

Data File : VU029315.D
Acq On : 30 Jan 2019 14:50
Operator : JC/SP
Sample : VU0130WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

Quant Time: Jan 31 06:23:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	7623	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	2839	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3073	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	7101	2.019 ug/l	99
3) Chloromethane	1.32	50	5329	1.871 ug/l	99
4) Vinyl Chloride	1.39	62	5827	1.985 ug/l	100
5) Bromomethane	1.62	94	3944	2.143 ug/l	98
6) Chloroethane	1.69	64	4674	2.272 ug/l	95
7) Trichlorofluoromethane	1.88	101	11051	2.031 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	5015	2.205 ug/l	98
9) 1,1-Dichloroethene	2.28	96	4374	2.077 ug/l	95
10) Iodomethane	2.40	142	3564	1.956 ug/l	99
11) Allyl Chloride	2.58	41	10573	2.123 ug/l	99
12) Acrylonitrile	2.93	53	2499	3.943 ug/l	96
13) Acetone	2.31	43	8296	10.572 ug/l	97
14) Carbon Disulfide	2.47	76	15521	2.045 ug/l	95
15) Methylene Chloride	2.69	84	5494	1.975 ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	4833	2.041 ug/l	97
17) 1,1-Dichloroethane	3.43	63	9797	1.913 ug/l	99
18) 2-Butanone	4.28	43	7466	9.267 ug/l	93
19) Cyclohexane	4.98	56	6001	1.850 ug/l	98
20) Methylcyclohexane	6.41	83	6351	1.830 ug/l	95
21) 2,2-Dichloropropane	4.22	77	9430	2.031 ug/l	97
22) cis-1,2-Dichloroethene	4.21	96	4936	1.979 ug/l	97
23) Diethyl Ether	2.10	59	4044	1.911 ug/l	97
24) tert-Butyl Alcohol	2.83	59	5236	19.742 ug/l #	87
25) Methyl tert-Butyl Ether	2.99	73	14270	1.996 ug/l	98
26) Bromochloromethane	4.54	128	2258	2.215 ug/l	88
27) Chloroform	4.67	83	10338	2.015 ug/l	99
28) 1,1,1-Trichloroethane	4.90	97	9772	2.038 ug/l	96
29) 1,1-Dichloropropene	5.13	75	6691	1.893 ug/l	99
30) Carbon Tetrachloride	5.12	117	8331	1.987 ug/l	97
31) Isopropyl Ether	3.57	45	13691	1.823 ug/l	94
32) Ethyl-t-butyl ether	4.06	59	12500	1.813 ug/l	97
33) Tert-Amyl methyl ether	5.58	73	10830	1.850 ug/l	99
34) Propionitrile	4.32	54	1880	9.295 ug/l #	80
35) Benzene	5.38	78	19106	1.965 ug/l	97
36) 1,2-Dichloroethane	5.40	62	8114	2.016 ug/l	96
37) Trichloroethene	6.18	130	5111	2.088 ug/l	90
38) 1,2-Dichloropropane	6.43	63	5031	1.891 ug/l	97
39) Methacrylonitrile	4.54	41	1739	1.792 ug/l #	91
40) Methyl acrylate	4.42	55	2283	1.740 ug/l #	72
41) Tetrahydrofuran	4.64	42	1724	3.802 ug/l #	86
42) 1-Chlorobutane	5.06	56	9814	1.812 ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	2671	2.013	ug/l	99
44) Bromodichloromethane	6.75	83	7871	2.039	ug/l	95
45) 4-Methyl-2-Pentanone	7.46	43	16937	9.227	ug/l	95
46) t-1,4-Dichloro-2-butene	10.49	75	3604	5.823	ug/l #	73
47) Methyl methacrylate	6.63	69	4111	3.664	ug/l	95
48) Ethyl methacrylate	8.02	69	3918	1.832	ug/l	93
49) Toluene	7.63	92	10634	1.885	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	6585	1.995	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	6837	1.877	ug/l	95
52) 1,1,2-Trichloroethane	8.06	97	3510	2.018	ug/l	95
53) 1,3-Dichloropropane	8.24	76	6122	1.876	ug/l	100
54) 2-Hexanone	8.36	43	11874	9.141	ug/l	96
55) Dibromochloromethane	8.48	129	4732	2.018	ug/l	95
56) 1,2-Dibromoethane	8.58	107	3230	2.020	ug/l	96
58) Tetrachloroethene	8.22	164	4682	2.015	ug/l	93
59) Chlorobenzene	9.12	112	11752	1.916	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	5201	2.054	ug/l	96
61) Pentachloroethane	11.10	117	3970	2.036	ug/l	99
62) Hexachloroethane	12.14	117	3780	2.018	ug/l	98
63) Ethyl Benzene	9.25	91	19536	1.822	ug/l	98
64) m/p-Xylenes	9.37	106	15106	3.751	ug/l	99
65) o-Xylene	9.78	106	7354	1.904	ug/l	99
66) Styrene	9.79	104	12718	1.911	ug/l	98
67) Bromoform	9.95	173	2728	2.012	ug/l #	97
69) Isopropylbenzene	10.16	105	19831	1.856	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	4479	1.927	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	3604	1.826	ug/l #	92
72) Bromobenzene	10.45	156	5124	1.943	ug/l	99
73) n-propylbenzene	10.58	120	5726	1.991	ug/l	98
74) 2-Chlorotoluene	10.66	126	5062	2.021	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	18240	1.926	ug/l	98
76) 4-Chlorotoluene	10.77	126	5014	1.887	ug/l	95
77) tert-Butylbenzene	11.10	119	17861	1.963	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	18432	1.910	ug/l	98
79) sec-Butylbenzene	11.32	105	23287	1.956	ug/l	97
80) Nitrobenzene	12.87	77	745	10.112	ug/l #	81
81) p-Isopropyltoluene	11.47	119	18714	1.858	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	11149	2.039	ug/l	97
83) 1,4-Dichlorobenzene	11.50	146	11115	2.018	ug/l	96
84) n-Butylbenzene	11.89	91	18465	1.887	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	9970	2.015	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	827	1.938	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.50	180	6417	1.917	ug/l	99
88) Hexachlorobutadiene	13.69	225	4514	2.114	ug/l	96
89) Naphthalene	13.74	128	9244	1.720	ug/l	97
90) 1,2,3-Trichlorobenzene	13.99	180	6245	2.006	ug/l	93

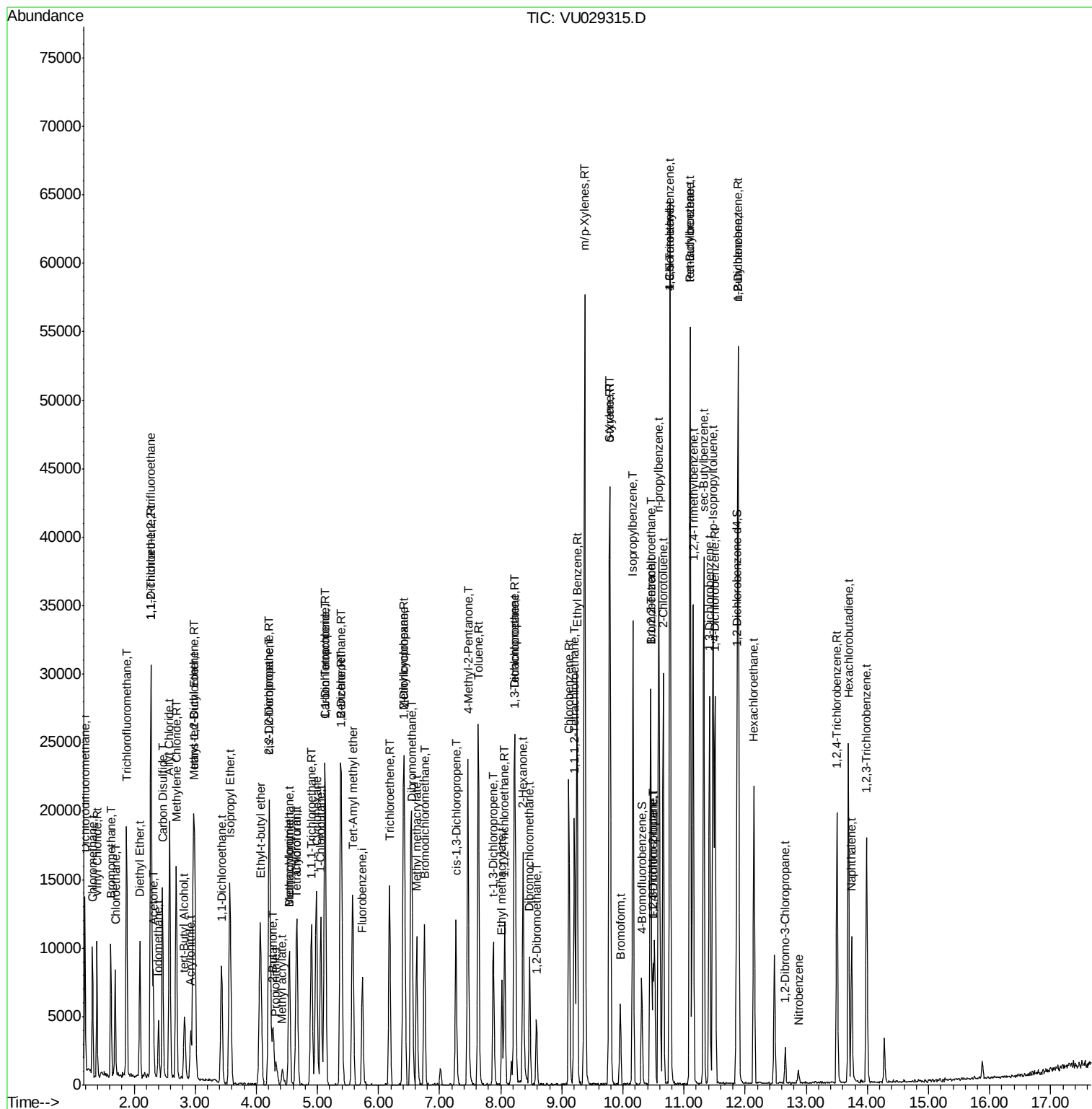
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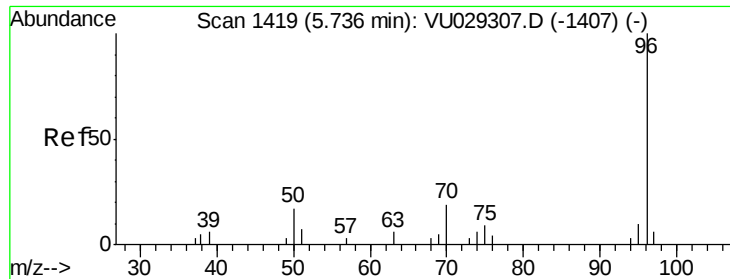
Data File : VU029315.D

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

Tgt Ion: 96 Resp: 7623

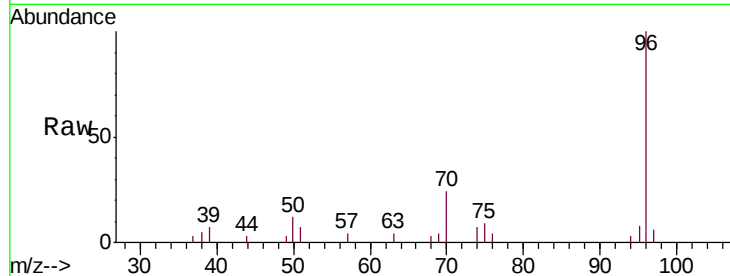
Ion Ratio Lower Upper

96 100

70 20.8 16.2 24.2

95 7.8 7.4 11.2

97 5.2 0.0 0.0#

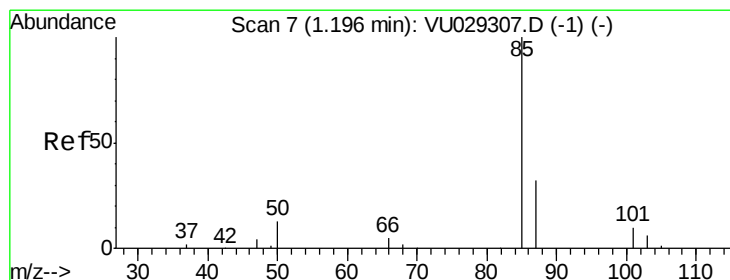
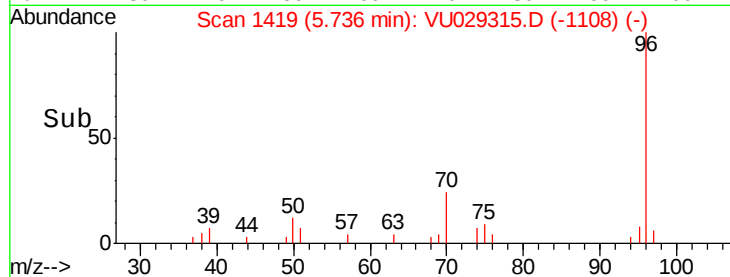
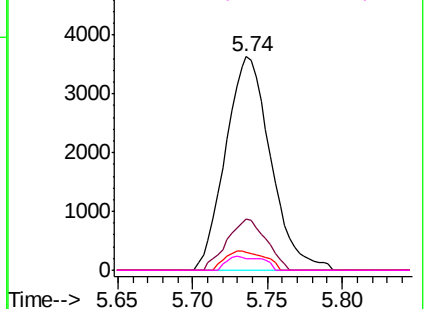


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 2.019 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VU029315.D

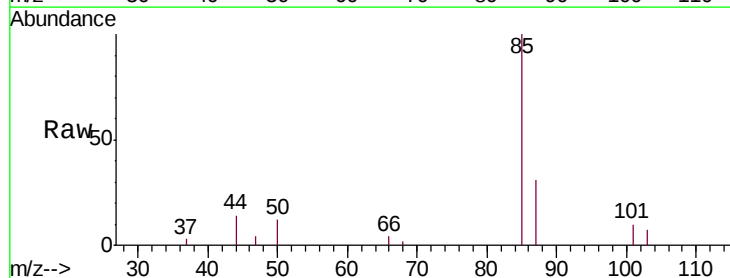
Acq: 30 Jan 2019 14:50

Tgt Ion: 85 Resp: 7101

Ion Ratio Lower Upper

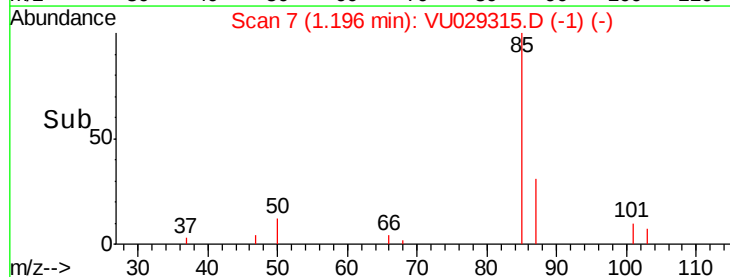
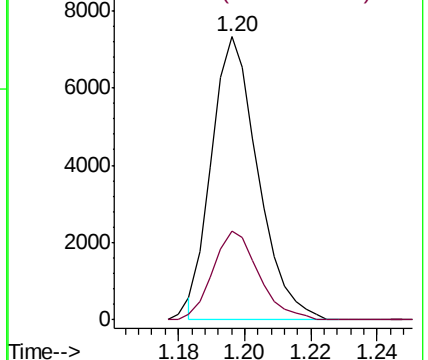
85 100

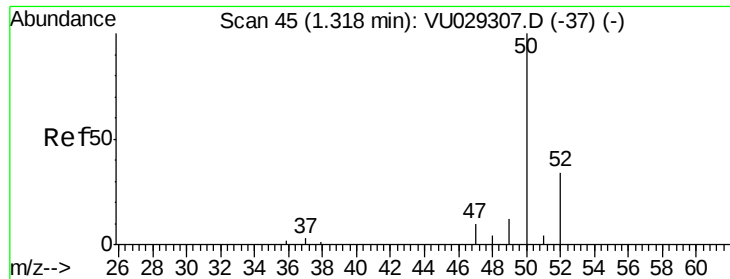
87 31.2 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.871 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

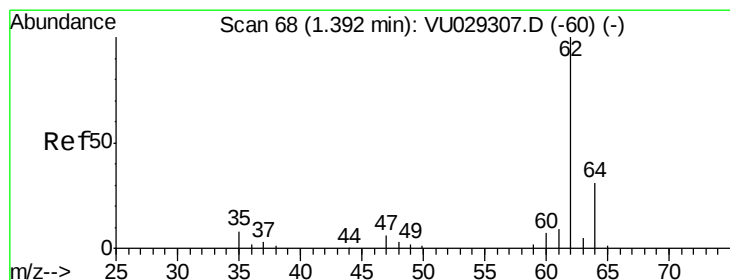
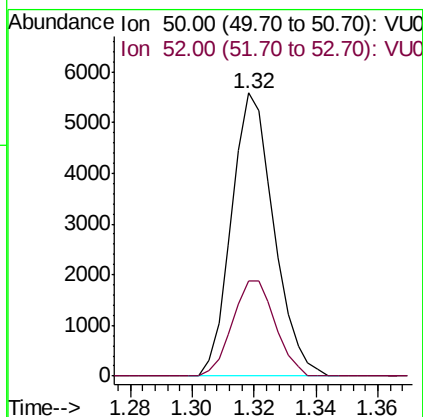
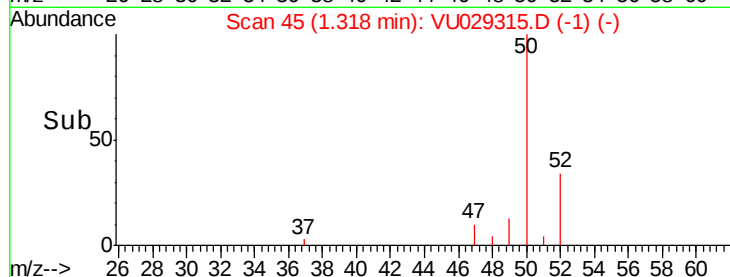
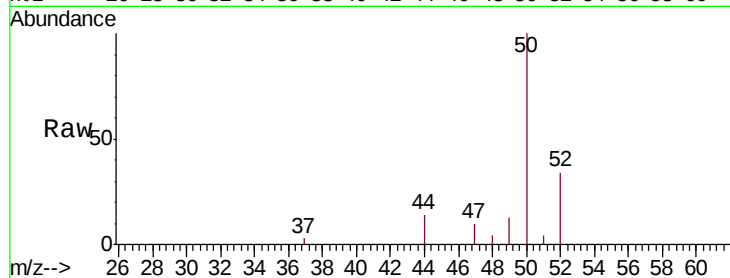
VU0130WBS01

Tgt Ion: 50 Resp: 5329

Ion Ratio Lower Upper

50 100

52 33.6 27.3 40.9



#4

Vinyl Chloride

Concen: 1.985 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029315.D

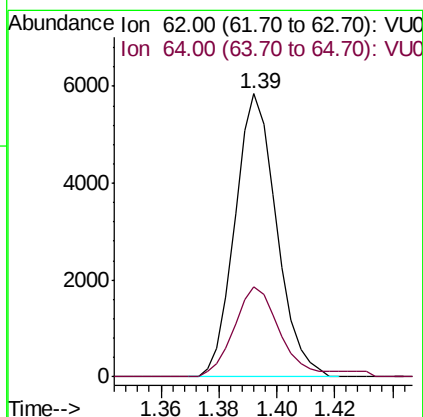
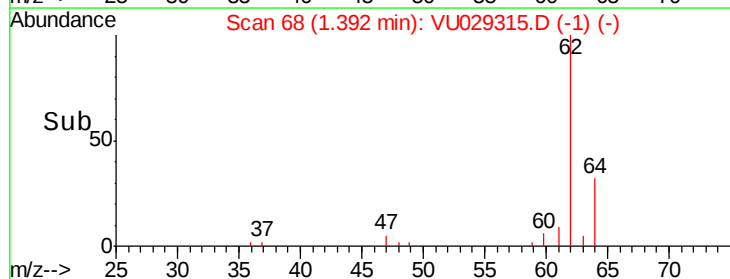
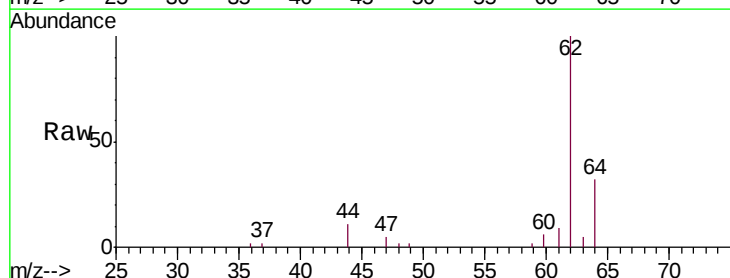
Acq: 30 Jan 2019 14:50

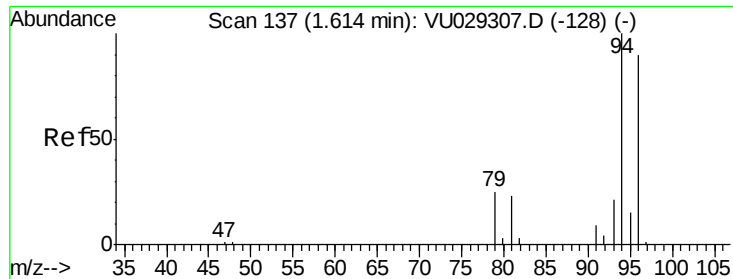
Tgt Ion: 62 Resp: 5827

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 2.143 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.01 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

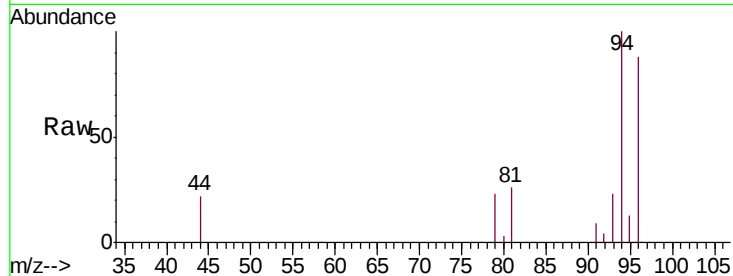
VU0130WBS01

Tgt Ion: 94 Resp: 3944

Ion Ratio Lower Upper

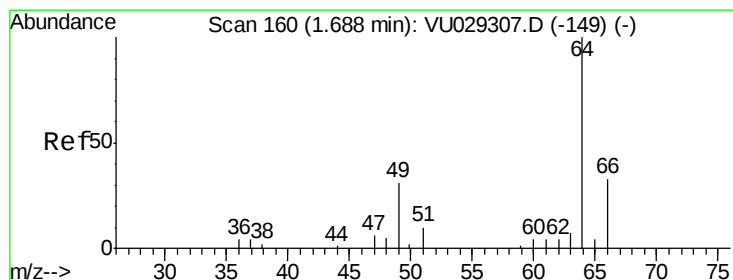
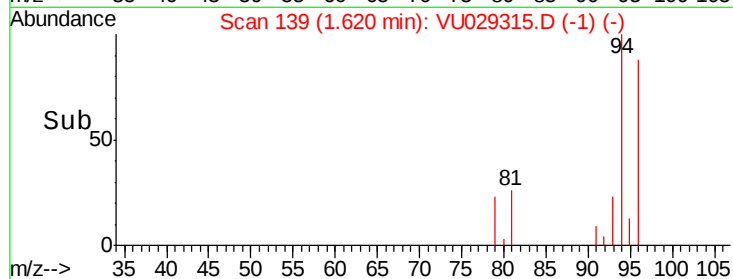
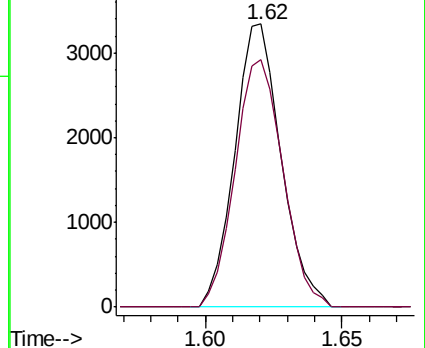
94 100

96 87.5 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.272 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.00 min

Lab File: VU029315.D

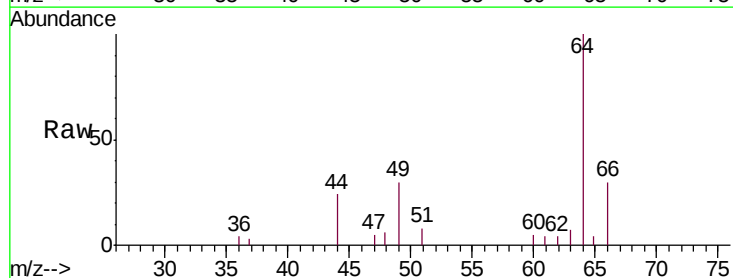
Acq: 30 Jan 2019 14:50

Tgt Ion: 64 Resp: 4674

Ion Ratio Lower Upper

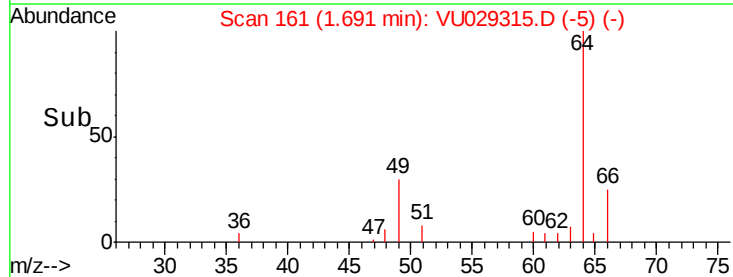
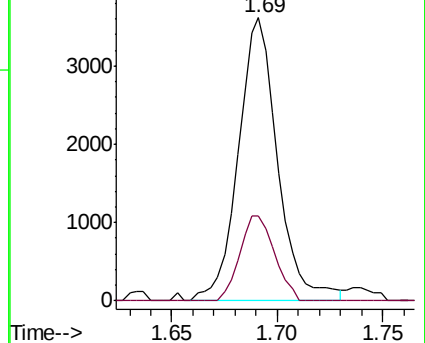
64 100

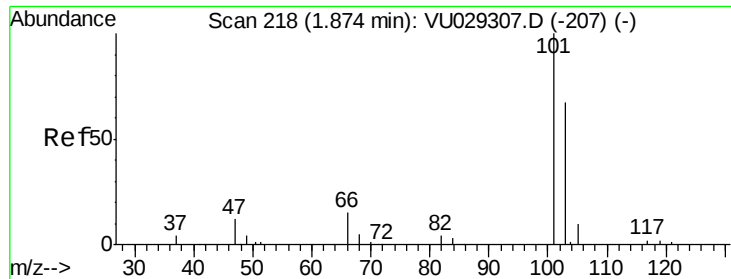
66 30.2 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



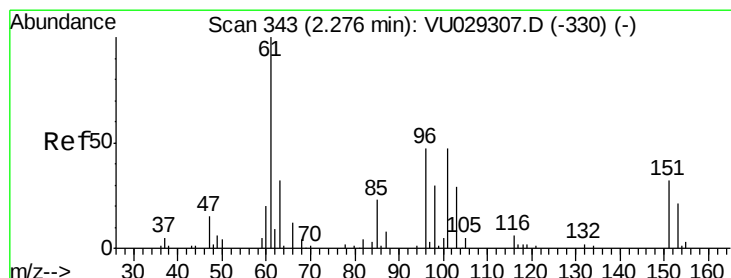
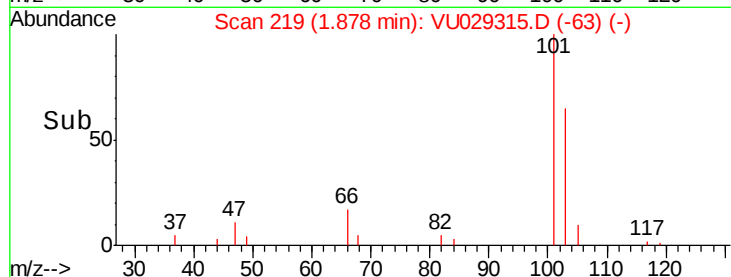
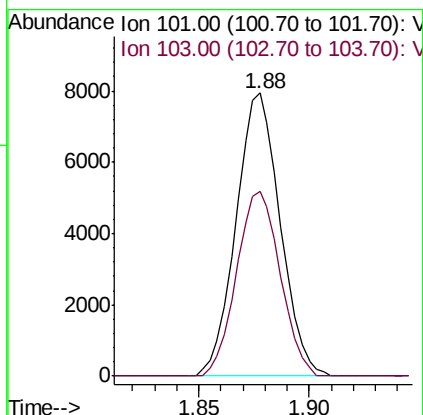
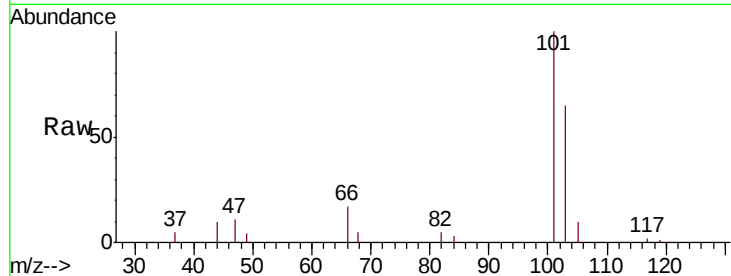


#7

Trichlorofluoromethane
 Concen: 2.031 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

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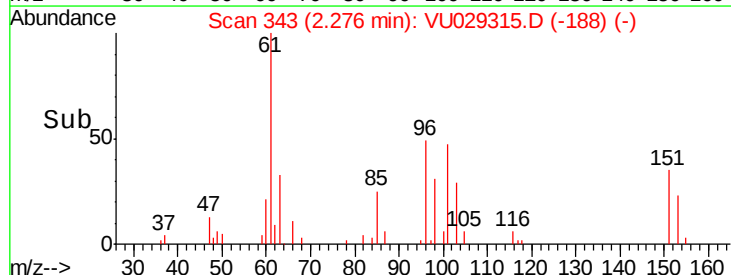
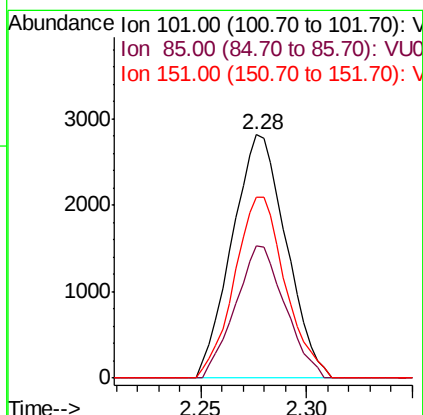
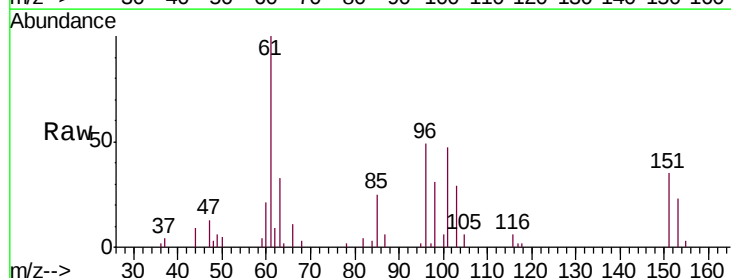
Tgt Ion:101 Resp: 11051
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.9 80.9

