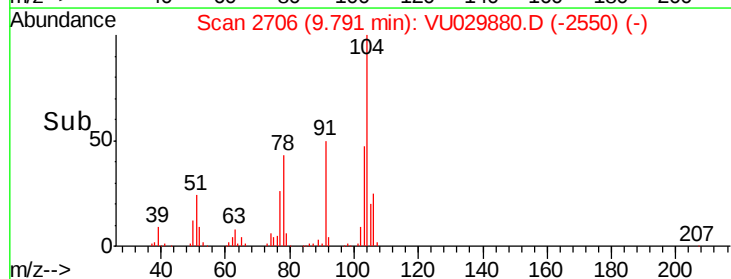
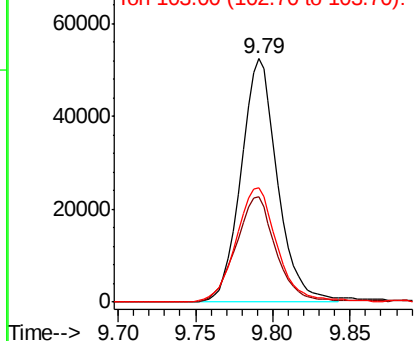


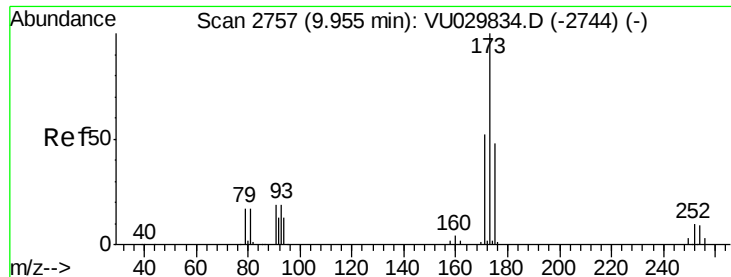
#66
Styrene
Concen: 1.807 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:104 Resp: 85882
Ion Ratio Lower Upper
104 100
78 47.3 37.2 55.8
103 53.2 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

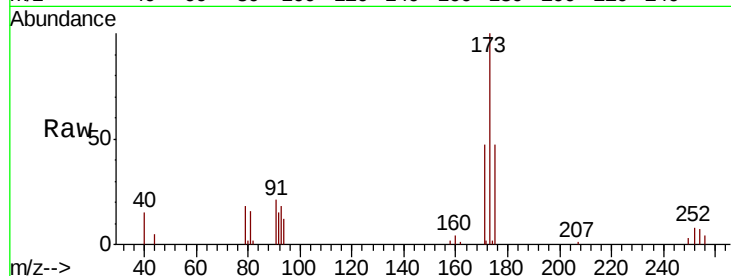




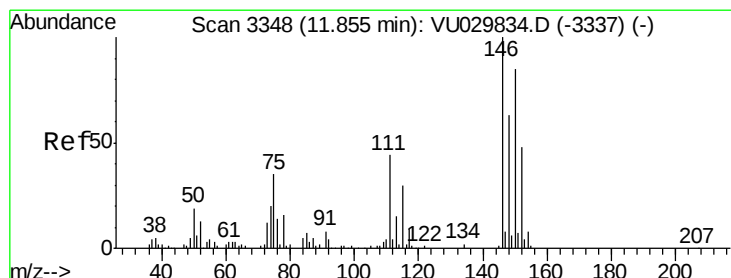
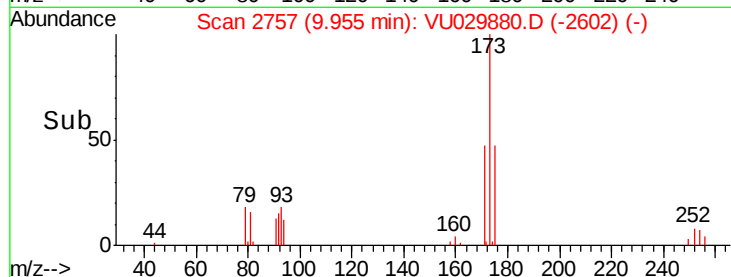
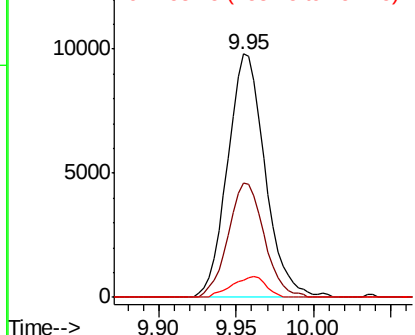
#67
Bromoform
Concen: 1.870 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tgt Ion:173 Resp: 16490
Ion Ratio Lower Upper
173 100
175 45.0 38.6 57.8
254 7.7 7.4 11.2

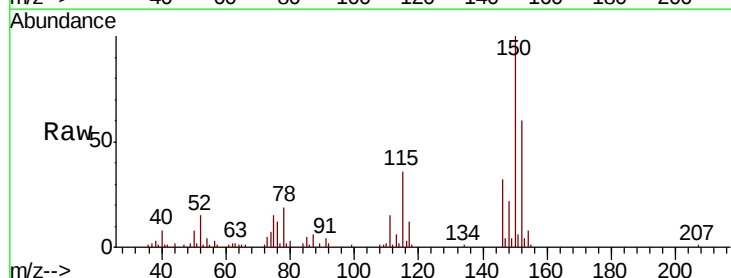


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

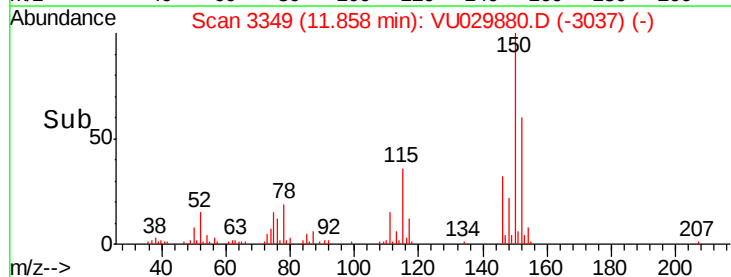
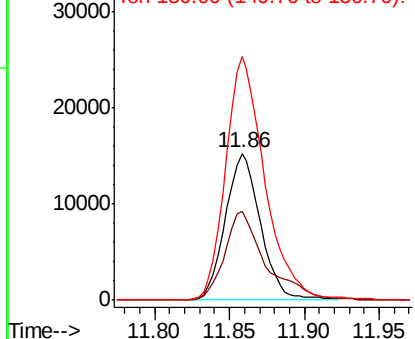


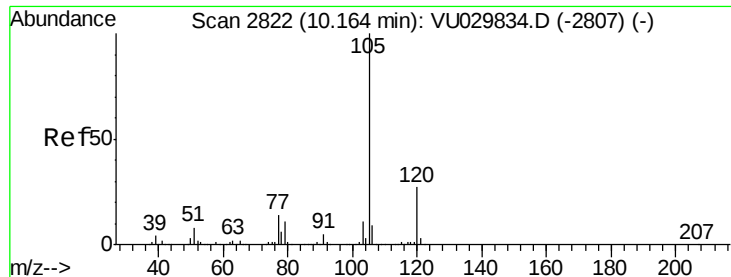
#68
1,2-Dichlorobenzene-d4
Concen: 1.870 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:152 Resp: 24943
Ion Ratio Lower Upper
152 100
115 70.2 0.0 124.0
150 184.7 0.0 631.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.843 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

