

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029366.D
 Acq On : 07 Feb 2019 11:48
 Operator : JC/SP
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 08 12:58:34 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	56446	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21027	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21682	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	4540	0.216 ug/l	86
3) Chloromethane	1.33	50	4563	0.237 ug/l	90
4) Vinyl Chloride	1.40	62	5248	0.233 ug/l #	87
5) Bromomethane	1.63	94	3658	0.291 ug/l	96
6) Chloroethane	1.70	64	4165	0.316 ug/l	89
7) Trichlorofluoromethane	1.89	101	7551	0.240 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4133	0.248 ug/l	87
9) 1,1-Dichloroethene	2.28	96	4016	0.247 ug/l	79
10) Iodomethane	2.41	142	3926	0.456 ug/l #	84
12) Acrylonitrile	2.94	53	2695	0.738 ug/l #	65
13) Acetone	2.32	43	4609	1.310 ug/l #	79
14) Carbon Disulfide	2.48	76	14493	0.252 ug/l	98
15) Methylene Chloride	2.70	84	7436	0.377 ug/l #	75
16) trans-1,2-Dichloroethene	2.98	96	4442	0.244 ug/l #	61
17) 1,1-Dichloroethane	3.44	63	8447	0.293 ug/l	95
18) 2-Butanone	4.30	43	2349	0.598 ug/l	99
19) Cyclohexane	4.99	56	4832	0.181 ug/l #	78
20) Methylcyclohexane	6.41	83	6679	0.238 ug/l #	81
21) 2,2-Dichloropropane	4.23	77	7608	0.285 ug/l #	91
22) cis-1,2-Dichloroethene	4.23	96	4355	0.254 ug/l	75
23) Diethyl Ether	2.10	59	3380	0.258 ug/l	91
24) tert-Butyl Alcohol	2.83	59	5664	4.168 ug/l #	80
25) Methyl tert-Butyl Ether	3.00	73	11775	0.257 ug/l	92
26) Bromochloromethane	4.55	128	1848	0.244 ug/l	71
27) Chloroform	4.67	83	7035	0.251 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	6847	0.263 ug/l #	75
29) 1,1-Dichloropropene	5.13	75	5267	0.233 ug/l #	85
30) Carbon Tetrachloride	5.13	117	5362	0.228 ug/l #	89
31) Isopropyl Ether	3.58	45	9973	0.229 ug/l	91
32) Ethyl-t-butyl ether	4.07	59	10201	0.234 ug/l	94
33) Tert-Amyl methyl ether	5.58	73	9576	0.243 ug/l #	97
34) Propionitrile	4.36	54	1147	1.110 ug/l #	73
35) Benzene	5.39	78	14638	0.234 ug/l	95
36) 1,2-Dichloroethane	5.41	62	3969	0.210 ug/l #	96
37) Trichloroethene	6.18	130	4639	0.259 ug/l	96
38) 1,2-Dichloropropane	6.43	63	3420	0.211 ug/l	97
39) Methacrylonitrile	4.57	41	847	0.160 ug/l #	75
41) Tetrahydrofuran	4.65	42	1081	0.406 ug/l #	49
42) 1-Chlorobutane	5.06	56	7189	0.238 ug/l	82
43) Dibromomethane	6.57	93	1931	0.223 ug/l	88
44) Bromodichloromethane	6.76	83	5533	0.251 ug/l	97

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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

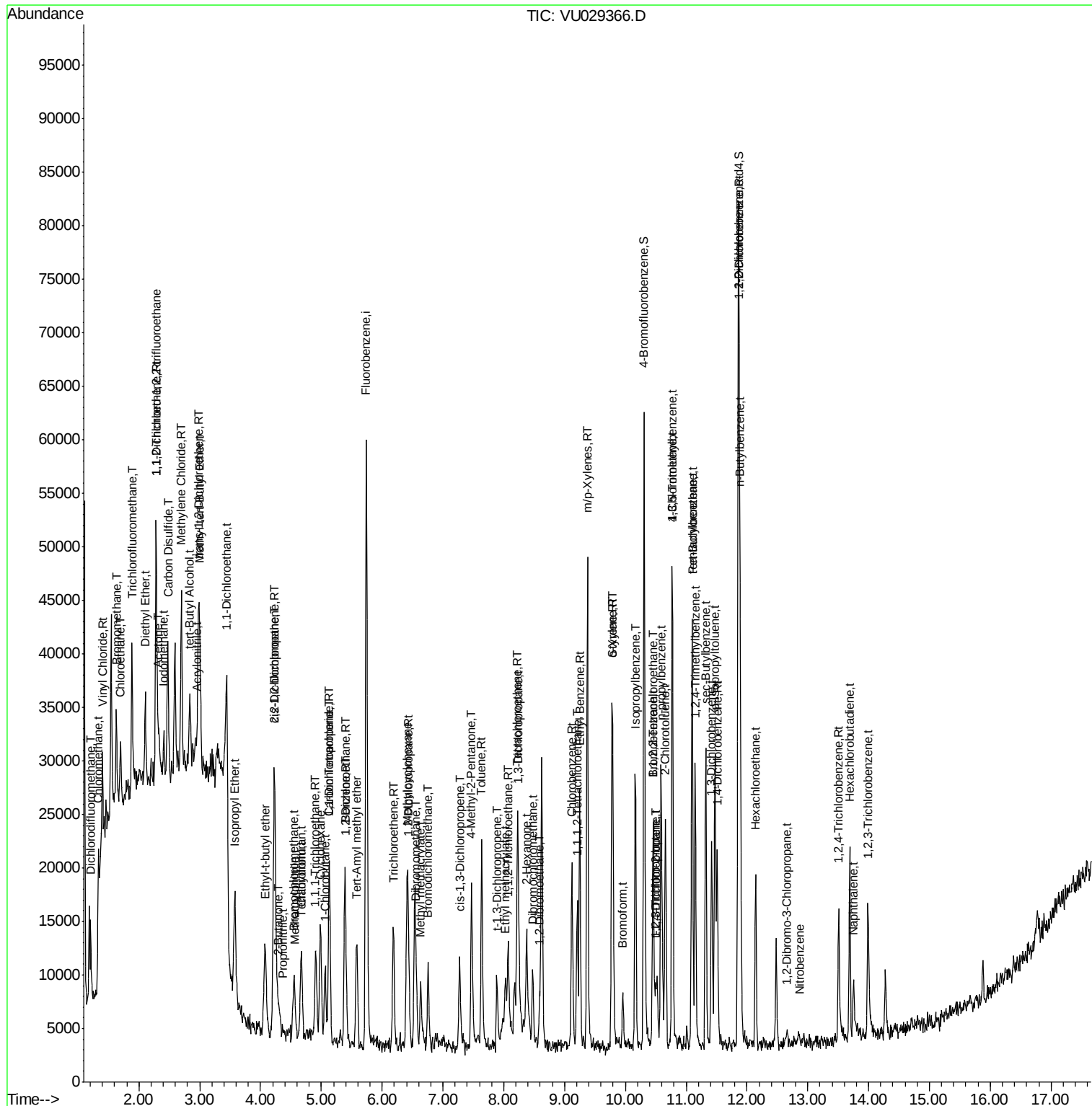
Response via : Initial Calibration

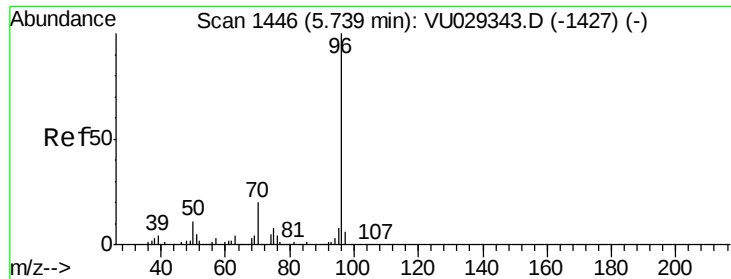
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.47	43	10475	1.032	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.50	75	4506	0.911	ug/l #	46
47) Methyl methacrylate	6.63	69	3023	0.397	ug/l #	73
48) Ethyl methacrylate	8.03	69	3198	0.196	ug/l	85
49) Toluene	7.64	92	8752	0.219	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	4443	0.205	ug/l #	84
51) cis-1,3-Dichloropropene	7.27	75	5320	0.207	ug/l #	80
52) 1,1,2-Trichloroethane	8.07	97	2761	0.241	ug/l	90
53) 1,3-Dichloropropane	8.24	76	4498	0.223	ug/l	96
54) 2-Hexanone	8.37	43	6364	0.895	ug/l	80
55) Dibromochloromethane	8.48	129	3765	0.231	ug/l	96
56) 1,2-Dibromoethane	8.59	107	2941	0.250	ug/l	99
58) Tetrachloroethene	8.23	164	4006	0.240	ug/l	93
59) Chlorobenzene	9.12	112	10348	0.230	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	4075	0.245	ug/l	99
61) Pentachloroethane	11.10	117	2943	0.228	ug/l	91
62) Hexachloroethane	12.14	117	2853	0.203	ug/l	87
63) Ethyl Benzene	9.25	91	18201	0.233	ug/l	97
64) m/p-Xylenes	9.38	106	14320	0.471	ug/l	83
65) o-Xylene	9.78	106	6811	0.228	ug/l	91
66) Styrene	9.79	104	10921	0.220	ug/l	93
67) Bromoform	9.96	173	2138	0.211	ug/l #	91
