

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029367.D
 Acq On : 07 Feb 2019 12:22
 Operator : JC/SP
 Sample : MDL07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 13:03:37 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Feb 08 10:52:46 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	57542	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22078	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	22015	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds					Ovalue	
3) Chloromethane	1.33	50	4350	0.222	ug/l #	87
5) Bromomethane	1.63	94	3318	0.259	ug/l	94
7) Trichlorofluoromethane	1.88	101	6553	0.204	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3674	0.217	ug/l	89
9) 1,1-Dichloroethene	2.28	96	3624	0.218	ug/l	63
10) Iodomethane	2.41	142	3600	0.440	ug/l	93
11) Allyl Chloride	2.59	41	6320	0.227	ug/l	91
12) Acrylonitrile	2.94	53	1635	0.439	ug/l #	64
13) Acetone	2.32	43	5151	1.437	ug/l #	80
14) Carbon Disulfide	2.48	76	12544	0.214	ug/l	96
15) Methylene Chloride	2.70	84	7586	0.377	ug/l #	77
16) trans-1,2-Dichloroethene	2.98	96	3987	0.215	ug/l #	76
17) 1,1-Dichloroethane	3.44	63	5926	0.201	ug/l #	90
18) 2-Butanone	4.29	43	3029m	0.756	ug/l	
20) Methylcyclohexane	6.41	83	5794	0.202	ug/l	89
21) 2,2-Dichloropropane	4.22	77	6735	0.247	ug/l	92
22) cis-1,2-Dichloroethene	4.23	96	3680	0.210	ug/l	78
23) Diethyl Ether	2.11	59	3087	0.232	ug/l	84
24) tert-Butyl Alcohol	2.83	59	3842	2.773	ug/l #	88
25) Methyl tert-Butyl Ether	3.00	73	10002	0.214	ug/l #	85
27) Chloroform	4.67	83	5876	0.205	ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	5413	0.204	ug/l	94
31) Isopropyl Ether	3.58	45	9114	0.205	ug/l	84
33) Tert-Amyl methyl ether	5.58	73	8388	0.209	ug/l #	94
35) Benzene	5.39	78	13050	0.205	ug/l	95
41) Tetrahydrofuran	4.66	42	1444	0.531	ug/l #	79
43) Dibromomethane	6.56	93	1818	0.206	ug/l #	73
45) 4-Methyl-2-Pentanone	7.47	43	8668	0.838	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.52	75	1596	0.317	ug/l #	82
47) Methyl methacrylate	6.64	69	2651	0.341	ug/l #	78
52) 1,1,2-Trichloroethane	8.07	97	2560	0.219	ug/l	95
54) 2-Hexanone	8.38	43	5974	0.824	ug/l	86
56) 1,2-Dibromoethane	8.59	107	2508	0.209	ug/l	91
58) Tetrachloroethene	8.23	164	3496	0.206	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	3487	0.206	ug/l	99
64) m/p-Xylenes	9.37	106	12146	0.392	ug/l	83
74) 2-Chlorotoluene	10.66	126	3904	0.203	ug/l	75
83) 1,4-Dichlorobenzene	11.51	146	7720	0.201	ug/l	97
88) Hexachlorobutadiene	13.69	225	3081	0.207	ug/l	92
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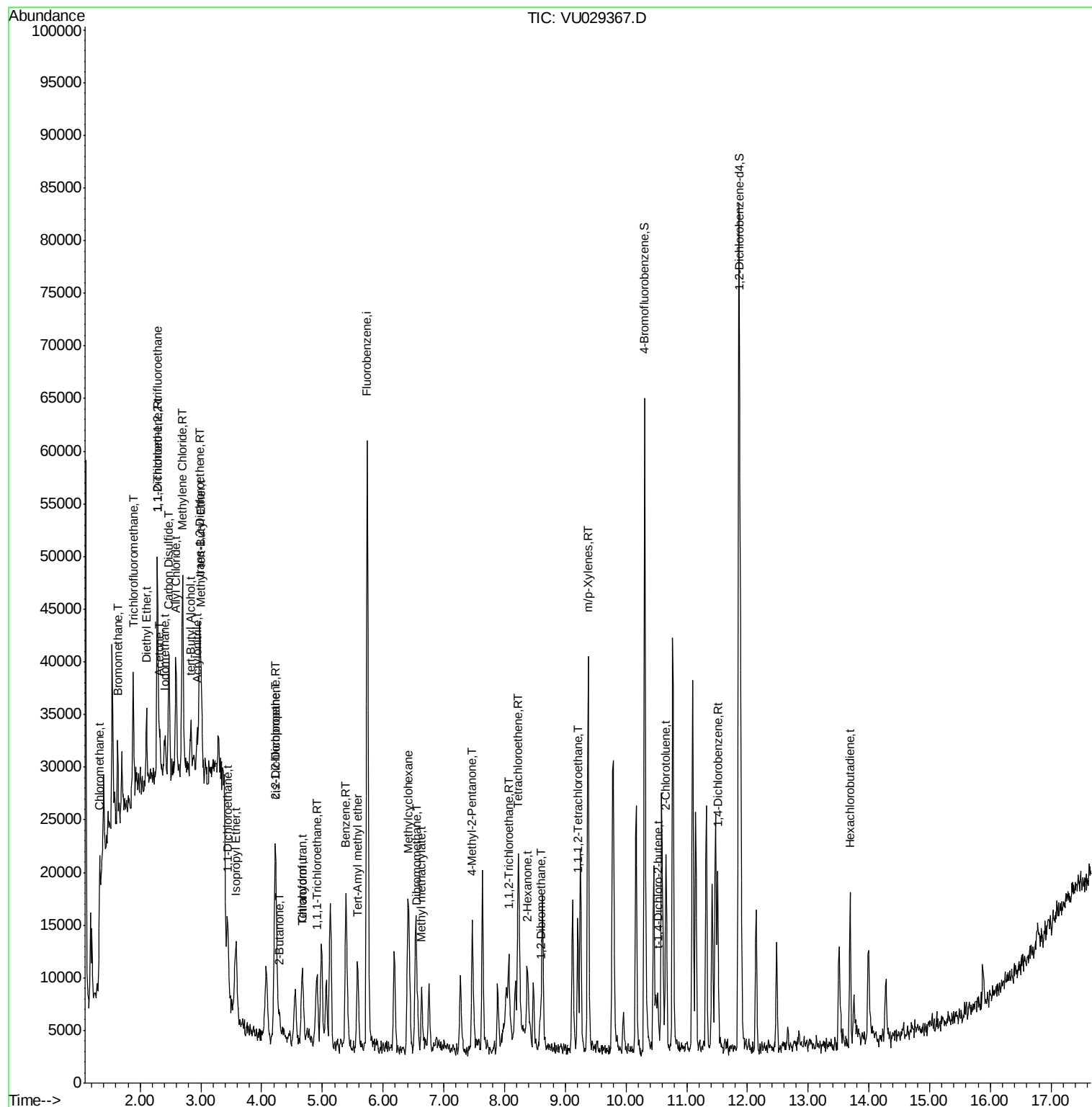
Quant Time: Feb 08 13:03:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
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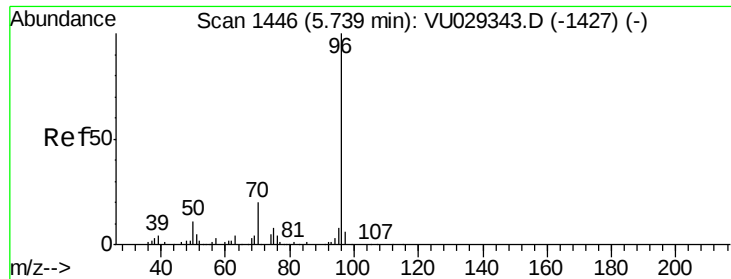
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

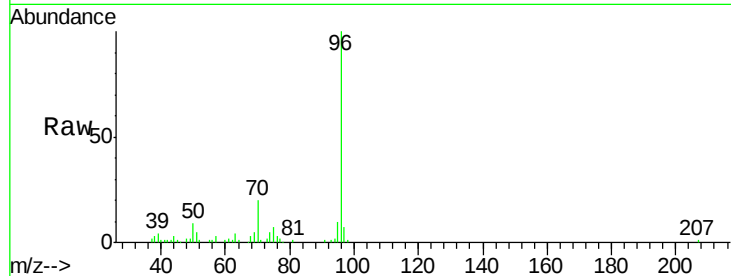
Delta R.T. 0.00 min

Lab File: VU029367.D

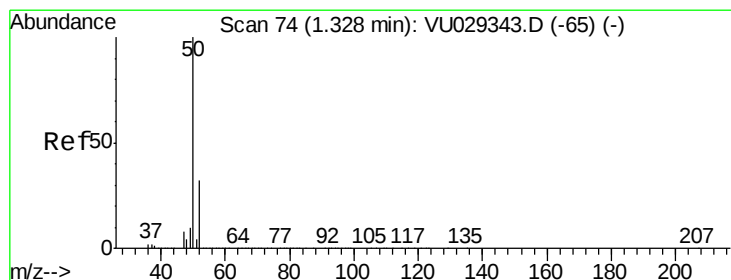
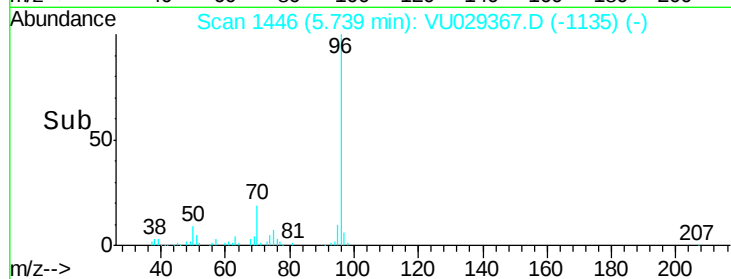
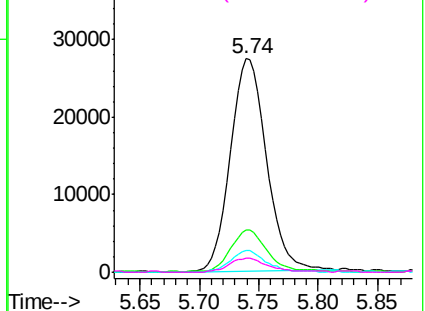
Acq: 07 Feb 2019 12:22

Tot Ion: 96 Resp: 57542

Ion	Ratio	Lower	Upper
96	100		
70	18.7	16.2	24.2
95	9.3	7.4	11.2
97	6.5	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU029343.D (-1427) (-)



#3

Chloromethane

Concen: 0.222 ug/l

RT: 1.33 min Scan# 75

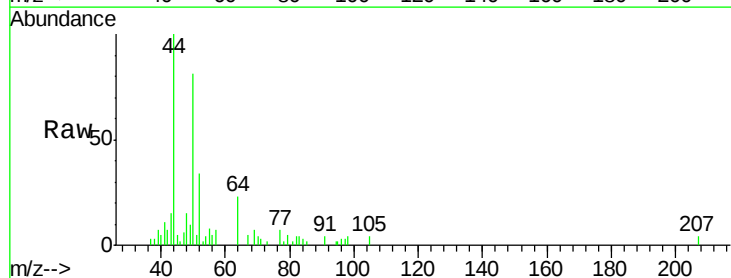
Delta R.T. 0.00 min

Lab File: VU029367.D

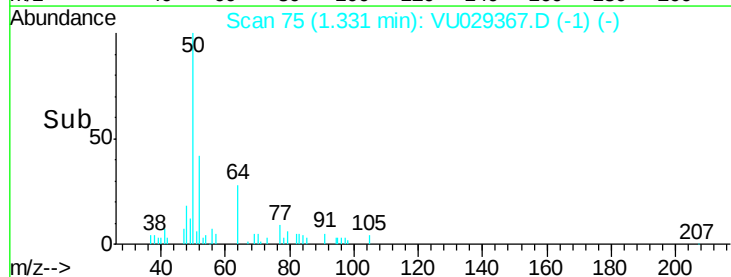
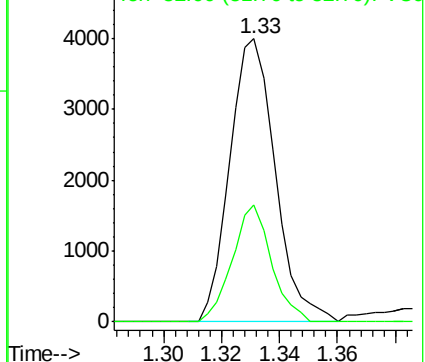
Acq: 07 Feb 2019 12:22

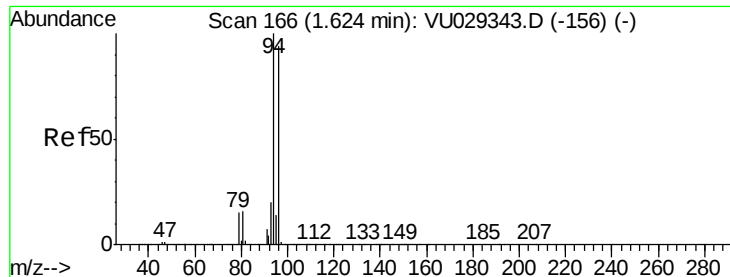
Tgt Ion: 50 Resp: 4350

Ion	Ratio	Lower	Upper
50	100		
52	41.6	27.3	40.9#



Abundance Ion 50.00 (49.70 to 50.70): VU029343.D (-65) (-)





#5

Bromomethane

Concen: 0.259 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029367.D

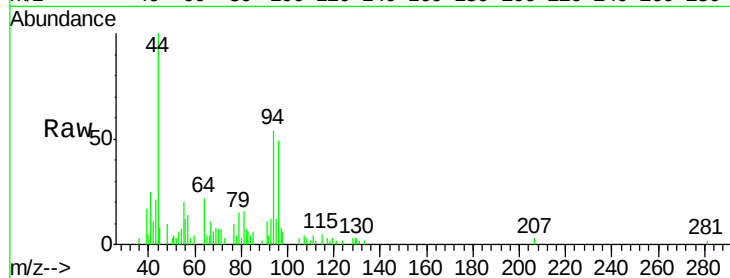
Acq: 07 Feb 2019 12:22

Tot Ion: 94 Resp: 3318

Ion Ratio Lower Upper

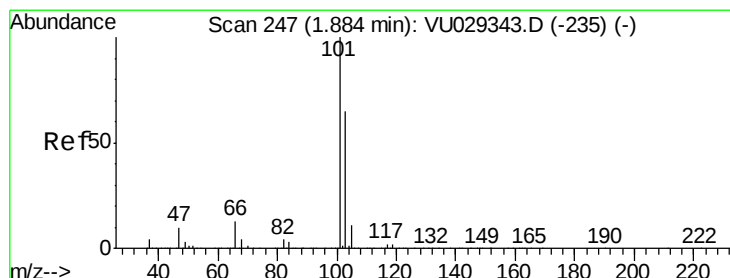
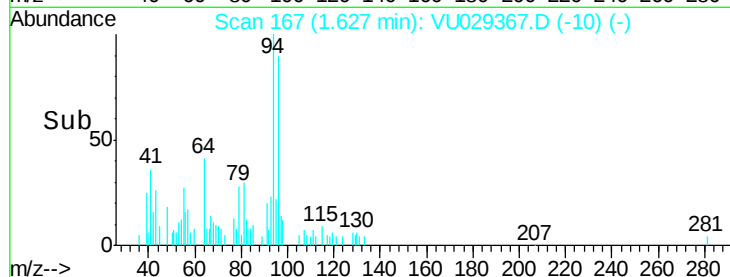
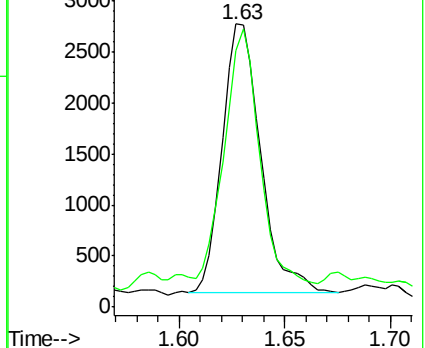
94 100