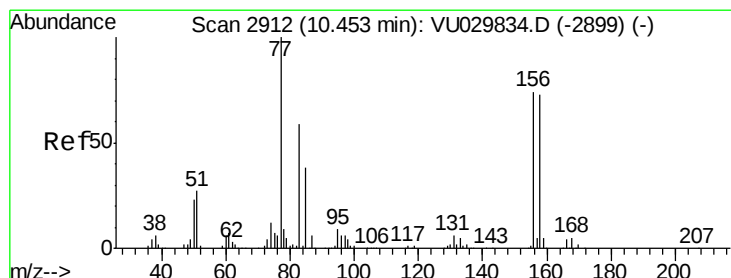
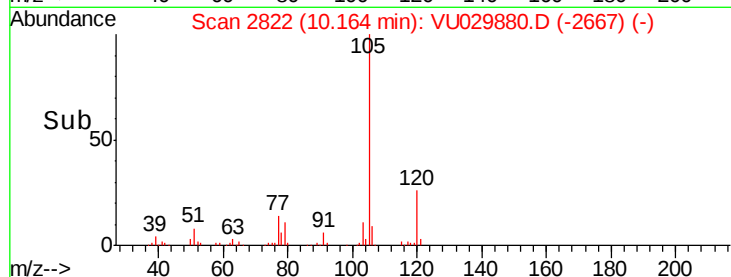
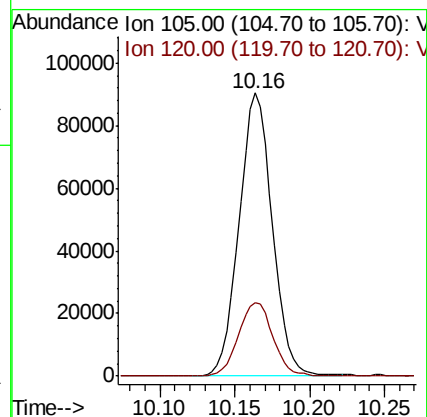
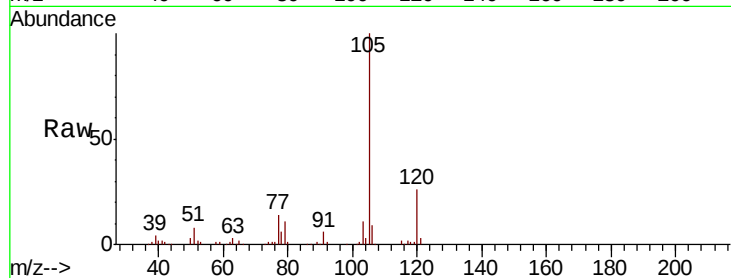
VU0310WBSD01

Tgt Ion:105 Resp: 139753

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.883 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

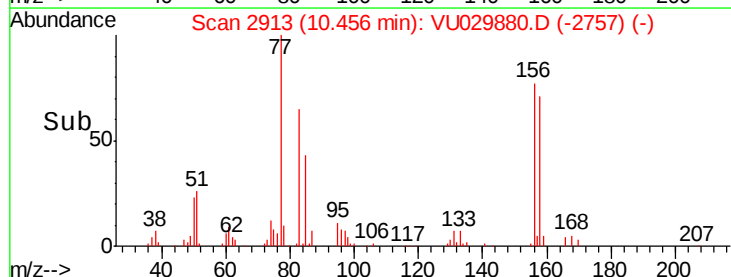
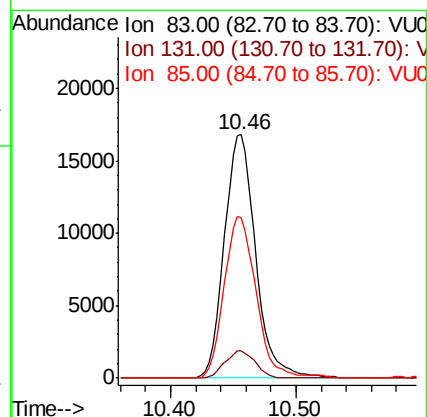
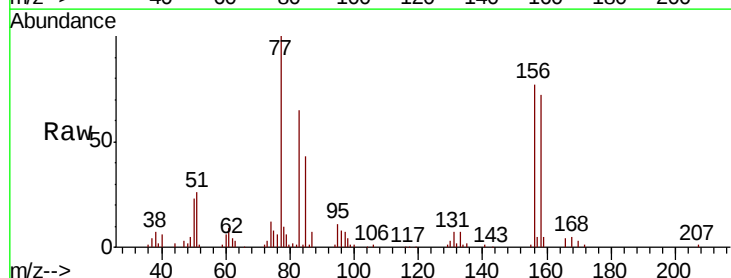
Tgt Ion: 83 Resp: 29055

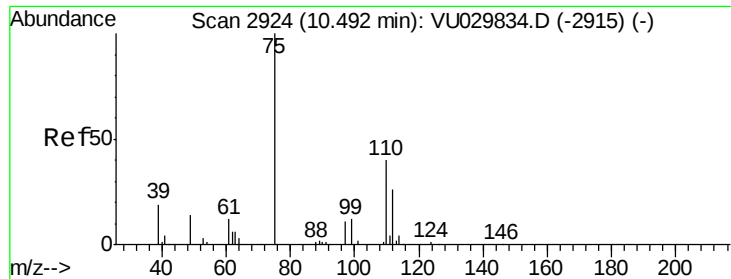
Ion Ratio Lower Upper

83 100

131 10.8 8.3 12.5

85 66.8 52.5 78.7

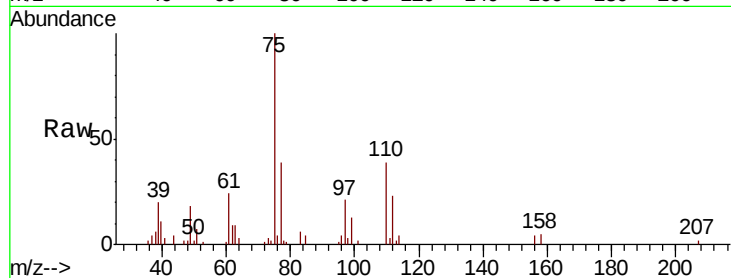




#71
1,2,3-Trichloropropane
Concen: 2.854 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Tgt Ion:	75	Resp:	32731
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	16.4
110	23.7	0.0	74.8
97	12.1	0.0	39.4



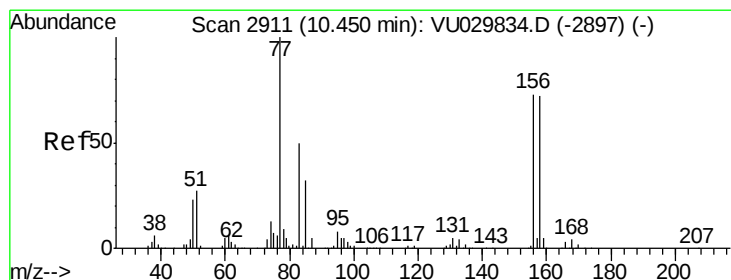
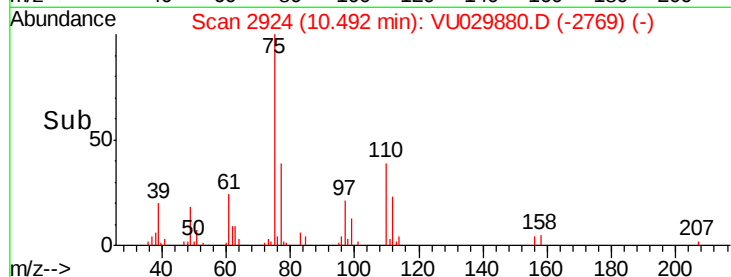
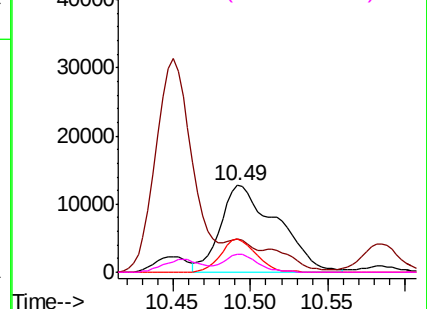
Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

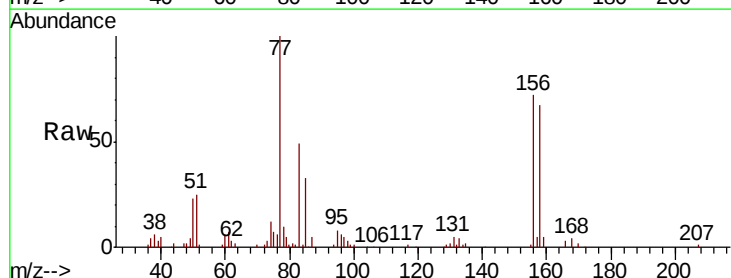
Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72
Bromobenzene
Concen: 1.866 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:	156	Resp:	37456
Ion	Ratio	Lower	Upper
156	100		
77	140.4	0.0	282.2
158	94.8	0.0	196.2