69) Isopropylbenzene	10.17	105	18197	0.228	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	3364	0.229	ug/l	87
71) 1,2,3-Trichloropropane	10.50	75	4506	0.447	ug/l #	86
72) Bromobenzene	10.45	156	4514	0.234	ug/l	93
73) n-propylbenzene	10.59	120	5190	0.234	ug/l	68
74) 2-Chlorotoluene	10.66	126	4323	0.229	ug/l	84
75) 1,3,5-Trimethylbenzene	10.77	105	15143	0.220	ug/l	99
76) 4-Chlorotoluene	10.77	126	4703	0.240	ug/l	64
77) tert-Butylbenzene	11.10	119	14966	0.220	ug/l	94
78) 1,2,4-Trimethylbenzene	11.15	105	15074	0.217	ug/l	94
79) sec-Butylbenzene	11.32	105	19178	0.216	ug/l	93
80) Nitrobenzene	12.88	77	99	0.151	ug/l #	43
81) p-Isopropyltoluene	11.48	119	16516	0.219	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	8726	0.230	ug/l	95
83) 1,4-Dichlorobenzene	11.51	146	7878	0.209	ug/l	93
84) n-Butylbenzene	11.89	91	13809	0.200	ug/l #	96
85) 1,2-Dichlorobenzene	11.88	146	8403	0.235	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	453	0.165	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.51	180	4543	0.181	ug/l #	83
88) Hexachlorobutadiene	13.69	225	3545	0.243	ug/l	95
89) Naphthalene	13.76	128	7103	0.166	ug/l #	94
90) 1,2,3-Trichlorobenzene	13.99	180	5309	0.231	ug/l	96

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

```
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Operator  : JC/SP
Sample    : MDL06
Misc      : 25.0mL/MSVOA_U/WATER
ALS Vial  : 4   Sample Multiplier: 1
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

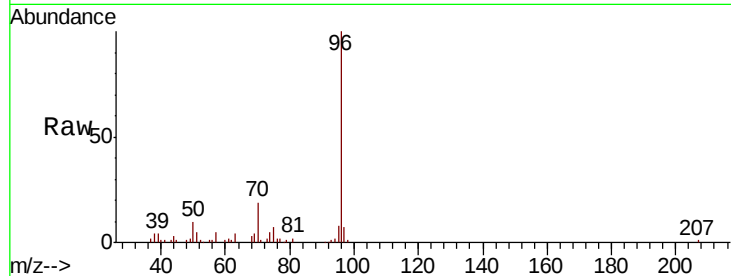
Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion: 96 Resp: 56446

Ion Ratio Lower Upper

96	100		
70	19.5	16.2	24.2
95	9.6	7.4	11.2
97	7.1	0.0	0.0#



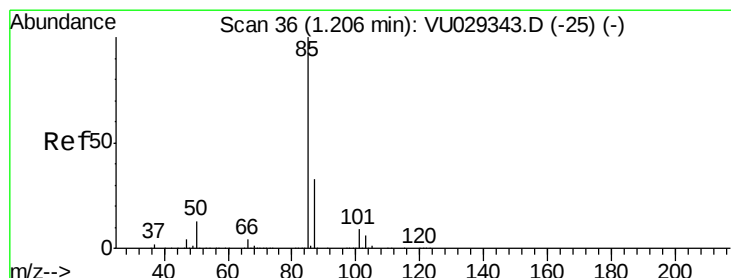
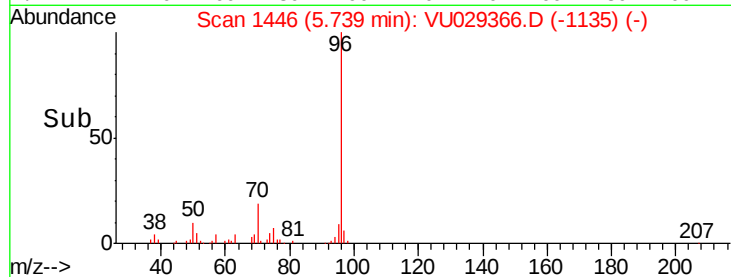
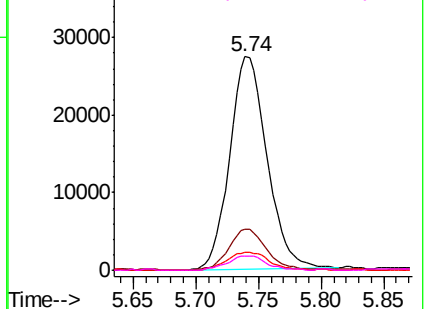
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 0.216 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

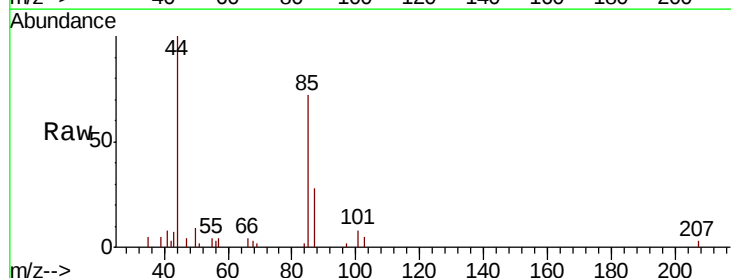
Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion: 85 Resp: 4540

Ion Ratio Lower Upper

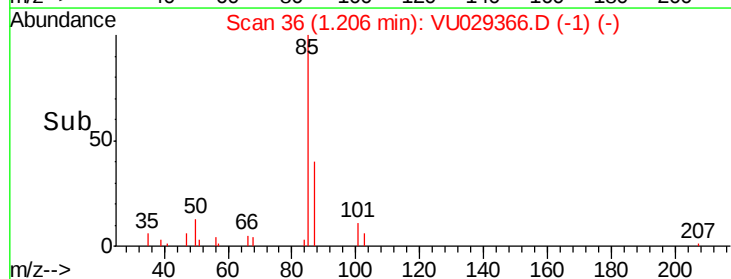
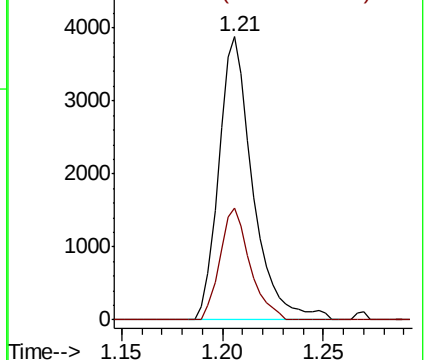
85	100		
87	39.6	15.9	47.6

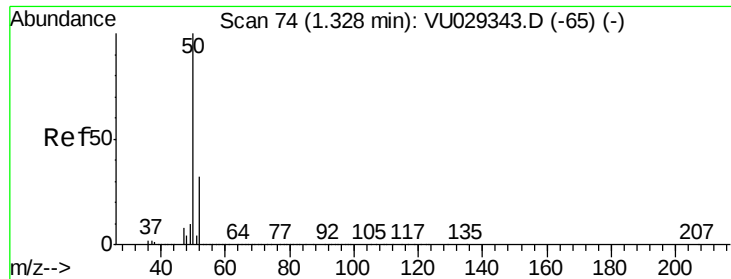


Abundance

Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.237 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029366.D

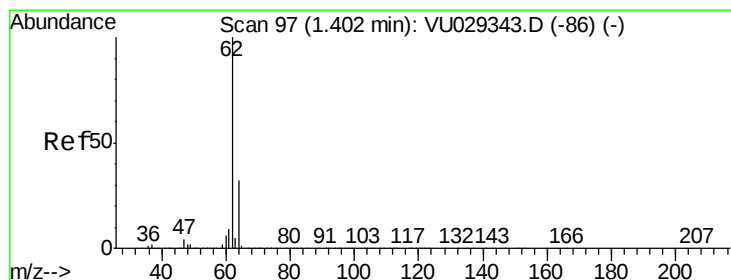
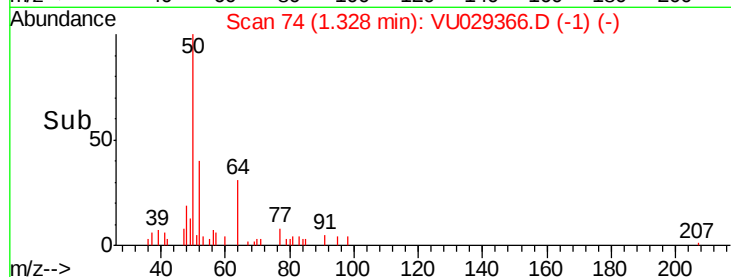
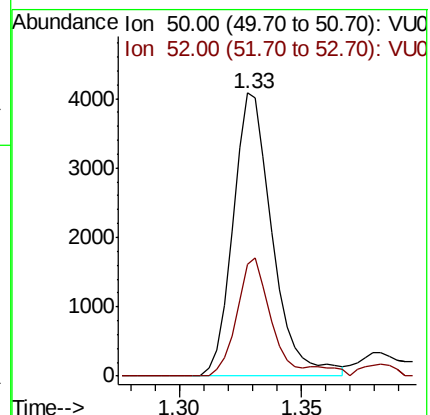
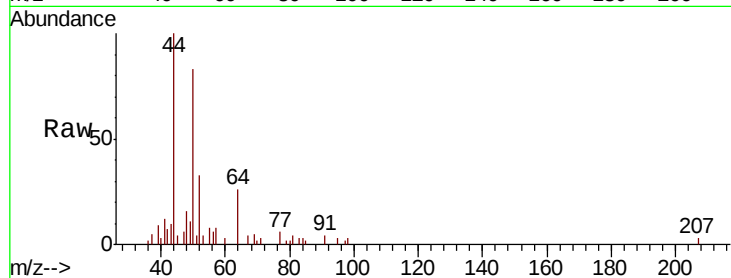
Acq: 07 Feb 2019 11:48

Tgt Ion: 50 Resp: 4563

Ion Ratio Lower Upper

50 100

52 39.6 27.3 40.9



#4

Vinyl Chloride

Concen: 0.233 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029366.D

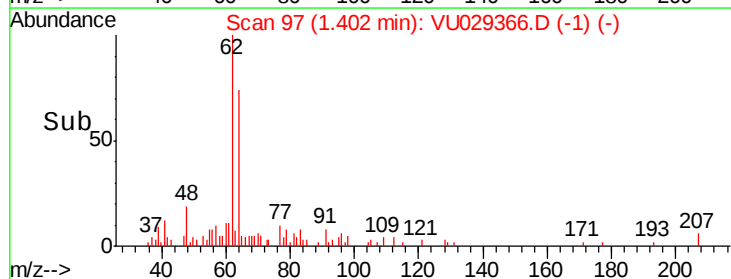
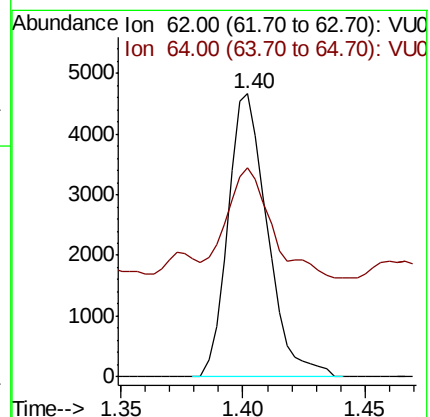
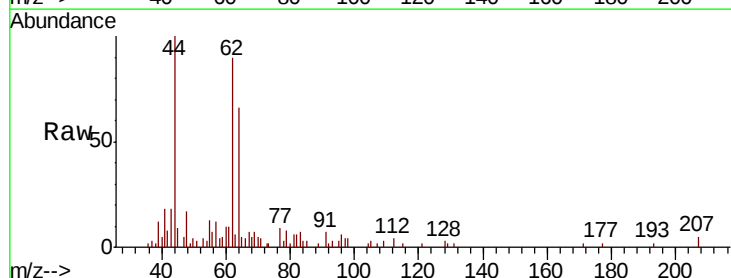
Acq: 07 Feb 2019 11:48

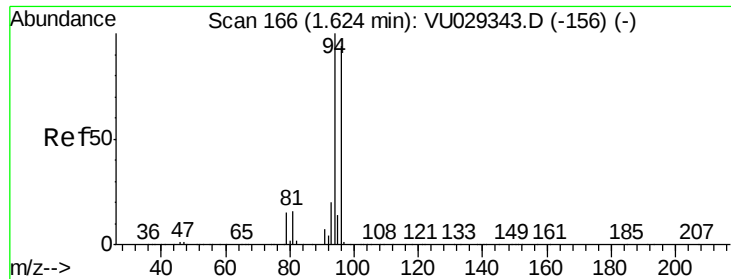
Tgt Ion: 62 Resp: 5248

Ion Ratio Lower Upper

62 100

64 38.9 25.2 37.8#





#5

Bromomethane

Concen: 0.291 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU029366.D

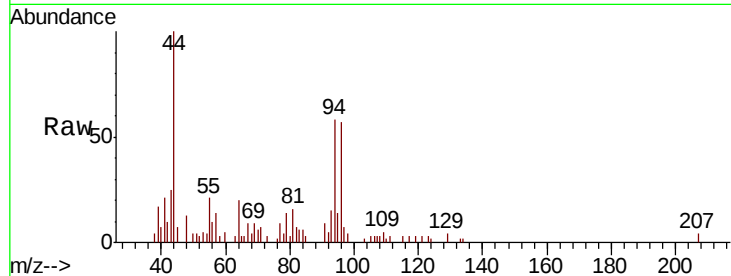
Acq: 07 Feb 2019 11:48

Tgt Ion: 94 Resp: 3658

Ion Ratio Lower Upper

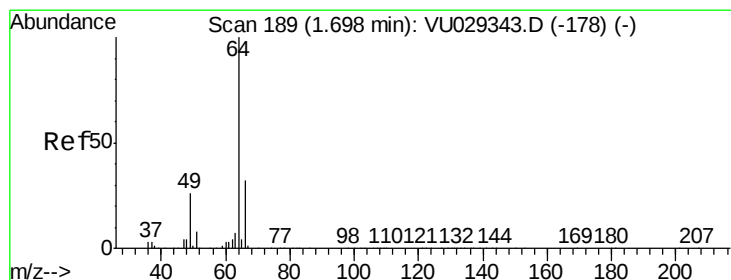
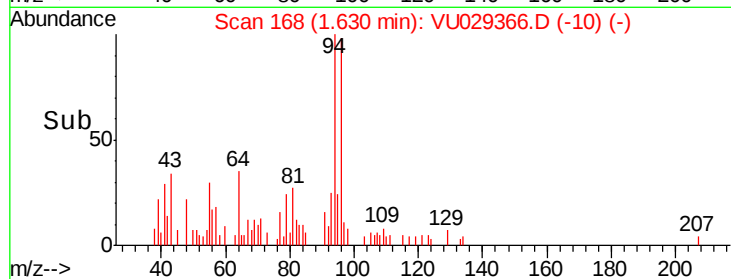
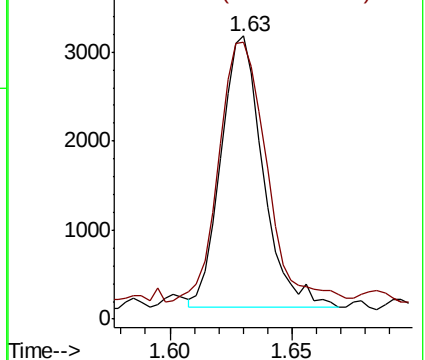
94 100

96 93.2 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: 0.316 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029366.D

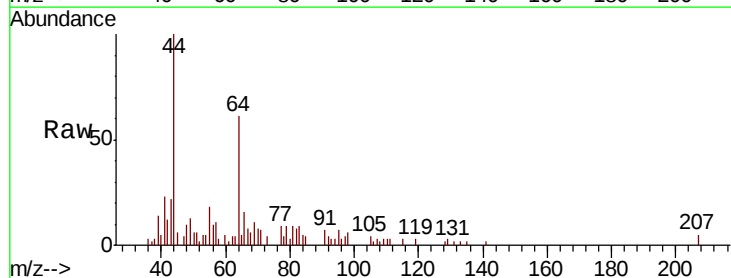
Acq: 07 Feb 2019 11:48

Tgt Ion: 64 Resp: 4165

Ion Ratio Lower Upper

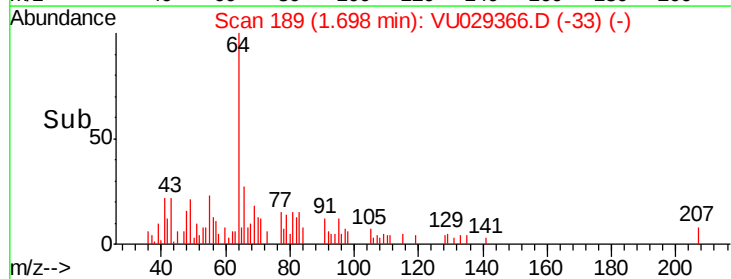
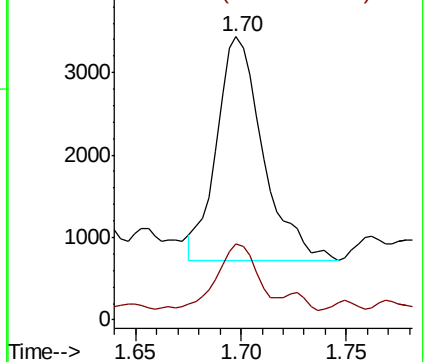
64 100

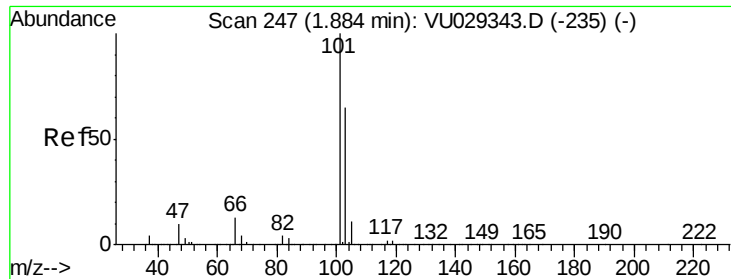
66 26.9 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

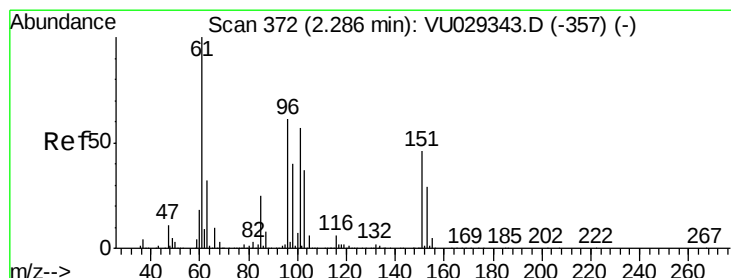
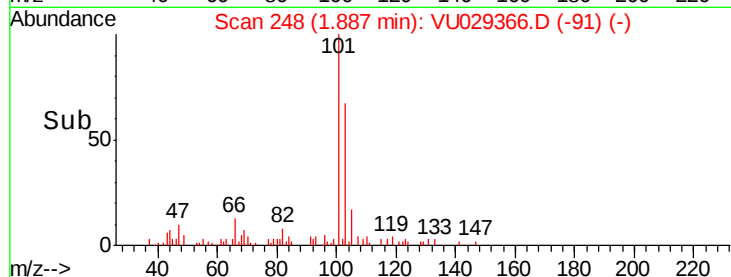
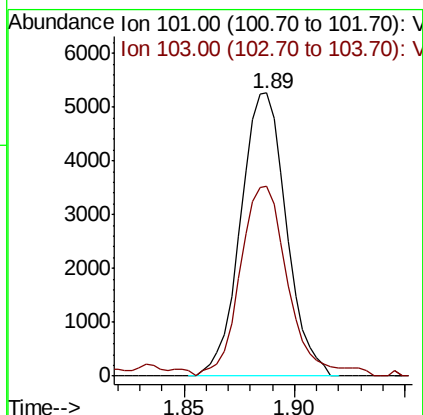
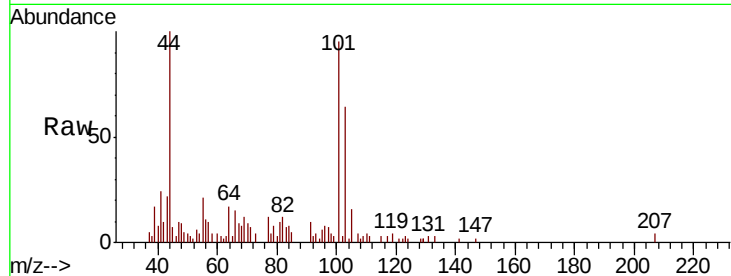