96 84.3 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#7

Trichlorofluoromethane

Concen: 0.204 ug/l

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU029367.D

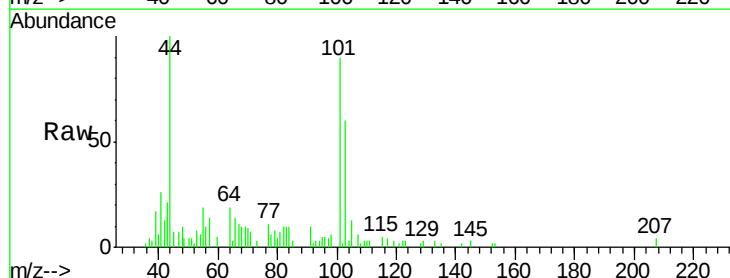
Acq: 07 Feb 2019 12:22

Tgt Ion: 101 Resp: 6553

Ion Ratio Lower Upper

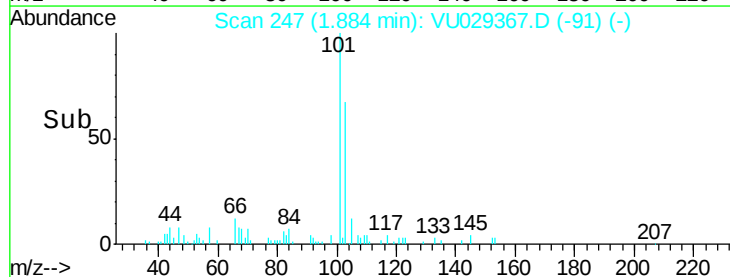
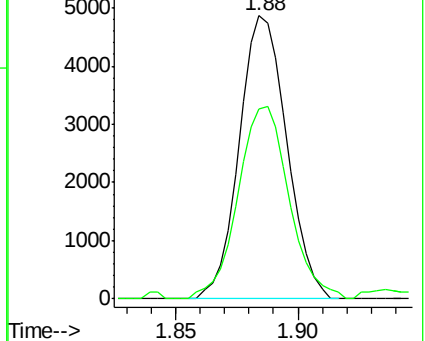
101 100

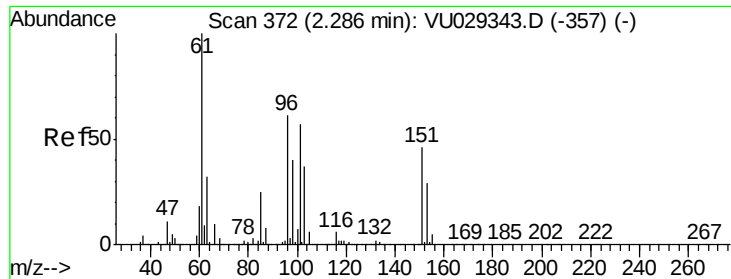
103 67.2 53.9 80.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#8

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

Concen: 0.217 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

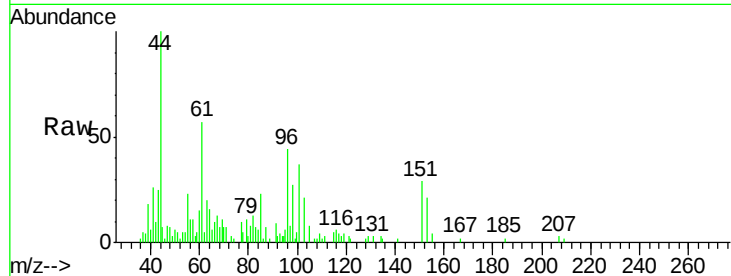
Tot Ion:101 Resp: 3674

Ion Ratio Lower Upper

101 100

85 47.3 40.3 60.5

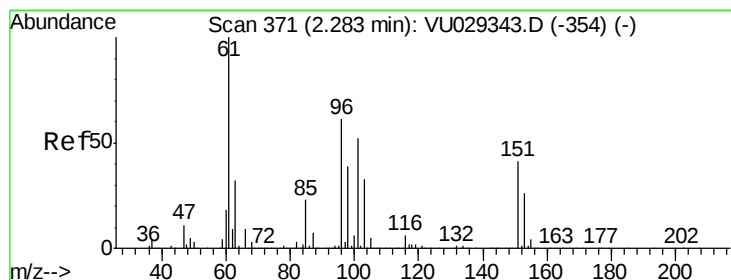
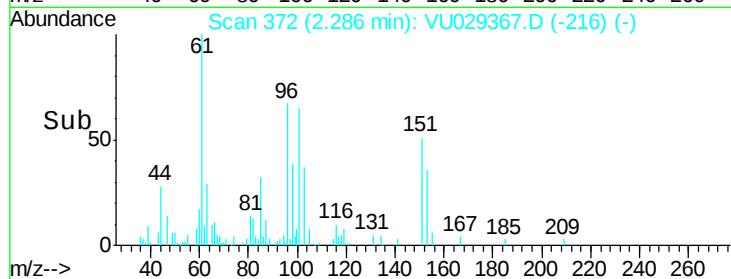
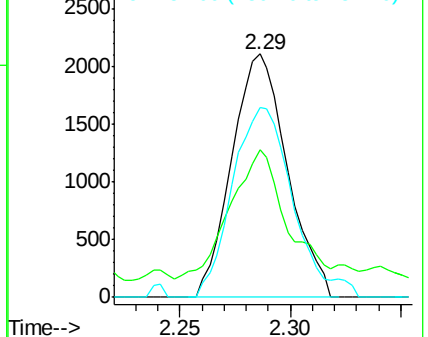
151 85.1 58.1 87.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#9

1,1-Dichloroethene

Concen: 0.218 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

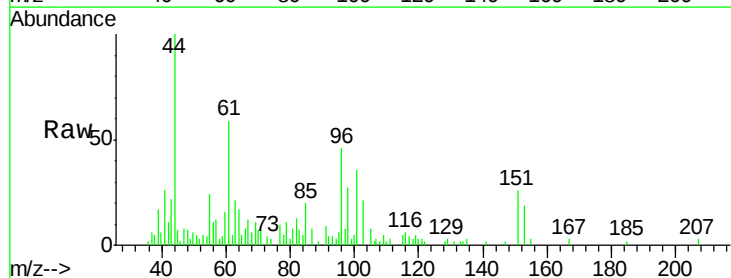
Tgt Ion: 96 Resp: 3624

Ion Ratio Lower Upper

96 100

61 143.2 0.0 641.4

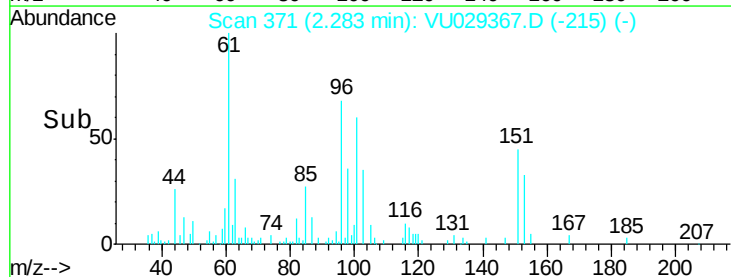
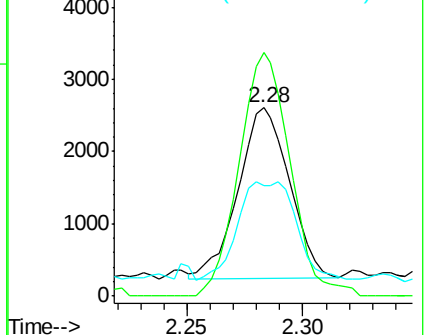
98 53.1 0.0 122.6

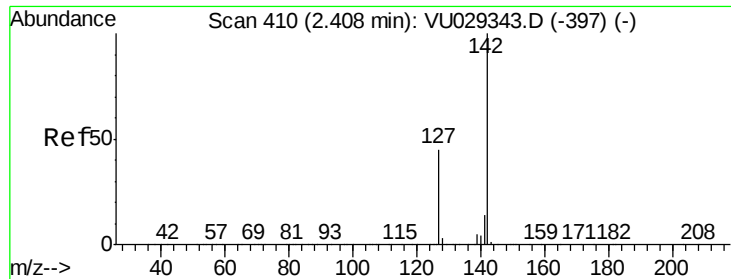


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#10

Iodomethane

Concen: 0.440 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029367.D

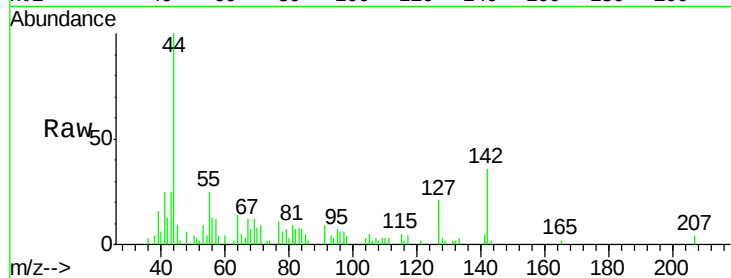
Acq: 07 Feb 2019 12:22

Tot Ion:142 Resp: 3600

Ion Ratio Lower Upper

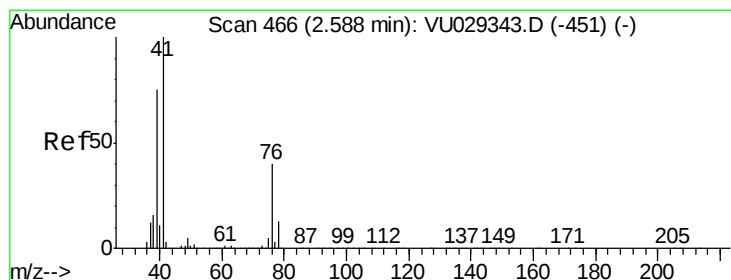
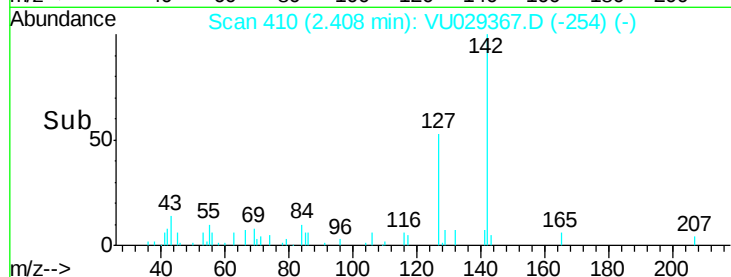
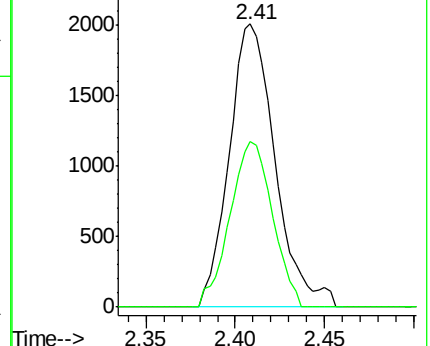
142 100

127 54.1 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V



#11

Allyl Chloride

Concen: 0.227 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029367.D

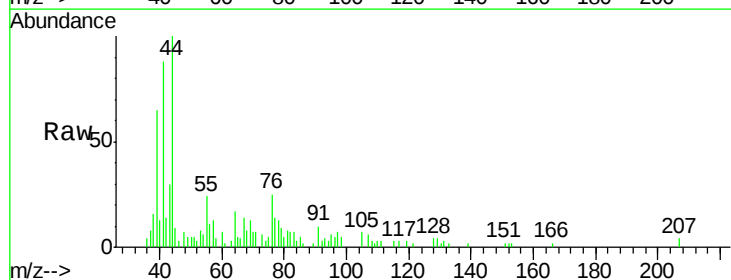
Acq: 07 Feb 2019 12:22

Tgt Ion: 41 Resp: 6320

Ion Ratio Lower Upper

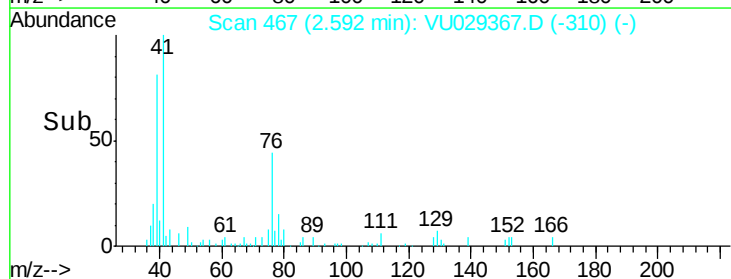
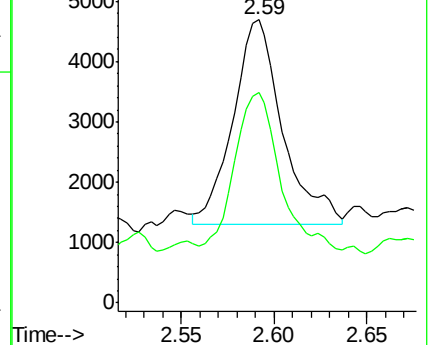
41 100

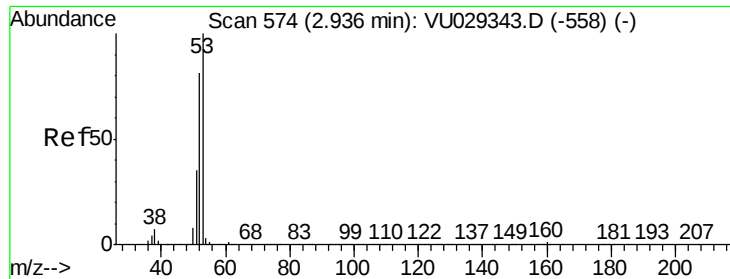
39 76.0 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#12

Acrylonitrile

Concen: 0.439 ug/l

RT: 2.94 min Scan# 576

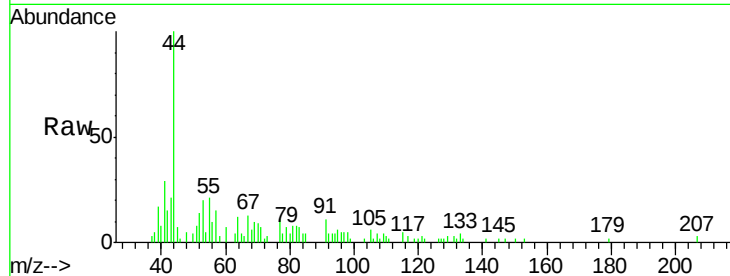
Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

