

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029368.D
 Acq On : 07 Feb 2019 13:17
 Operator : JC/SP
 Sample : VU0207WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 08 13:05:17 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)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	58838	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	22644	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24323	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	40460	1.843	ug/l	99
3) Chloromethane	1.33	50	34982	1.743	ug/l	99
4) Vinyl Chloride	1.40	62	42478	1.806	ug/l	100
5) Bromomethane	1.63	94	28660	2.190	ug/l	96
6) Chloroethane	1.70	64	25867	1.882	ug/l	98
7) Trichlorofluoromethane	1.88	101	64263	1.956	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34261	1.975	ug/l	89
9) 1,1-Dichloroethene	2.28	96	32150	1.894	ug/l	74
10) Iodomethane	2.41	142	39419	1.805	ug/l #	79
11) Allyl Chloride	2.59	41	50052	1.758	ug/l	93
12) Acrylonitrile	2.94	53	14715	3.868	ug/l	92
13) Acetone	2.32	43	34392	9.380	ug/l #	83
14) Carbon Disulfide	2.48	76	114389	1.909	ug/l	99
15) Methylene Chloride	2.70	84	41298	2.007	ug/l #	76
16) trans-1,2-Dichloroethene	2.98	96	37451	1.973	ug/l #	80
17) 1,1-Dichloroethane	3.44	63	66786	2.220	ug/l	99
18) 2-Butanone	4.28	43	34341	8.380	ug/l	97
19) Cyclohexane	4.99	56	47152m	1.691	ug/l	
20) Methylcyclohexane	6.41	83	56438	1.927	ug/l #	83
21) 2,2-Dichloropropane	4.22	77	54231	1.948	ug/l #	91
22) cis-1,2-Dichloroethene	4.22	96	35093	1.963	ug/l	77
23) Diethyl Ether	2.10	59	26181	1.921	ug/l	88
24) tert-Butyl Alcohol	2.83	59	27877	19.681	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	91780	1.920	ug/l #	84
26) Bromochloromethane	4.54	128	16177	2.048	ug/l	69
27) Chloroform	4.67	83	56733	1.940	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	52026	1.919	ug/l	96
29) 1,1-Dichloropropene	5.13	75	42648	1.812	ug/l	88
30) Carbon Tetrachloride	5.13	117	48026	1.957	ug/l	99
31) Isopropyl Ether	3.58	45	83152	1.832	ug/l	90
32) Ethyl-t-butyl ether	4.07	59	82104	1.805	ug/l	88
33) Tert-Amyl methyl ether	5.58	73	78427	1.907	ug/l	98
34) Propionitrile	4.33	54	10305	9.567	ug/l #	91
35) Benzene	5.38	78	123361	1.895	ug/l	99
36) 1,2-Dichloroethane	5.40	62	34313	1.743	ug/l #	84
37) Trichloroethene	6.18	130	37769	2.022	ug/l	83
38) 1,2-Dichloropropane	6.43	63	31135	1.839	ug/l	100
39) Methacrylonitrile	4.55	41	9479	1.718	ug/l #	85
40) Methyl acrylate	4.43	55	15045	1.807	ug/l #	92
41) Tetrahydrofuran	4.65	42	9410	3.387	ug/l #	76
42) 1-Chlorobutane	5.06	56	56691	1.798	ug/l	88

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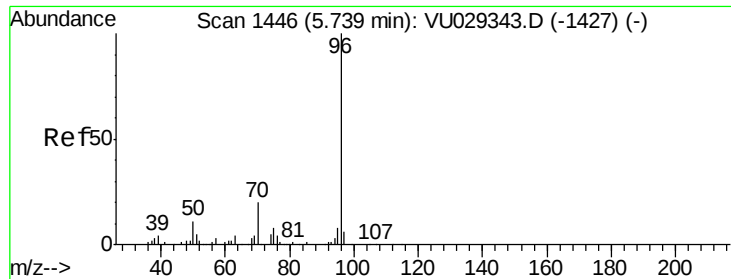
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	16888	1.872	ug/l	92
44) Bromodichloromethane	6.76	83	43336	1.885	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	90381	8.545	ug/l #	89
46) t-1,4-Dichloro-2-butene	10.52	75	17509m	3.398	ug/l	
47) Methyl methacrylate	6.63	69	29937	3.771	ug/l #	74
48) Ethyl methacrylate	8.02	69	30785	1.808	ug/l	80
49) Toluene	7.63	92	79241	1.903	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	41399	1.837	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	49214	1.838	ug/l #	86
52) 1,1,2-Trichloroethane	8.07	97	22263	1.864	ug/l	98
53) 1,3-Dichloropropane	8.24	76	40483	1.929	ug/l	100
54) 2-Hexanone	8.37	43	63288	8.536	ug/l	86
55) Dibromochloromethane	8.48	129	32543	1.917	ug/l	99
56) 1,2-Dibromoethane	8.59	107	23580	1.924	ug/l	98
58) Tetrachloroethene	8.22	164	35475	2.041	ug/l	96
59) Chlorobenzene	9.12	112	92890	1.980	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	34869	2.011	ug/l	98
61) Pentachloroethane	11.10	117	25952	1.931	ug/l	88
62) Hexachloroethane	12.14	117	27655	1.886	ug/l	96
63) Ethyl Benzene	9.25	91	155972	1.914	ug/l	94
64) m/p-Xylenes	9.37	106	124453	3.930	ug/l	85
65) o-Xylene	9.78	106	59055	1.900	ug/l	90
66) Styrene	9.79	104	99830	1.927	ug/l	93
67) Bromoform	9.96	173	20305	1.922	ug/l	100
69) Isopropylbenzene	10.16	105	161142	1.941	ug/l	95
70) 1,1,2,2-Tetrachloroethane	10.46	83	29366	1.918	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	21611m	2.055	ug/l	
72) Bromobenzene	10.45	156	40078	1.991	ug/l	85
73) n-propylbenzene	10.58	120	45061	1.948	ug/l	80
74) 2-Chlorotoluene	10.66	126	39229	1.992	ug/l	79
75) 1,3,5-Trimethylbenzene	10.77	105	136261	1.903	ug/l	95
76) 4-Chlorotoluene	10.77	126	38665	1.892	ug/l	79
77) tert-Butylbenzene	11.10	119	137985	1.950	ug/l	91
78) 1,2,4-Trimethylbenzene	11.15	105	136827	1.888	ug/l	93
79) sec-Butylbenzene	11.32	105	175817	1.899	ug/l	95
80) Nitrobenzene	12.87	77	3340	4.896	ug/l	84
81) p-Isopropyltoluene	11.47	119	150613	1.919	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	76851	1.946	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	79456	2.020	ug/l	96
84) n-Butylbenzene	11.89	91	132088	1.834	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	72274	1.936	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4790	1.676	ug/l #	64
87) 1,2,4-Trichlorobenzene	13.50	180	51929	1.980	ug/l	98
88) Hexachlorobutadiene	13.69	225	31489	2.073	ug/l	100
89) Naphthalene	13.74	128	80811	1.817	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	47376	1.977	ug/l	96

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

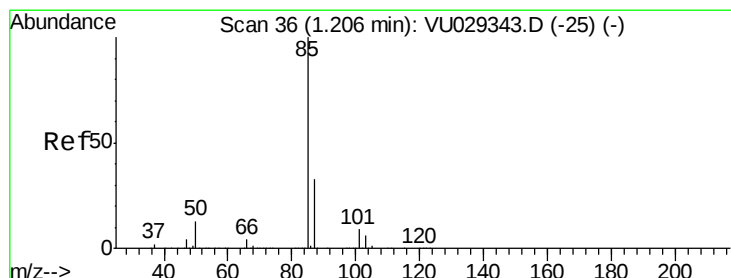
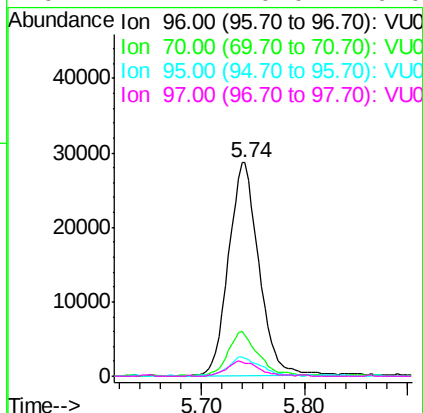
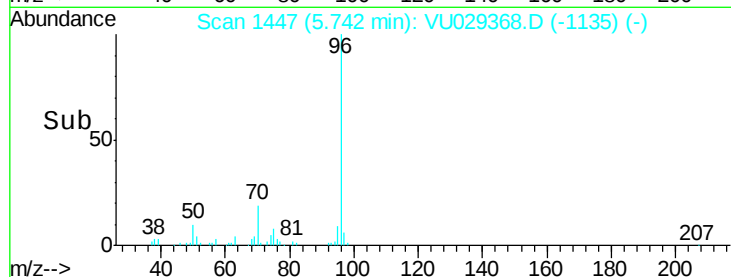
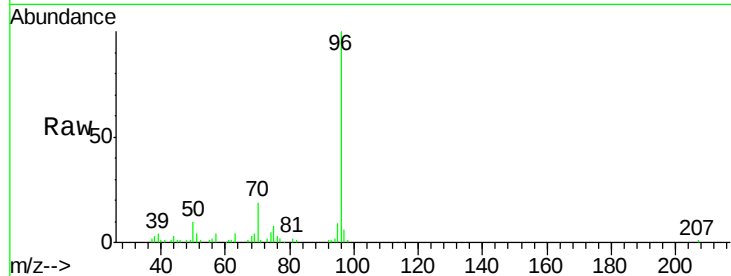
Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tot Ion: 96 Resp: 58838

Ion	Ratio	Lower	Upper
96	100		
70	19.9	16.2	24.2
95	9.8	7.4	11.2
97	7.4	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.843 ug/l

RT: 1.21 min Scan# 36

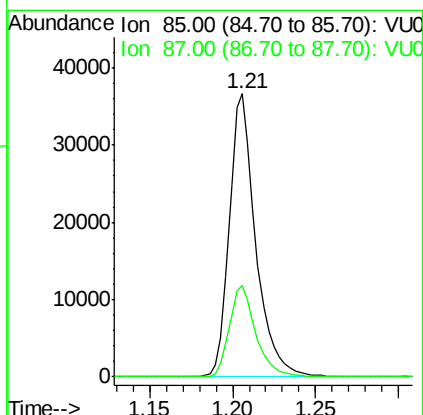
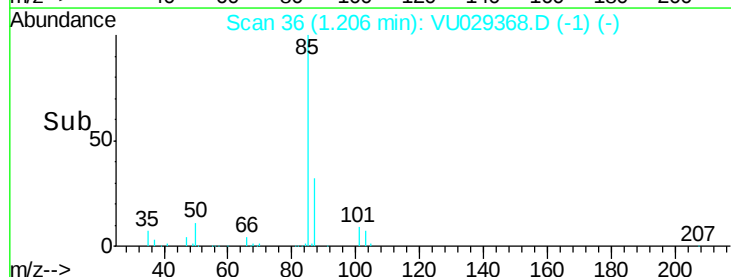
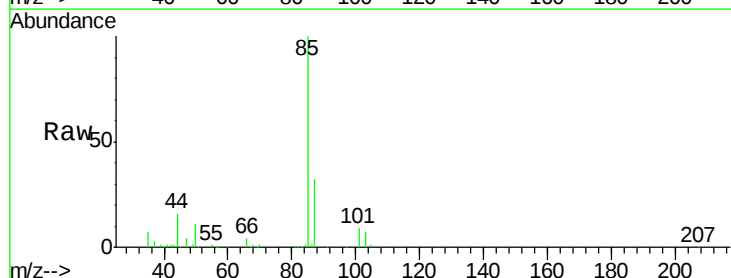
Delta R.T. -0.00 min

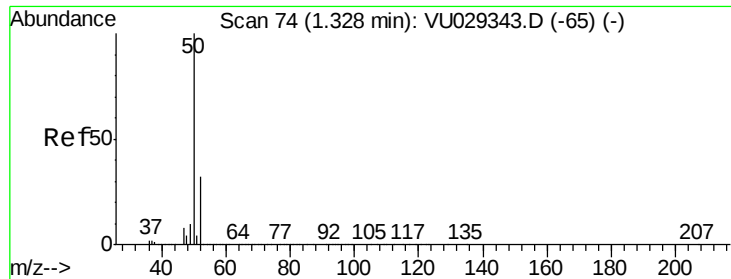
Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion: 85 Resp: 40460

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6





#3

Chloromethane

Concen: 1.743 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029368.D

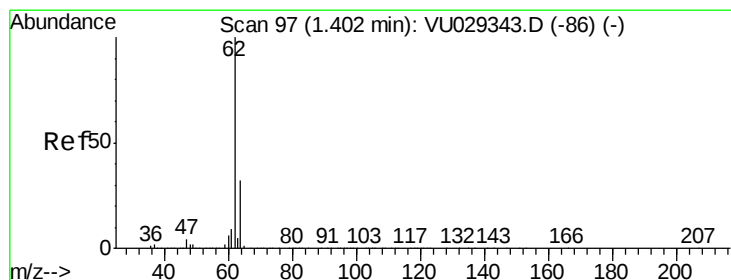
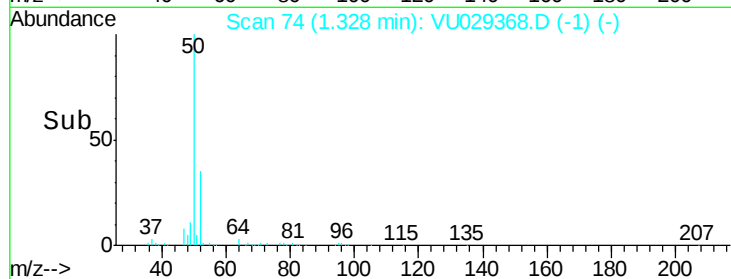
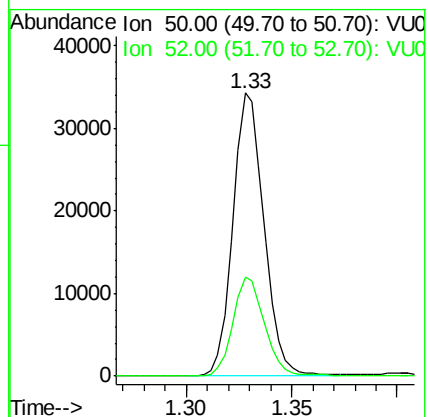
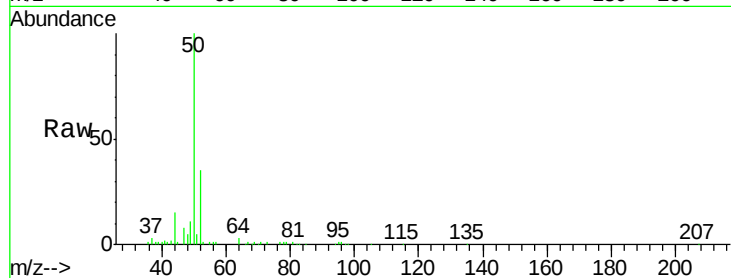
Acq: 07 Feb 2019 13:17

Tot Ion: 50 Resp: 34982

Ion Ratio Lower Upper

50 100

52 34.9 27.3 40.9



#4

Vinyl Chloride

Concen: 1.806 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029368.D

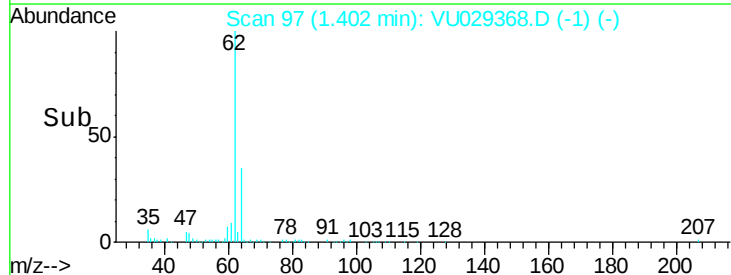
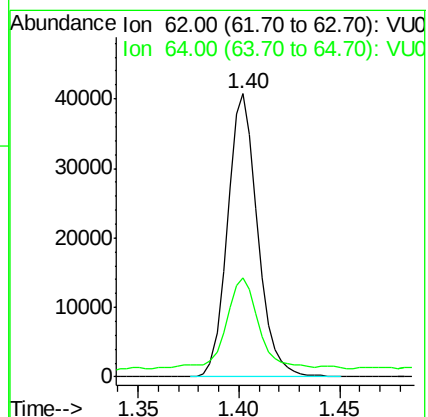
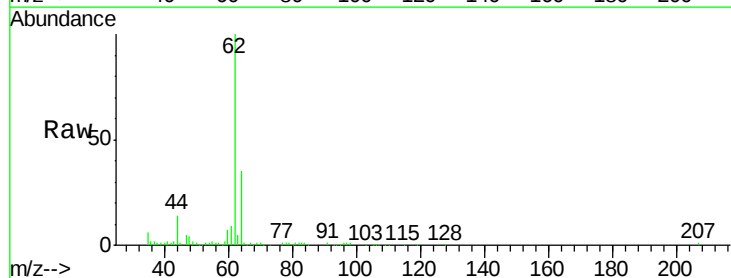
Acq: 07 Feb 2019 13:17

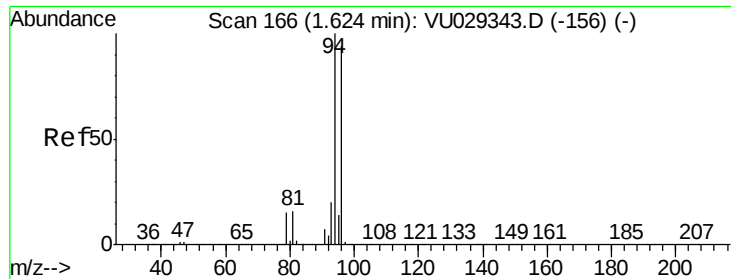
Tgt Ion: 62 Resp: 42478

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 2.190 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029368.D

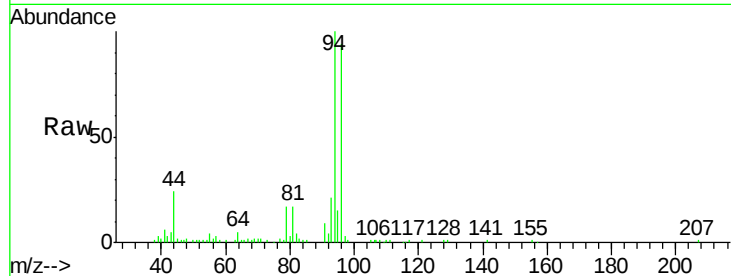
Acq: 07 Feb 2019 13:17

Tot Ion: 94 Resp: 28660

Ion Ratio Lower Upper

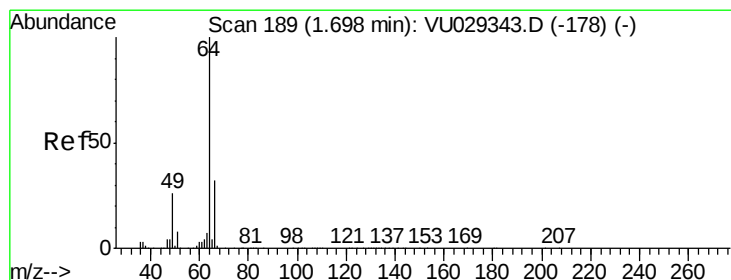
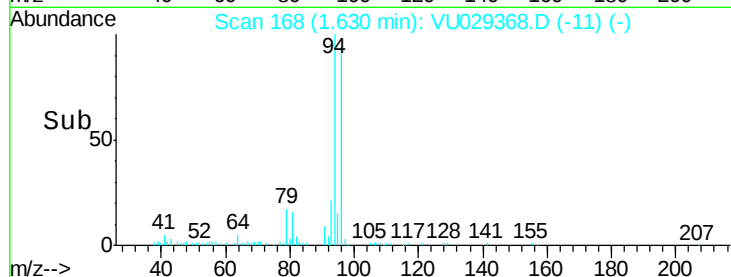
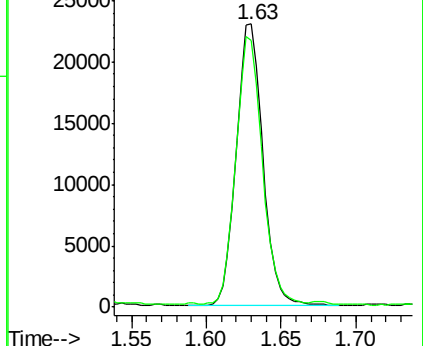
94 100

96 93.6 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: 1.882 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU029368.D

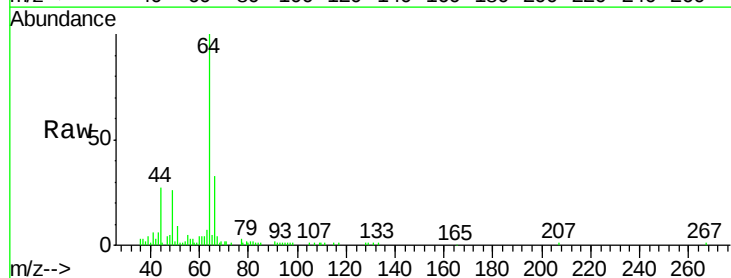
Acq: 07 Feb 2019 13:17

Tgt Ion: 64 Resp: 25867

Ion Ratio Lower Upper

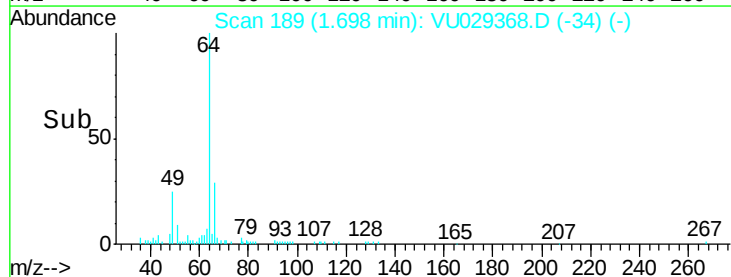
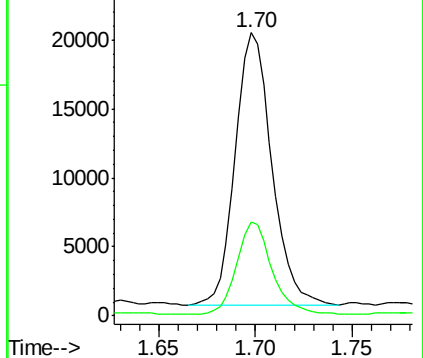
64 100

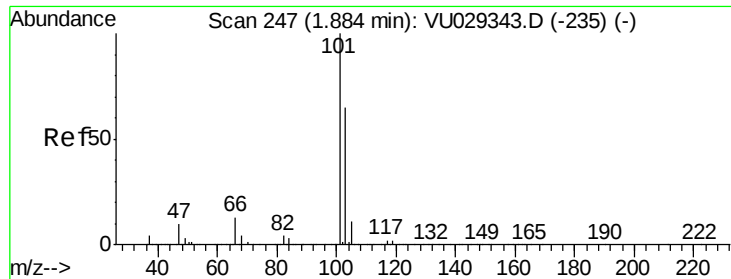
66 34.2 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

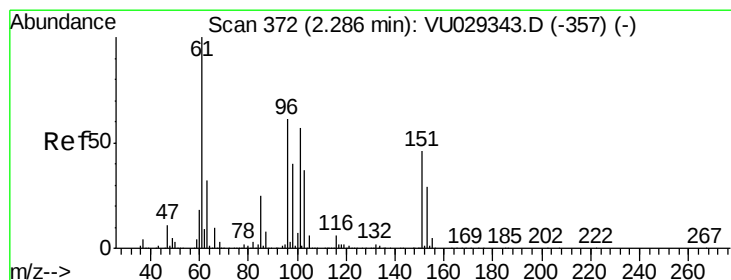
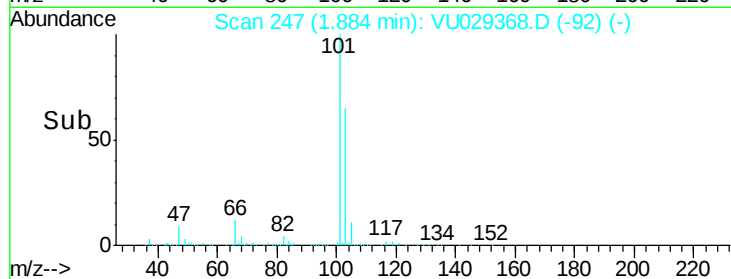
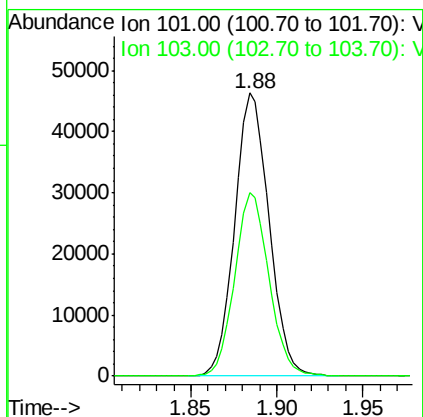
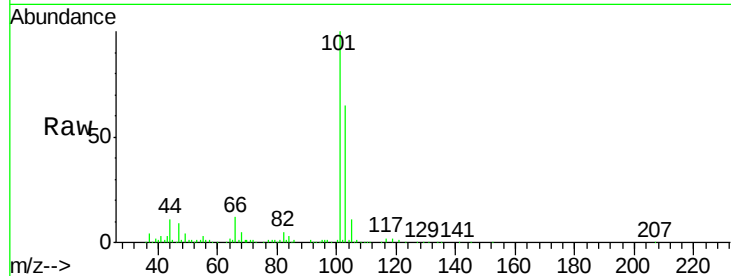




#7

Trichlorofluoromethane
Concen: 1.956 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

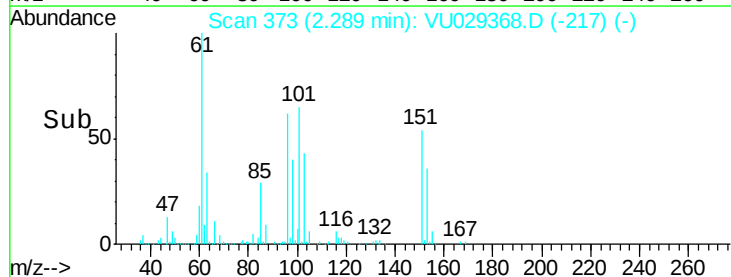
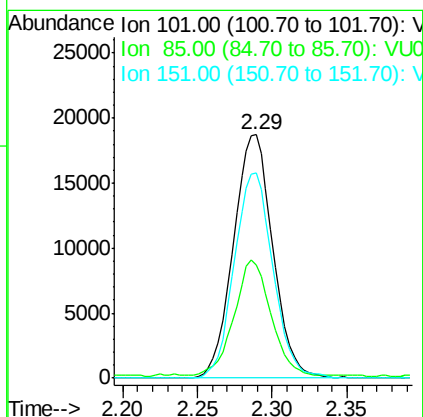
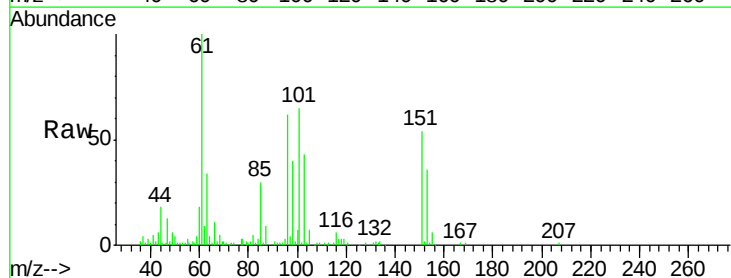
Tot Ion	101	Resp	64263
Ion Ratio	Lower	Upper	
101	100		
103	64.6	53.9	80.9

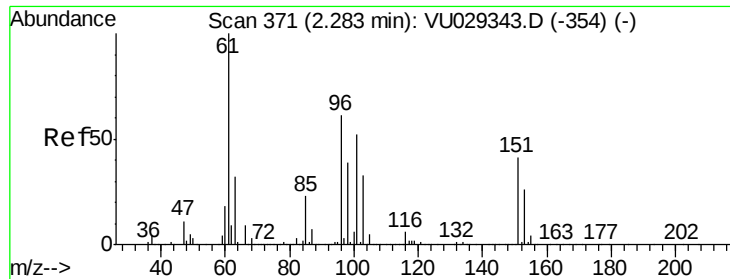


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.975 ug/l
RT: 2.29 min Scan# 373
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	101	Resp	34261
Ion Ratio	Lower	Upper	
101	100		
85	43.9	40.3	60.5
151	82.9	58.1	87.1





#9

1,1-Dichloroethene

Concen: 1.894 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

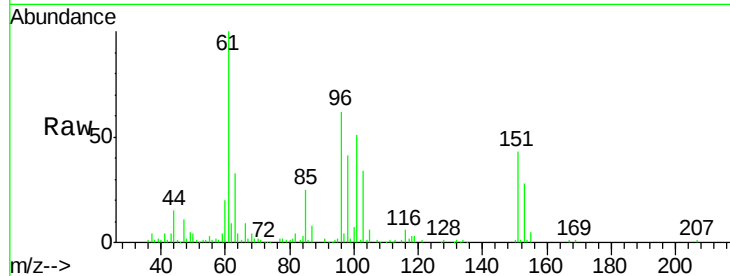
Tot Ion: 96 Resp: 32150

Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	641.4
98	64.5	0.0	122.6

96 100

61 162.2 0.0 641.4

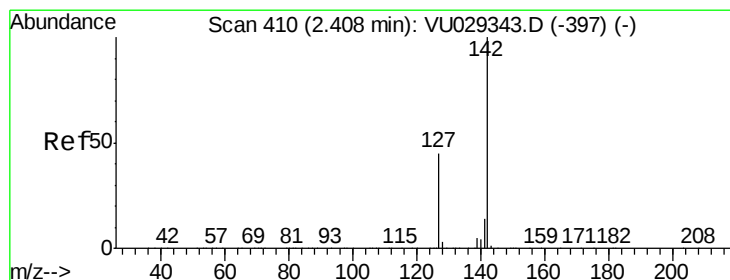
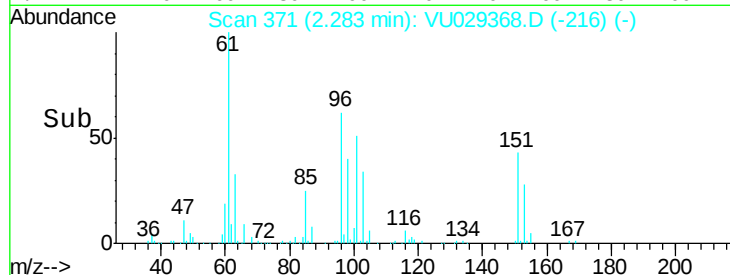
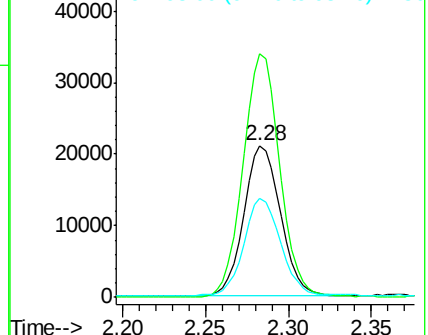
98 64.5 0.0 122.6