#7

Trichlorofluoromethane
 Concen: 0.240 ug/l
 RT: 1.89 min Scan# 248
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

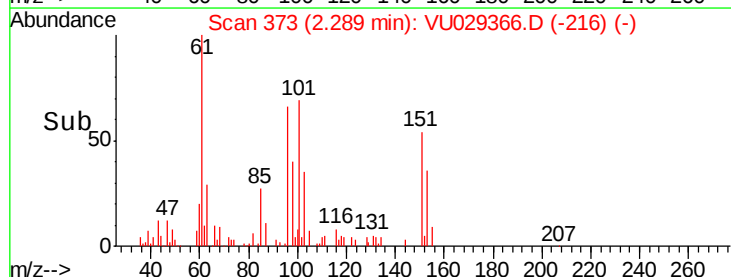
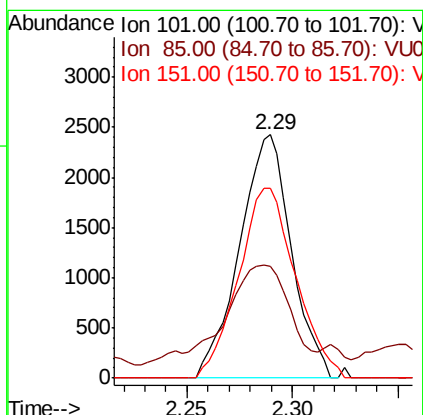
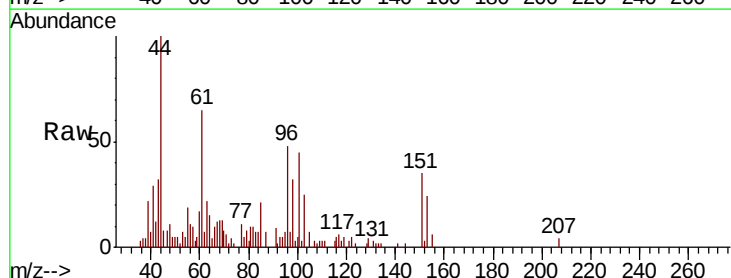
Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.9	80.9

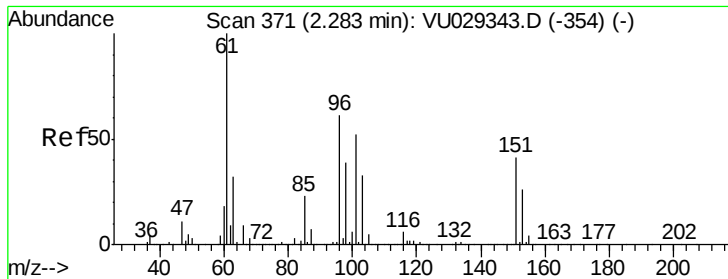


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.248 ug/l
 RT: 2.29 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.2	40.3	60.5
151	86.4	58.1	87.1





#9

1,1-Dichloroethene

Concen: 0.247 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

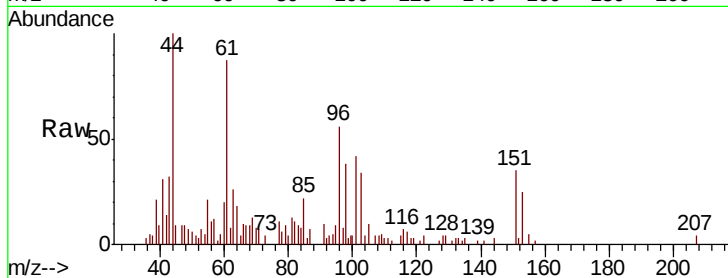
Tgt Ion: 96 Resp: 4016

Ion Ratio Lower Upper

96 100

61 171.9 0.0 641.4

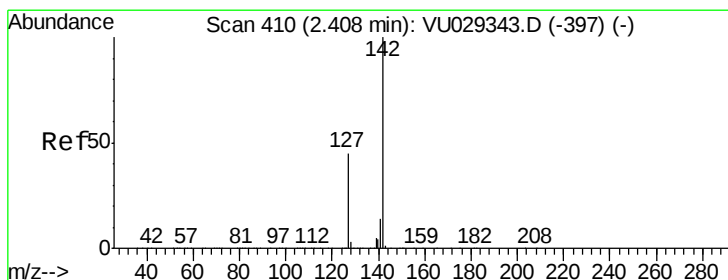
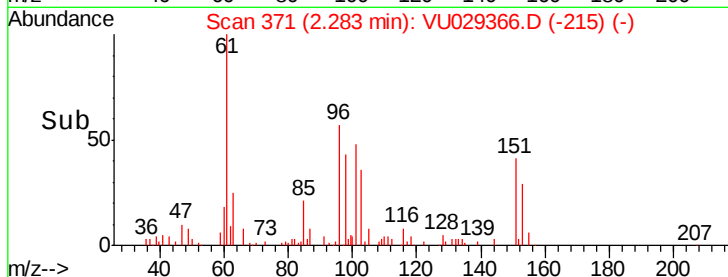
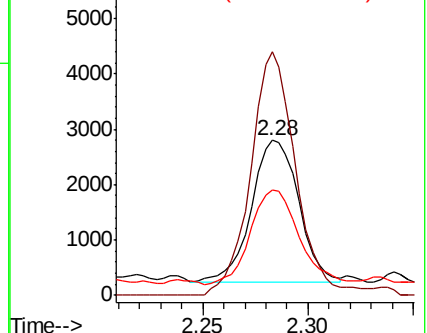
98 64.0 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU029343.D (-354) (-)

Ion 61.00 (60.70 to 61.70): VU029343.D (-354) (-)

Ion 98.00 (97.70 to 98.70): VU029343.D (-354) (-)



#10

Iodomethane

Concen: 0.456 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029366.D

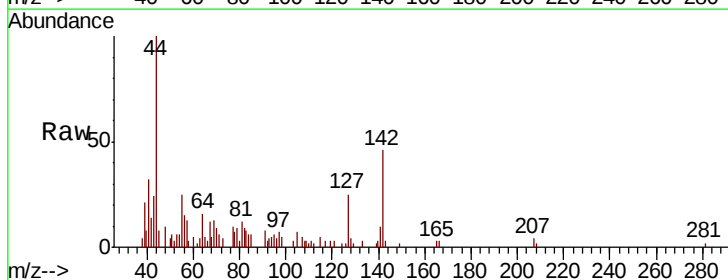
Acq: 07 Feb 2019 11:48

Tgt Ion: 142 Resp: 3926

Ion Ratio Lower Upper

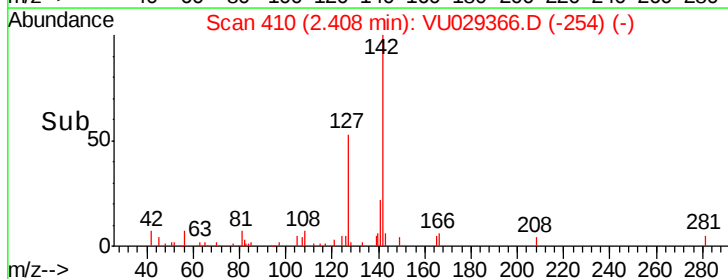
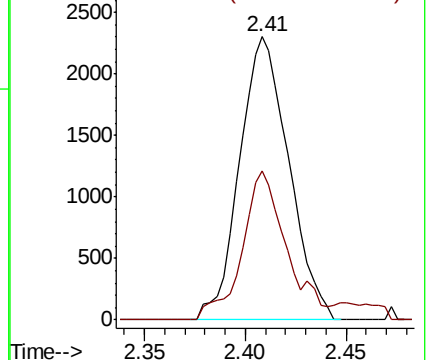
142 100

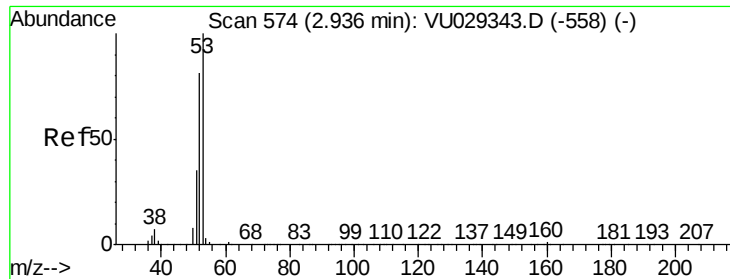
127 47.3 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): VU029343.D (-397) (-)

Ion 127.00 (126.70 to 127.70): VU029343.D (-397) (-)





#12

Acrylonitrile

Concen: 0.738 ug/l

RT: 2.94 min Scan# 576

Delta R.T. 0.01 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

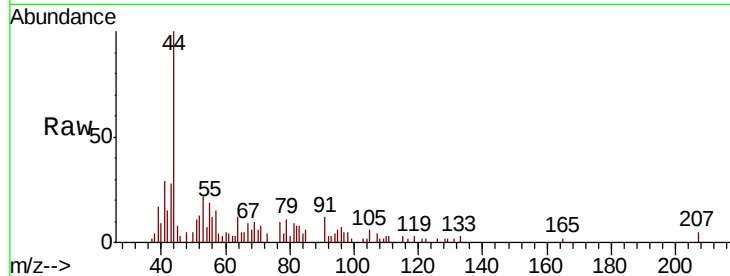
Tgt Ion: 53 Resp: 2695

Ion Ratio Lower Upper

53 100

52 52.0 67.6 101.4#

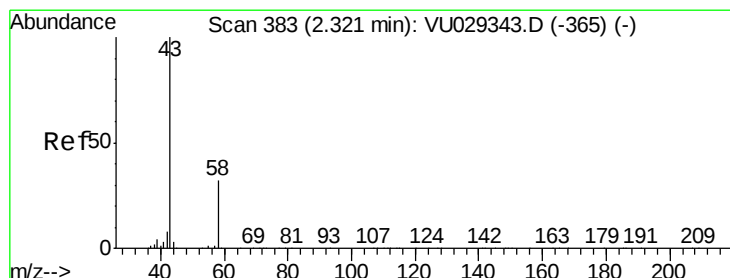
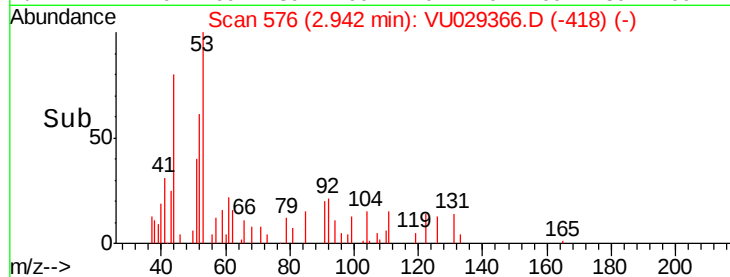
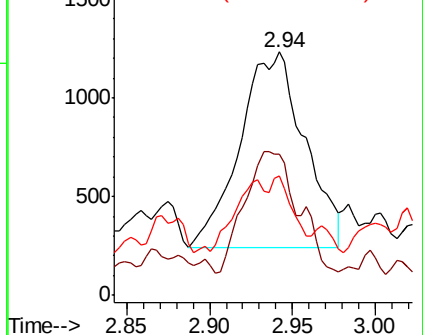
51 17.4 31.0 46.4#



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#13

Acetone

Concen: 1.310 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029366.D

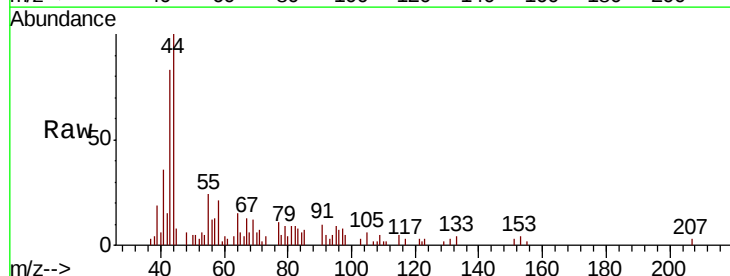
Acq: 07 Feb 2019 11:48

Tgt Ion: 43 Resp: 4609

Ion Ratio Lower Upper

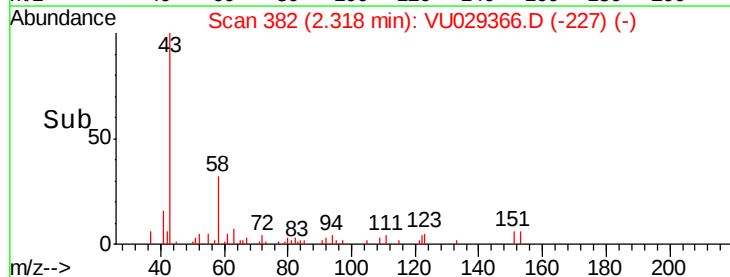
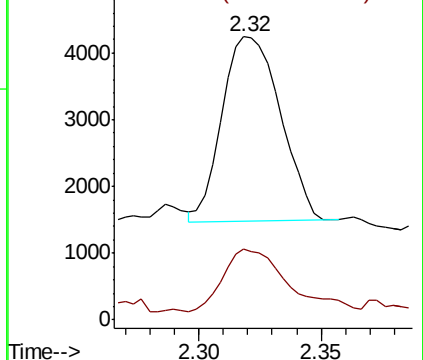
43 100

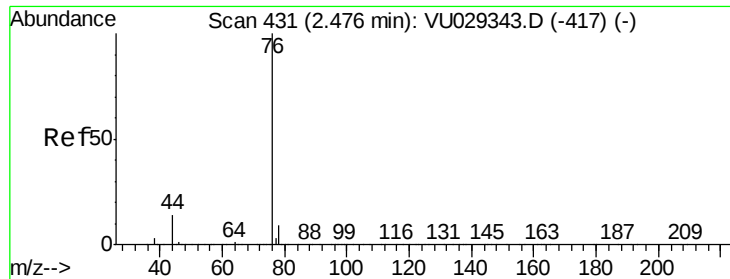
58 34.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#14

Carbon Disulfide

Concen: 0.252 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU029366.D

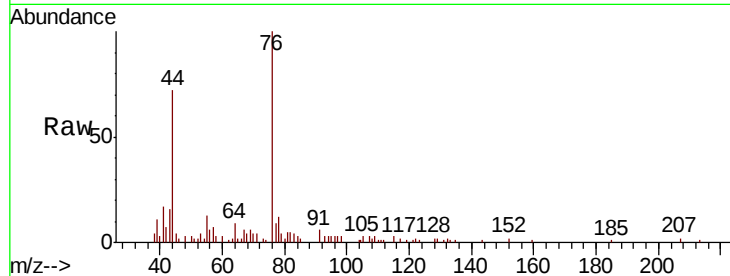
Acq: 07 Feb 2019 11:48

Tgt Ion: 76 Resp: 14493

Ion Ratio Lower Upper

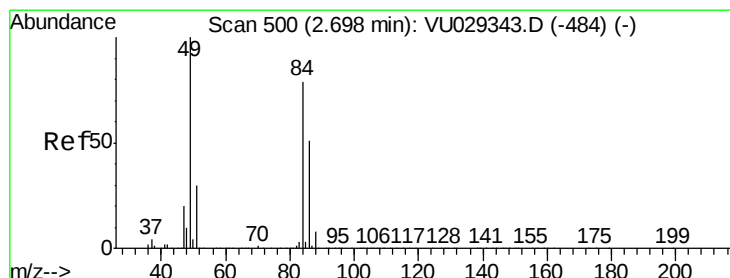
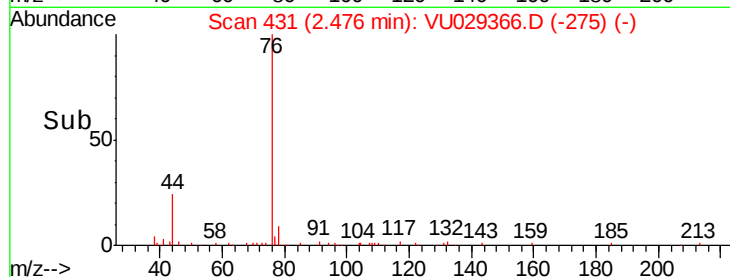
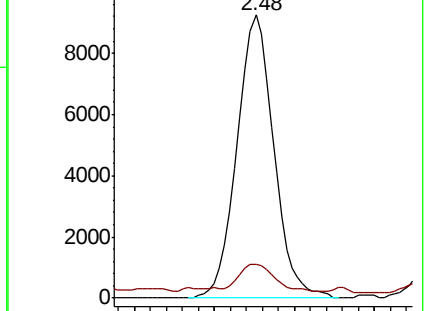
76 100

78 8.3 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

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion: 84 Resp: 7436

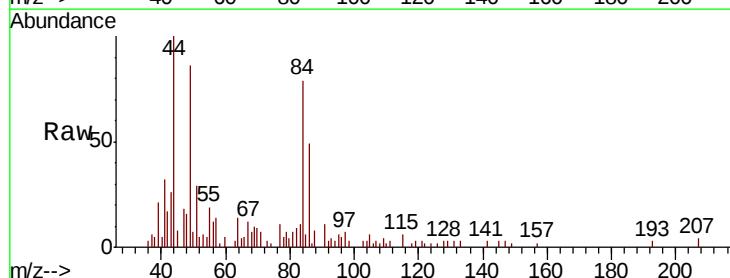
Ion Ratio Lower Upper

84 100

49 113.9 127.0 190.6#

51 31.9 0.0 93.4

86 65.2 50.6 75.8

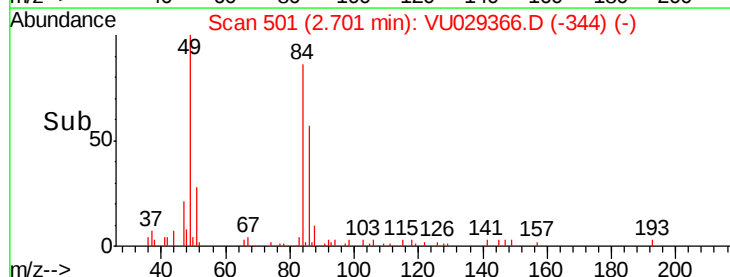
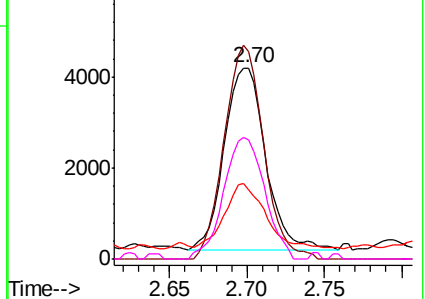


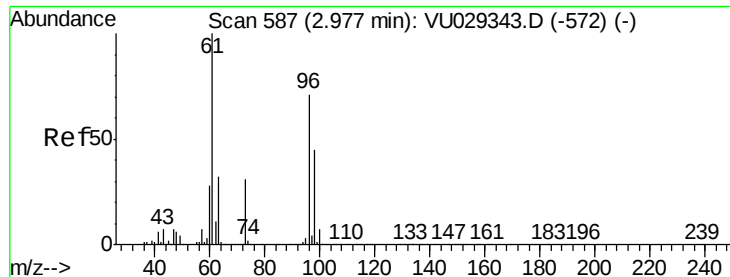
Abundance Ion 84.00 (83.70 to 84.70): VU029343.D (-484) (-)

Ion 49.00 (48.70 to 49.70): VU029343.D (-484) (-)

Ion 51.00 (50.70 to 51.70): VU029343.D (-484) (-)

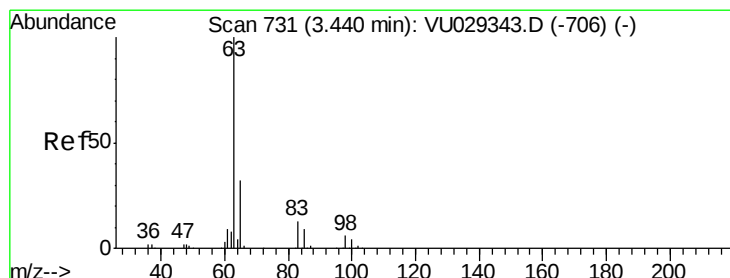
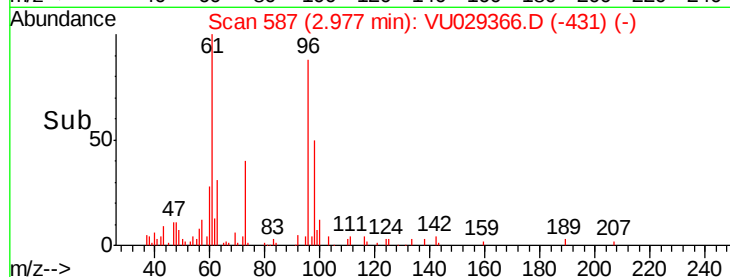
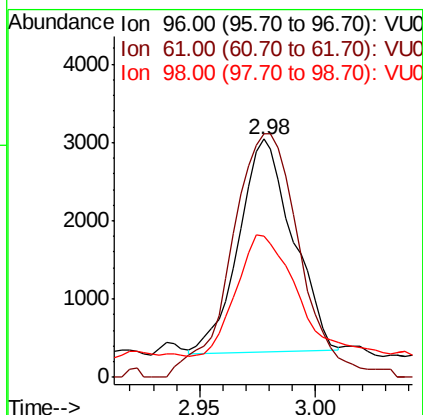
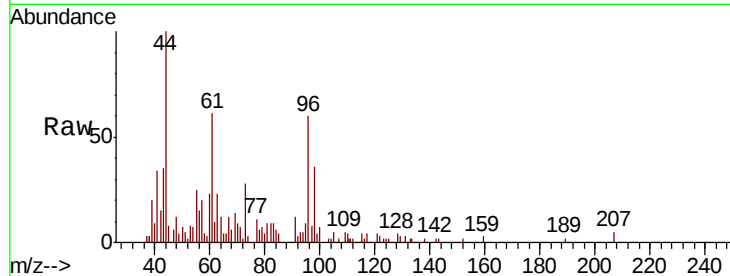
Ion 86.00 (85.70 to 86.70): VU029343.D (-484) (-)





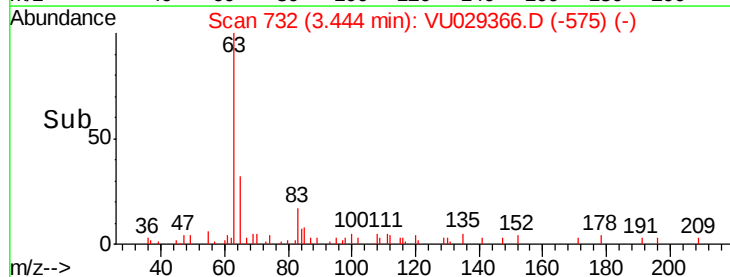
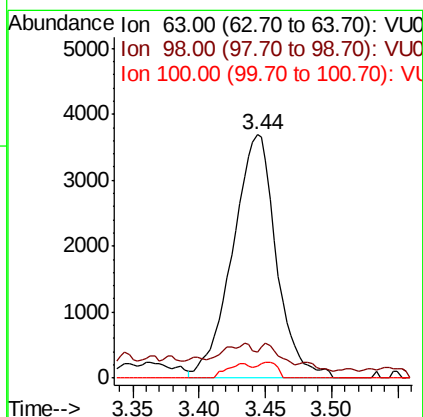
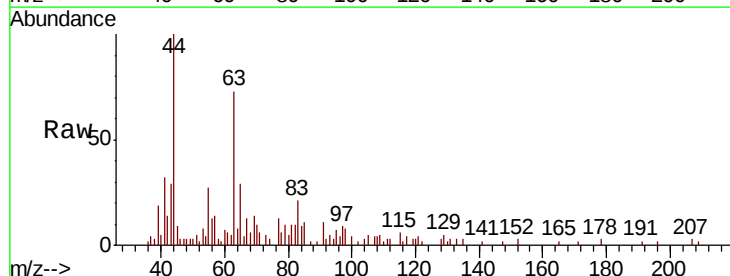
#16
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

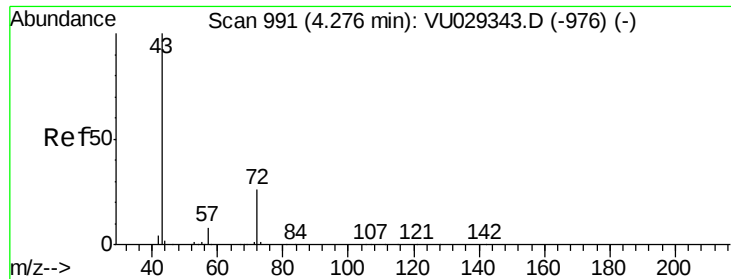
Tgt Ion	Ratio	Lower	Upper
96	100		
61	105.8	140.6	210.8#
98	56.8	49.3	73.9



#17
1,1-Dichloroethane
Concen: 0.293 ug/l