Tot Ion: 53 Resp: 1635

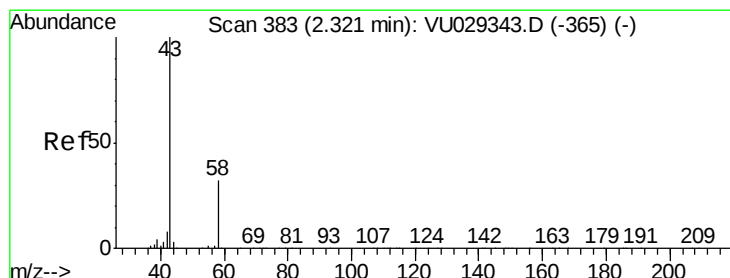
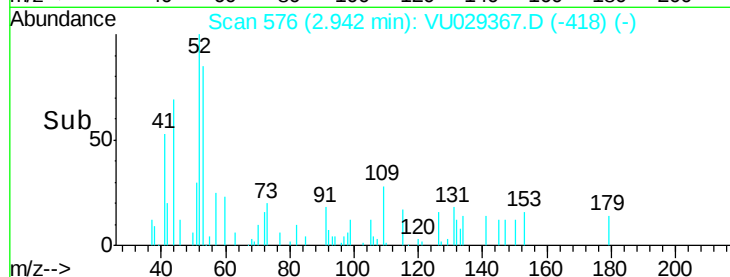
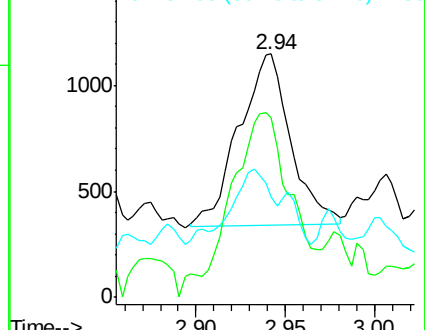
Ion	Ratio	Lower	Upper
53	100		
52	125.8	67.6	101.4#
51	30.2	31.0	46.4#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#13

Acetone

Concen: 1.437 ug/l

RT: 2.32 min Scan# 383

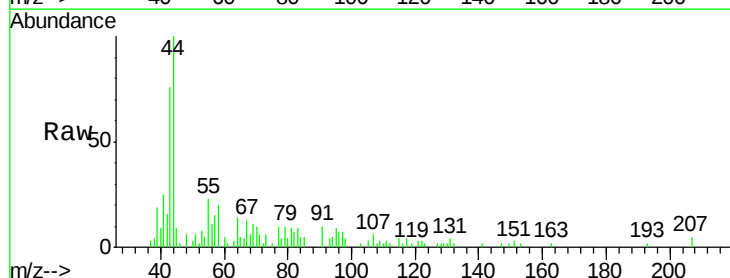
Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

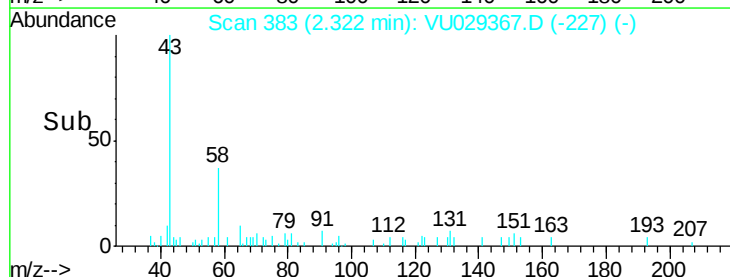
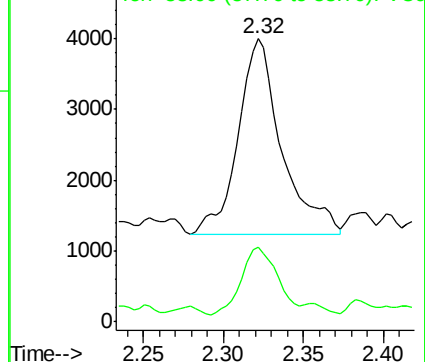
Tgt Ion: 43 Resp: 5151

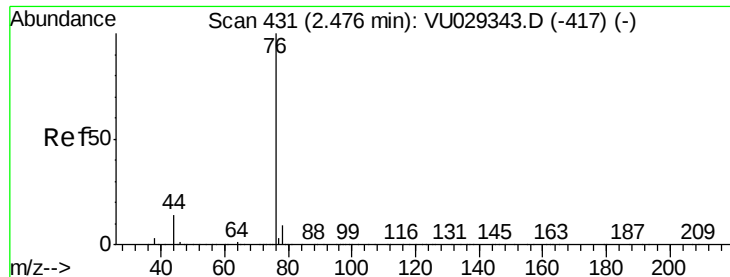
Ion	Ratio	Lower	Upper
43	100		
58	33.6	19.2	28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

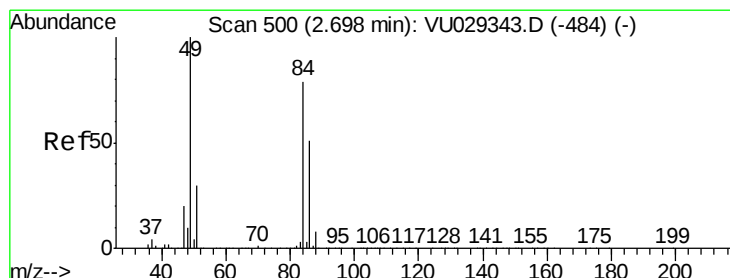
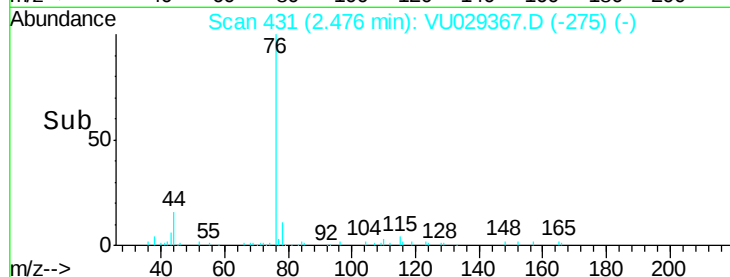
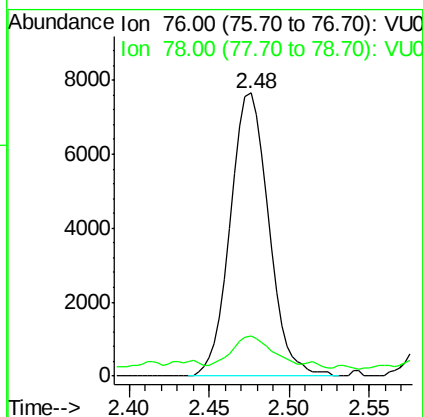
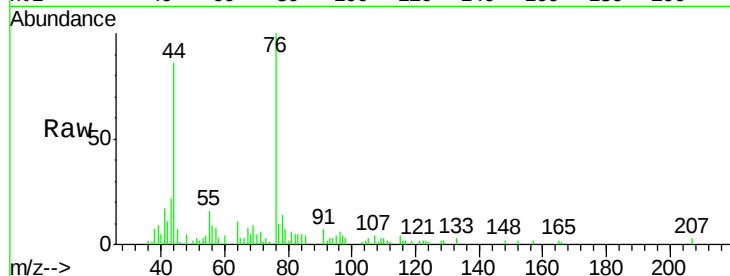
Ion 58.00 (57.70 to 58.70): VU0





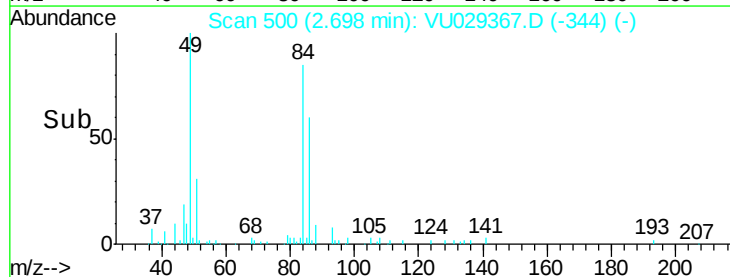
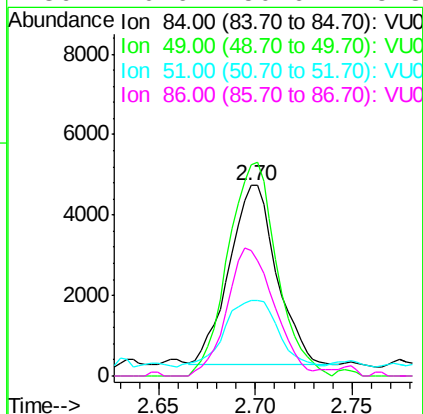
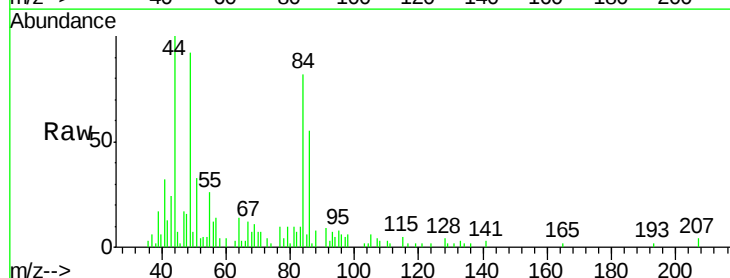
#14
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

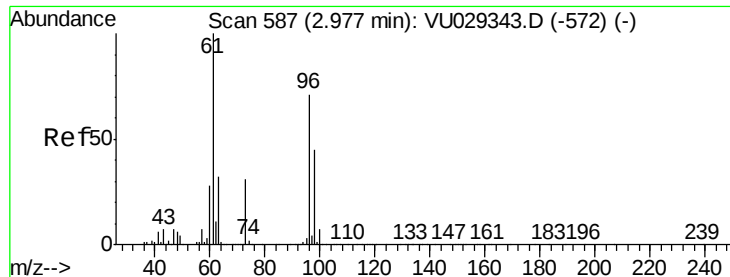
Tot Ion: 76 Resp: 12544
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7



#15
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

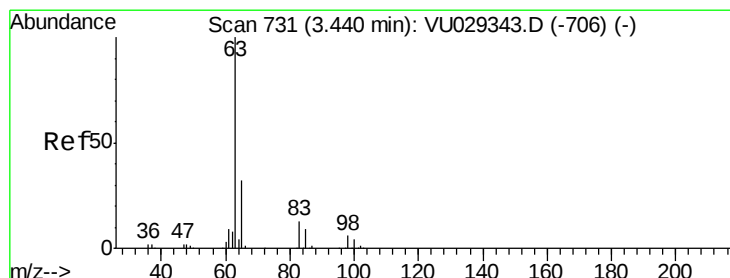
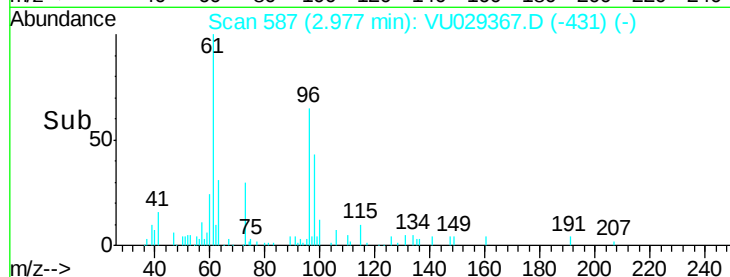
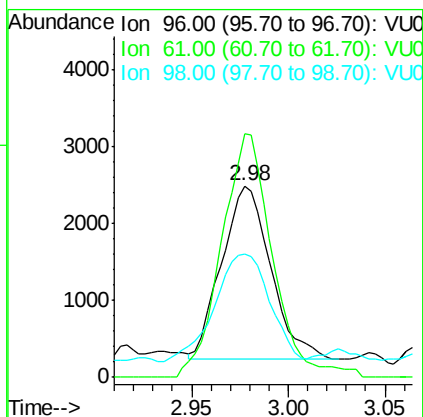
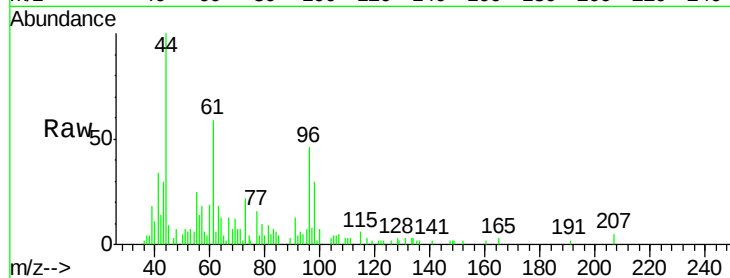
Tgt Ion: 84 Resp: 7586
Ion Ratio Lower Upper
84 100
49 118.3 127.0 190.6#
51 35.3 0.0 93.4
86 70.6 50.6 75.8





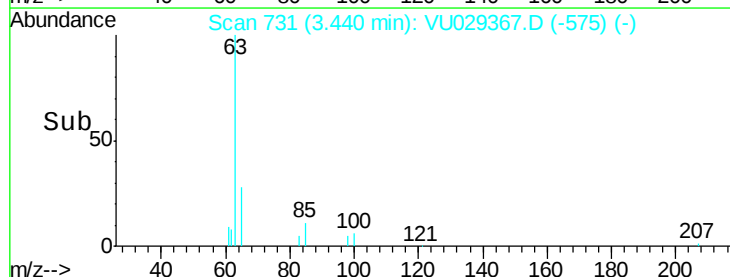
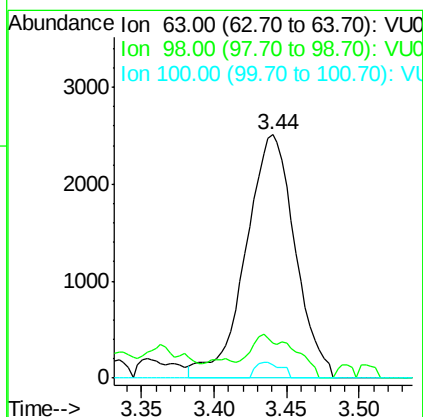
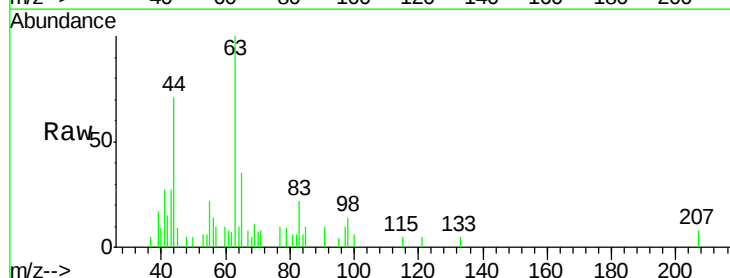
#16
trans-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

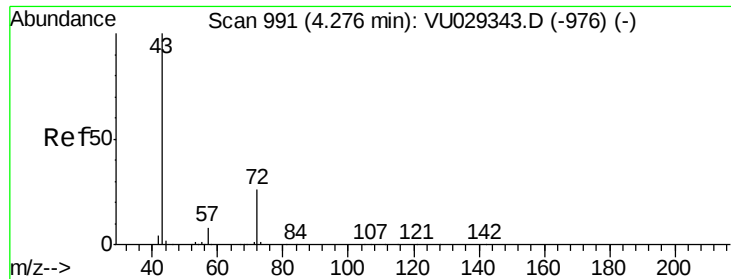
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	140.6	210.8#
98	55.0	49.3	73.9