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: 1.805 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029368.D

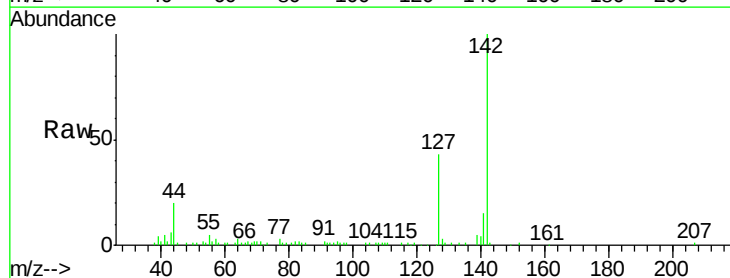
Acq: 07 Feb 2019 13:17

Tgt Ion: 142 Resp: 39419

Ion	Ratio	Lower	Upper
142	100		
127	43.5	47.6	71.4#

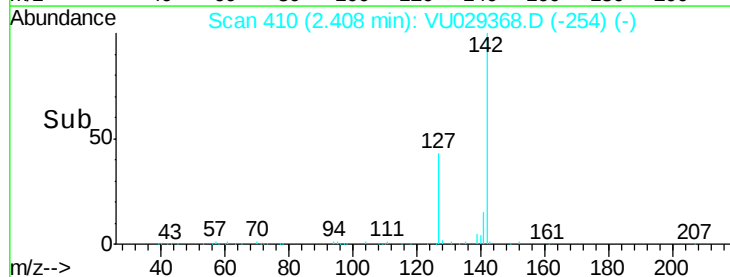
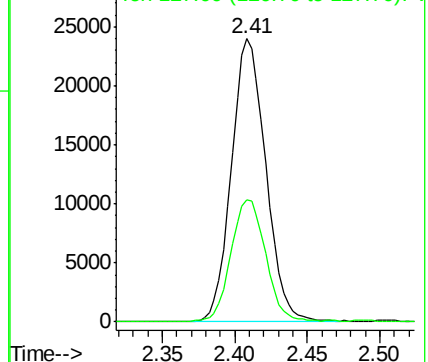
142 100

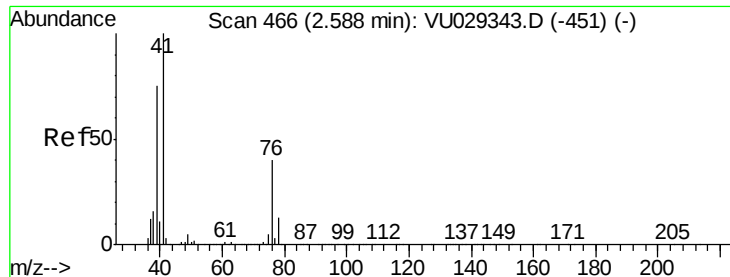
127 43.5 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 1.758 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU029368.D

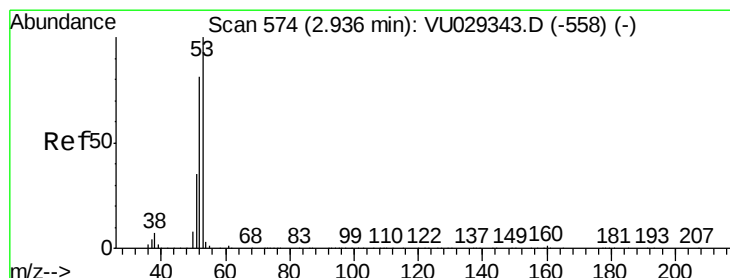
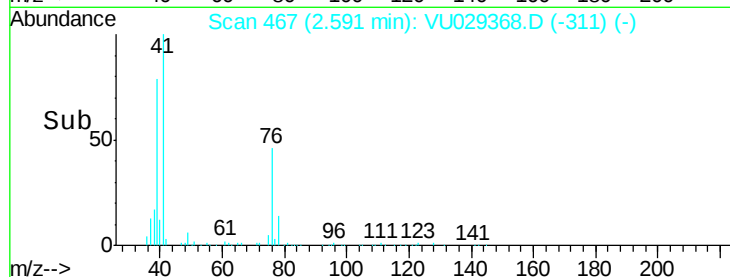
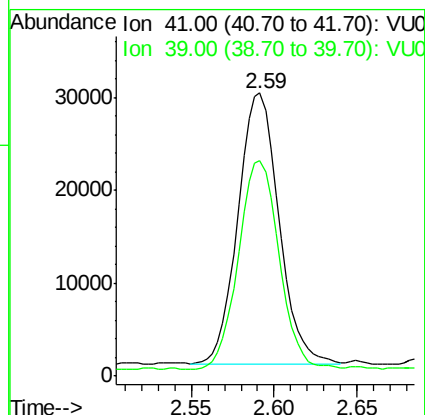
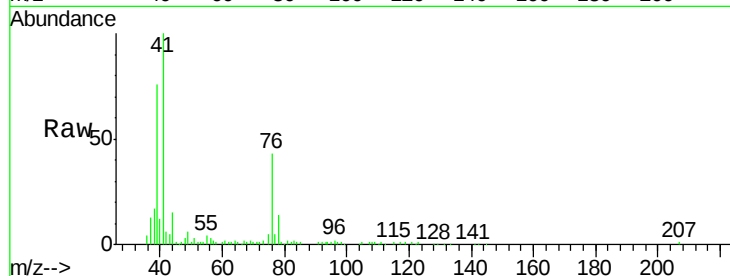
Acq: 07 Feb 2019 13:17

Tot Ion: 41 Resp: 50052

Ion Ratio Lower Upper

41 100

39 77.4 67.2 100.8



#12

Acrylonitrile

Concen: 3.868 ug/l

RT: 2.94 min Scan# 574

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

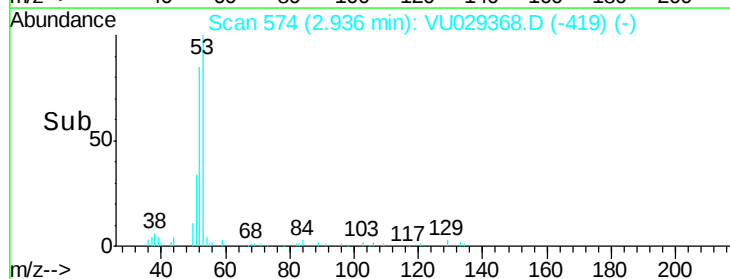
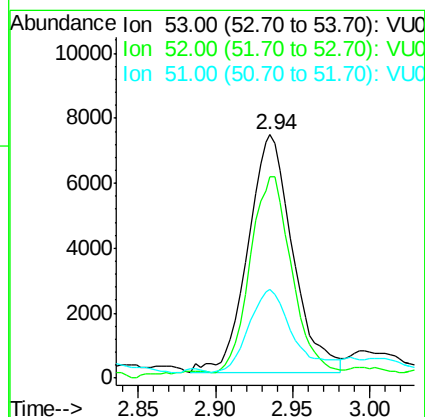
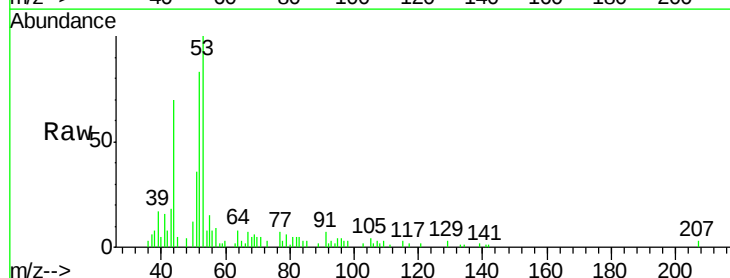
Tgt Ion: 53 Resp: 14715

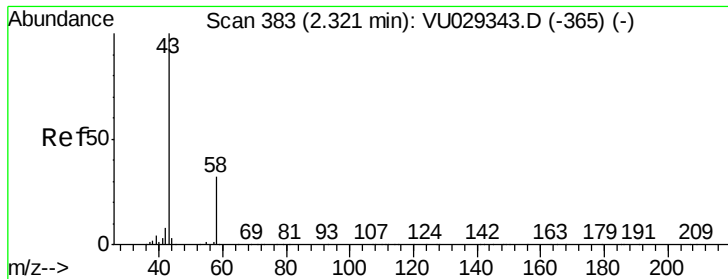
Ion Ratio Lower Upper

53 100

52 77.5 67.6 101.4

51 32.8 31.0 46.4





#13

Acetone

Concen: 9.380 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029368.D

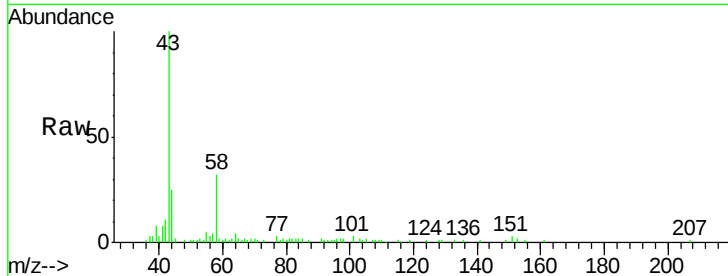
Acq: 07 Feb 2019 13:17

Tot Ion: 43 Resp: 34392

Ion Ratio Lower Upper

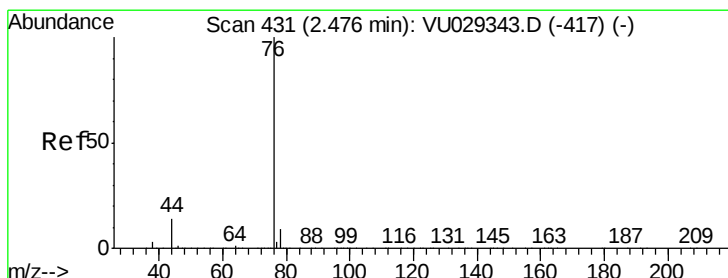
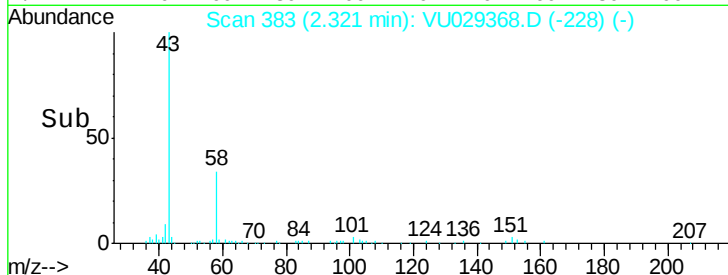
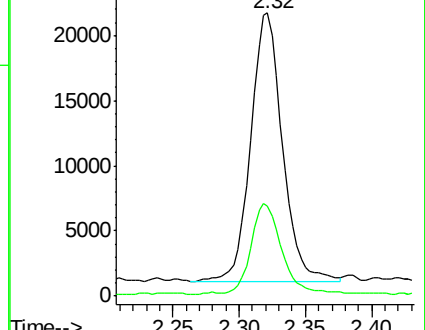
43 100

58 32.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU029343.D (-365) (-)



#14

Carbon Disulfide

Concen: 1.909 ug/l

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU029368.D

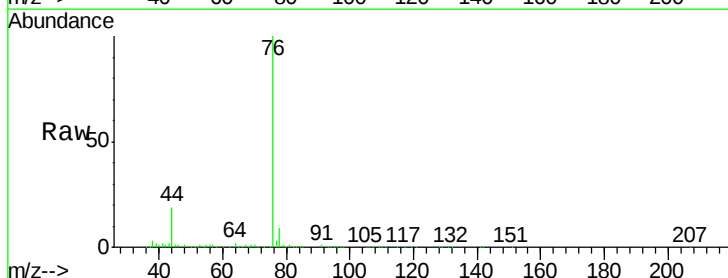
Acq: 07 Feb 2019 13:17

Tgt Ion: 76 Resp: 114389

Ion Ratio Lower Upper

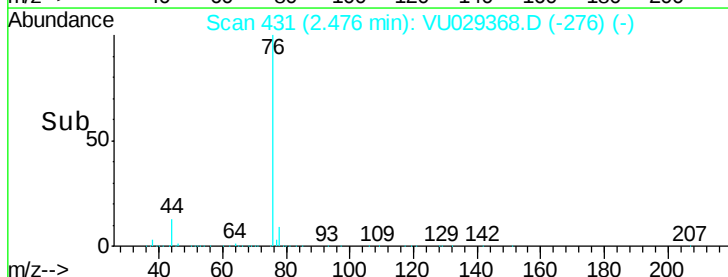
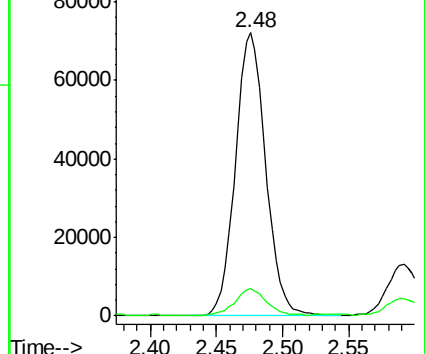
76 100

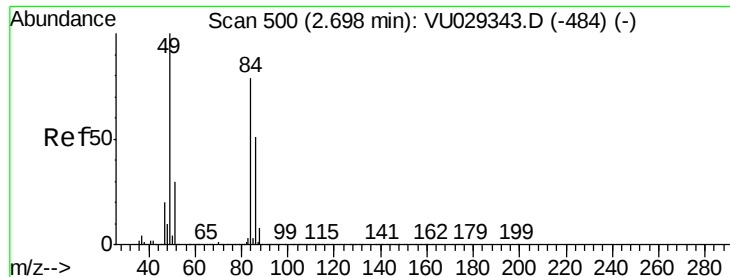
78 9.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU029343.D (-417) (-)

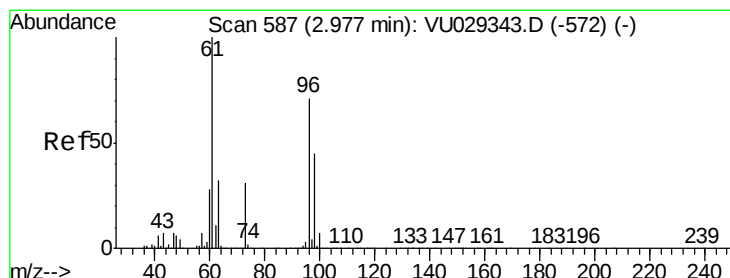
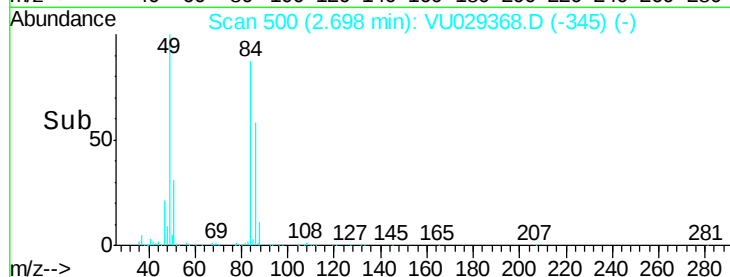
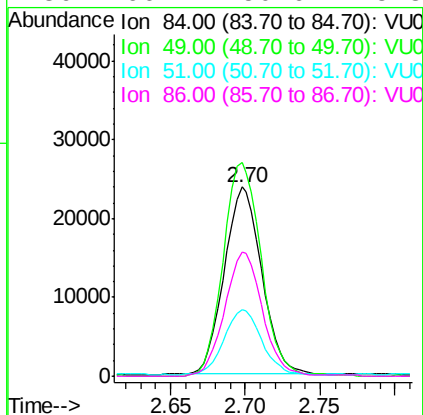
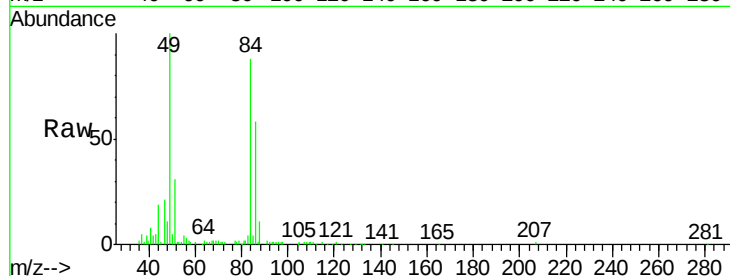
Ion 78.00 (77.70 to 78.70): VU029343.D (-417) (-)





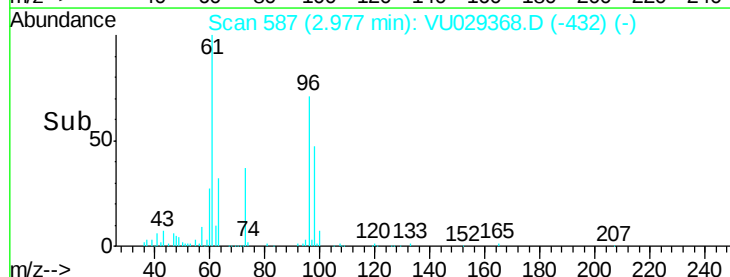
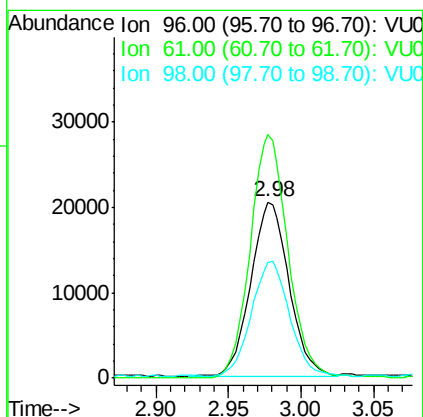
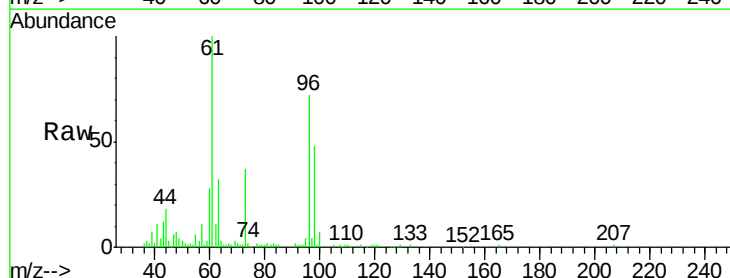
#15
Methvlene Chloride
Concen: 2.007 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

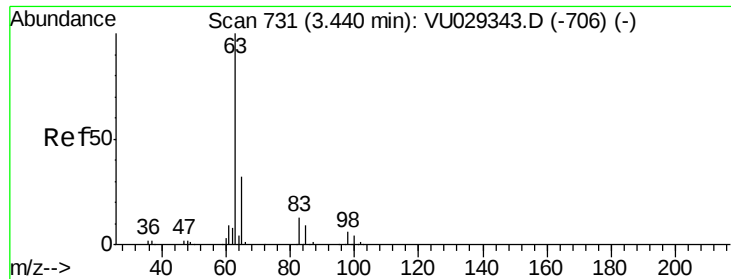
Tot Ion:	84	Resp:	41298
Ion	Ratio	Lower	Upper
84	100		
49	113.7	127.0	190.6#
51	34.6	0.0	93.4
86	66.1	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 1.973 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	96	Resp:	37451
Ion	Ratio	Lower	Upper
96	100		
61	139.6	140.6	210.8#
98	64.8	49.3	73.9





#17

1,1-Dichloroethane

Concen: 2.220 ug/l

RT: 3.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

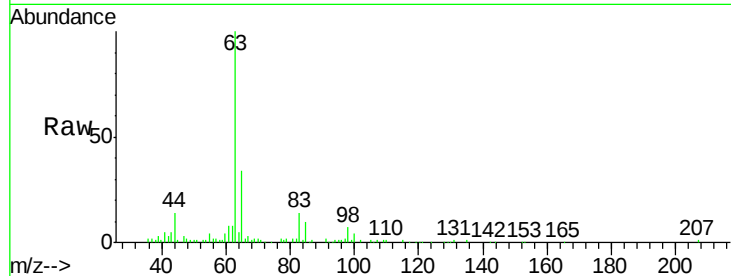
Tot Ion: 63 Resp: 66786

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

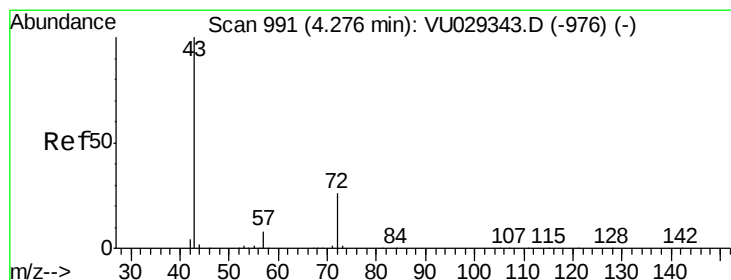
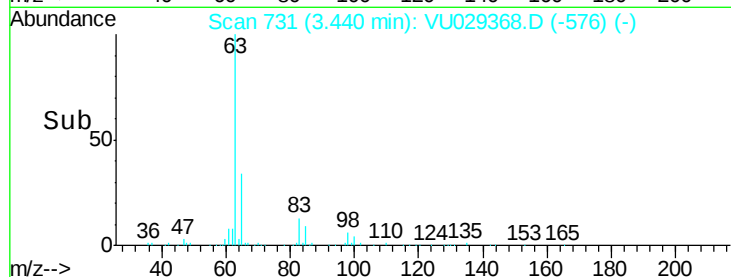
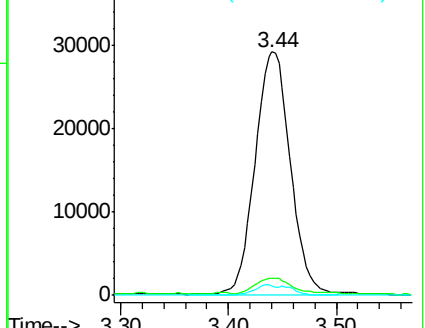
100 3.8 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-706) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-706) (-)

Ion 100.00 (99.70 to 100.70): VU029343.D (-706) (-)



#18

2-Butanone

Concen: 8.380 ug/l

RT: 4.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU029368.D

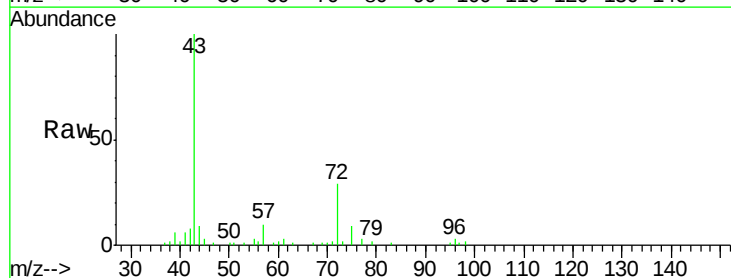
Acq: 07 Feb 2019 13:17

Tgt Ion: 43 Resp: 34341

Ion Ratio Lower Upper

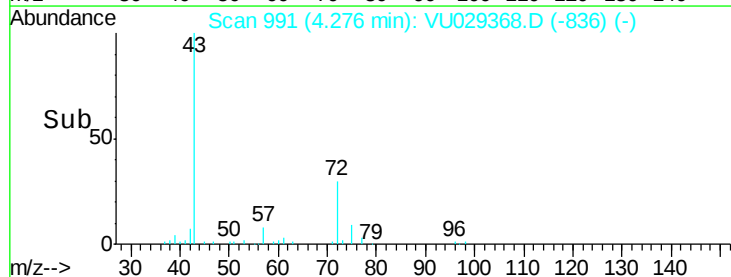
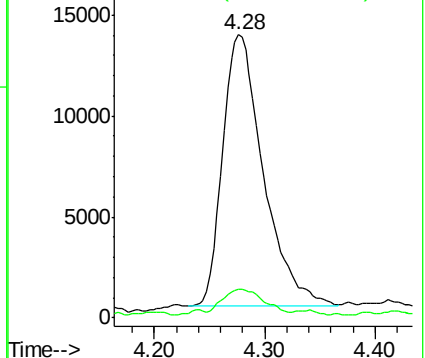
43 100

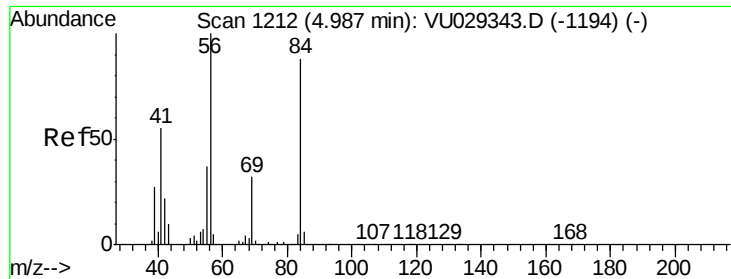
57 8.9 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-976) (-)

Ion 57.00 (56.70 to 57.70): VU029343.D (-976) (-)





#19

Cyclohexane

Concen: 1.691 ug/l m

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

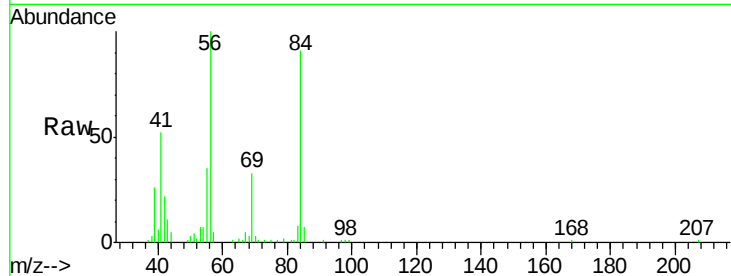
Tot Ion: 56 Resp: 47152

Ion Ratio Lower Upper

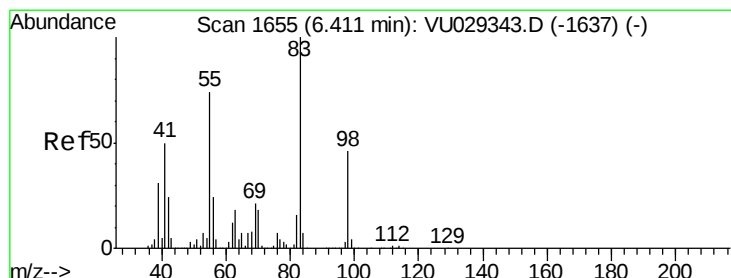
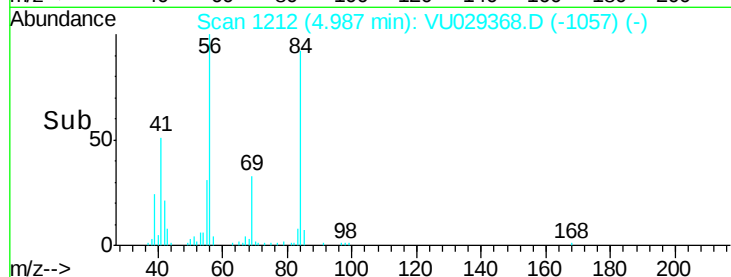
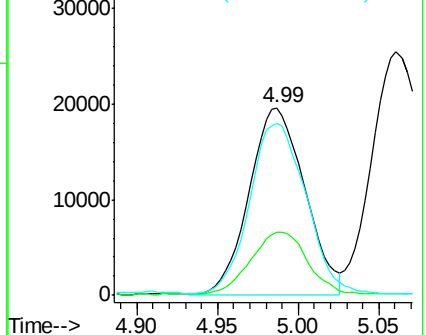
56 100

69 32.9 26.8 40.2

84 91.4 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: 1.927 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

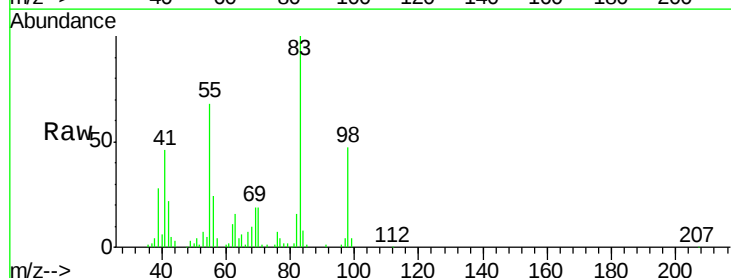
Tgt Ion: 83 Resp: 56438

Ion Ratio Lower Upper

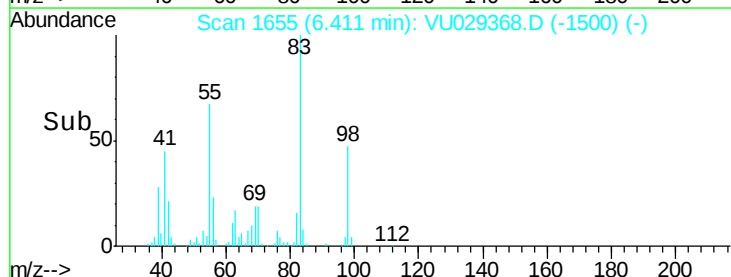
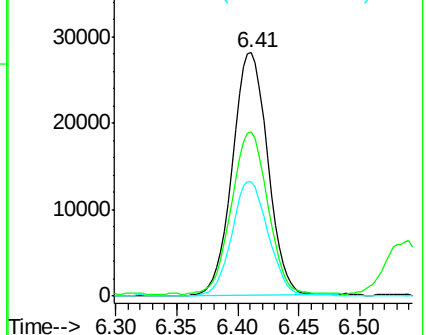
83 100

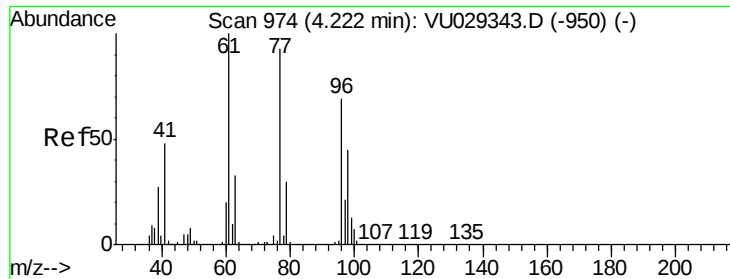
55 67.9 72.4 108.6#

98 47.9 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: 1.948 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029368.D