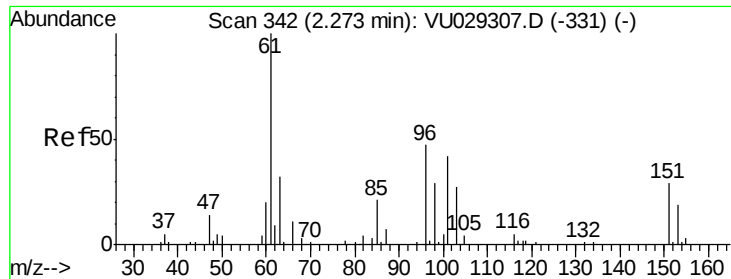


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.205 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:101 Resp: 5015
 Ion Ratio Lower Upper
 101 100
 85 49.8 40.3 60.5
 151 70.1 58.1 87.1





#9

1,1-Dichloroethene

Concen: 2.077 ug/l

RT: 2.28 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

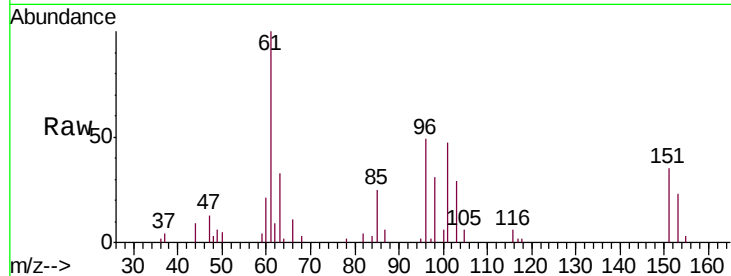
Tgt Ion: 96 Resp: 4374

Ion Ratio Lower Upper

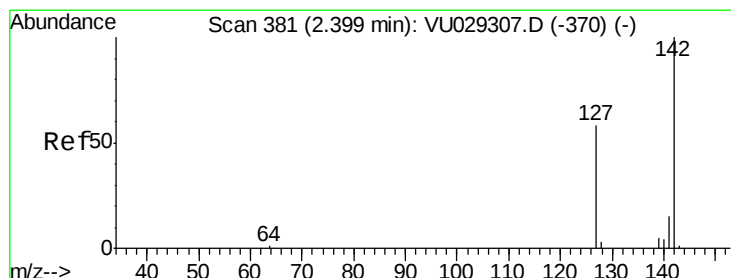
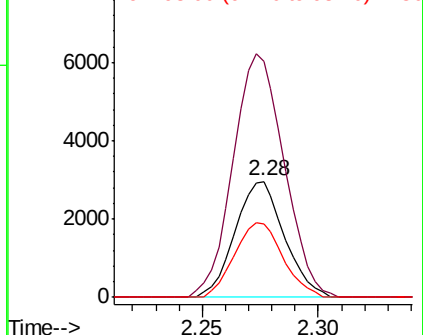
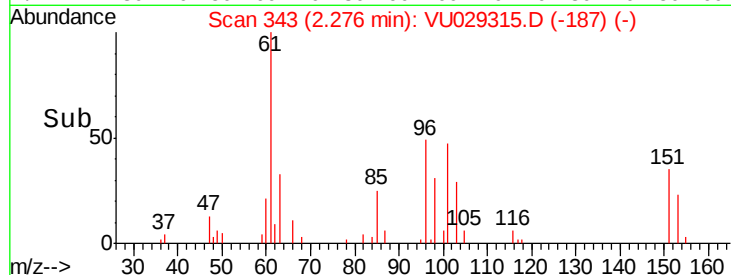
96 100

61 203.9 0.0 641.4

98 63.3 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU029315.D (-187) (-)



#10

Iodomethane

Concen: 1.956 ug/l

RT: 2.40 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029315.D

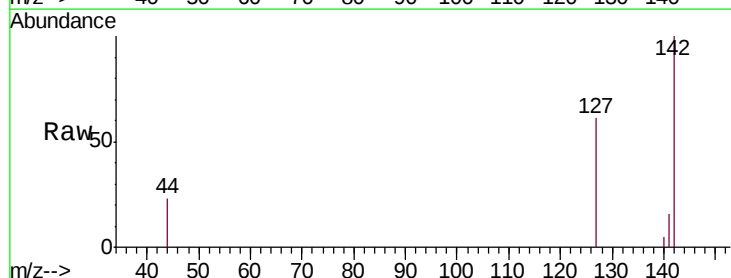
Acq: 30 Jan 2019 14:50

Tgt Ion: 142 Resp: 3564

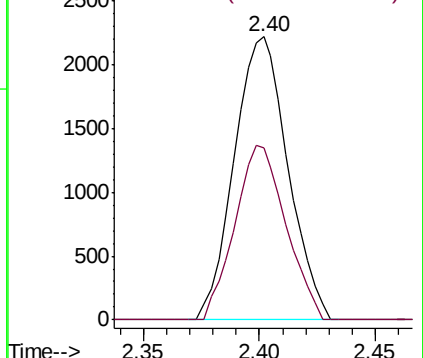
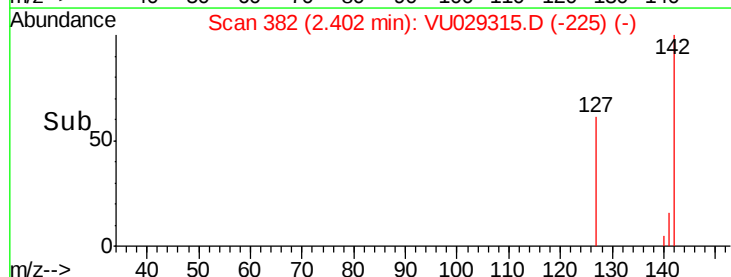
Ion Ratio Lower Upper

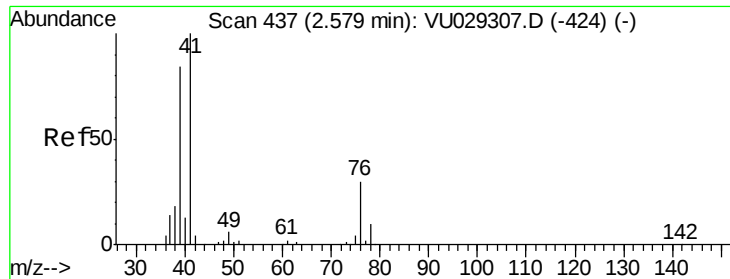
142 100

127 58.6 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): VU029315.D (-225) (-)

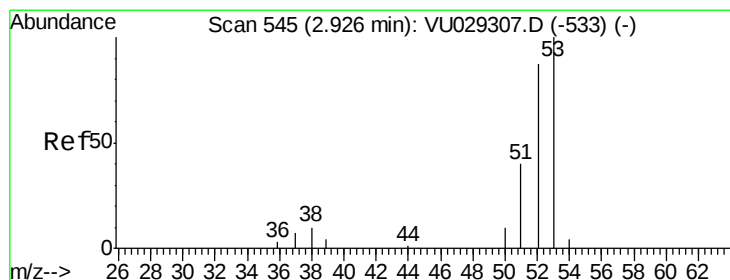
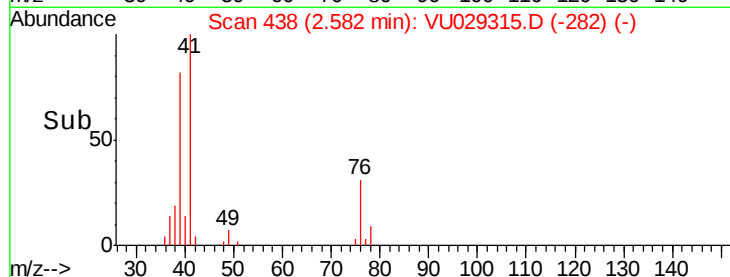
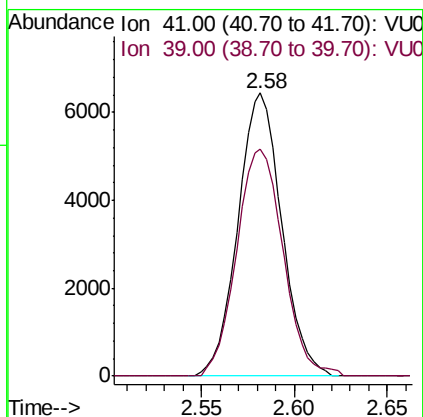
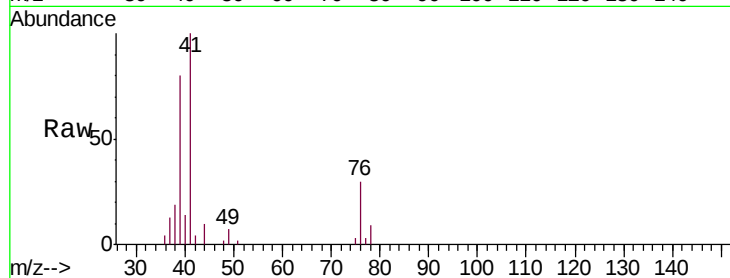




#11
 Allyl Chloride
 Concen: 2.123 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

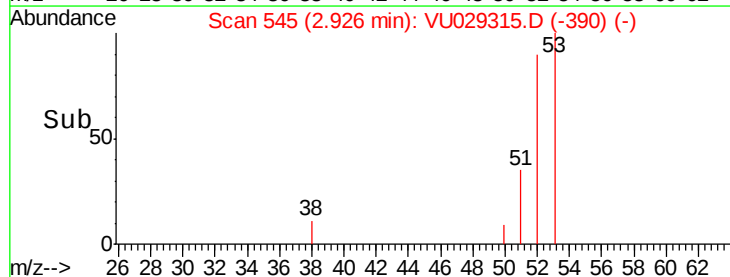
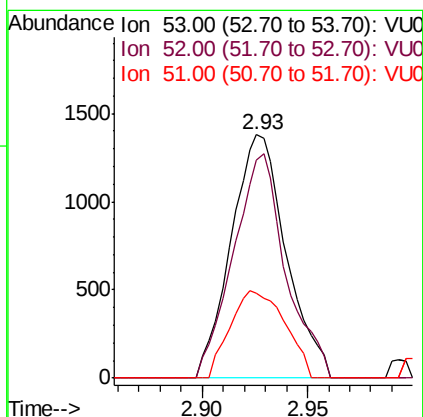
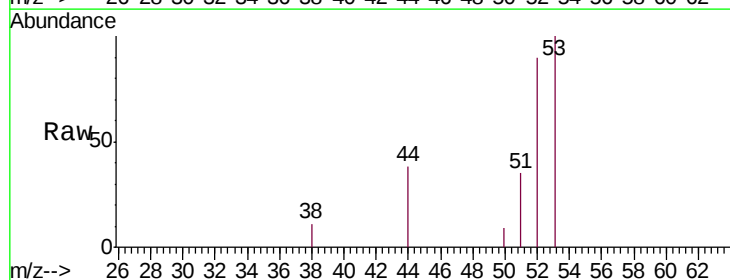
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

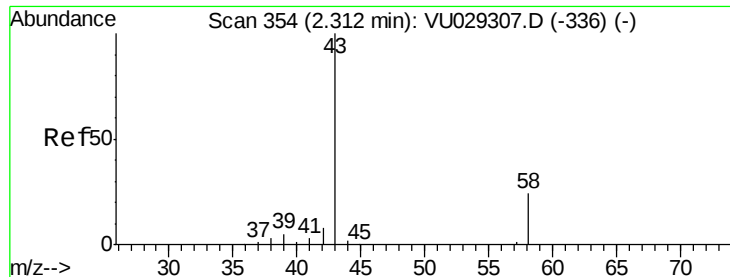
Tgt Ion: 41 Resp: 10573
 Ion Ratio Lower Upper
 41 100
 39 85.2 67.2 100.8



#12
 Acrylonitrile
 Concen: 3.943 ug/l
 RT: 2.93 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 53 Resp: 2499
 Ion Ratio Lower Upper
 53 100
 52 88.1 67.6 101.4
 51 35.7 31.0 46.4





#13

Acetone

Concen: 10.572 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

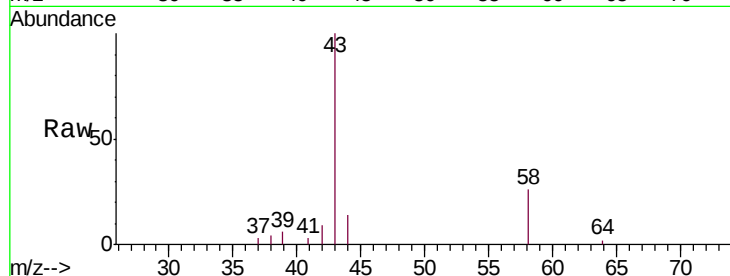
VU0130WBS01

Tgt Ion: 43 Resp: 8296

Ion Ratio Lower Upper

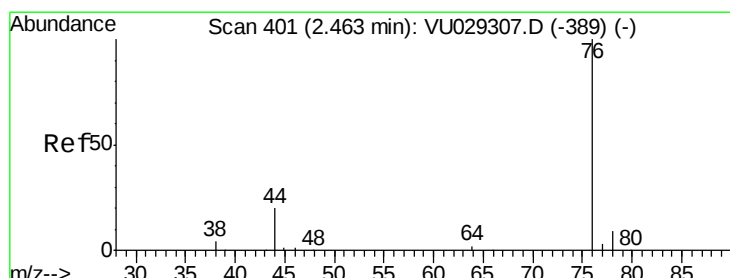
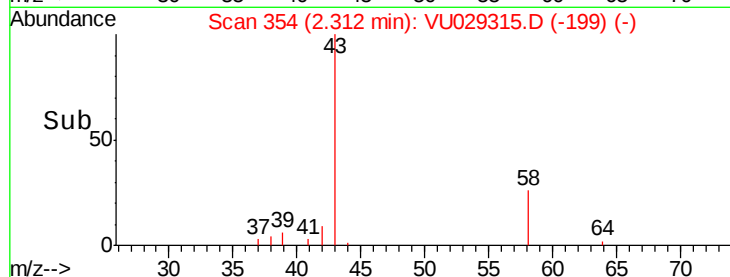
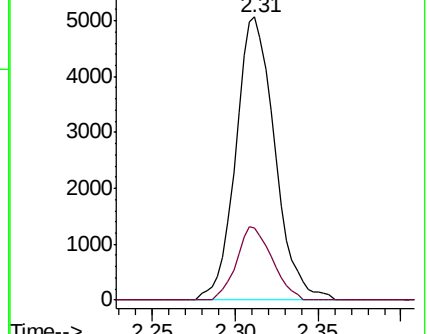
43 100

58 25.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 2.045 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029315.D

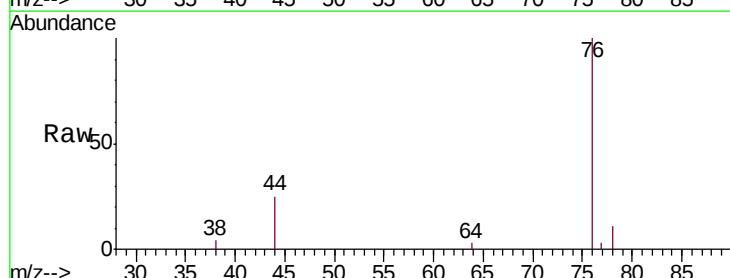
Acq: 30 Jan 2019 14:50

Tgt Ion: 76 Resp: 15521

Ion Ratio Lower Upper

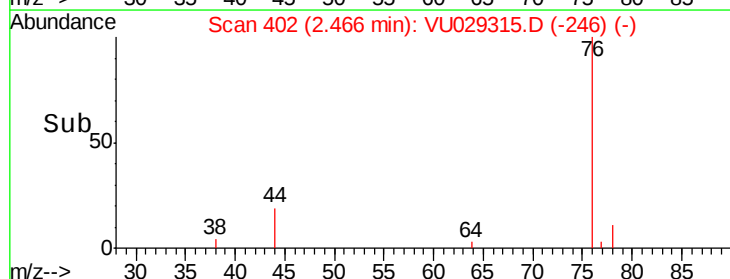
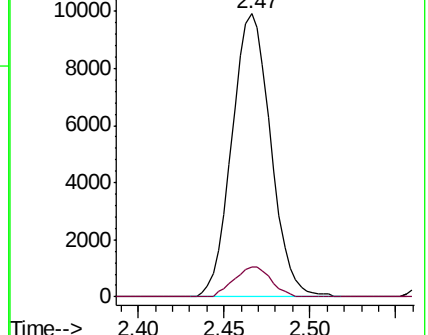
76 100

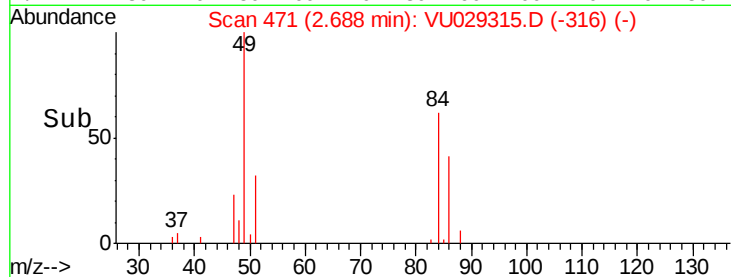
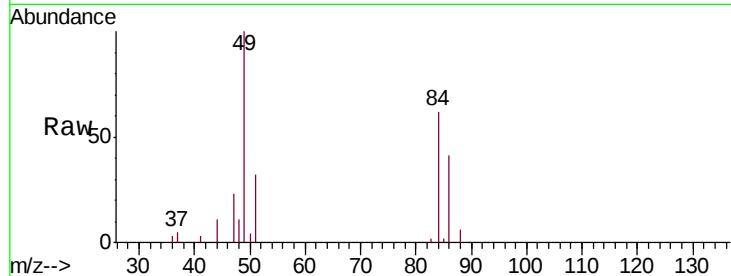
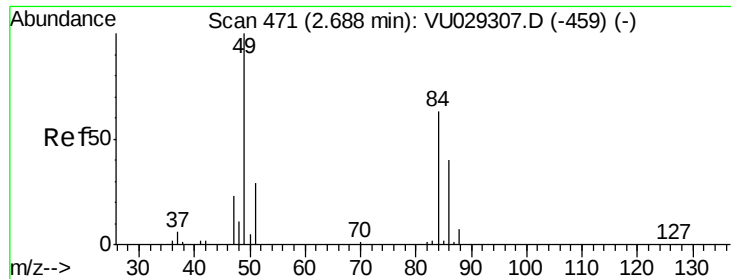
78 10.6 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

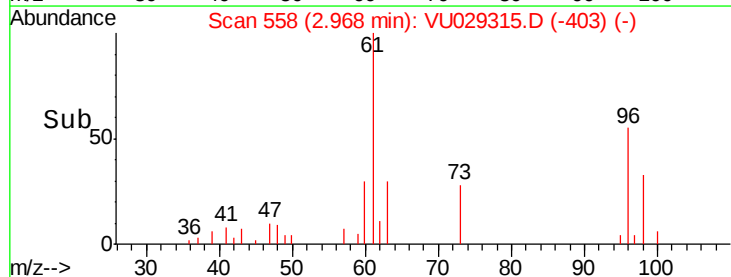
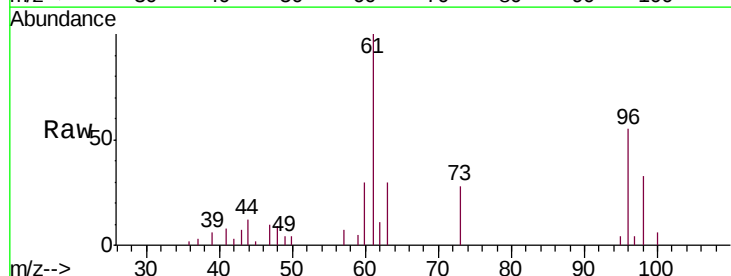
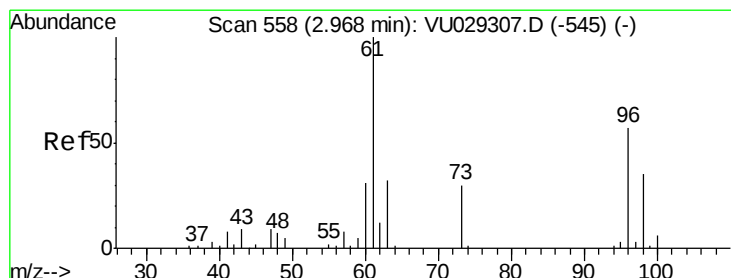
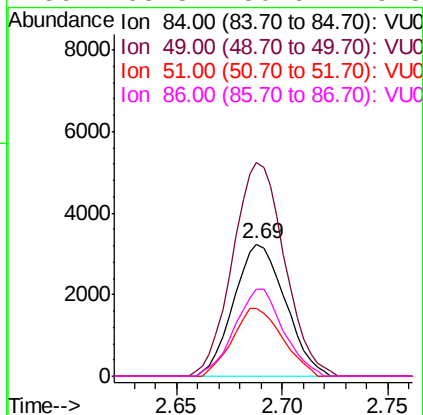




#15
Methylene Chloride
Concen: 1.975 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

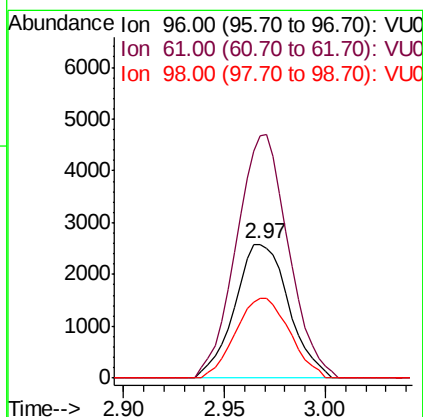
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

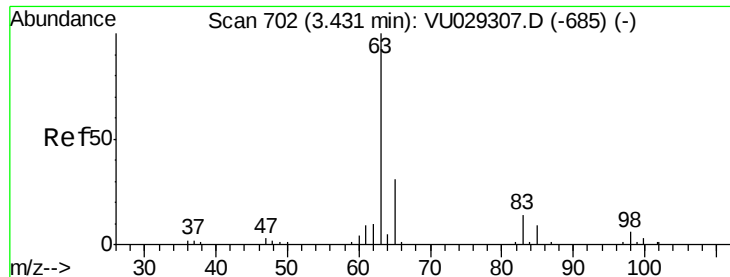
Tgt Ion:	84	Resp:	5494
Ion	Ratio	Lower	Upper
84	100		
49	161.2	127.0	190.6
51	51.5	0.0	93.4
86	65.8	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 2.041 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion:	96	Resp:	4833
Ion	Ratio	Lower	Upper
96	100		
61	180.8	140.6	210.8
98	59.6	49.3	73.9

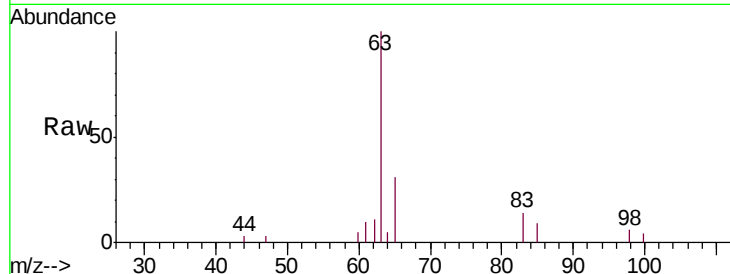




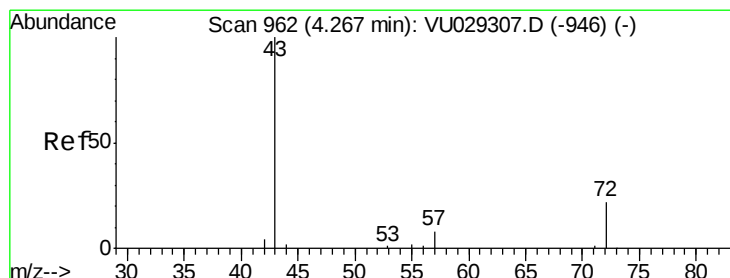
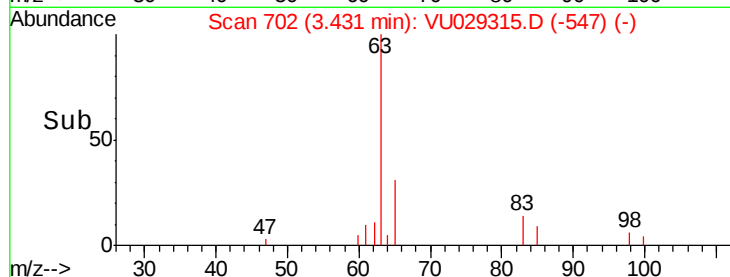
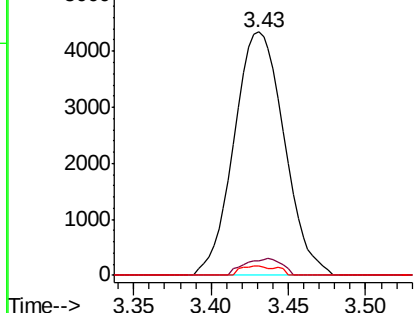
#17
 1,1-Dichloroethane
 Concen: 1.913 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Tgt Ion: 63 Resp: 9797
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 3.8 1.7 5.1

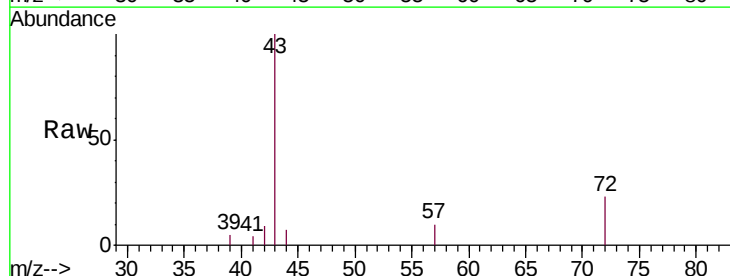


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

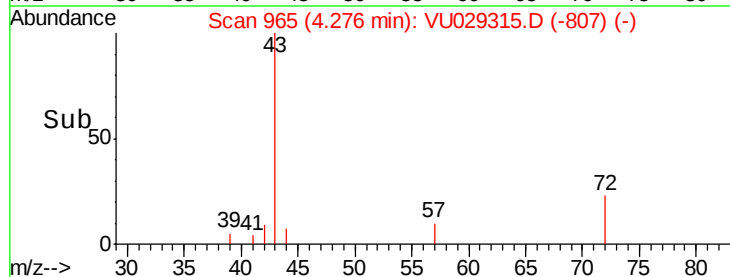
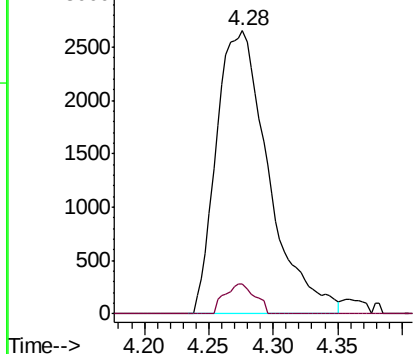


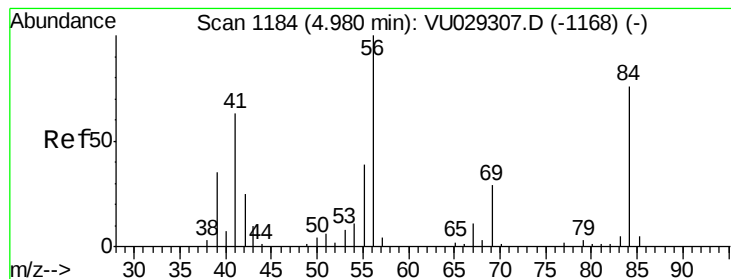
#18
 2-Butanone
 Concen: 9.267 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 43 Resp: 7466
 Ion Ratio Lower Upper
 43 100
 57 10.4 0.0 15.8



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





#19

Cyclohexane

Concen: 1.850 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

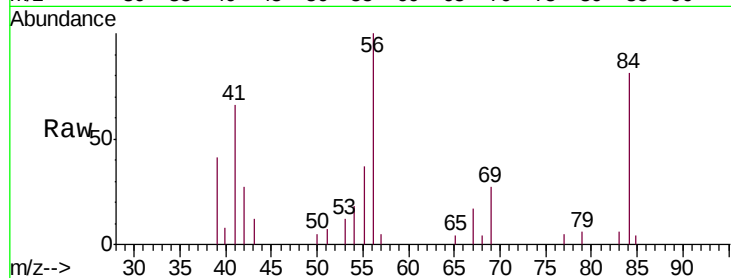
Tgt Ion: 56 Resp: 6001

Ion Ratio Lower Upper

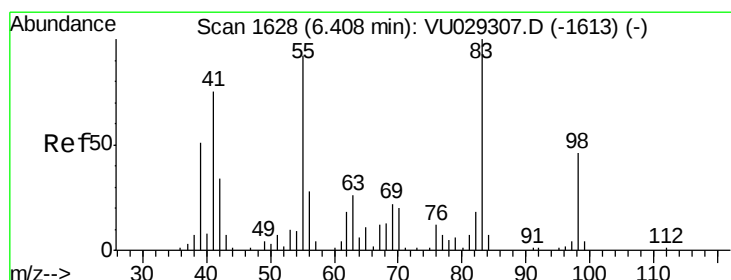
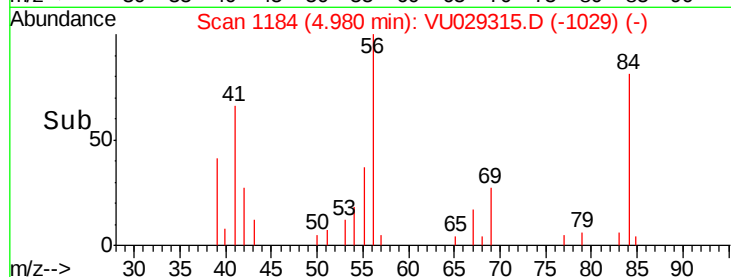
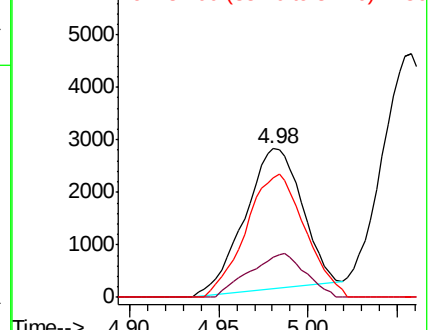
56 100

69 30.3 26.8 40.2

84 90.4 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.830 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

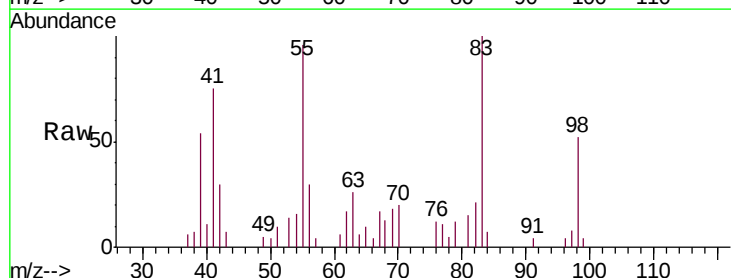
Tgt Ion: 83 Resp: 6351

Ion Ratio Lower Upper

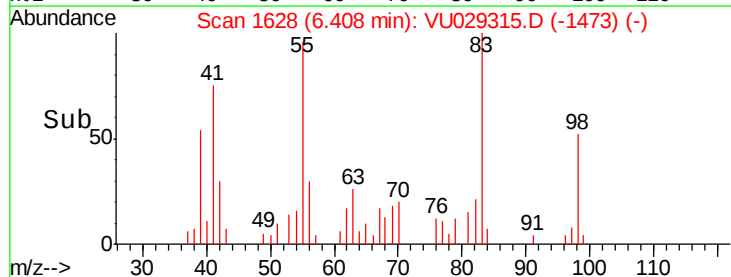
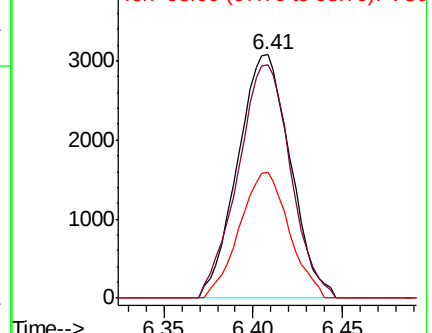
83 100