#17
1,1-Dichloroethane
Concen: 0.201 ug/l
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
63	100		
98	10.1	2.9	8.8#
100	5.5	1.7	5.1#





#18

2-Butanone

Concen: 0.756 ug/l m

RT: 4.29 min Scan# 995

Delta R.T. 0.01 min

Lab File: VU029367.D

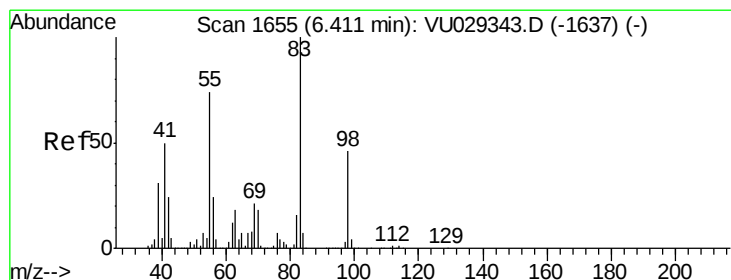
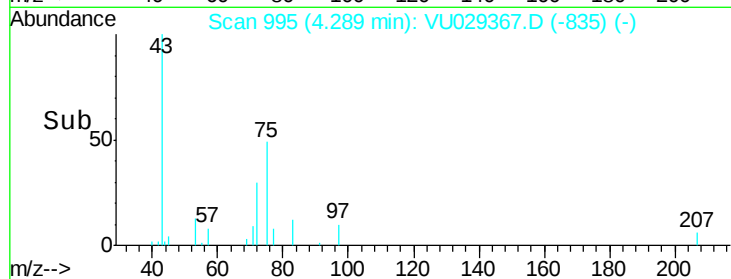
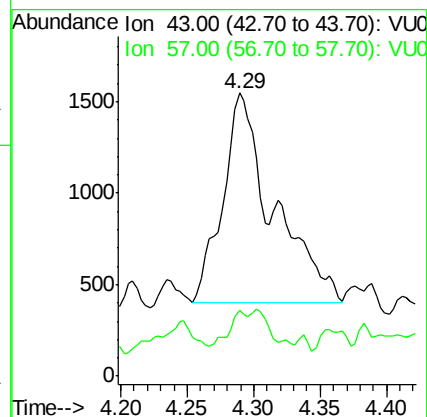
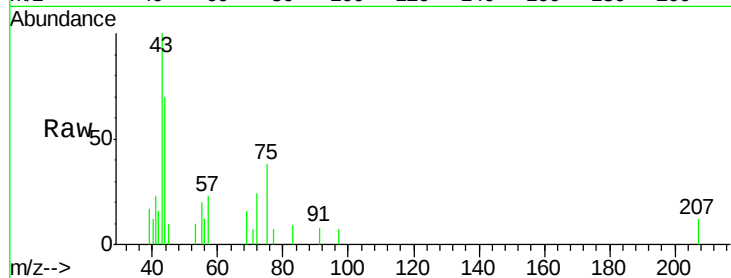
Acq: 07 Feb 2019 12:22

Tot Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

57 23.3 0.0 15.8#



#20

Methylcyclohexane

Concen: 0.202 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

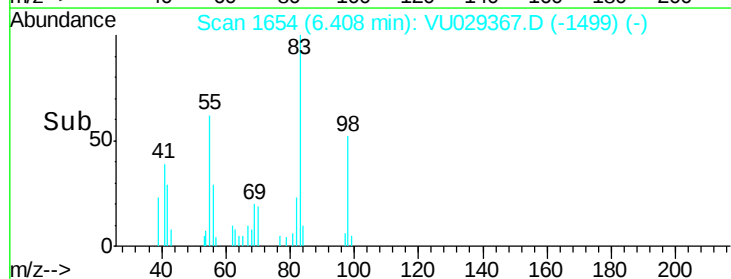
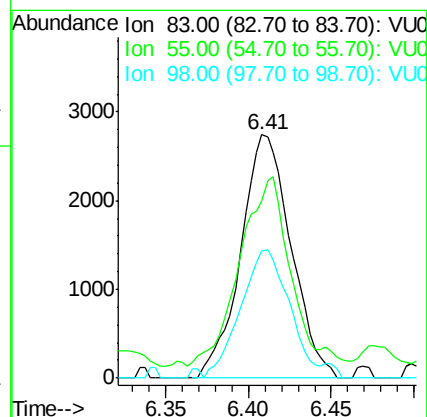
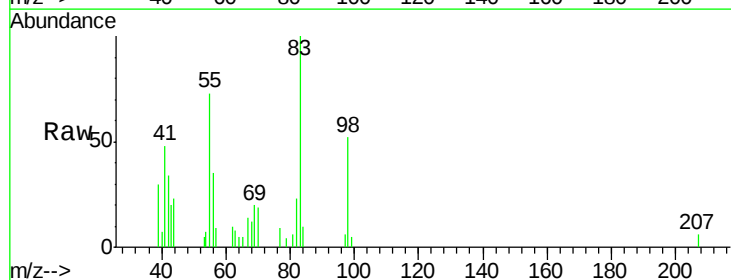
Tgt Ion: 83 Resp: 5794

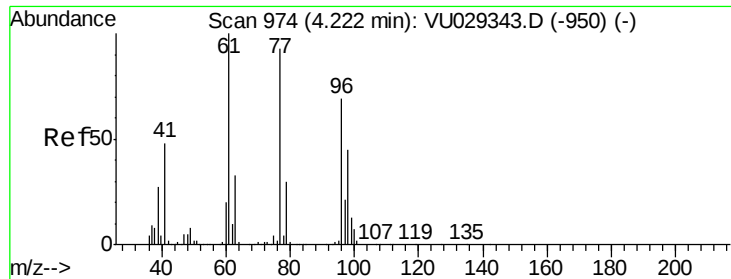
Ion Ratio Lower Upper

83 100

55 75.0 72.4 108.6

98 46.3 36.6 54.8





#21

2,2-Dichloropropane

Concen: 0.247 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029367.D

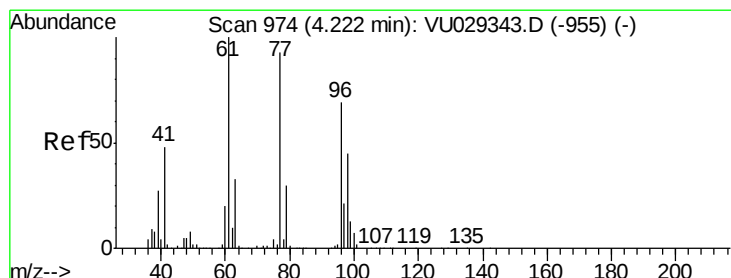
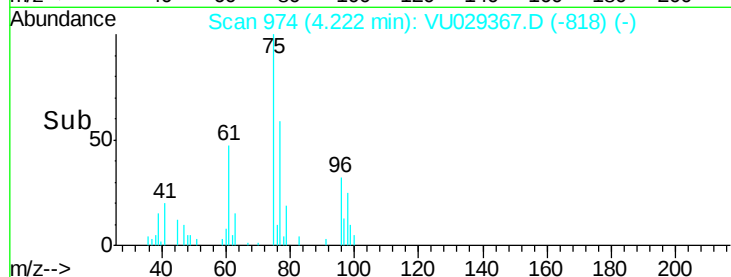
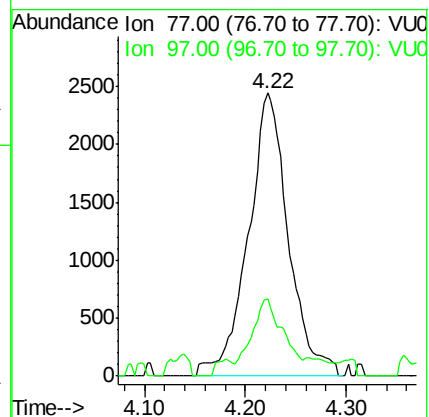
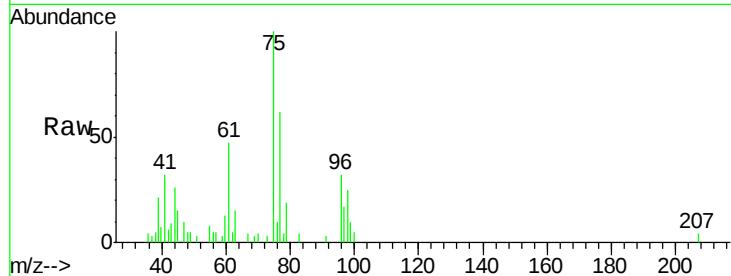
Acq: 07 Feb 2019 12:22

Tot Ion: 77 Resp: 6735

Ion Ratio Lower Upper

77 100

97 15.7 15.6 23.4



#22

cis-1,2-Dichloroethene

Concen: 0.210 ug/l

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

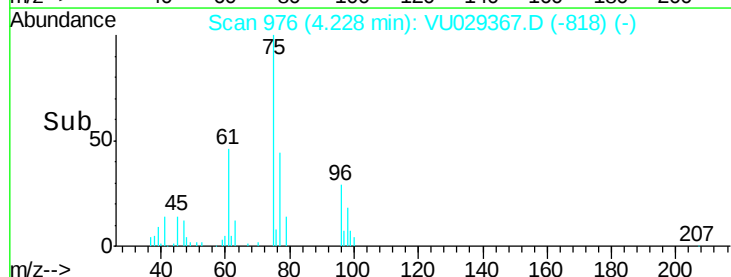
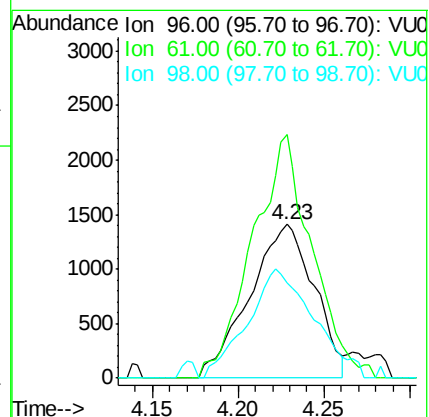
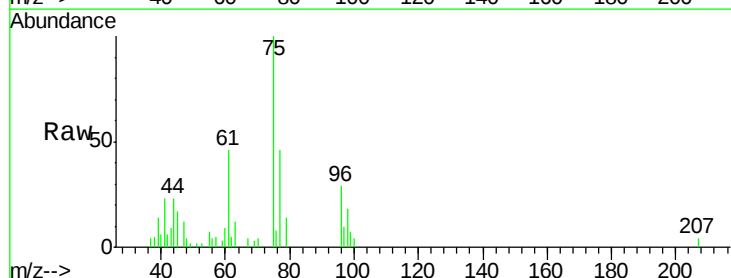
Tgt Ion: 96 Resp: 3680

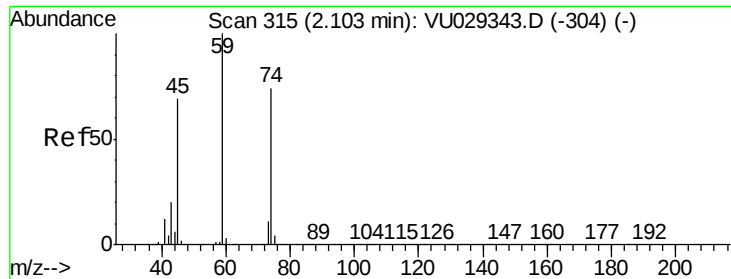
Ion Ratio Lower Upper

96 100

61 145.6 0.0 460.0

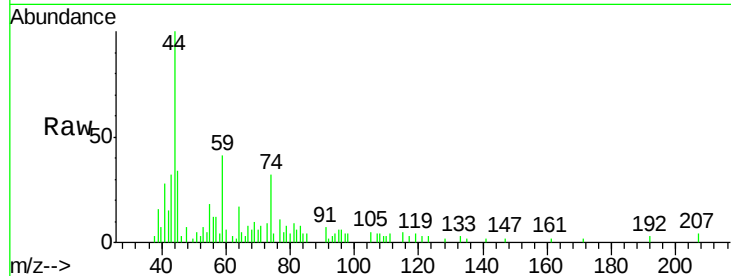
98 72.8 32.6 97.7



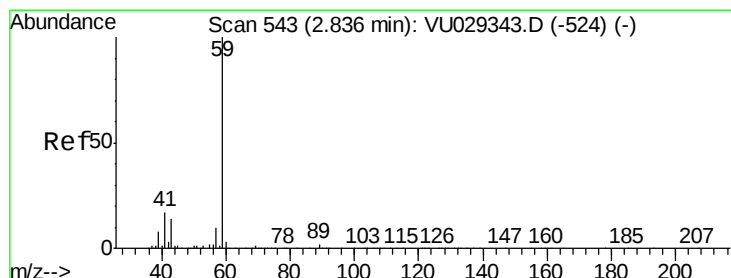
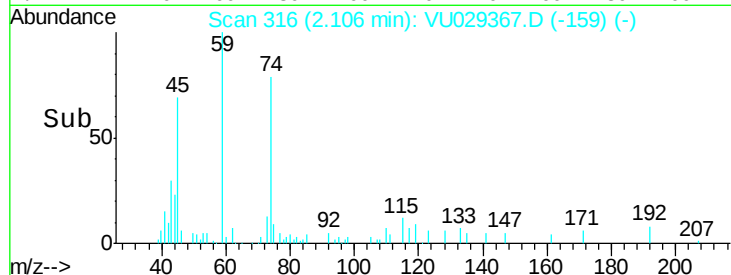
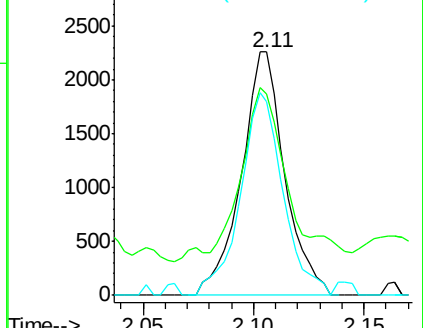


#23
Diethyl Ether
Concen: 0.232 ug/l
RT: 2.11 min Scan# 316
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tot Ion	Ratio	Lower	Upper
59	100		
45	66.2	64.2	96.4
74	81.5	55.3	82.9

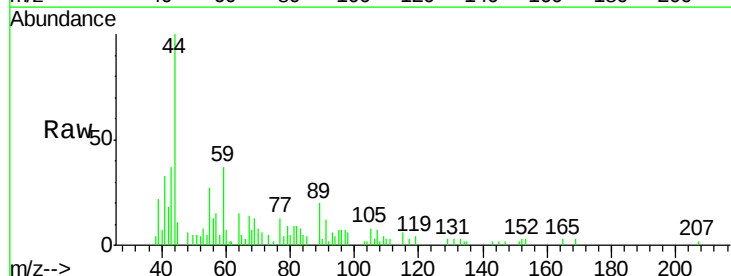


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

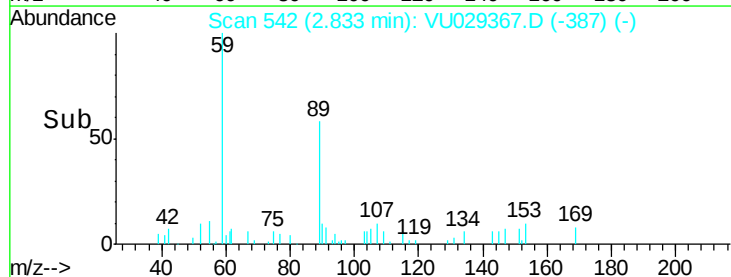
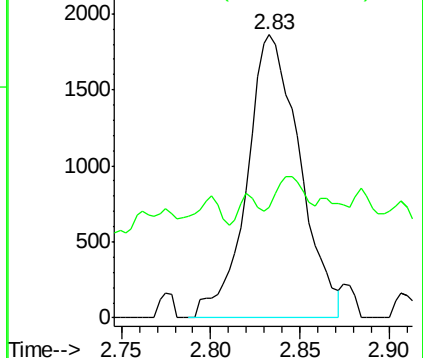