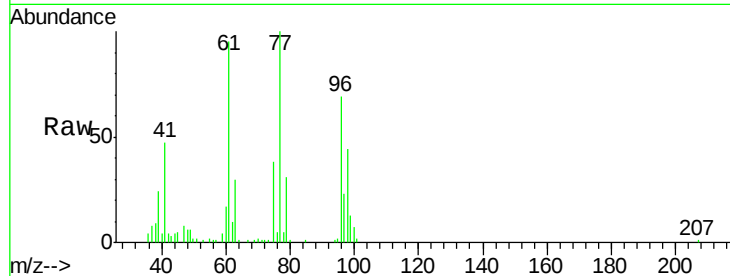
Acq: 07 Feb 2019 13:17

Tot Ion: 77 Resp: 54231

Ion Ratio Lower Upper

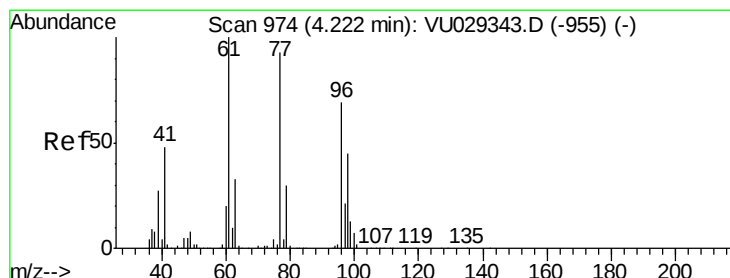
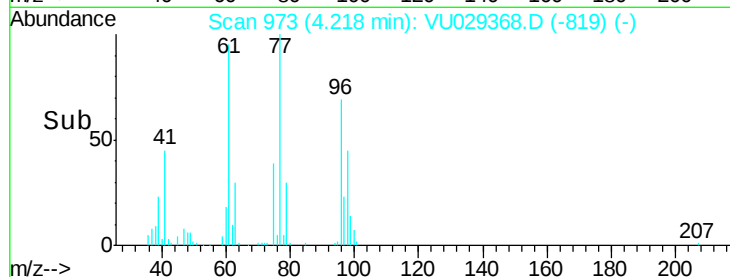
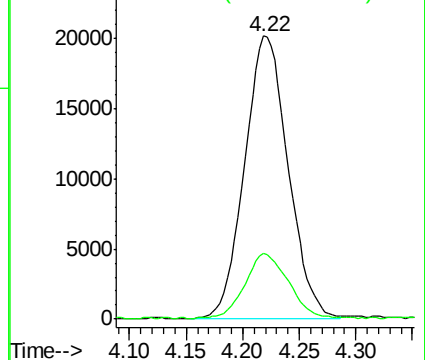
77 100

97 23.4 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.963 ug/l

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

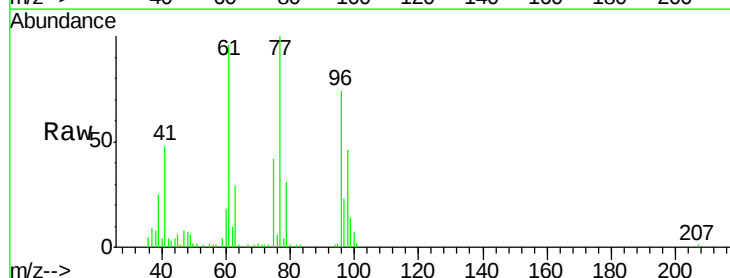
Tgt Ion: 96 Resp: 35093

Ion Ratio Lower Upper

96 100

61 140.0 0.0 460.0

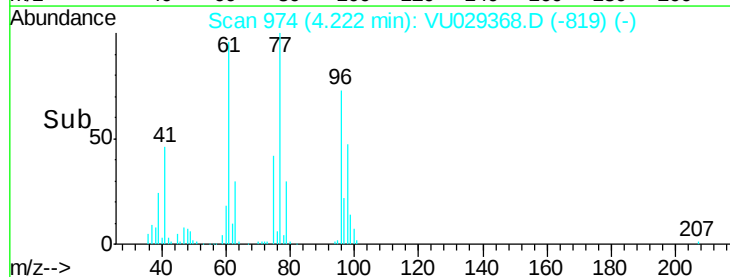
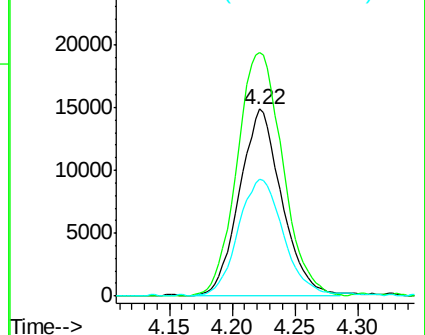
98 67.2 32.6 97.7

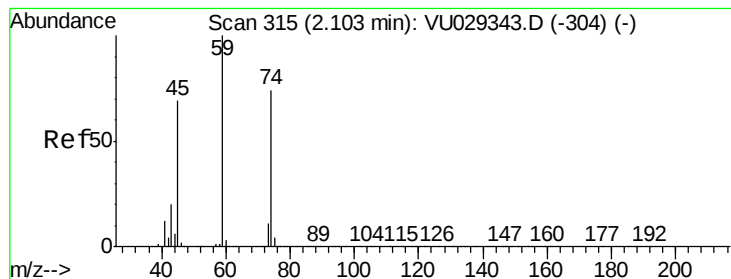


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 1.921 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

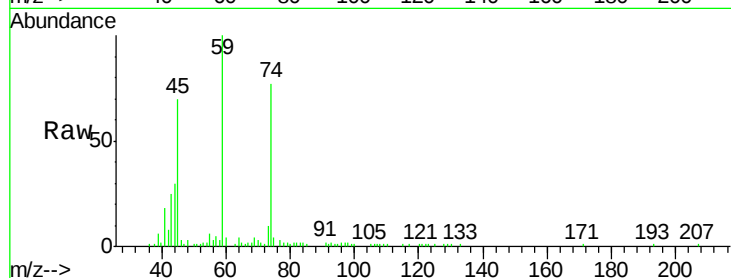
Tot Ion: 59 Resp: 26181

Ion	Ratio	Lower	Upper
59	100		
45	67.5	64.2	96.4
74	76.5	55.3	82.9

59 100

45 67.5 64.2 96.4

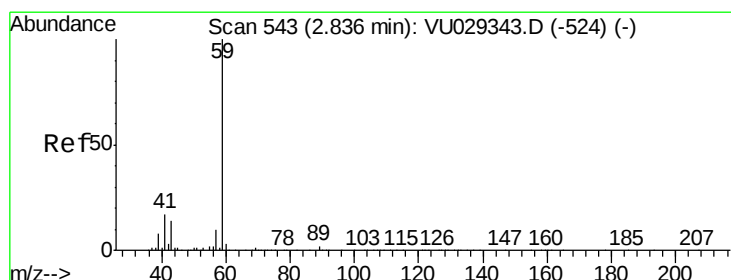
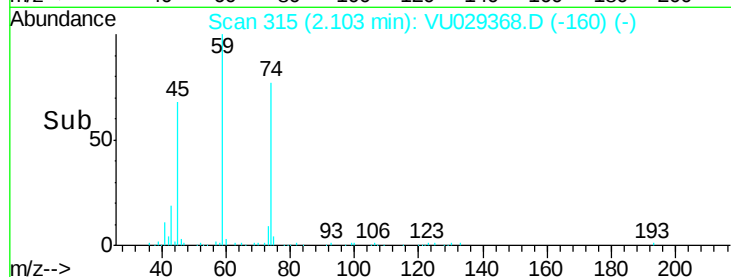
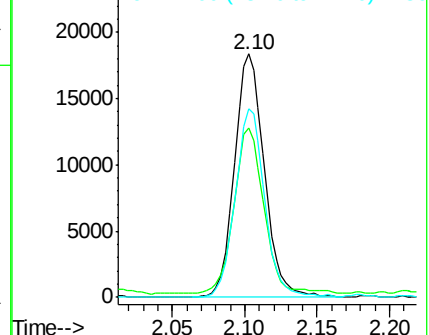
74 76.5 55.3 82.9



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: 19.681 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029368.D

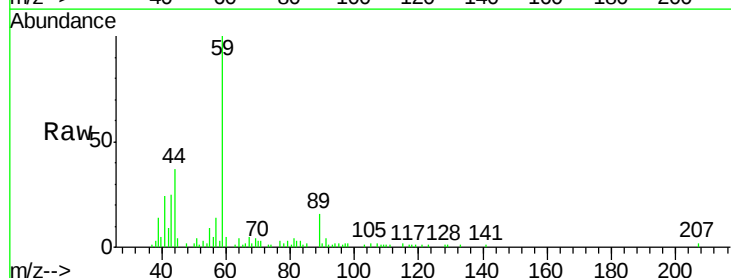
Acq: 07 Feb 2019 13:17

Tgt Ion: 59 Resp: 27877

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.8	13.2

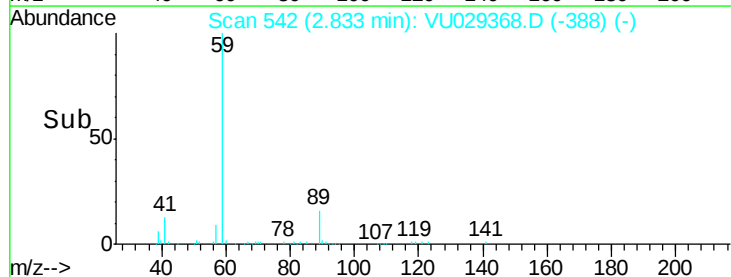
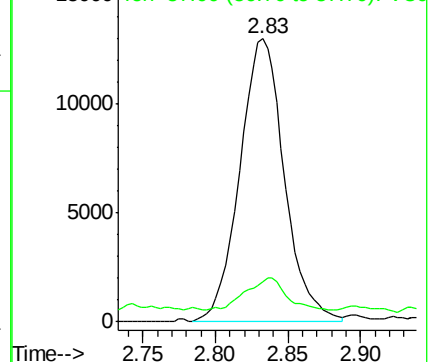
59 100

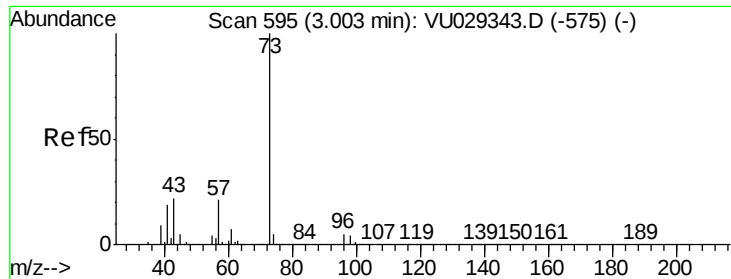
57 10.6 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

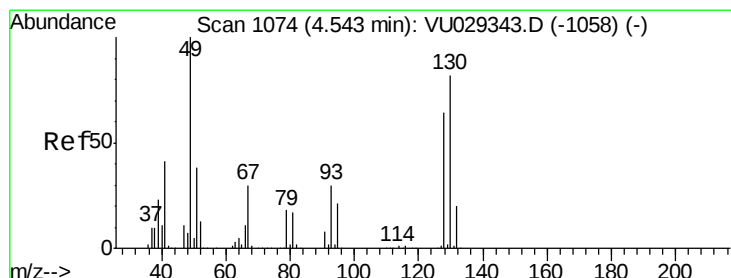
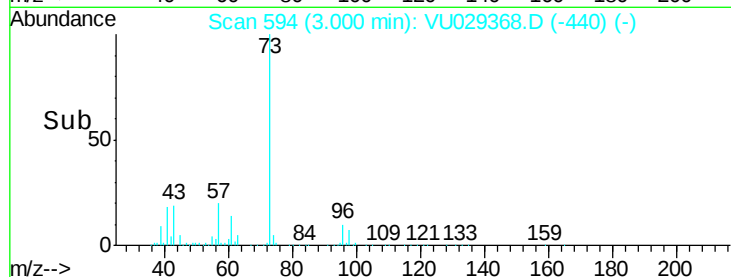
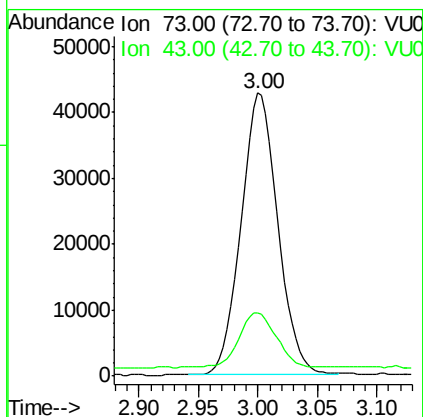
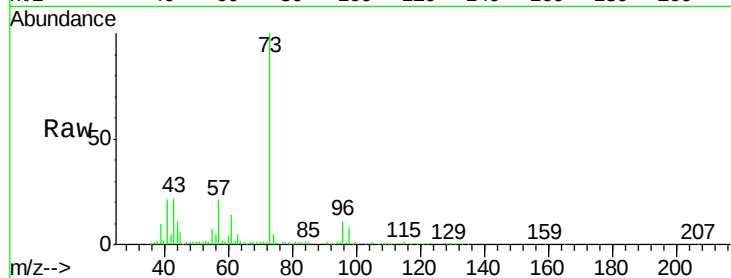




#25

Methyl tert-Butyl Ether
 Concen: 1.920 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

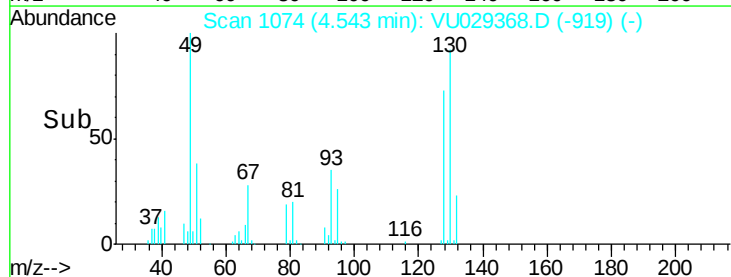
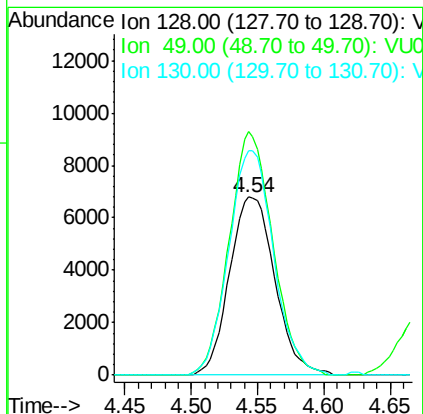
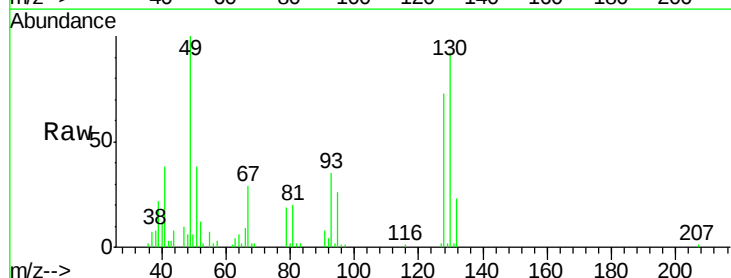
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.0	22.1	33.1#

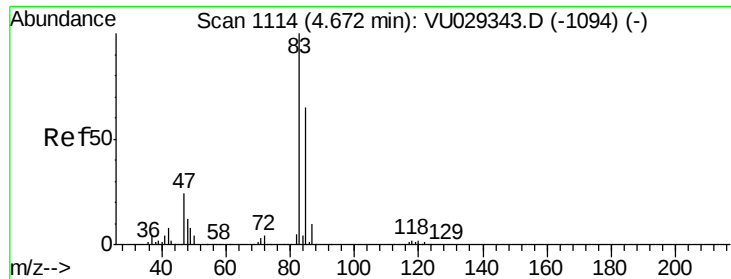


#26

Bromochloromethane
 Concen: 2.048 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

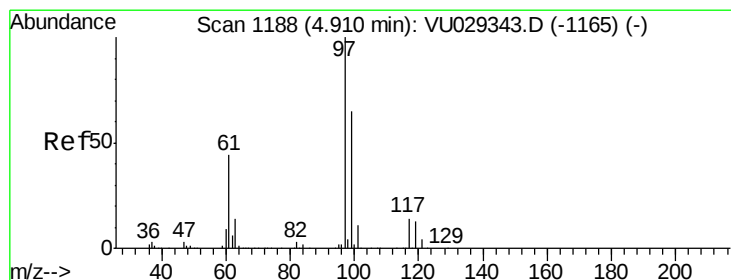
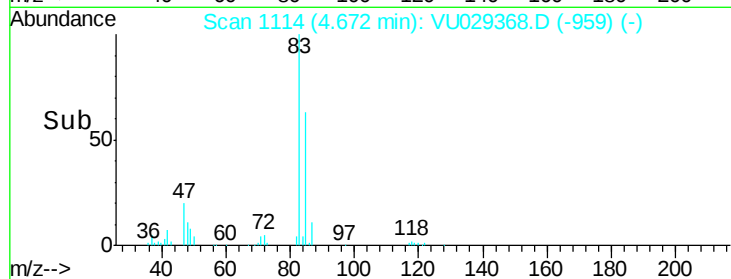
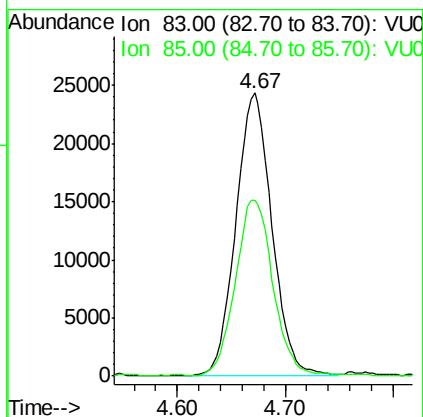
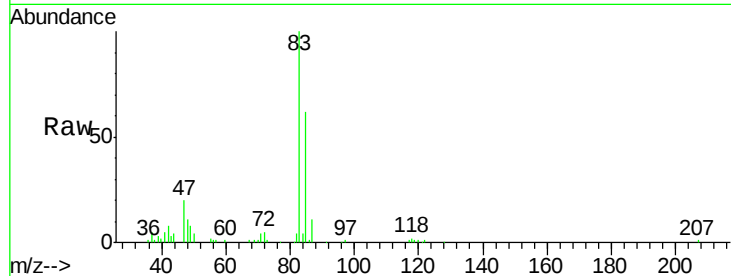
Tgt Ion	Ratio	Lower	Upper
128	100		
49	131.2	0.0	401.6
130	125.1	108.0	162.0





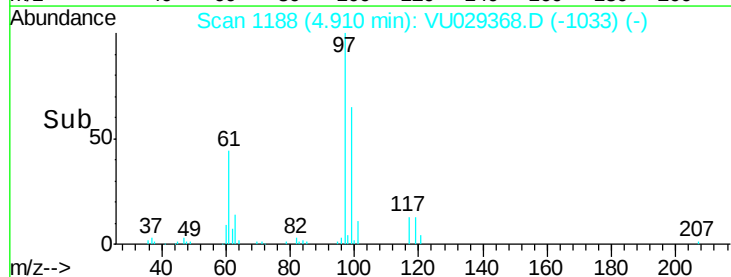
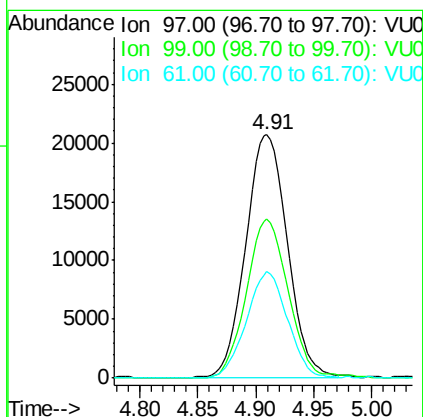
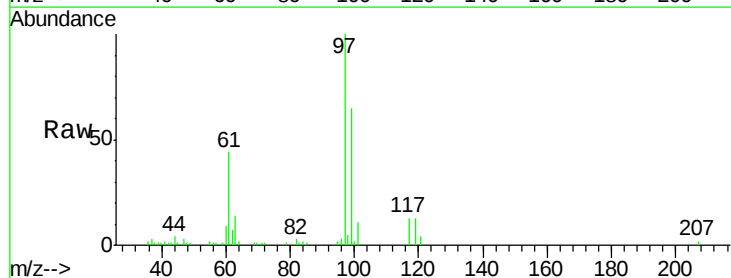
#27
Chloroform
Concen: 1.940 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

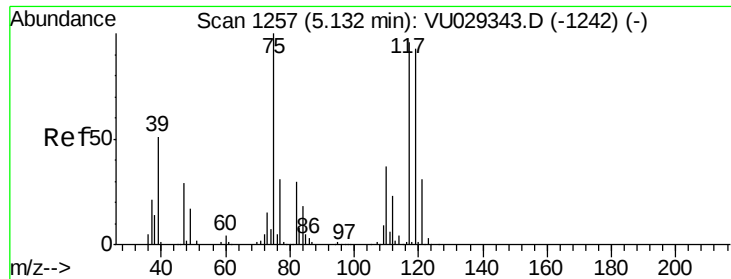
Tot Ion: 83 Resp: 56733
Ion Ratio Lower Upper
83 100
85 62.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.919 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 97 Resp: 52026
Ion Ratio Lower Upper
97 100
99 64.7 32.4 97.2
61 42.9 24.4 73.2





#29

1,1-Dichloropropene

Concen: 1.812 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

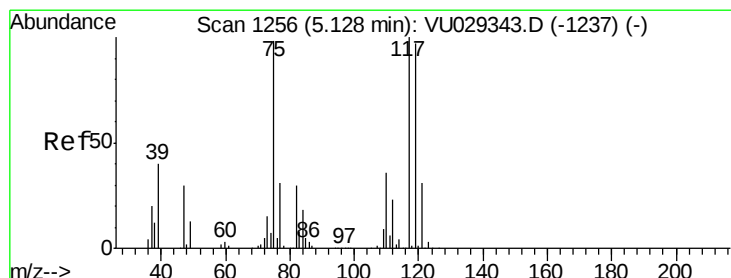
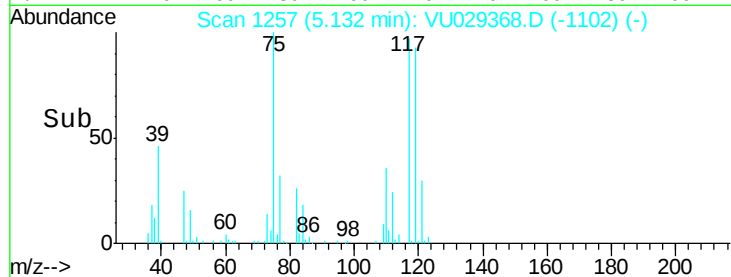
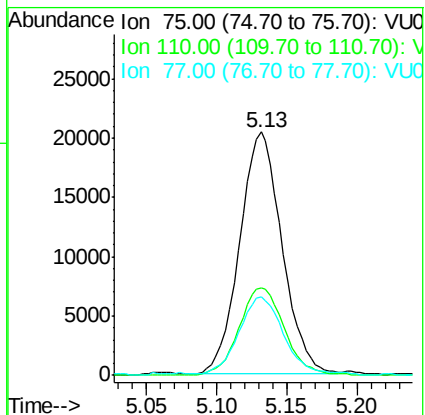
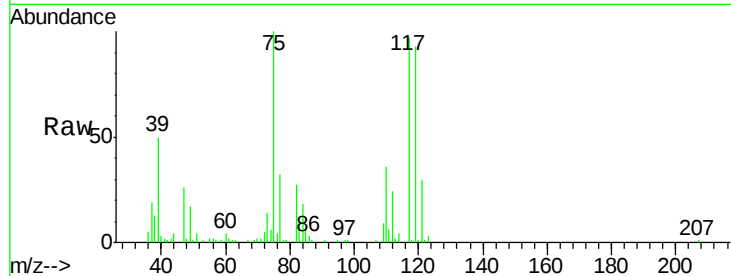
Tot Ion: 75 Resp: 42648

Ion Ratio Lower Upper

75 100

110 38.6 15.4 46.2

77 35.1 24.1 36.1



#30

Carbon Tetrachloride

Concen: 1.957 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

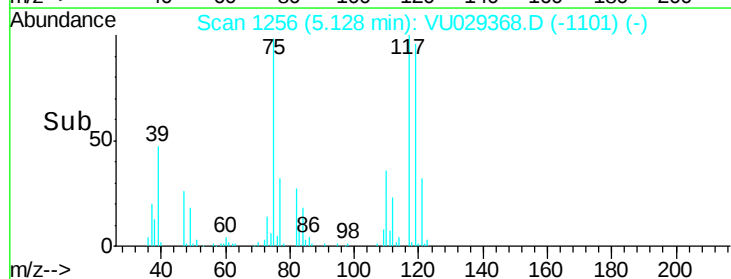
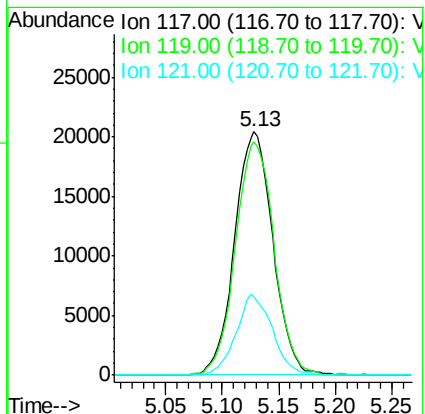
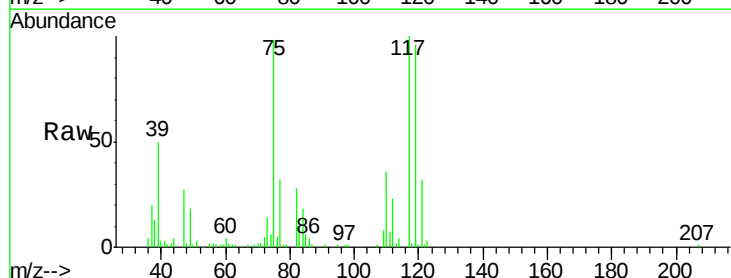
Tgt Ion: 117 Resp: 48026

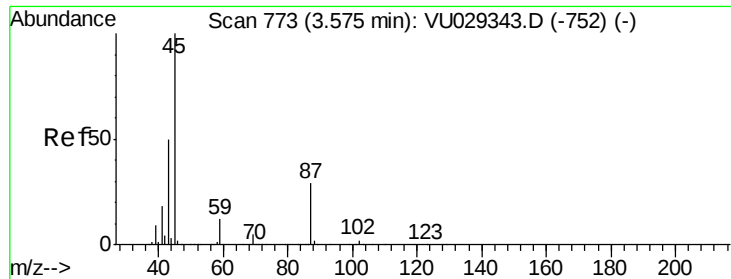
Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

121 32.3 24.4 36.6





#31

Isopropyl Ether

Concen: 1.832 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029368.D

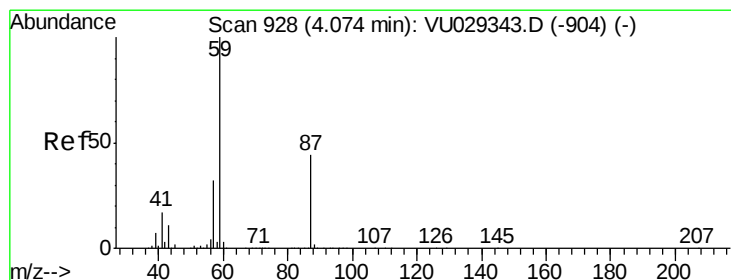
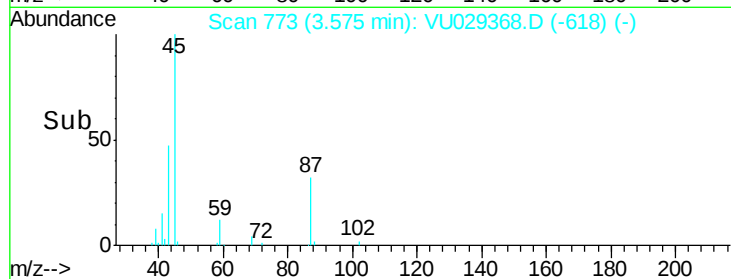
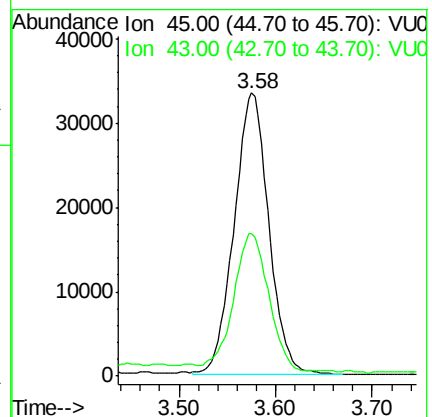
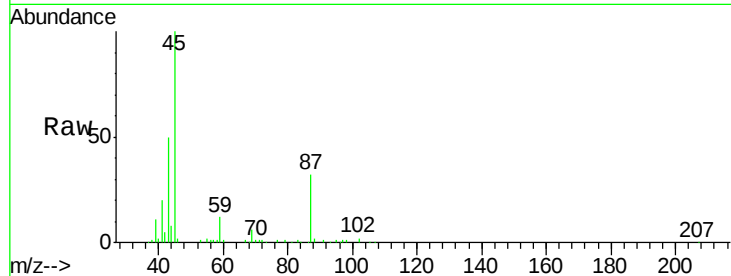
Acq: 07 Feb 2019 13:17

Tot Ion: 45 Resp: 83152

Ion Ratio Lower Upper

45 100

43 49.7 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 1.805 ug/l

RT: 4.07 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU029368.D

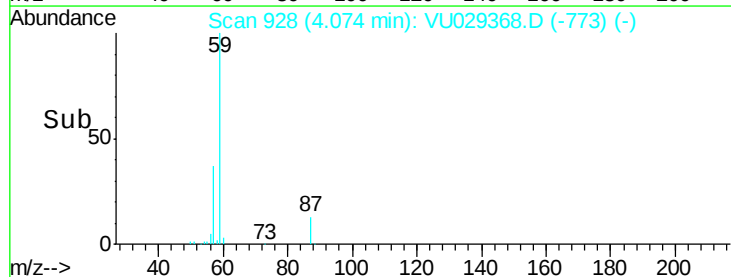
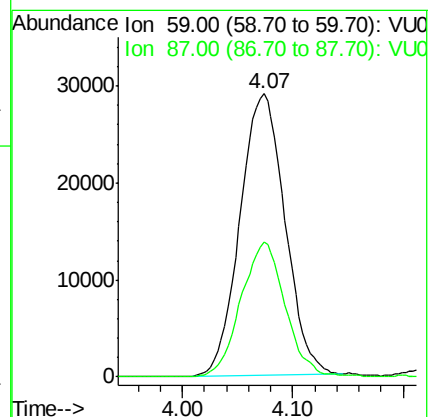
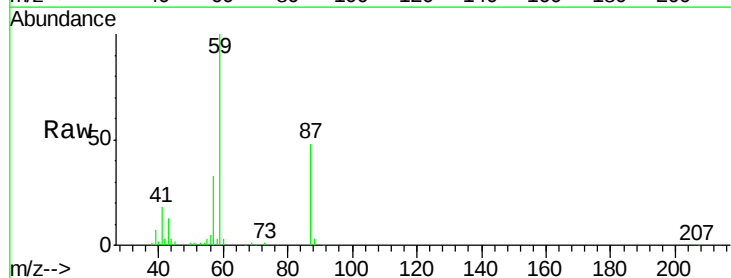
Acq: 07 Feb 2019 13:17