RT: 3.44 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

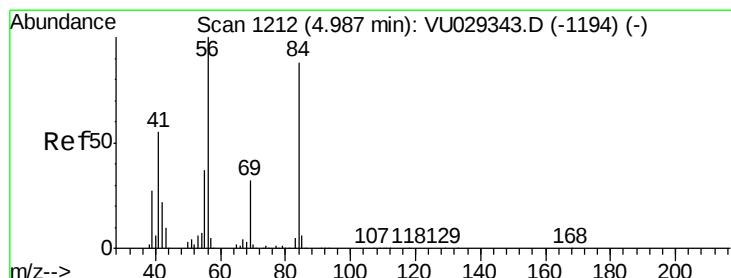
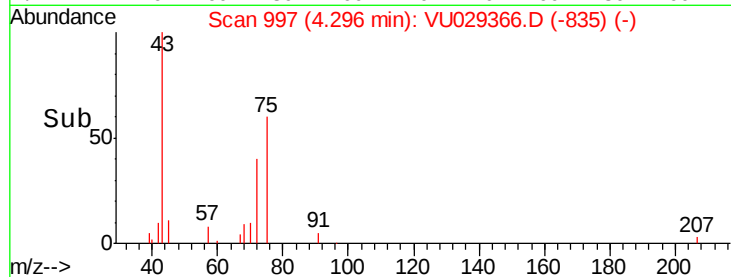
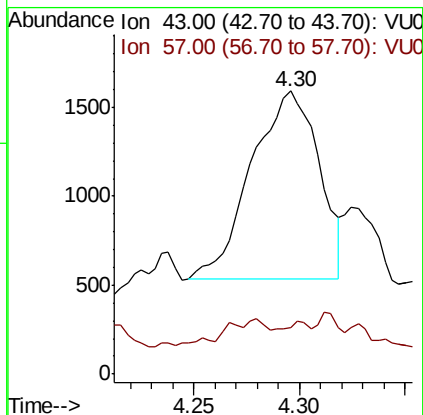
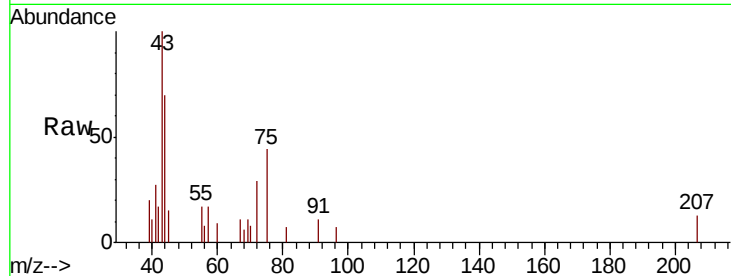
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	2.9	8.8
100	4.8	1.7	5.1





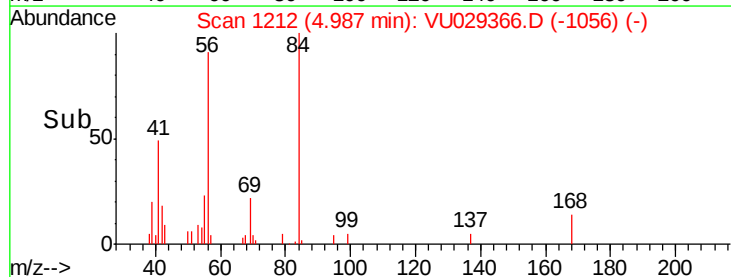
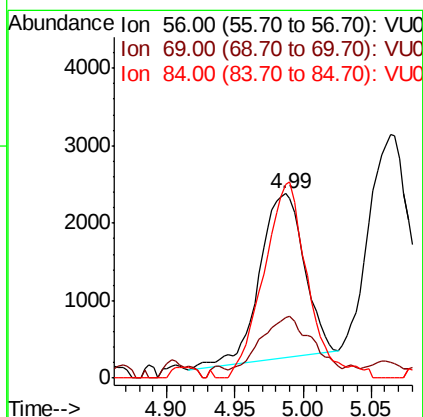
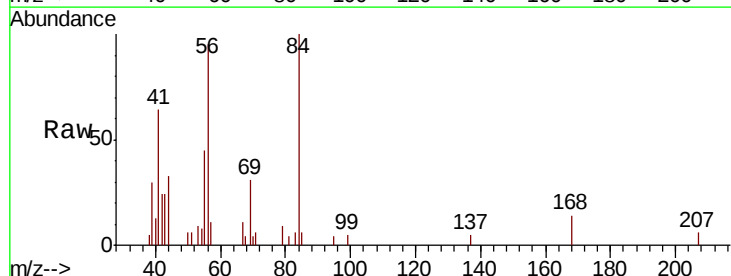
#18
2-Butanone
Concen: 0.598 ug/l
RT: 4.30 min Scan# 997
Delta R.T. 0.02 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

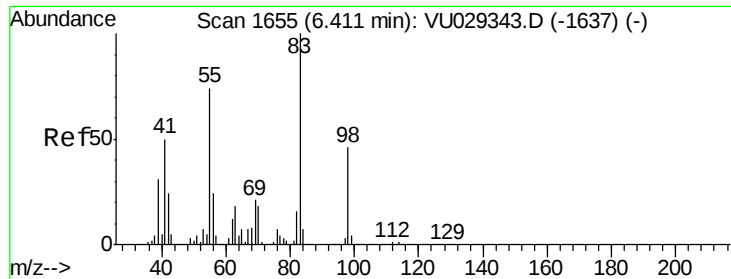
Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
57 8.2 0.0 15.8



#19
Cyclohexane
Concen: 0.181 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

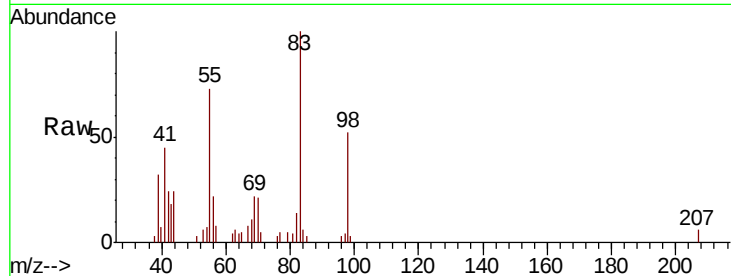
Tgt Ion: 56 Resp: 4832
Ion Ratio Lower Upper
56 100
69 34.2 26.8 40.2
84 117.3 71.5 107.3#



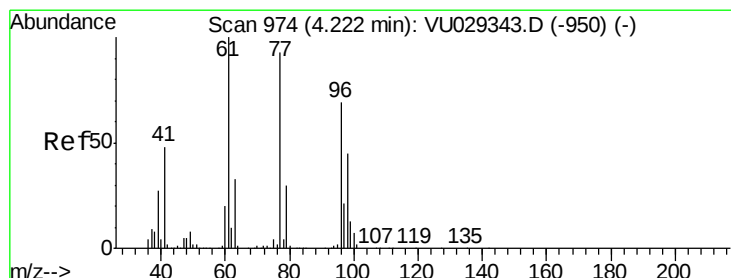
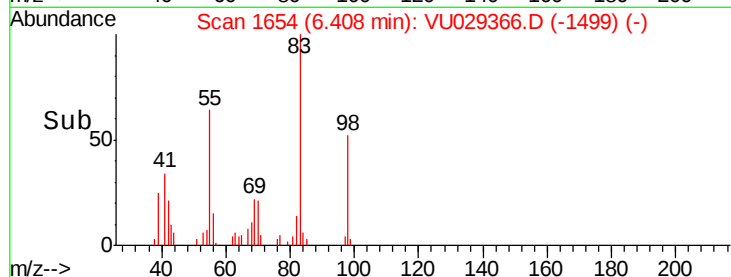
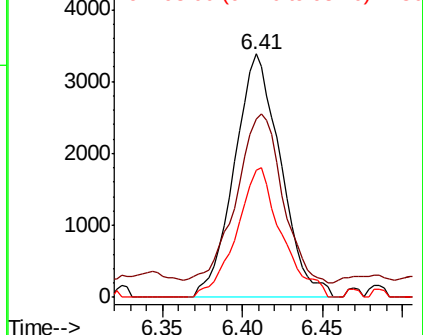


#20
Methylcyclohexane
Concen: 0.238 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 83 Resp: 6679
Ion Ratio Lower Upper
83 100
55 67.4 72.4 108.6#
98 51.9 36.6 54.8

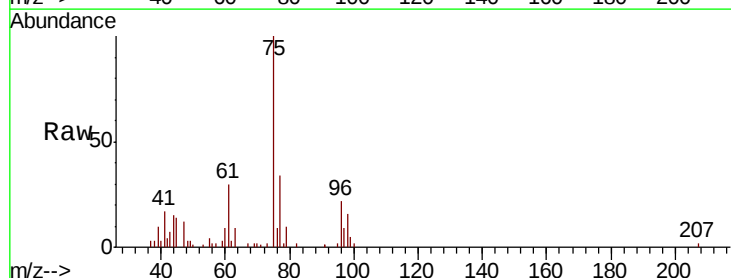


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

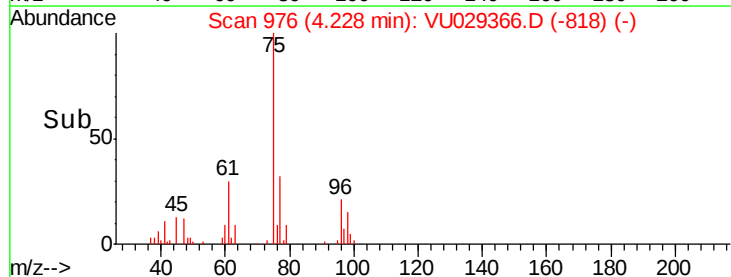
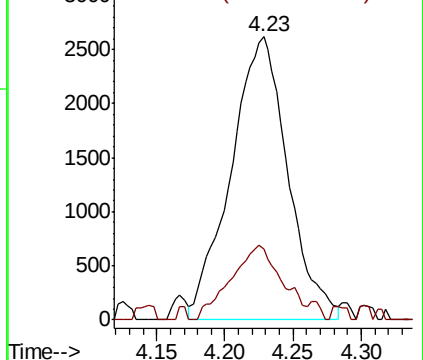


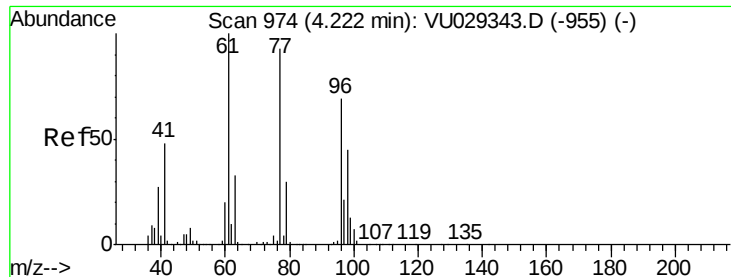
#21
2,2-Dichloropropane
Concen: 0.285 ug/l
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 77 Resp: 7608
Ion Ratio Lower Upper
77 100
97 23.5 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0

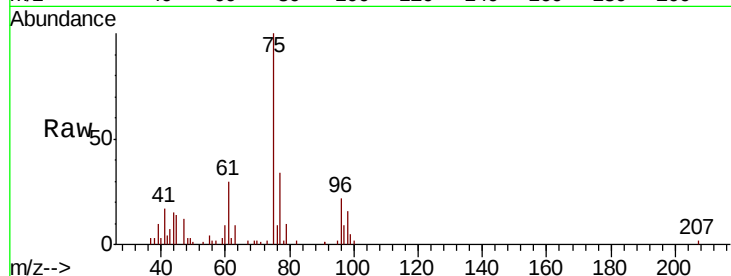




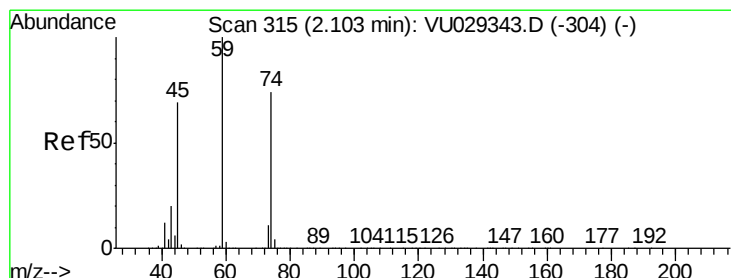
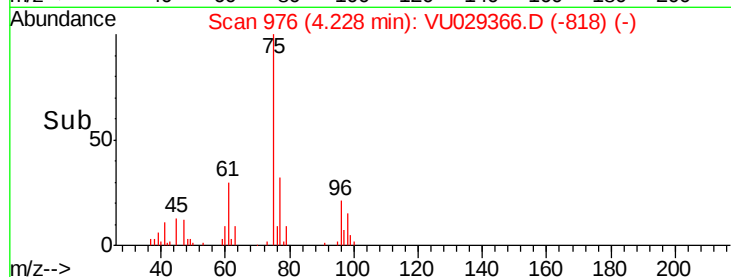
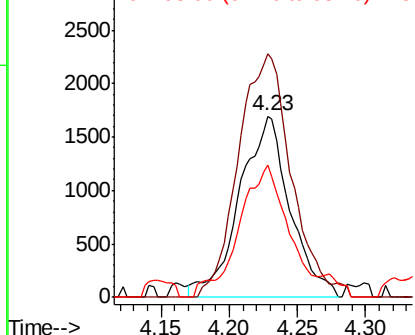
#22

cis-1,2-Dichloroethene
 Concen: 0.254 ug/l
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	460.0
98	70.4	32.6	97.7



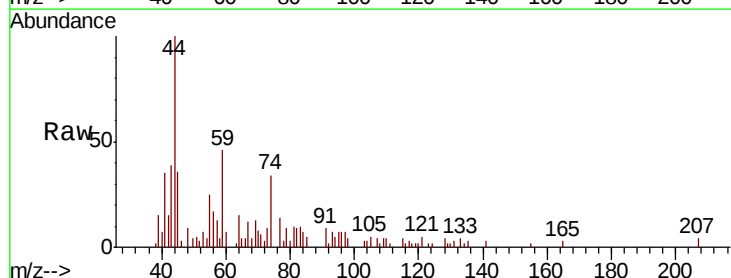
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0



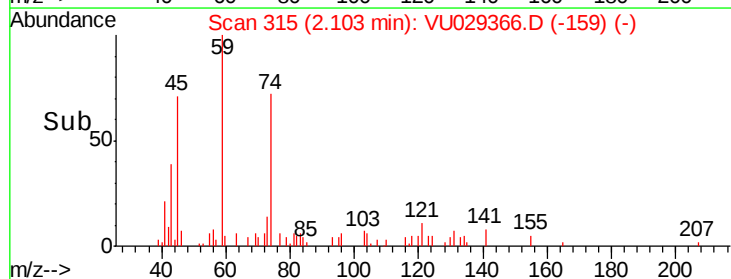
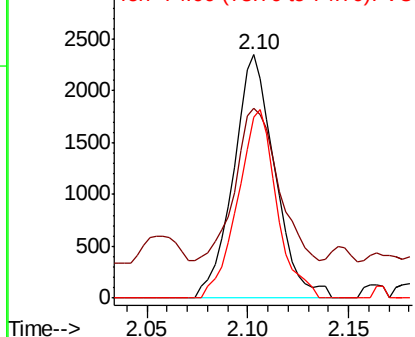
#23

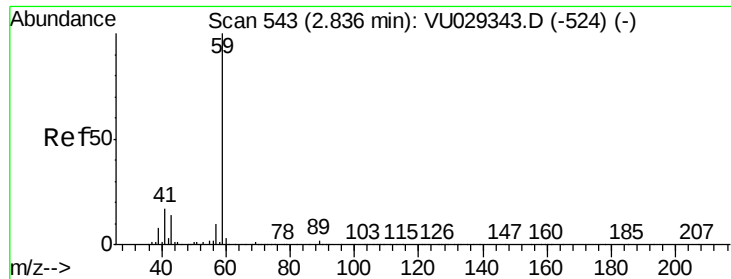
Diethyl Ether
 Concen: 0.258 ug/l
 RT: 2.10 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
59	100		
45	68.4	64.2	96.4
74	72.7	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: 4.168 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029366.D

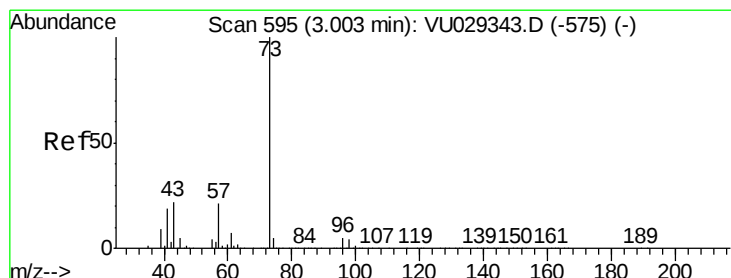
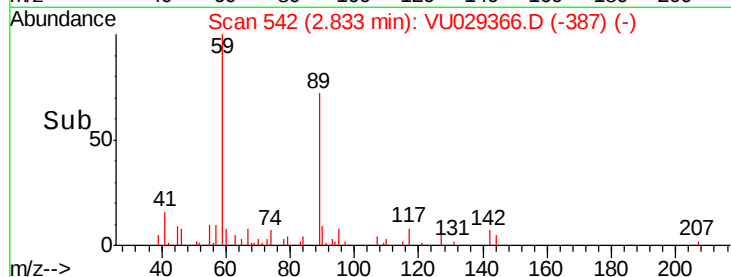
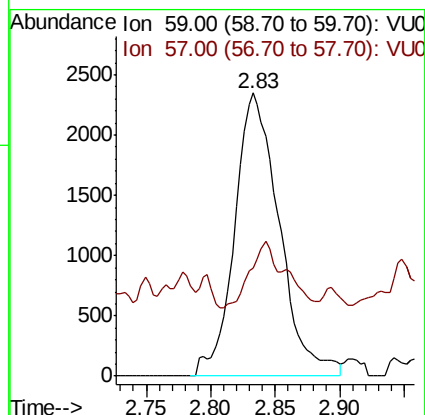
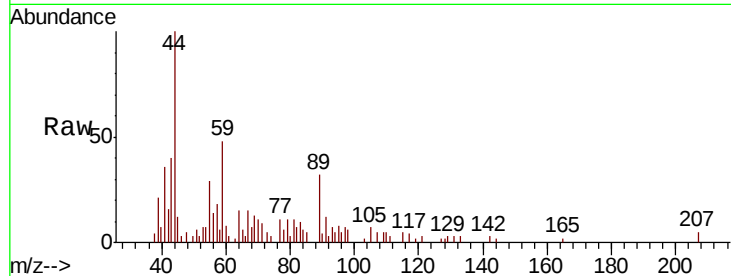
Acq: 07 Feb 2019 11:48

Tgt Ion: 59 Resp: 5664

Ion Ratio Lower Upper

59 100

57 18.5 8.8 13.2#



#25

Methyl tert-Butyl Ether

Concen: 0.257 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029366.D

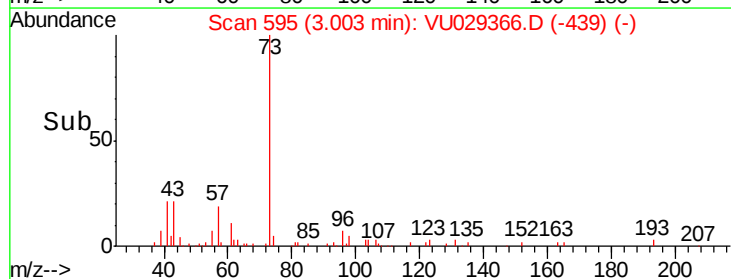
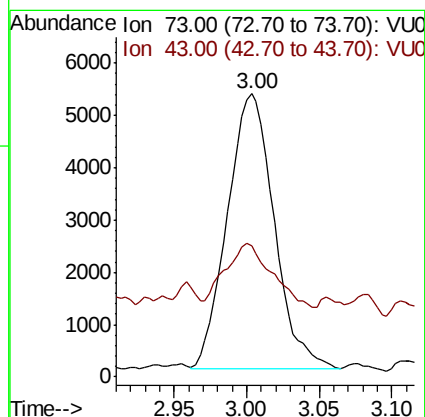
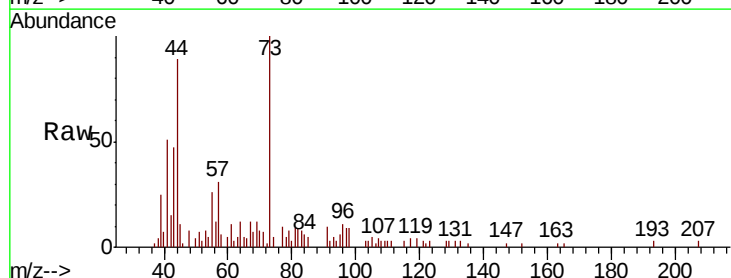
Acq: 07 Feb 2019 11:48

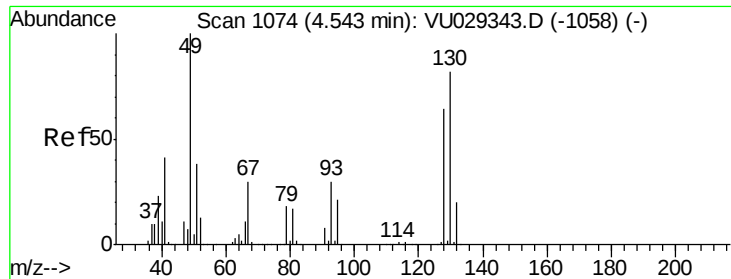
Tgt Ion: 73 Resp: 11775

Ion Ratio Lower Upper

73 100

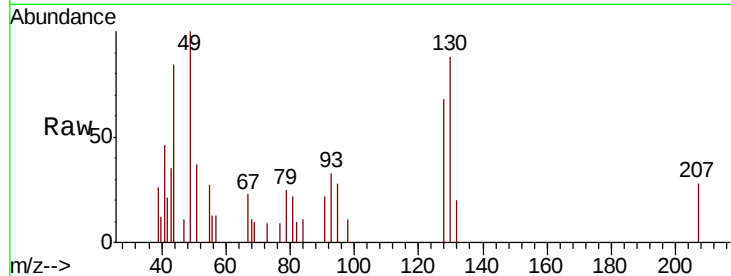
43 23.3 22.1 33.1



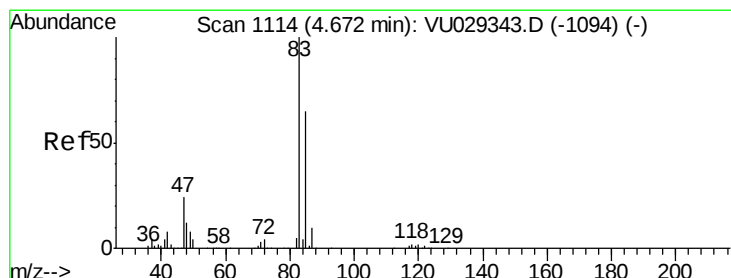
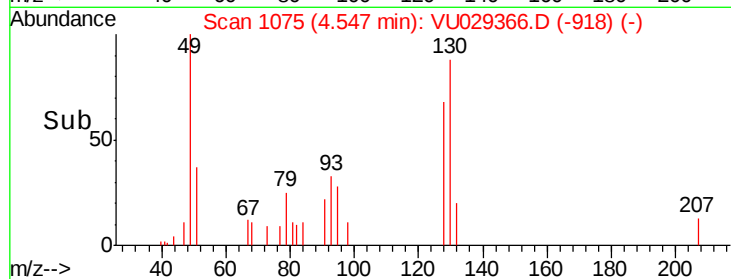
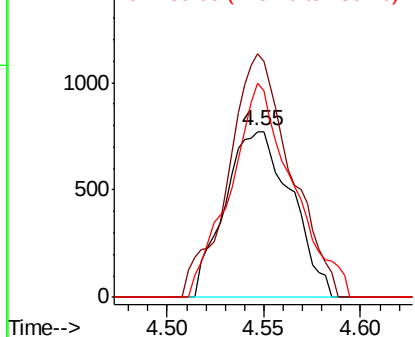


#26
Bromochloromethane
Concen: 0.244 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:128 Resp: 1848
Ion Ratio Lower Upper
128 100
49 137.9 0.0 401.6
130 121.5 108.0 162.0

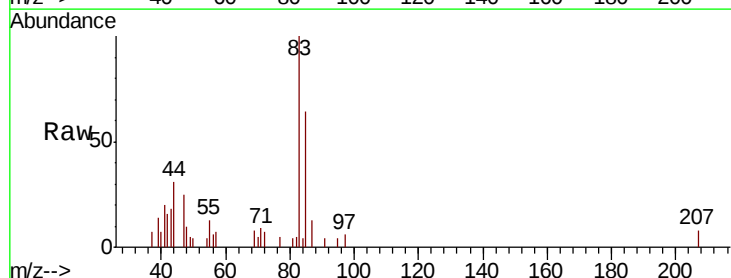


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

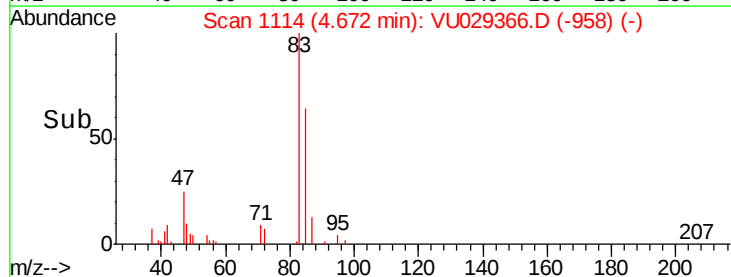
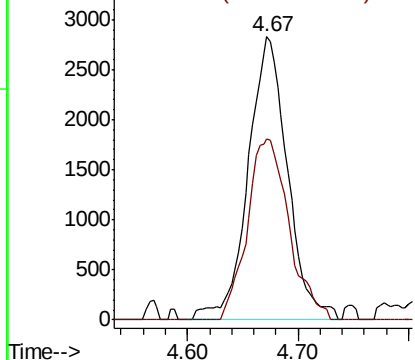


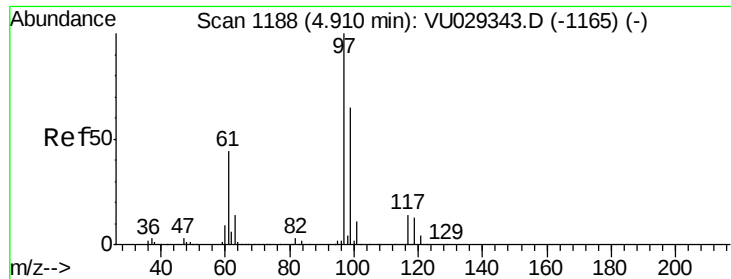
#27
Chloroform
Concen: 0.251 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 83 Resp: 7035
Ion Ratio Lower Upper
83 100
85 63.8 0.0 126.6



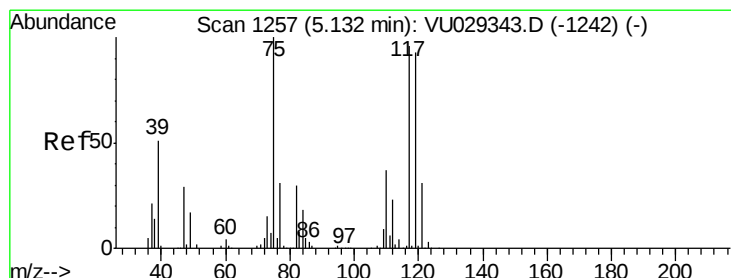
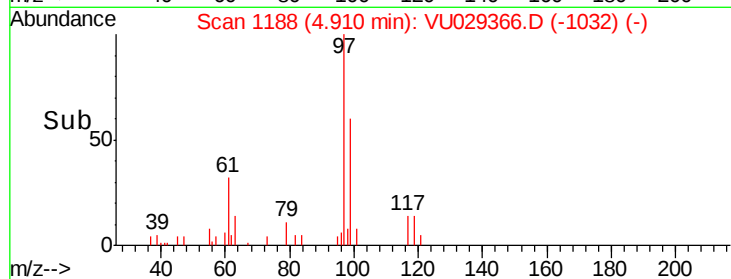