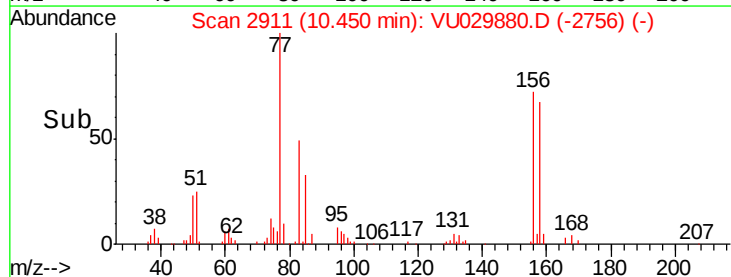
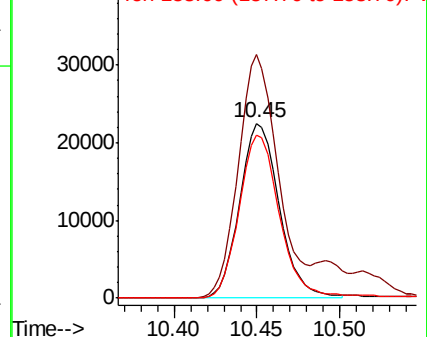


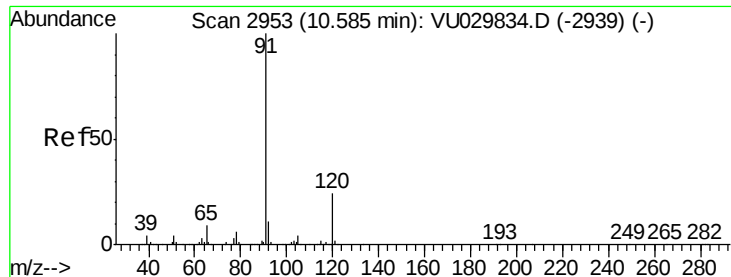
Abundance

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

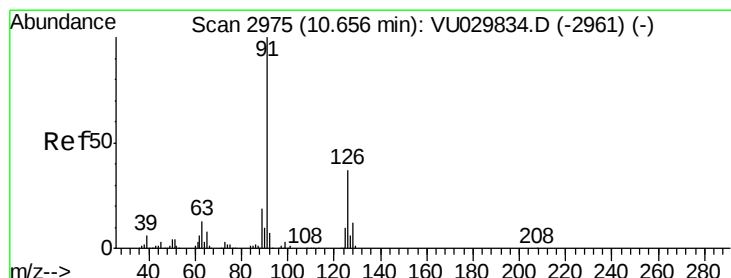
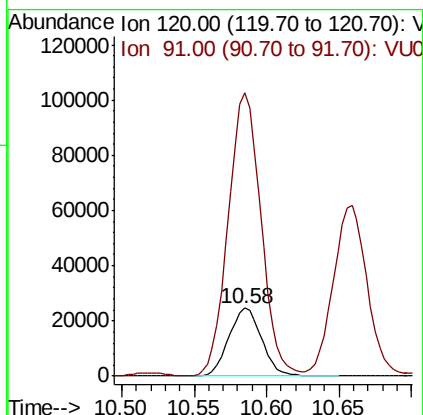
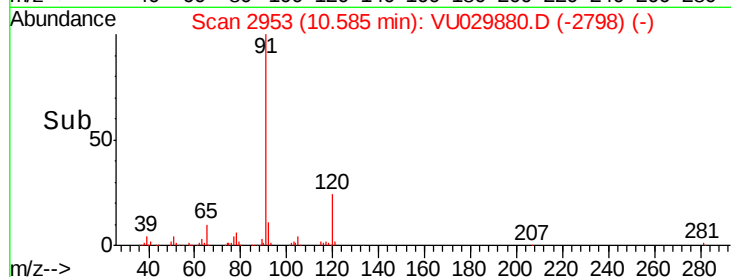
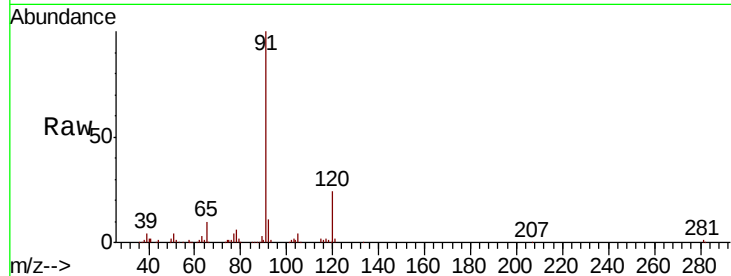




#73
n-propylbenzene
Concen: 1.813 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

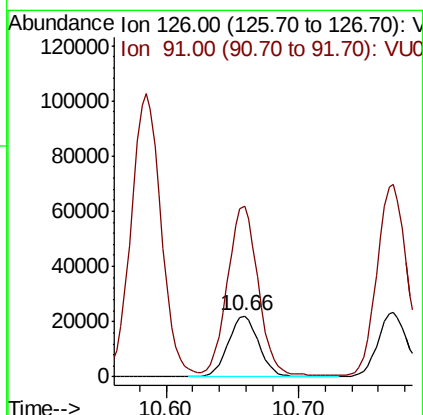
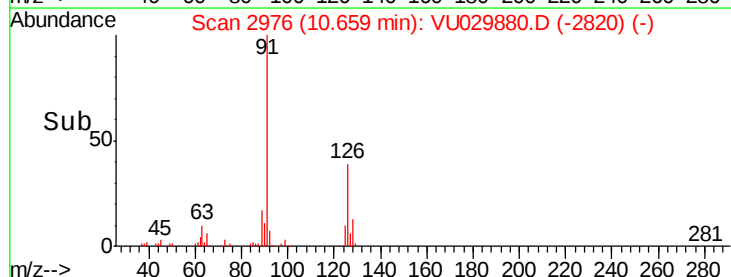
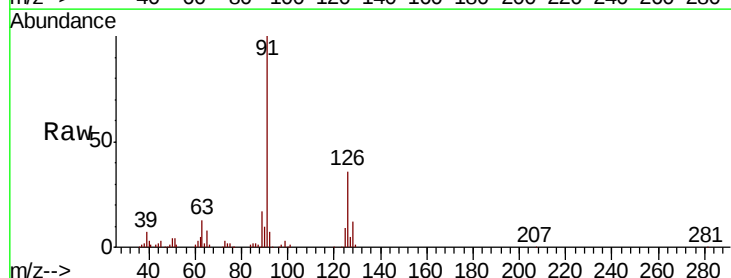
Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

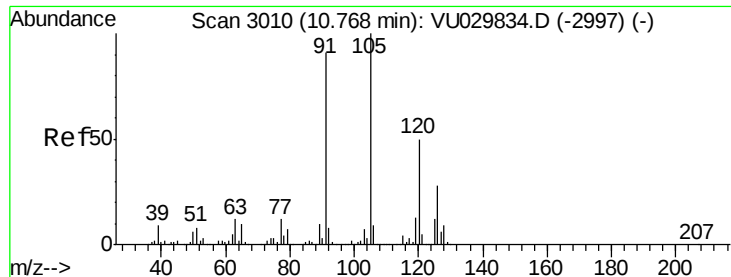
Tgt Ion:120 Resp: 38663
Ion Ratio Lower Upper
120 100
91 414.1 333.4 500.2



#74
2-Chlorotoluene
Concen: 1.881 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029880.D
Acq: 08 Mar 2019 11:31

Tgt Ion:126 Resp: 35574
Ion Ratio Lower Upper
126 100
91 282.8 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 1.872 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