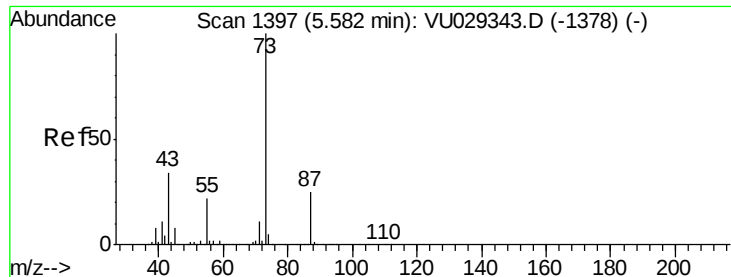
Tgt Ion: 59 Resp: 82104

Ion Ratio Lower Upper

59 100

87 46.4 31.1 46.7

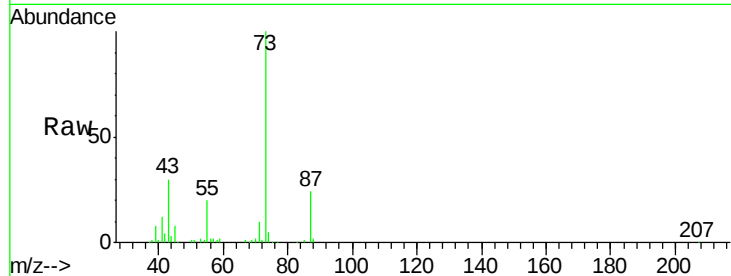




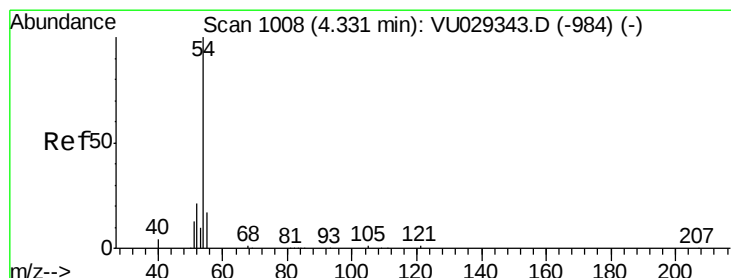
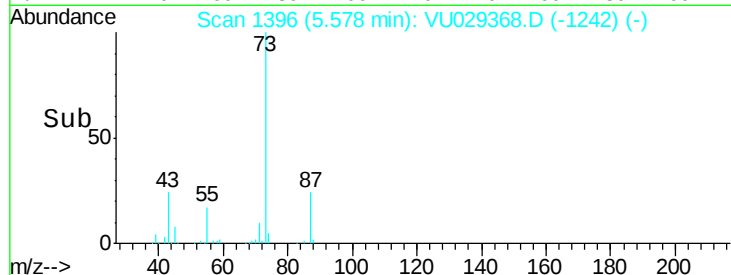
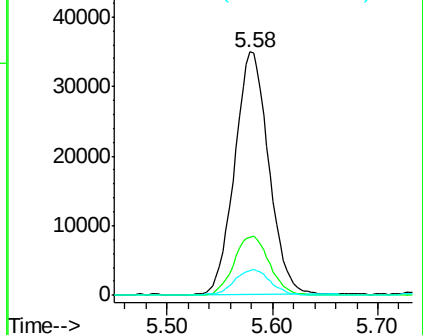
#33

Tert-Butyl methyl ether
 Concen: 1.907 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion	73	Resp	78427
Ion Ratio	Lower	Upper	
73	100		
87	25.2	19.4	29.0
71	11.0	9.0	13.4



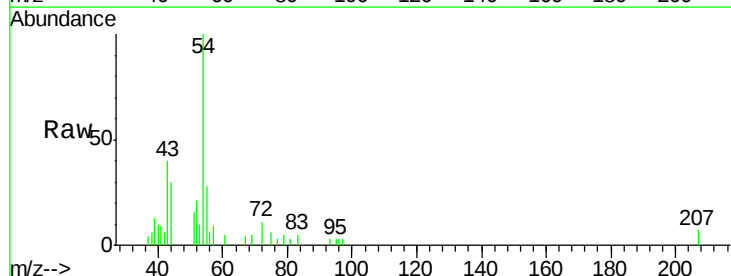
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



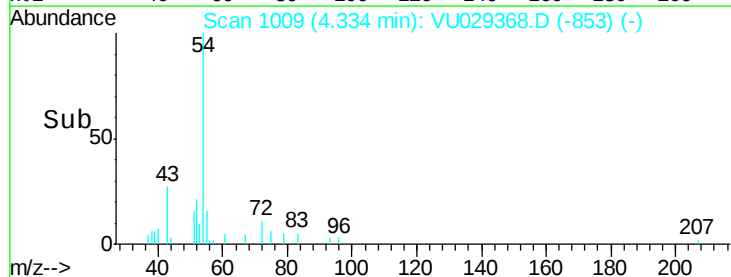
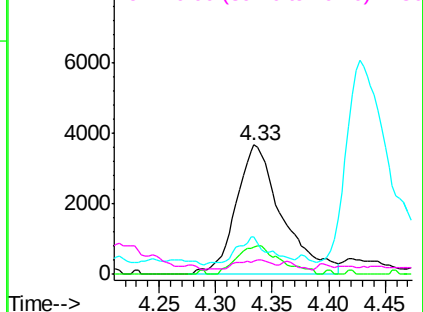
#34

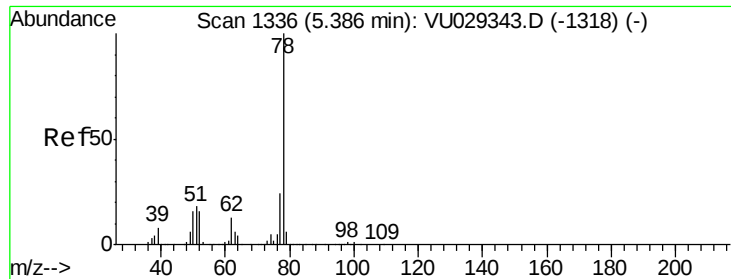
Propionitrile
 Concen: 9.567 ug/l
 RT: 4.33 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion	54	Resp	10305
Ion Ratio	Lower	Upper	
54	100		
52	20.3	18.9	28.3
55	14.6	15.1	22.7#
40	4.8	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: 1.895 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029368.D

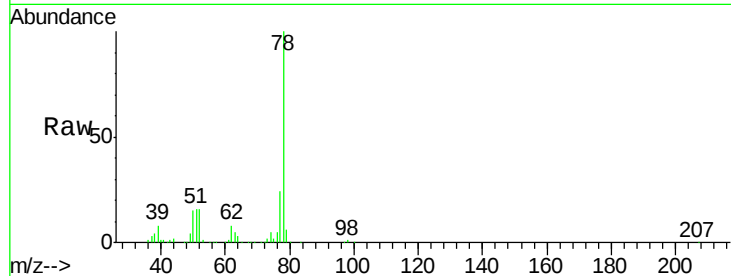
Acq: 07 Feb 2019 13:17

Tot Ion: 78 Resp: 123361

Ion Ratio Lower Upper

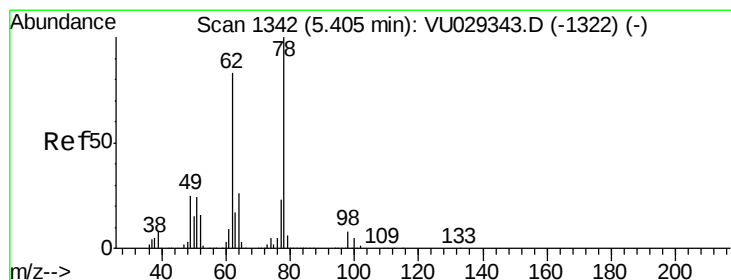
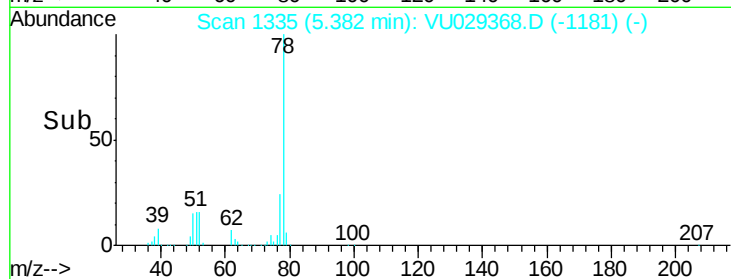
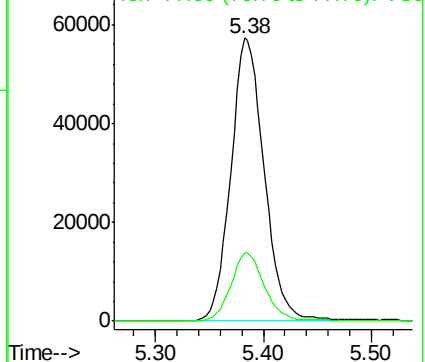
78 100

77 24.2 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.743 ug/l

RT: 5.40 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VU029368.D

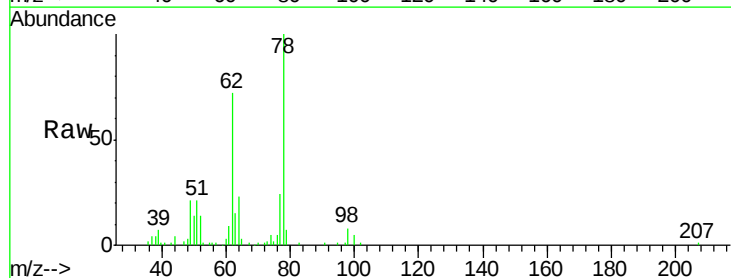
Acq: 07 Feb 2019 13:17

Tgt Ion: 62 Resp: 34313

Ion Ratio Lower Upper

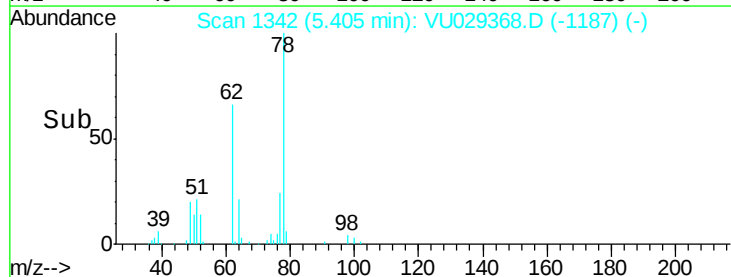
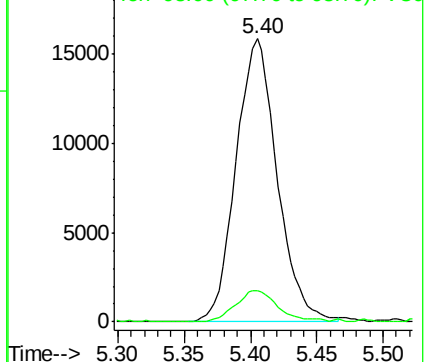
62 100

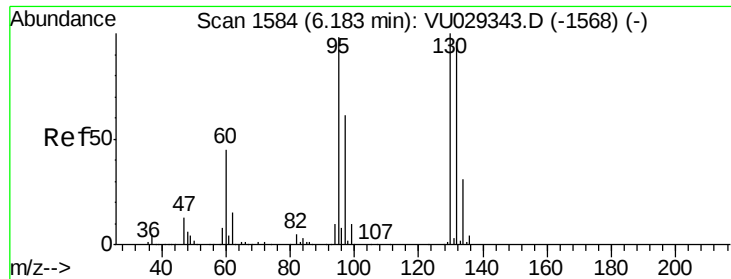
98 11.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

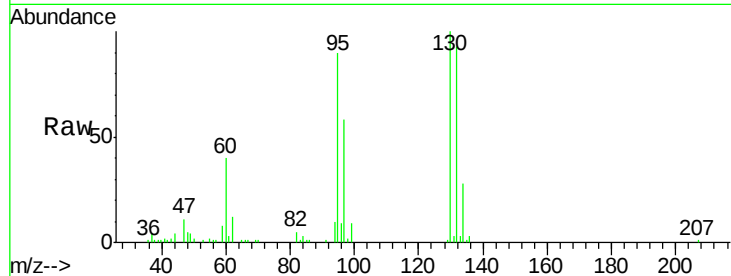
Ion 98.00 (97.70 to 98.70): VU0



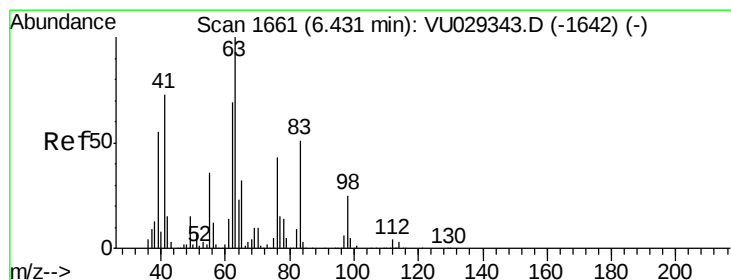
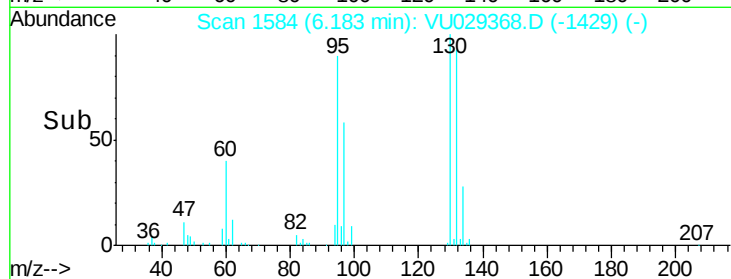
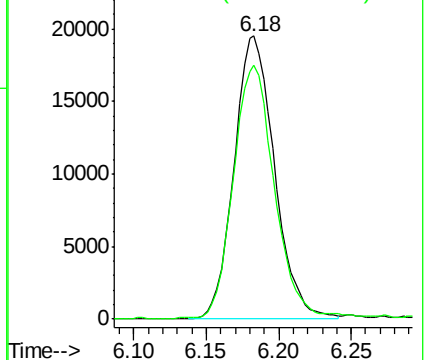


#37
 Trichloroethene
 Concen: 2.022 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion:130 Resp: 37769
 Ion Ratio Lower Upper
 130 100
 95 89.1 85.4 128.0

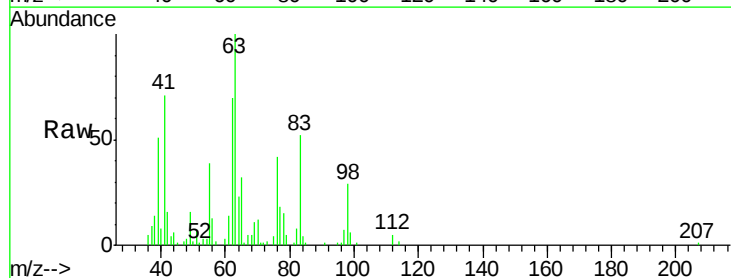


Abundance Ion 129.90 (129.60 to 130.60): VU029368.D (-1429) (-)
 Ion 94.90 (94.60 to 95.60): VU029368.D (-1429) (-)

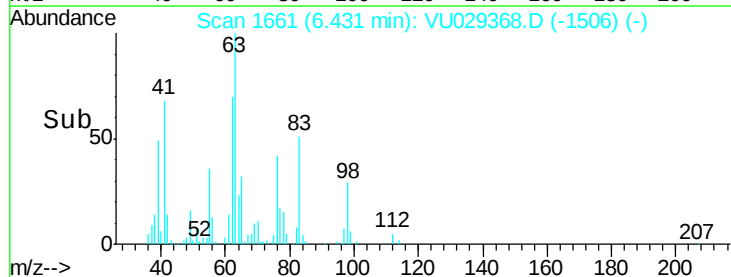
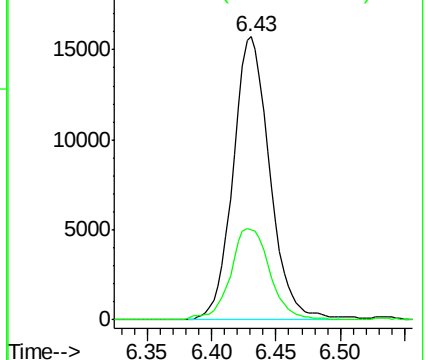


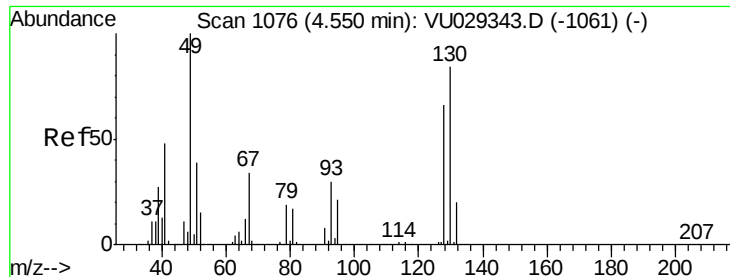
#38
 1,2-Dichloropropane
 Concen: 1.839 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 63 Resp: 31135
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



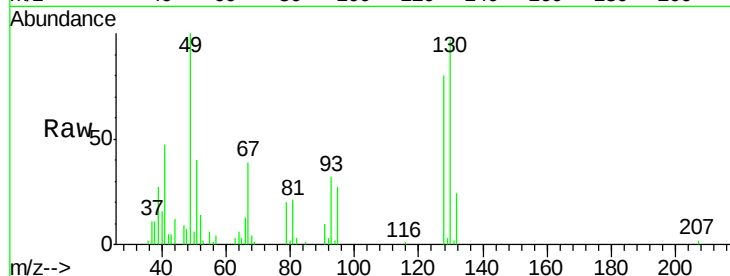
Abundance Ion 63.00 (62.70 to 63.70): VU029368.D (-1506) (-)
 Ion 65.00 (64.70 to 65.70): VU029368.D (-1506) (-)



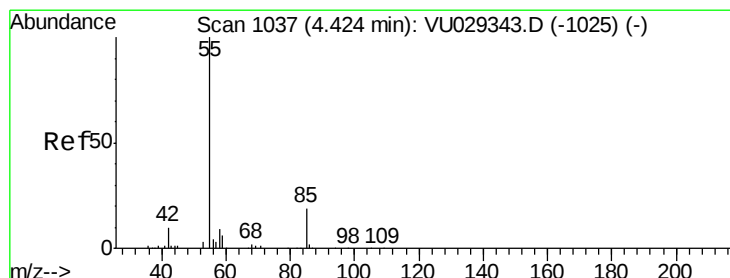
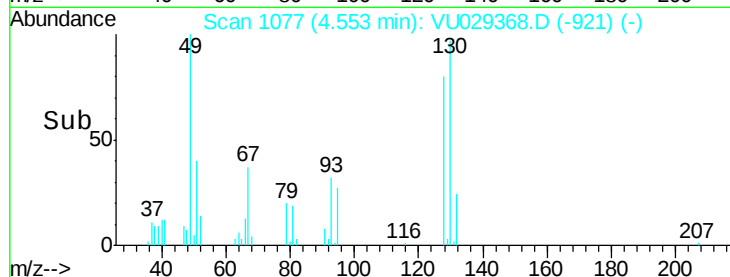
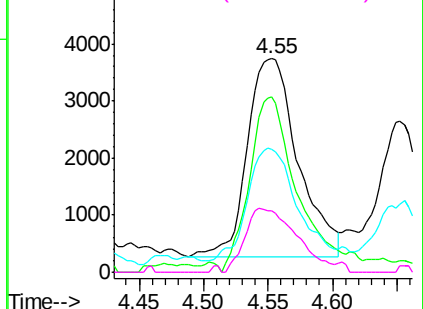


#39
Methacrylonitrile
Concen: 1.718 ug/l
RT: 4.55 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tot Ion:	41	Resp:	9479
Ion	Ratio	Lower	Upper
41	100		
67	85.5	50.1	75.1#
39	55.4	47.9	71.9
52	32.7	24.8	37.2

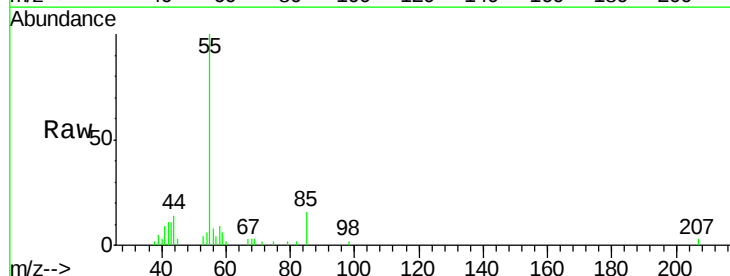


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

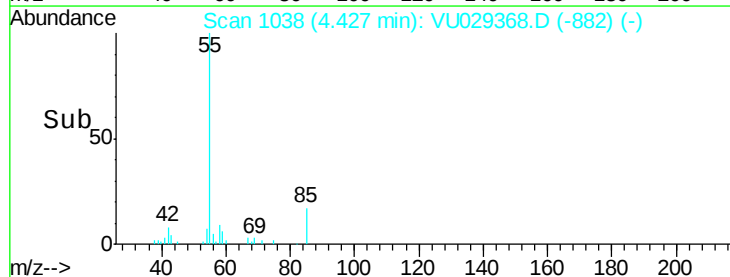
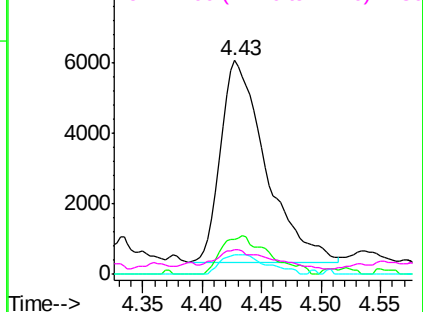


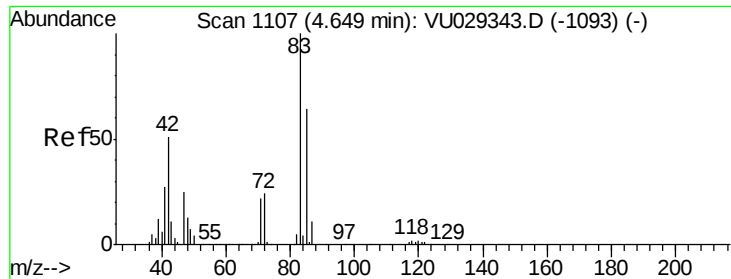
#40
Methyl acrylate
Concen: 1.807 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:	55	Resp:	15045
Ion	Ratio	Lower	Upper
55	100		
85	20.0	11.3	16.9#
58	9.6	6.2	9.4#
42	11.6	10.1	15.1



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.387 ug/l

RT: 4.65 min Scan# 1107

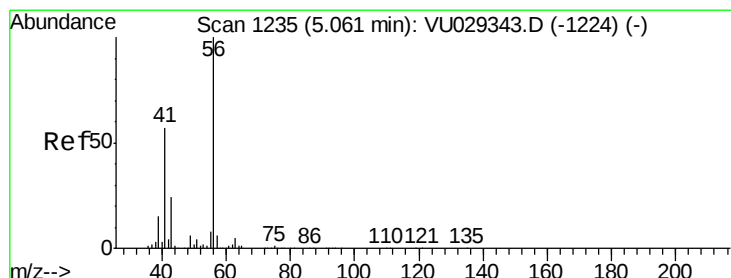
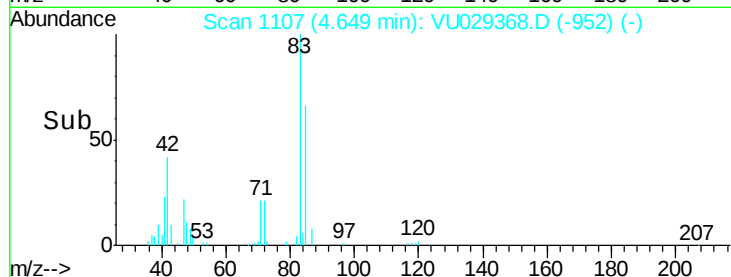
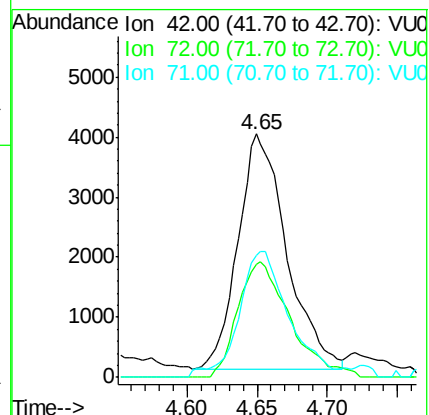
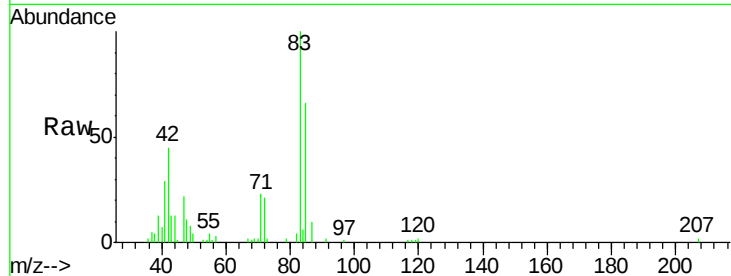
Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tot Ion: 42 Resp: 9410

Ion	Ratio	Lower	Upper
42	100		
72	53.1	33.1	49.7#
71	55.1	30.2	45.2#



#42

1-Chlorobutane

Concen: 1.798 ug/l

RT: 5.06 min Scan# 1235

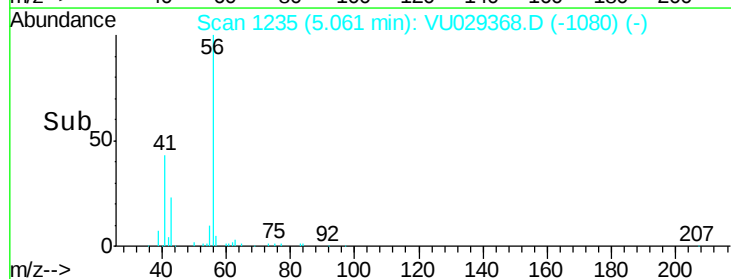
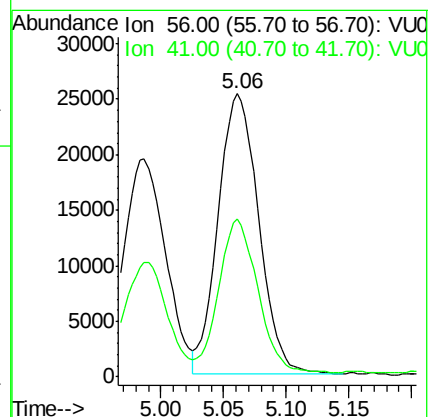
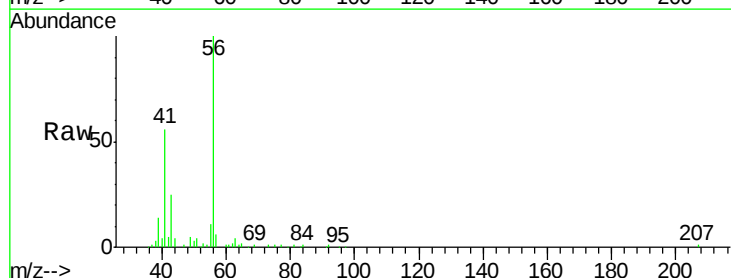
Delta R.T. -0.00 min

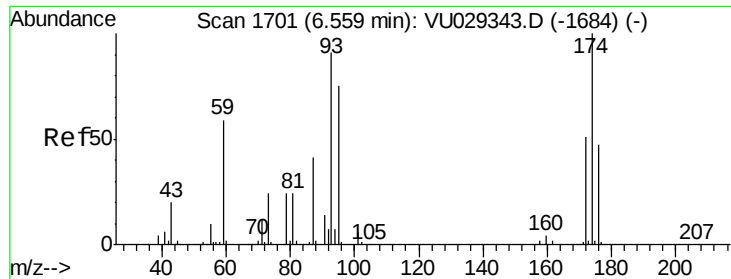
Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

Tgt Ion: 56 Resp: 56691

Ion	Ratio	Lower	Upper
56	100		
41	52.9	31.3	93.8





#43

Dibromomethane

Concen: 1.872 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

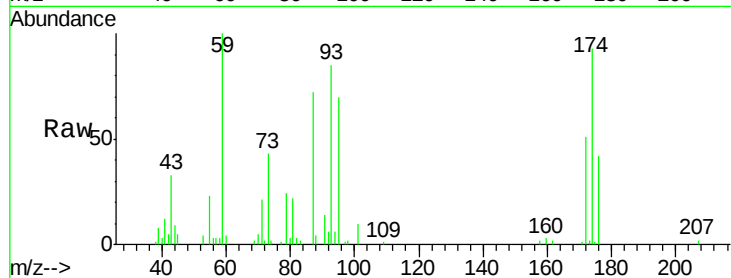
Tot Ion: 93 Resp: 16888

Ion Ratio Lower Upper

93 100

95 85.3 68.2 102.2

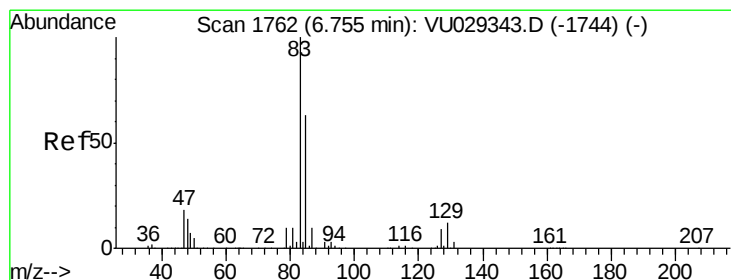
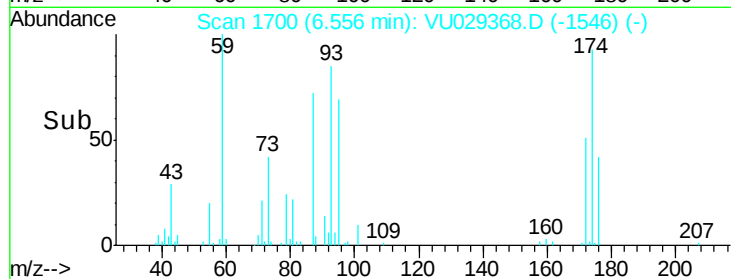
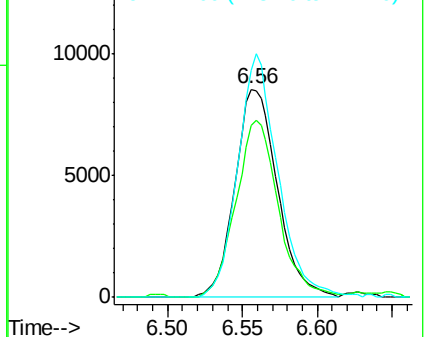
174 110.9 77.6 116.4