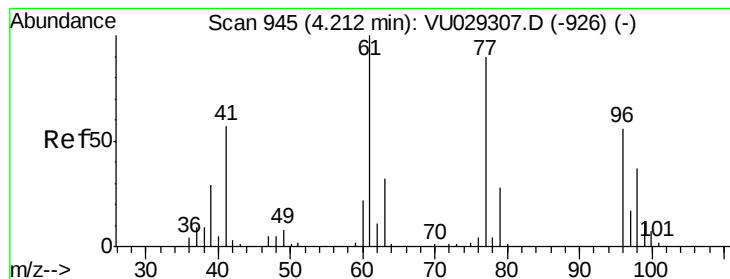
55 95.8 72.4 108.6

98 48.5 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 2.031 ug/l

RT: 4.22 min Scan# 946

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

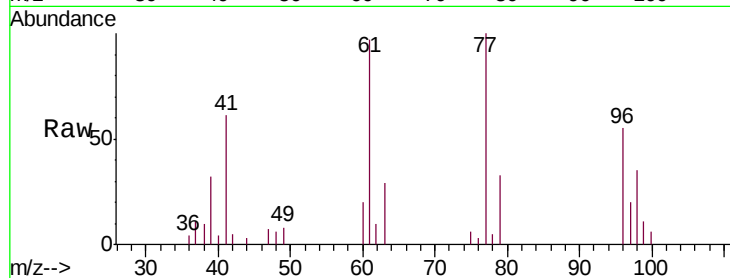
VU0130WBS01

Tgt Ion: 77 Resp: 9430

Ion Ratio Lower Upper

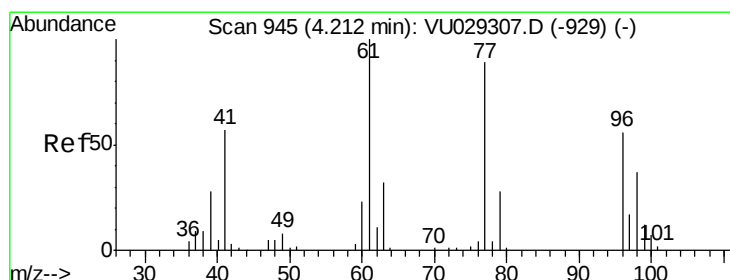
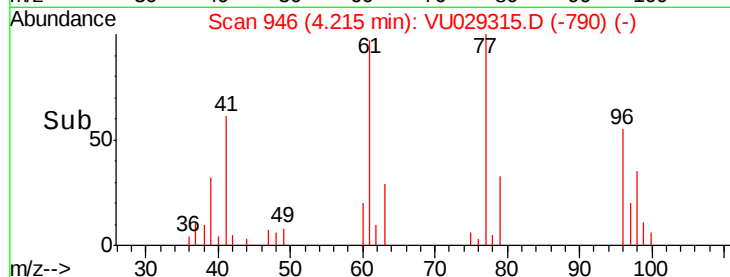
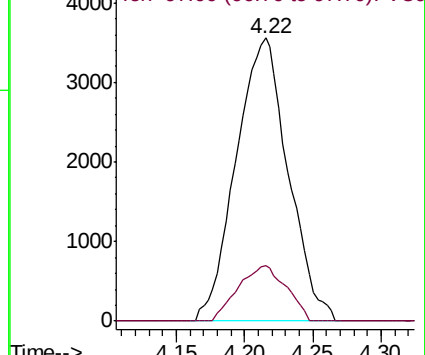
77 100

97 18.1 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU029315.D (-790) (-)

Ion 97.00 (96.70 to 97.70): VU029315.D (-790) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.979 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

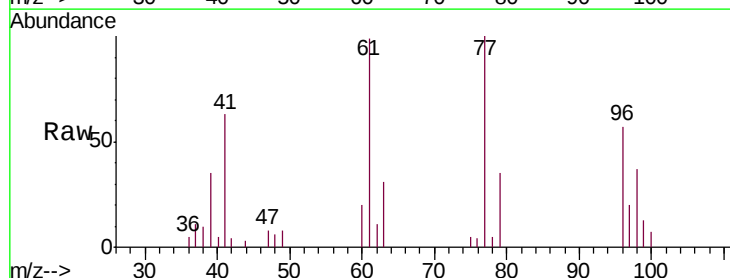
Tgt Ion: 96 Resp: 4936

Ion Ratio Lower Upper

96 100

61 179.7 0.0 460.0

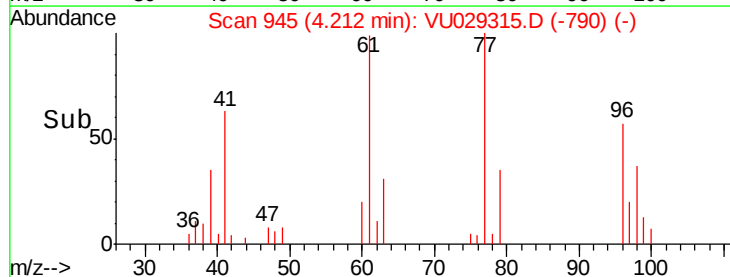
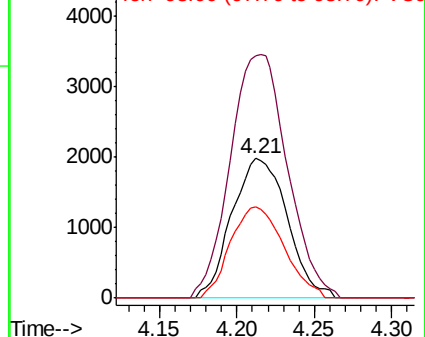
98 63.2 32.6 97.7

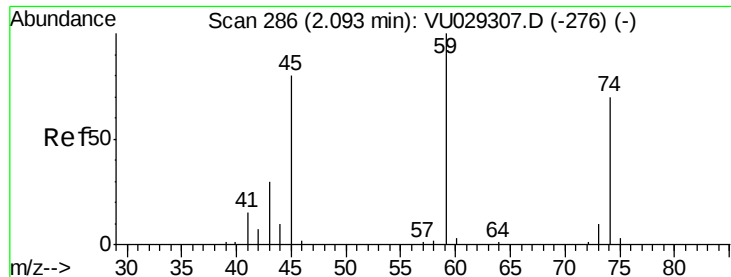


Abundance Ion 96.00 (95.70 to 96.70): VU029315.D (-790) (-)

Ion 61.00 (60.70 to 61.70): VU029315.D (-790) (-)

Ion 98.00 (97.70 to 98.70): VU029315.D (-790) (-)

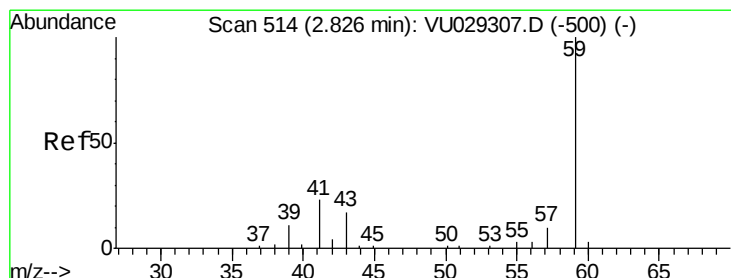
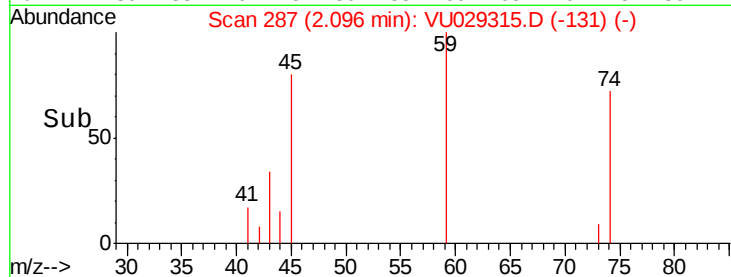
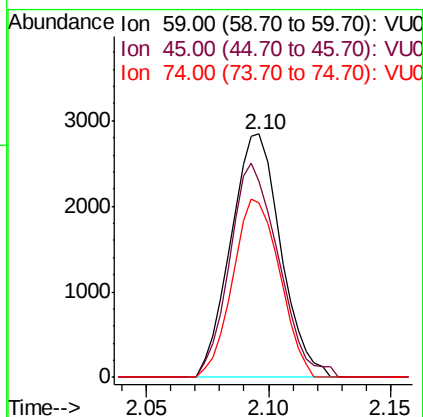
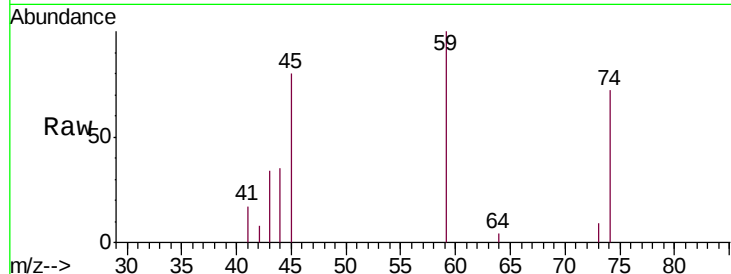




#23
Diethyl Ether
Concen: 1.911 ug/l
RT: 2.10 min Scan# 287
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

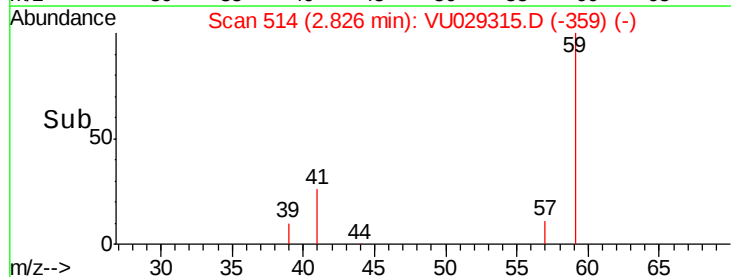
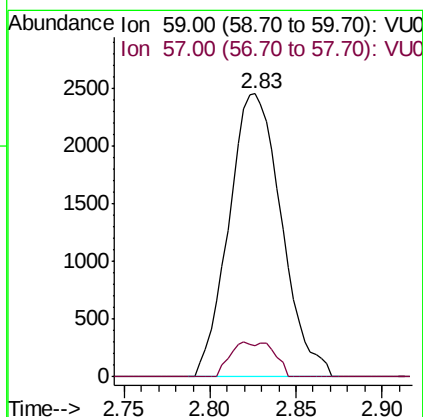
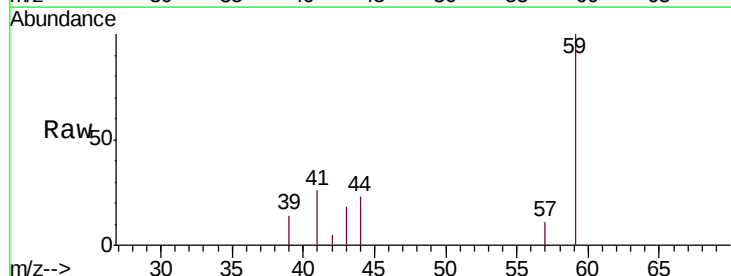
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

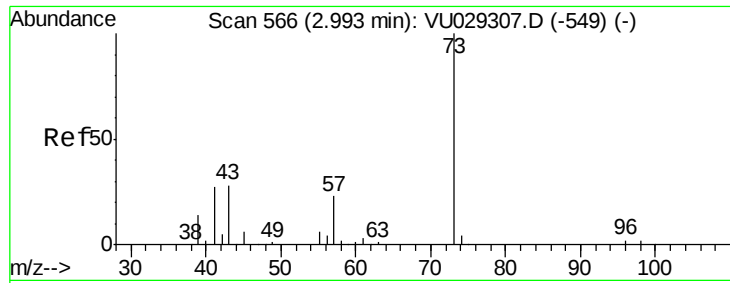
Tgt Ion: 59 Resp: 4044
Ion Ratio Lower Upper
59 100
45 85.9 64.2 96.4
74 69.0 55.3 82.9



#24
tert-Butyl Alcohol
Concen: 19.742 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion: 59 Resp: 5236
Ion Ratio Lower Upper
59 100
57 6.0 8.8 13.2#





#25

Methyl tert-Butyl Ether

Concen: 1.996 ug/l

RT: 2.99 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

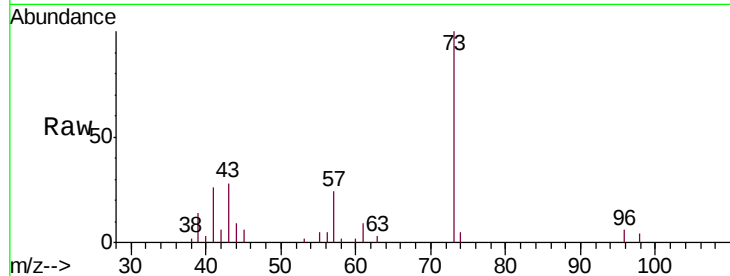
VU0130WBS01

Tgt Ion: 73 Resp: 14270

Ion Ratio Lower Upper

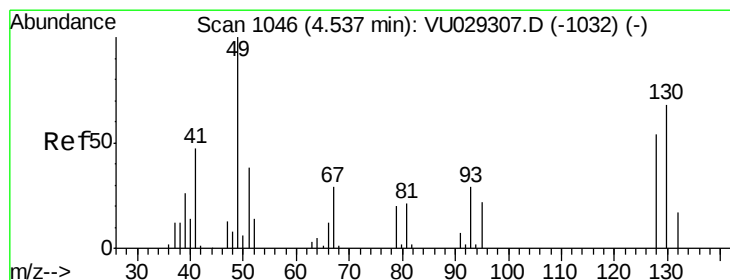
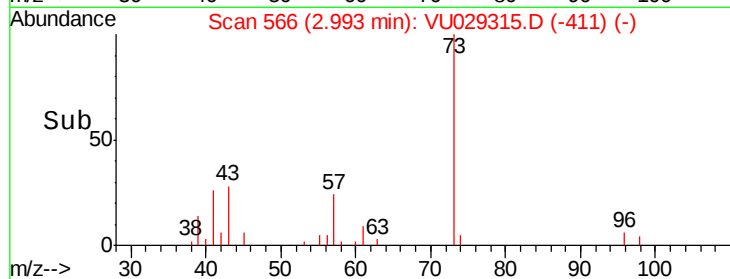
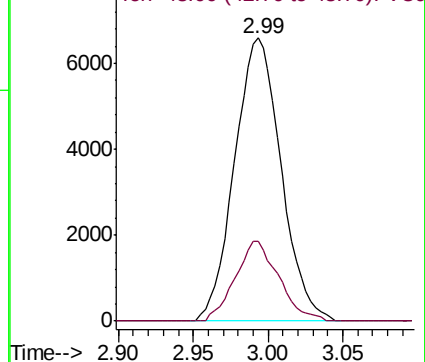
73 100

43 26.3 22.1 33.1



Abundance Ion 73.00 (72.70 to 73.70): VU029315.D (-411) (-)

Ion 43.00 (42.70 to 43.70): VU029315.D (-411) (-)



#26

Bromochloromethane

Concen: 2.215 ug/l

RT: 4.54 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

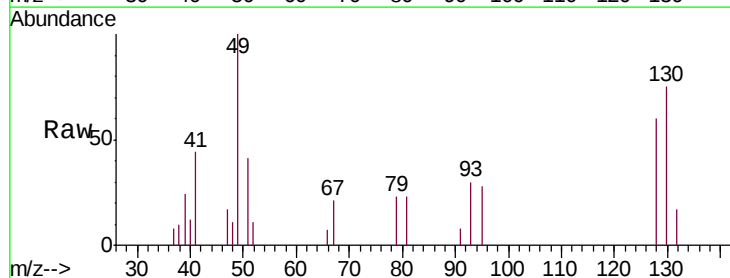
Tgt Ion: 128 Resp: 2258

Ion Ratio Lower Upper

128 100

49 174.7 0.0 401.6

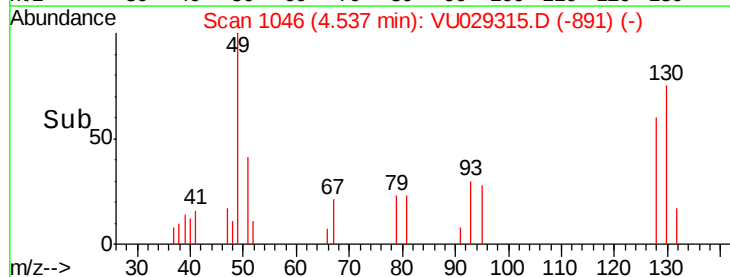
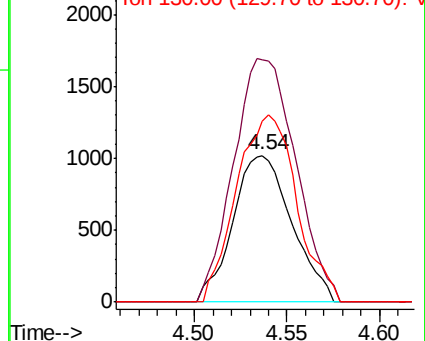
130 130.3 108.0 162.0

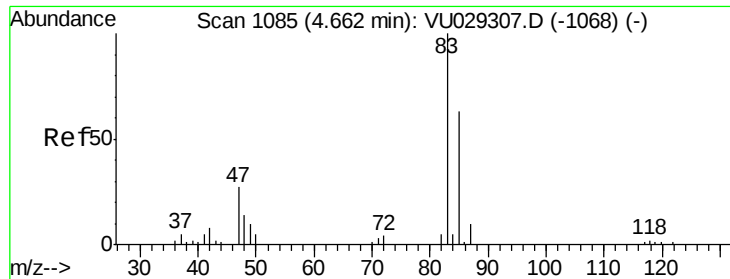


Abundance Ion 128.00 (127.70 to 128.70): VU029315.D (-891) (-)

Ion 49.00 (48.70 to 49.70): VU029315.D (-891) (-)

Ion 130.00 (129.70 to 130.70): VU029315.D (-891) (-)

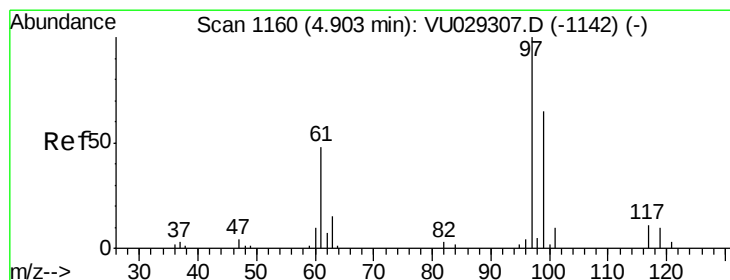
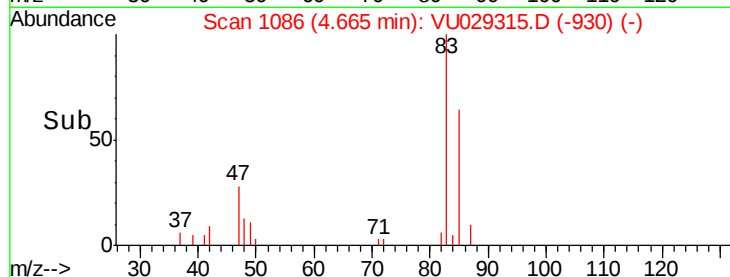
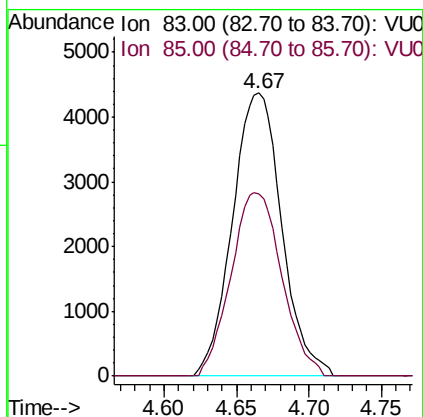
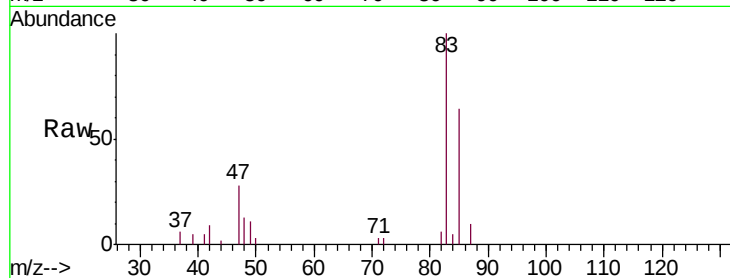




#27
Chloroform
Concen: 2.015 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

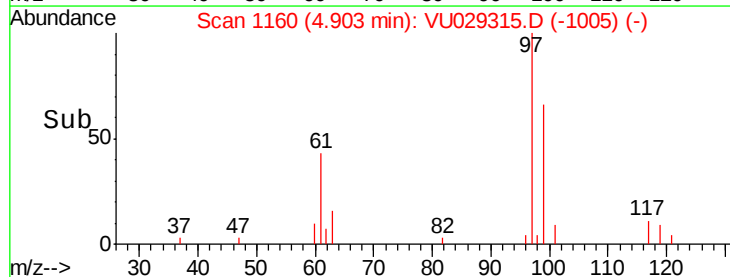
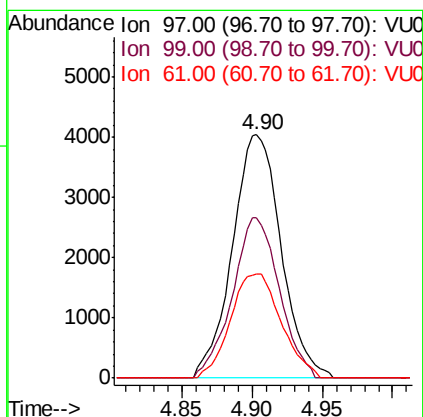
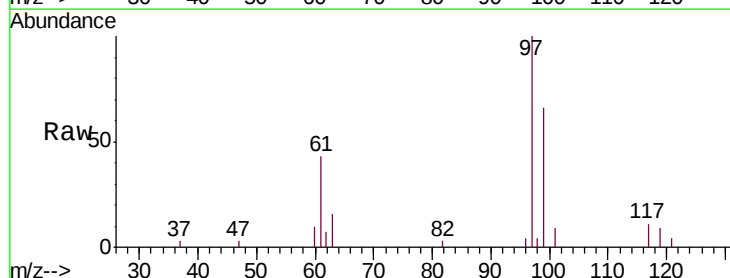
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

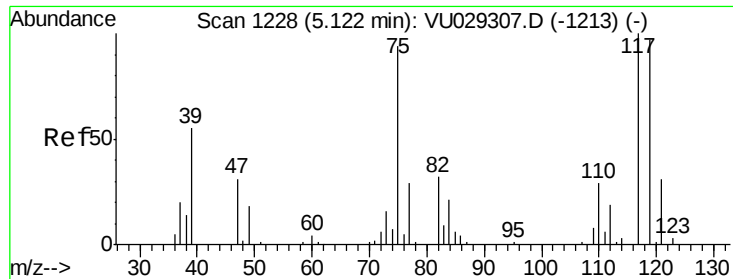
Tgt Ion: 83 Resp: 10338
Ion Ratio Lower Upper
83 100
85 64.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 2.038 ug/l
RT: 4.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion: 97 Resp: 9772
Ion Ratio Lower Upper
97 100
99 63.4 32.4 97.2
61 44.4 24.4 73.2

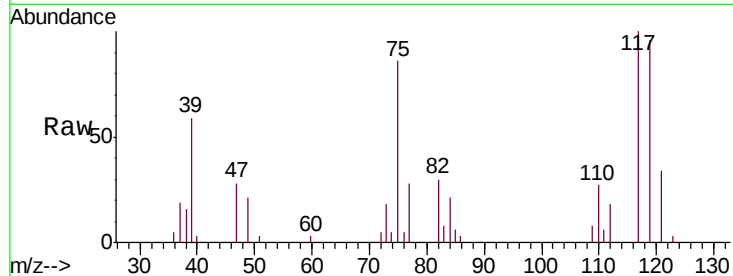




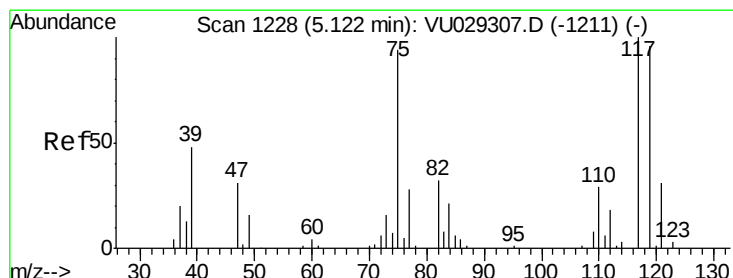
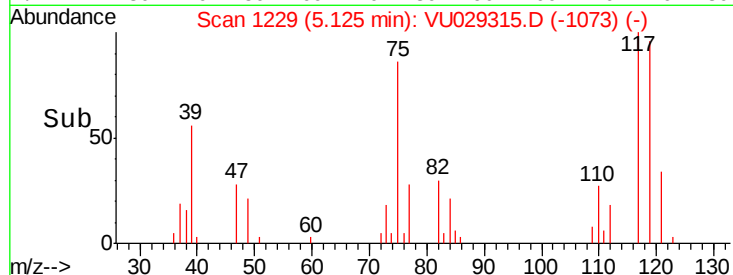
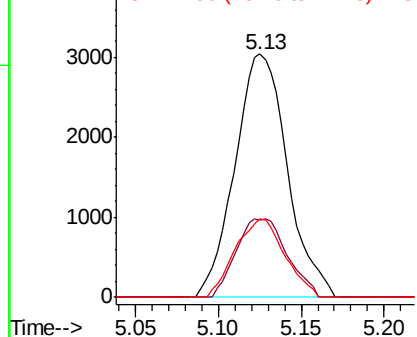
#29
 1,1-Dichloropropene
 Concen: 1.893 ug/l
 RT: 5.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Tgt Ion: 75 Resp: 6691
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.4 46.2
 77 30.5 24.1 36.1

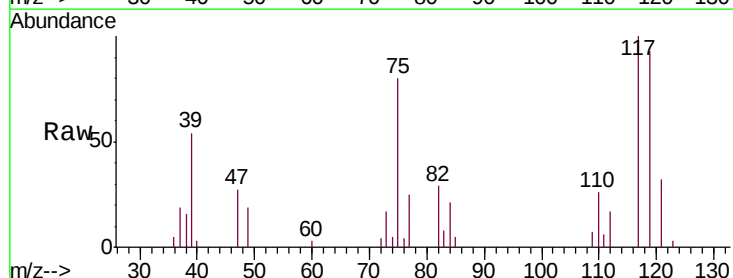


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0

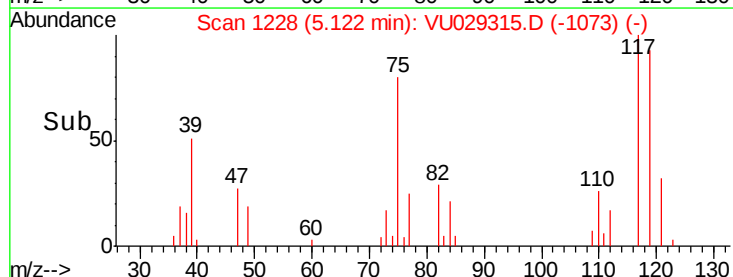
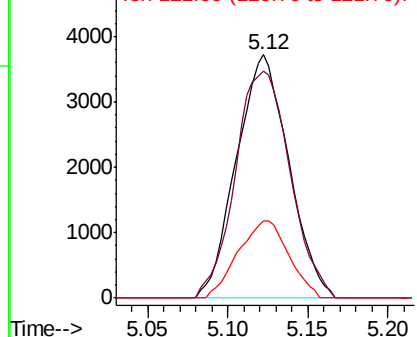


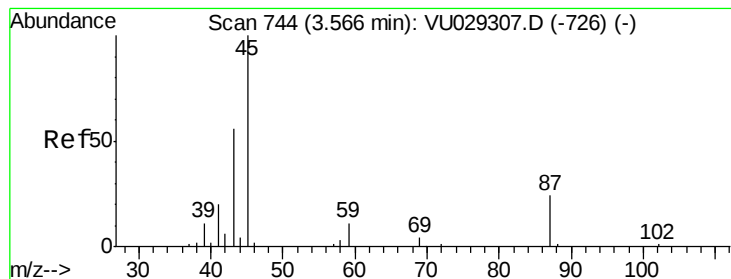
#30
 Carbon Tetrachloride
 Concen: 1.987 ug/l
 RT: 5.12 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 117 Resp: 8331
 Ion Ratio Lower Upper
 117 100
 119 93.3 76.8 115.2
 121 31.5 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 1.823 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

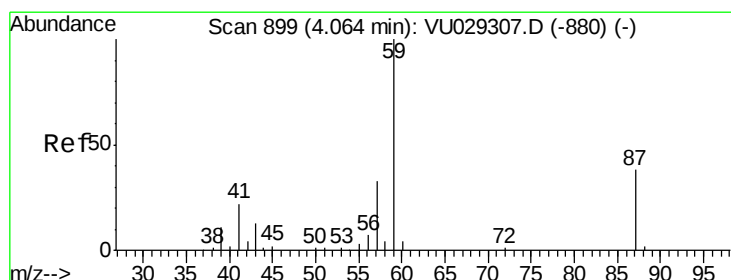
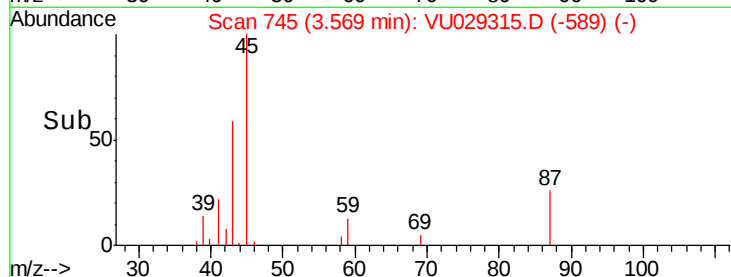
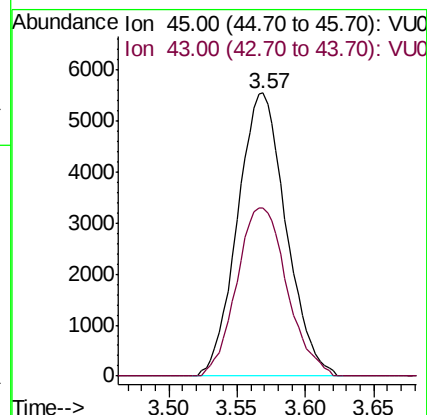
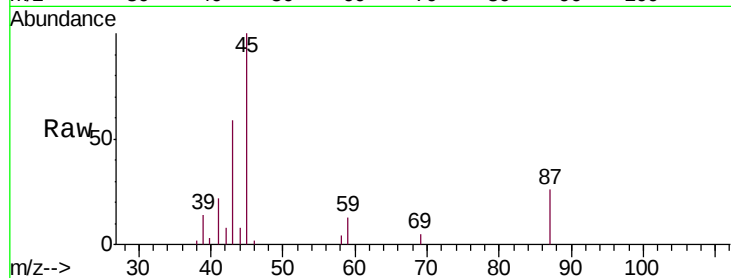
VU0130WBS01