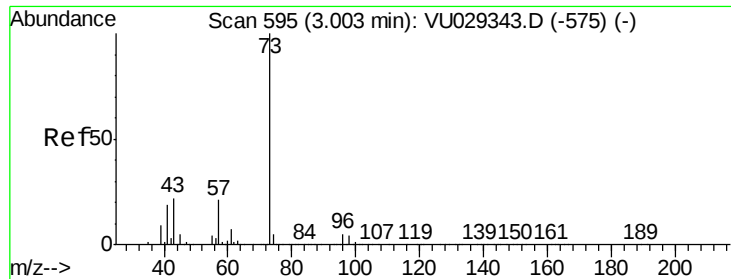
#24
tert-Butyl Alcohol
Concen: 2.773 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.8	13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

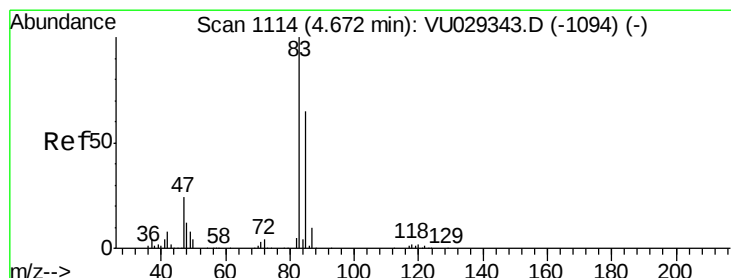
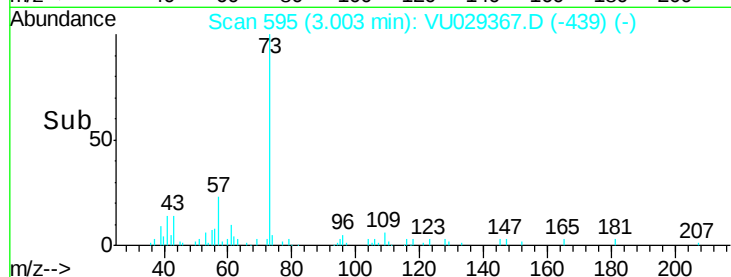
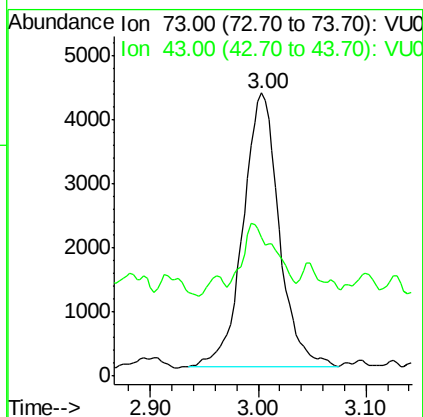
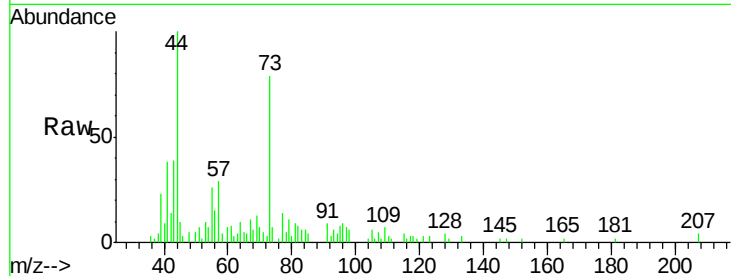




#25

Methyl tert-Butyl Ether
 Concen: 0.214 ug/l
 RT: 3.00 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

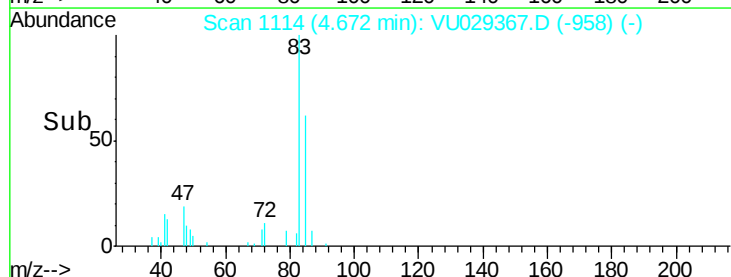
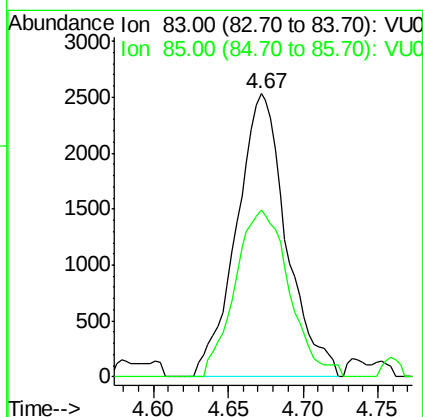
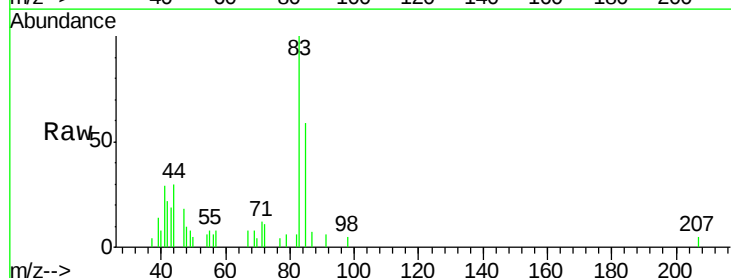
Tot Ion: 73 Resp: 10002
 Ion Ratio Lower Upper
 73 100
 43 19.6 22.1 33.1#

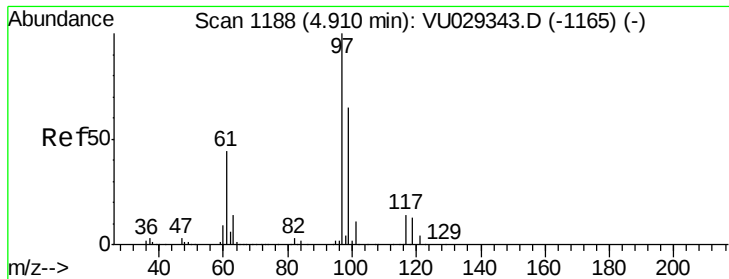


#27

Chloroform
 Concen: 0.205 ug/l
 RT: 4.67 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

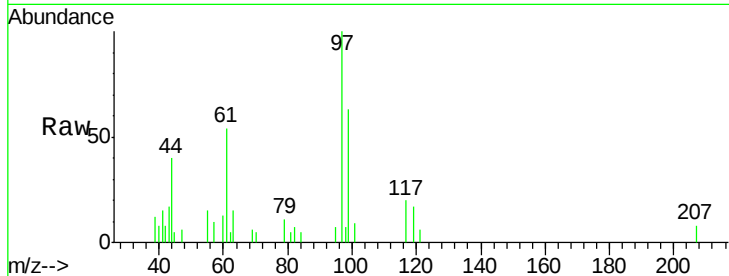
Tgt Ion: 83 Resp: 5876
 Ion Ratio Lower Upper
 83 100
 85 59.0 0.0 126.6



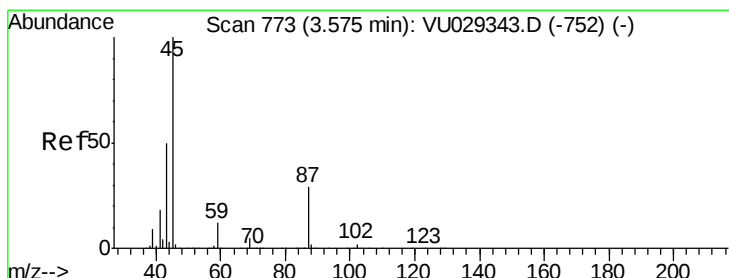
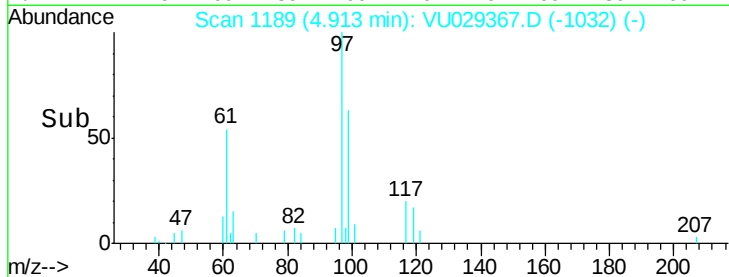
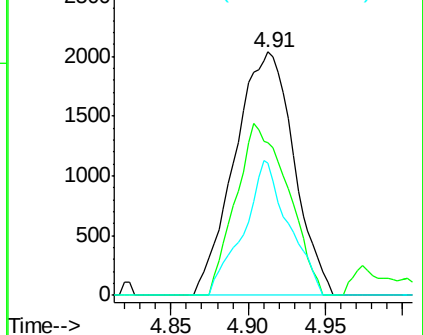


#28
 1,1,1-Trichloroethane
 Concen: 0.204 ug/l
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tot Ion	97	Resp	5413
Ion	Ratio	Lower	Upper
97	100		
99	62.7	32.4	97.2
61	42.4	24.4	73.2

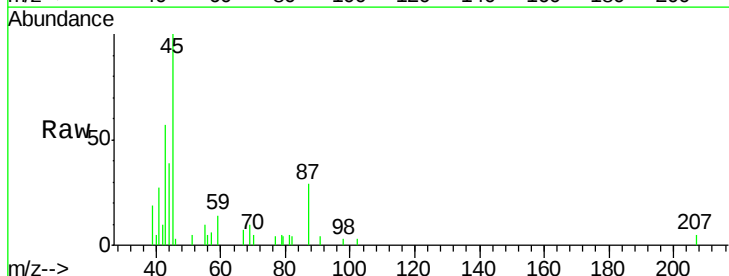


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0

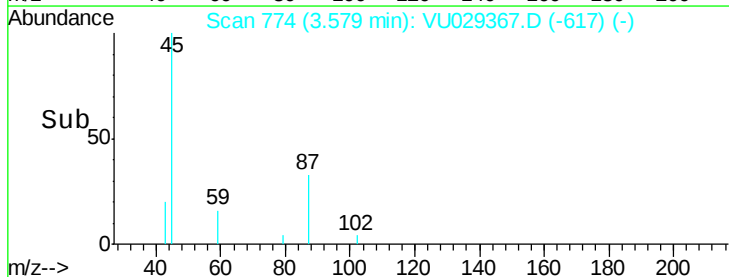
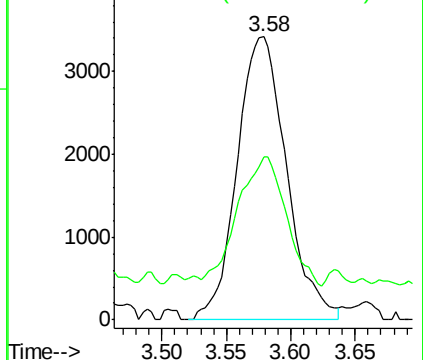


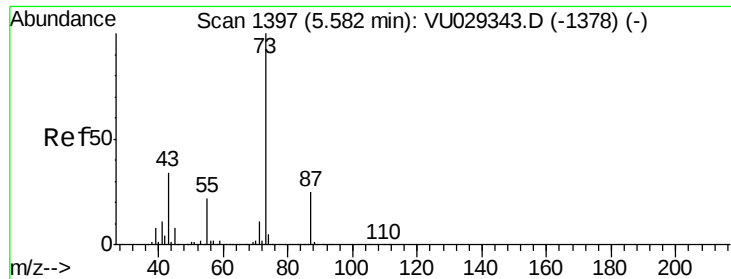
#31
 Isopropyl Ether
 Concen: 0.205 ug/l
 RT: 3.58 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	45	Resp	9114
Ion	Ratio	Lower	Upper
45	100		
43	45.2	28.4	85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0

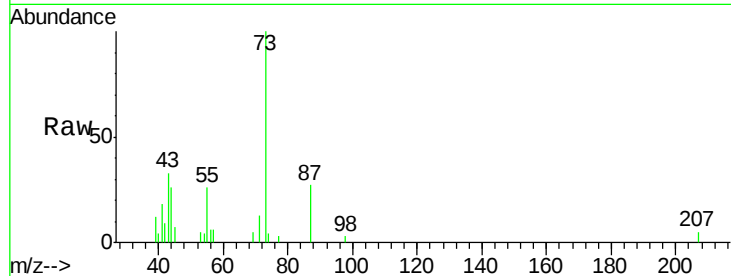




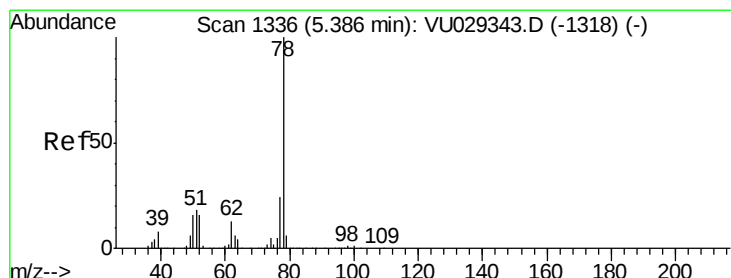
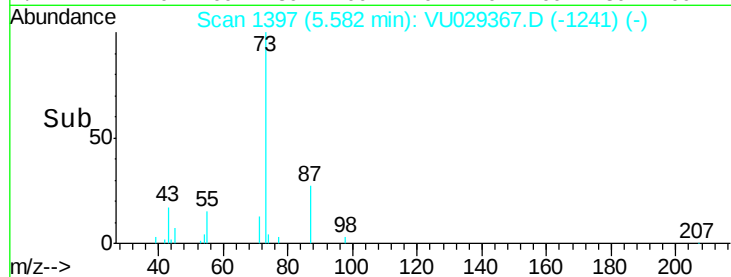
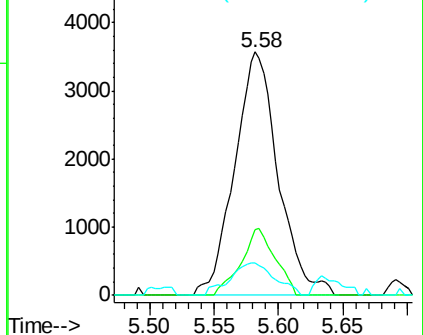
#33