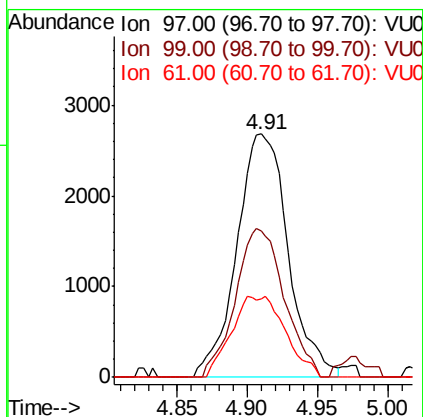
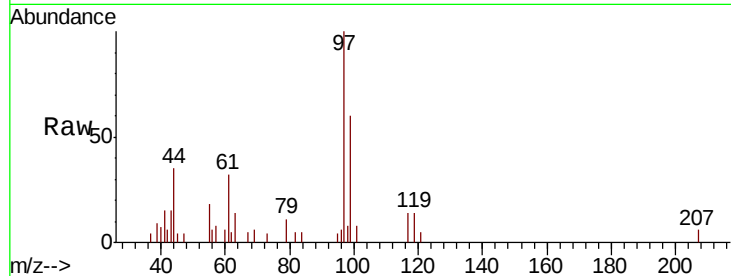
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





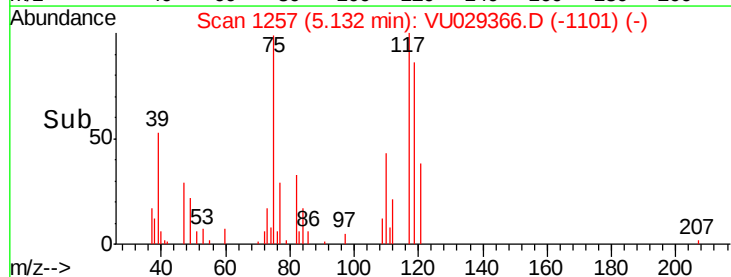
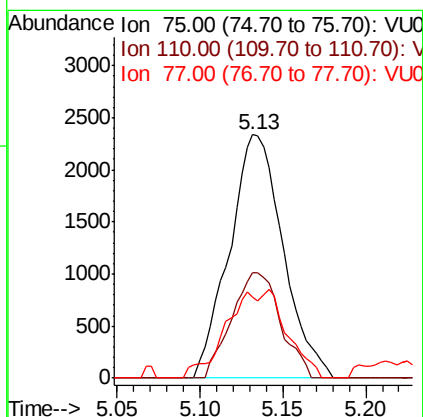
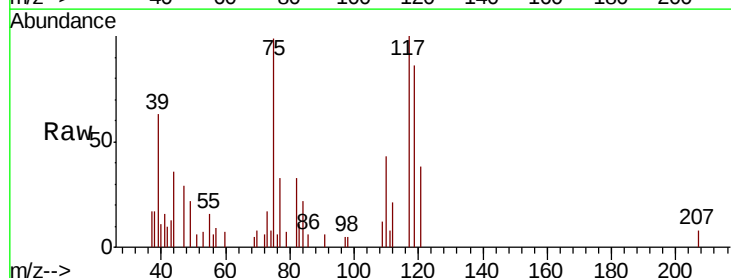
#28
 1,1,1-Trichloroethane
 Concen: 0.263 ug/l
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

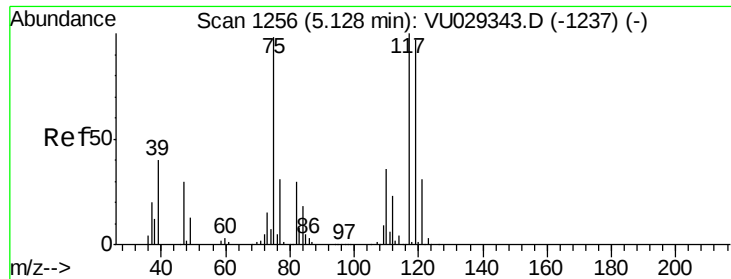
Tgt Ion: 97 Resp: 6847
 Ion Ratio Lower Upper
 97 100
 99 58.0 32.4 97.2
 61 17.1 24.4 73.2#



#29
 1,1-Dichloropropene
 Concen: 0.233 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion: 75 Resp: 5267
 Ion Ratio Lower Upper
 75 100
 110 39.4 15.4 46.2
 77 22.4 24.1 36.1#





#30

Carbon Tetrachloride

Concen: 0.228 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

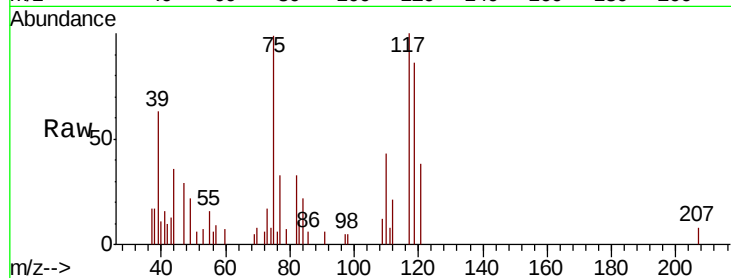
Tgt Ion: 117 Resp: 5362

Ion Ratio Lower Upper

117 100

119 86.4 76.8 115.2

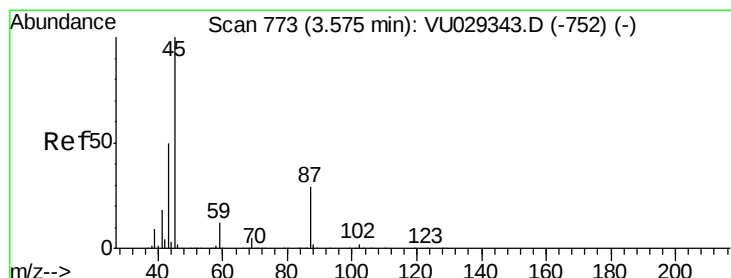
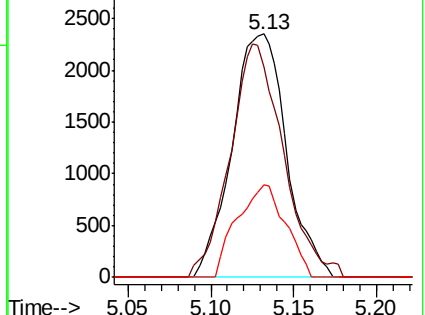
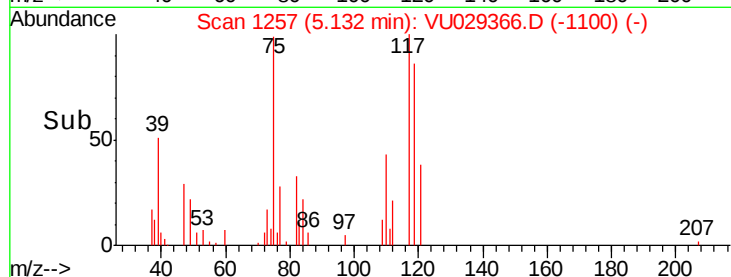
121 38.1 24.4 36.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#31

Isopropyl Ether

Concen: 0.229 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029366.D

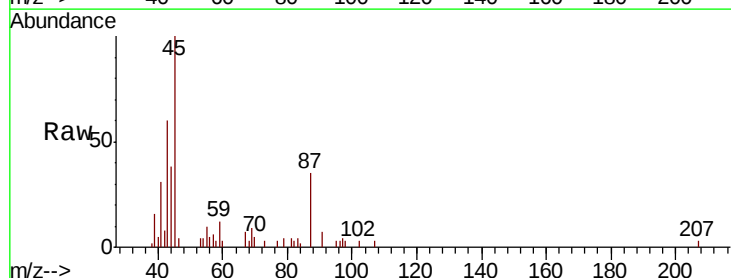
Acq: 07 Feb 2019 11:48

Tgt Ion: 45 Resp: 9973

Ion Ratio Lower Upper

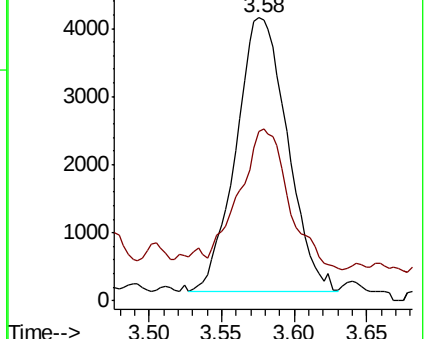
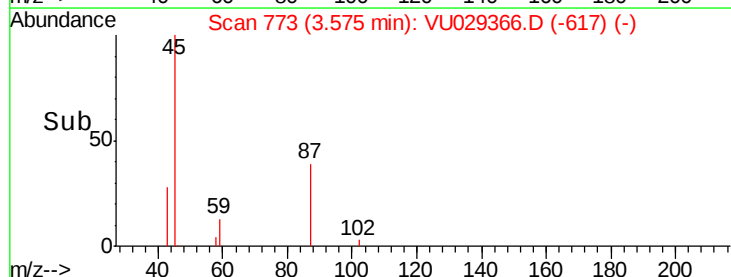
45 100

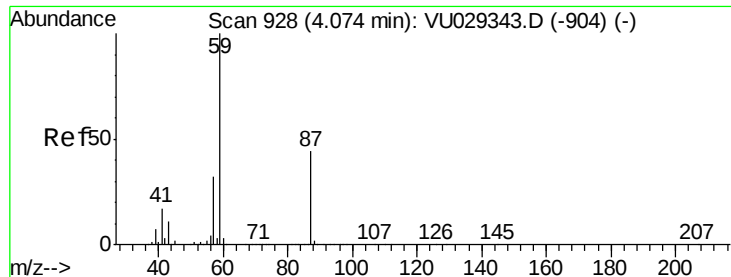
43 50.0 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0





#32

Ethyl-t-butyl ether

Concen: 0.234 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029366.D

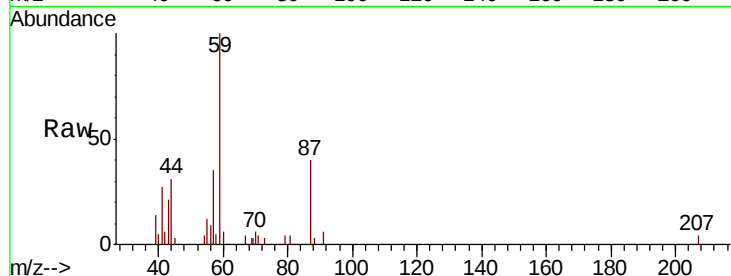
Acq: 07 Feb 2019 11:48

Tgt Ion: 59 Resp: 10201

Ion Ratio Lower Upper

59 100

87 42.3 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

4.07

4000

3000

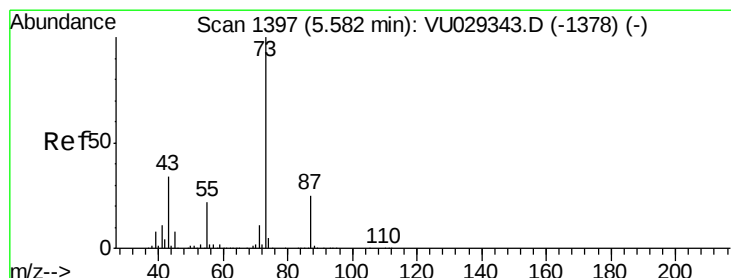
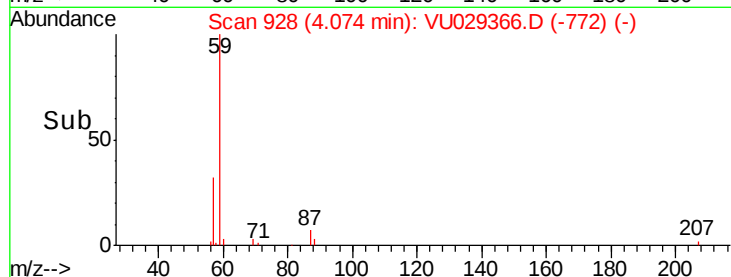
2000

1000

0

Time-->

4.00 4.05 4.10 4.15



#33

Tert-Amyl methyl ether

Concen: 0.243 ug/l

RT: 5.58 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

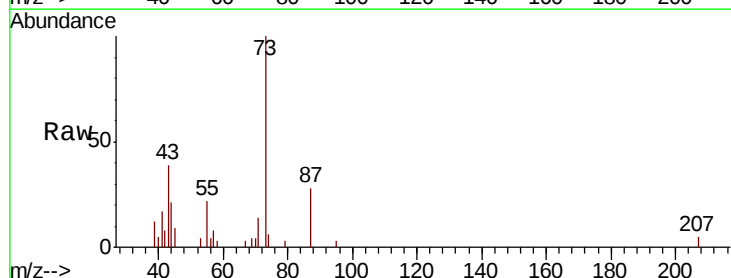
Tgt Ion: 73 Resp: 9576

Ion Ratio Lower Upper

73 100

87 24.0 19.4 29.0

71 14.2 9.0 13.4#



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

5000

4000

3000

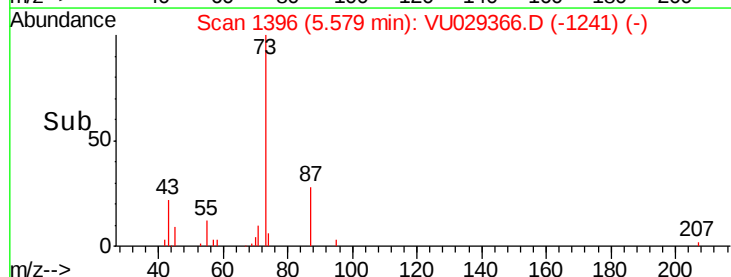
2000

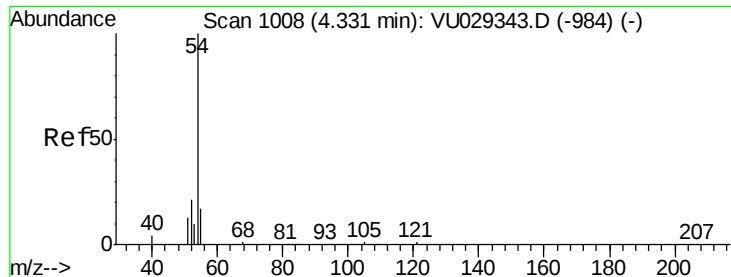
1000

0

Time-->

5.50 5.55 5.60 5.65





#34

Propionitrile

Concen: 1.110 ug/l

RT: 4.36 min Scan# 1016

Delta R.T. 0.03 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion: 54 Resp: 1147

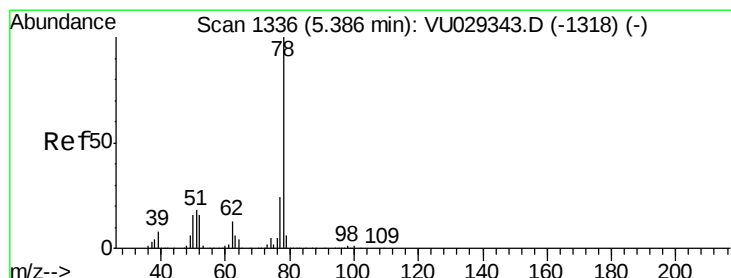
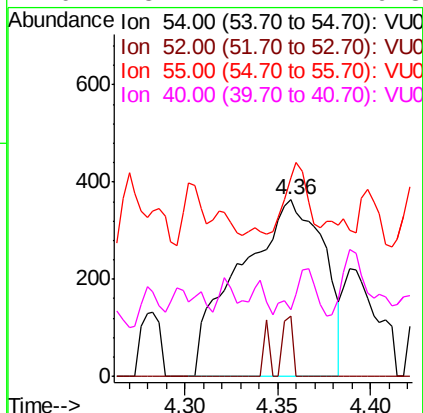
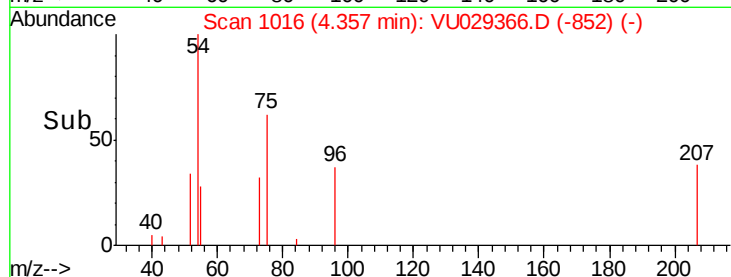
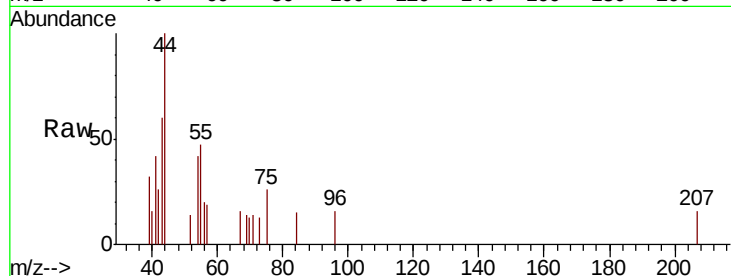
Ion Ratio Lower Upper

54 100

52 4.0 18.9 28.3#

55 10.0 15.1 22.7#

40 5.7 7.2 10.8#



#35

Benzene

Concen: 0.234 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029366.D

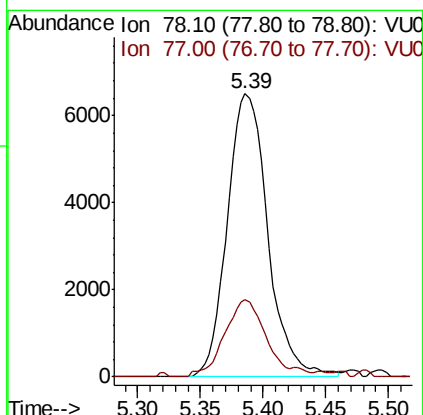
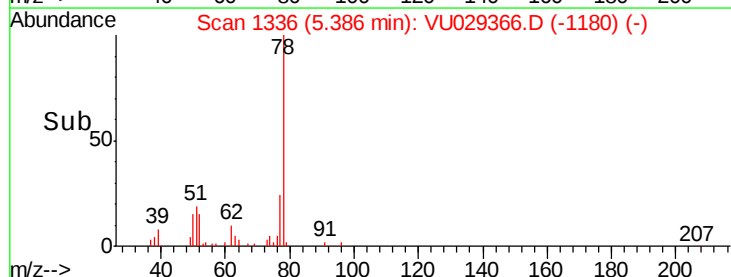
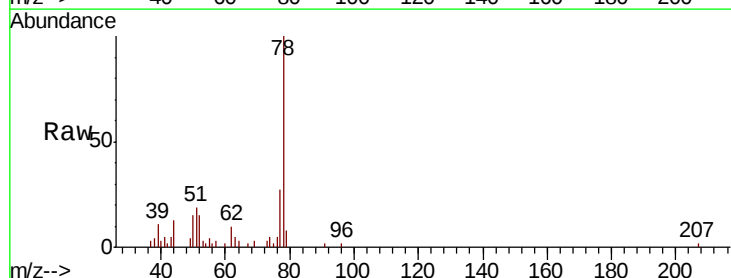
Acq: 07 Feb 2019 11:48

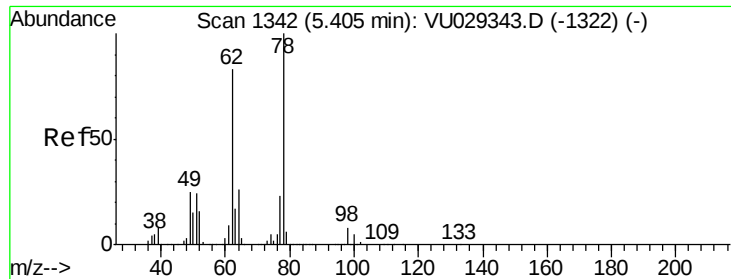
Tgt Ion: 78 Resp: 14638

Ion Ratio Lower Upper

78 100

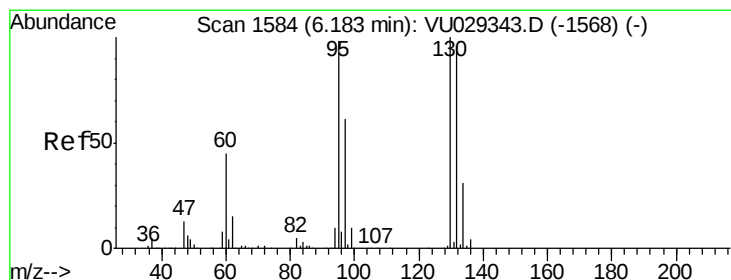
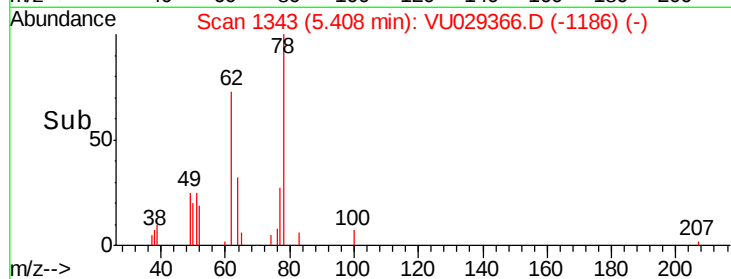
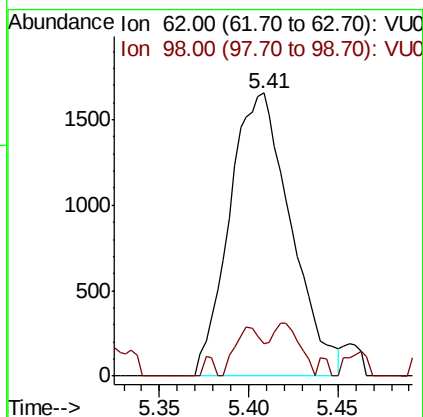
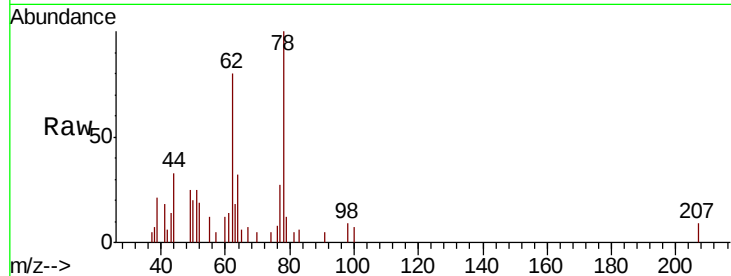
77 27.2 19.8 29.8





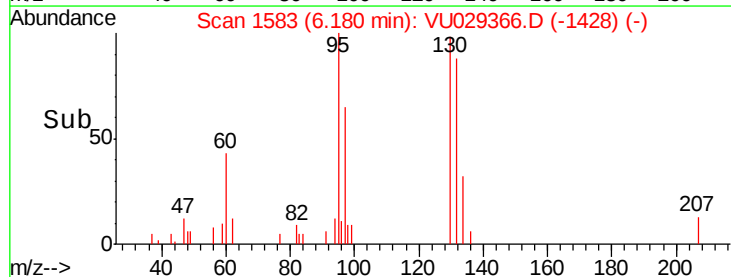
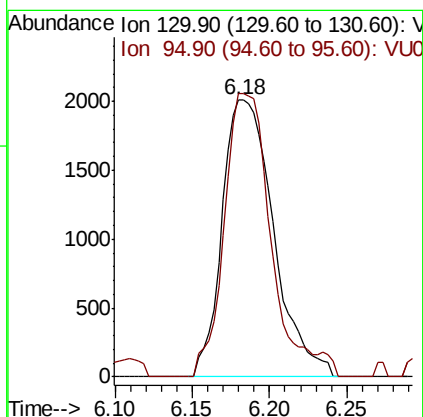
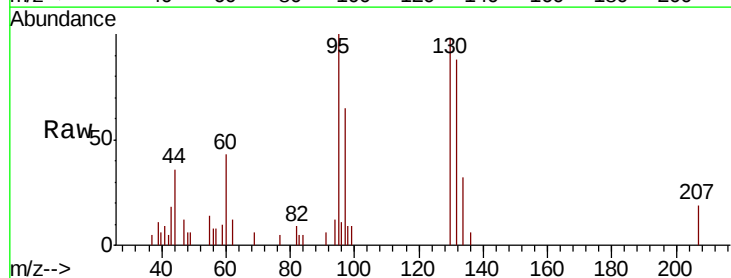
#36
 1,2-Dichloroethane
 Concen: 0.210 ug/l
 RT: 5.41 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

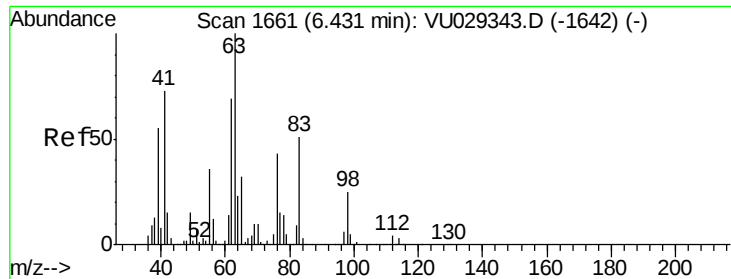
Tgt Ion: 62 Resp: 3969
 Ion Ratio Lower Upper
 62 100
 98 7.3 4.9 7.3#



#37
 Trichloroethene
 Concen: 0.259 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

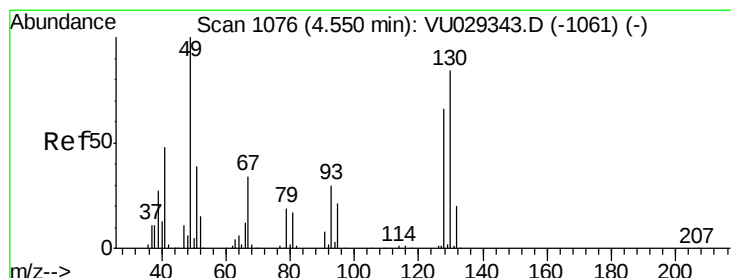
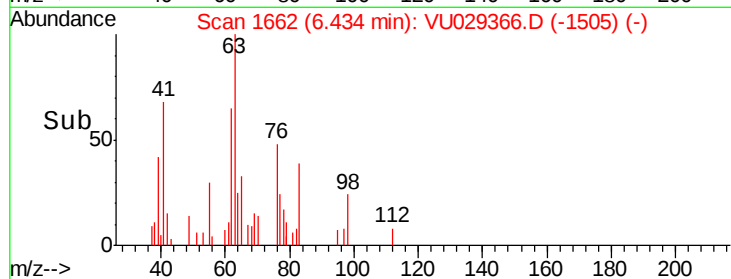