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



#44

Bromodichloromethane

Concen: 1.885 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

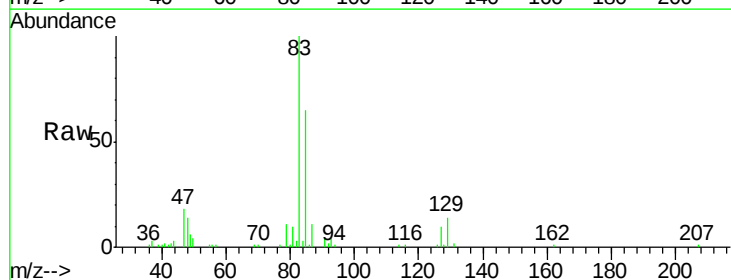
Tgt Ion: 83 Resp: 43336

Ion Ratio Lower Upper

83 100

85 64.4 49.2 73.8

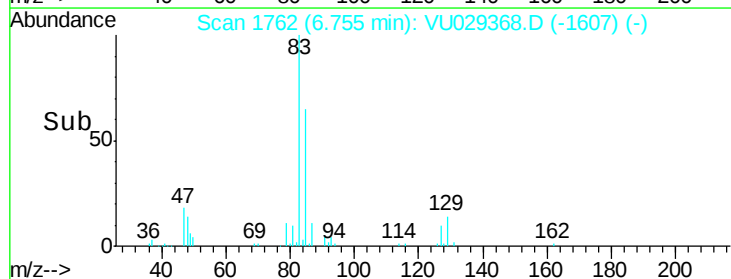
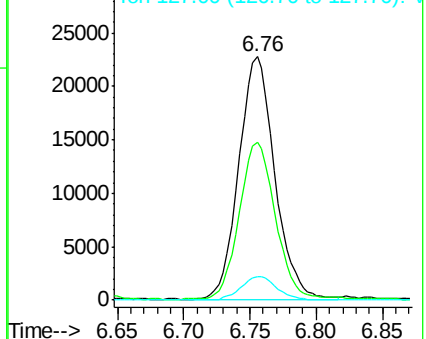
127 9.5 7.0 10.6

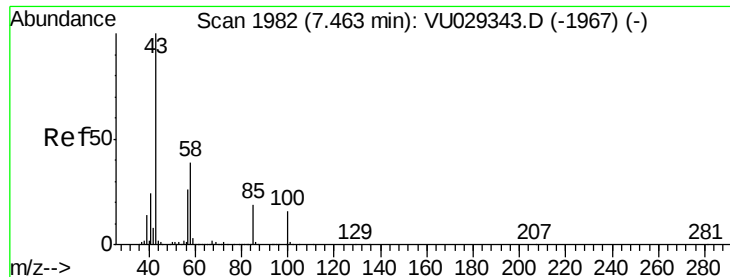


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

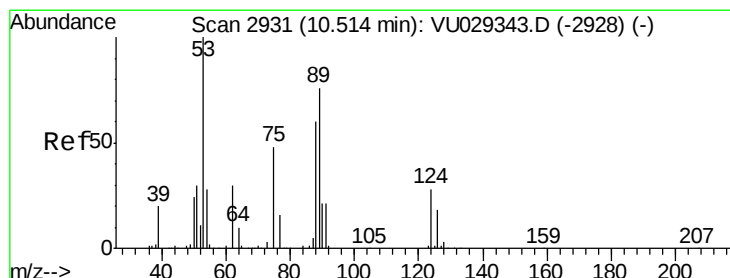
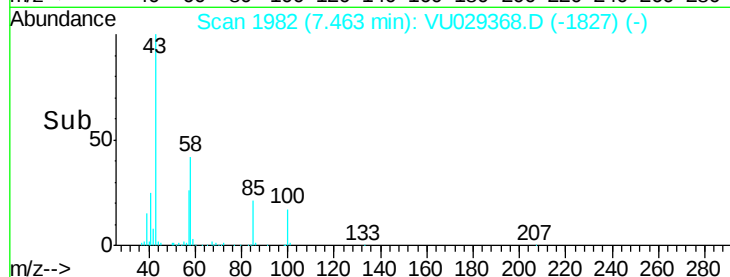
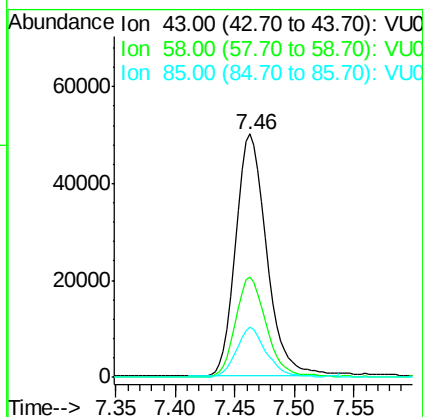
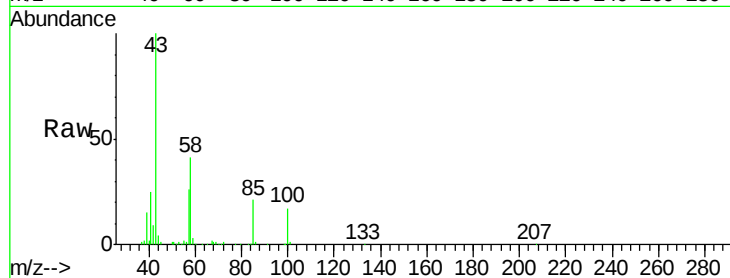
Ion 127.00 (126.70 to 127.70): V





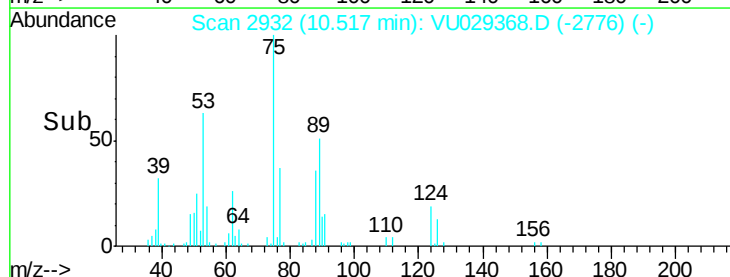
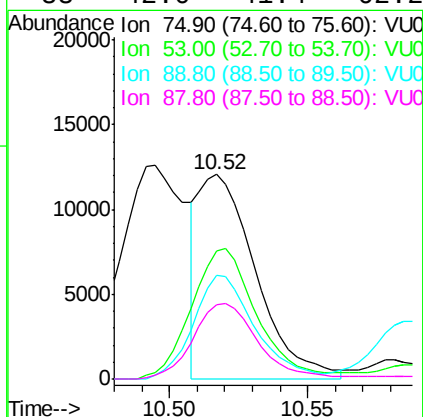
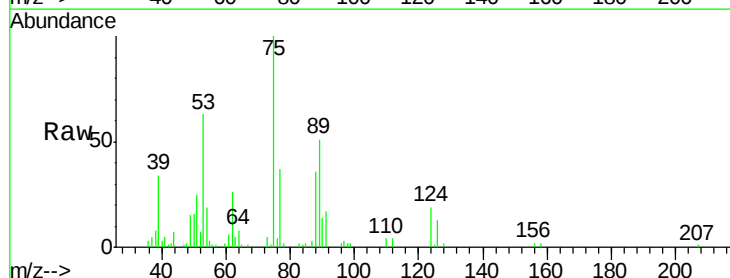
#45
4-Methyl-2-Pentanone
Concen: 8.545 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

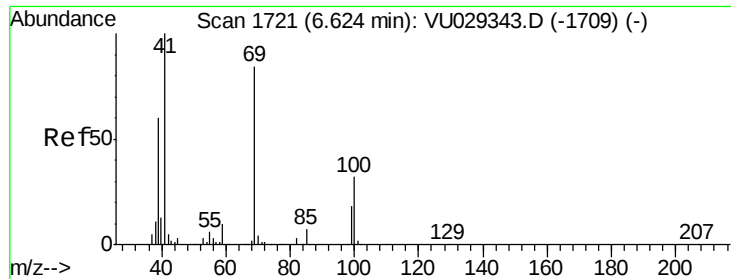
Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	17.6	52.8
85	20.2	12.3	18.5



#46
t-1,4-Dichloro-2-butene
Concen: 3.398 ug/l m
RT: 10.52 min Scan# 2932
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

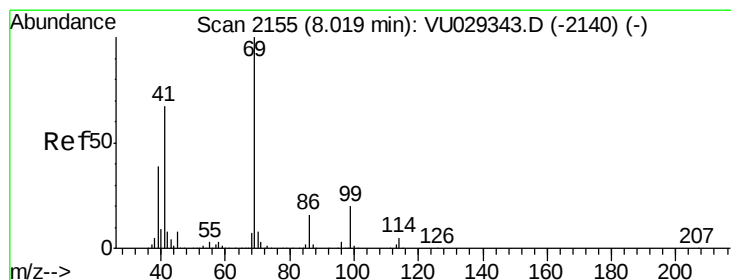
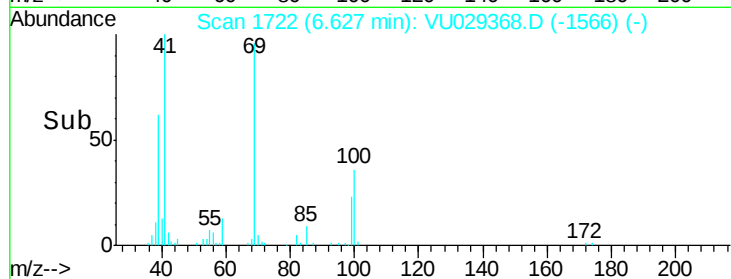
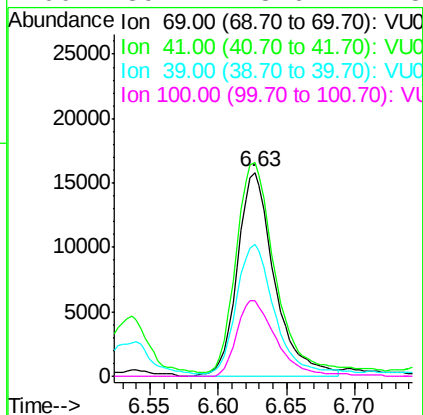
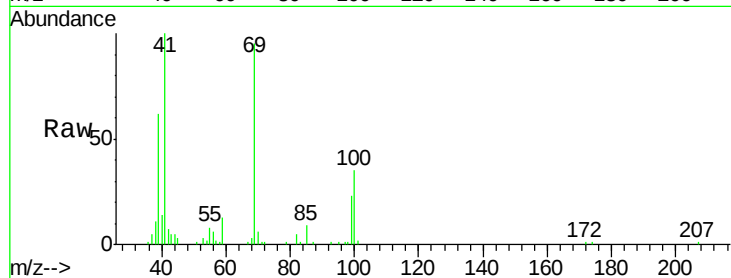
Tgt Ion	Ratio	Lower	Upper
75	100		
53	72.1	78.2	117.4
89	54.4	44.2	66.4
88	42.0	41.4	62.2





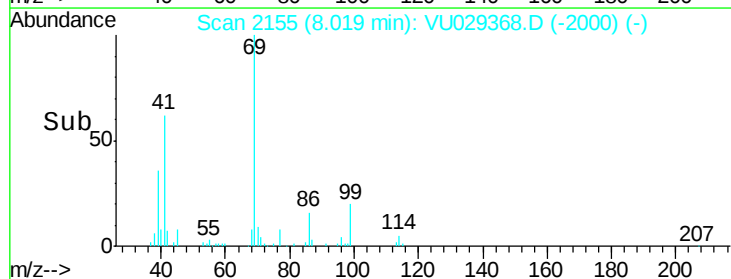
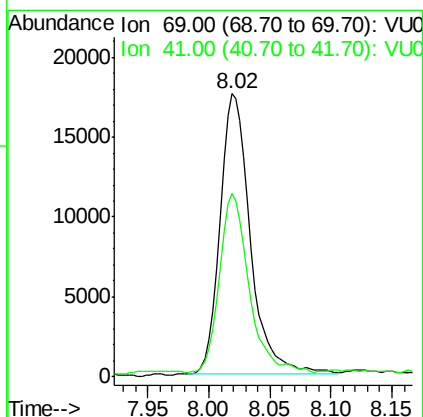
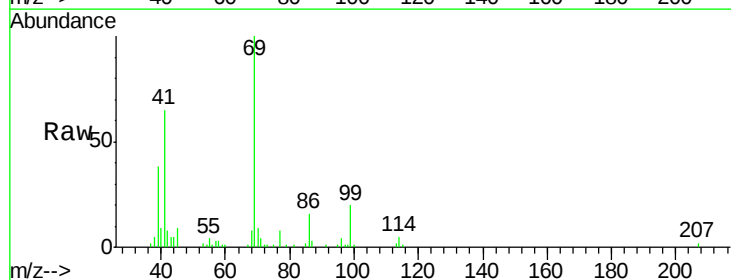
#47
Methyl methacrylate
Concen: 3.771 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

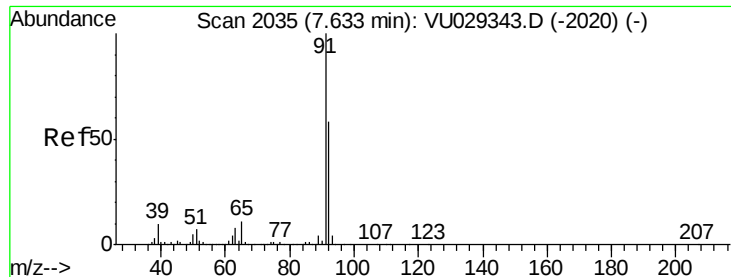
Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	108.5	0.0	296.2	
39	64.6	71.2	106.8	
100	39.4	28.6	42.8	



#48
Ethyl methacrylate
Concen: 1.808 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	62.0	39.9	119.7	





#49

Toluene

Concen: 1.903 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029368.D

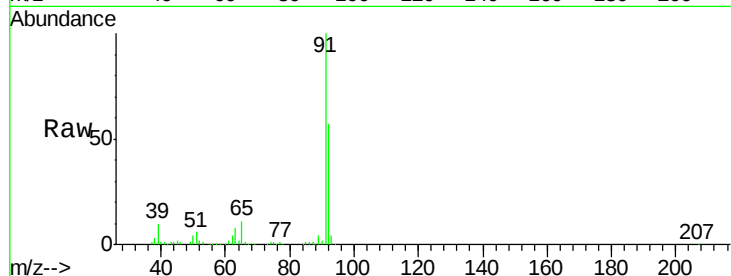
Acq: 07 Feb 2019 13:17

Tot Ion: 92 Resp: 79241

Ion Ratio Lower Upper

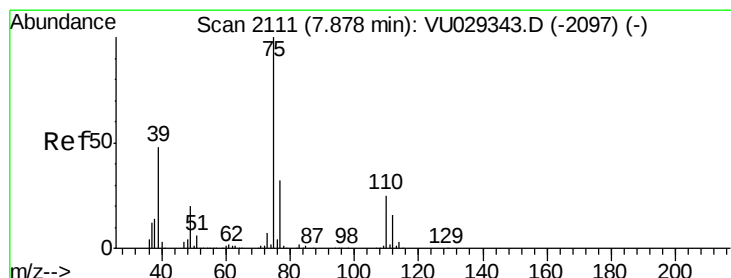
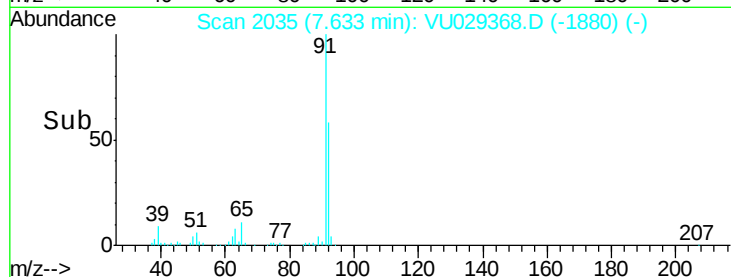
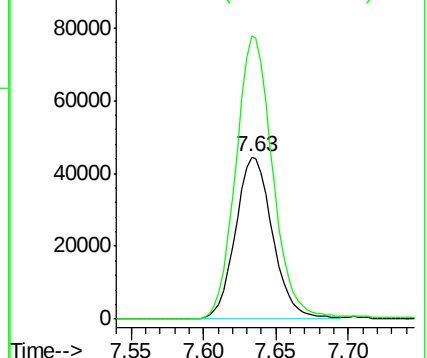
92 100

91 175.8 140.7 211.1



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: 1.837 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029368.D

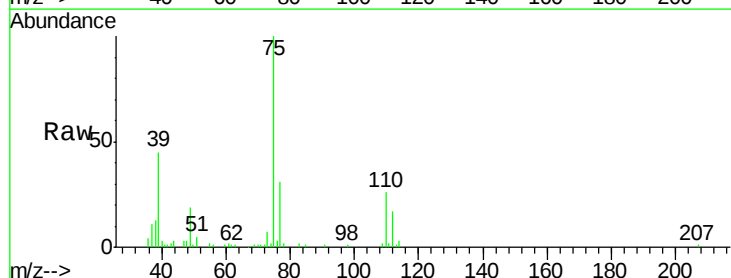
Acq: 07 Feb 2019 13:17

Tgt Ion: 75 Resp: 41399

Ion Ratio Lower Upper

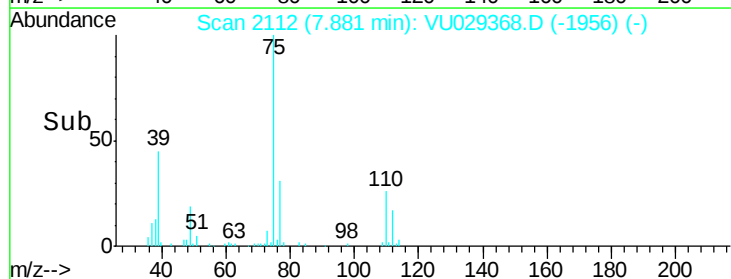
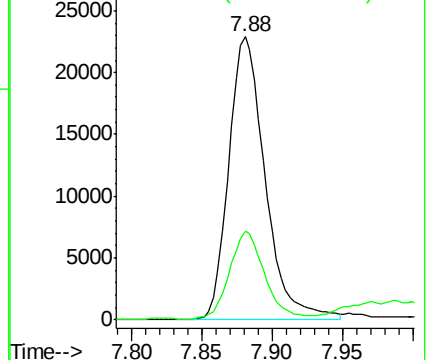
75 100

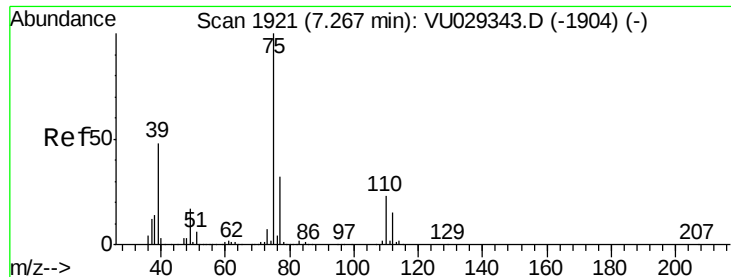
77 31.5 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

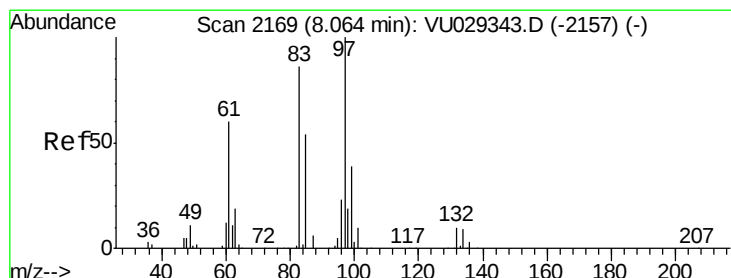
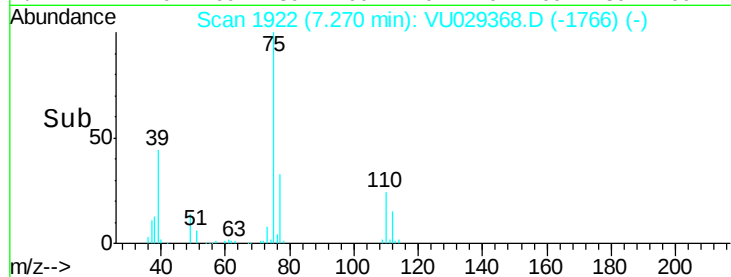
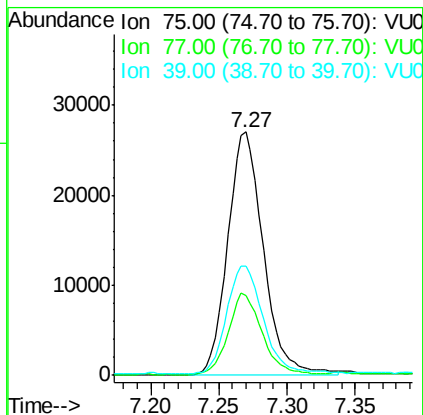
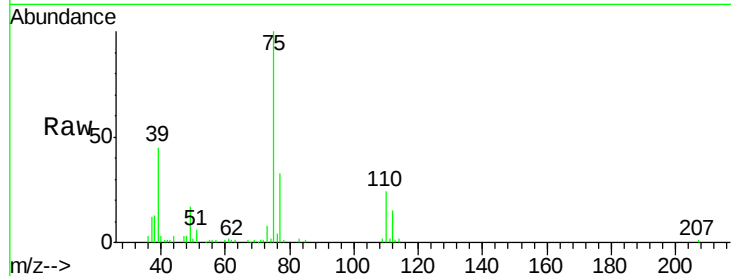




#51

cis-1,3-Dichloropropene
Concen: 1.838 ug/l
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

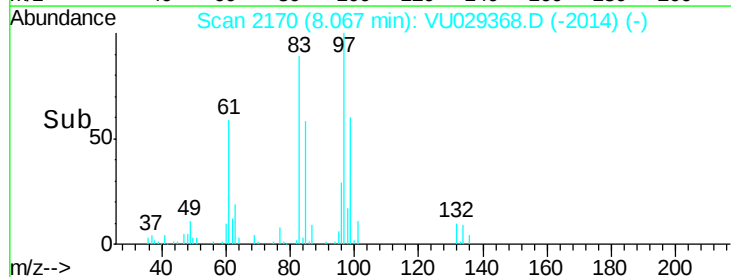
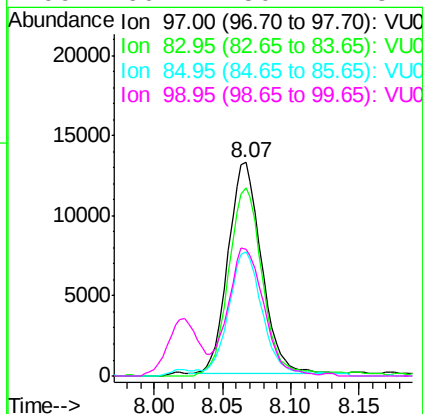
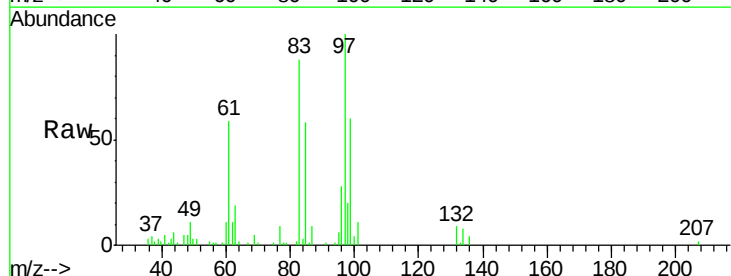
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.9	37.3
39	43.8	47.2	70.8#

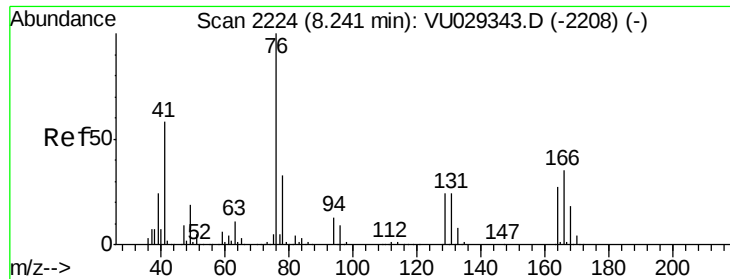


#52

1,1,2-Trichloroethane
Concen: 1.864 ug/l
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	69.9	104.9
85	57.8	45.8	68.6
99	60.4	50.2	75.2





#53

1,3-Dichloropropane

Concen: 1.929 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VU029368.D

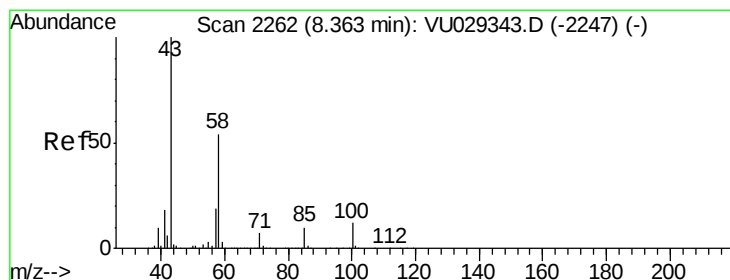
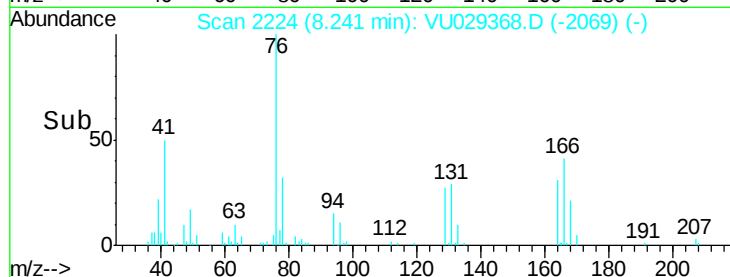
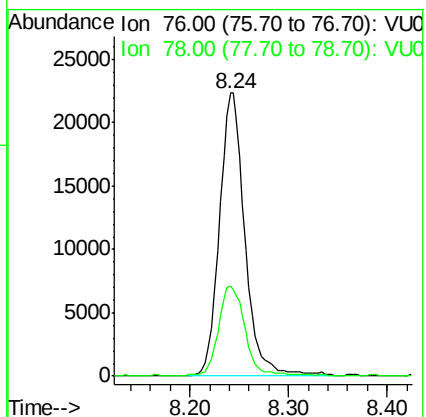
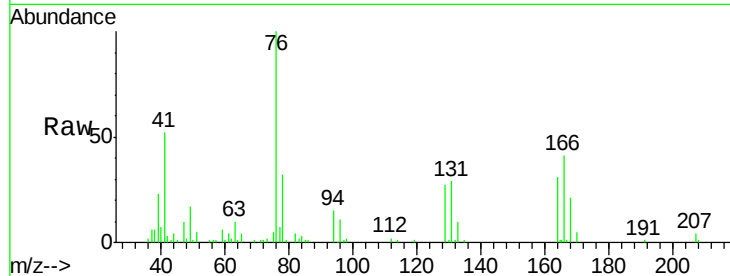
Acq: 07 Feb 2019 13:17

Tot Ion: 76 Resp: 40483

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#54

2-Hexanone

Concen: 8.536 ug/l

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

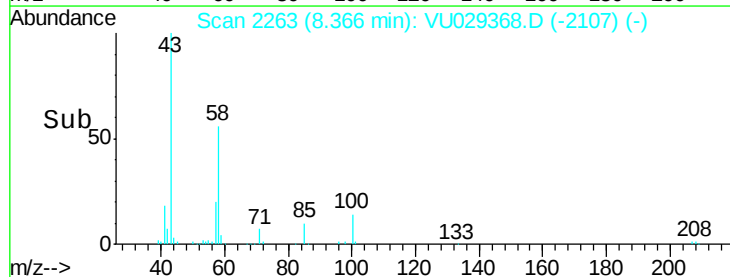
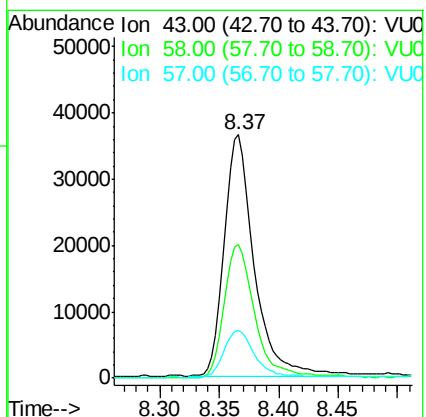
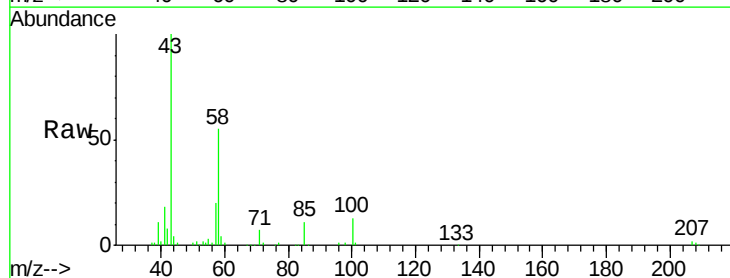
Tgt Ion: 43 Resp: 63288