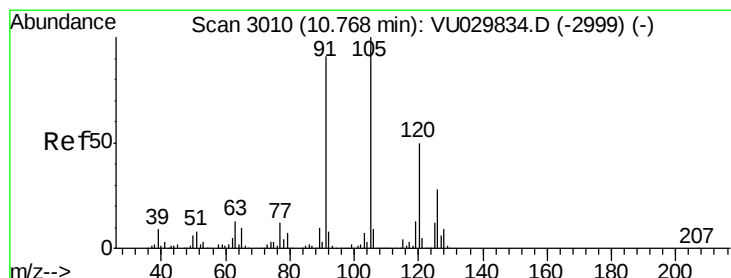
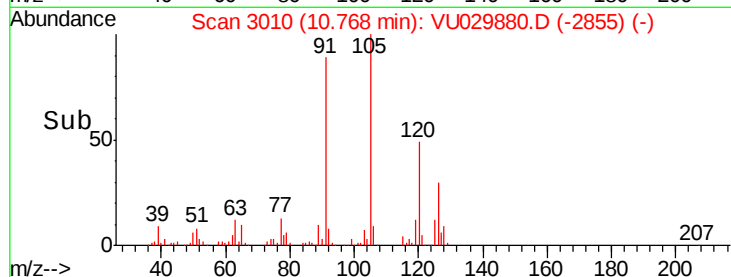
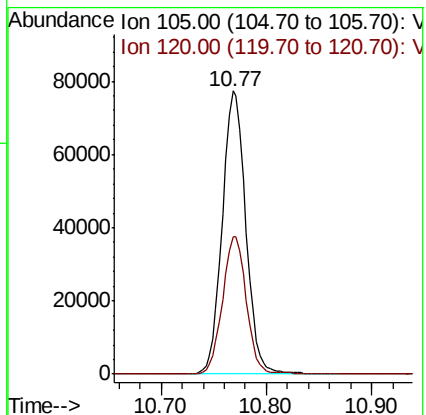
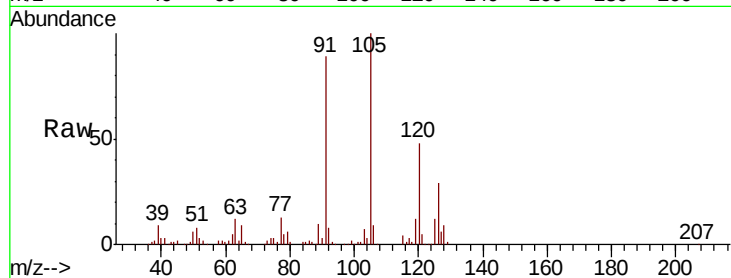
VU0310WBSD01

Tgt Ion:105 Resp: 119609

Ion Ratio Lower Upper

105 100

120 49.2 40.0 60.0



#76

4-Chlorotoluene

Concen: 1.953 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029880.D

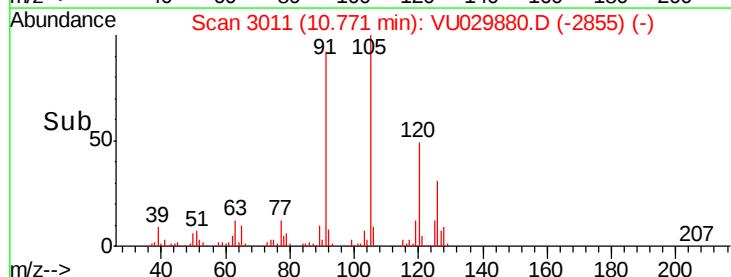
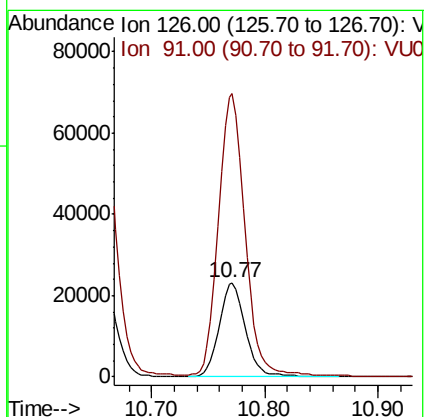
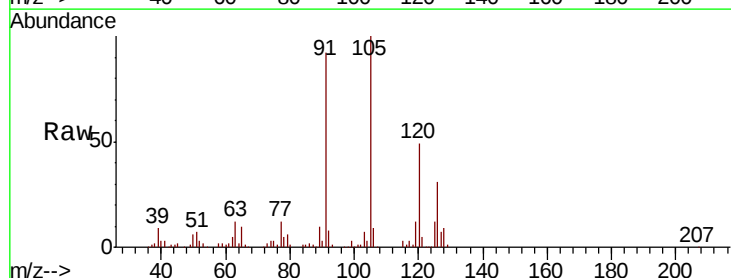
Acq: 08 Mar 2019 11:31

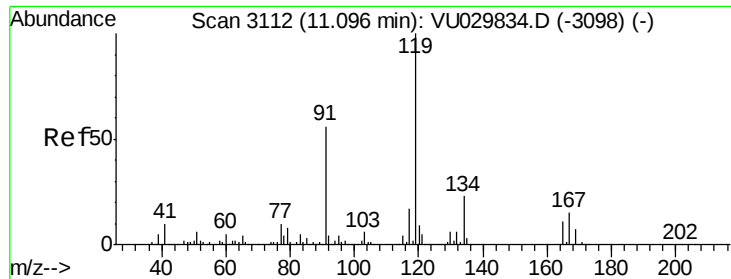
Tgt Ion:126 Resp: 37675

Ion Ratio Lower Upper

126 100

91 303.9 0.0 634.8

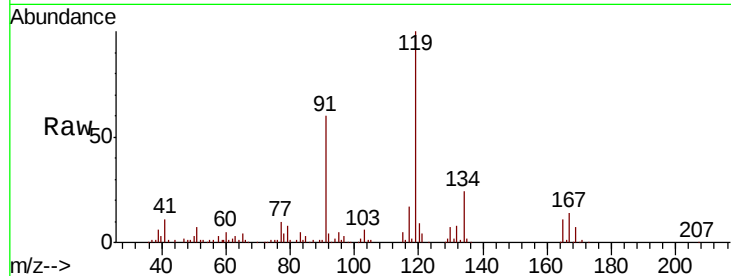




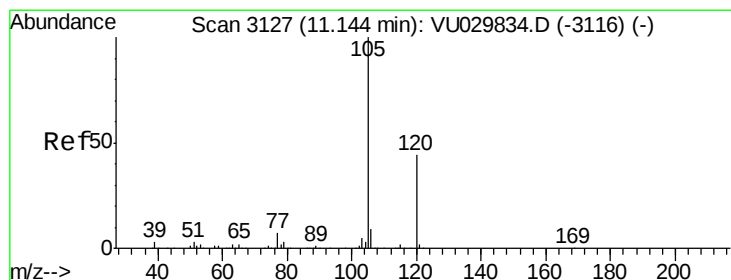
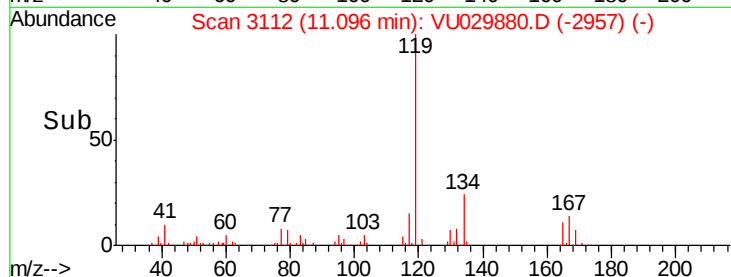
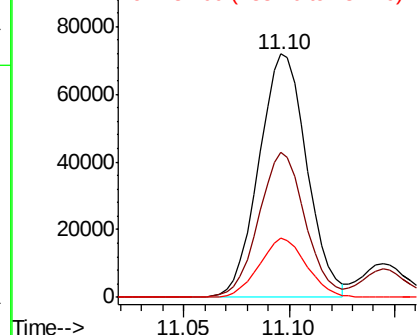
#77
 tert-Butylbenzene
 Concen: 1.797 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tgt Ion:119 Resp: 113613
 Ion Ratio Lower Upper
 119 100
 91 57.8 27.7 83.1
 134 24.1 18.7 28.1