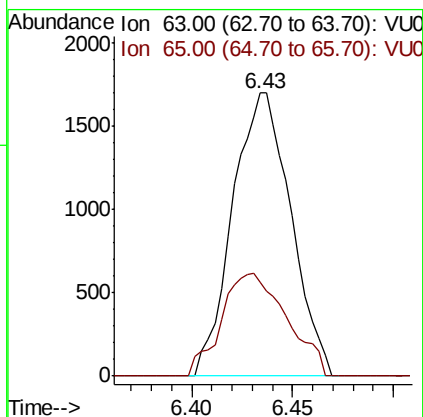
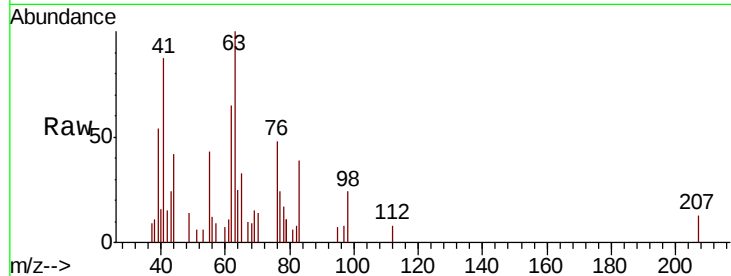
Tgt Ion: 130 Resp: 4639
 Ion Ratio Lower Upper
 130 100
 95 102.0 85.4 128.0





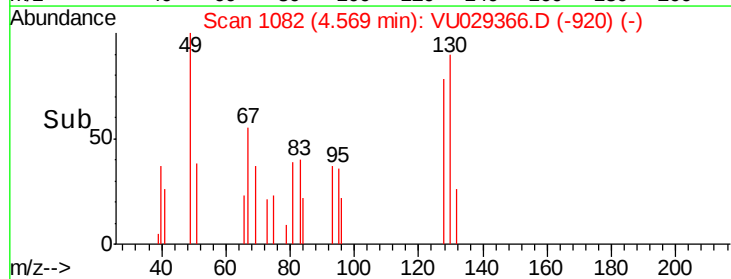
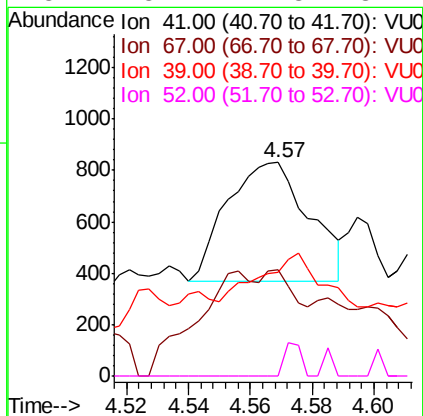
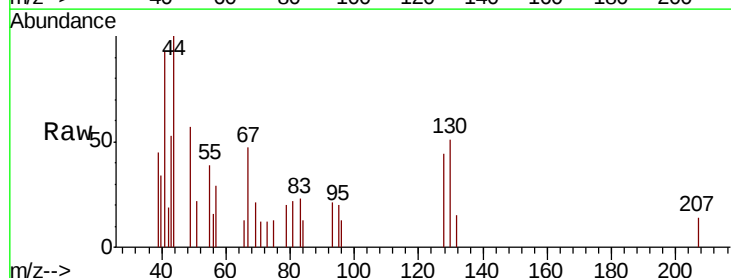
#38
 1,2-Dichloropropane
 Concen: 0.211 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

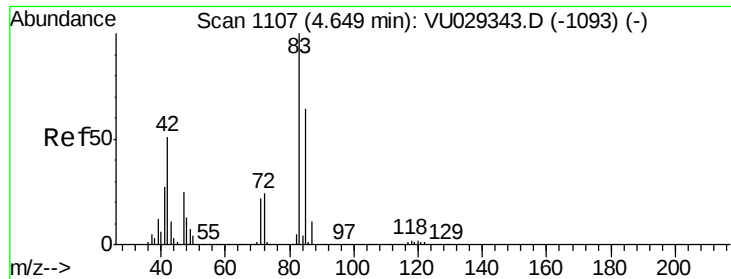
Tgt Ion: 63 Resp: 3420
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.5 38.3



#39
 Methacrylonitrile
 Concen: 0.160 ug/l
 RT: 4.57 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion: 41 Resp: 847
 Ion Ratio Lower Upper
 41 100
 67 67.5 50.1 75.1
 39 34.2 47.9 71.9#
 52 5.7 24.8 37.2#





#41

Tetrahydrofuran

Concen: 0.406 ug/l

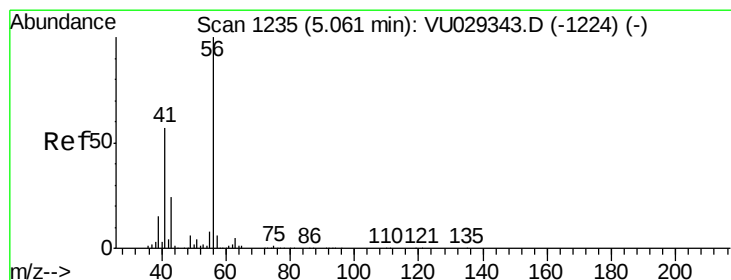
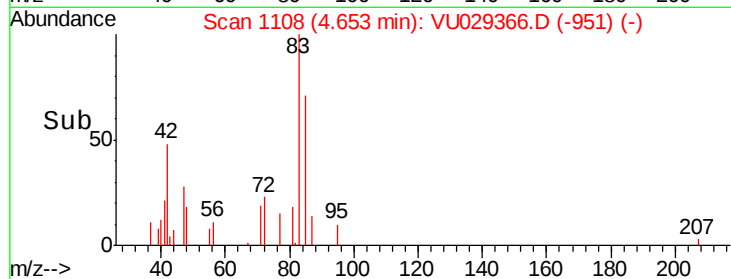
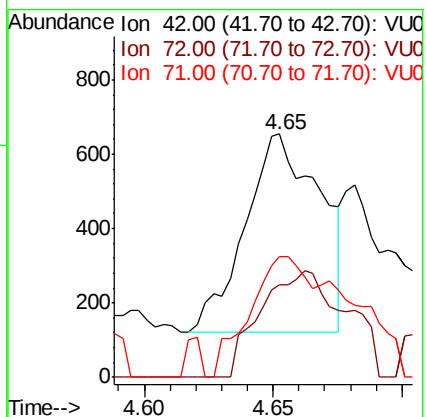
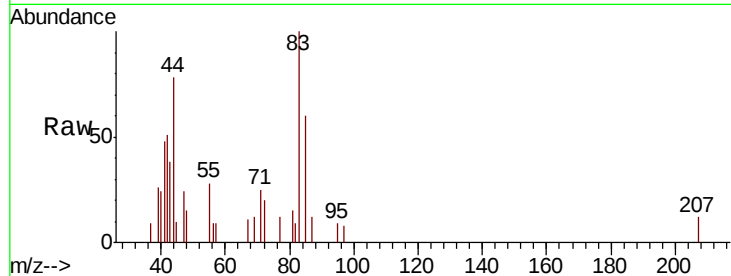
RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion:	42	Resp:	1081
Ion	Ratio	Lower	Upper
42	100		
72	60.8	33.1	49.7#
71	81.9	30.2	45.2#



#42

1-Chlorobutane

Concen: 0.238 ug/l

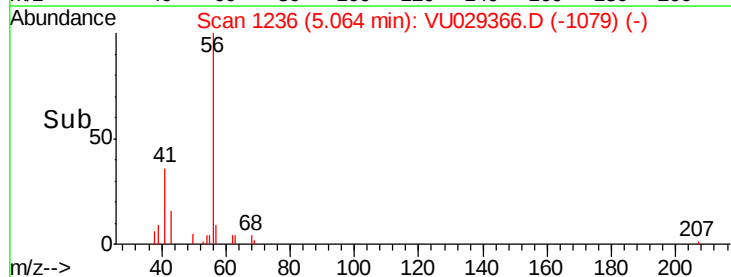
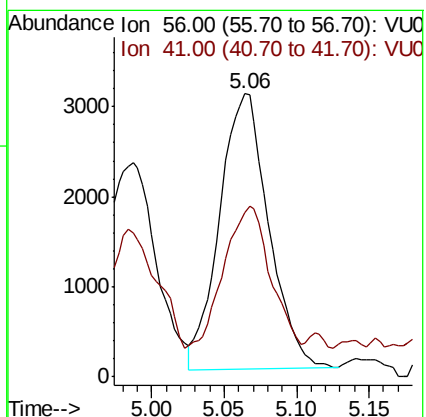
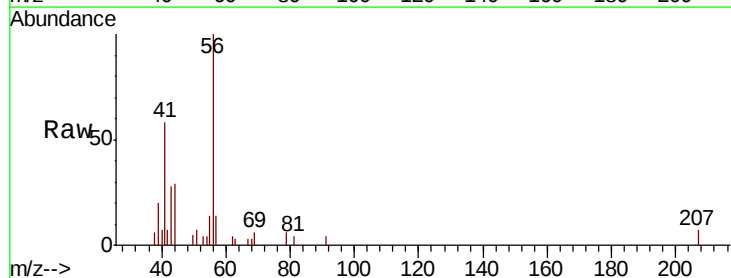
RT: 5.06 min Scan# 1236

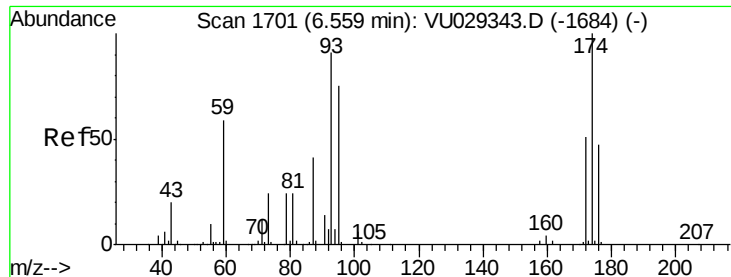
Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

Tgt Ion:	56	Resp:	7189
Ion	Ratio	Lower	Upper
56	100		
41	48.6	31.3	93.8





#43

Dibromomethane

Concen: 0.223 ug/l

RT: 6.57 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

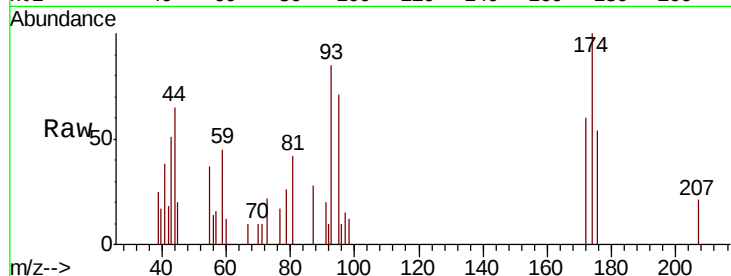
Tgt Ion: 93 Resp: 1931

Ion Ratio Lower Upper

93 100

95 94.4 68.2 102.2

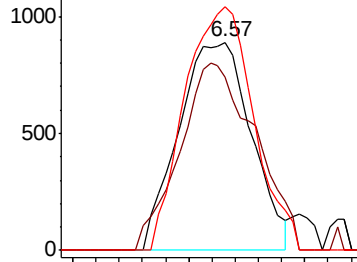
174 111.0 77.6 116.4



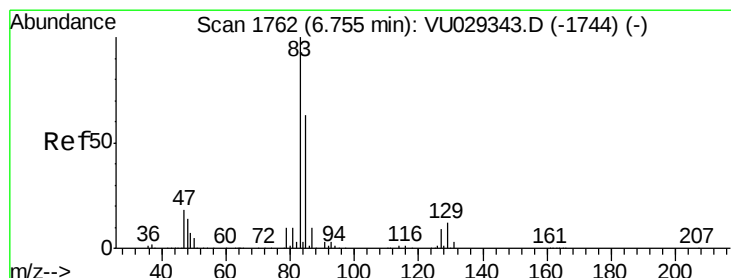
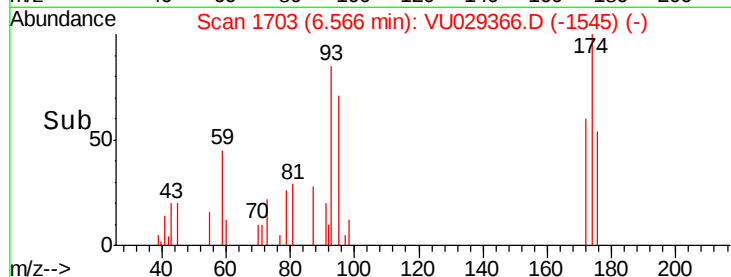
Abundance Ion 93.00 (92.70 to 93.70): VU029343.D (-1684) (-)

Ion 95.00 (94.70 to 95.70): VU029343.D (-1684) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-1684) (-)



Time-->



#44

Bromodichloromethane

Concen: 0.251 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

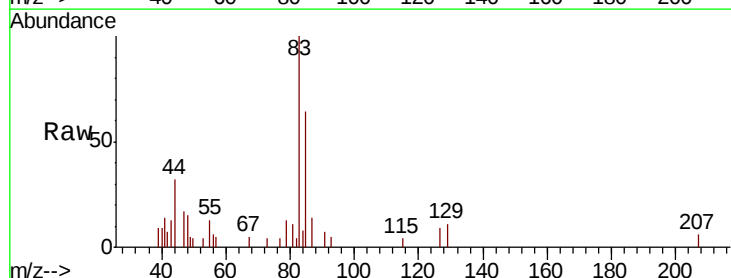
Tgt Ion: 83 Resp: 5533

Ion Ratio Lower Upper

83 100

85 63.9 49.2 73.8

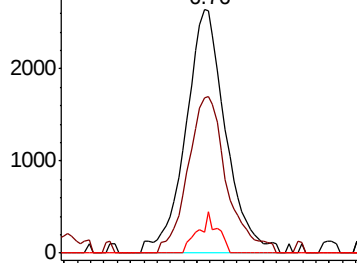
127 8.8 7.0 10.6



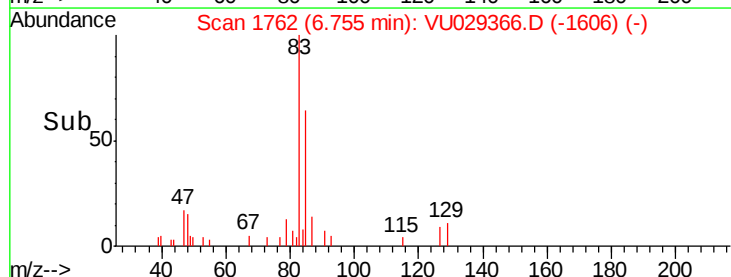
Abundance Ion 83.00 (82.70 to 83.70): VU029343.D (-1744) (-)

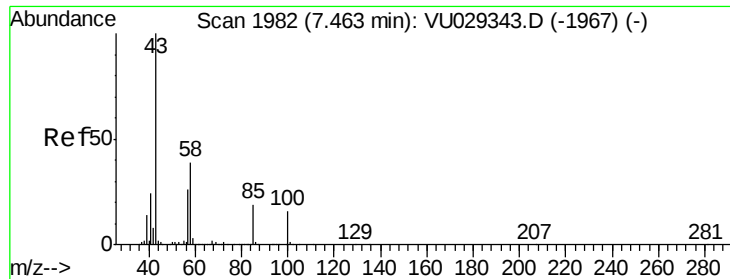
Ion 85.00 (84.70 to 85.70): VU029343.D (-1744) (-)

Ion 127.00 (126.70 to 127.70): VU029343.D (-1744) (-)



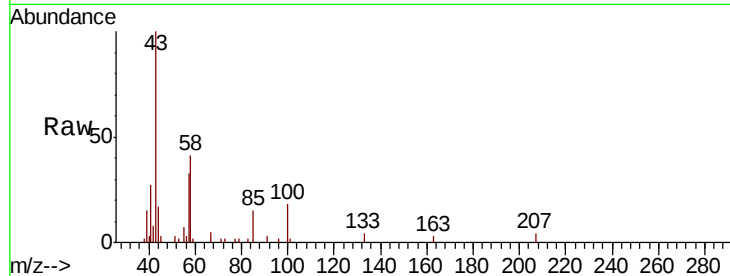
Time-->



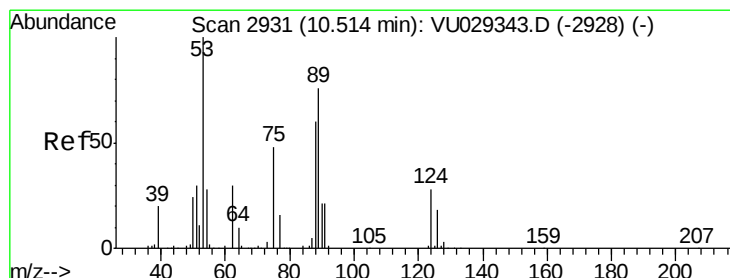
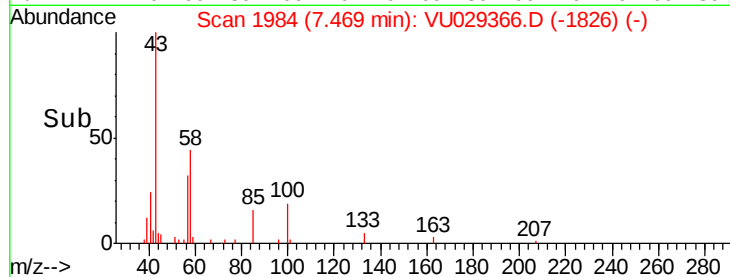
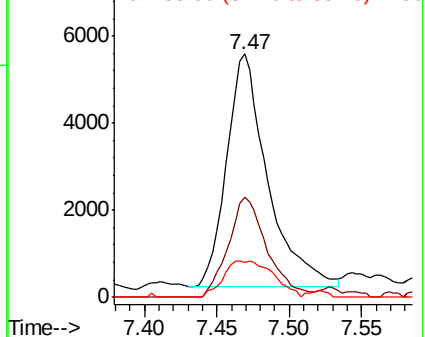


#45
 4-Methyl-2-Pentanone
 Concen: 1.032 ug/l
 RT: 7.47 min Scan# 1984
 Delta R.T. 0.01 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:	43	Resp:	10475
Ion	Ratio	Lower	Upper
43	100		
58	40.6	17.6	52.8
85	19.0	12.3	18.5#

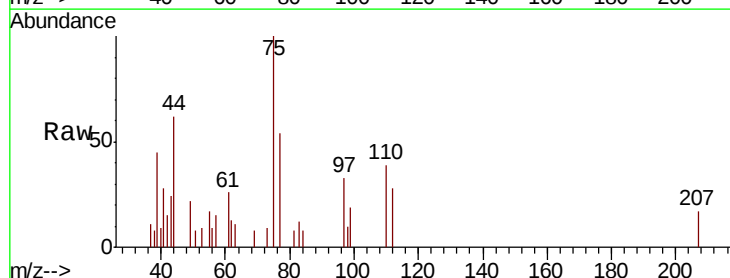


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

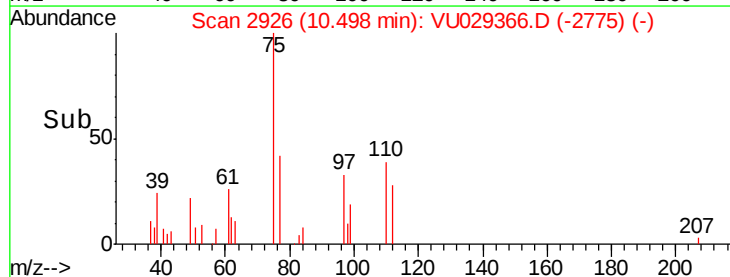
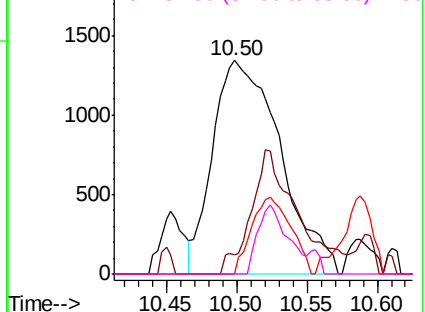


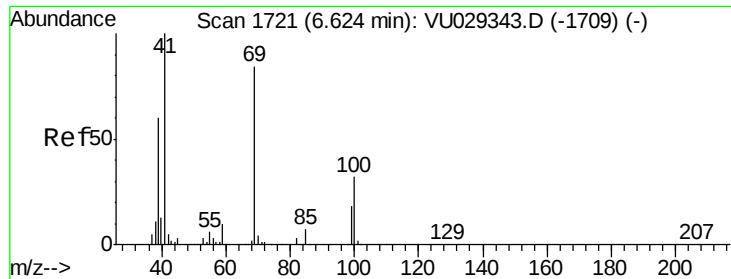
#46
 t-1,4-Dichloro-2-butene
 Concen: 0.911 ug/l
 RT: 10.50 min Scan# 2926
 Delta R.T. -0.02 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:	75	Resp:	4506
Ion	Ratio	Lower	Upper
75	100		
53	40.1	78.2	117.4#
89	20.8	44.2	66.4#
88	14.3	41.4	62.2#



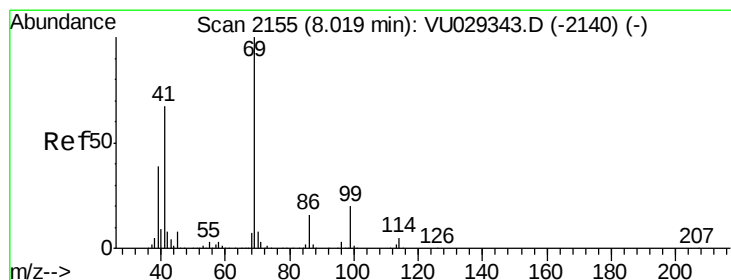
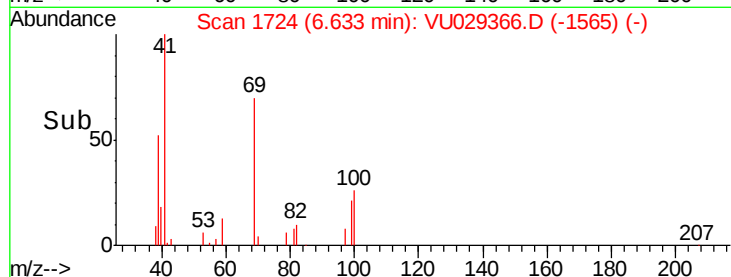
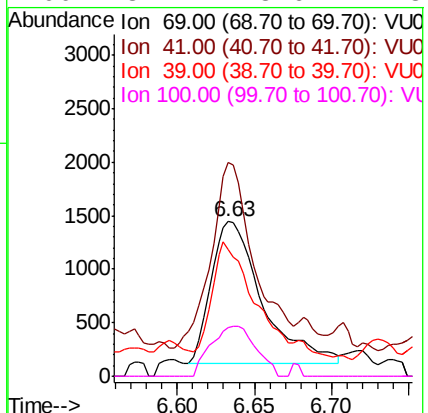
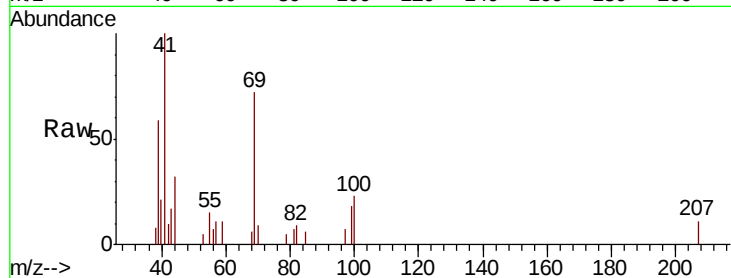
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 53.00 (52.70 to 53.70): VU0
 Ion 88.80 (88.50 to 89.50): VU0
 Ion 87.80 (87.50 to 88.50): VU0





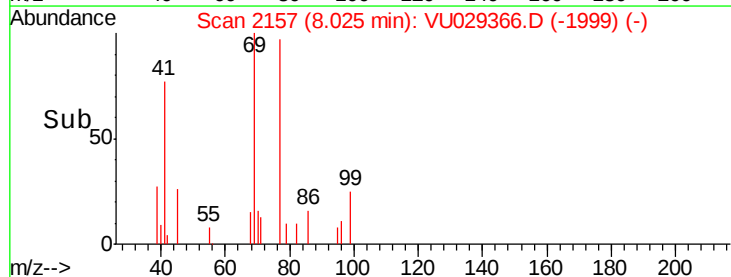
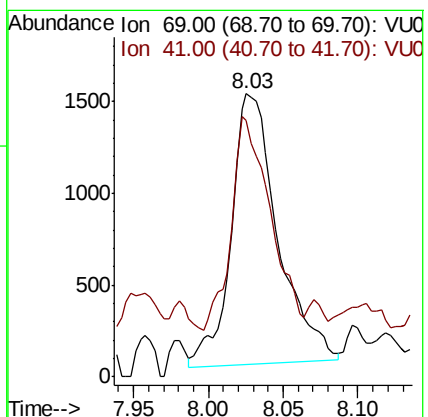
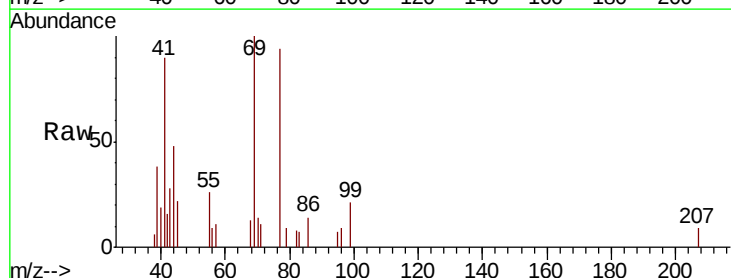