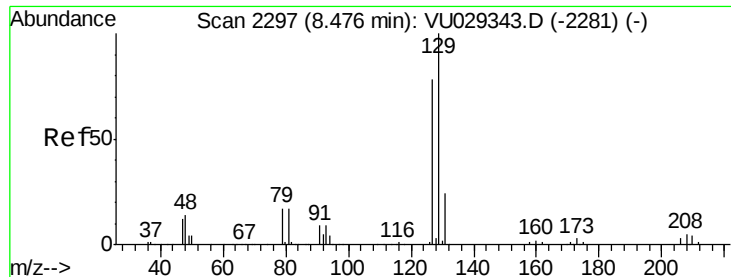
Ion Ratio Lower Upper

43 100

58 56.7 26.0 66.0

57 21.7 0.0 37.7





#55

Dibromochloromethane

Concen: 1.917 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. -0.00 min

Lab File: VU029368.D

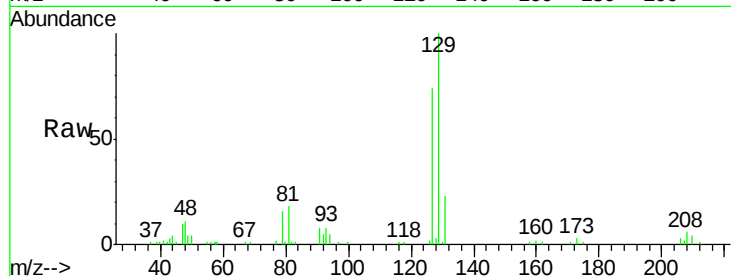
Acq: 07 Feb 2019 13:17

Tot Ion:129 Resp: 32543

Ion Ratio Lower Upper

129 100

127 76.3 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

20000

15000

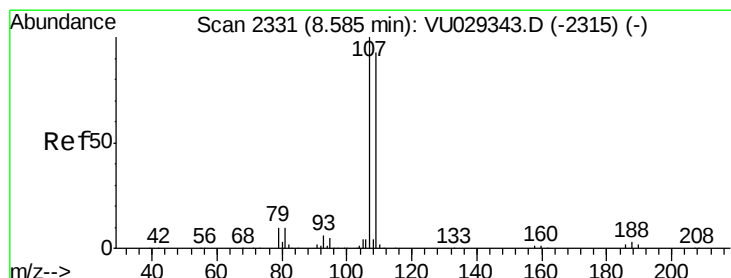
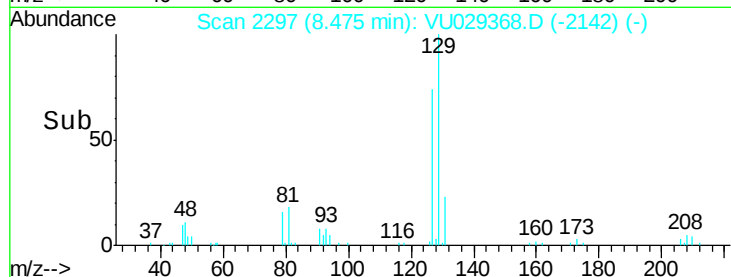
10000

5000

0

8.40 8.45 8.50 8.55

Time-->



#56

1,2-Dibromoethane

Concen: 1.924 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU029368.D

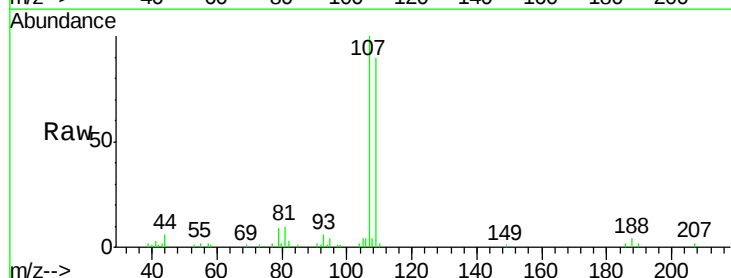
Acq: 07 Feb 2019 13:17

Tgt Ion:107 Resp: 23580

Ion Ratio Lower Upper

107 100

109 93.3 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

15000

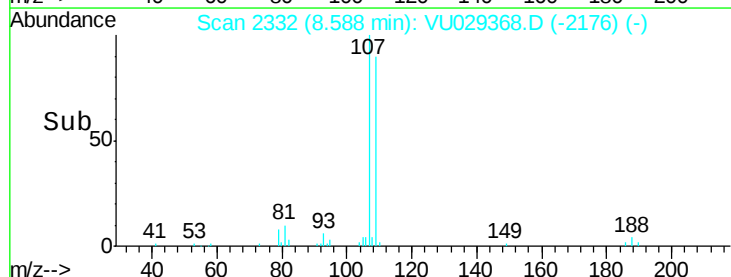
10000

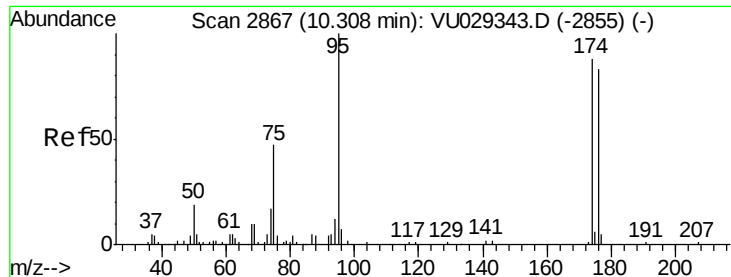
5000

0

8.50 8.55 8.60 8.65

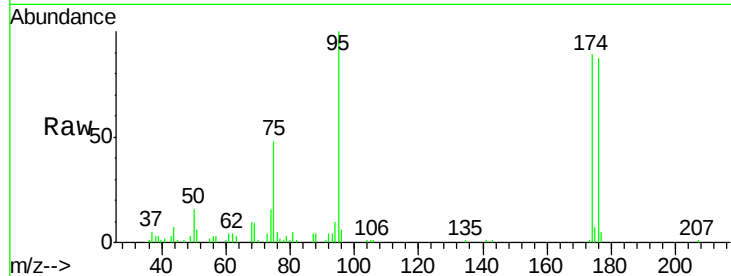
Time-->



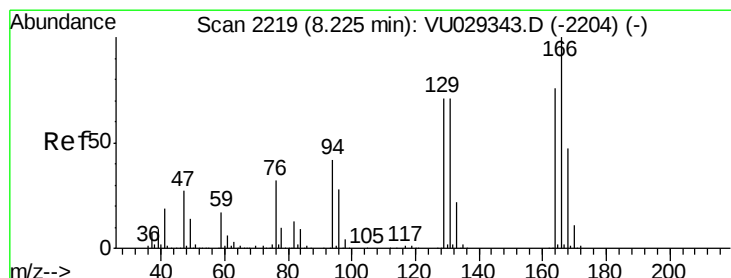
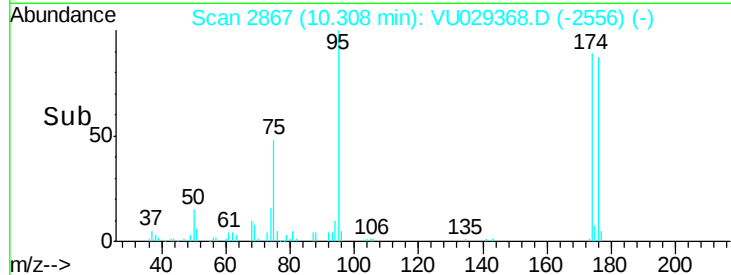
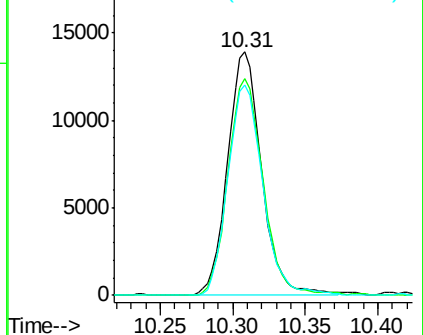


#57
4-Bromofluorobenzene
Concen: 1.924 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tot Ion: 95 Resp: 22644
Ion Ratio Lower Upper
95 100
174 91.7 64.2 96.2
176 88.6 62.3 93.5

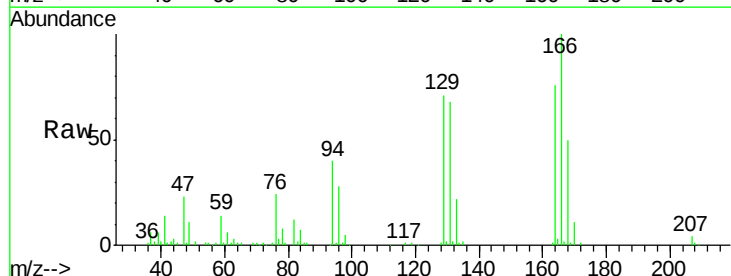


Abundance Ion 95.00 (94.70 to 95.70): VU029368.D (-2556) (-)
Ion 174.00 (173.70 to 174.70): VU029368.D (-2556) (-)
Ion 176.00 (175.70 to 176.70): VU029368.D (-2556) (-)

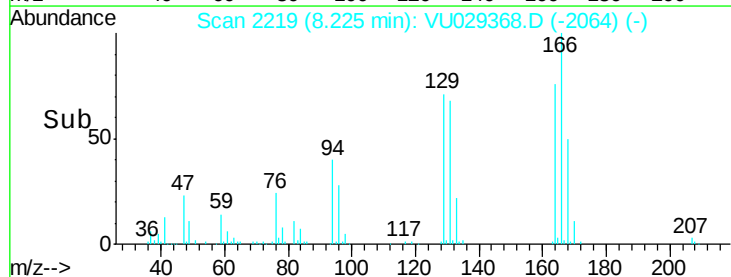
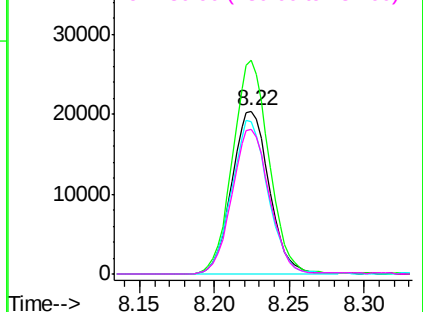


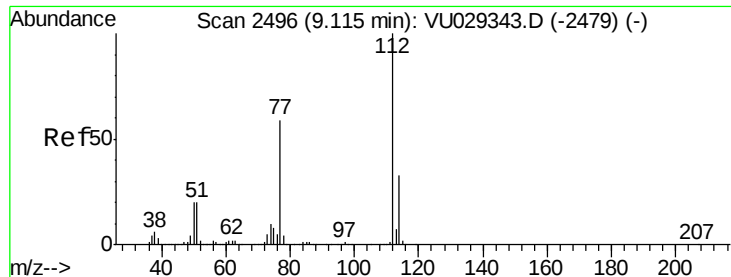
#58
Tetrachloroethene
Concen: 2.041 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion: 164 Resp: 35475
Ion Ratio Lower Upper
164 100
166 131.4 106.6 159.8
129 93.6 79.9 119.9
131 89.1 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029368.D (-2064) (-)
Ion 165.80 (165.50 to 166.50): VU029368.D (-2064) (-)
Ion 128.90 (128.60 to 129.60): VU029368.D (-2064) (-)
Ion 130.90 (130.60 to 131.60): VU029368.D (-2064) (-)





#59

Chlorobenzene

Concen: 1.980 ug/l

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU029368.D

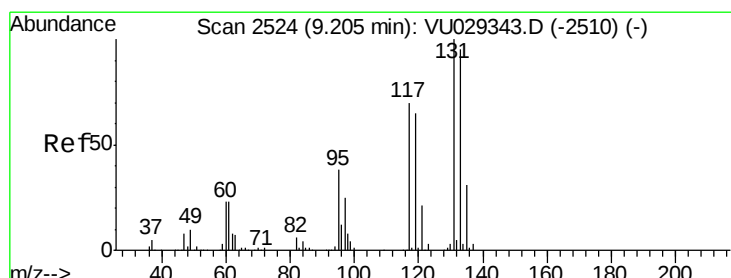
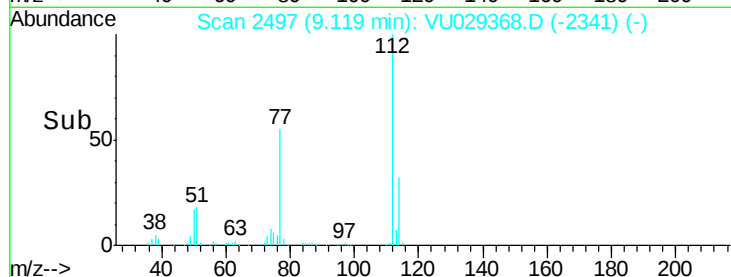
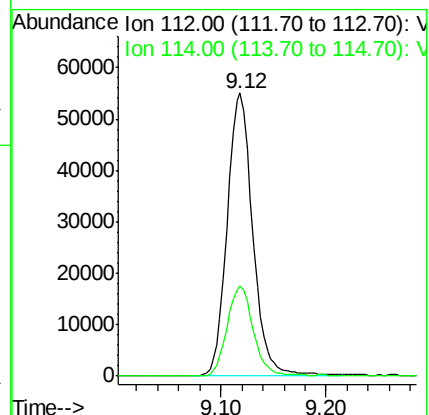
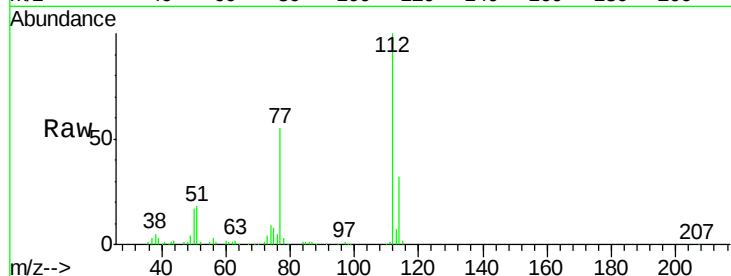
Acq: 07 Feb 2019 13:17

Tot Ion:112 Resp: 92890

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.4



#60

1,1,1,2-Tetrachloroethane

Concen: 2.011 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

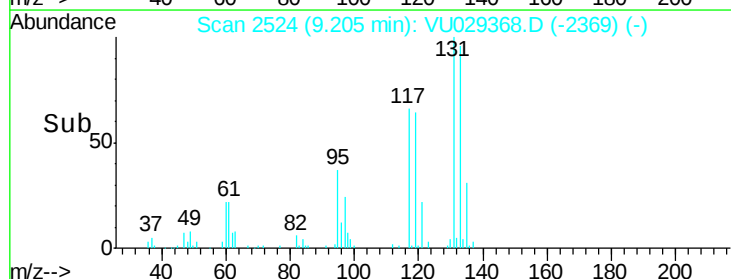
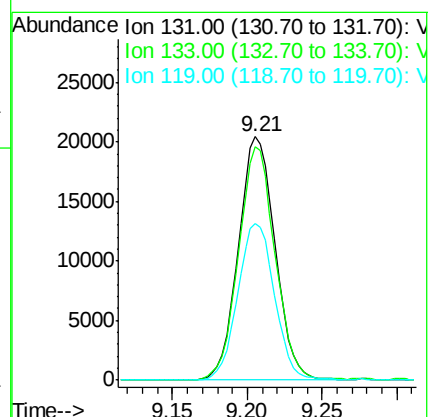
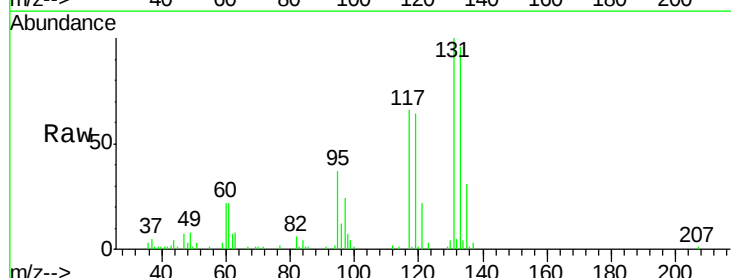
Tgt Ion:131 Resp: 34869

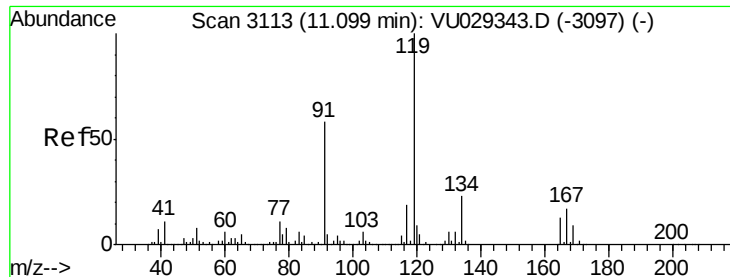
Ion Ratio Lower Upper

131 100

133 95.2 77.3 115.9

119 64.3 48.9 73.3





#61

Pentachloroethane

Concen: 1.931 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029368.D

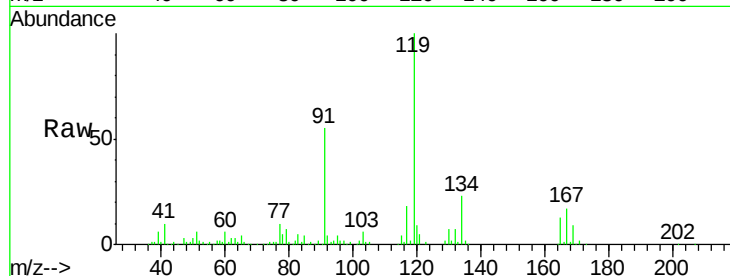
Acq: 07 Feb 2019 13:17

Tot Ion:117 Resp: 25952

Ion Ratio Lower Upper

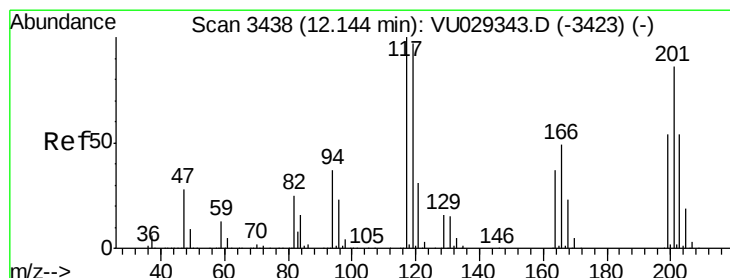
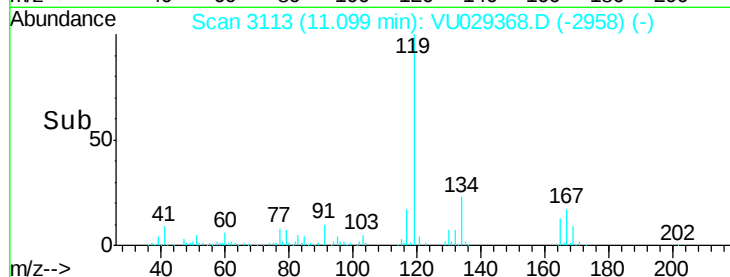
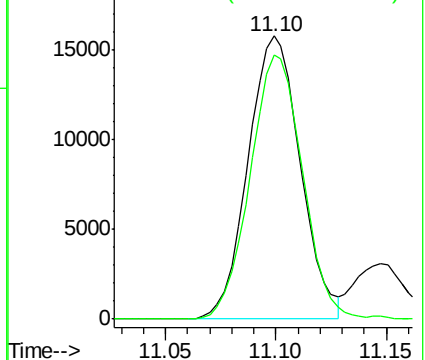
117 100

167 93.6 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.886 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. -0.00 min

Lab File: VU029368.D

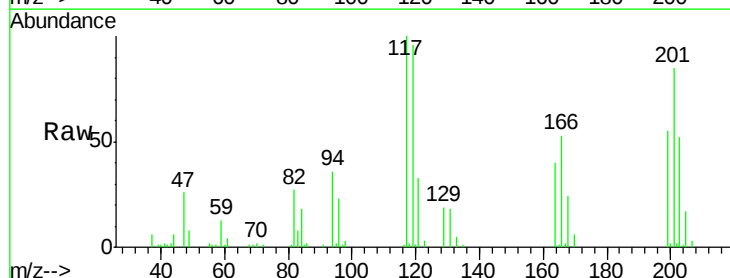
Acq: 07 Feb 2019 13:17

Tgt Ion:117 Resp: 27655

Ion Ratio Lower Upper

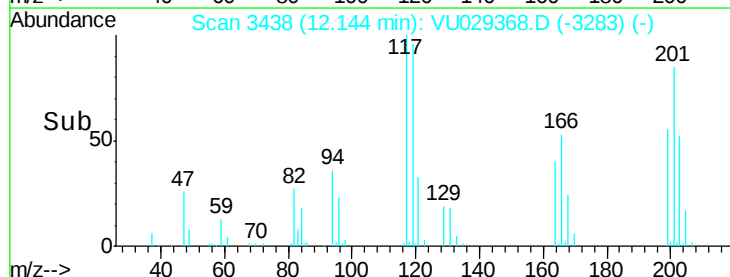
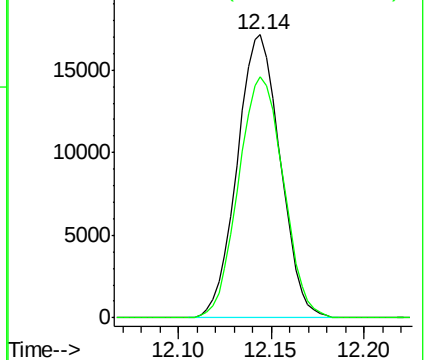
117 100

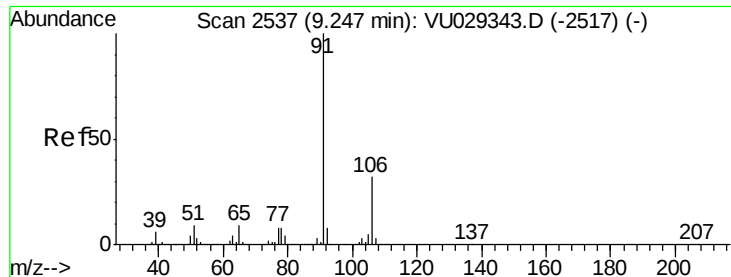
201 88.7 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

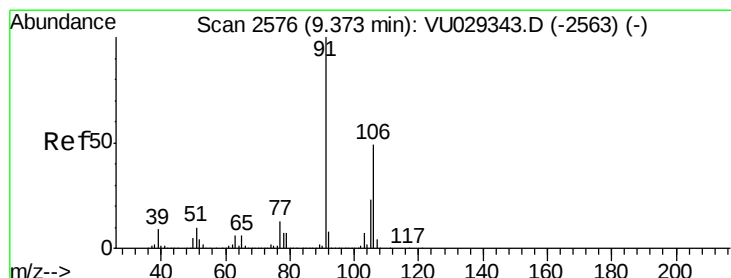
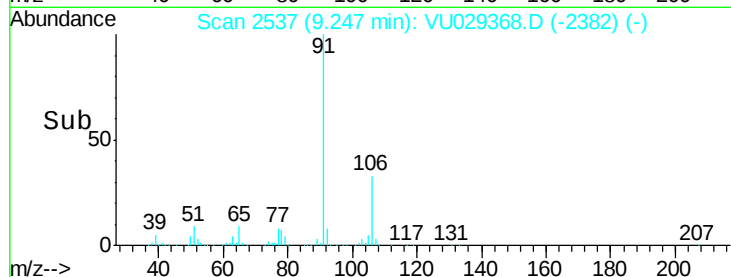
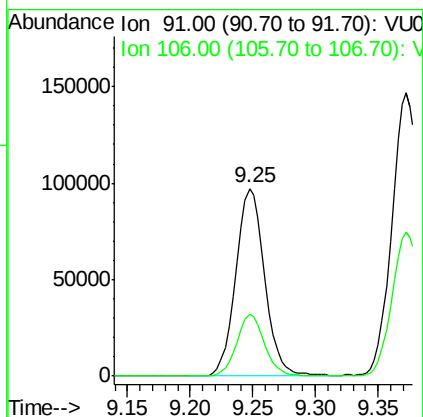
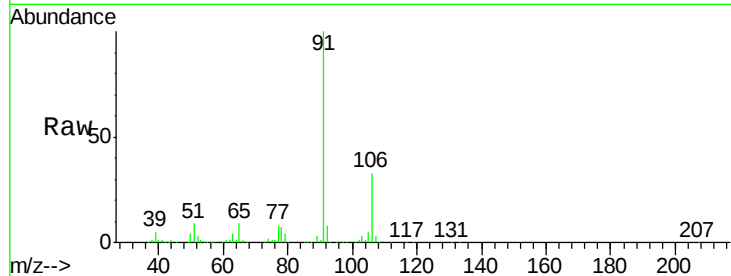
Ion 200.60 (200.30 to 201.30): V





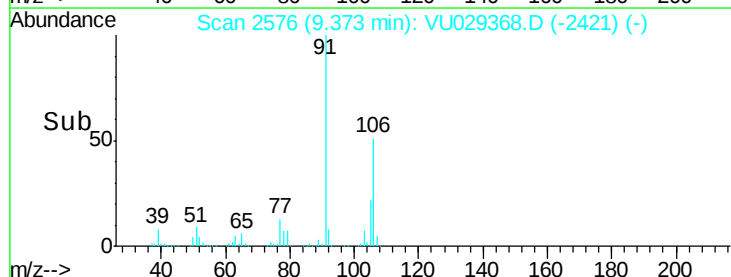
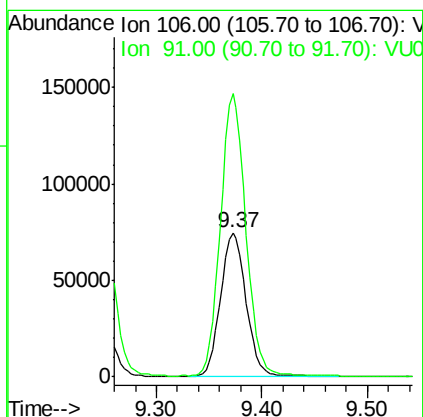
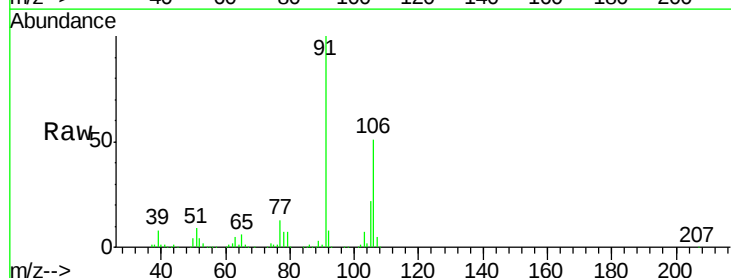
#63
Ethyl Benzene
Concen: 1.914 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

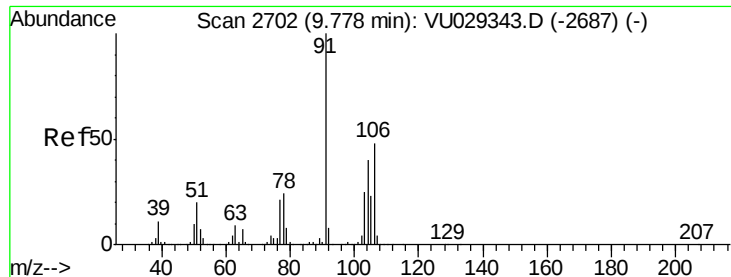
Tot Ion: 91 Resp: 155972
Ion Ratio Lower Upper
91 100
106 32.8 23.8 35.6



#64
m/p-Xylenes
Concen: 3.930 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

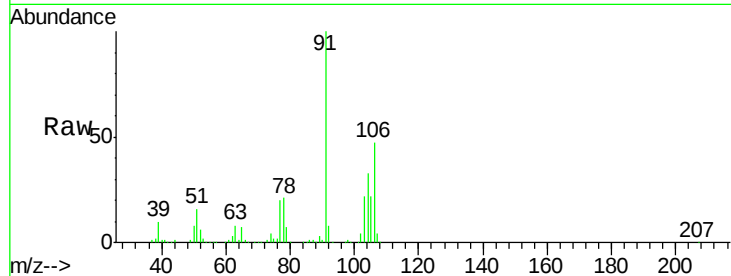
Tgt Ion: 106 Resp: 124453
Ion Ratio Lower Upper
106 100
91 194.7 174.6 261.8



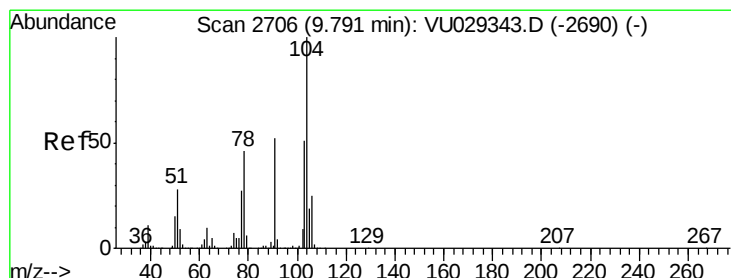
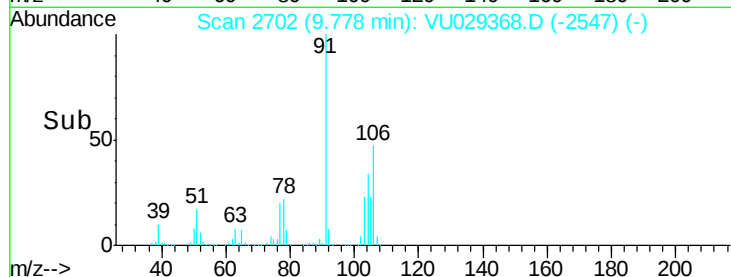
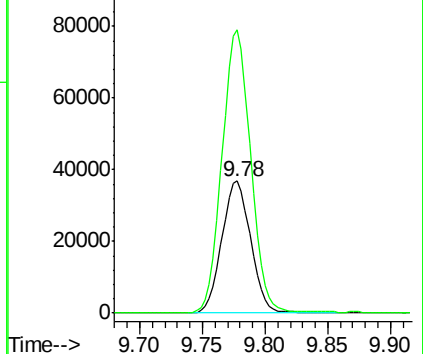


#65
o-Xylene
Concen: 1.900 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tot Ion:106 Resp: 59055
Ion Ratio Lower Upper
106 100
91 212.9 114.5 343.4

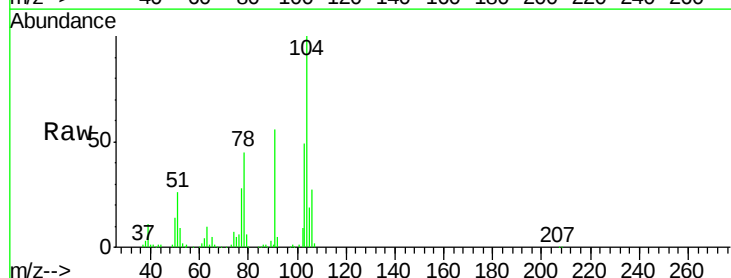


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

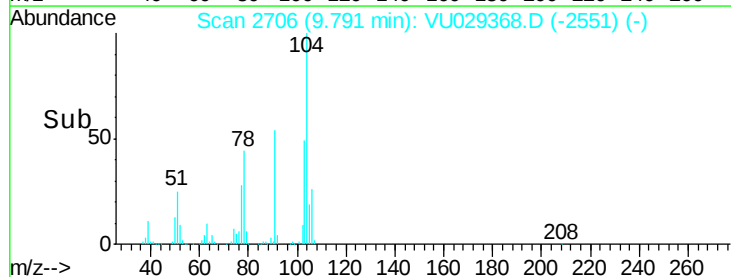
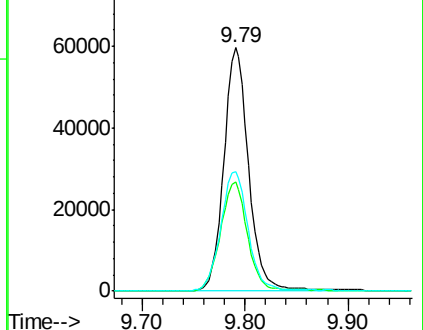