Tgt Ion: 45 Resp: 13691

Ion Ratio Lower Upper

45 100

43 61.6 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 1.813 ug/l

RT: 4.06 min Scan# 899

Delta R.T. -0.00 min

Lab File: VU029315.D

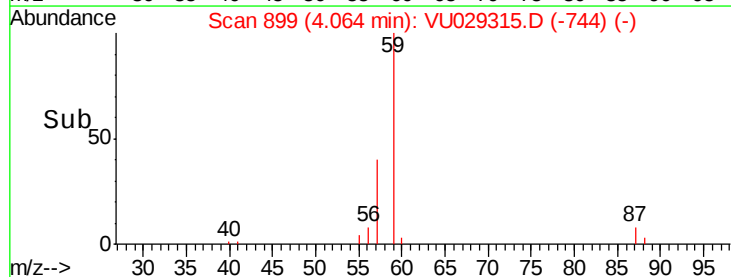
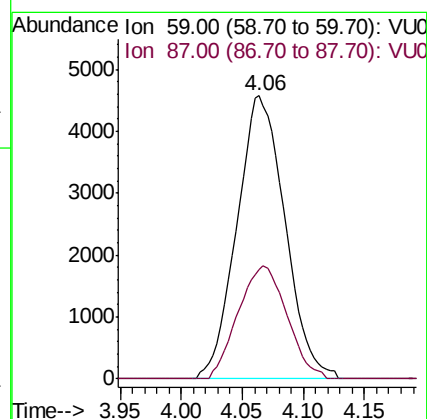
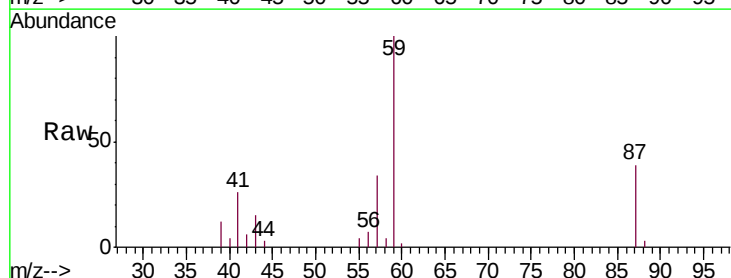
Acq: 30 Jan 2019 14:50

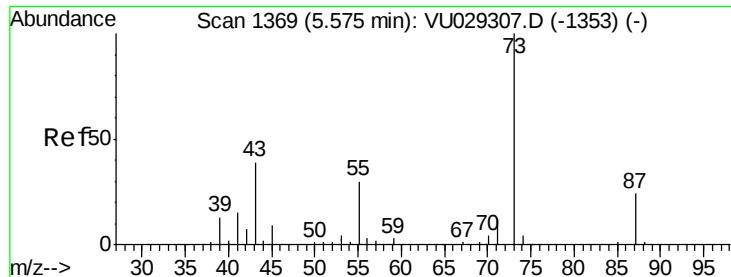
Tgt Ion: 59 Resp: 12500

Ion Ratio Lower Upper

59 100

87 40.5 31.1 46.7

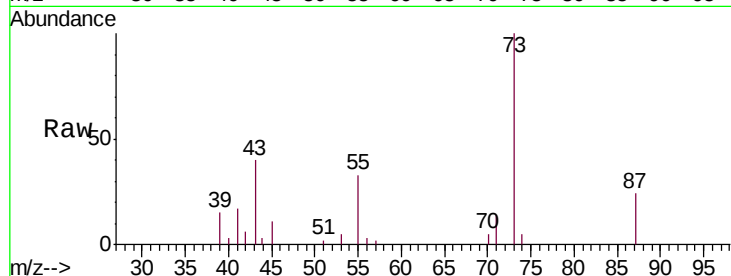




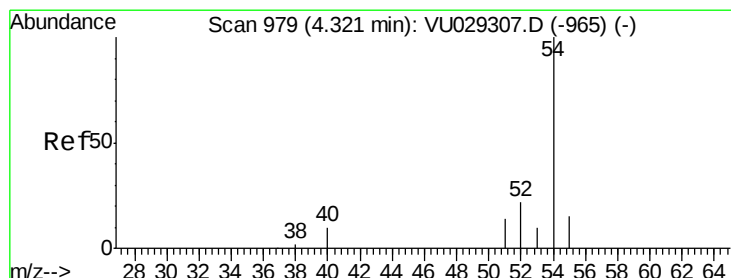
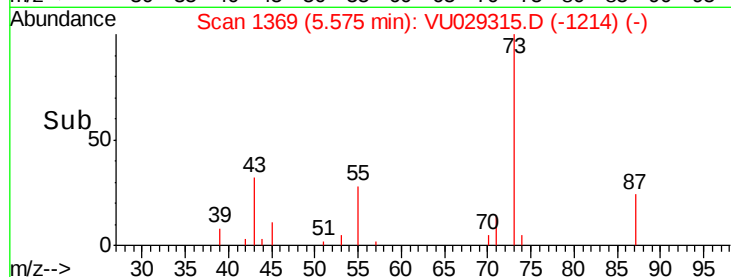
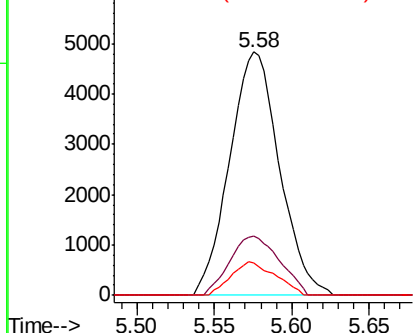
#33
Tert-Amyl methyl ether
Concen: 1.850 ug/l
RT: 5.58 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

Tgt Ion: 73 Resp: 10830
Ion Ratio Lower Upper
73 100
87 24.2 19.4 29.0
71 12.2 9.0 13.4

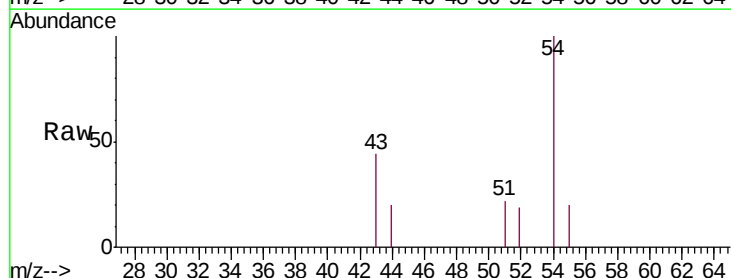


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

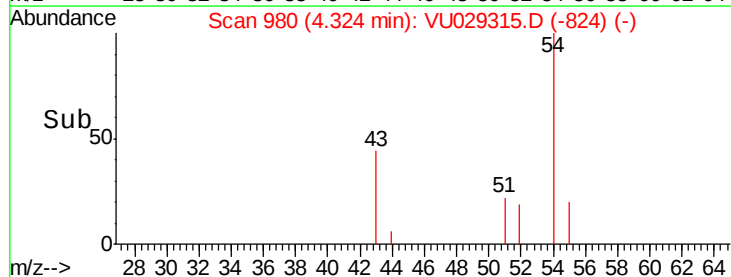
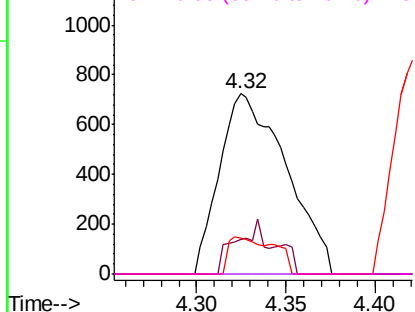


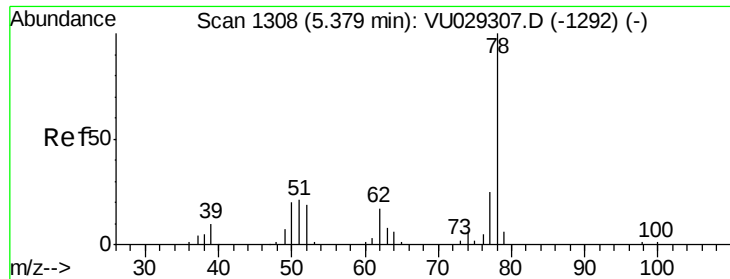
#34
Propionitrile
Concen: 9.295 ug/l
RT: 4.32 min Scan# 980
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion: 54 Resp: 1880
Ion Ratio Lower Upper
54 100
52 12.4 18.9 28.3#
55 9.5 15.1 22.7#
40 13.5 7.2 10.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.965 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

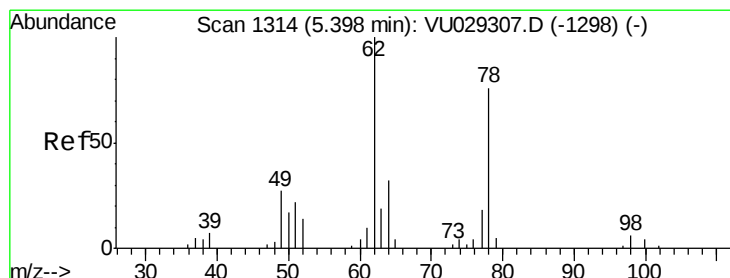
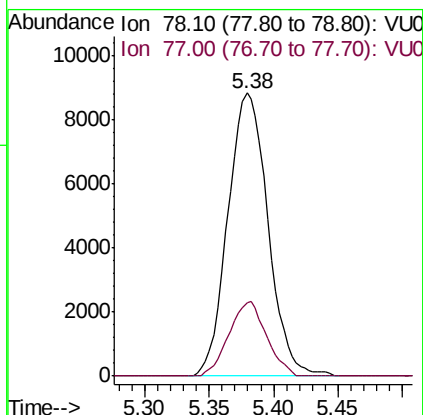
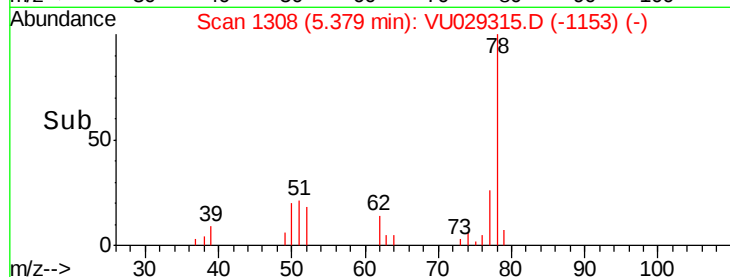
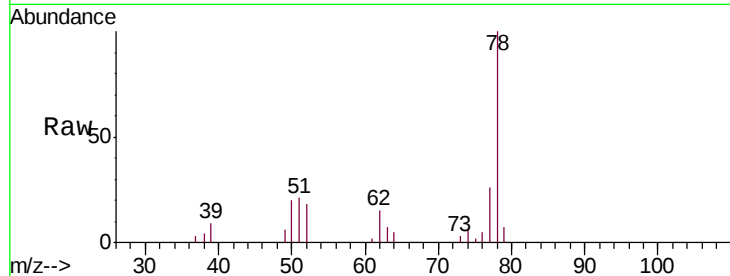
VU0130WBS01

Tgt Ion: 78 Resp: 19106

Ion Ratio Lower Upper

78 100

77 26.1 19.8 29.8



#36

1,2-Dichloroethane

Concen: 2.016 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029315.D

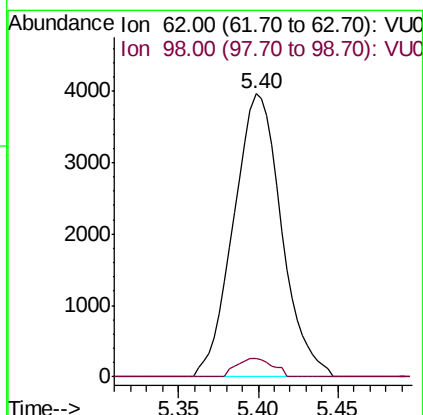
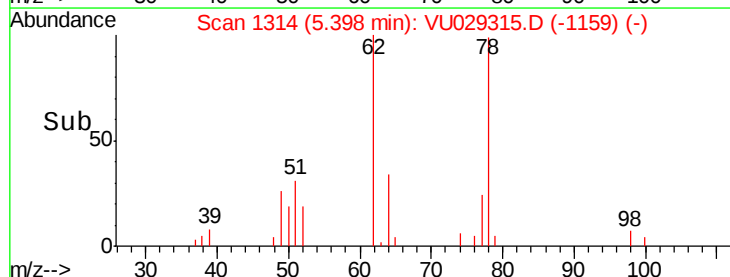
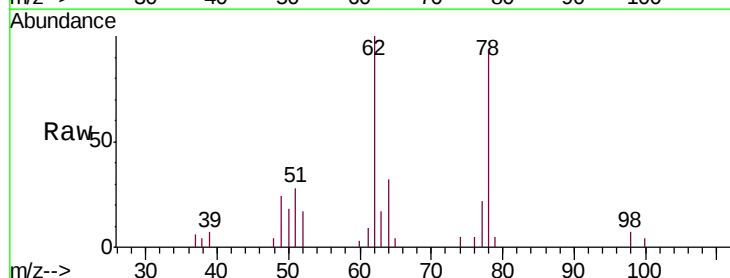
Acq: 30 Jan 2019 14:50

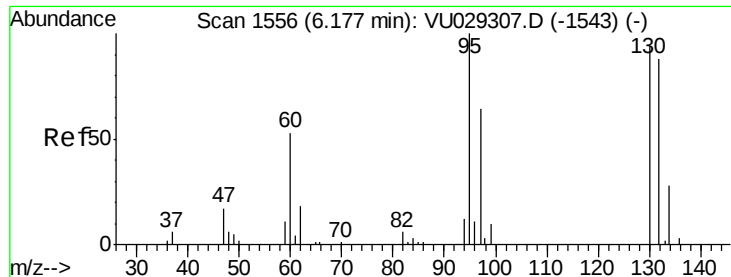
Tgt Ion: 62 Resp: 8114

Ion Ratio Lower Upper

62 100

98 4.9 4.9 7.3

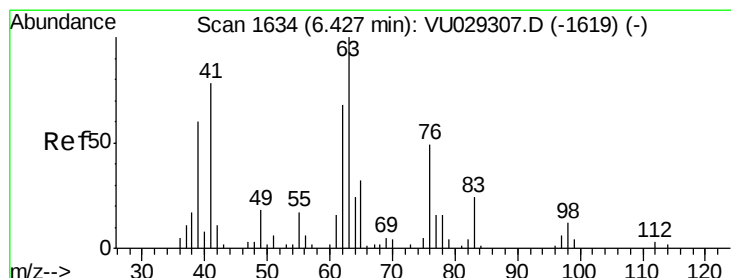
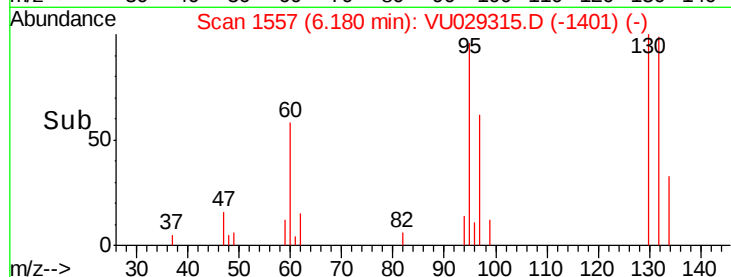
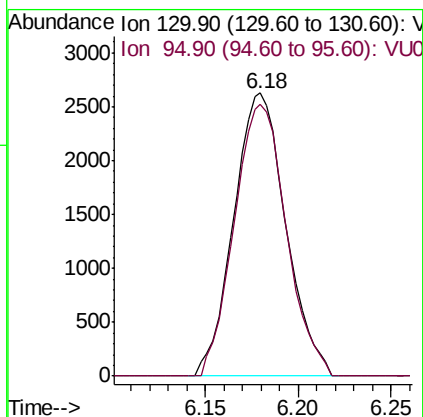
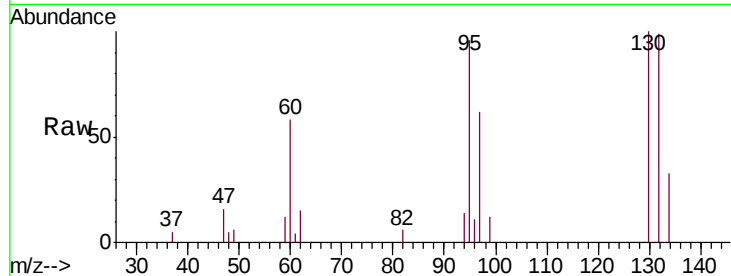




#37
 Trichloroethene
 Concen: 2.088 ug/l
 RT: 6.18 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

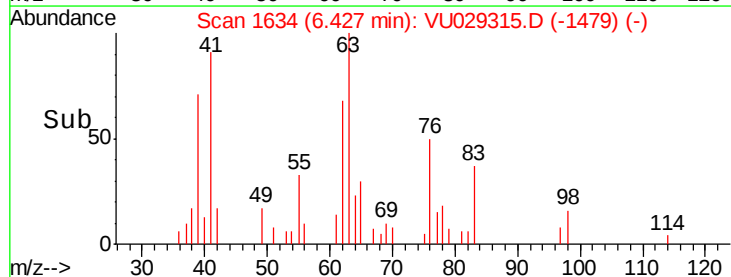
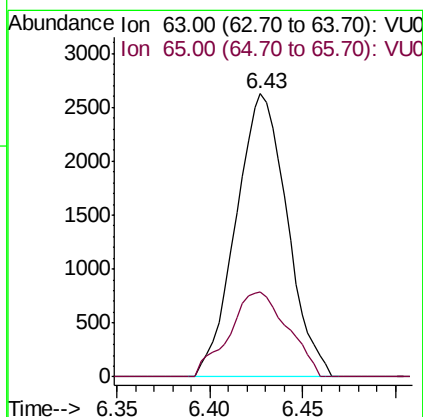
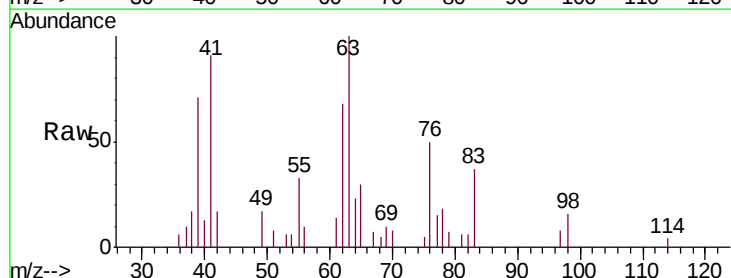
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

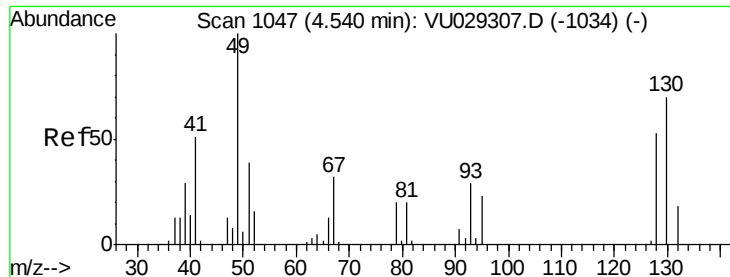
Tgt Ion: 130 Resp: 5111
 Ion Ratio Lower Upper
 130 100
 95 96.1 85.4 128.0



#38
 1,2-Dichloropropane
 Concen: 1.891 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 63 Resp: 5031
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.5 38.3

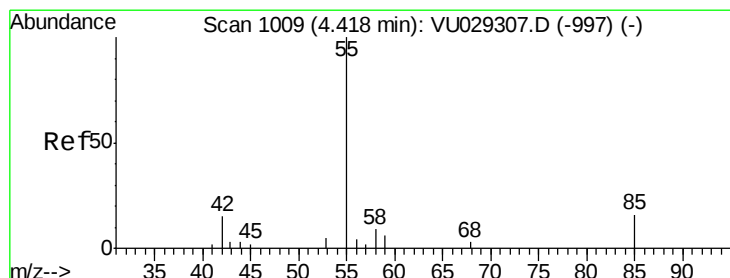
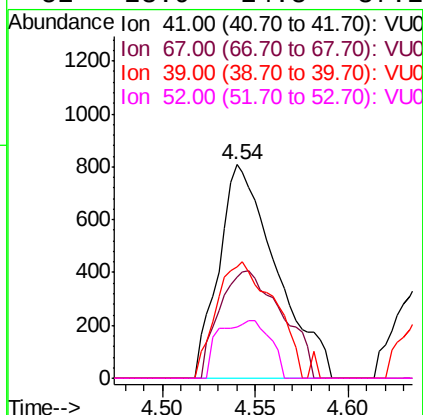
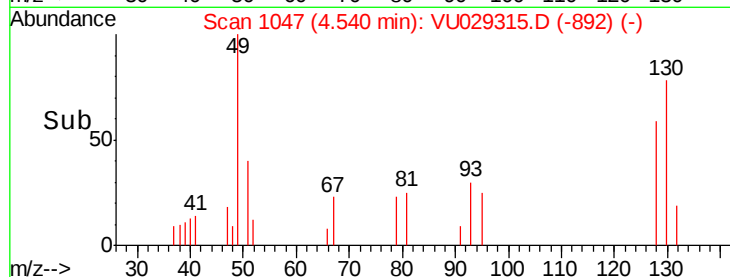
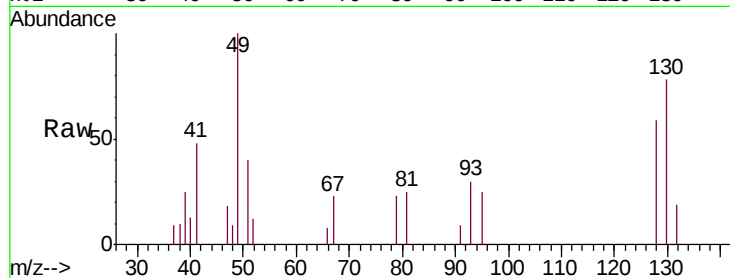




#39
Methacrylonitrile
Concen: 1.792 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

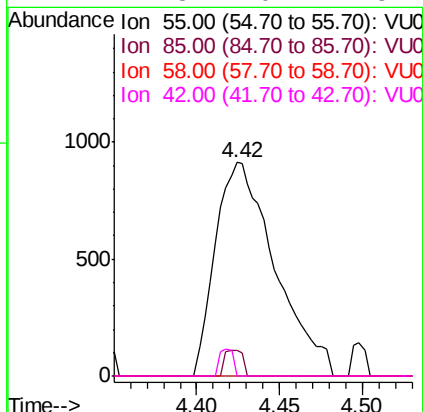
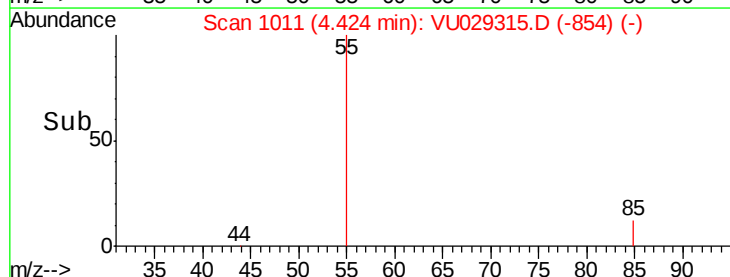
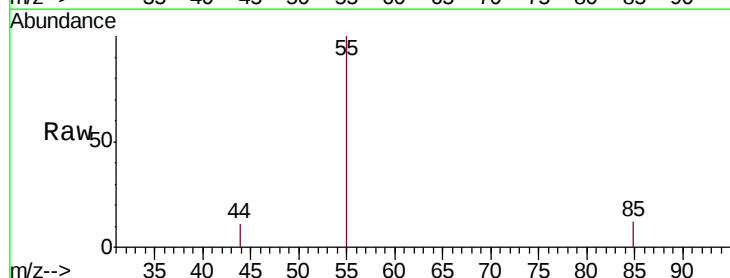
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

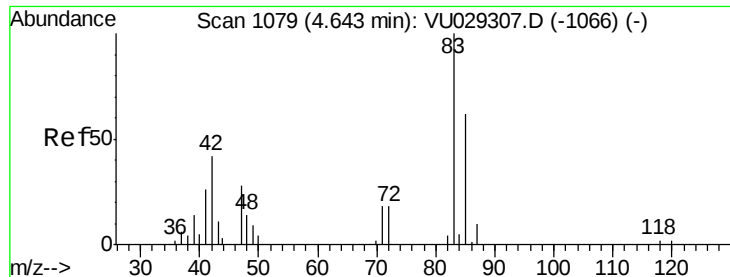
Tgt Ion: 41 Resp: 1739
Ion Ratio Lower Upper
41 100
67 55.0 50.1 75.1
39 54.9 47.9 71.9
52 23.9 24.8 37.2#



#40
Methyl acrylate
Concen: 1.740 ug/l
RT: 4.42 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion: 55 Resp: 2283
Ion Ratio Lower Upper
55 100
85 0.0 11.3 16.9#
58 0.0 6.2 9.4#
42 2.8 10.1 15.1#





#41

Tetrahydrofuran

Concen: 3.802 ug/l

RT: 4.64 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

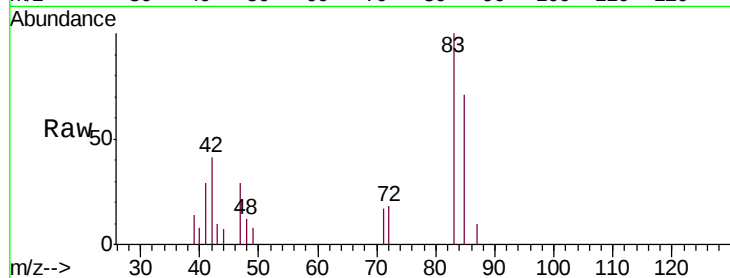
Tgt Ion: 42 Resp: 1724

Ion Ratio Lower Upper

42 100

72 33.7 33.1 49.7

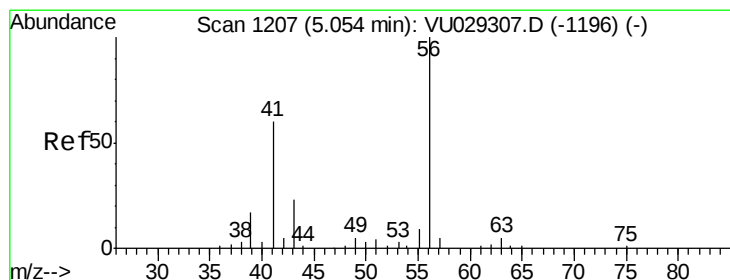
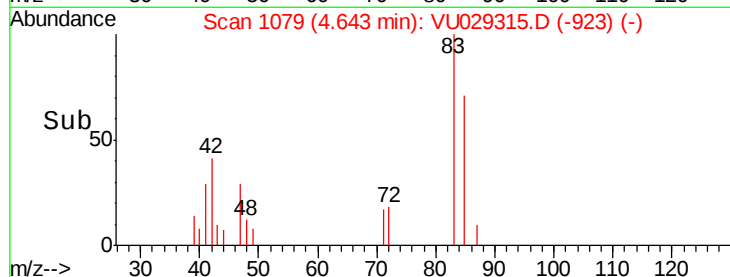
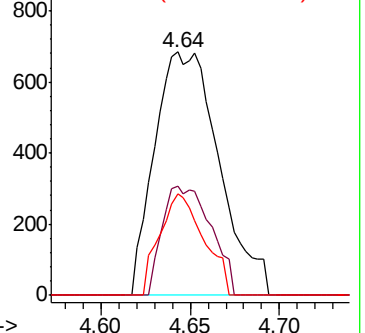
71 28.5 30.2 45.2#



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: 1.812 ug/l

RT: 5.06 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU029315.D

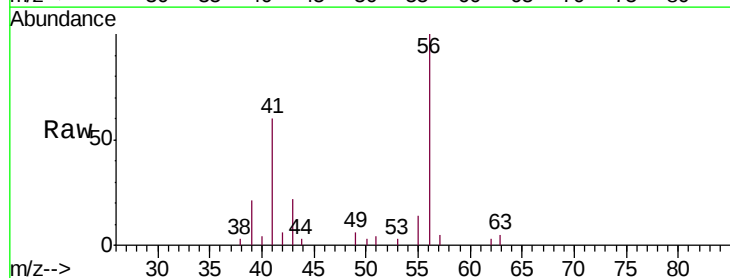
Acq: 30 Jan 2019 14:50

Tgt Ion: 56 Resp: 9814

Ion Ratio Lower Upper

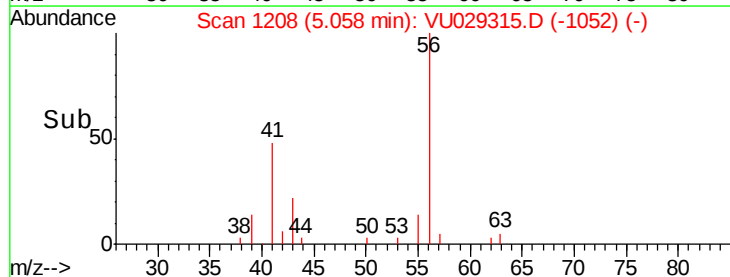
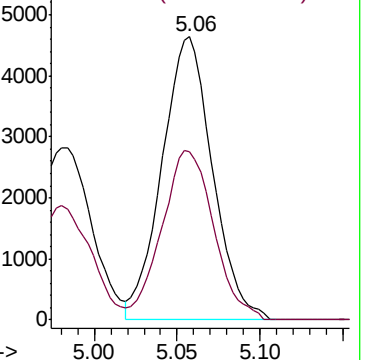
56 100

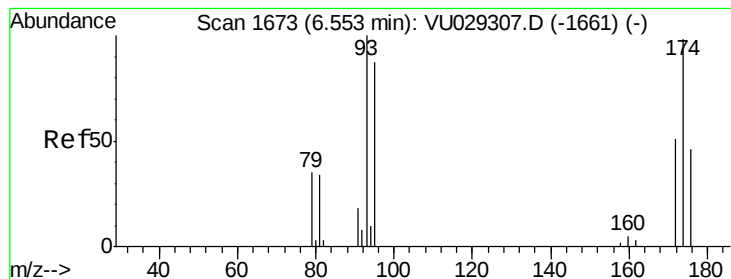
41 61.6 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.013 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

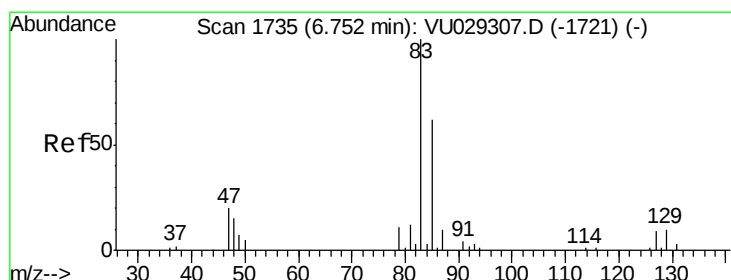
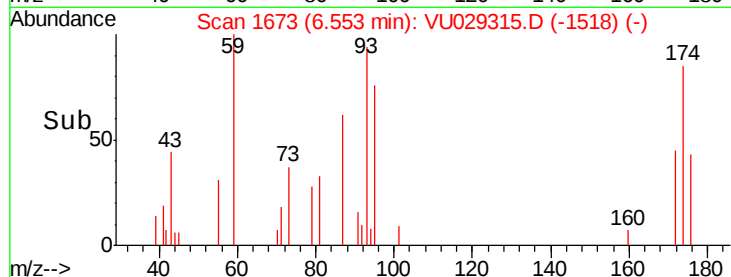
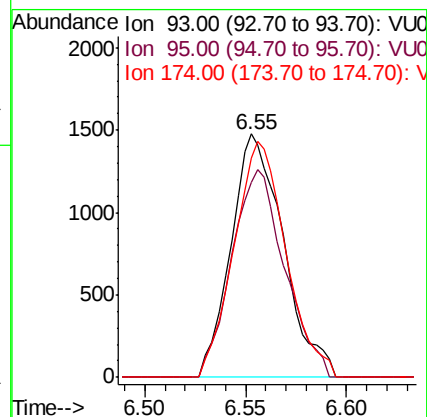
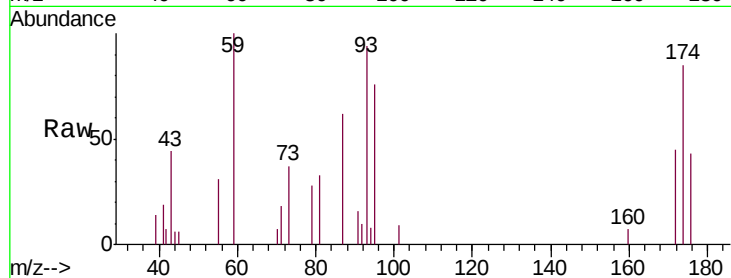
Tgt Ion: 93 Resp: 2671