#47
Methyl methacrylate
Concen: 0.397 ug/l
RT: 6.63 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

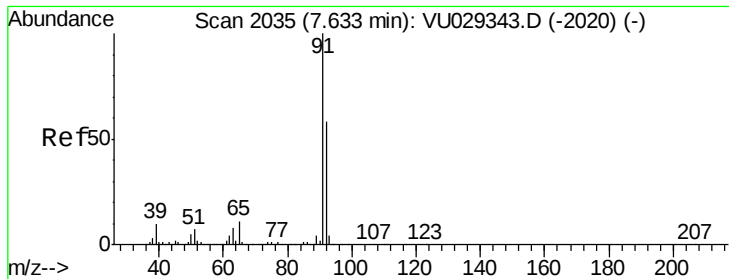
Tgt Ion: 69 Resp: 3023
Ion Ratio Lower Upper
69 100
41 110.2 0.0 296.2
39 60.4 71.2 106.8#
100 31.2 28.6 42.8



#48
Ethyl methacrylate
Concen: 0.196 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 69 Resp: 3198
Ion Ratio Lower Upper
69 100
41 66.2 39.9 119.7





#49

Toluene

Concen: 0.219 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029366.D

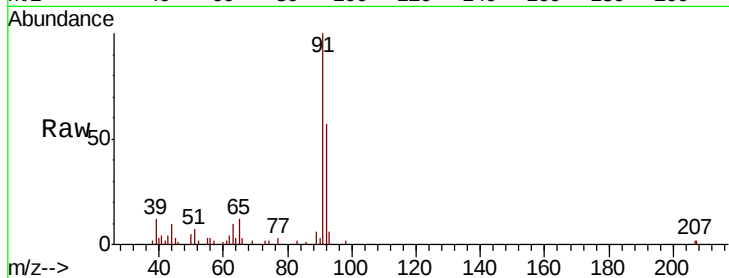
Acq: 07 Feb 2019 11:48

Tgt Ion: 92 Resp: 8752

Ion Ratio Lower Upper

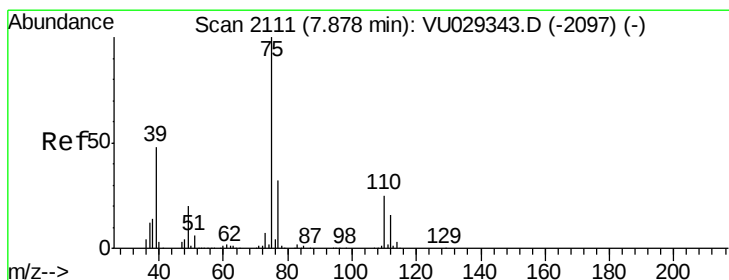
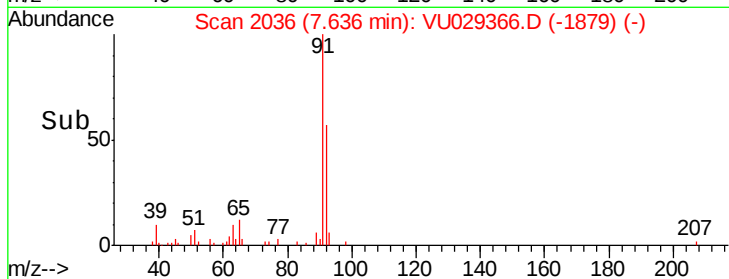
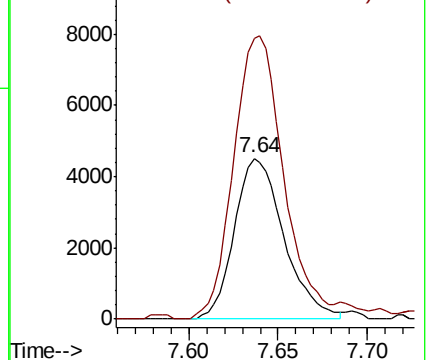
92 100

91 177.4 140.7 211.1



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: 0.205 ug/l

RT: 7.89 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VU029366.D

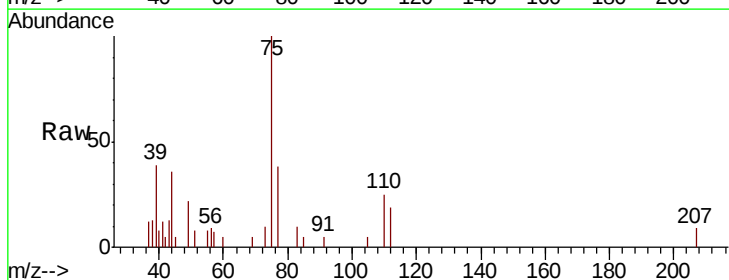
Acq: 07 Feb 2019 11:48

Tgt Ion: 75 Resp: 4443

Ion Ratio Lower Upper

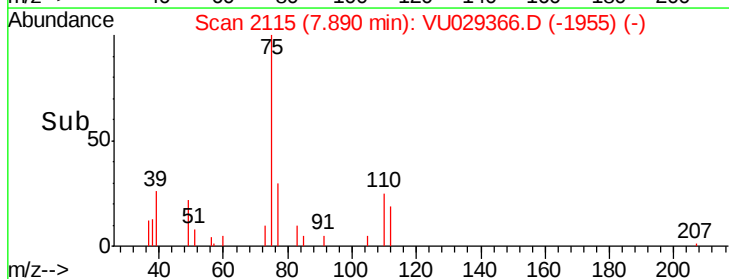
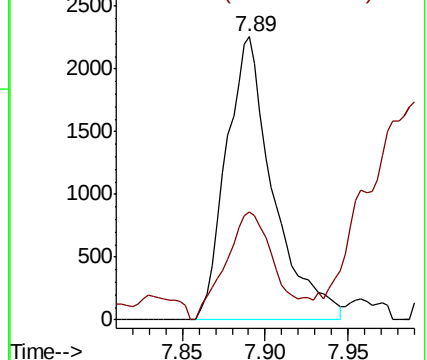
75 100

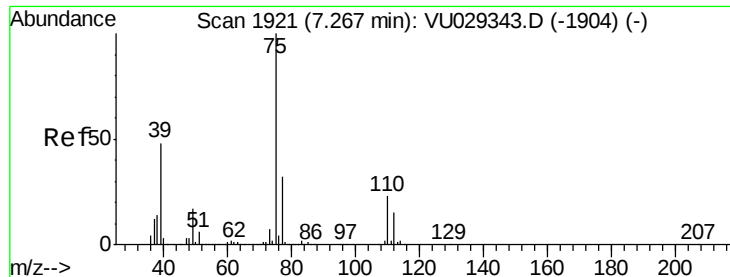
77 38.2 23.6 35.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

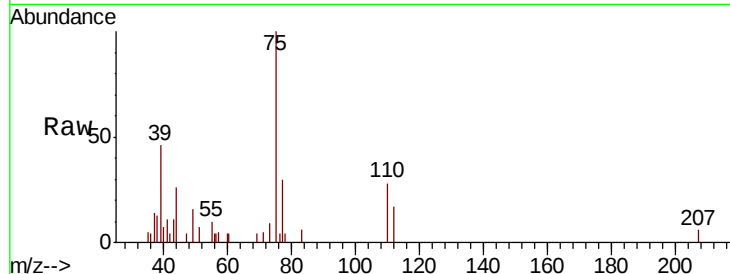




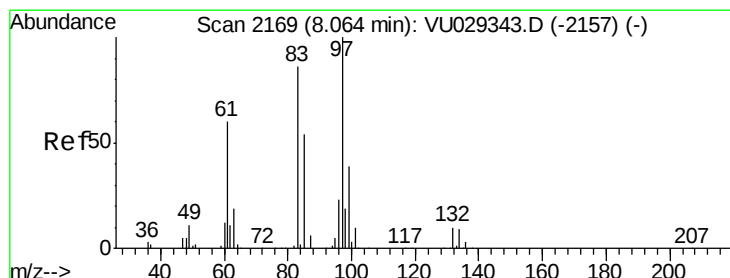
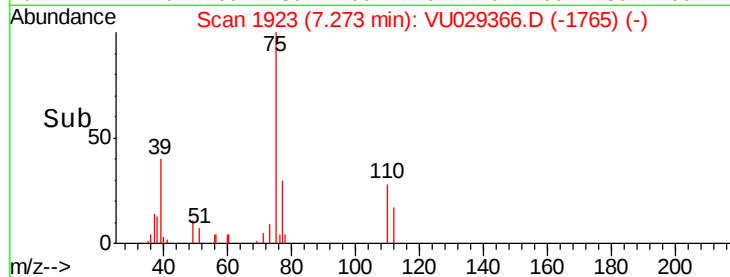
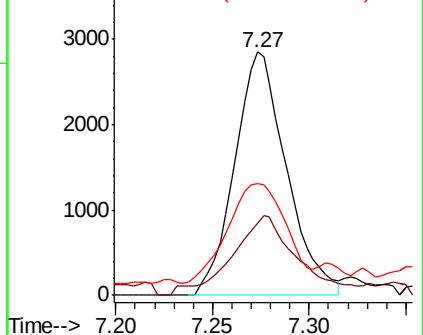
#51

cis-1,3-Dichloropropene
 Concen: 0.207 ug/l
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	25.7	24.9	37.3
39	40.5	47.2	70.8#



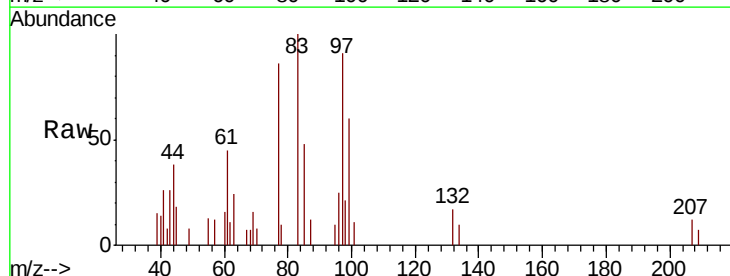
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



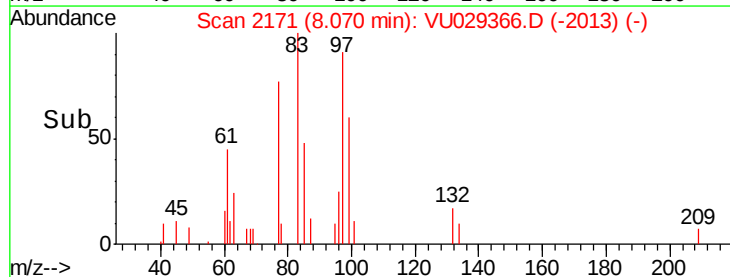
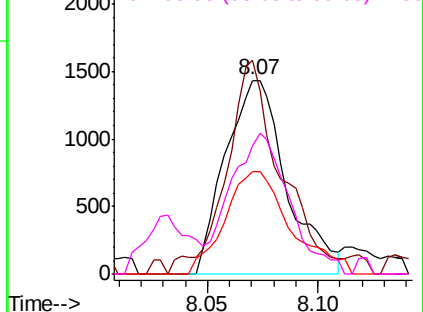
#52

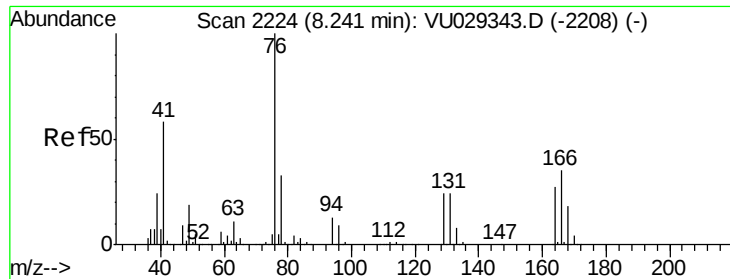
1,1,2-Trichloroethane
 Concen: 0.241 ug/l
 RT: 8.07 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	102.7	69.9	104.9
85	52.8	45.8	68.6
99	58.4	50.2	75.2



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





#53

1,3-Dichloropropane

Concen: 0.223 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.00 min

Lab File: VU029366.D

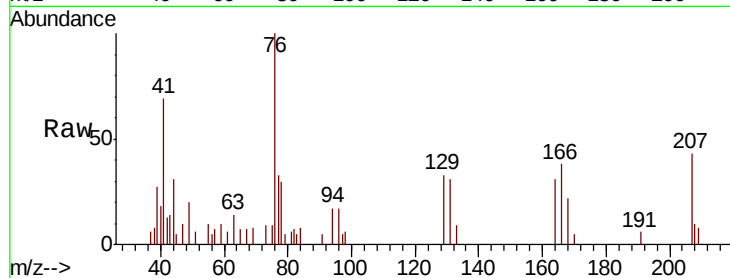
Acq: 07 Feb 2019 11:48

Tgt Ion: 76 Resp: 4498

Ion Ratio Lower Upper

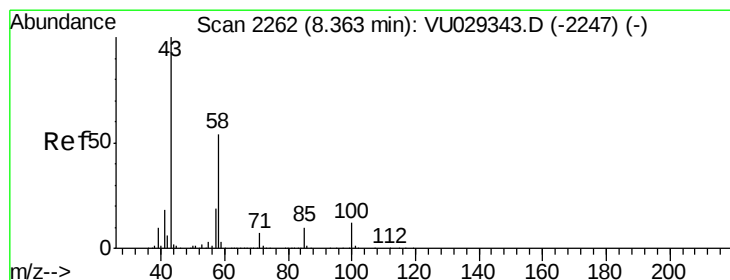
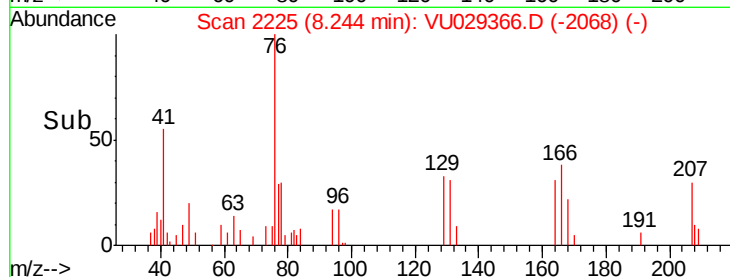
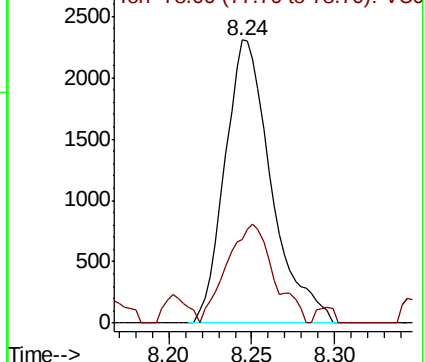
76 100

78 35.2 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 0.895 ug/l

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

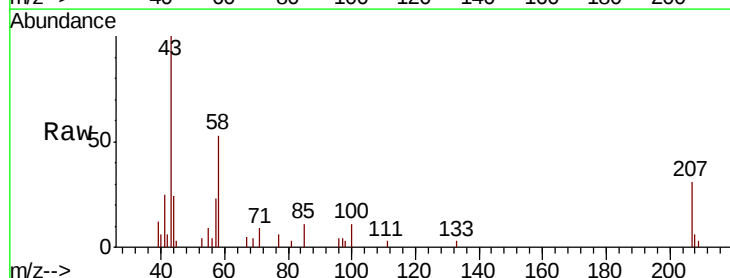
Tgt Ion: 43 Resp: 6364

Ion Ratio Lower Upper

43 100

58 63.6 26.0 66.0

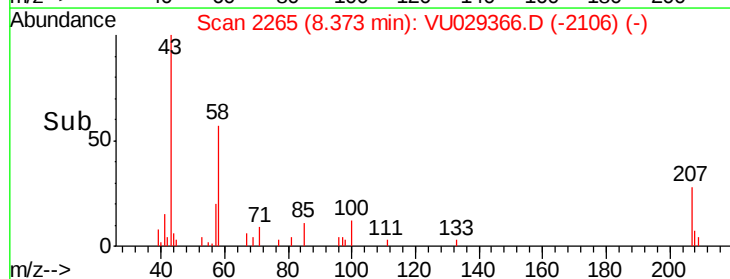
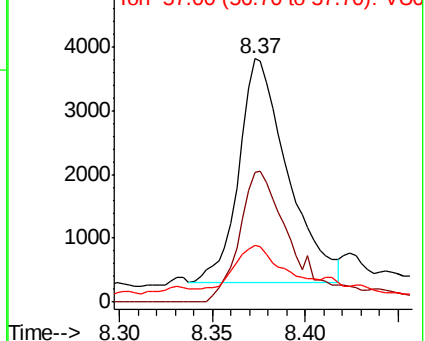
57 17.1 0.0 37.7

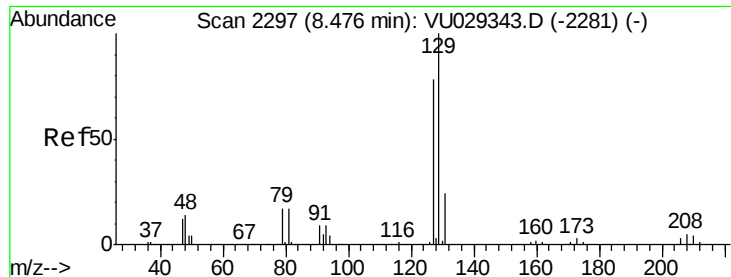


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 0.231 ug/l

RT: 8.48 min Scan# 2298

Delta R.T. 0.00 min

Lab File: VU029366.D

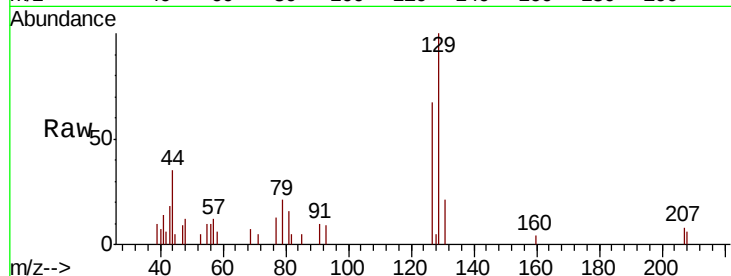
Acq: 07 Feb 2019 11:48

Tgt Ion:129 Resp: 3765

Ion Ratio Lower Upper

129 100

127 71.8 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

2500

2000

1500

1000

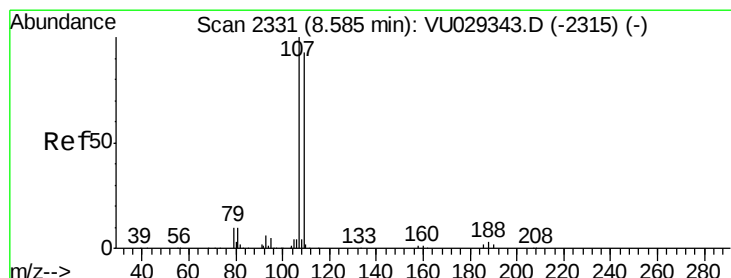
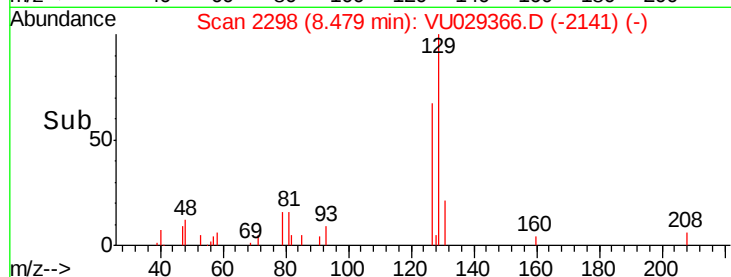
500

0

8.45

8.50

Time-->



#56

1,2-Dibromoethane

Concen: 0.250 ug/l

RT: 8.59 min Scan# 2333

Delta R.T. 0.01 min

Lab File: VU029366.D

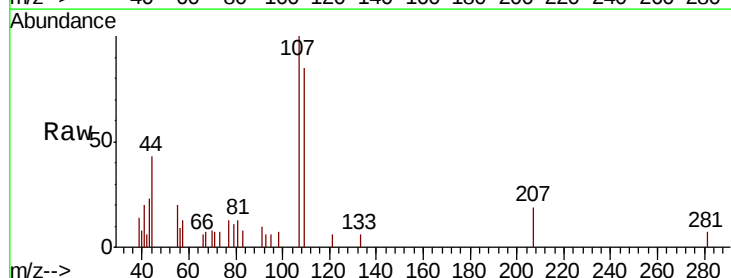
Acq: 07 Feb 2019 11:48

Tgt Ion:107 Resp: 2941

Ion Ratio Lower Upper

107 100

109 93.6 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

2000

1500

1000

500

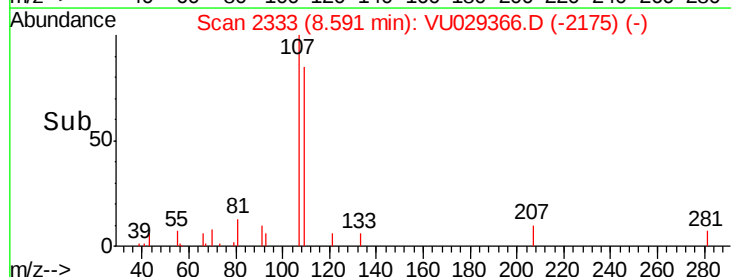
0

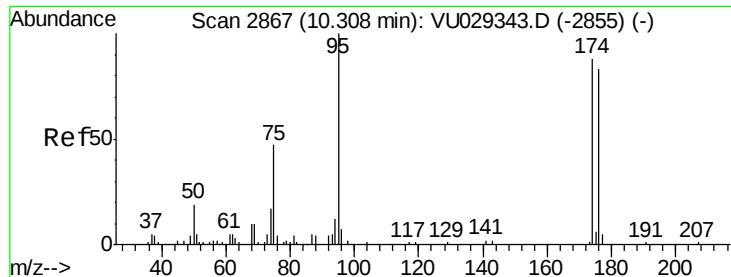
8.55

8.60

8.65

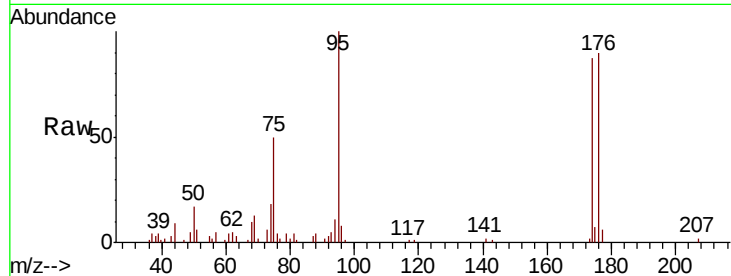
Time-->



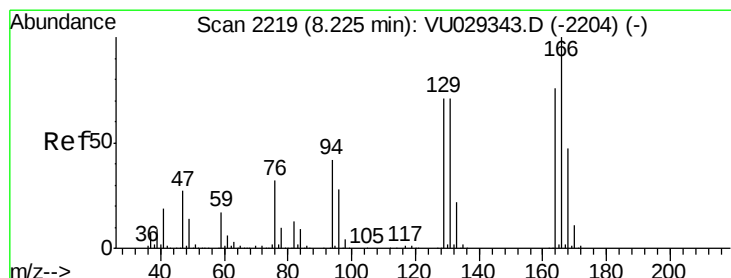
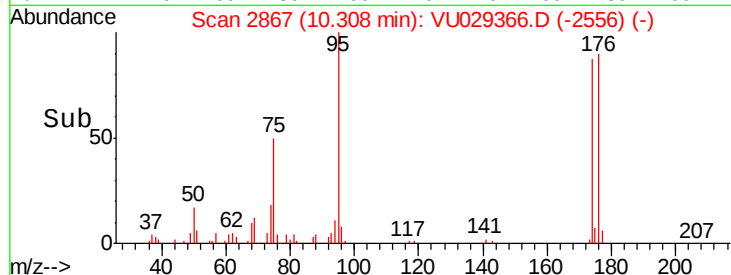
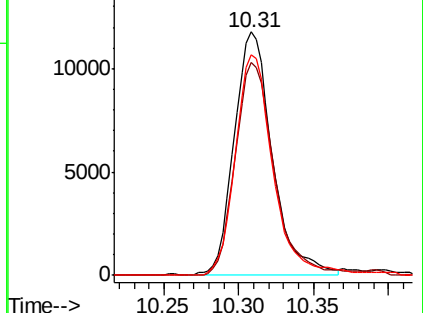


#57
4-Bromofluorobenzene