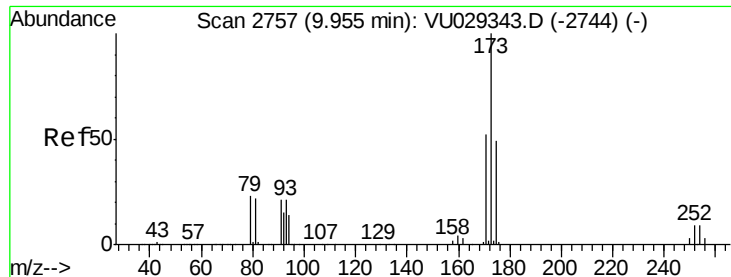
#66
Styrene
Concen: 1.927 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VU029368.D
Acq: 07 Feb 2019 13:17

Tgt Ion:104 Resp: 99830
Ion Ratio Lower Upper
104 100
78 49.1 46.5 69.7
103 54.1 44.7 67.1



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





#67

Bromoform

Concen: 1.922 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

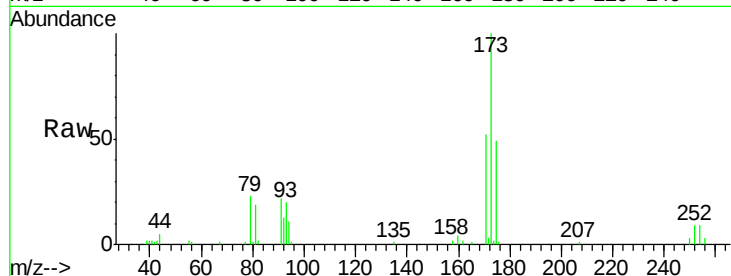
Tot Ion:173 Resp: 20305

Ion Ratio Lower Upper

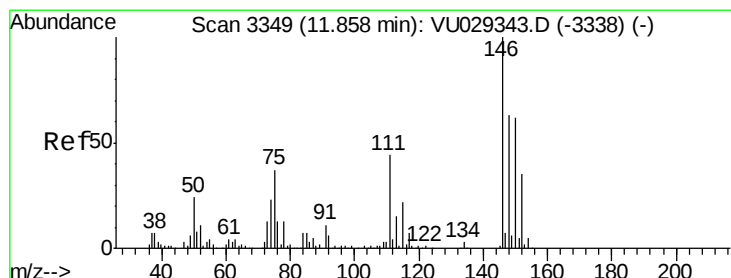
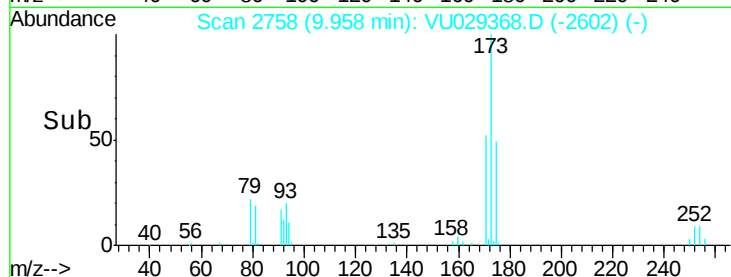
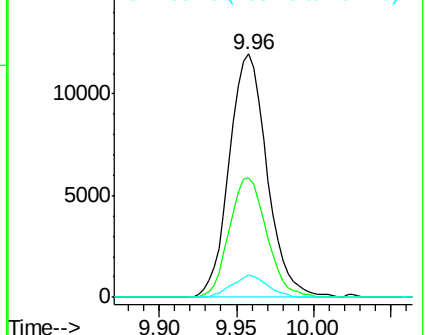
173 100

175 48.5 38.9 58.3

254 8.5 7.4 11.2



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



#68

1,2-Dichlorobenzene-d4

Concen: 1.922 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

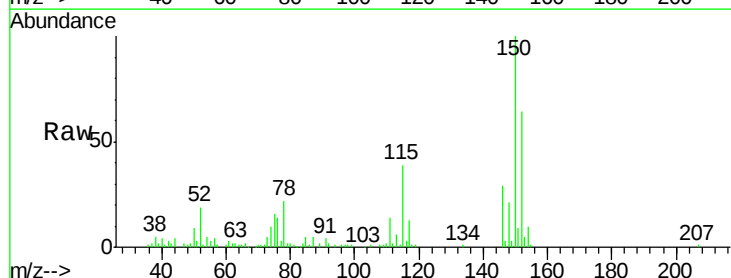
Tgt Ion:152 Resp: 24323

Ion Ratio Lower Upper

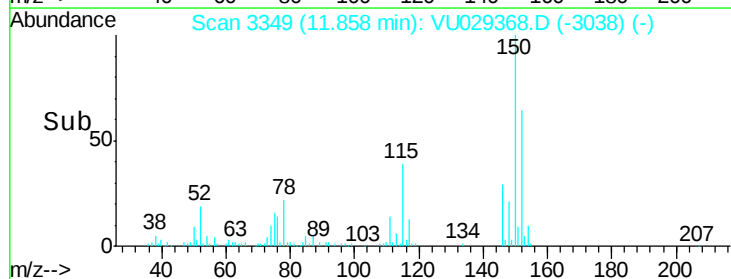
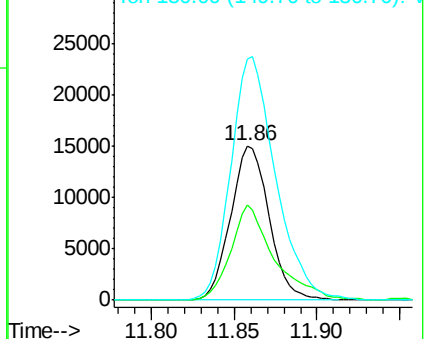
152 100

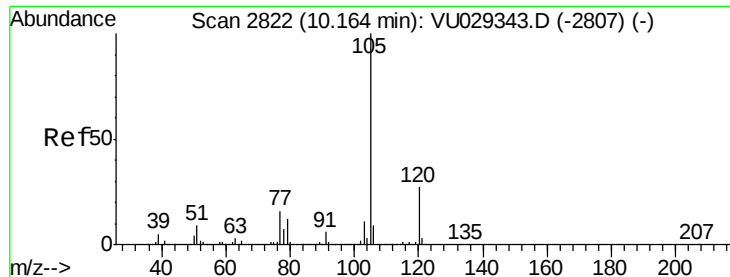
115 69.7 0.0 133.4

150 183.7 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: 1.941 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029368.D

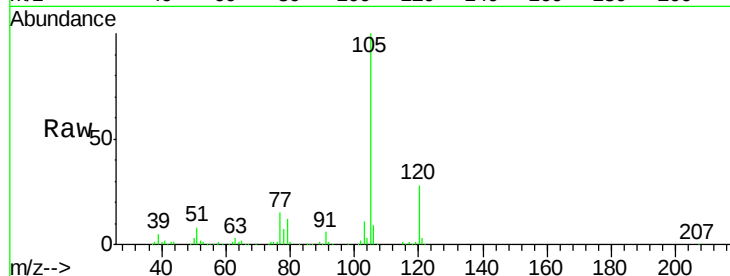
Acq: 07 Feb 2019 13:17

Tot Ion: 105 Resp: 161142

Ion Ratio Lower Upper

105 100

120 27.5 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

40000

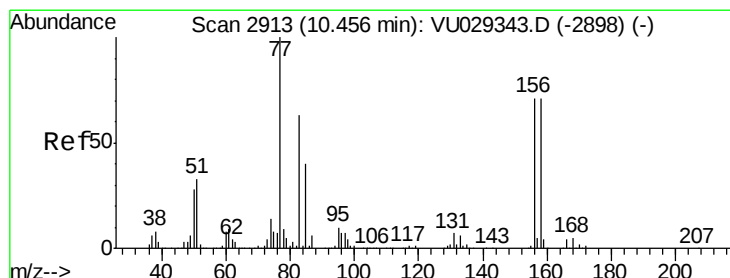
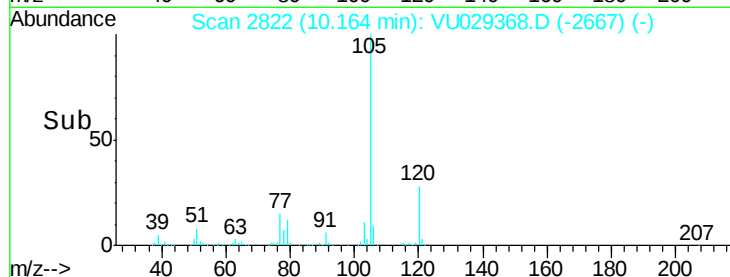
20000

0

10.10

10.20

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 1.918 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

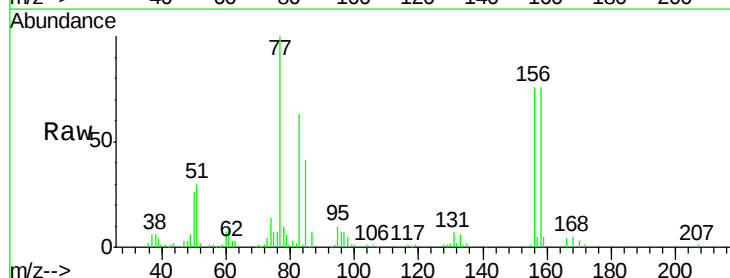
Tgt Ion: 83 Resp: 29366

Ion Ratio Lower Upper

83 100

131 11.0 8.1 12.1

85 65.2 50.3 75.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

25000

20000

15000

10000

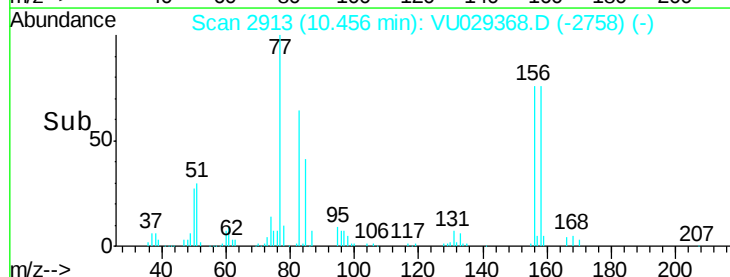
5000

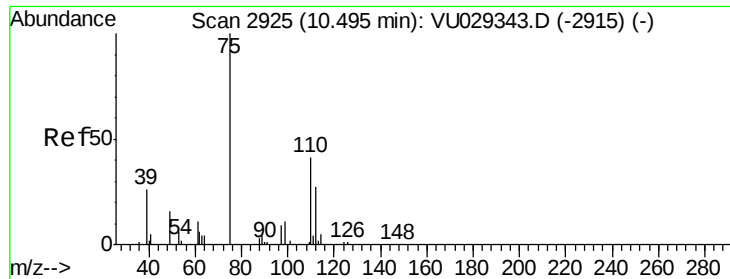
0

10.40

10.50

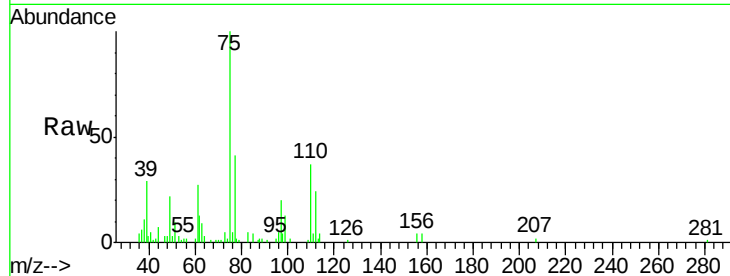
Time-->



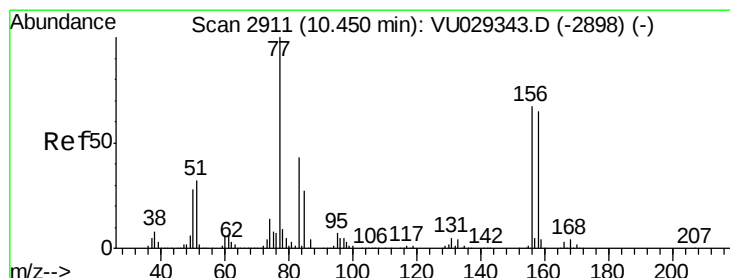
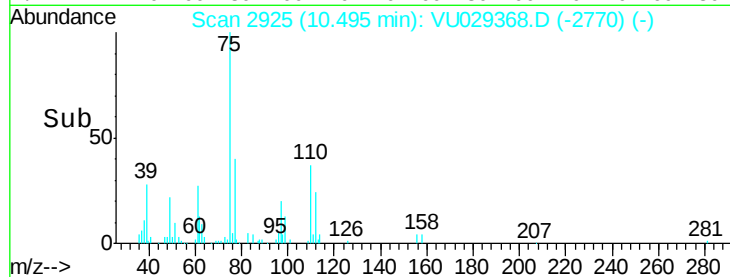
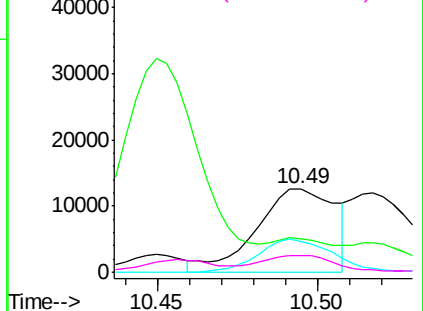


#71
 1,2,3-Trichloropropane
 Concen: 2.055 ug/l m
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion:	75	Resp:	21611
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	37.1	0.0	63.6
97	20.0	0.0	31.4

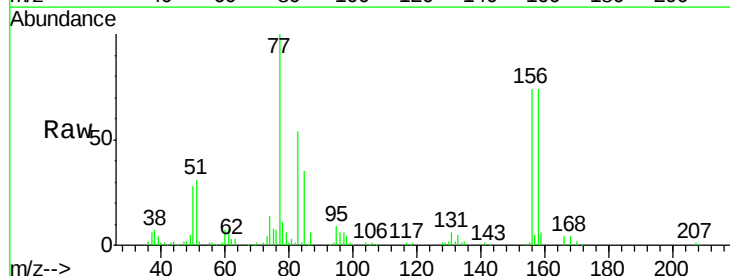


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

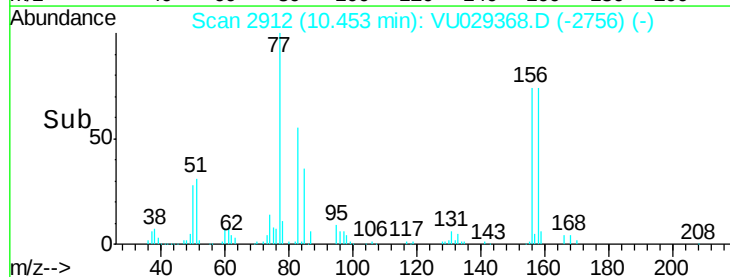
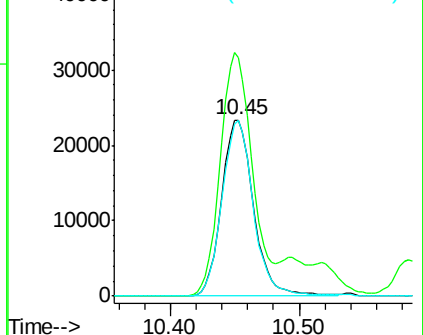


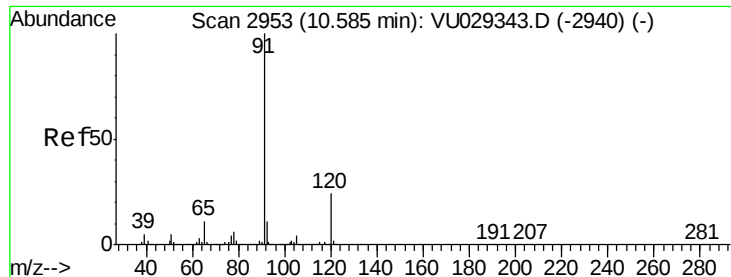
#72
 Bromobenzene
 Concen: 1.991 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:	156	Resp:	40078
Ion	Ratio	Lower	Upper
156	100		
77	139.4	0.0	343.8
158	97.7	0.0	195.0



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 1.948 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029368.D

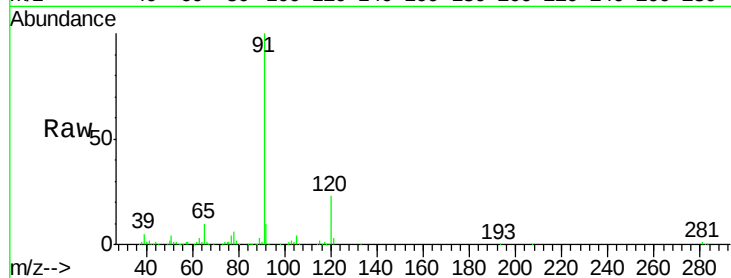
Acq: 07 Feb 2019 13:17

Tot Ion:120 Resp: 45061

Ion Ratio Lower Upper

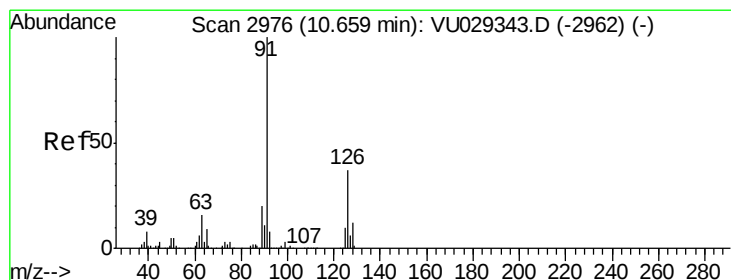
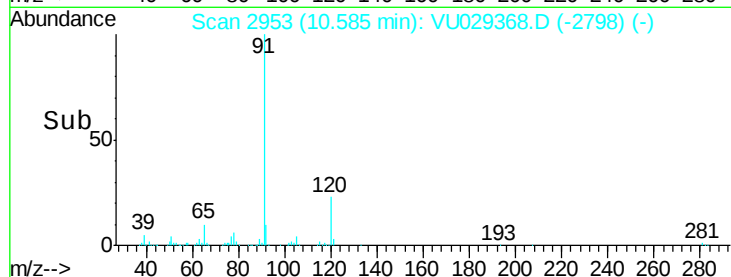
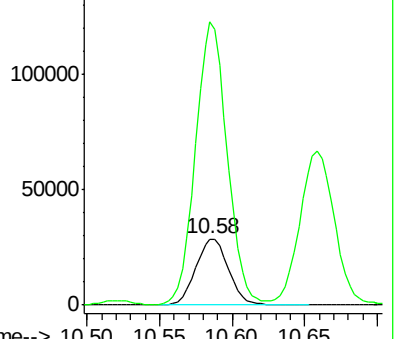
120 100

91 410.0 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.992 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. -0.00 min

Lab File: VU029368.D

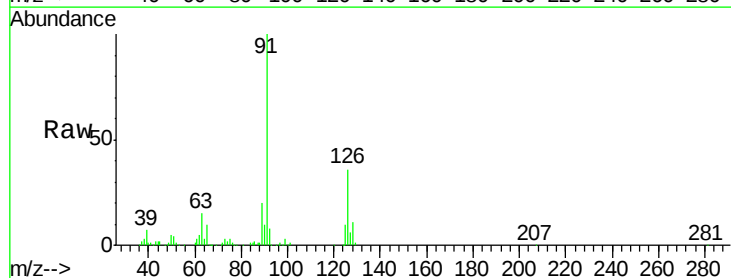
Acq: 07 Feb 2019 13:17

Tgt Ion:126 Resp: 39229

Ion Ratio Lower Upper

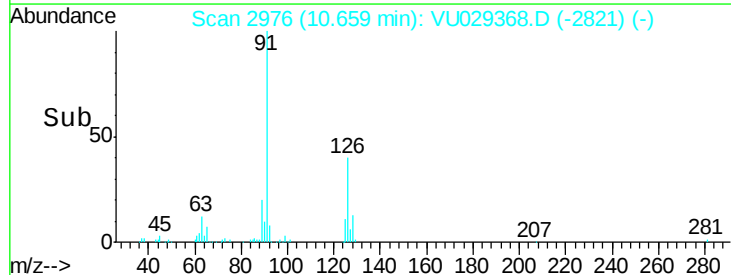
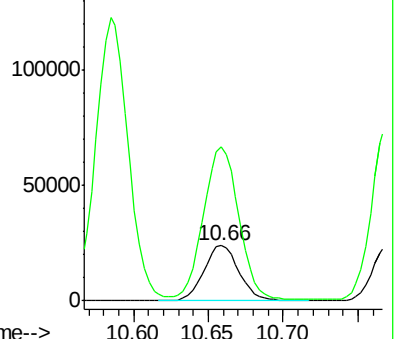
126 100

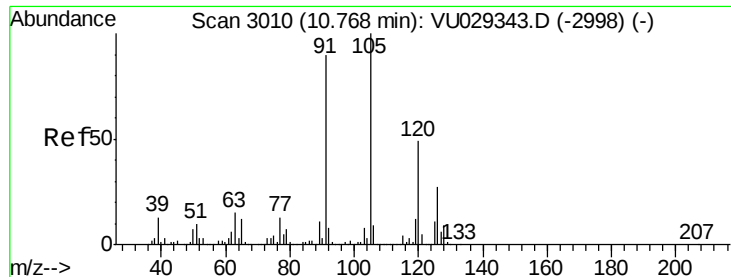
91 277.7 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.903 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029368.D

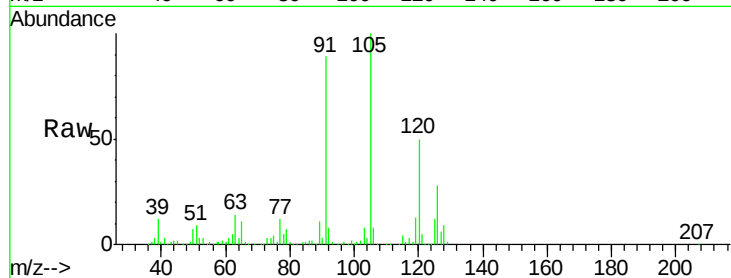
Acq: 07 Feb 2019 13:17

Tot Ion:105 Resp: 136261

Ion Ratio Lower Upper

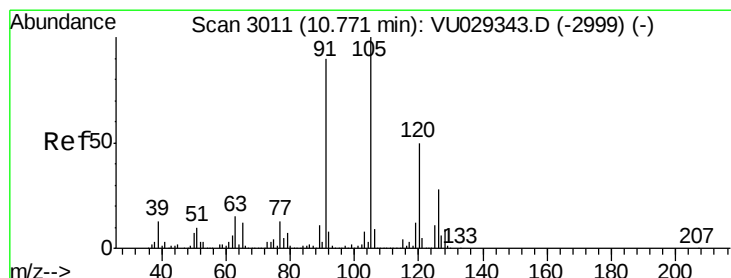
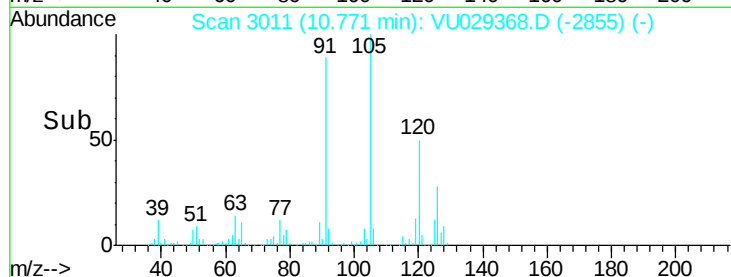
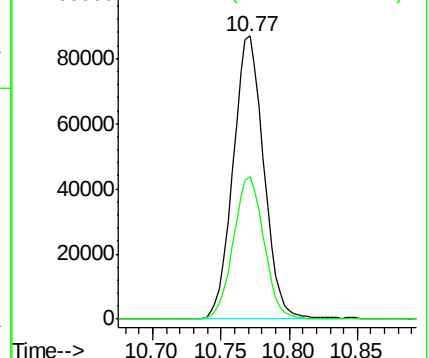
105 100

120 49.9 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.892 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. -0.00 min

Lab File: VU029368.D

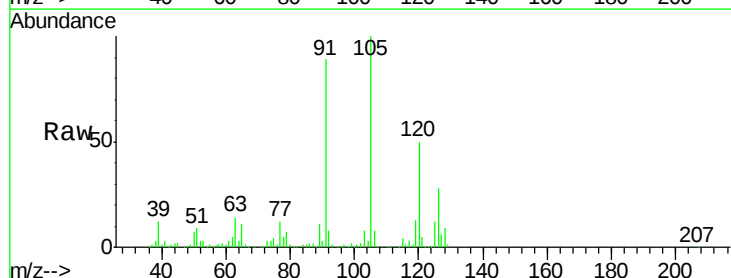
Acq: 07 Feb 2019 13:17

Tgt Ion:126 Resp: 38665

Ion Ratio Lower Upper

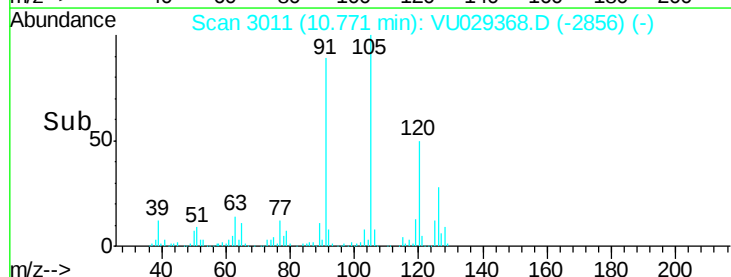
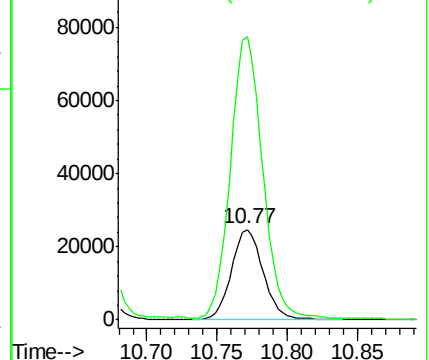
126 100

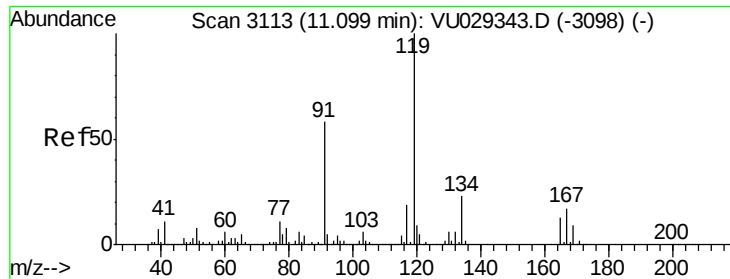
91 316.8 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.950 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

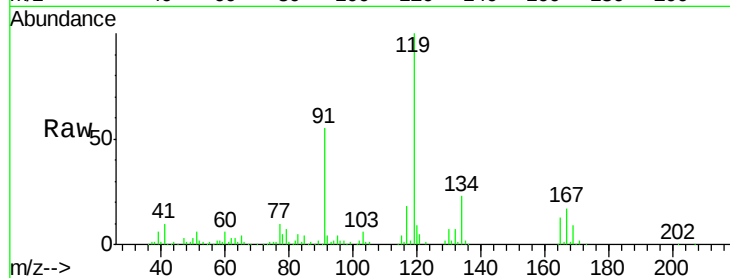
Tot Ion:119 Resp: 137985

Ion	Ratio	Lower	Upper
119	100		
91	55.8	32.2	96.6
134	23.7	17.6	26.4

119 100

91 55.8 32.2 96.6

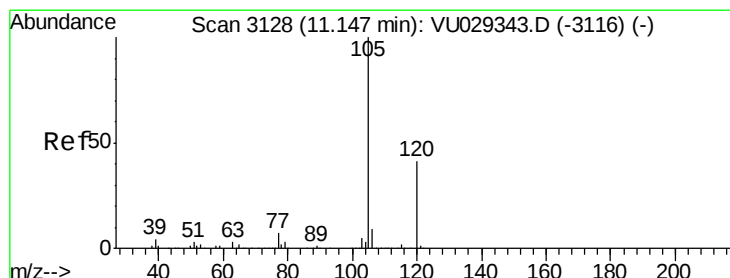
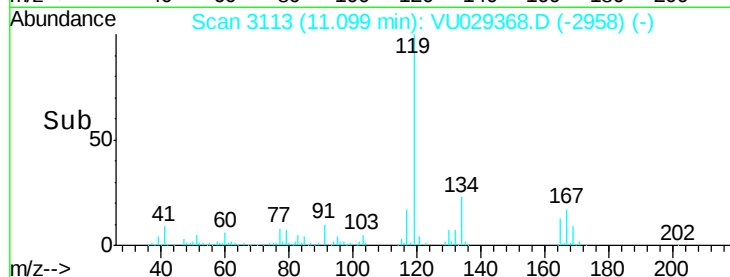
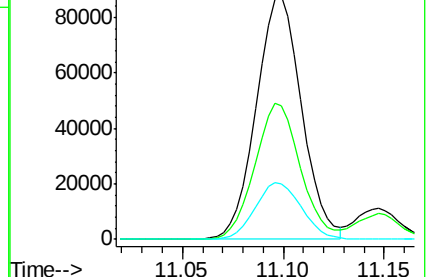
134 23.7 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.888 ug/l

RT: 11.15 min Scan# 3128

Delta R.T. -0.00 min

Lab File: VU029368.D

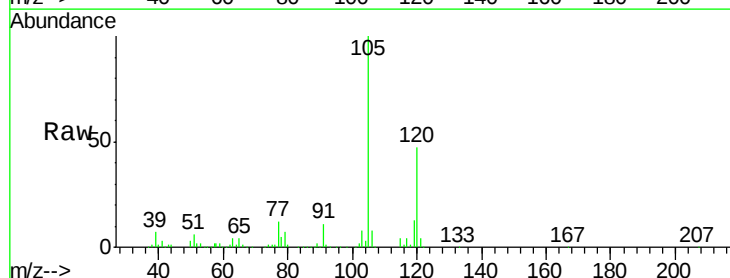
Acq: 07 Feb 2019 13:17

Tgt Ion:105 Resp: 136827

Ion	Ratio	Lower	Upper
105	100		
120	47.5	21.4	64.3

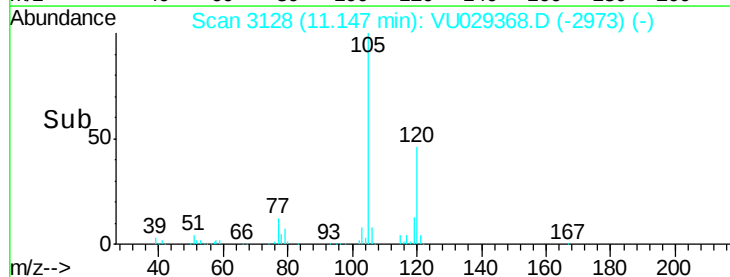
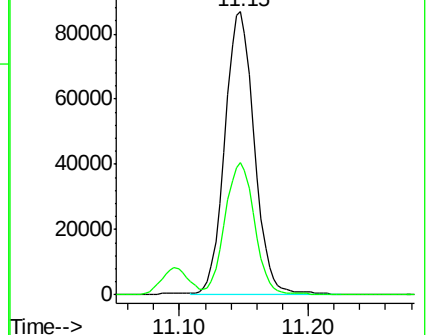
105 100