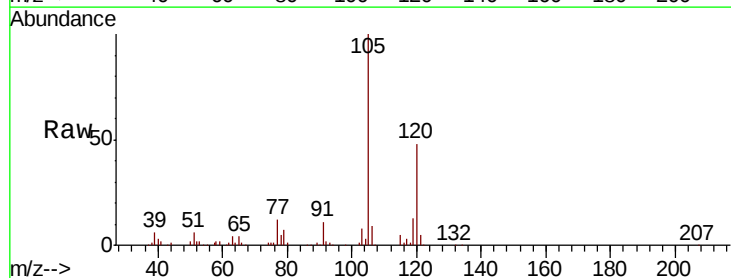


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

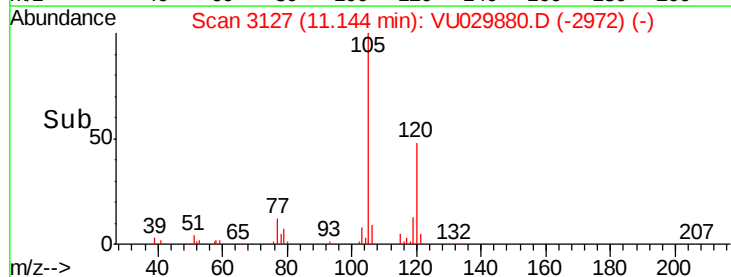
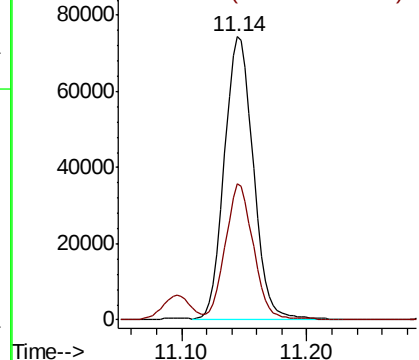


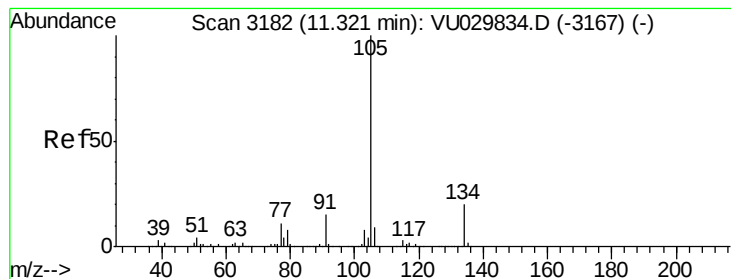
#78
 1,2,4-Trimethylbenzene
 Concen: 1.835 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion:105 Resp: 118457
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.909 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

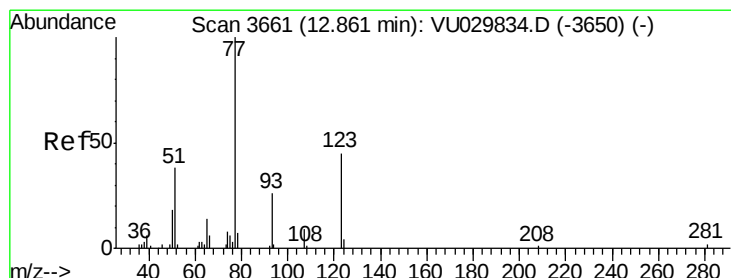
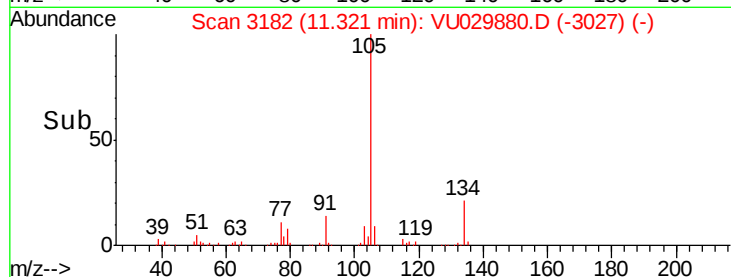
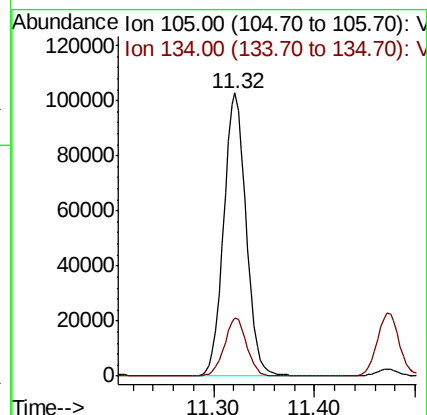
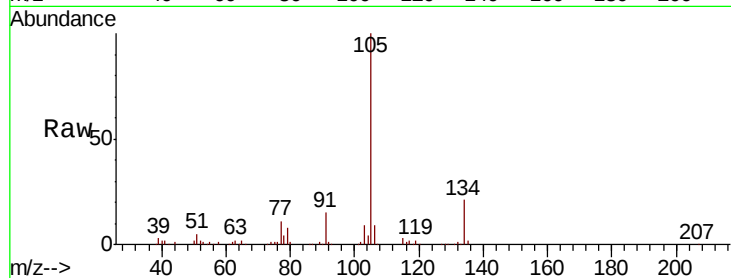
VU0310WBSD01

Tgt Ion: 105 Resp: 159939

Ion Ratio Lower Upper

105 100

134 20.3 16.3 24.5



#80

Nitrobenzene

Concen: 4.994 ug/l

RT: 12.88 min Scan# 3667

Delta R.T. 0.02 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

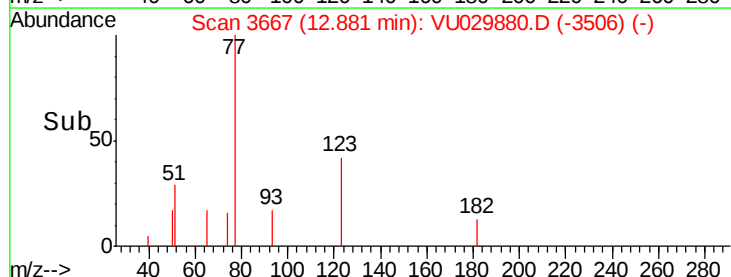
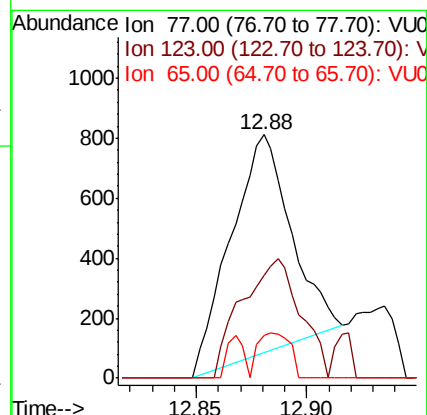
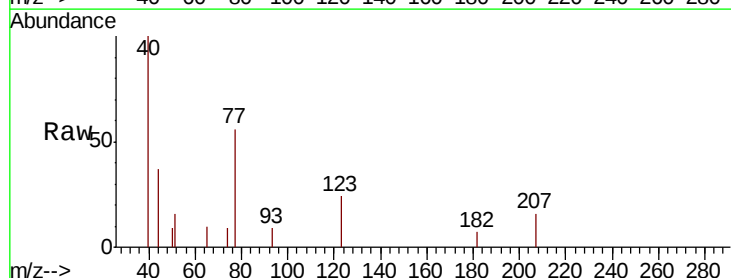
Tgt Ion: 77 Resp: 1399