Tert-Amvl methvl ether
 Concen: 0.209 ug/l
 RT: 5.58 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tot Ion	Ratio	Lower	Upper
73	100		
87	21.5	19.4	29.0
71	13.8	9.0	13.4



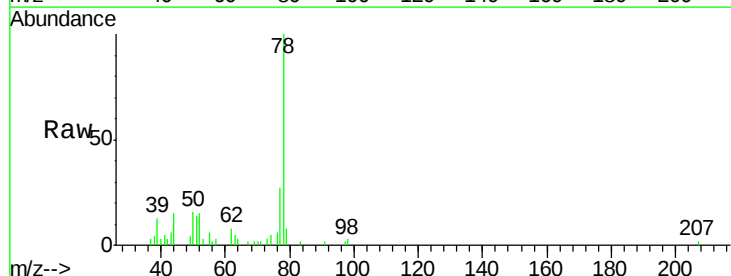
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



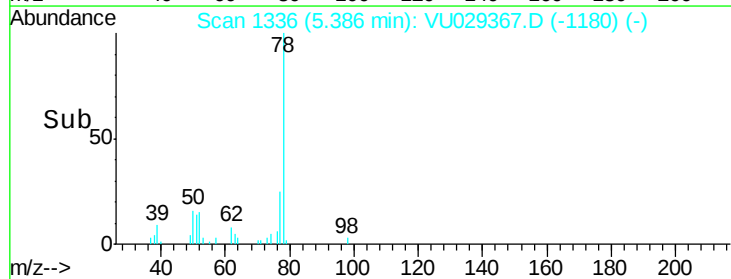
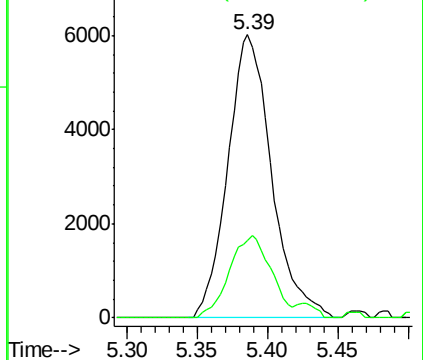
#35

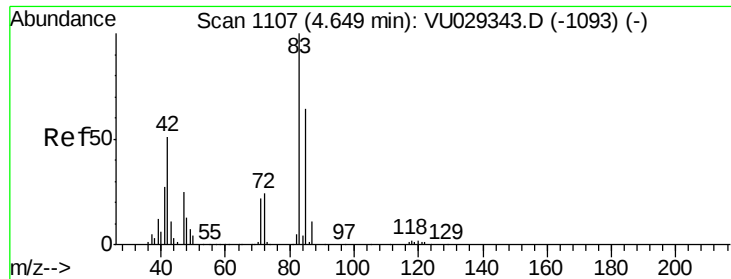
Benzene
 Concen: 0.205 ug/l
 RT: 5.39 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.5	19.8	29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#41

Tetrahydrofuran

Concen: 0.531 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

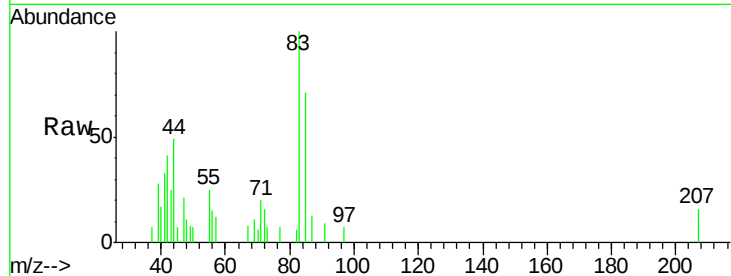
Tot Ion: 42 Resp: 1444

Ion Ratio Lower Upper

42 100

72 25.8 33.1 49.7#

71 27.1 30.2 45.2#

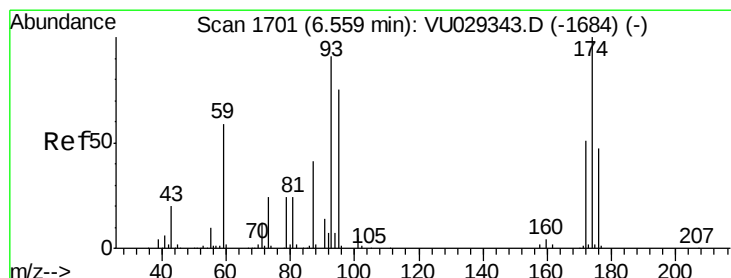
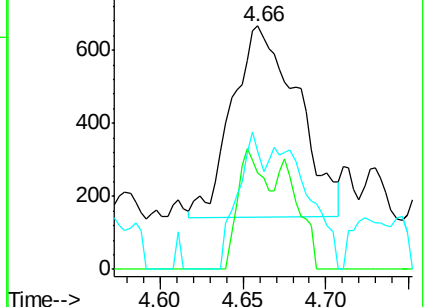
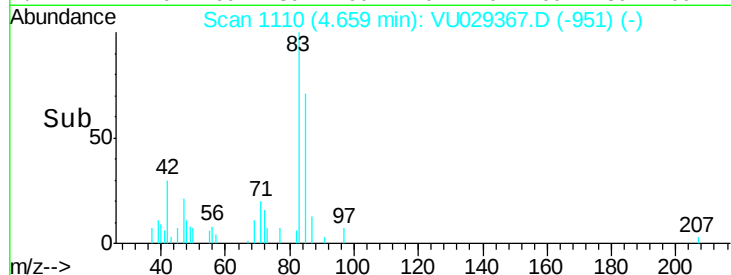


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

Time-->



#43

Dibromomethane

Concen: 0.206 ug/l

RT: 6.56 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

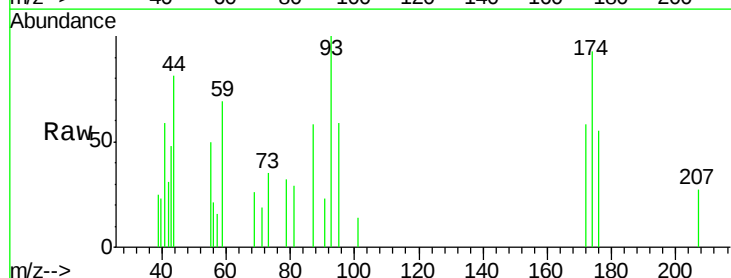
Tgt Ion: 93 Resp: 1818

Ion Ratio Lower Upper

93 100

95 36.5 68.2 102.2#

174 100.2 77.6 116.4

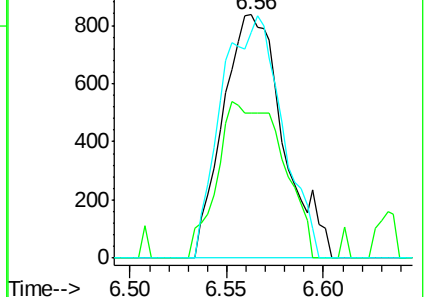
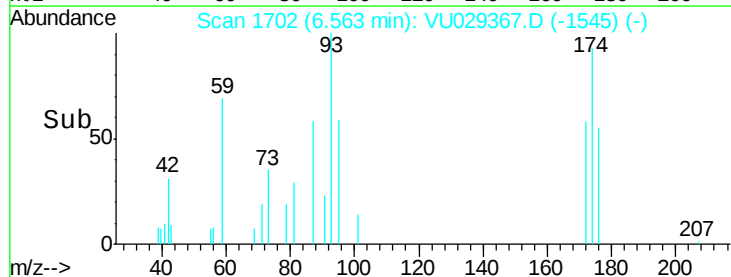


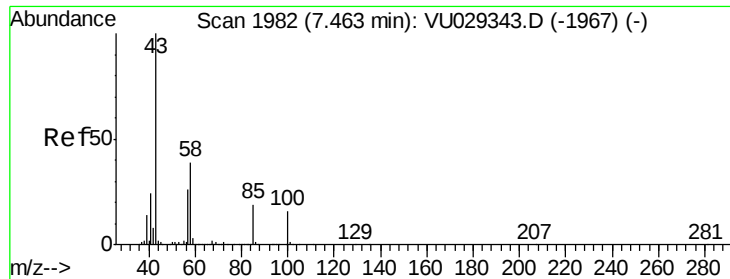
Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

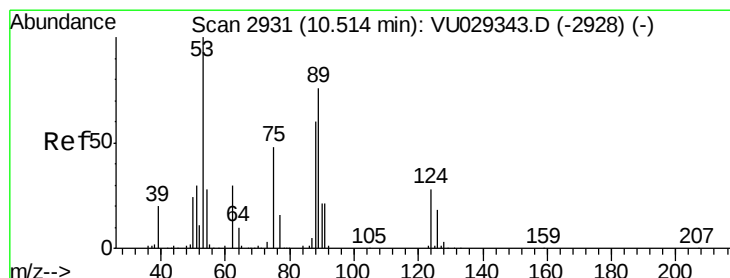
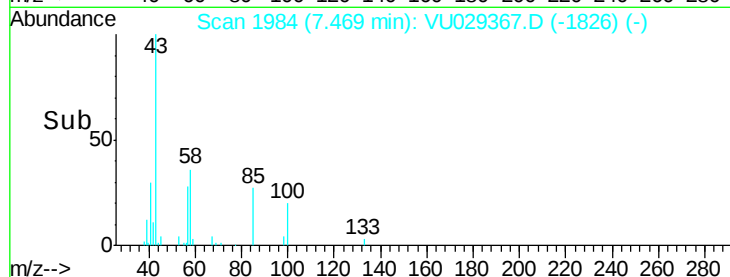
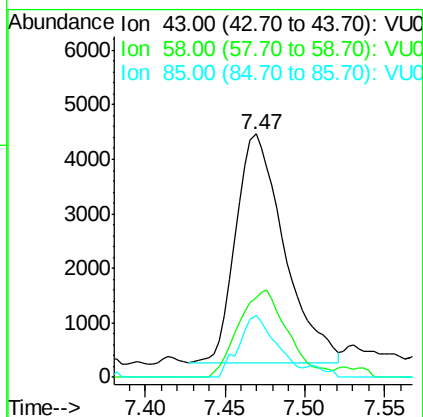
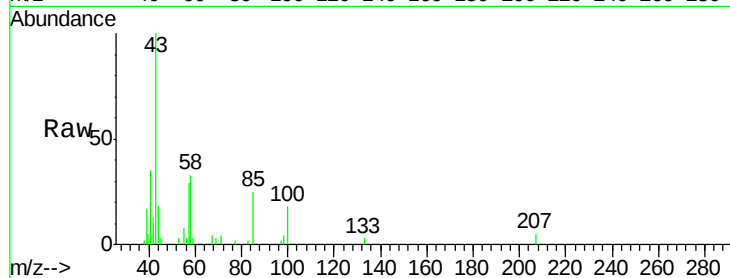
Time-->





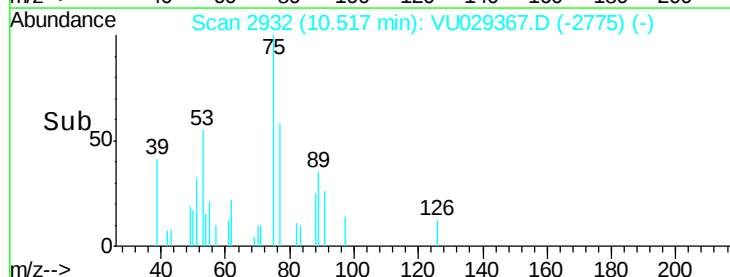
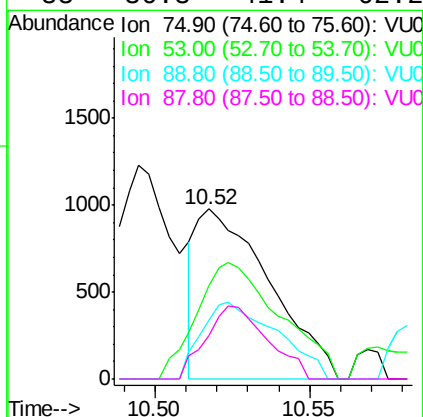
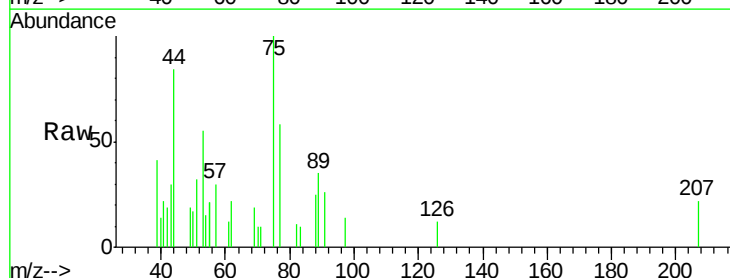
#45
4-Methyl-2-Pentanone
Concen: 0.838 ug/l
RT: 7.47 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

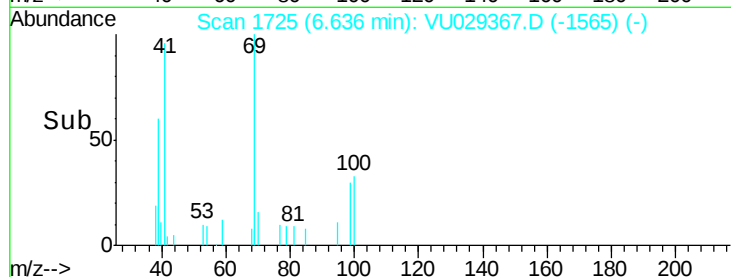
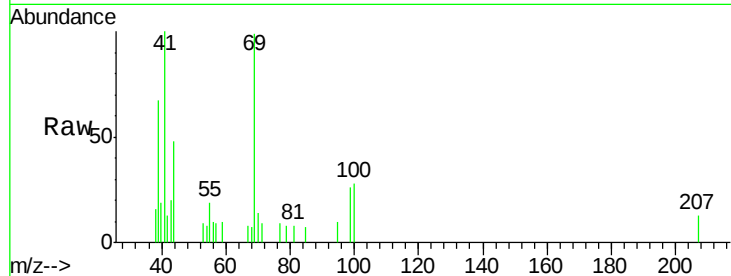
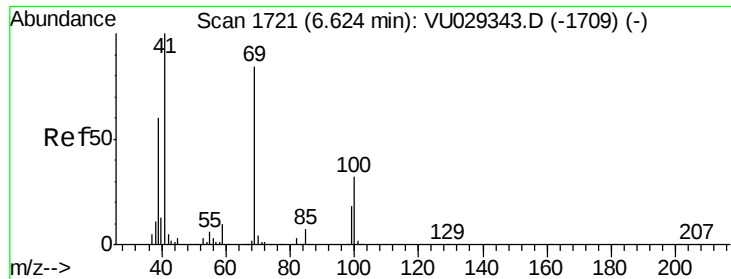
Tot Ion: 43 Resp: 8668
Ion Ratio Lower Upper
43 100
58 38.9 17.6 52.8
85 21.0 12.3 18.5#



#46
t-1,4-Dichloro-2-butene
Concen: 0.317 ug/l
RT: 10.52 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