Ion Ratio Lower Upper

93 100

95 86.7 68.2 102.2

174 96.4 77.6 116.4



#44

Bromodichloromethane

Concen: 2.039 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

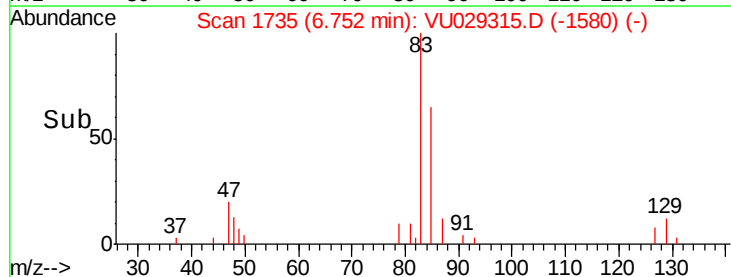
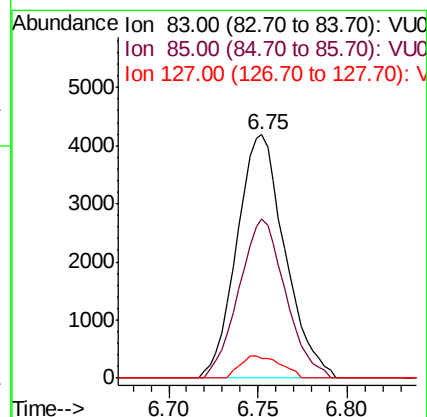
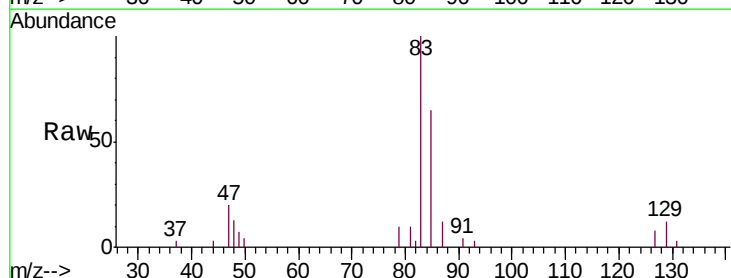
Tgt Ion: 83 Resp: 7871

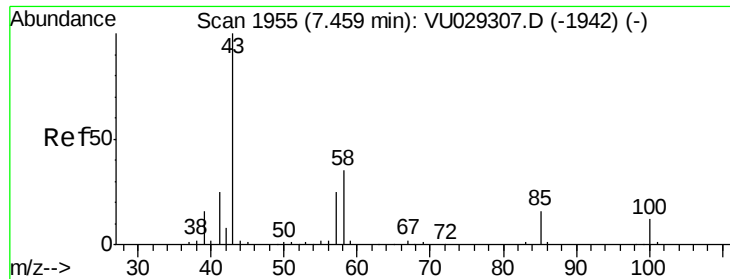
Ion Ratio Lower Upper

83 100

85 65.4 49.2 73.8

127 8.2 7.0 10.6

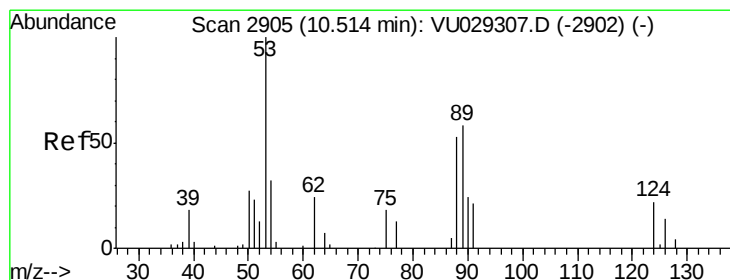
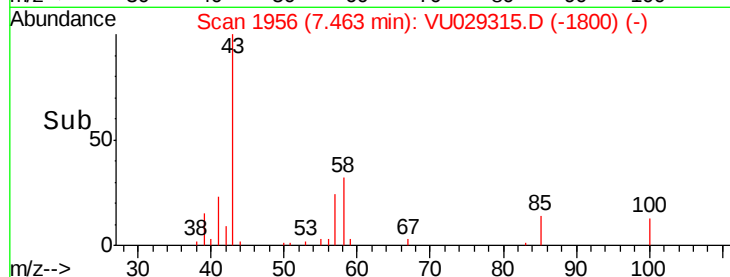
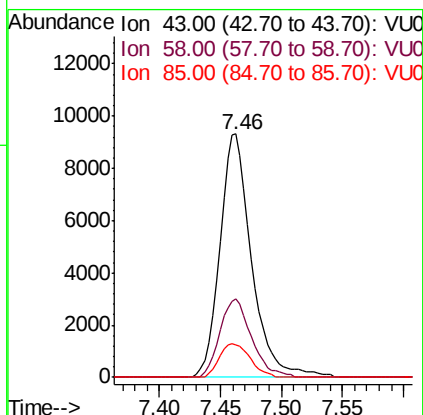
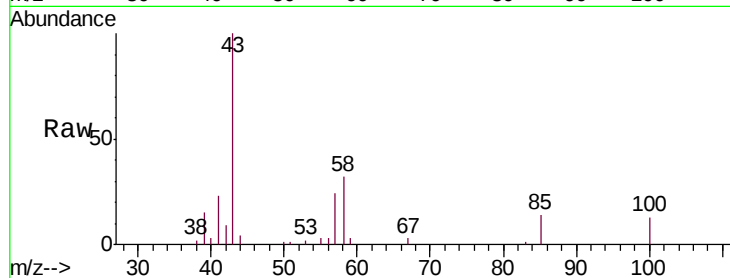




#45
 4-Methyl-2-Pentanone
 Concen: 9.227 ug/l
 RT: 7.46 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

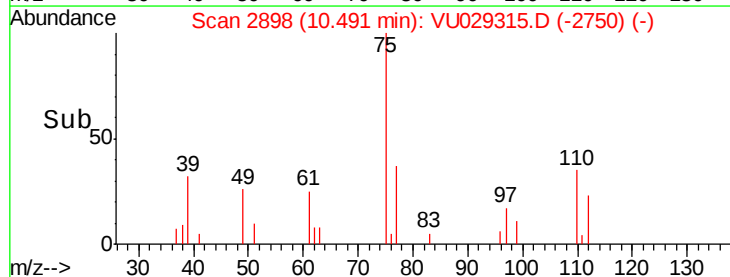
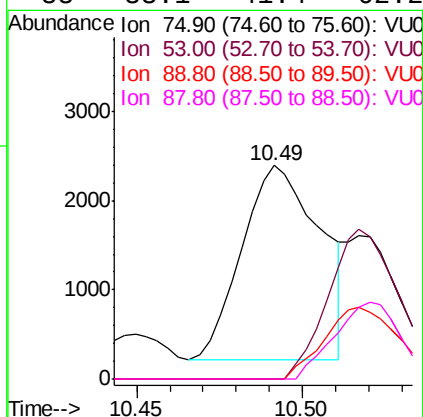
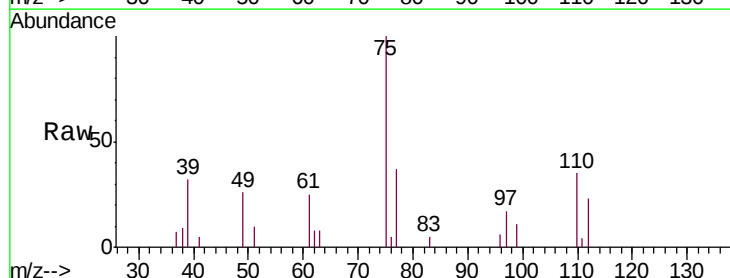
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

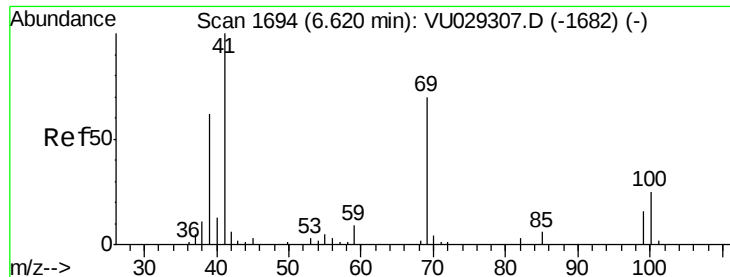
Tgt Ion: 43 Resp: 16937
 Ion Ratio Lower Upper
 43 100
 58 32.3 17.6 52.8
 85 13.6 12.3 18.5



#46
 t-1,4-Dichloro-2-butene
 Concen: 5.823 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.02 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 75 Resp: 3604
 Ion Ratio Lower Upper
 75 100
 53 70.3 78.2 117.4#
 89 36.0 44.2 66.4#
 88 33.1 41.4 62.2#

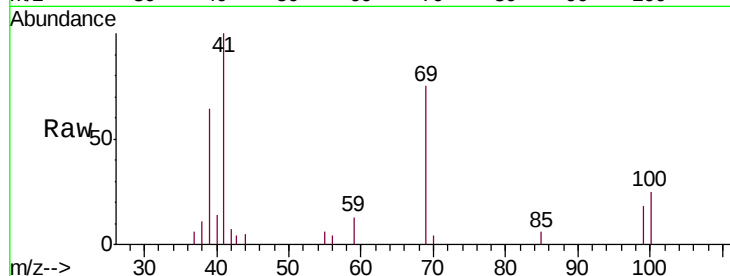




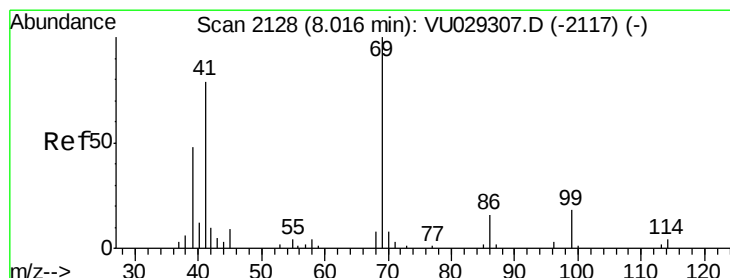
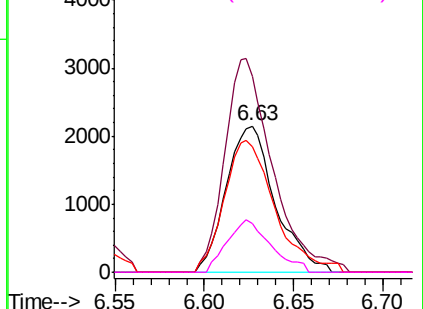
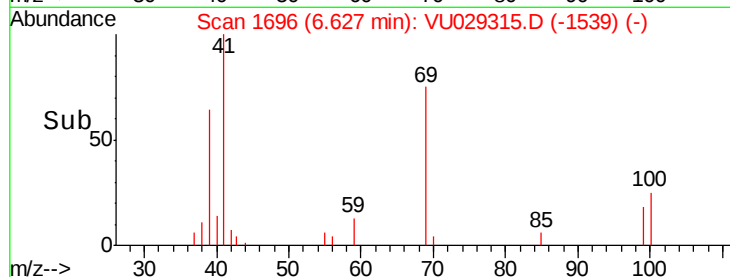
#47
Methyl methacrylate
Concen: 3.664 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

Tgt Ion: 69 Resp: 4111
Ion Ratio Lower Upper
69 100
41 142.2 0.0 296.2
39 92.6 71.2 106.8
100 31.7 28.6 42.8

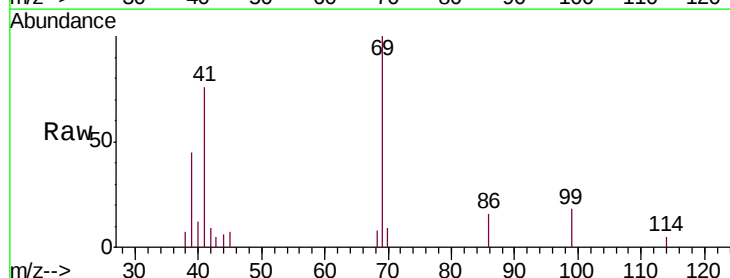


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

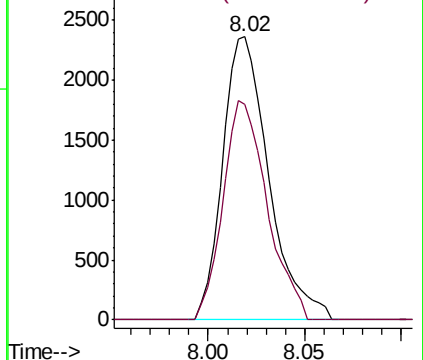
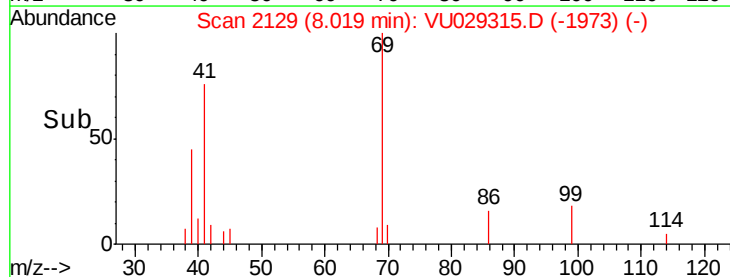


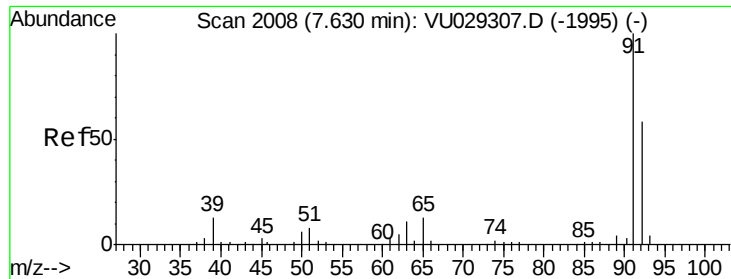
#48
Ethyl methacrylate
Concen: 1.832 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion: 69 Resp: 3918
Ion Ratio Lower Upper
69 100
41 73.9 39.9 119.7



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





#49

Toluene

Concen: 1.885 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

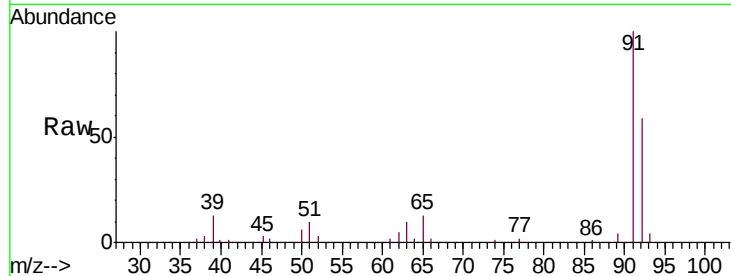
VU0130WBS01

Tgt Ion: 92 Resp: 10634

Ion Ratio Lower Upper

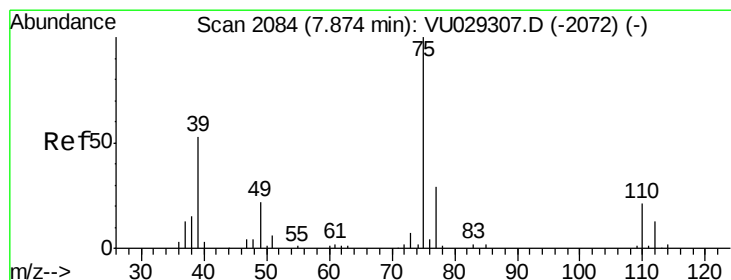
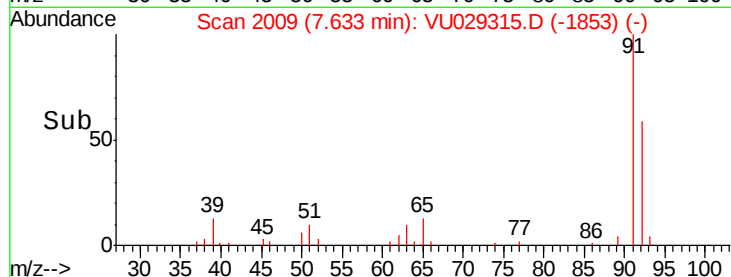
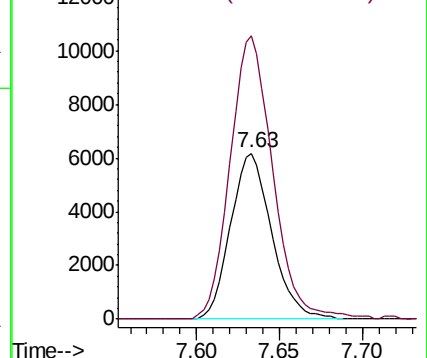
92 100

91 177.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.995 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029315.D

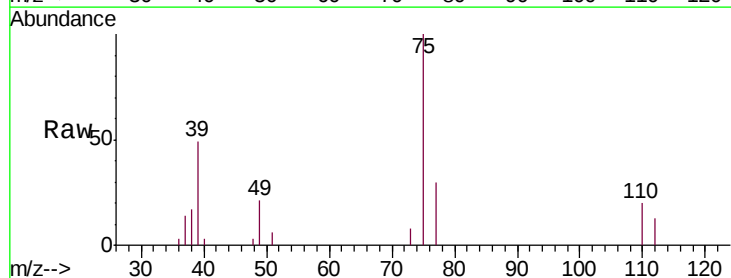
Acq: 30 Jan 2019 14:50

Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

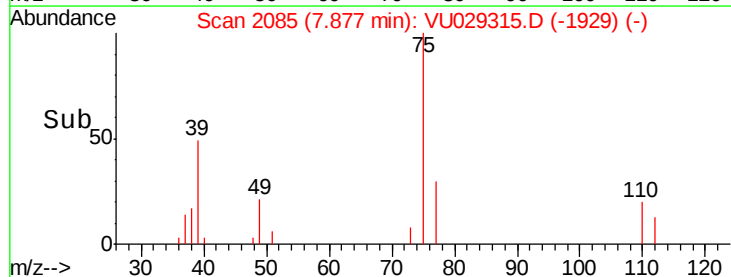
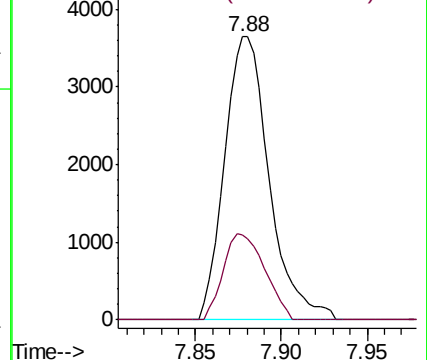
75 100

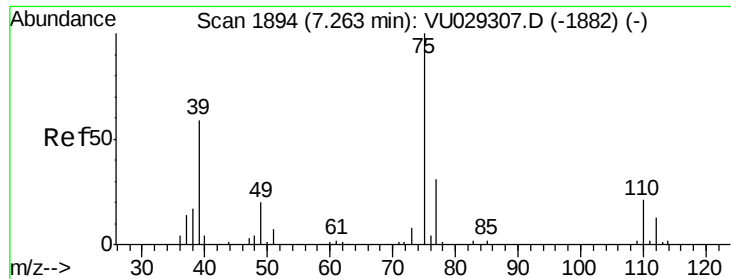
77 30.2 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



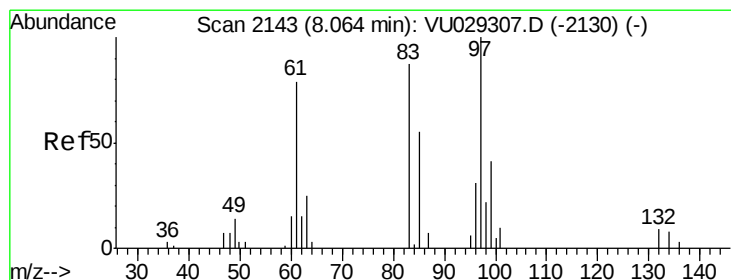
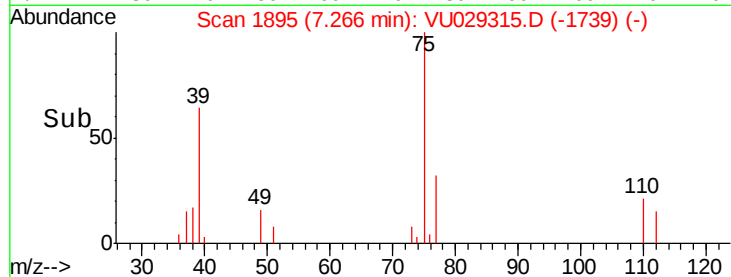
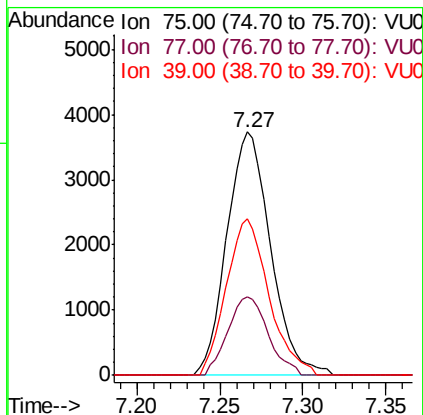
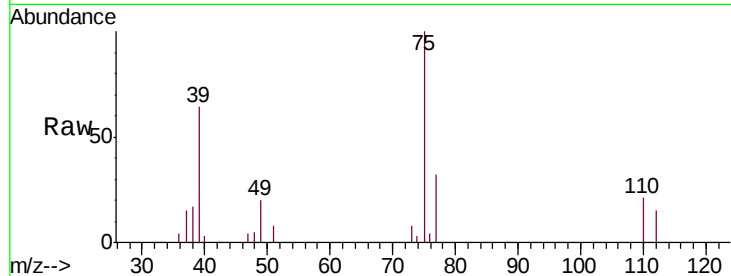


#51

cis-1,3-Dichloropropene
 Concen: 1.877 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

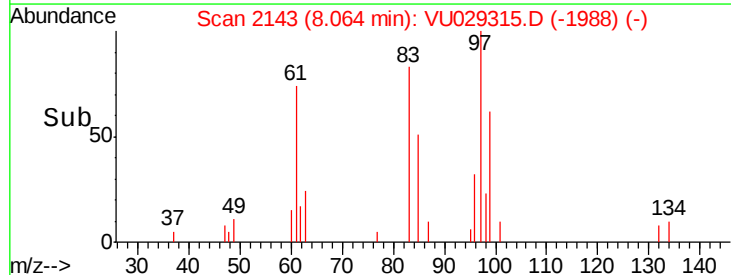
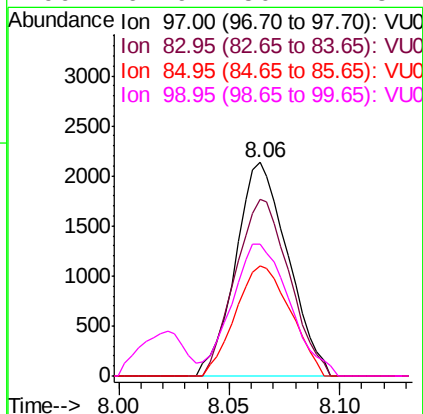
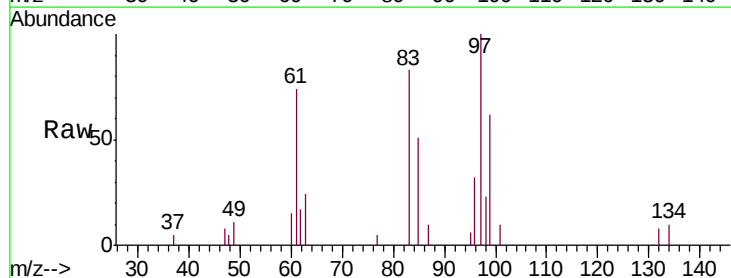
Tgt Ion: 75 Resp: 6837
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 64.2 47.2 70.8

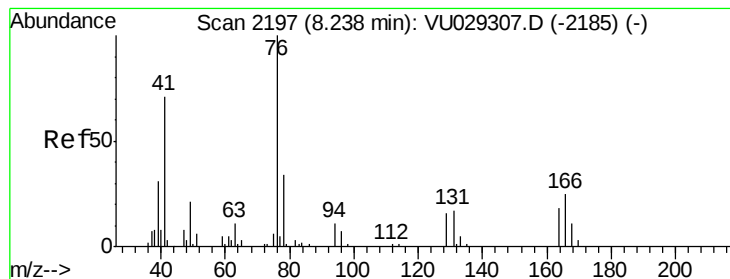


#52

1,1,2-Trichloroethane
 Concen: 2.018 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 97 Resp: 3510
 Ion Ratio Lower Upper
 97 100
 83 82.6 69.9 104.9
 85 51.4 45.8 68.6
 99 61.9 50.2 75.2





#53

1,3-Dichloropropane

Concen: 1.876 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

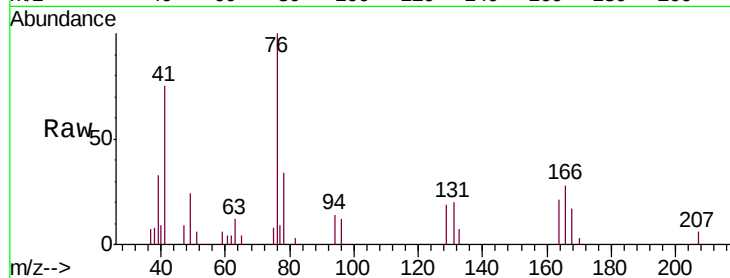
VU0130WBS01

Tgt Ion: 76 Resp: 6122

Ion Ratio Lower Upper

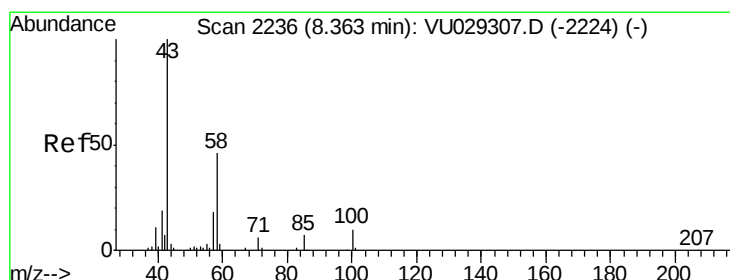
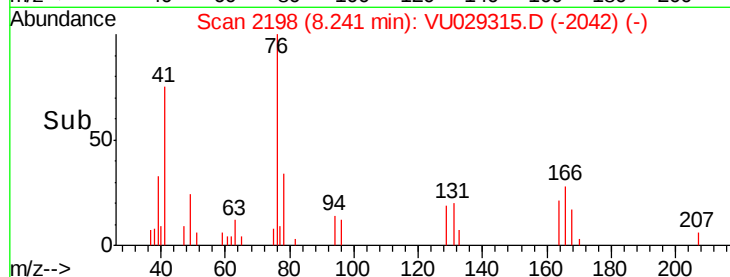
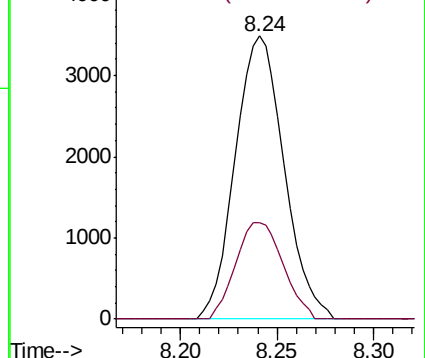
76 100

78 32.9 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 9.141 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

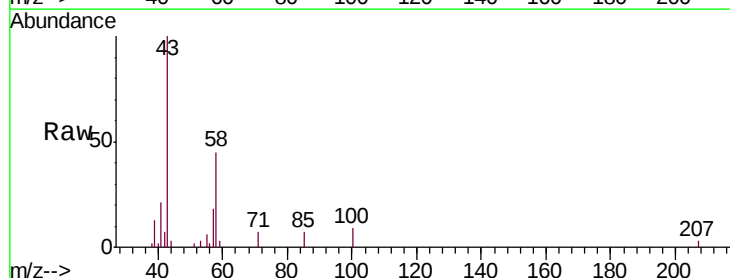
Tgt Ion: 43 Resp: 11874

Ion Ratio Lower Upper

43 100

58 43.6 26.0 66.0

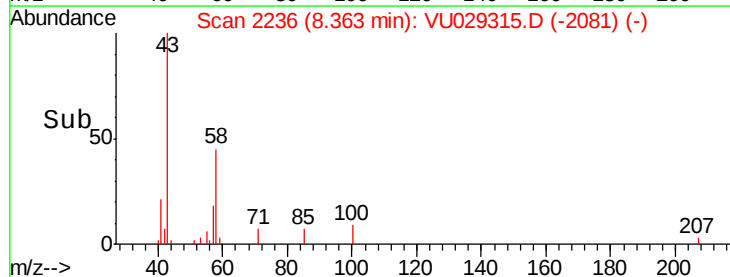
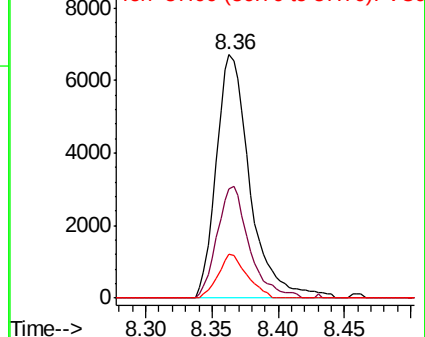
57 15.5 0.0 37.7

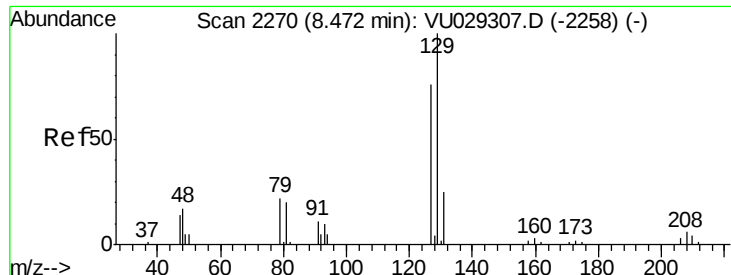


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 2.018 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