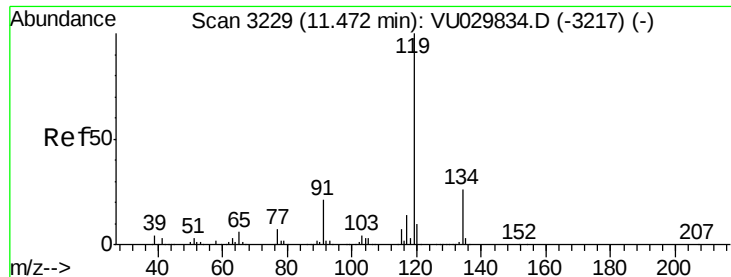
Ion Ratio Lower Upper

77 100

123 52.8 20.2 71.4

65 11.0 14.0 17.8#

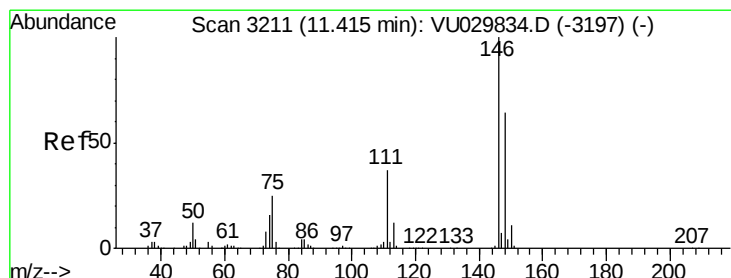
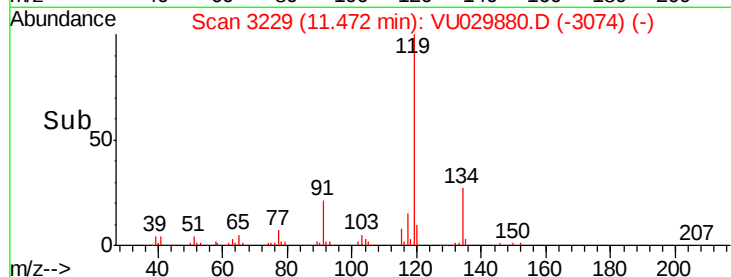
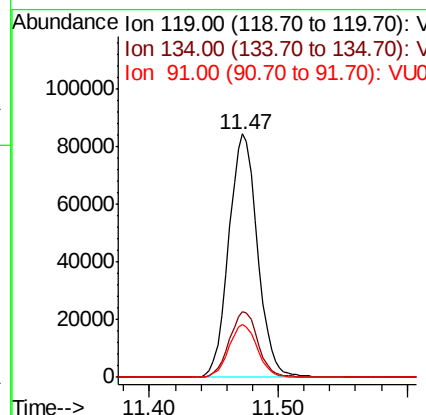
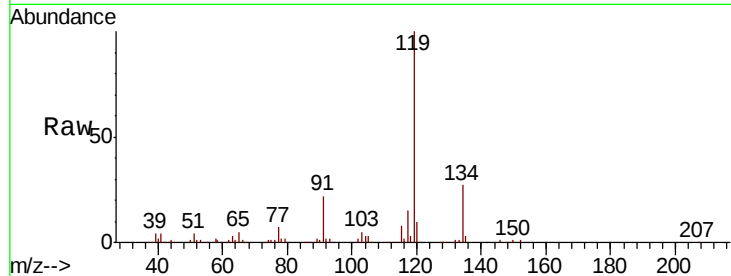




#81
 p-Isopropyltoluene
 Concen: 1.857 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

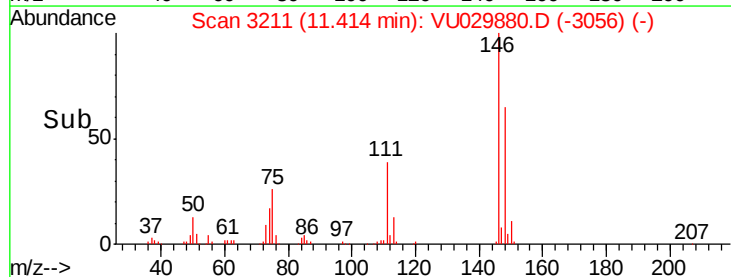
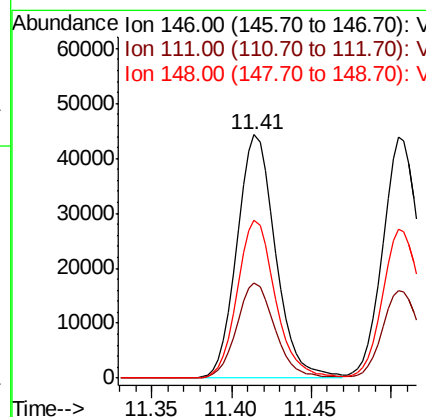
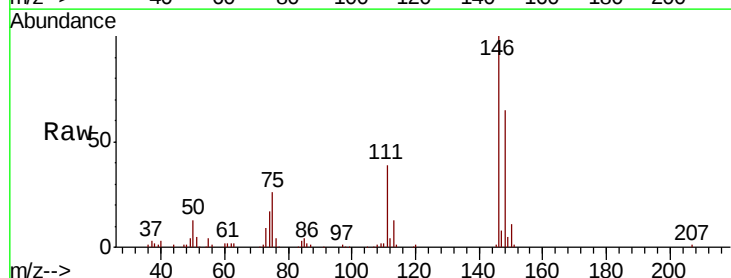
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

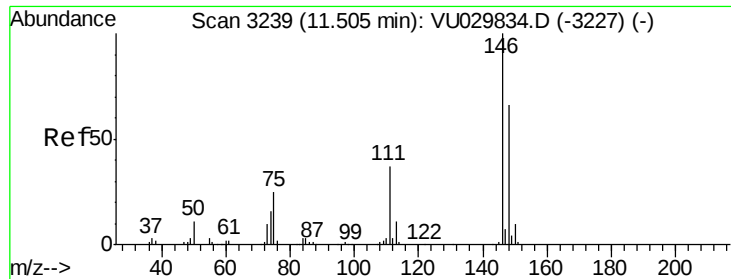
Tgt Ion:119 Resp: 130269
 Ion Ratio Lower Upper
 119 100
 134 27.3 21.2 31.8
 91 21.7 17.2 25.8



#82
 1,3-Dichlorobenzene
 Concen: 1.828 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion:146 Resp: 72669
 Ion Ratio Lower Upper
 146 100
 111 38.7 30.2 45.4
 148 63.9 51.2 76.8

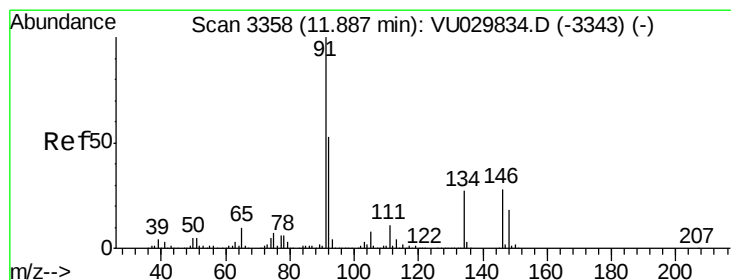
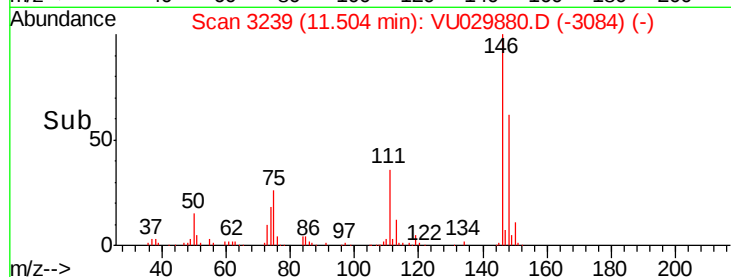
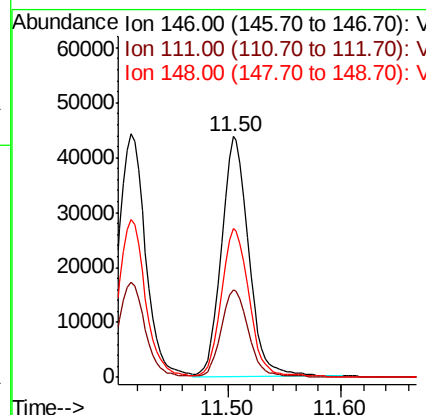
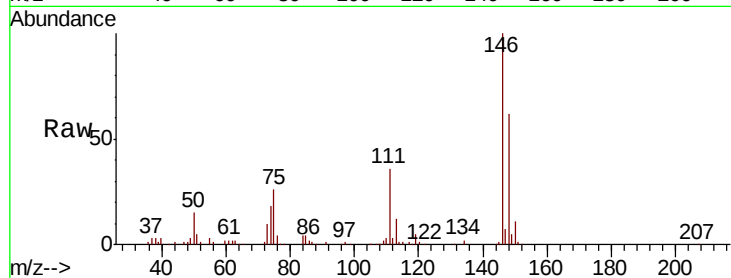




#83
 1,4-Dichlorobenzene
 Concen: 1.885 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