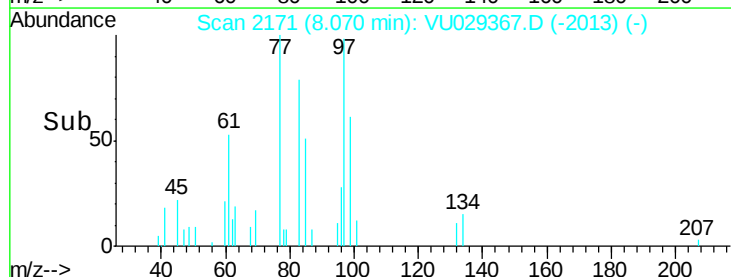
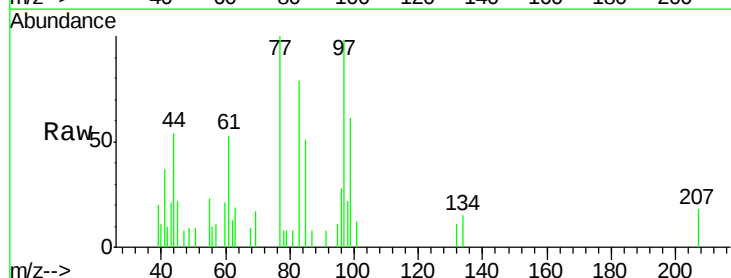
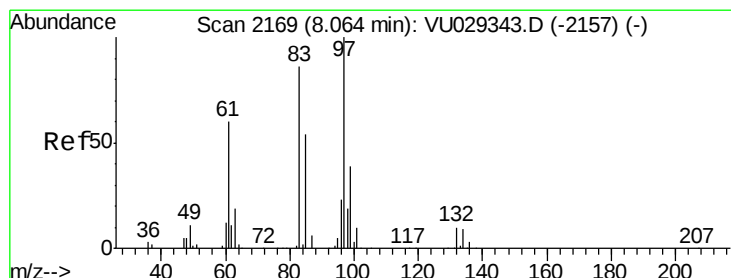
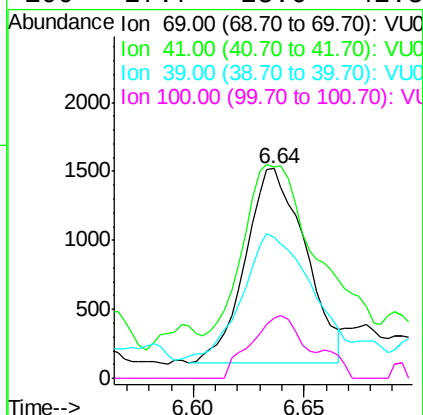
Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
53 78.4 78.2 117.4
89 47.1 44.2 66.4
88 36.3 41.4 62.2#





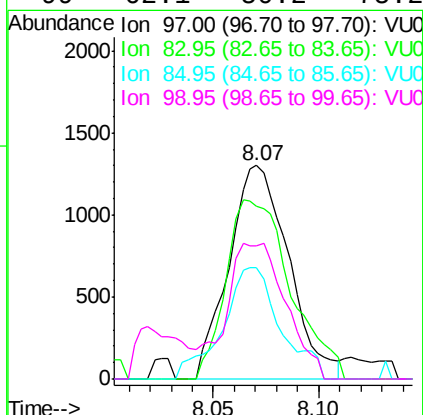
#47
Methvl methacrvlate
Concen: 0.341 ug/l
RT: 6.64 min Scan# 1725
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

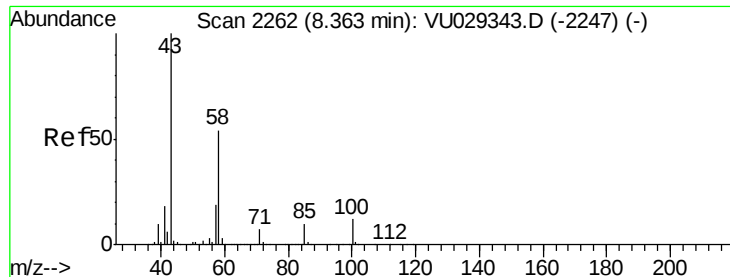
Tot Ion: 69 Resp: 2651
Ion Ratio Lower Upper
69 100
41 112.0 0.0 296.2
39 75.3 71.2 106.8
100 27.7 28.6 42.8#



#52
1,1,2-Trichloroethane
Concen: 0.219 ug/l
RT: 8.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion: 97 Resp: 2560
Ion Ratio Lower Upper
97 100
83 80.9 69.9 104.9
85 52.2 45.8 68.6
99 62.1 50.2 75.2





#54

2-Hexanone

Concen: 0.824 ug/l

RT: 8.38 min Scan# 2266

Delta R.T. 0.01 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

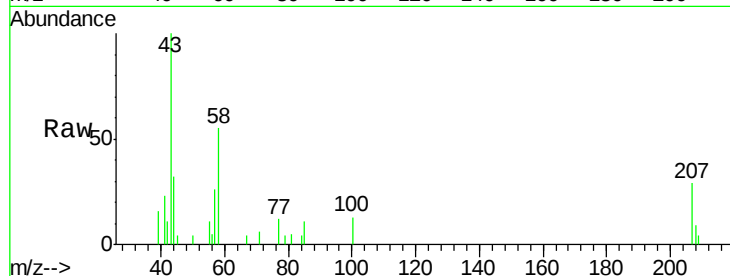
Tot Ion: 43 Resp: 5974

Ion Ratio Lower Upper

43 100

58 53.8 26.0 66.0

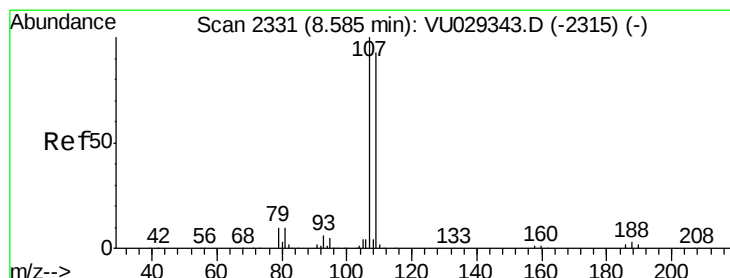
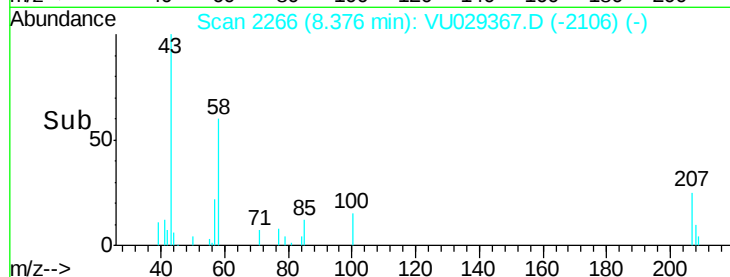
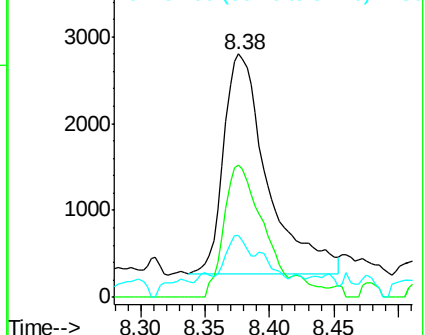
57 9.3 0.0 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU029367.D (-2106) (-)

Ion 58.00 (57.70 to 58.70): VU029367.D (-2106) (-)

Ion 57.00 (56.70 to 57.70): VU029367.D (-2106) (-)



#56

1,2-Dibromoethane

Concen: 0.209 ug/l

RT: 8.59 min Scan# 2334

Delta R.T. 0.01 min

Lab File: VU029367.D

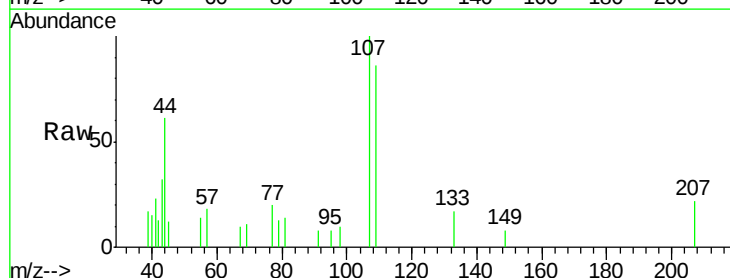
Acq: 07 Feb 2019 12:22

Tgt Ion: 107 Resp: 2508

Ion Ratio Lower Upper

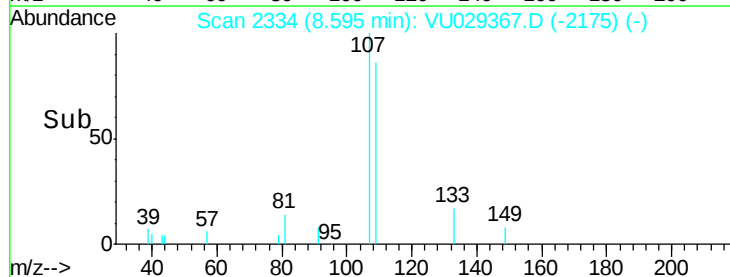
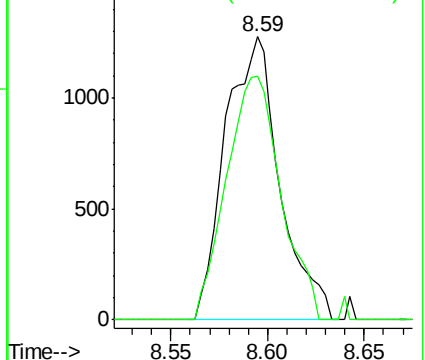
107 100

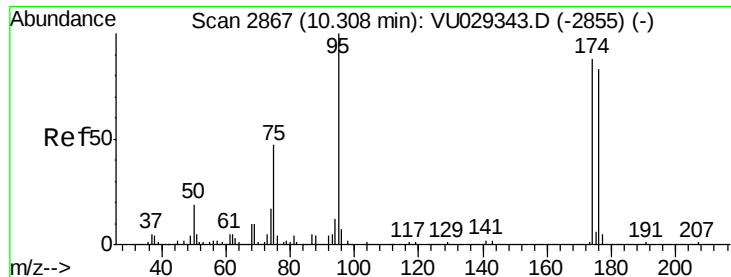
109 86.0 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): VU029367.D (-2175) (-)

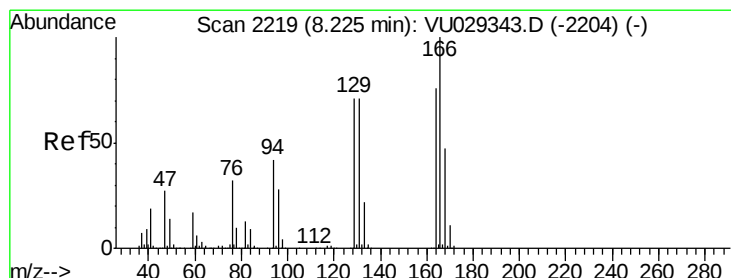
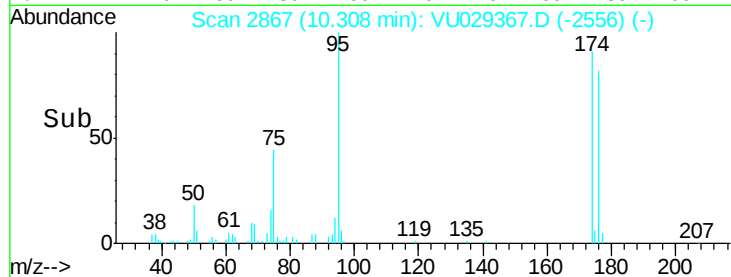
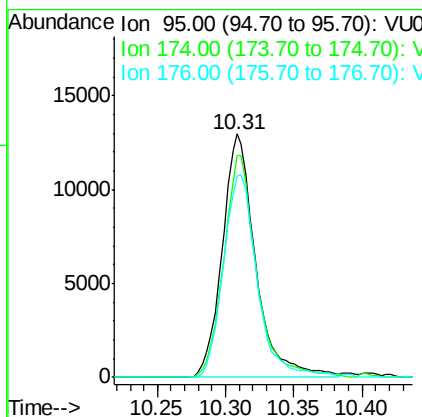
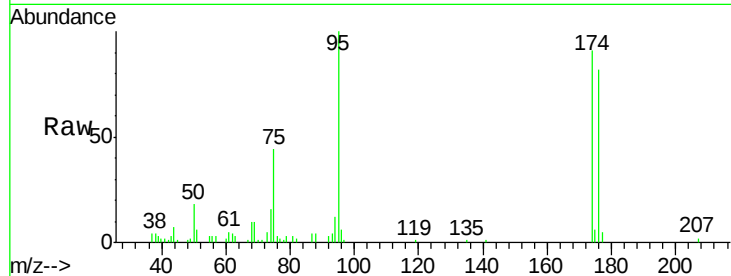
Ion 109.00 (108.70 to 109.70): VU029367.D (-2175) (-)





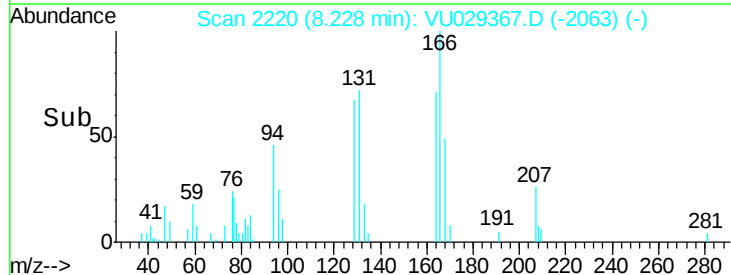
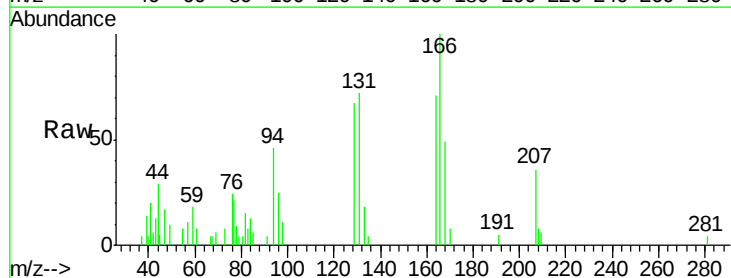
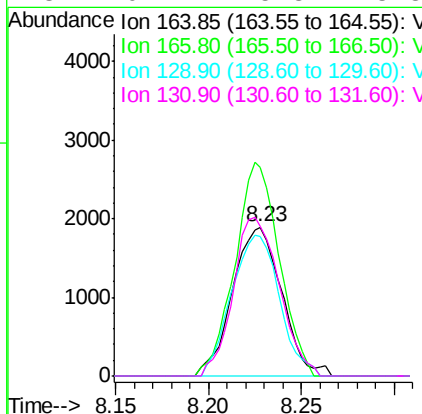
#57
4-Bromofluorobenzene
Concen: 0.209 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

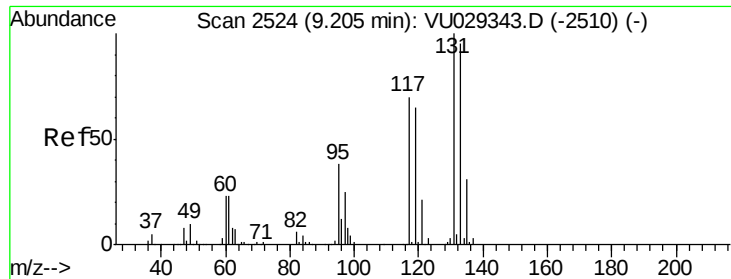
Tot Ion	95	Resp	22078
Ion Ratio	100		
Lower			
Upper			
95	100		
174	89.5	64.2	96.2
176	84.7	62.3	93.5