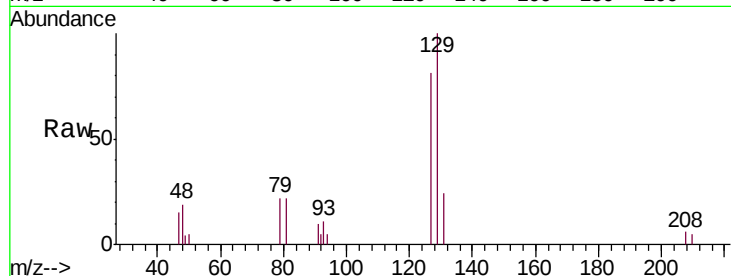
VU0130WBS01

Tgt Ion:129 Resp: 4732

Ion Ratio Lower Upper

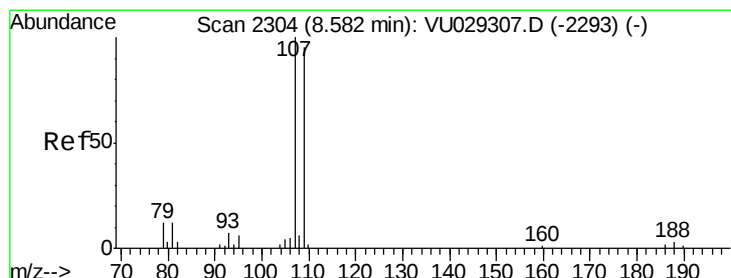
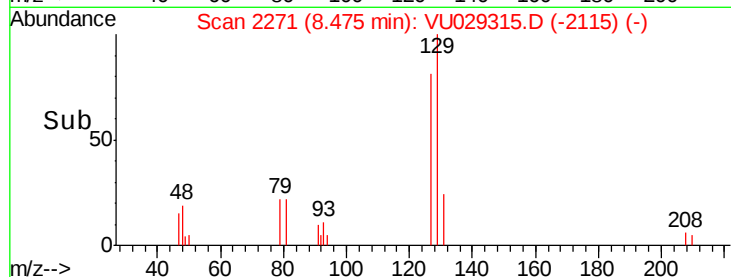
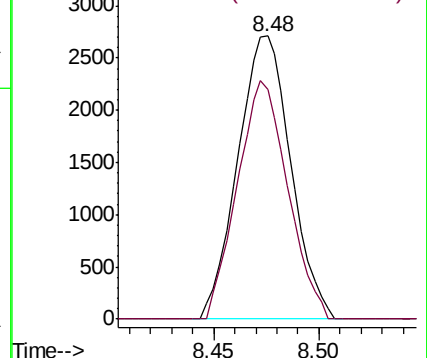
129 100

127 79.9 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.020 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029315.D

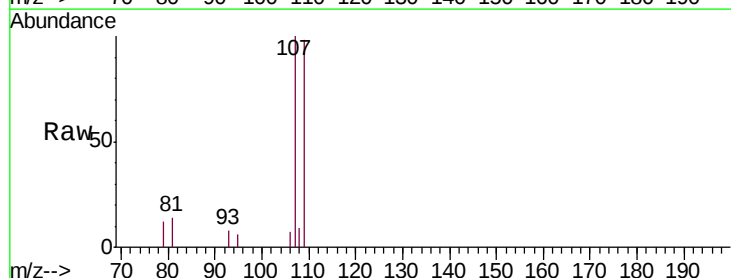
Acq: 30 Jan 2019 14:50

Tgt Ion:107 Resp: 3230

Ion Ratio Lower Upper

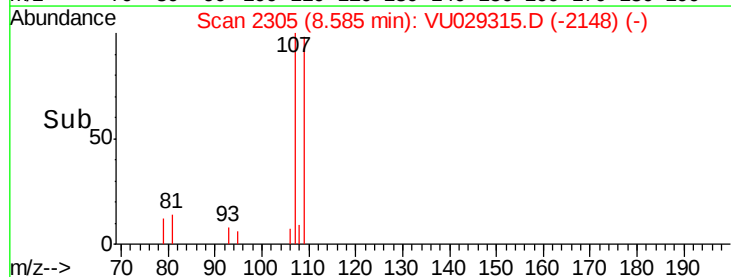
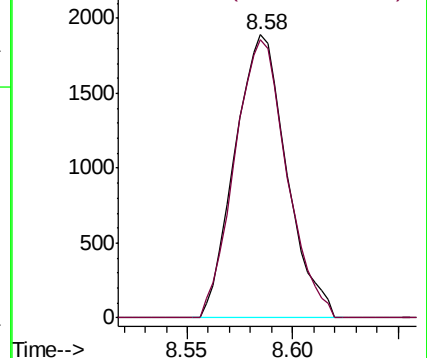
107 100

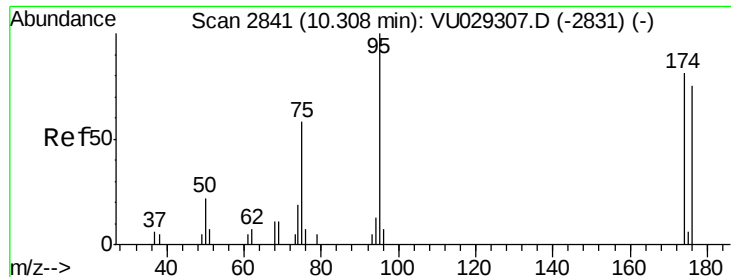
109 98.5 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 2.020 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

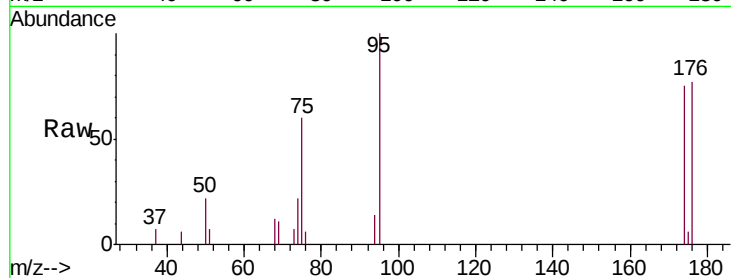
Tgt Ion: 95 Resp: 2839

Ion Ratio Lower Upper

95 100

174 78.1 64.2 96.2

176 78.1 62.3 93.5

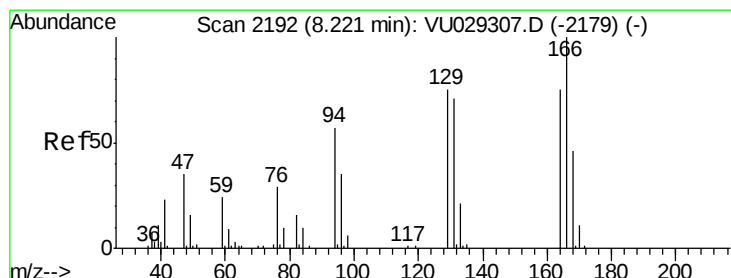
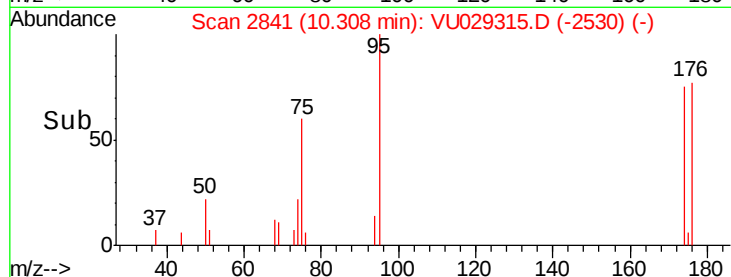
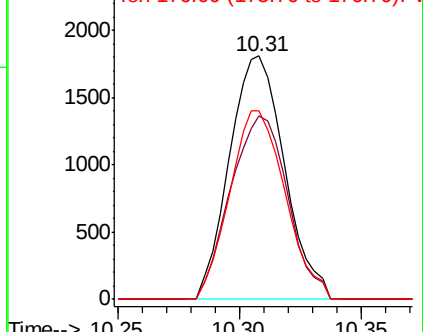


Abundance

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: 2.015 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Tgt Ion: 164 Resp: 4682

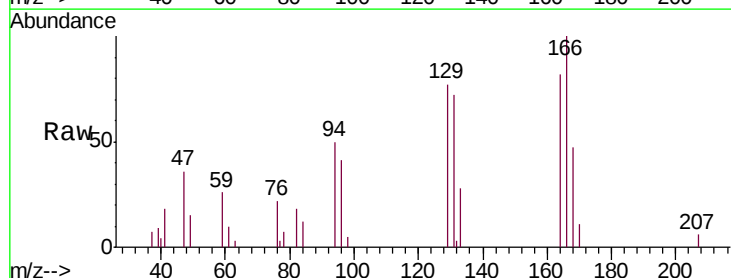
Ion Ratio Lower Upper

164 100

166 122.6 106.6 159.8

129 94.7 79.9 119.9

131 88.3 75.8 113.8



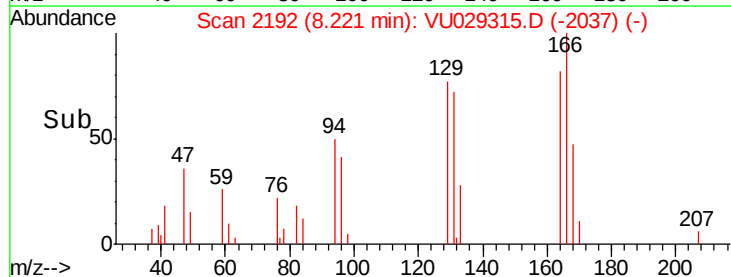
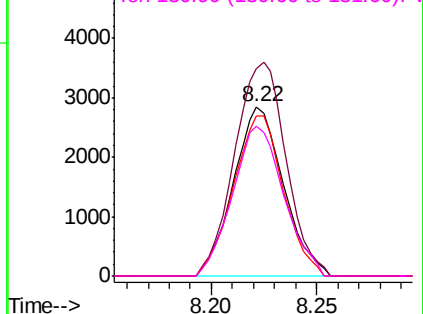
Abundance

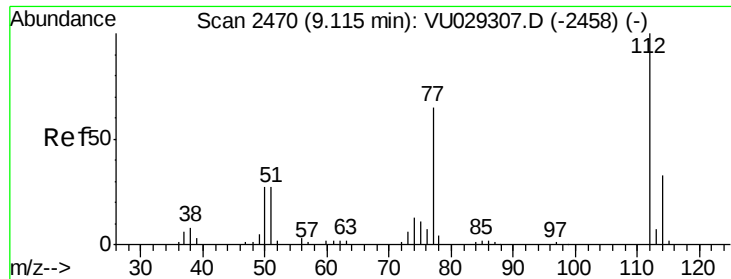
Ion 163.85 (163.55 to 164.55): V

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: 1.916 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

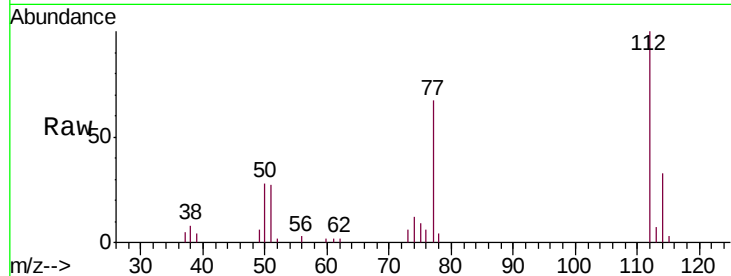
VU0130WBS01

Tgt Ion:112 Resp: 11752

Ion Ratio Lower Upper

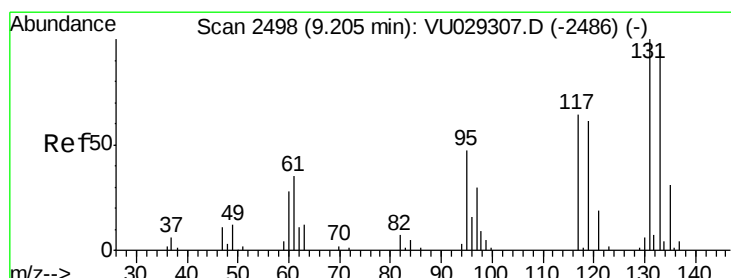
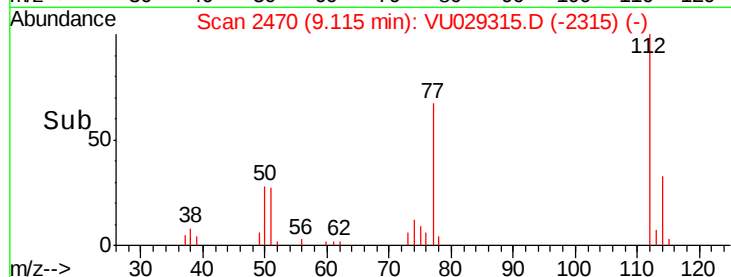
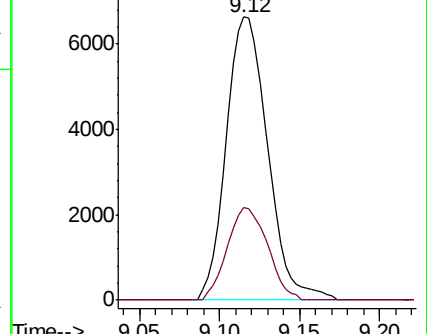
112 100

114 32.6 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.054 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

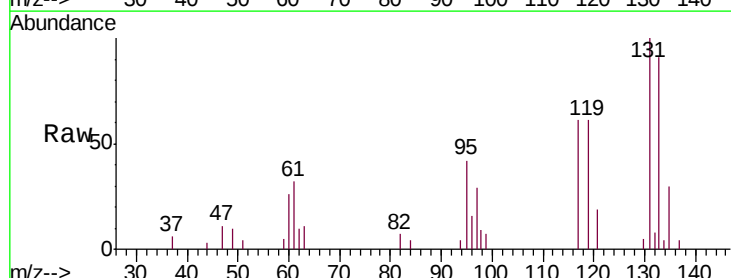
Tgt Ion:131 Resp: 5201

Ion Ratio Lower Upper

131 100

133 91.7 77.3 115.9

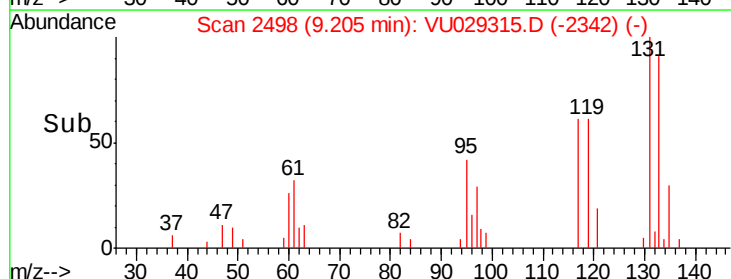
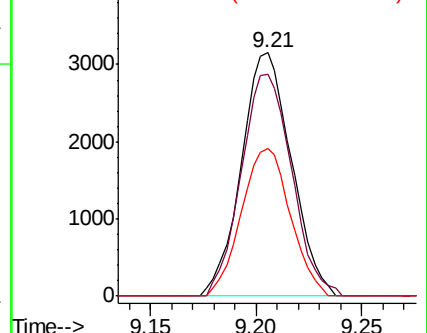
119 59.2 48.9 73.3

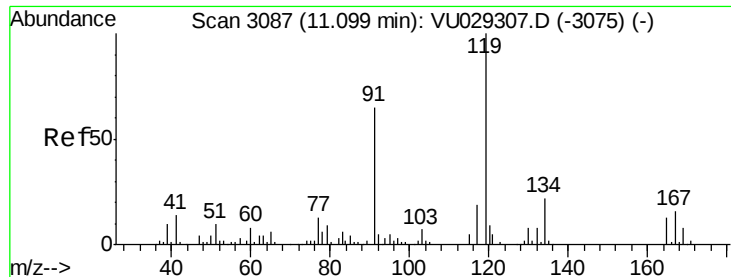


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

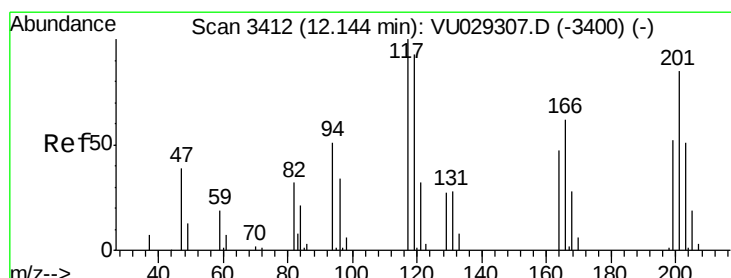
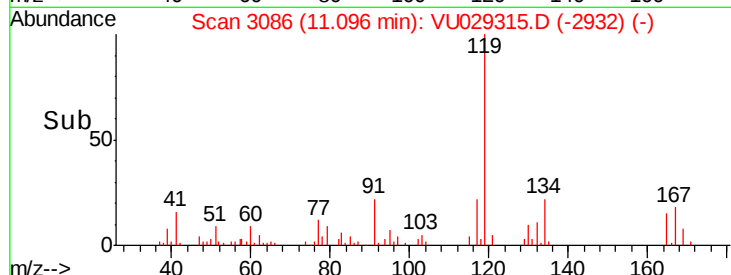
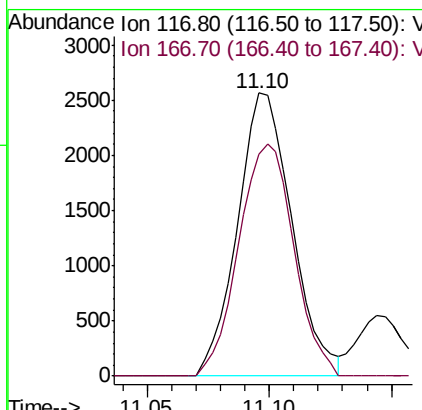
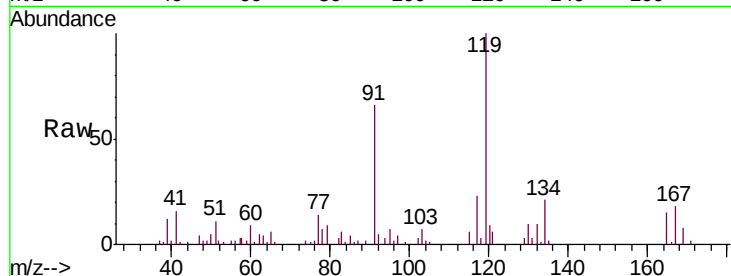




#61
 Pentachloroethane
 Concen: 2.036 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

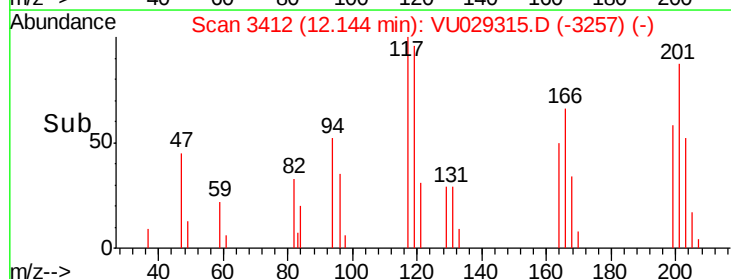
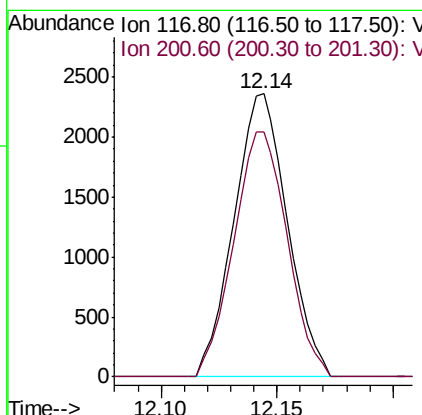
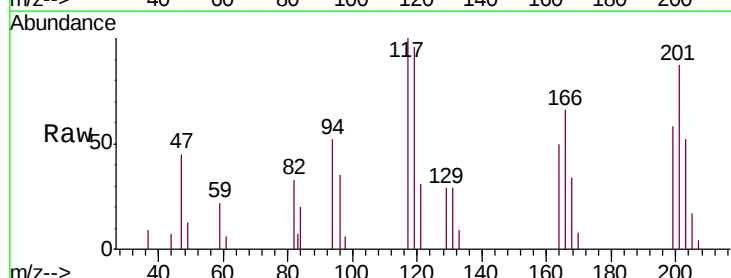
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

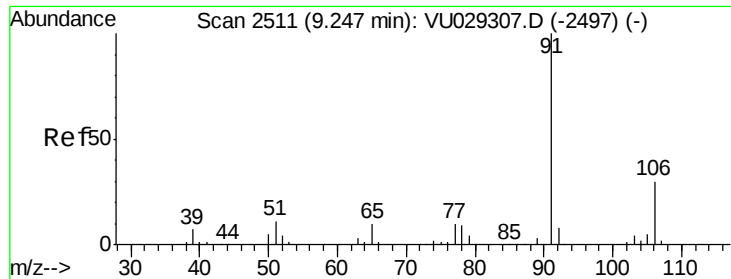
Tgt Ion:117 Resp: 3970
 Ion Ratio Lower Upper
 117 100
 167 83.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 2.018 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:117 Resp: 3780
 Ion Ratio Lower Upper
 117 100
 201 86.7 68.2 102.2





#63

Ethyl Benzene

Concen: 1.822 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

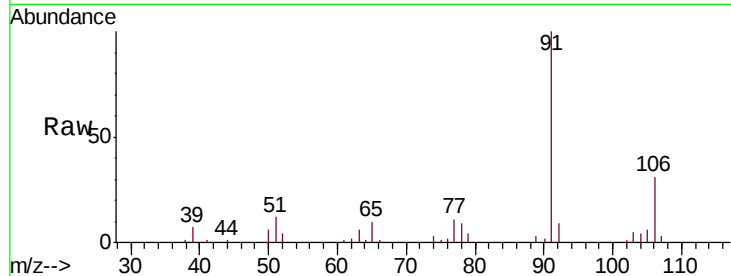
VU0130WBS01

Tgt Ion: 91 Resp: 19536

Ion Ratio Lower Upper

91 100

106 30.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU029307.D (-2497) (-)

Ion 106.00 (105.70 to 106.70): VU029307.D (-2497) (-)

9.25

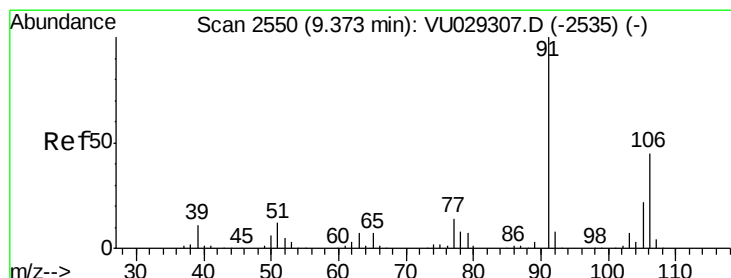
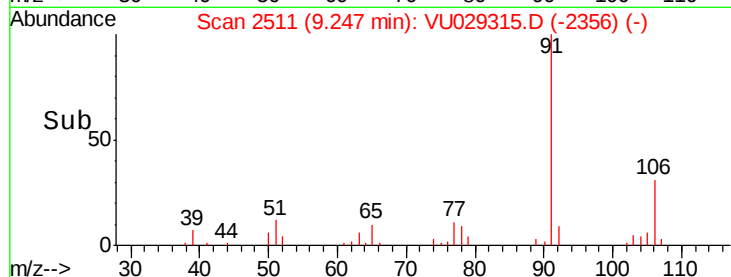
10000

5000

0

Time-->

9.20 9.25 9.30



#64

m/p-Xylenes

Concen: 3.751 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029315.D

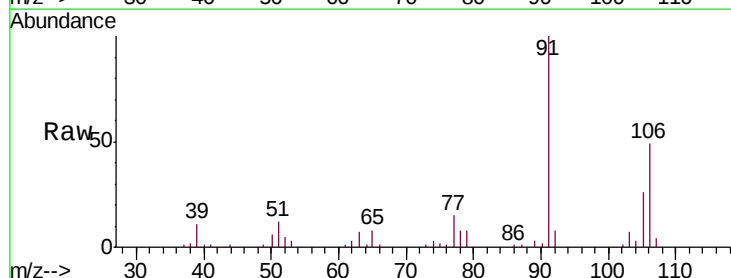
Acq: 30 Jan 2019 14:50

Tgt Ion: 106 Resp: 15106

Ion Ratio Lower Upper

106 100

91 216.2 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): VU029307.D (-2535) (-)

Ion 91.00 (90.70 to 91.70): VU029307.D (-2535) (-)

9.37

20000

15000

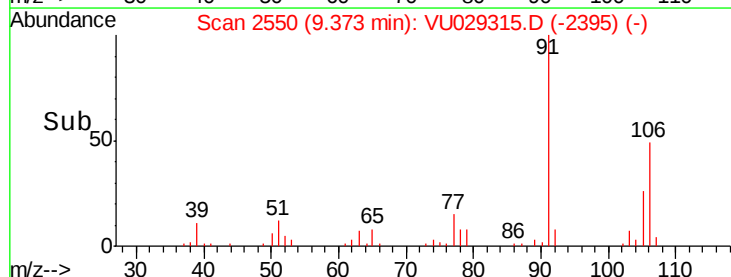
10000

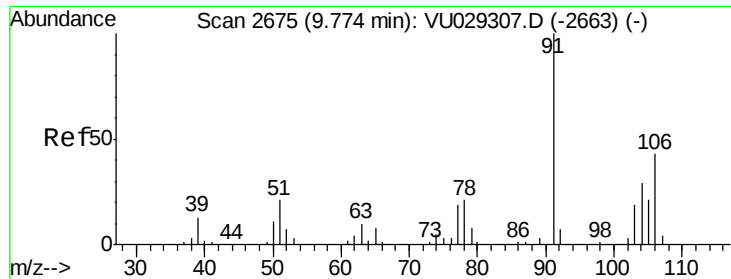
5000

0

Time-->

9.30 9.35 9.40 9.45

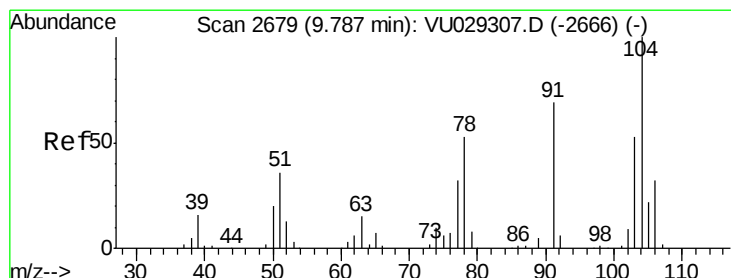
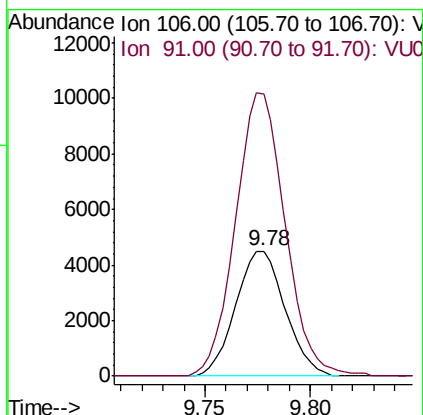
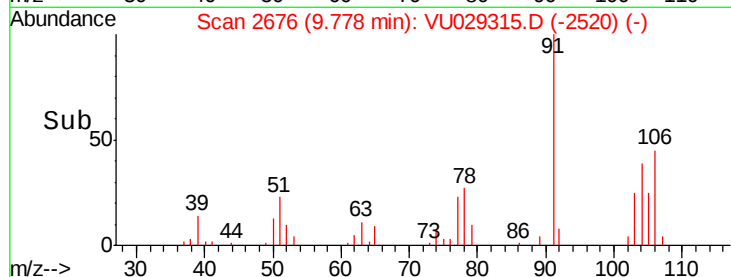
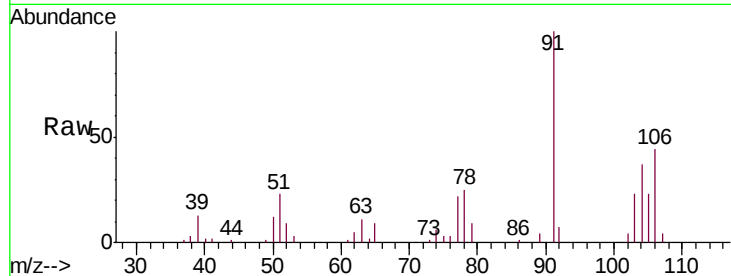




#65
o-Xylene
Concen: 1.904 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

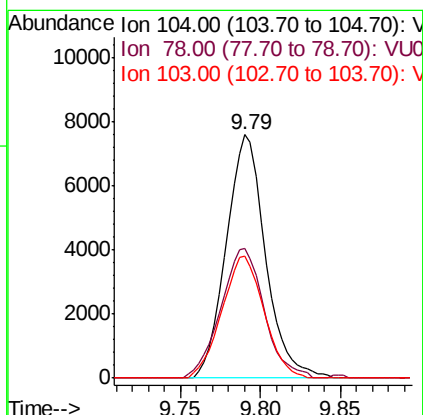
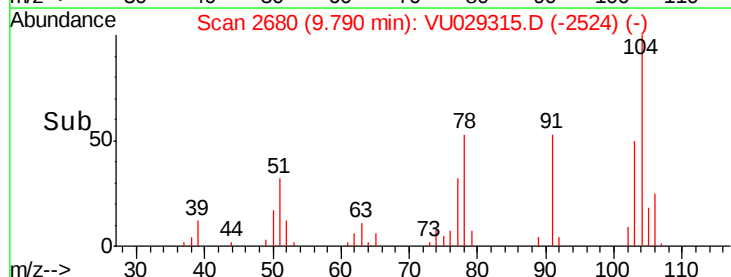
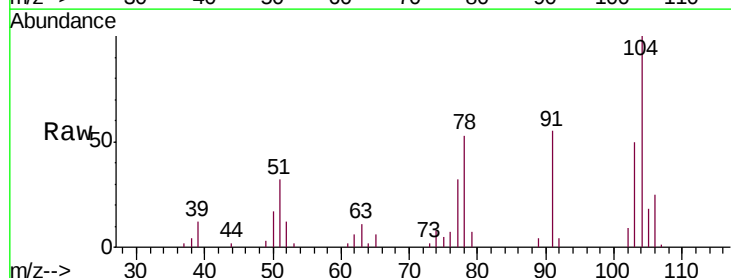
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

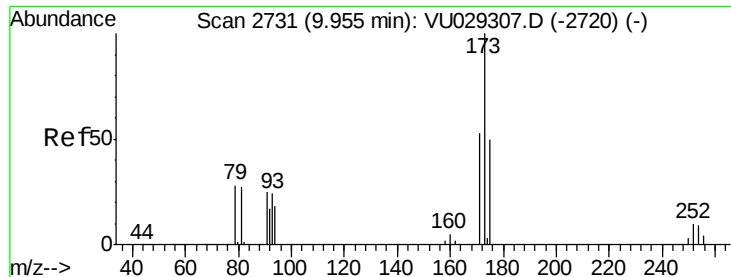
Tgt Ion:106 Resp: 7354
Ion Ratio Lower Upper
106 100
91 227.0 114.5 343.4



#66
Styrene
Concen: 1.911 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion:104 Resp: 12718
Ion Ratio Lower Upper
104 100
78 59.1 46.5 69.7
103 54.0 44.7 67.1