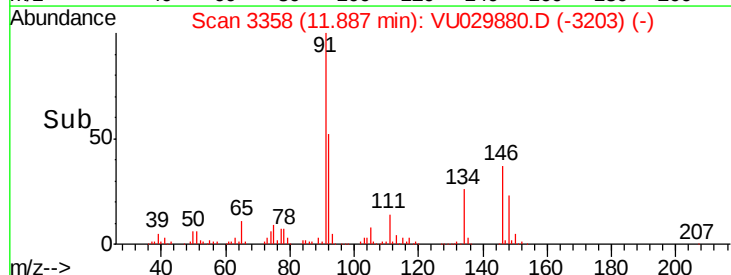
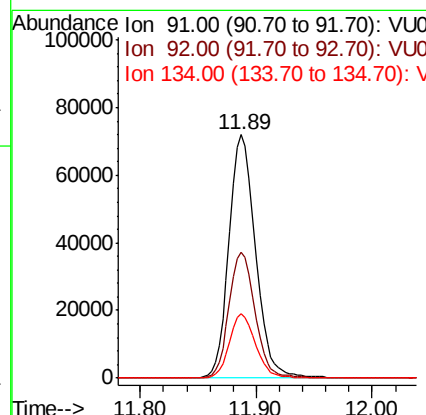
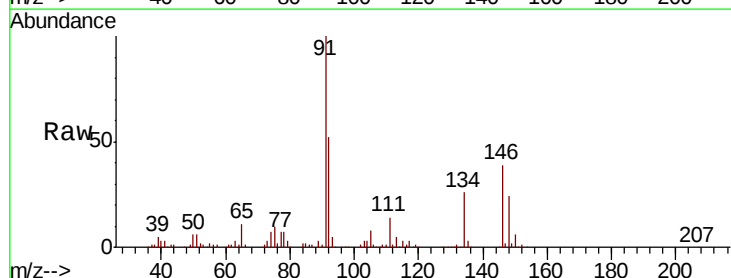
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

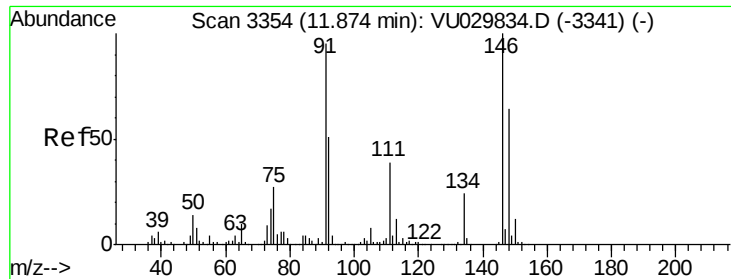
Tgt Ion: 146 Resp: 73242
 Ion Ratio Lower Upper
 146 100
 111 34.9 29.4 44.2
 148 63.8 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.786 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion: 91 Resp: 114157
 Ion Ratio Lower Upper
 91 100
 92 51.0 42.6 63.8
 134 25.8 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 1.878 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

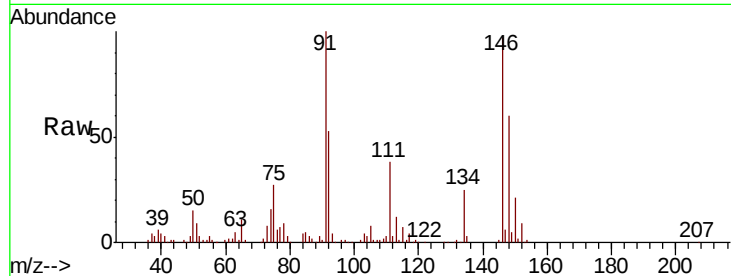
Tgt Ion:146 Resp: 70418

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.6

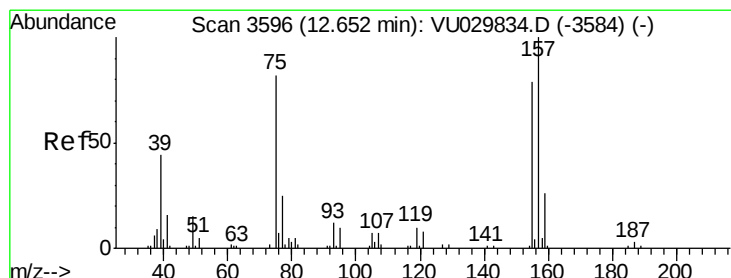
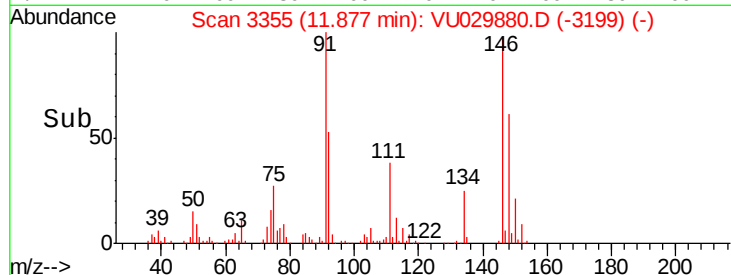
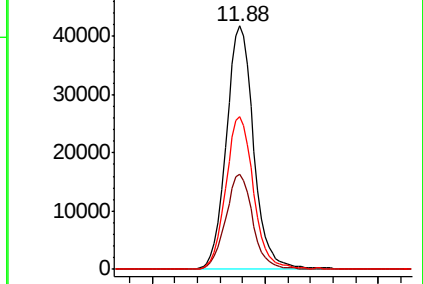
148 63.3 32.1 96.3



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.799 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

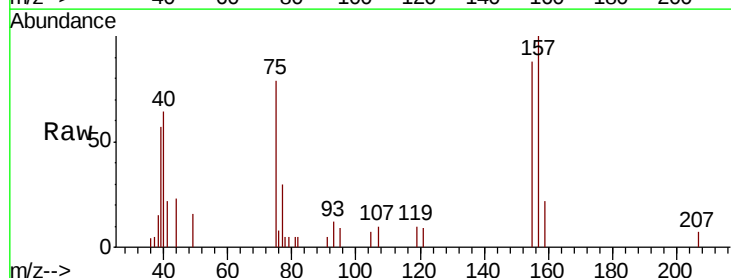
Tgt Ion: 75 Resp: 3963

Ion Ratio Lower Upper

75 100

155 96.0 76.6 114.8

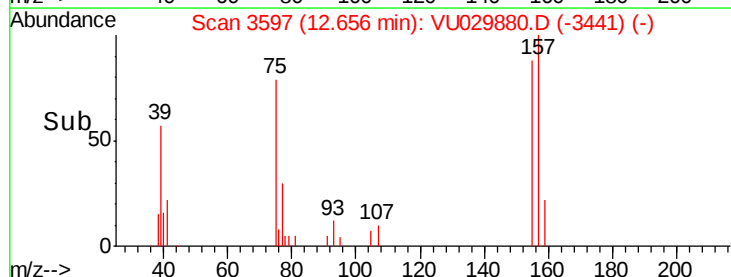
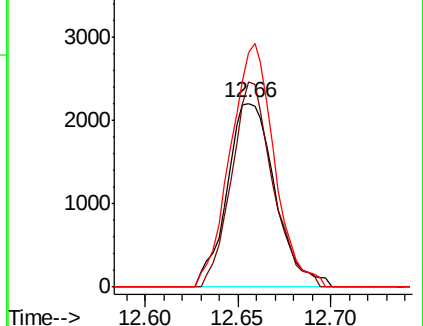
157 121.0 96.2 144.2