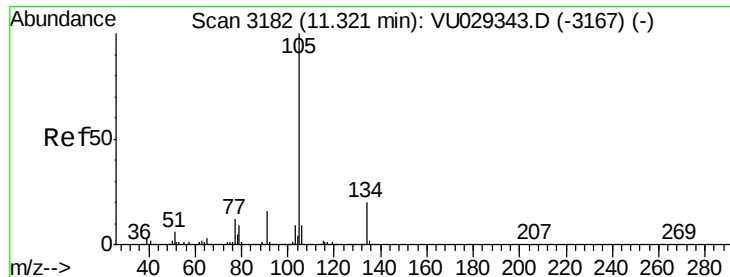
120 47.5 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.899 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029368.D

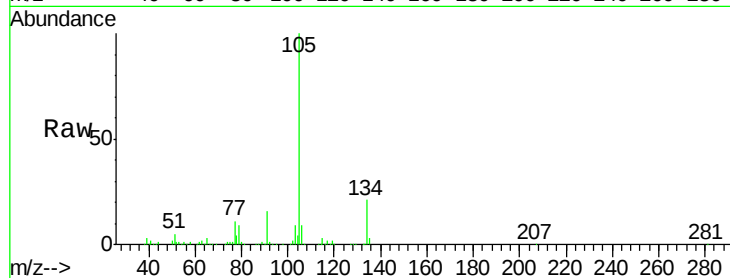
Acq: 07 Feb 2019 13:17

Tot Ion:105 Resp: 175817

Ion Ratio Lower Upper

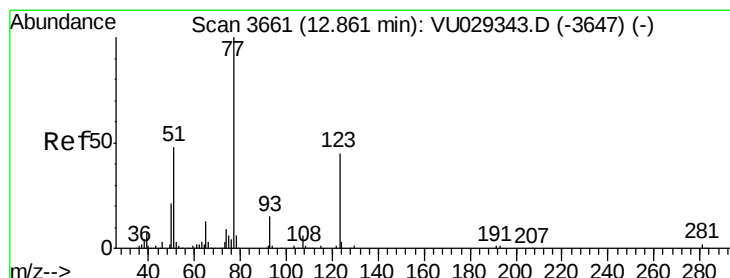
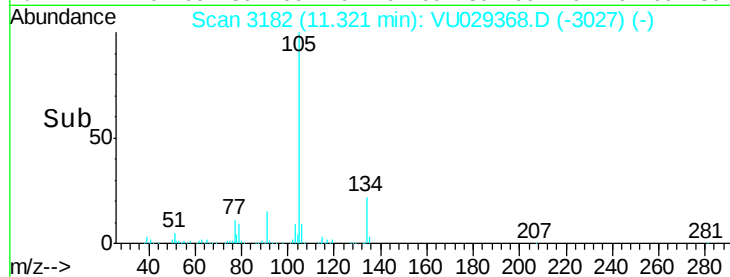
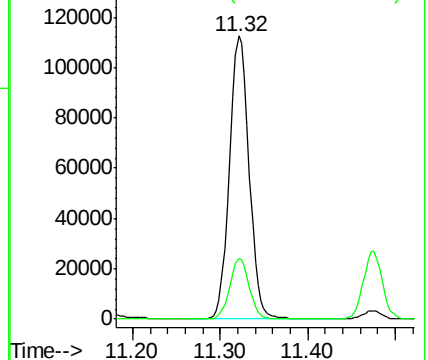
105 100

134 21.1 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 4.896 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

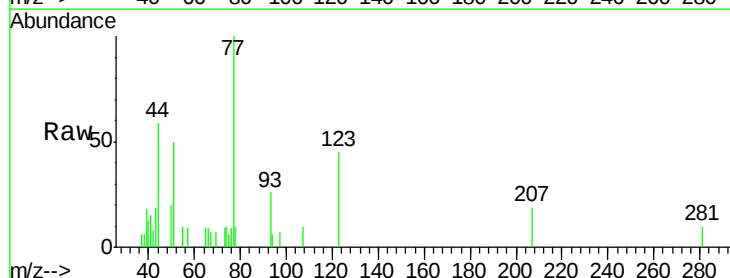
Tgt Ion: 77 Resp: 3340

Ion Ratio Lower Upper

77 100

123 52.2 17.5 61.9

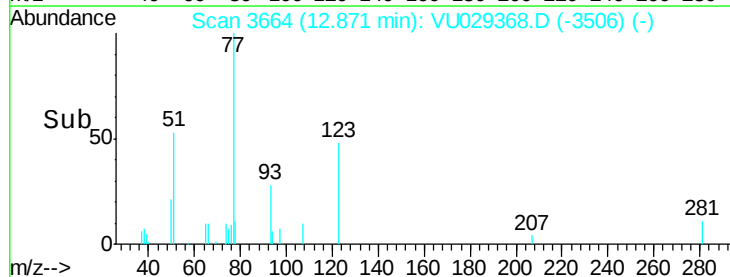
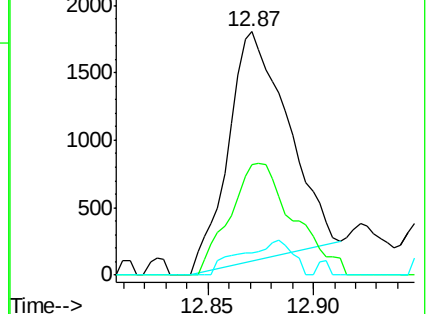
65 12.9 10.8 13.8

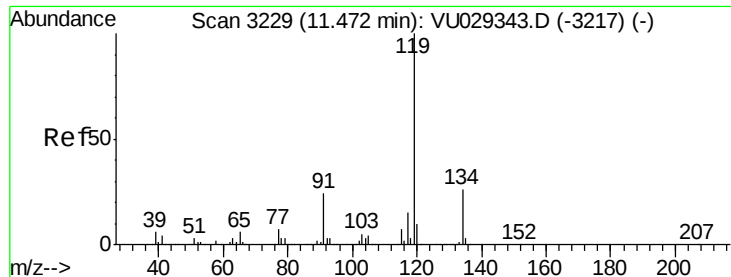


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

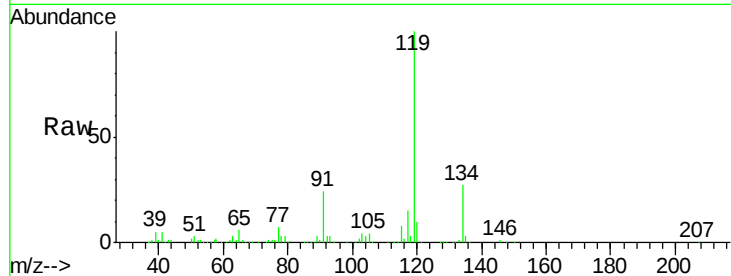
Ion 65.00 (64.70 to 65.70): VU0



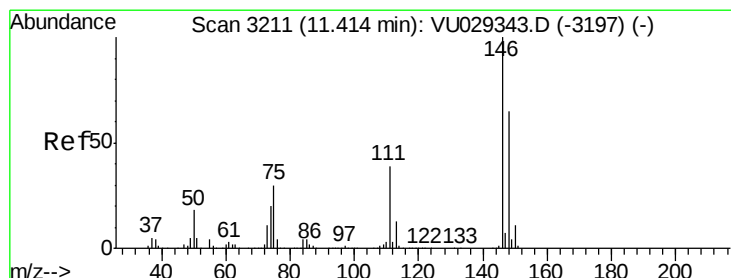
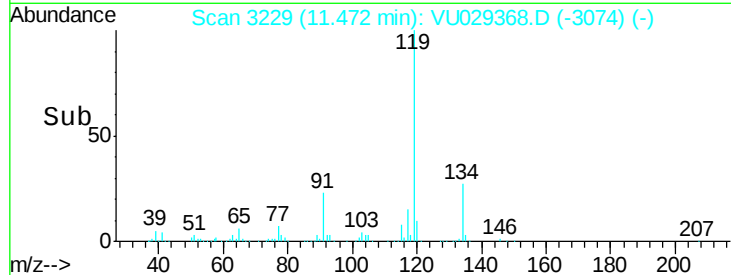
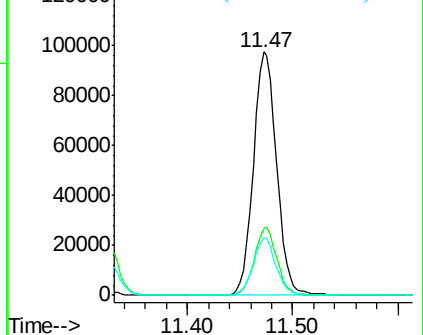


#81
 p-Isopropyltoluene
 Concen: 1.919 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	19.8	29.6
91	23.3	21.5	32.3

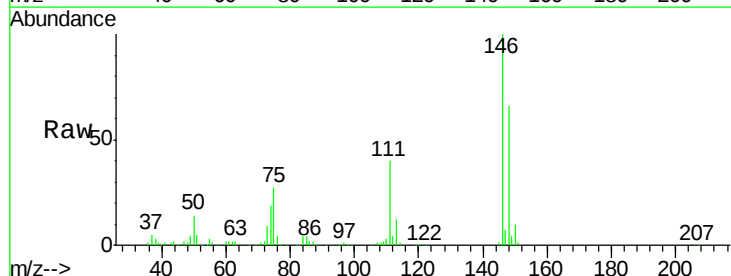


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

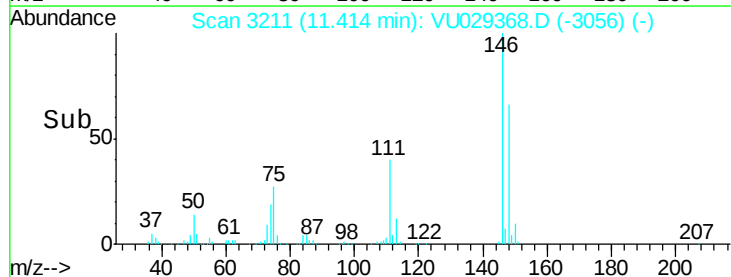
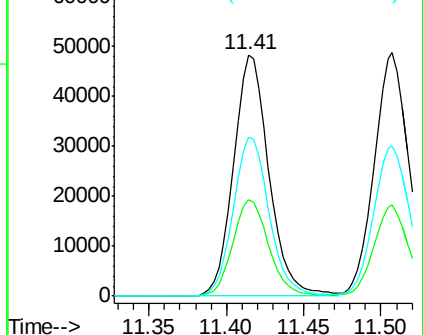


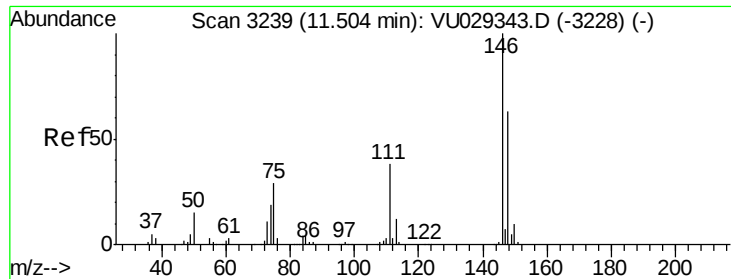
#82
 1,3-Dichlorobenzene
 Concen: 1.946 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	34.1	51.1
148	66.5	52.3	78.5



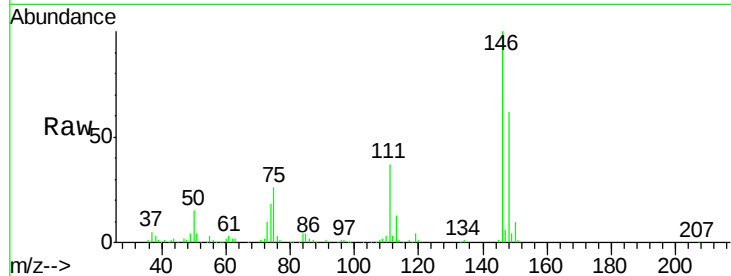
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



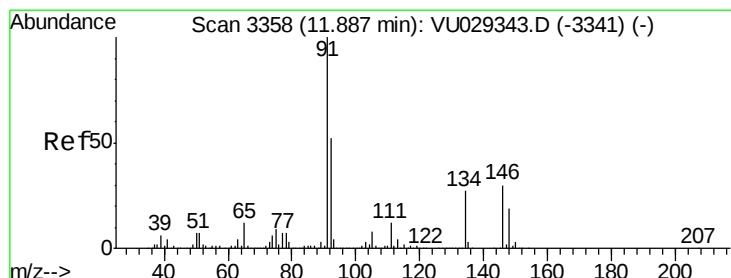
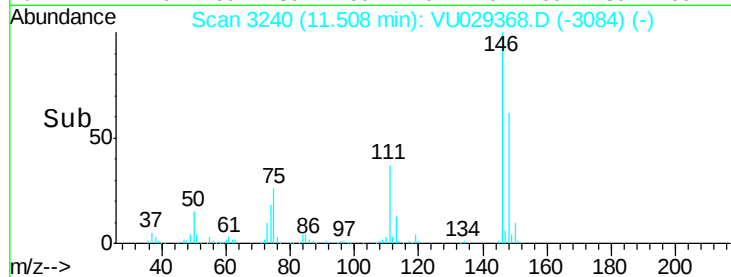
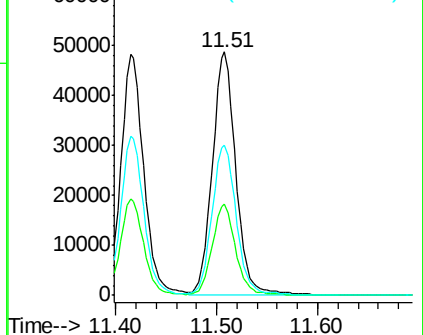


#83
 1,4-Dichlorobenzene
 Concen: 2.020 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion:146 Resp: 79456
 Ion Ratio Lower Upper
 146 100
 111 37.2 32.9 49.3
 148 62.8 51.8 77.6

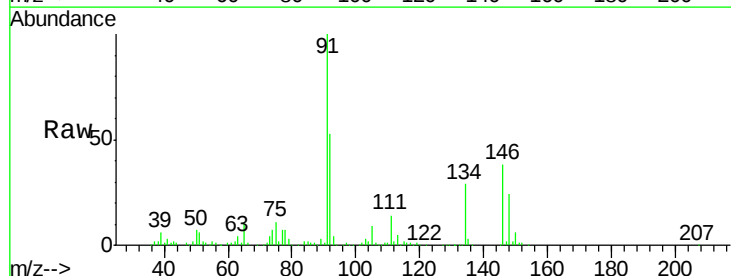


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

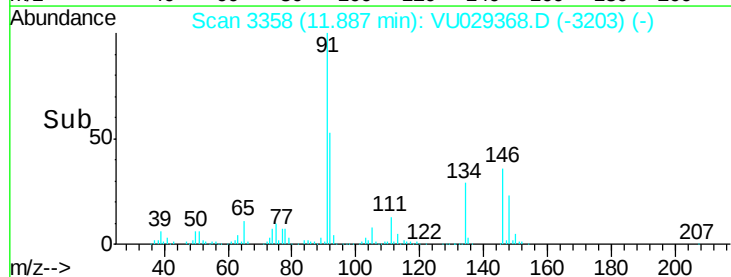
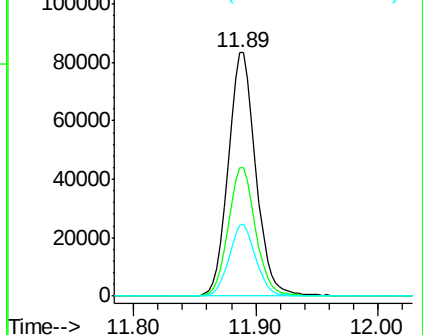


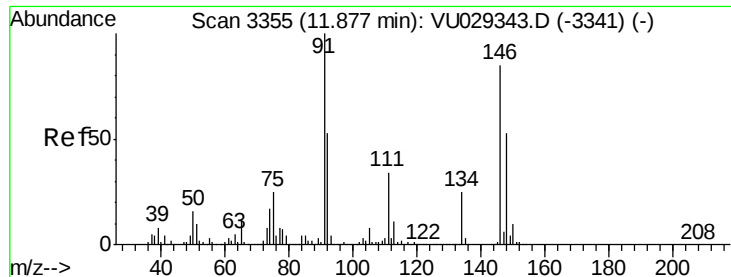
#84
 n-Butylbenzene
 Concen: 1.834 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion: 91 Resp: 132088
 Ion Ratio Lower Upper
 91 100
 92 52.2 41.0 61.6
 134 28.5 19.1 28.7



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.936 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

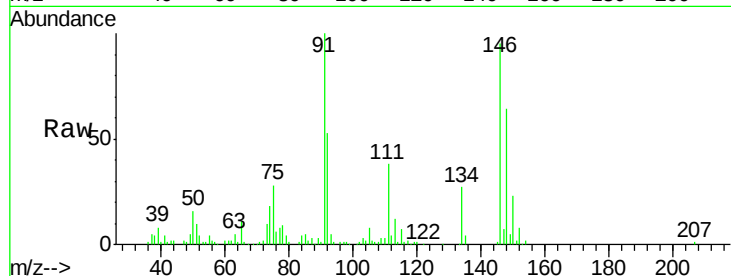
Tot Ion:146 Resp: 72274

Ion Ratio Lower Upper

146 100

111 40.1 21.9 65.8

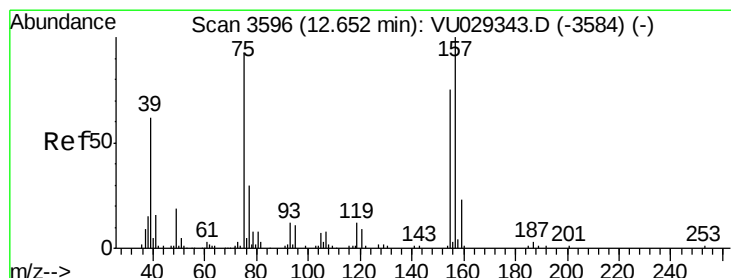
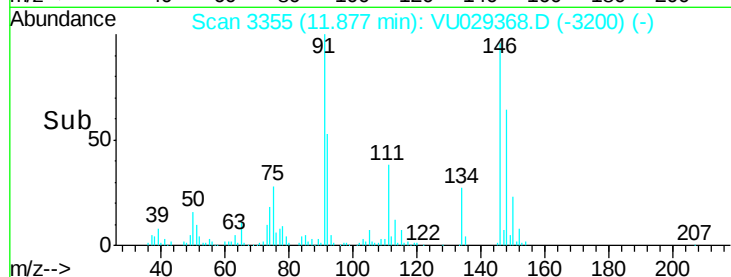
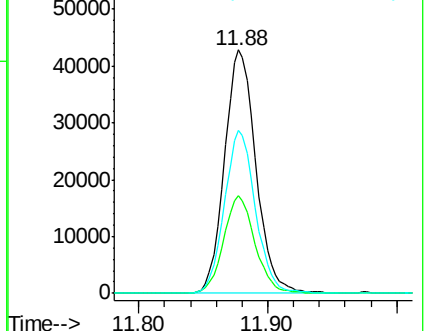
148 66.0 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.676 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

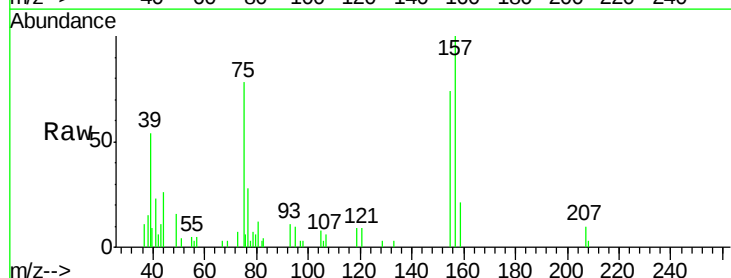
Tgt Ion: 75 Resp: 4790

Ion Ratio Lower Upper

75 100

155 93.3 53.8 80.8#

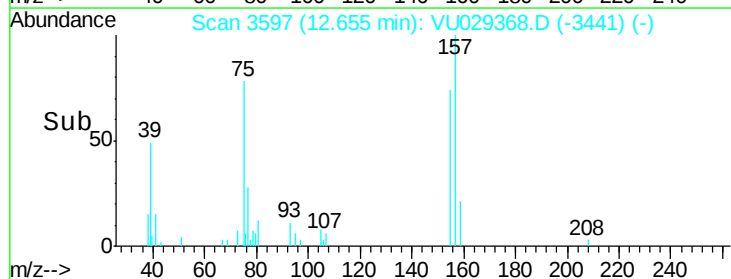
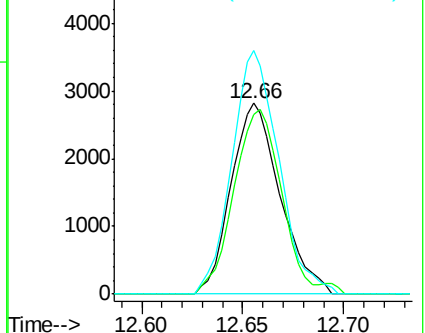
157 122.3 69.2 103.8#

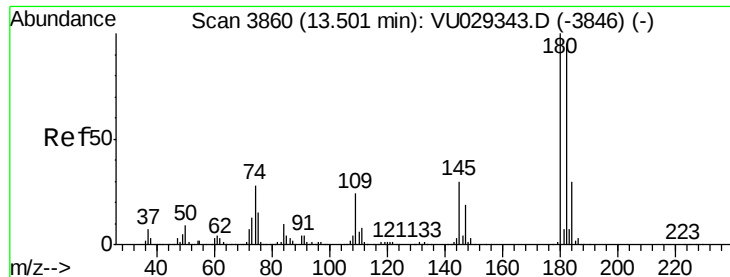


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

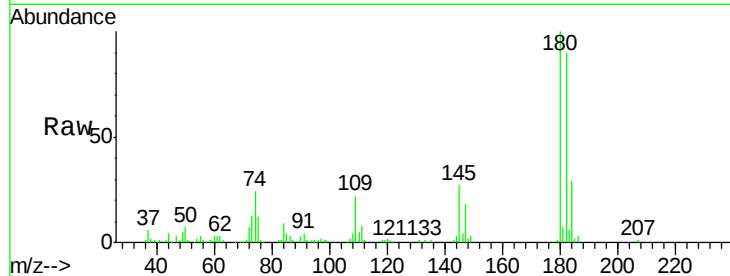
Ion 157.00 (156.70 to 157.70): V



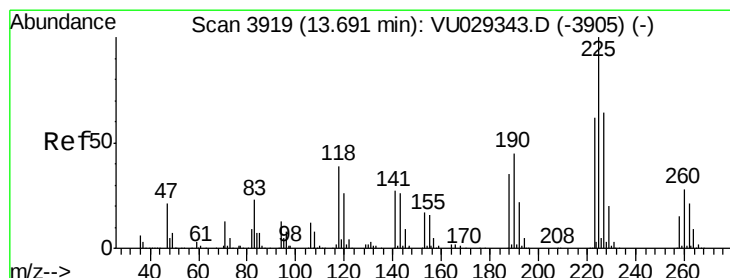
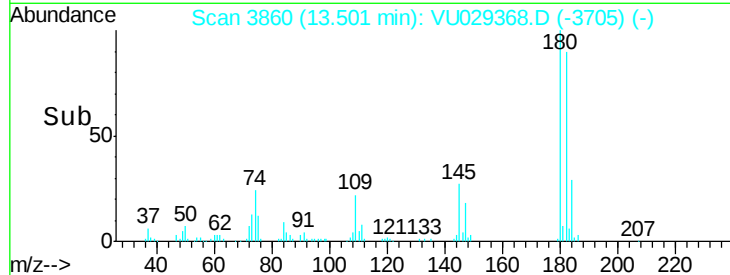
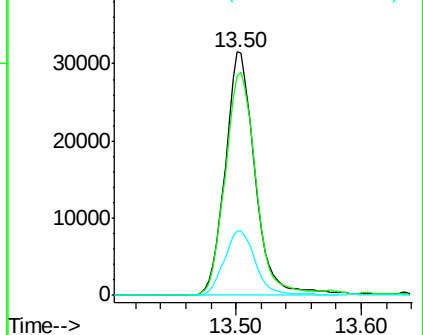


#87
 1,2,4-Trichlorobenzene
 Concen: 1.980 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tot Ion:180 Resp: 51929
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 145 27.6 24.6 36.8

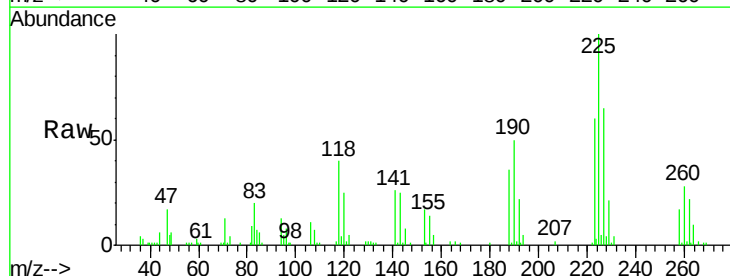


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

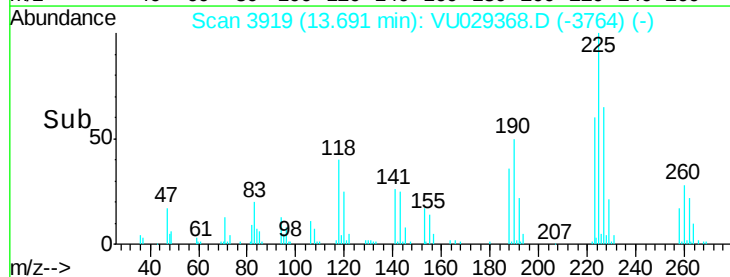
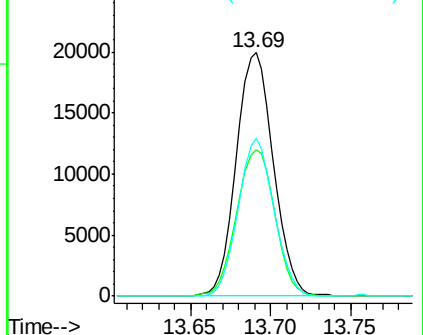


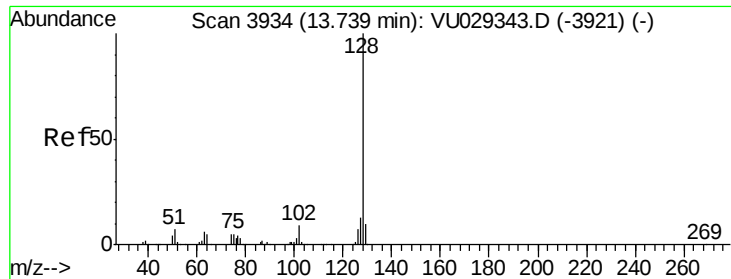
#88
 Hexachlorobutadiene
 Concen: 2.073 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: VU029368.D
 Acq: 07 Feb 2019 13:17

Tgt Ion:225 Resp: 31489
 Ion Ratio Lower Upper
 225 100
 223 61.8 49.5 74.3
 227 62.3 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





#89

Naphthalene

Concen: 1.817 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

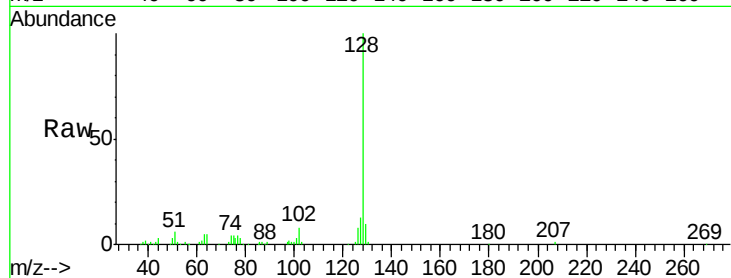
Tot Ion:128 Resp: 80811

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

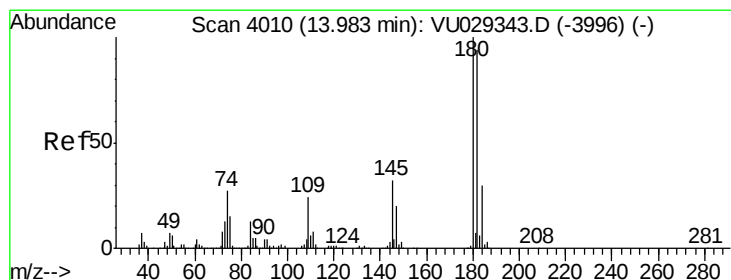
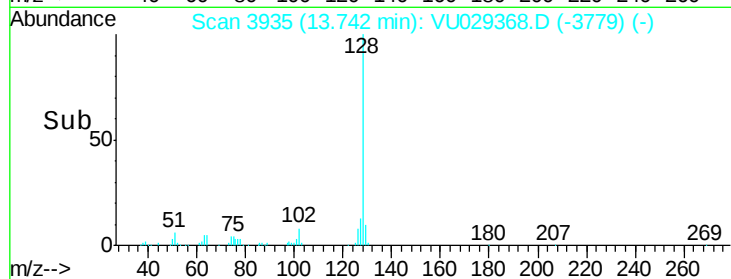
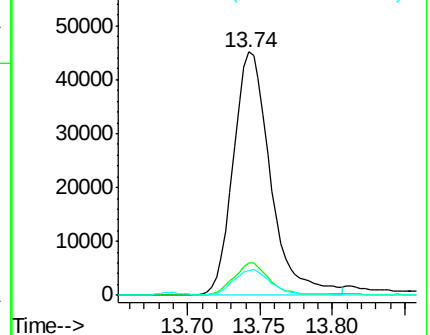
129 10.3 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.977 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029368.D

Acq: 07 Feb 2019 13:17

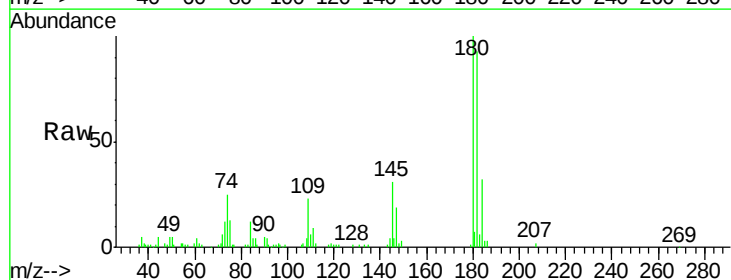
Tgt Ion:180 Resp: 47376

Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 29.0 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