#58
Tetrachloroethene
Concen: 0.206 ug/l
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion	164	Resp	3496
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
166	140.1	106.6	159.8
129	93.5	79.9	119.9
131	101.1	75.8	113.8





#60

1,1,1,2-Tetrachloroethane

Concen: 0.206 ug/l

RT: 9.21 min Scan# 2525

Delta R.T. 0.00 min

Lab File: VU029367.D

Acq: 07 Feb 2019 12:22

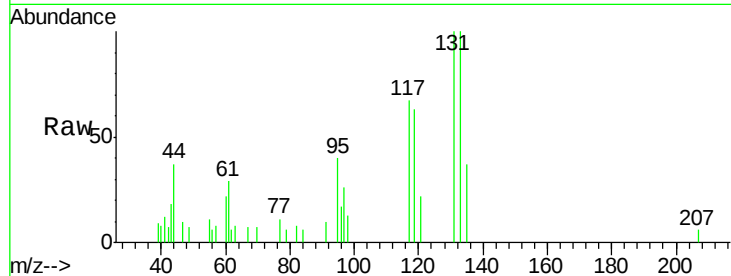
Tot Ion:131 Resp: 3487

Ion Ratio Lower Upper

131 100

133 97.9 77.3 115.9

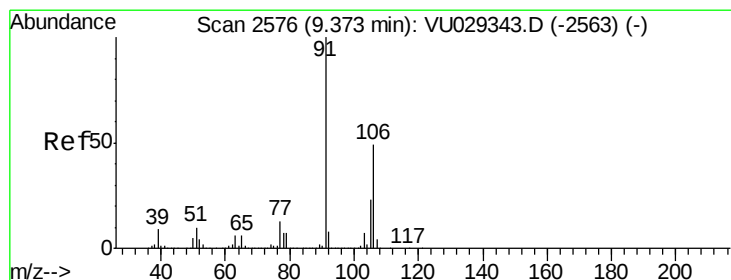
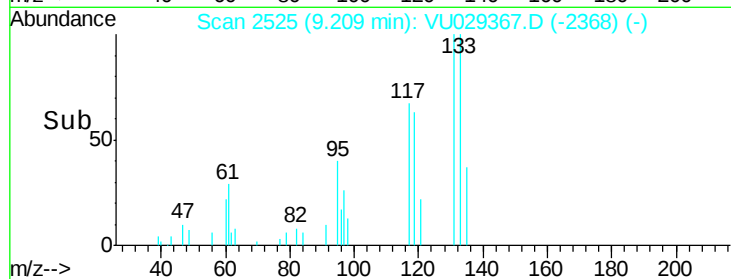
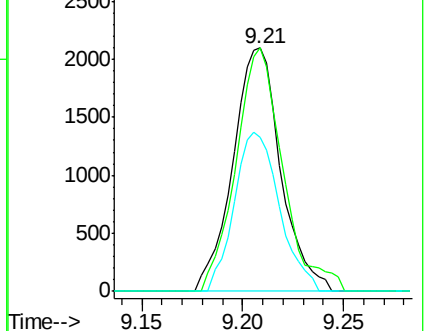
119 61.6 48.9 73.3



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



#64

m/p-Xylenes

Concen: 0.392 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029367.D

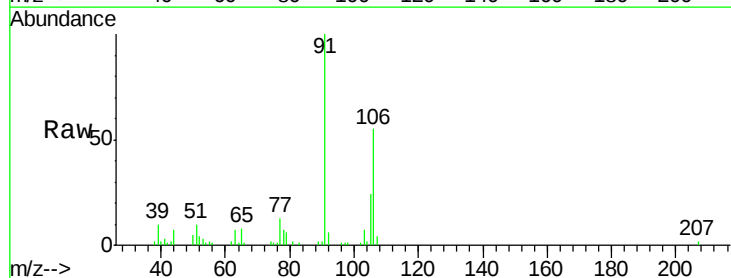
Acq: 07 Feb 2019 12:22

Tgt Ion:106 Resp: 12146

Ion Ratio Lower Upper

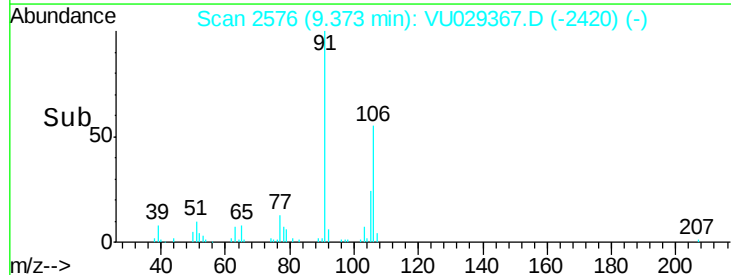
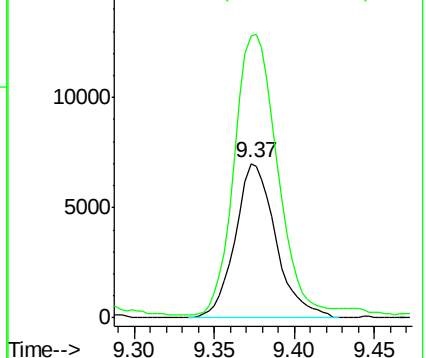
106 100

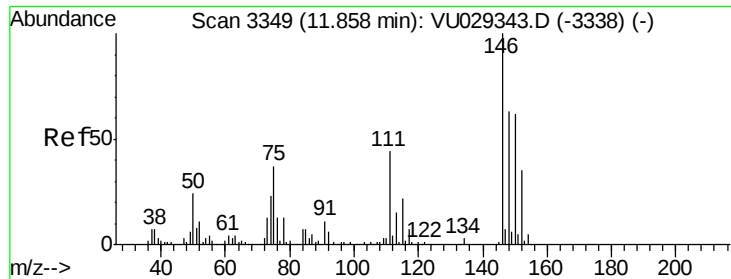
91 191.1 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

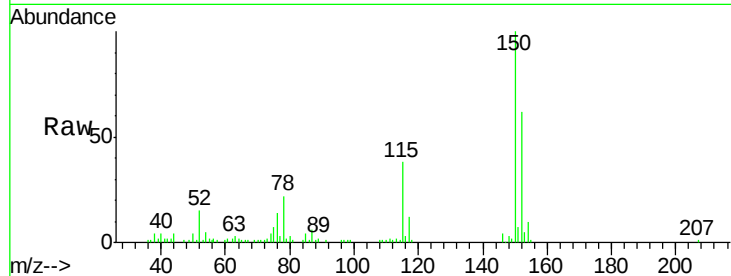




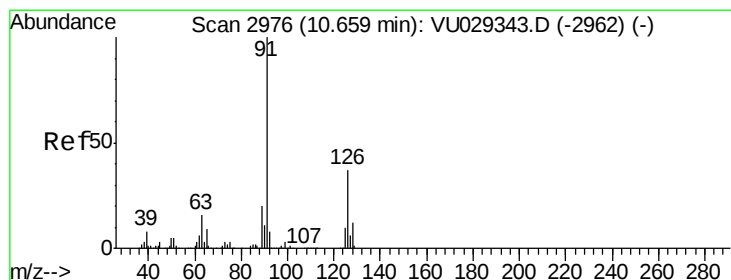
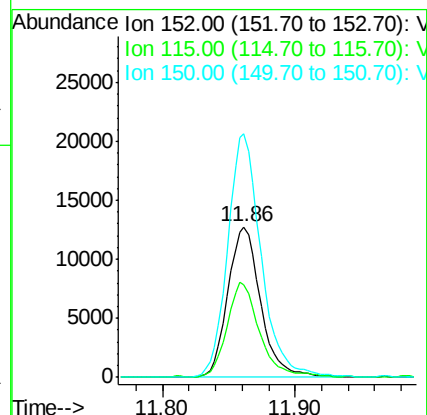
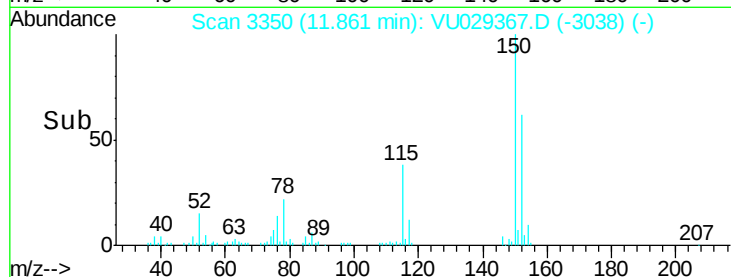
#68

1,2-Dichlorobenzene-d4
Concen: Below ug/l
RT: 11.86 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.6	0.0	133.4
150	164.5	0.0	670.8



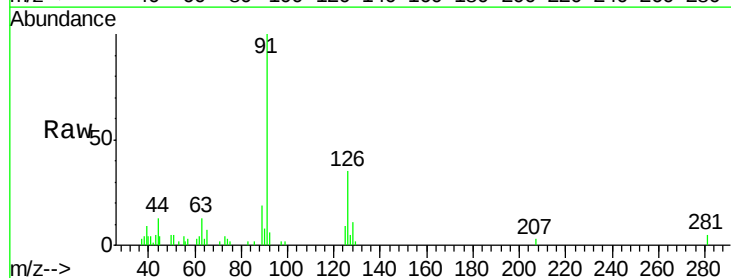
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



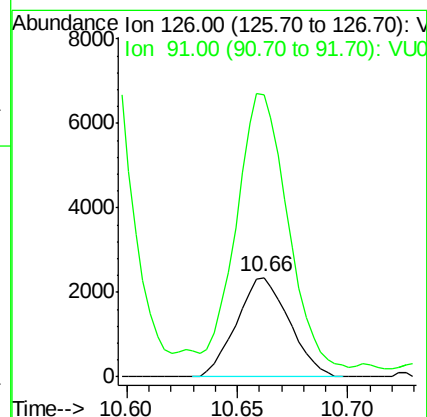
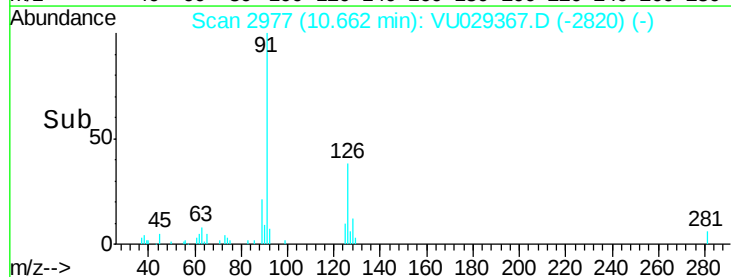
#74

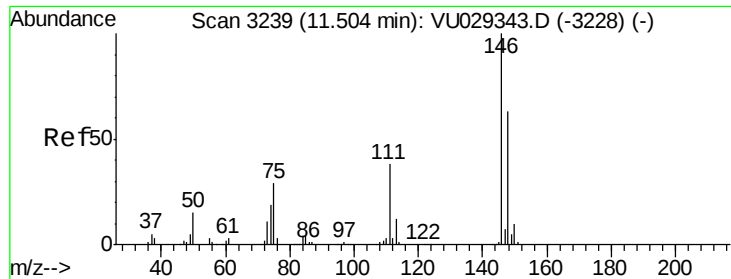
2-Chlorotoluene
Concen: 0.203 ug/l
RT: 10.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: VU029367.D
Acq: 07 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
126	100		
91	269.6	0.0	643.0



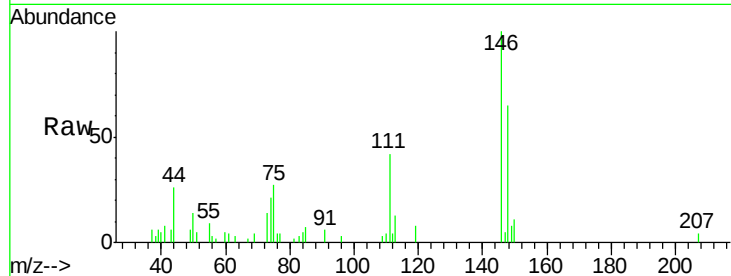
Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): V



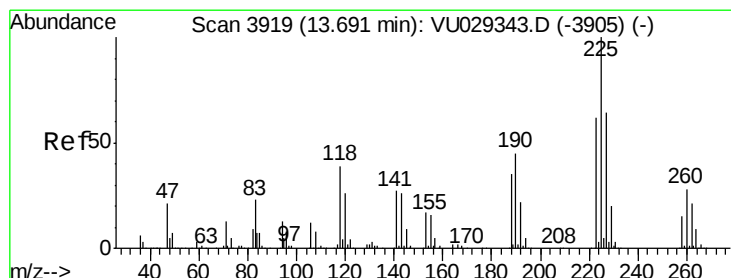
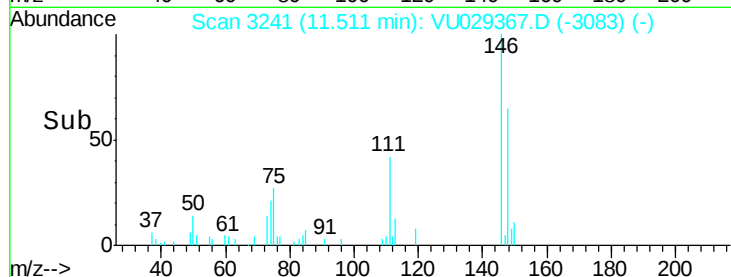
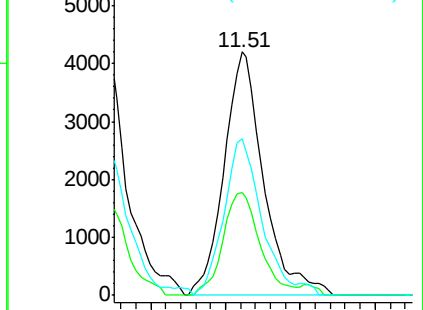


#83
 1,4-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 11.51 min Scan# 3241
 Delta R.T. 0.01 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tot Ion:146 Resp: 7720
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.9 49.3
 148 62.1 51.8 77.6

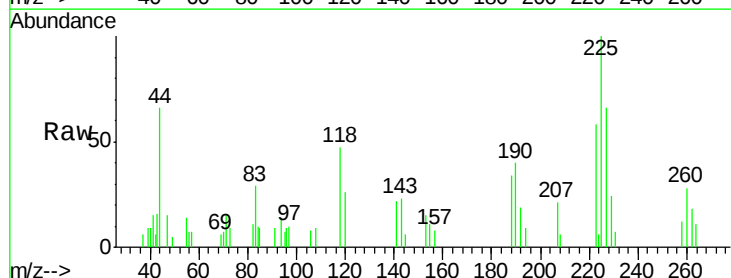


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#88
 Hexachlorobutadiene
 Concen: 0.207 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029367.D
 Acq: 07 Feb 2019 12:22

Tgt Ion:225 Resp: 3081
 Ion Ratio Lower Upper
 225 100
 223 53.4 49.5 74.3
 227 58.9 50.4 75.6



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