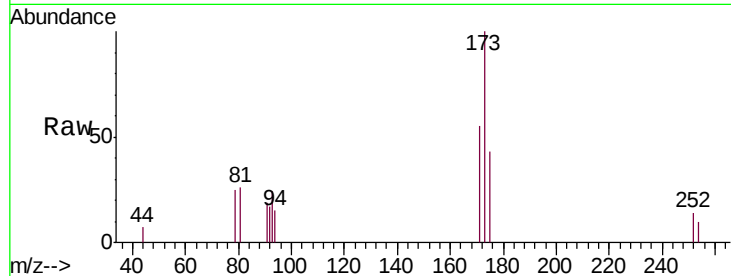




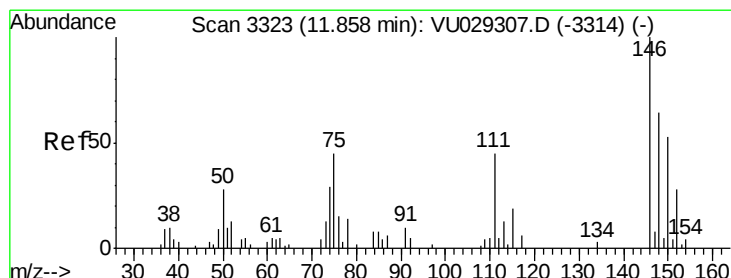
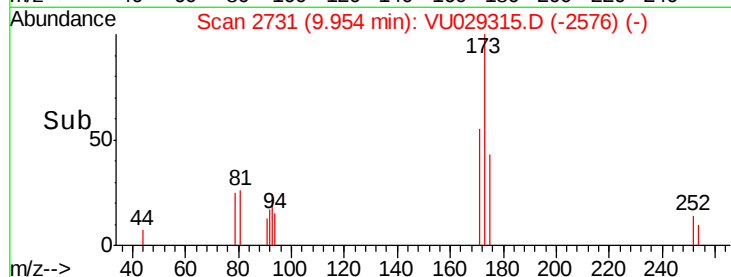
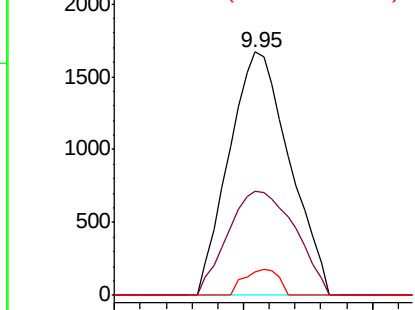
#67
 Bromoform
 Concen: 2.012 ug/l
 RT: 9.95 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Tgt Ion:173 Resp: 2728
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.9 58.3
 254 6.2 7.4 11.2#

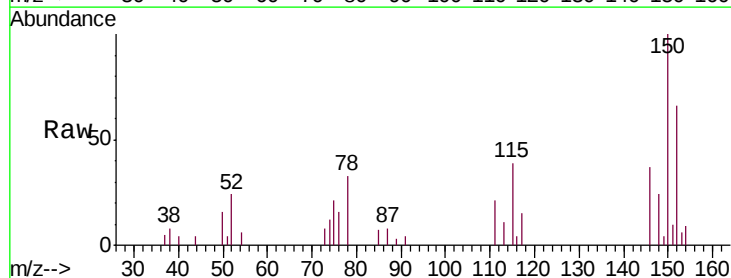


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

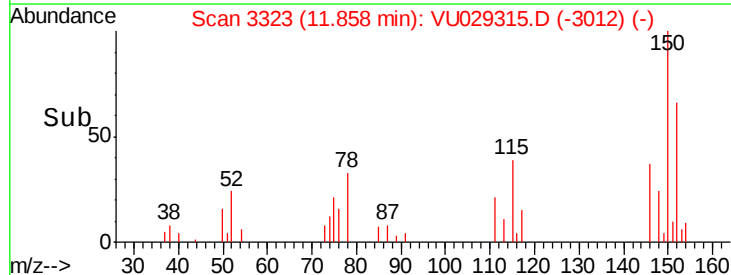
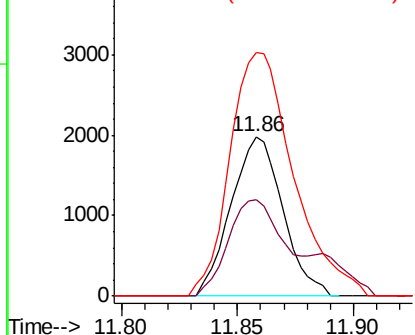


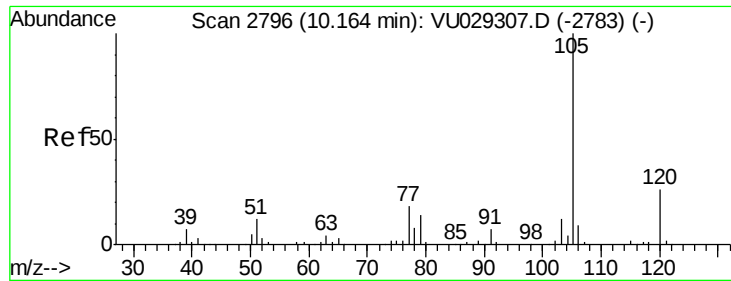
#68
 1,2-Dichlorobenzene-d4
 Concen: 2.012 ug/l
 RT: 11.86 min Scan# 3323
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:152 Resp: 3073
 Ion Ratio Lower Upper
 152 100
 115 63.6 0.0 133.4
 150 188.2 0.0 670.8



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





#69

Isopropylbenzene

Concen: 1.856 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

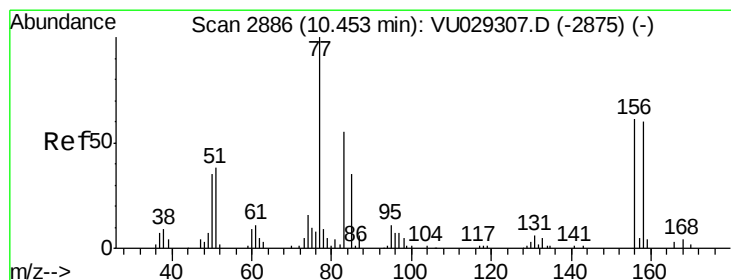
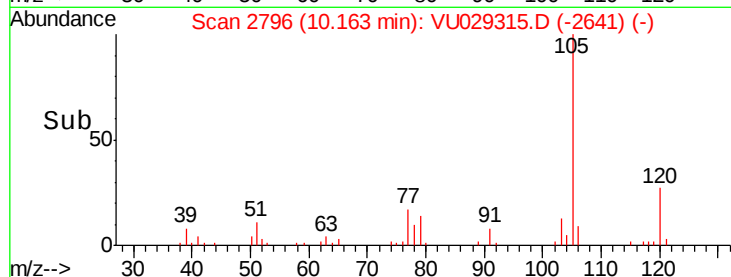
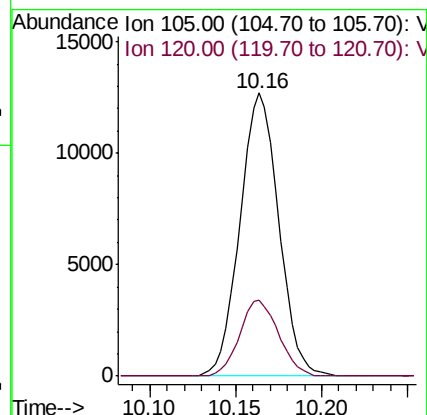
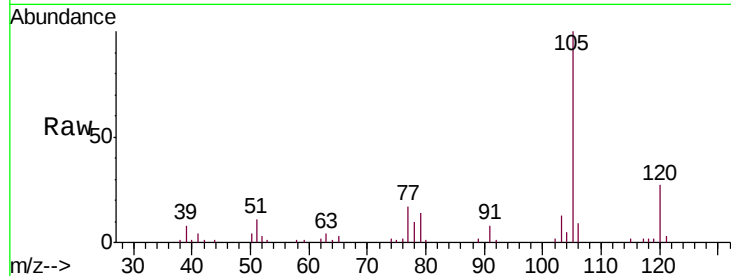
VU0130WBS01

Tgt Ion:105 Resp: 19831

Ion Ratio Lower Upper

105 100

120 26.9 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.927 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

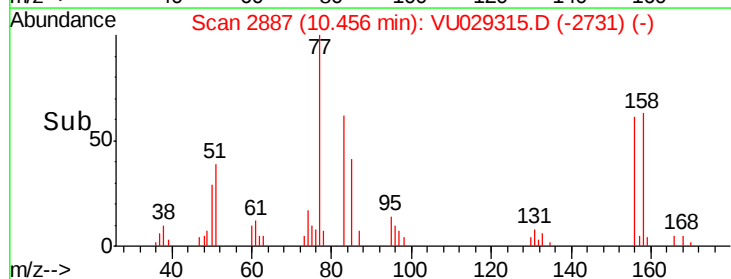
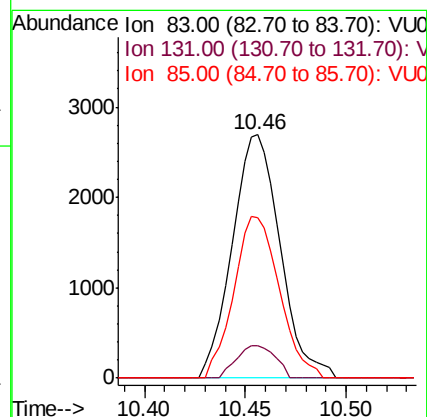
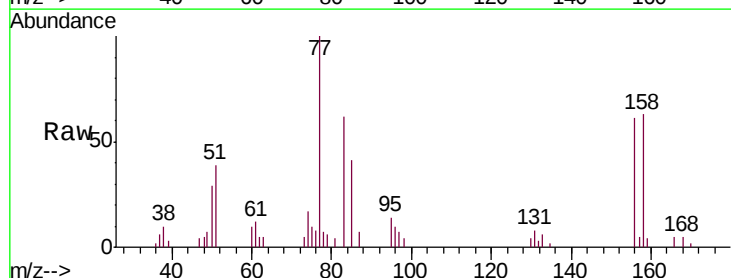
Tgt Ion: 83 Resp: 4479

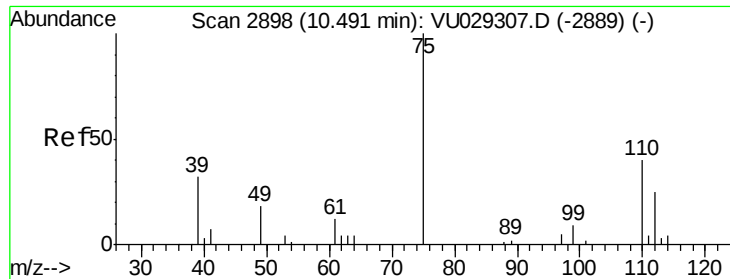
Ion Ratio Lower Upper

83 100

131 10.8 8.1 12.1

85 63.0 50.3 75.5

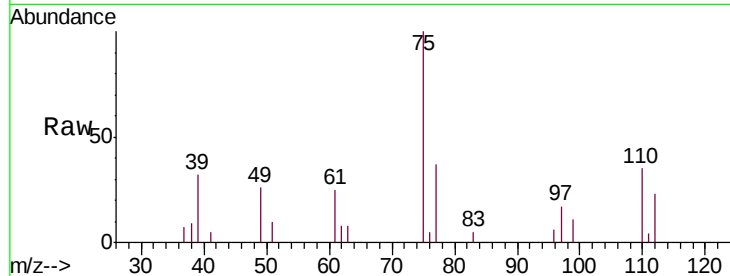




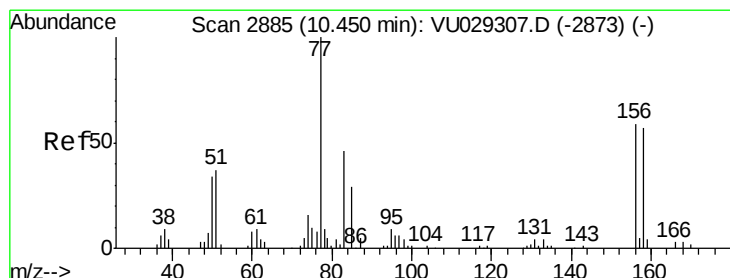
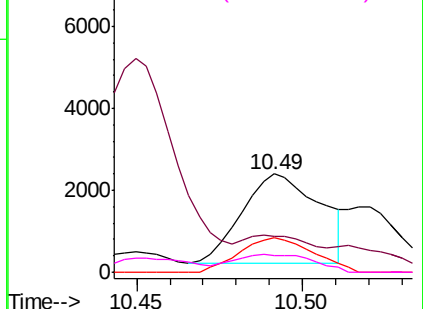
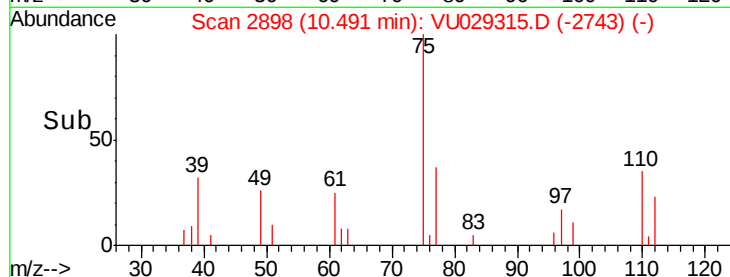
#71
 1,2,3-Trichloropropane
 Concen: 1.826 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

Tgt Ion:	75	Resp:	3604
Ion	Ratio	Lower	Upper
75	100		
77	12.1	0.0	0.0#
110	35.8	0.0	63.6
97	19.7	0.0	31.4

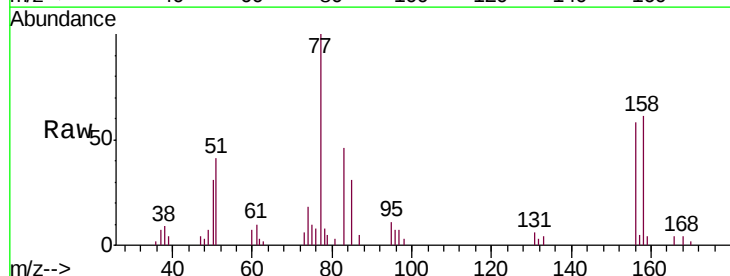


Abundance Ion 75.00 (74.70 to 75.70): VU029315.D (-2743) (-)
 Ion 77.00 (76.70 to 77.70): VU029315.D (-2743) (-)
 Ion 110.00 (109.70 to 110.70): VU029315.D (-2743) (-)
 Ion 97.00 (96.70 to 97.70): VU029315.D (-2743) (-)

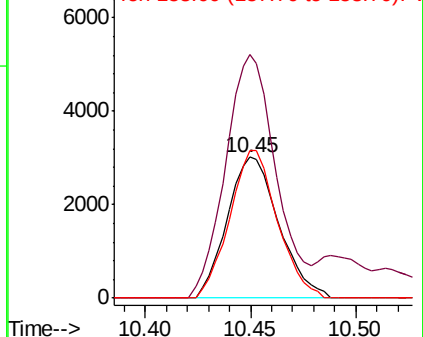
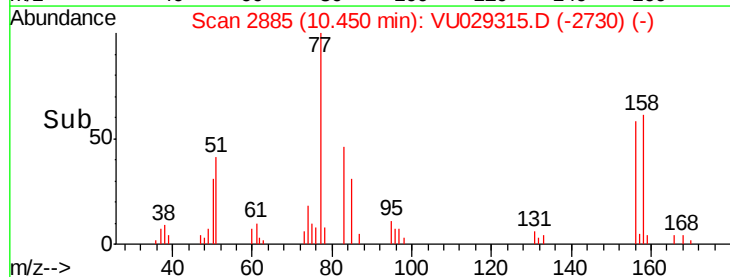


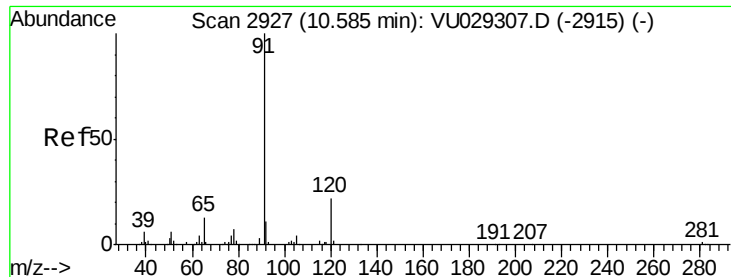
#72
 Bromobenzene
 Concen: 1.943 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:	156	Resp:	5124
Ion	Ratio	Lower	Upper
156	100		
77	169.7	0.0	343.8
158	97.0	0.0	195.0



Abundance Ion 156.00 (155.70 to 156.70): VU029315.D (-2730) (-)
 Ion 77.00 (76.70 to 77.70): VU029315.D (-2730) (-)
 Ion 158.00 (157.70 to 158.70): VU029315.D (-2730) (-)

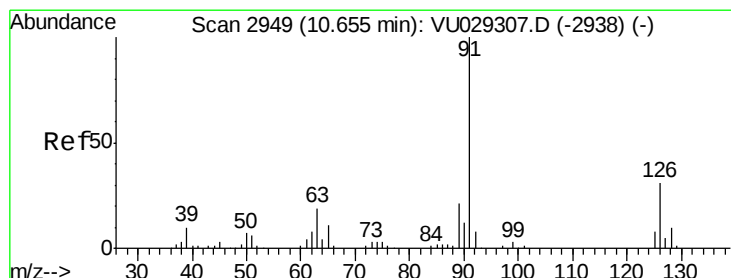
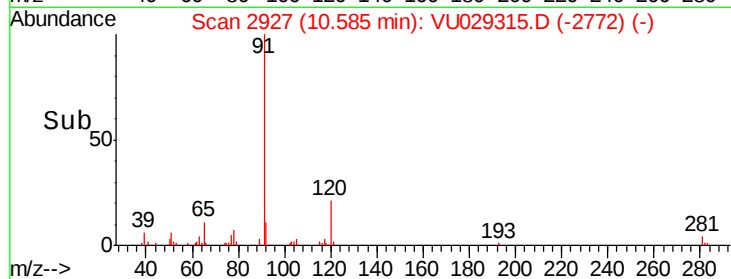
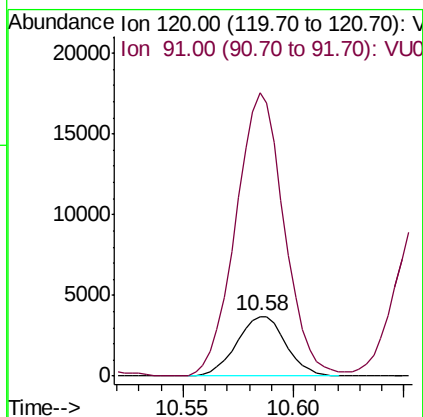
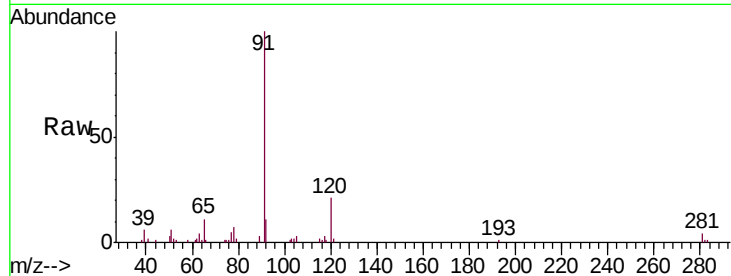




#73
n-propylbenzene
Concen: 1.991 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

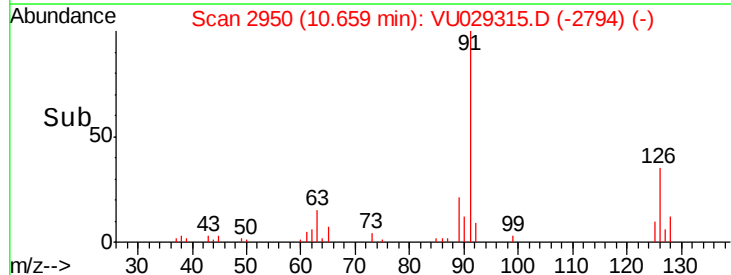
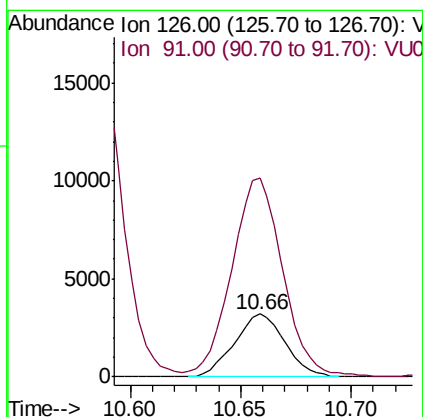
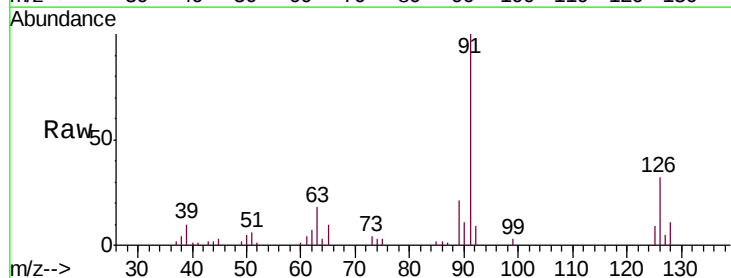
Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

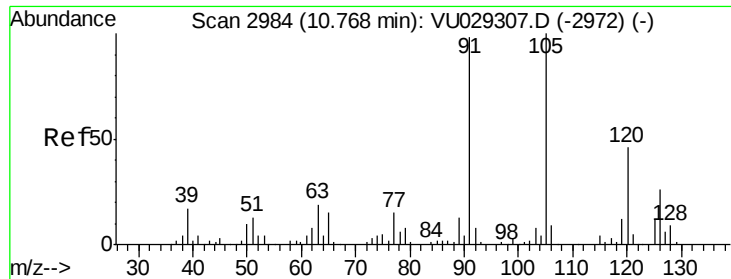
Tgt Ion:120 Resp: 5726
Ion Ratio Lower Upper
120 100
91 466.7 370.0 555.0



#74
2-Chlorotoluene
Concen: 2.021 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion:126 Resp: 5062
Ion Ratio Lower Upper
126 100
91 323.7 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 1.926 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

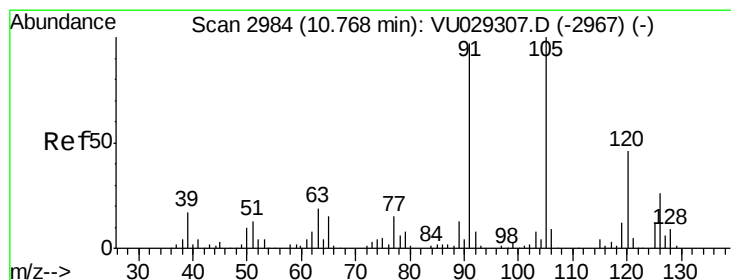
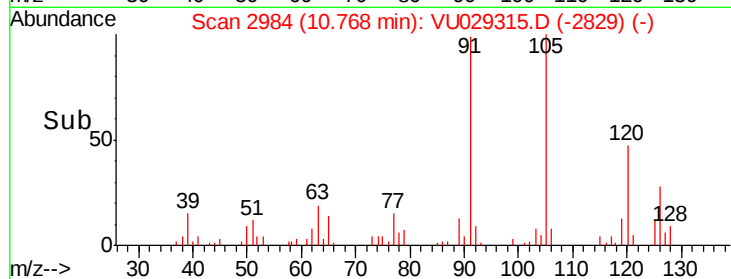
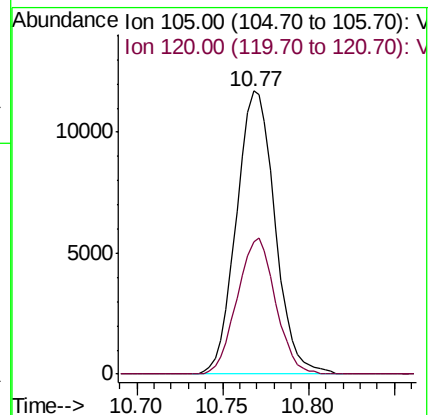
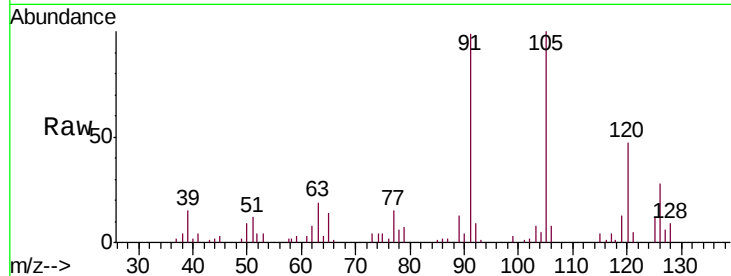
VU0130WBS01

Tgt Ion:105 Resp: 18240

Ion Ratio Lower Upper

105 100

120 47.7 37.3 55.9



#76

4-Chlorotoluene

Concen: 1.887 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029315.D

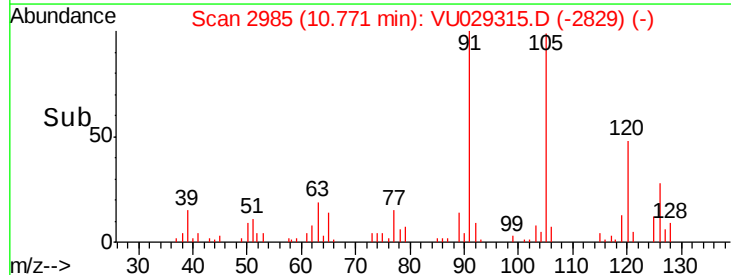
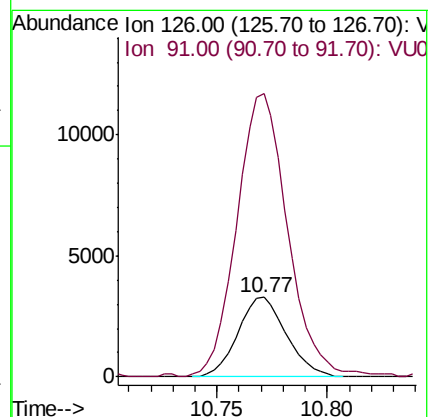
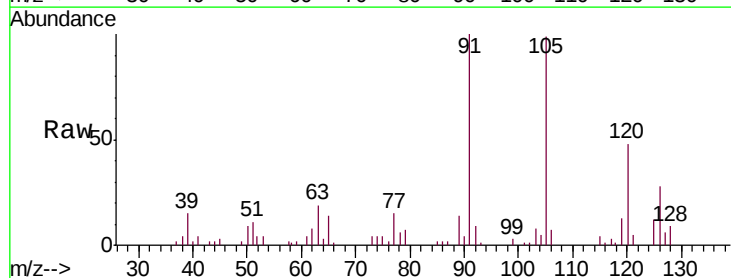
Acq: 30 Jan 2019 14:50

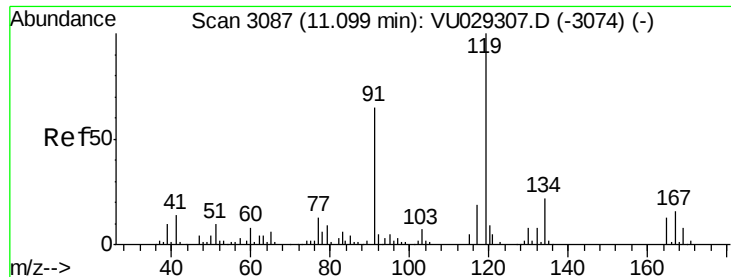
Tgt Ion:126 Resp: 5014

Ion Ratio Lower Upper

126 100

91 375.7 0.0 727.4





#77

tert-Butylbenzene

Concen: 1.963 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU029315.D

Acq: 30 Jan 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0130WBS01

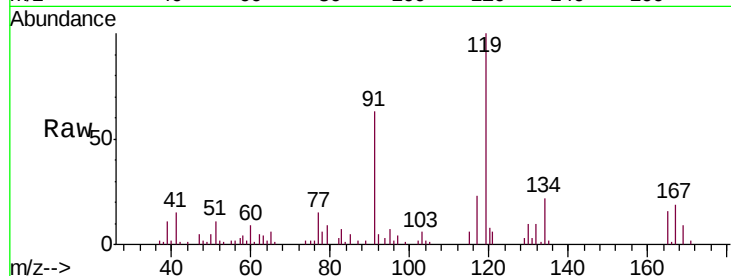
Tgt Ion:119 Resp: 17861

Ion Ratio Lower Upper

119 100

91 63.4 32.2 96.6

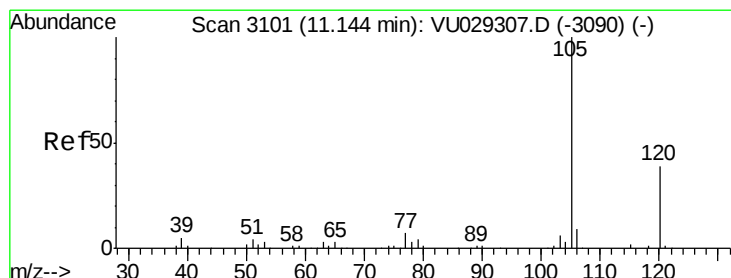
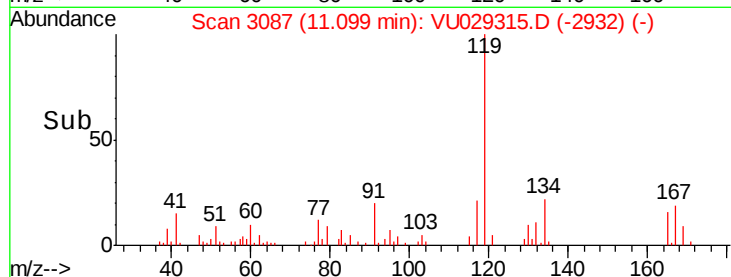
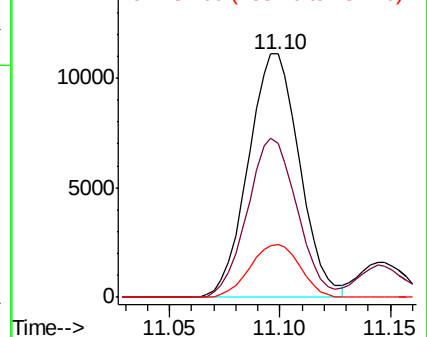
134 21.3 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.910 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029315.D

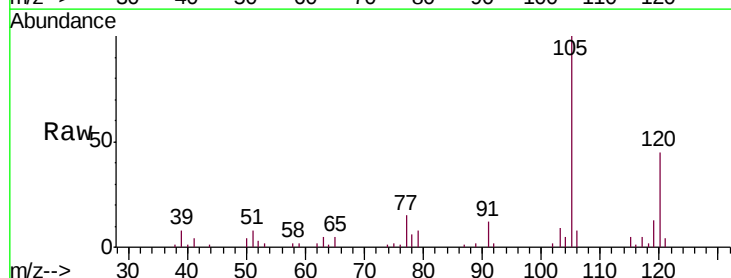
Acq: 30 Jan 2019 14:50

Tgt Ion:105 Resp: 18432

Ion Ratio Lower Upper

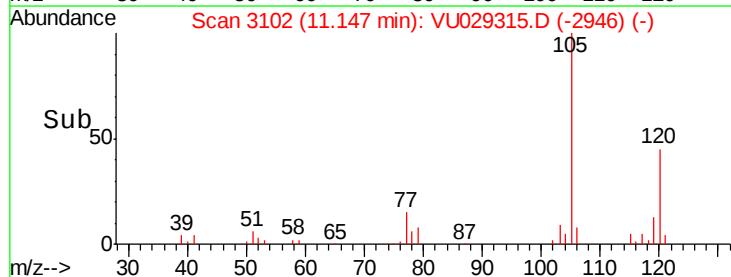
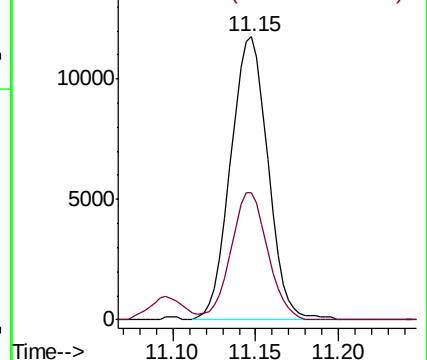
105 100