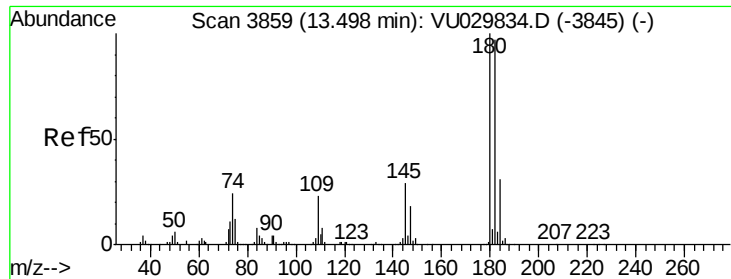


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

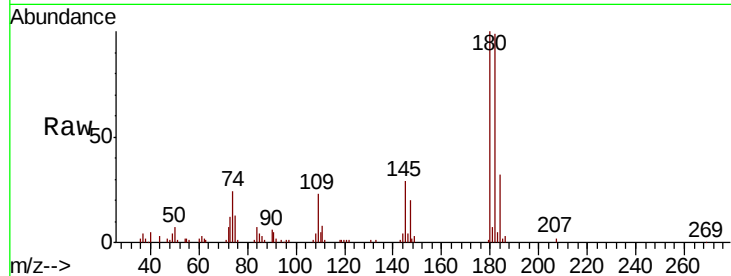




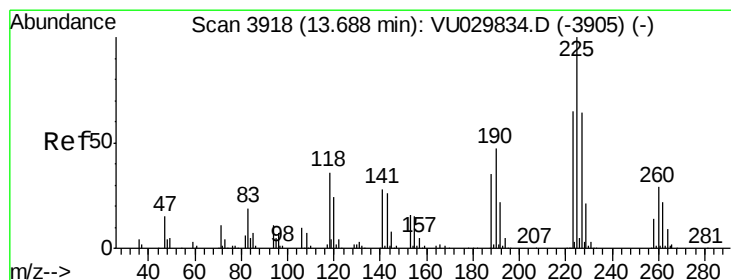
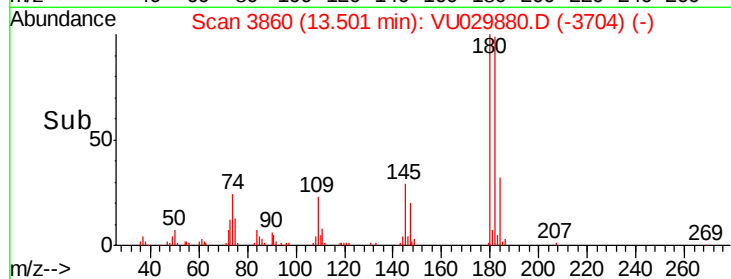
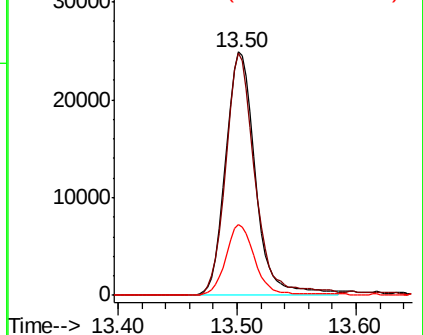
#87
 1,2,4-Trichlorobenzene
 Concen: 1.801 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0310WBSD01

Tgt Ion:180 Resp: 43244
 Ion Ratio Lower Upper
 180 100
 182 98.2 77.5 116.3
 145 28.0 23.6 35.4

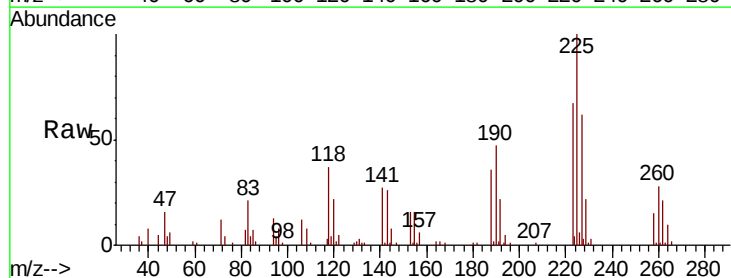


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

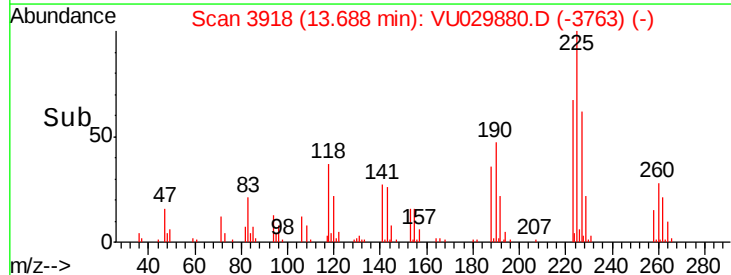
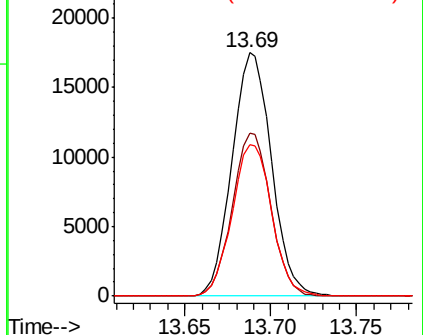


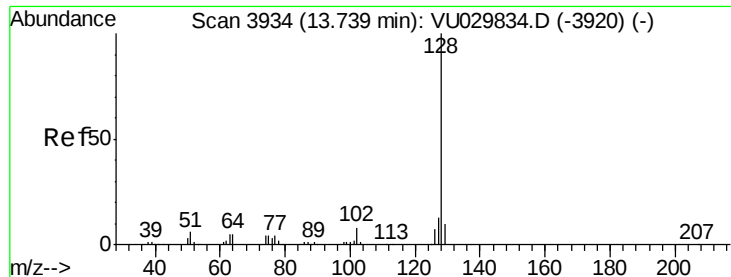
#88
 Hexachlorobutadiene
 Concen: 1.855 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029880.D
 Acq: 08 Mar 2019 11:31

Tgt Ion:225 Resp: 28054
 Ion Ratio Lower Upper
 225 100
 223 64.9 51.2 76.8
 227 62.6 50.9 76.3



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.841 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

Instrument :

MSVOA_U

ClientSampleId :

VU0310WBSD01

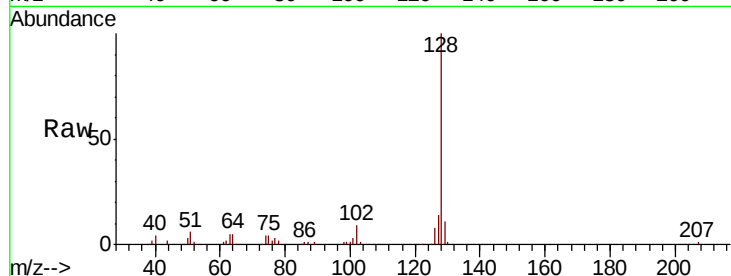
Tgt Ion:128 Resp: 67378

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

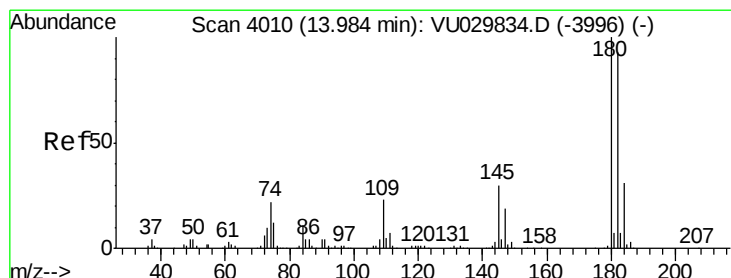
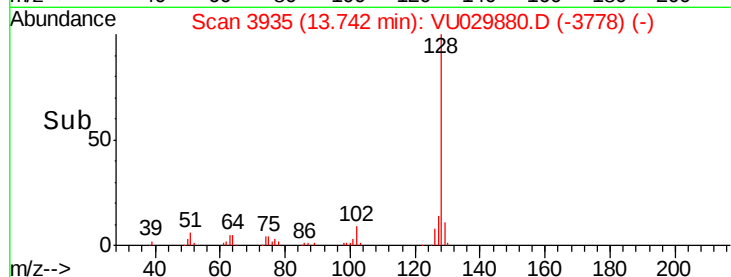
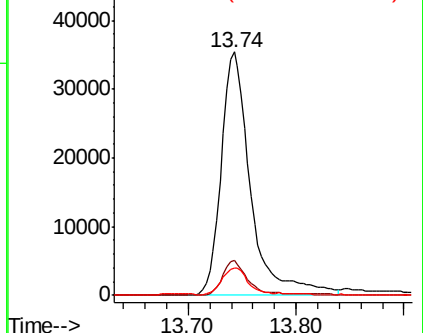
129 10.9 8.2 12.4



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: 1.873 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029880.D

Acq: 08 Mar 2019 11:31

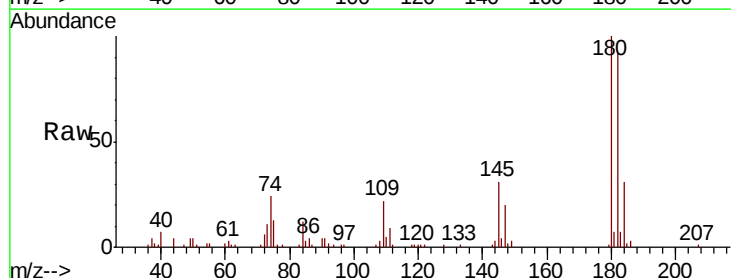
Tgt Ion:180 Resp: 42243

Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

145 30.5 24.6 36.8



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