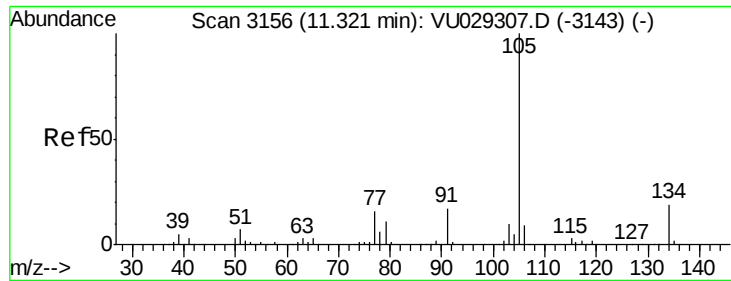
120 44.4 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

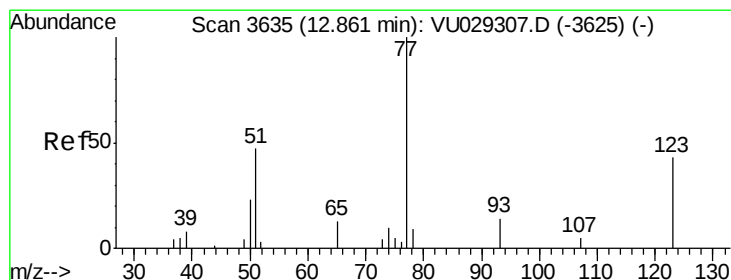
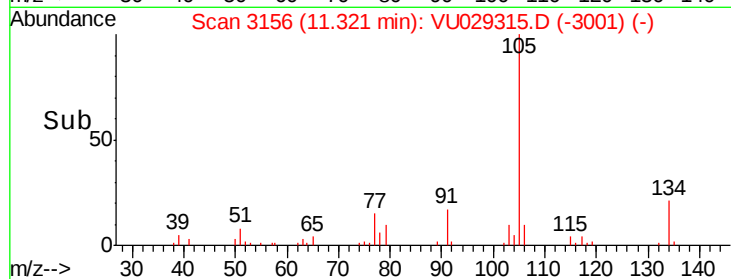
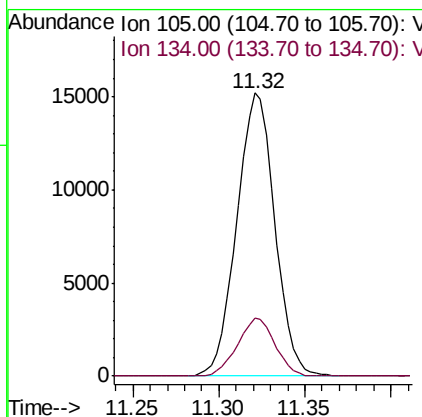
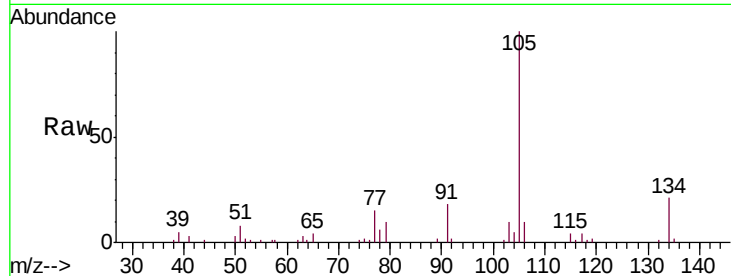




#79
 sec-Butylbenzene
 Concen: 1.956 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

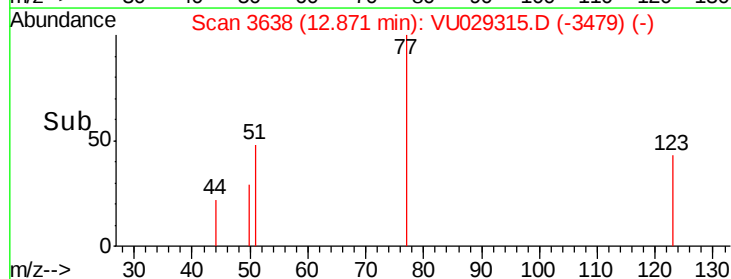
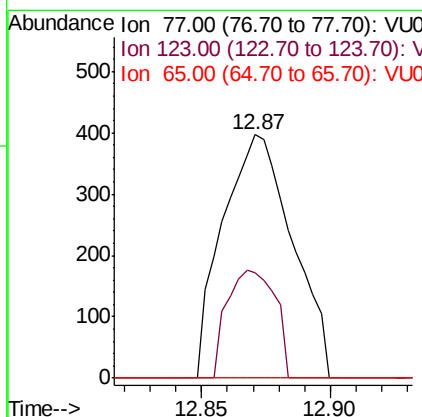
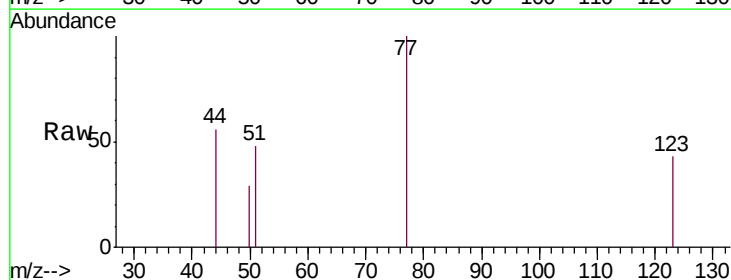
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

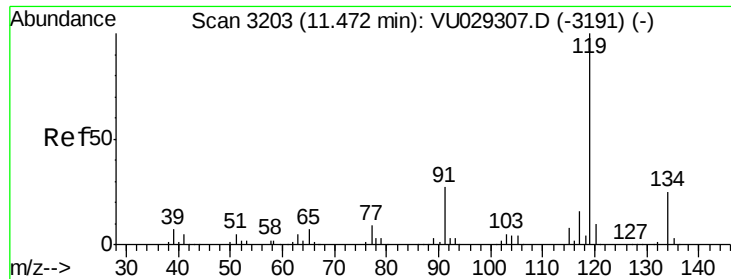
Tgt Ion: 105 Resp: 23287
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.0 22.6



#80
 Nitrobenzene
 Concen: 10.112 ug/l
 RT: 12.87 min Scan# 3638
 Delta R.T. 0.01 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 77 Resp: 745
 Ion Ratio Lower Upper
 77 100
 123 30.5 17.5 61.9
 65 0.0 10.8 13.8#

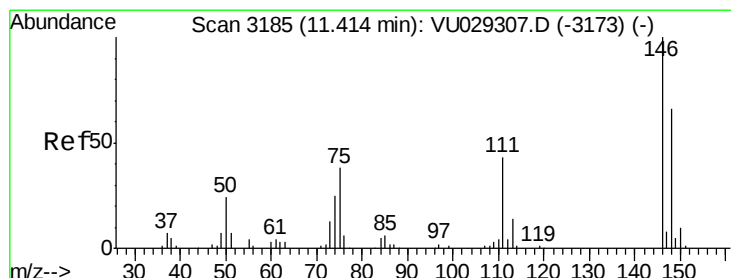
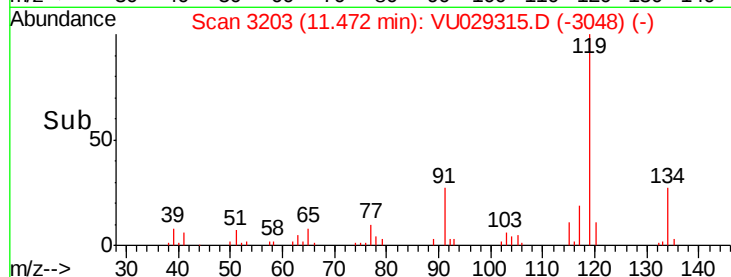
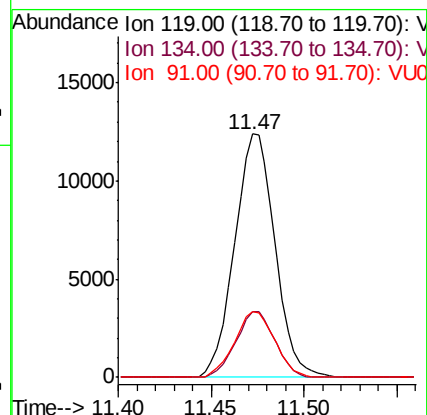
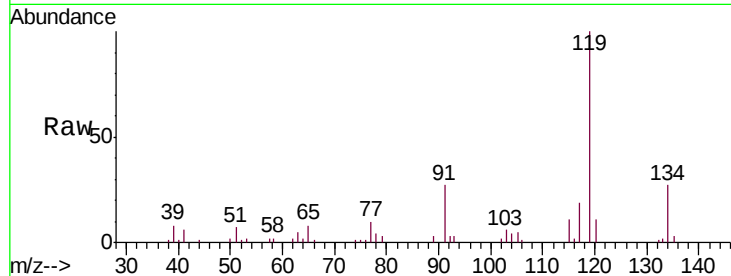




#81
 p-Isopropyltoluene
 Concen: 1.858 ug/l
 RT: 11.47 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

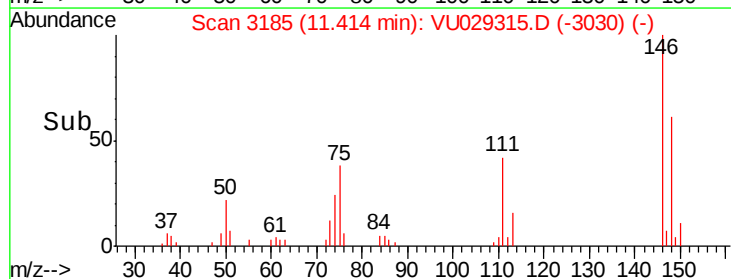
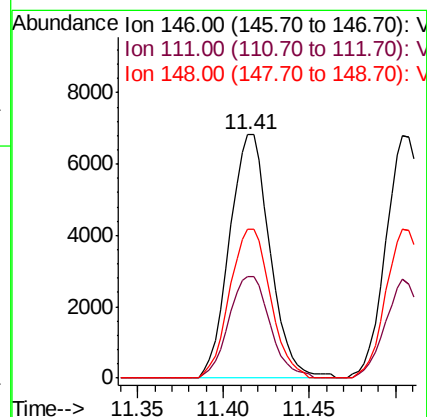
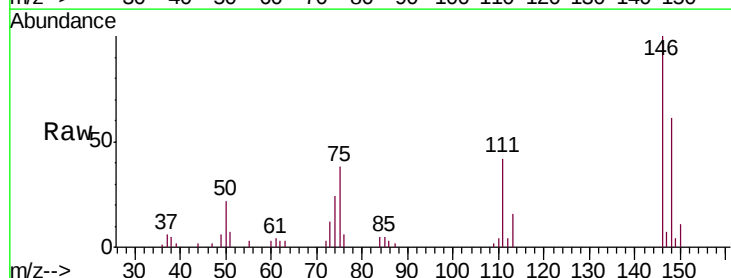
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

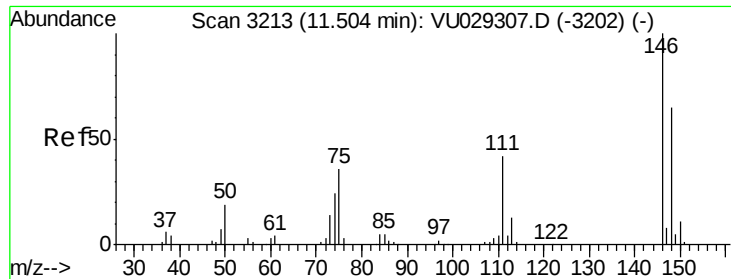
Tgt Ion:119 Resp: 18714
 Ion Ratio Lower Upper
 119 100
 134 25.9 19.8 29.6
 91 26.8 21.5 32.3



#82
 1,3-Dichlorobenzene
 Concen: 2.039 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:146 Resp: 11149
 Ion Ratio Lower Upper
 146 100
 111 42.5 34.1 51.1
 148 61.7 52.3 78.5

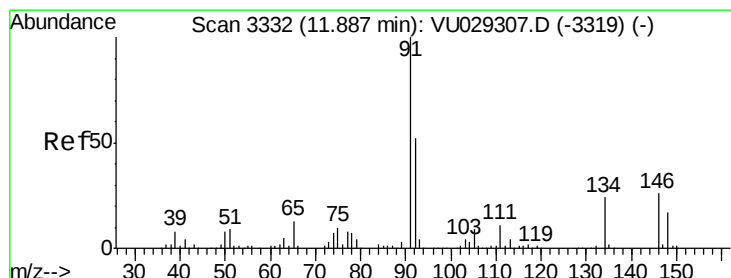
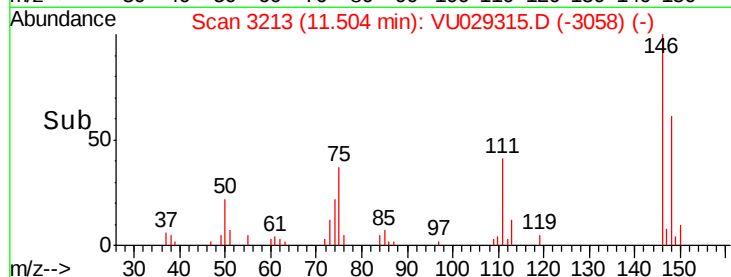
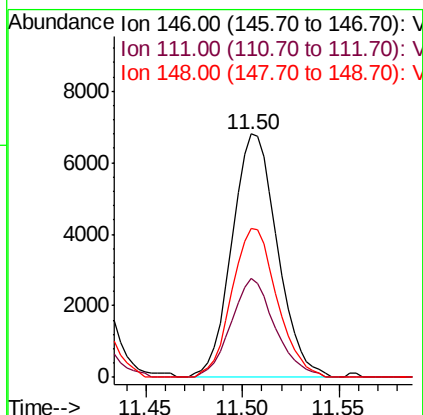
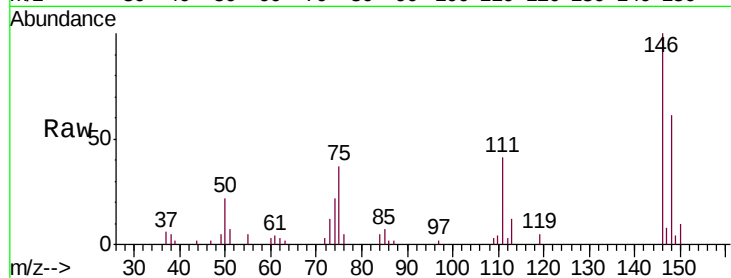




#83
 1,4-Dichlorobenzene
 Concen: 2.018 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

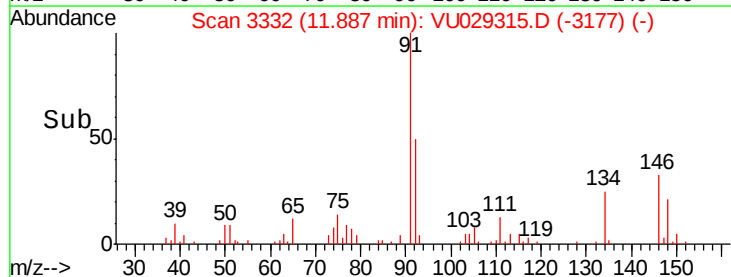
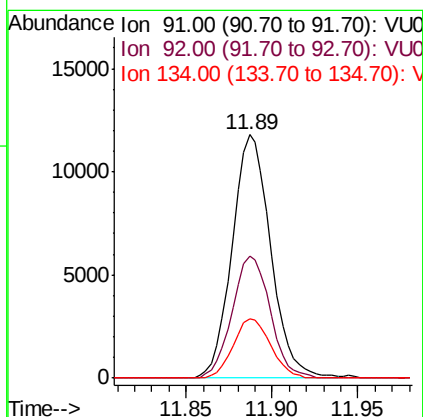
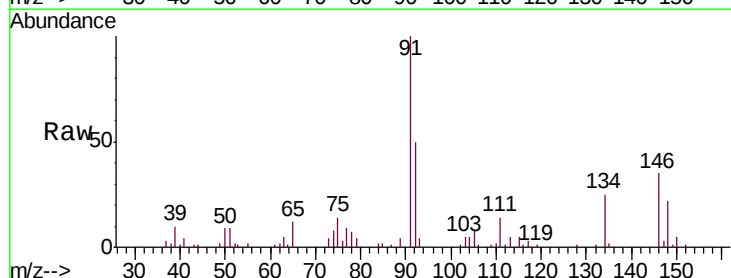
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

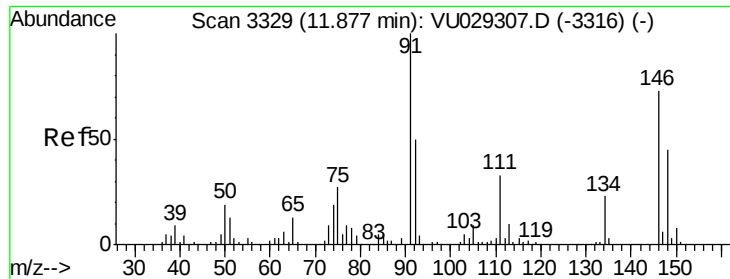
Tgt Ion: 146 Resp: 11115
 Ion Ratio Lower Upper
 146 100
 111 39.3 32.9 49.3
 148 60.8 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.887 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 91 Resp: 18465
 Ion Ratio Lower Upper
 91 100
 92 49.2 41.0 61.6
 134 23.5 19.1 28.7

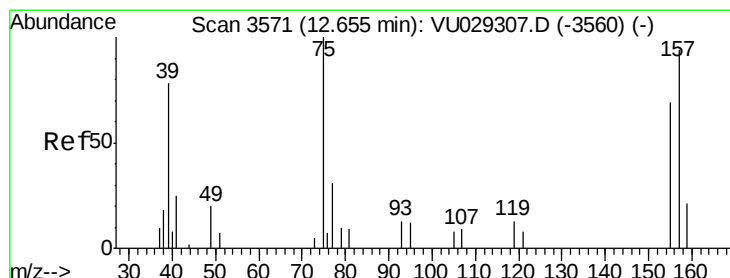
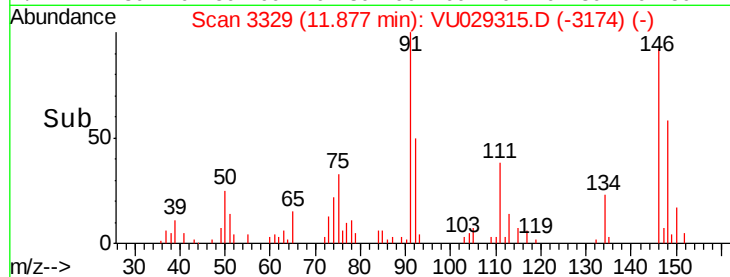
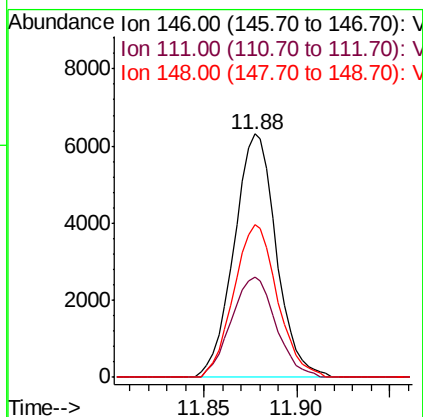
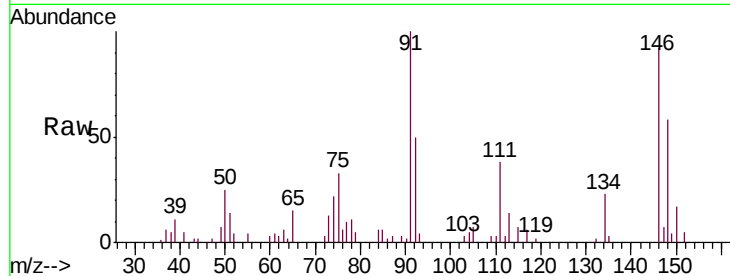




#85
 1,2-Dichlorobenzene
 Concen: 2.015 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

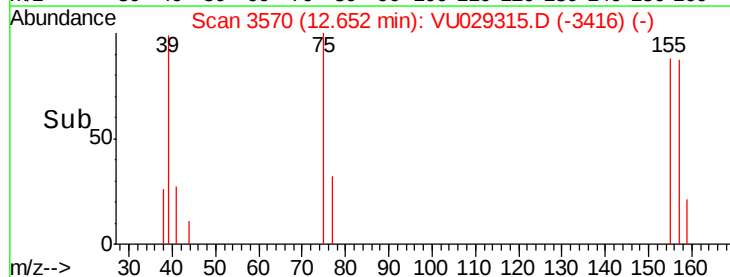
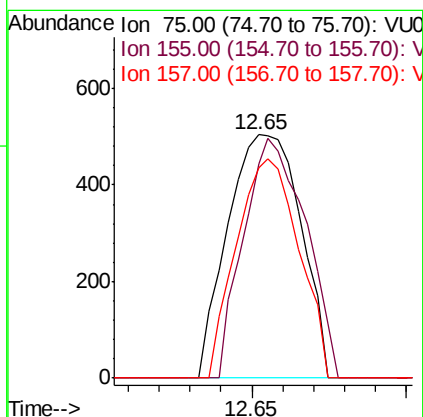
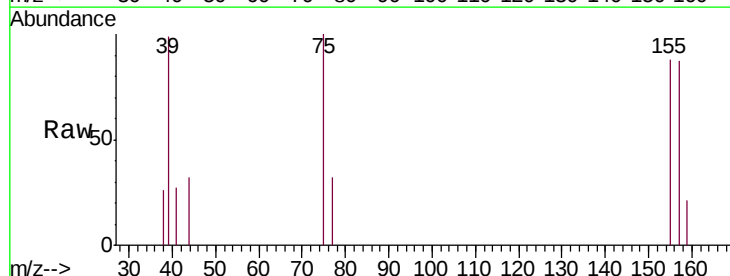
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

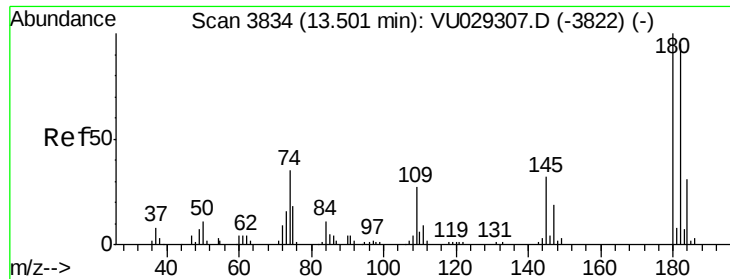
Tgt Ion: 146 Resp: 9970
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.9 65.8
 148 64.6 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.938 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion: 75 Resp: 827
 Ion Ratio Lower Upper
 75 100
 155 83.8 53.8 80.8#
 157 77.3 69.2 103.8

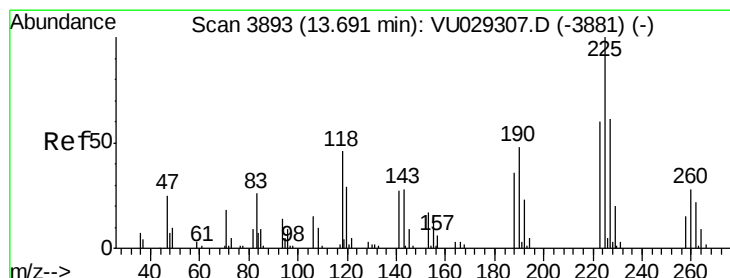
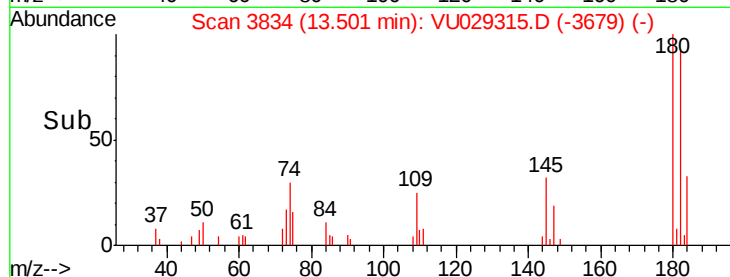
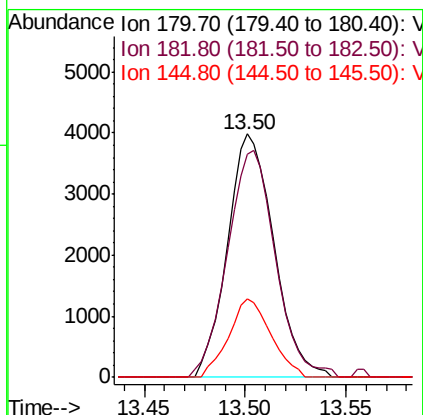
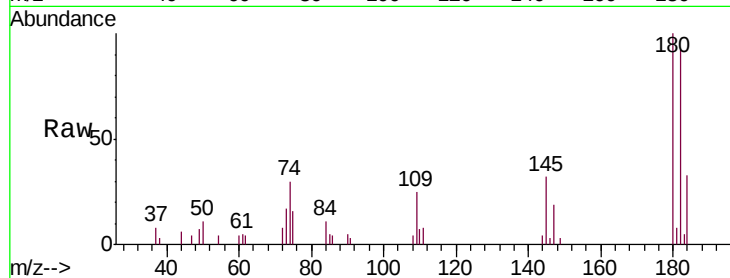




#87
 1,2,4-Trichlorobenzene
 Concen: 1.917 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

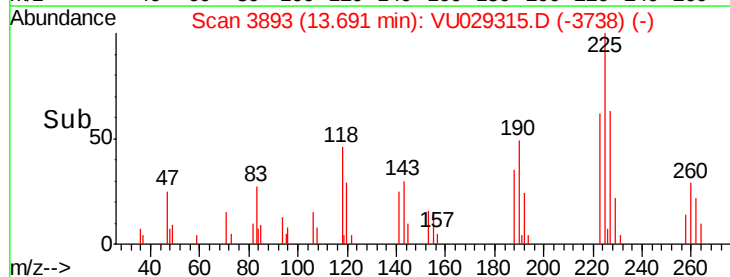
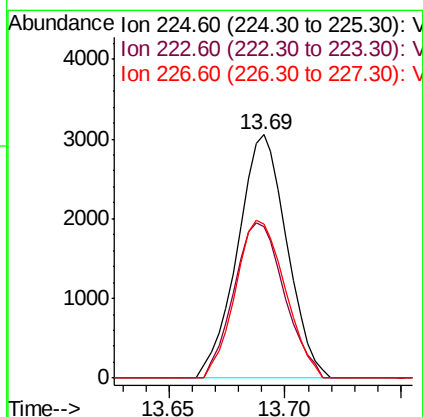
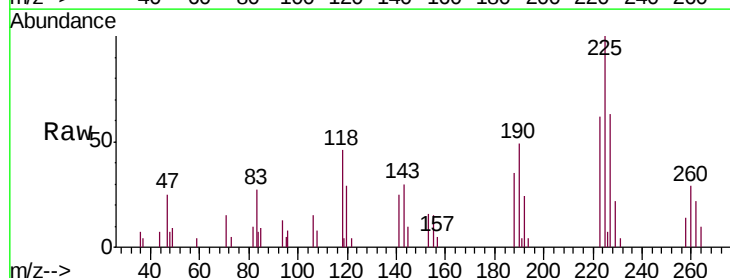
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0130WBS01

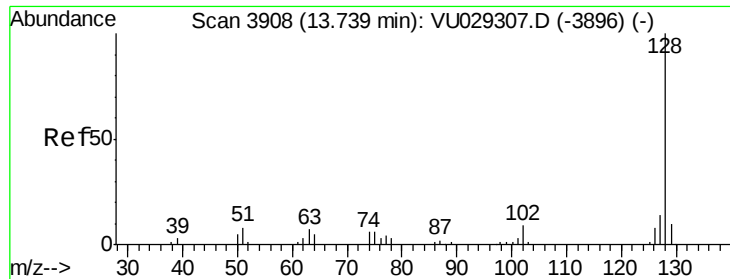
Tgt Ion:180 Resp: 6417
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.6 114.8
 145 29.2 24.6 36.8



#88
 Hexachlorobutadiene
 Concen: 2.114 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029315.D
 Acq: 30 Jan 2019 14:50

Tgt Ion:225 Resp: 4514
 Ion Ratio Lower Upper
 225 100
 223 65.1 49.5 74.3
 227 65.3 50.4 75.6

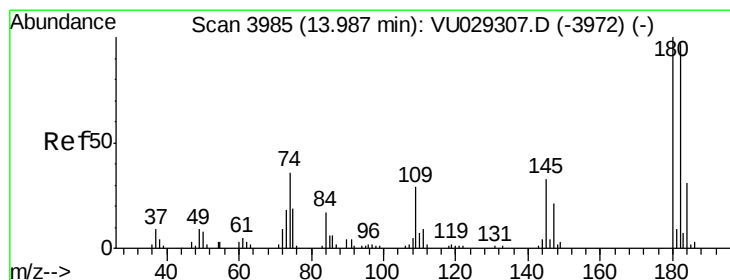
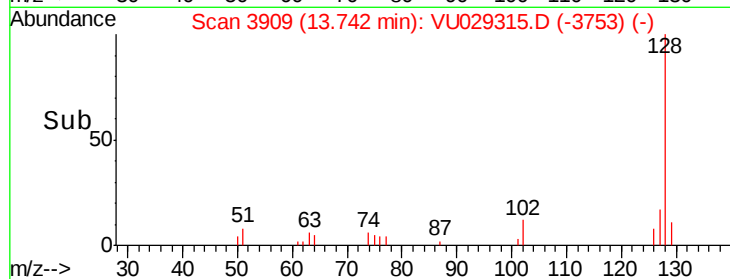
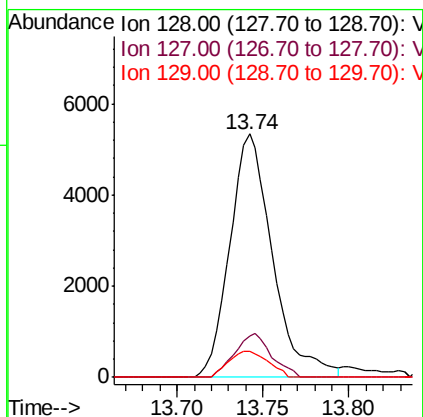
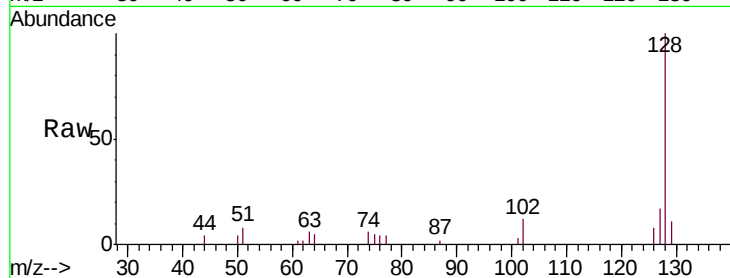




#89
Naphthalene
Concen: 1.720 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
VU0130WBS01

Tgt Ion:128 Resp: 9244
Ion Ratio Lower Upper
128 100
127 15.3 10.7 16.1
129 9.9 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 2.006 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU029315.D
Acq: 30 Jan 2019 14:50

Tgt Ion:180 Resp: 6245
Ion Ratio Lower Upper
180 100
182 90.7 78.0 117.0
145 29.6 26.6 39.8