Concen: 0.250 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 95 Resp: 21027
Ion Ratio Lower Upper
95 100
174 88.4 64.2 96.2
176 89.7 62.3 93.5

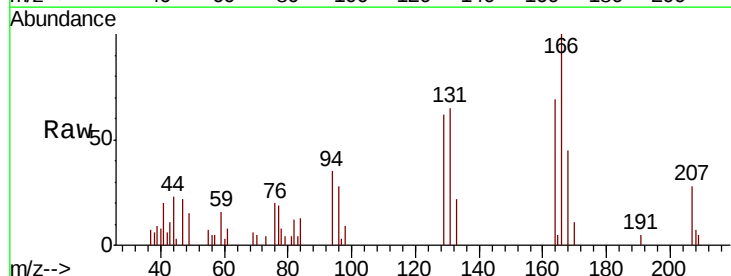


Abundance Ion 95.00 (94.70 to 95.70): VU029343.D (-2855) (-)
Ion 174.00 (173.70 to 174.70): VU029343.D (-2855) (-)
Ion 176.00 (175.70 to 176.70): VU029343.D (-2855) (-)

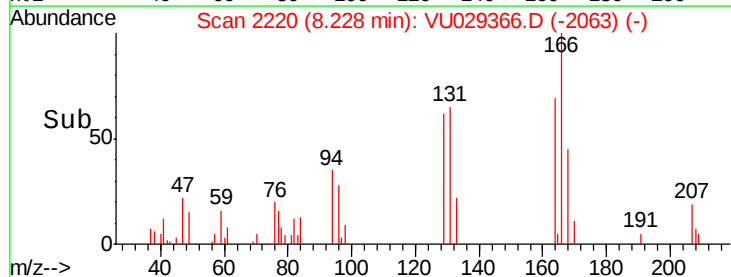
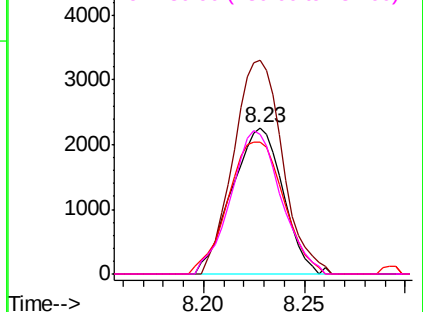


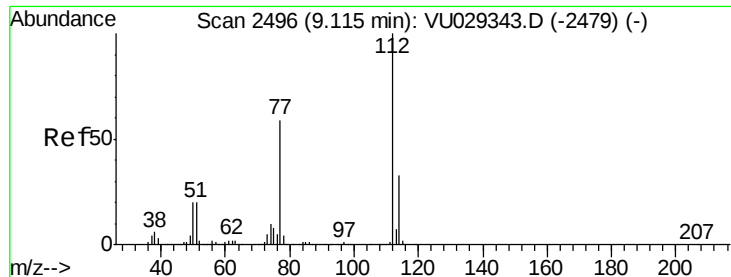
#58
Tetrachloroethene
Concen: 0.240 ug/l
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 164 Resp: 4006
Ion Ratio Lower Upper
164 100
166 145.7 106.6 159.8
129 89.9 79.9 119.9
131 94.9 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029343.D (-2204) (-)
Ion 165.80 (165.50 to 166.50): VU029343.D (-2204) (-)
Ion 128.90 (128.60 to 129.60): VU029343.D (-2204) (-)
Ion 130.90 (130.60 to 131.60): VU029343.D (-2204) (-)





#59

Chlorobenzene

Concen: 0.230 ug/l

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

Lab File: VU029366.D

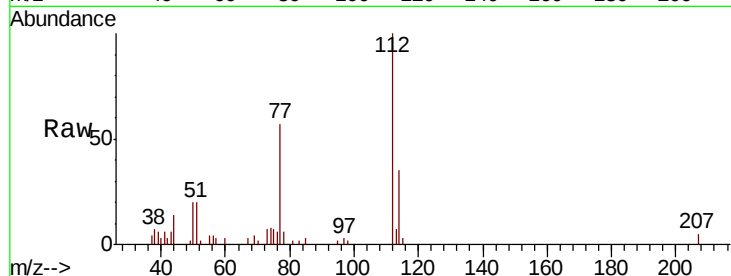
Acq: 07 Feb 2019 11:48

Tgt Ion:112 Resp: 10348

Ion Ratio Lower Upper

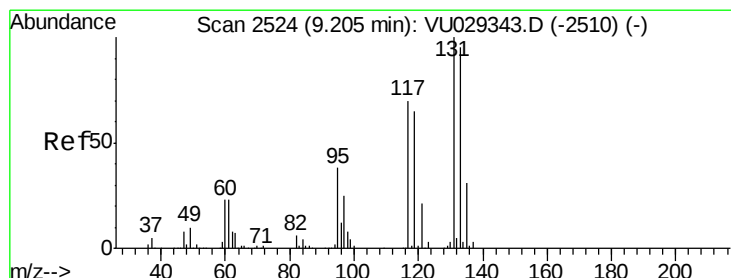
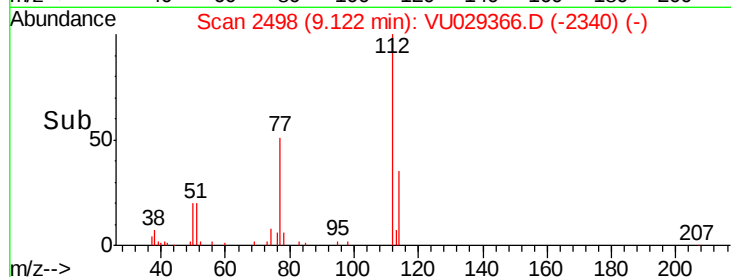
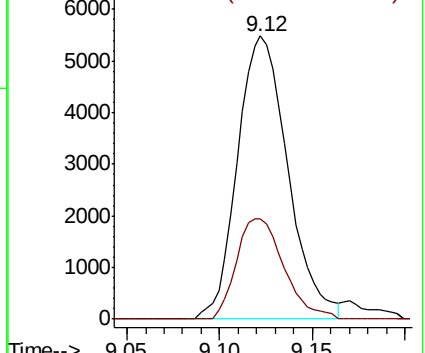
112 100

114 35.3 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.245 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

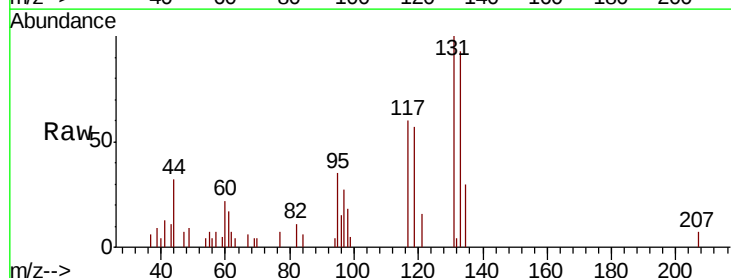
Tgt Ion:131 Resp: 4075

Ion Ratio Lower Upper

131 100

133 94.6 77.3 115.9

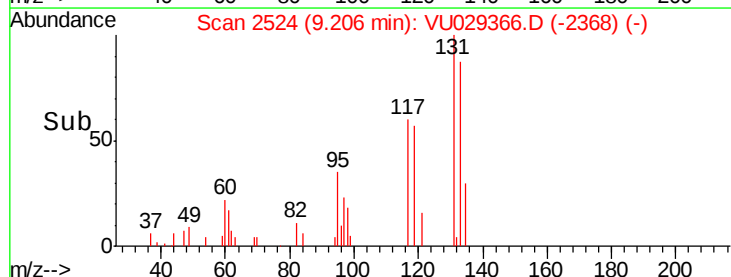
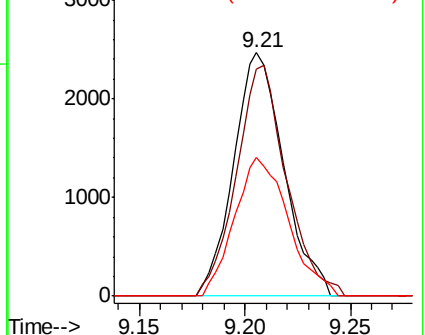
119 61.3 48.9 73.3

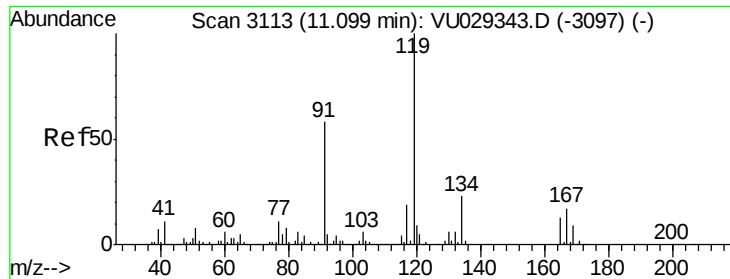


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

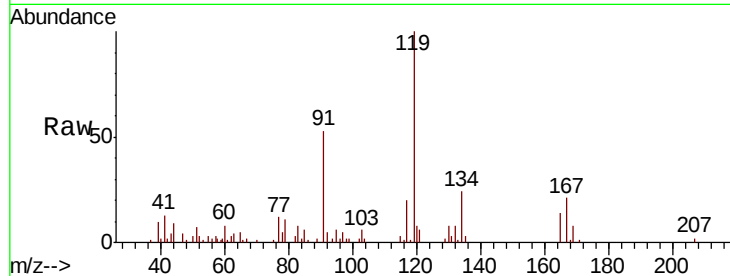
Ion 119.00 (118.70 to 119.70): V



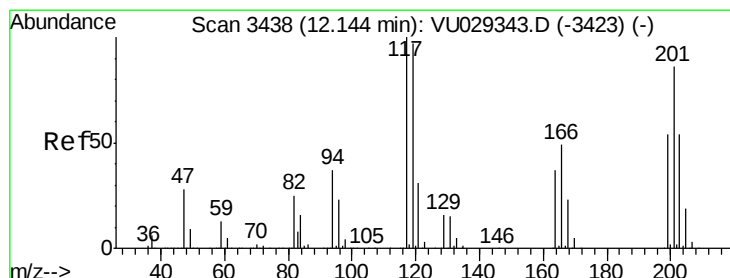
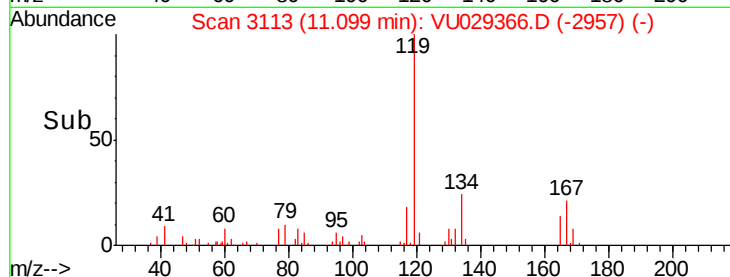
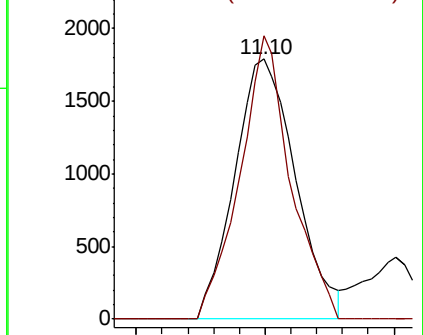


#61
 Pentachloroethane
 Concen: 0.228 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:117 Resp: 2943
 Ion Ratio Lower Upper
 117 100
 167 90.8 65.9 98.9

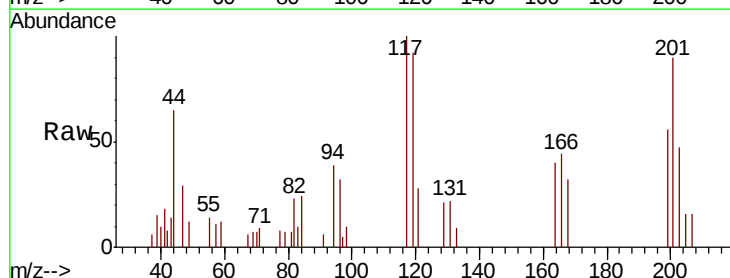


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

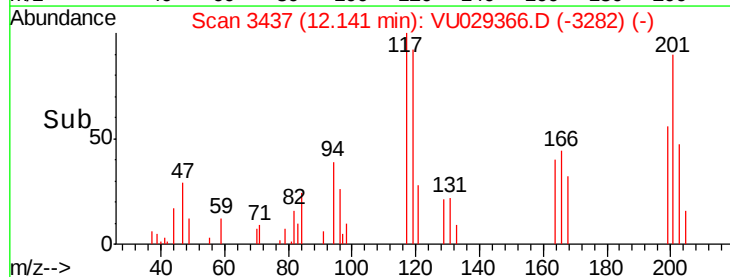
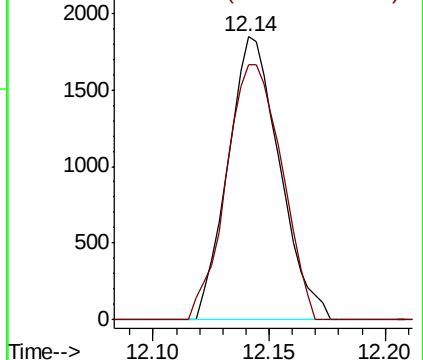


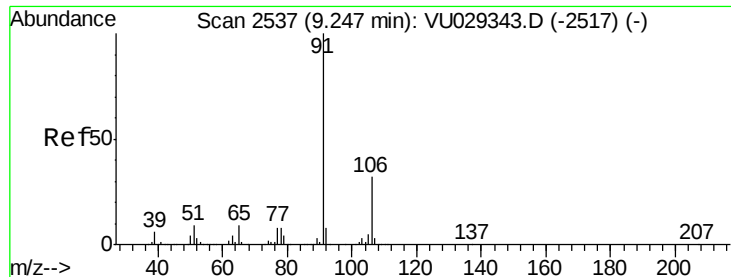
#62
 Hexachloroethane
 Concen: 0.203 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:117 Resp: 2853
 Ion Ratio Lower Upper
 117 100
 201 97.0 68.2 102.2



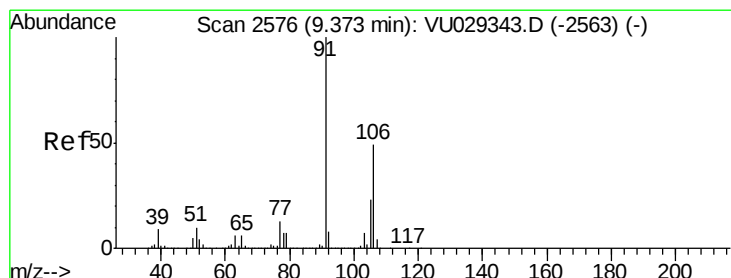
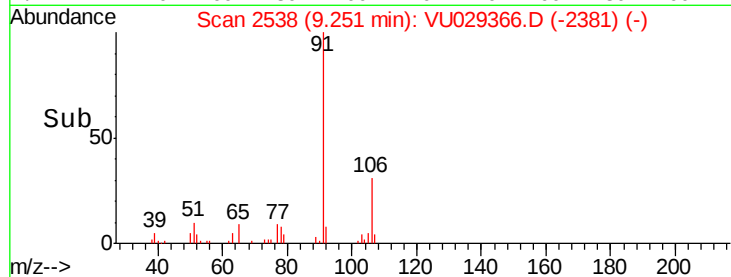
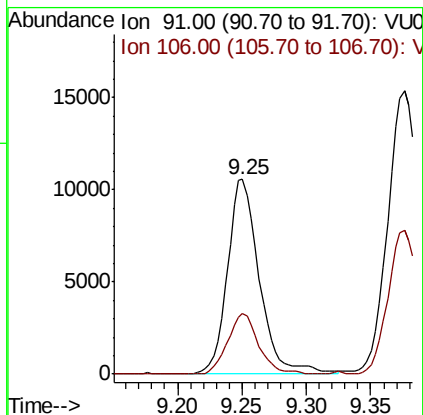
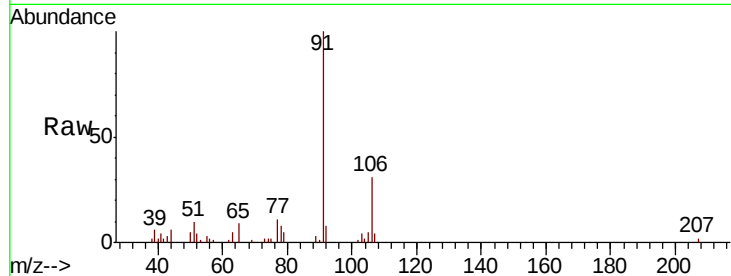
Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V





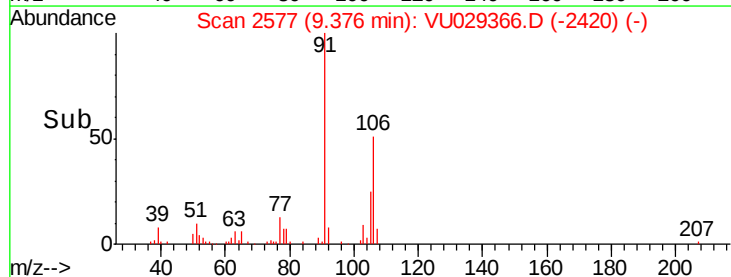
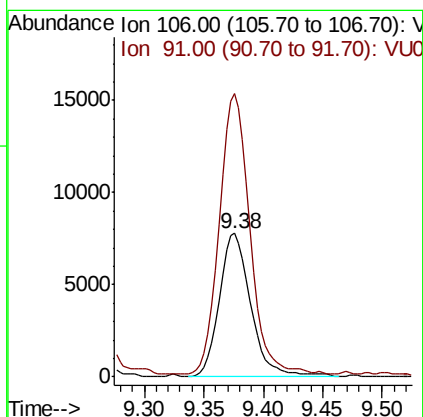
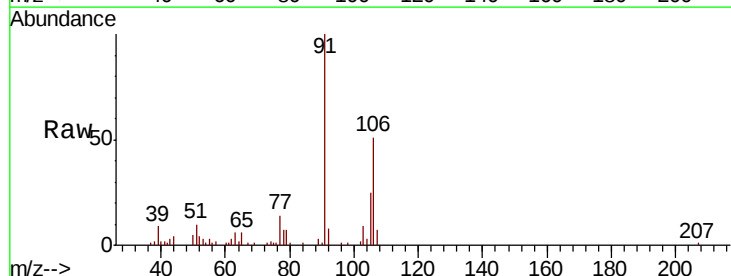
#63
Ethyl Benzene
Concen: 0.233 ug/l
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

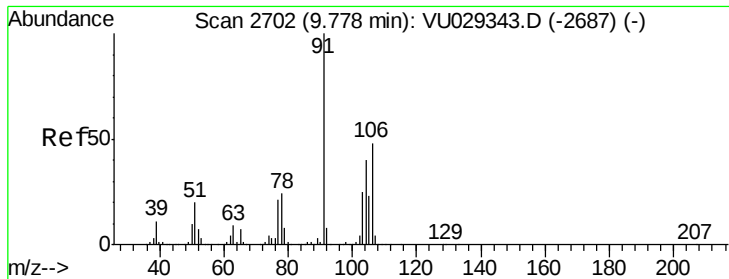
Tgt Ion: 91 Resp: 18201
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6



#64
m/p-Xylenes
Concen: 0.471 ug/l
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion: 106 Resp: 14320
Ion Ratio Lower Upper
106 100
91 191.1 174.6 261.8





#65

o-Xylene

Concen: 0.228 ug/l

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VU029366.D

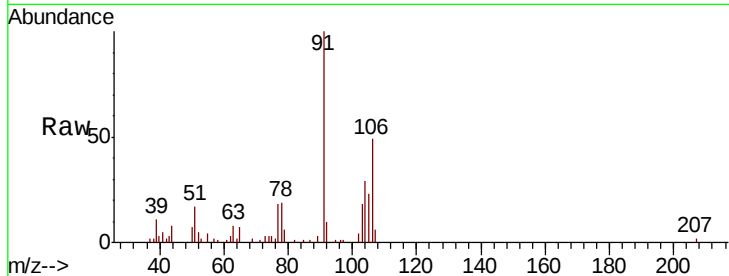
Acq: 07 Feb 2019 11:48

Tgt Ion:106 Resp: 6811

Ion Ratio Lower Upper

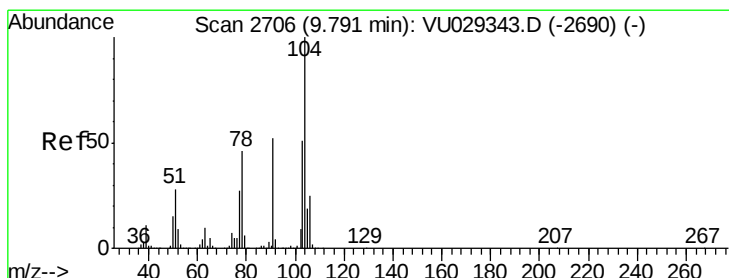
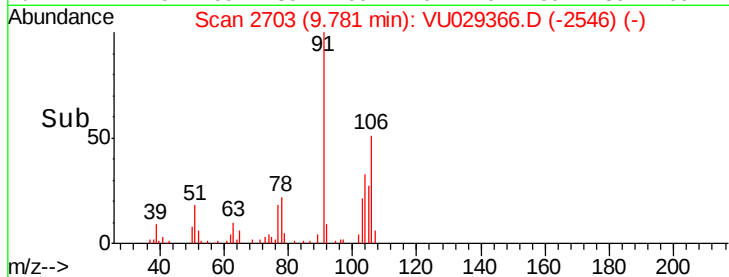
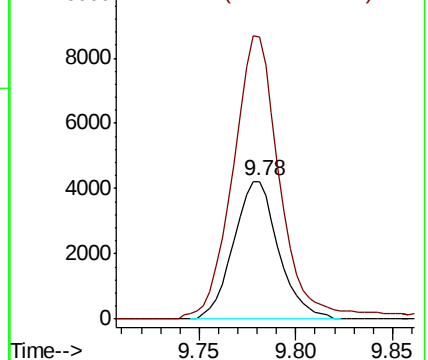
106 100

91 213.6 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 0.220 ug/l

RT: 9.79 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

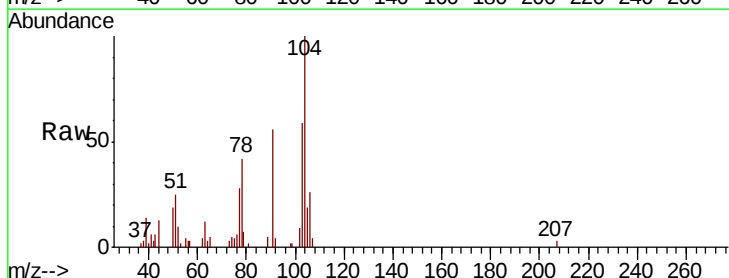
Tgt Ion:104 Resp: 10921

Ion Ratio Lower Upper

104 100

78 49.7 46.5 69.7

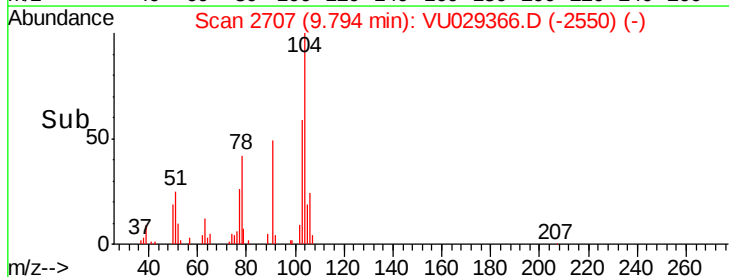
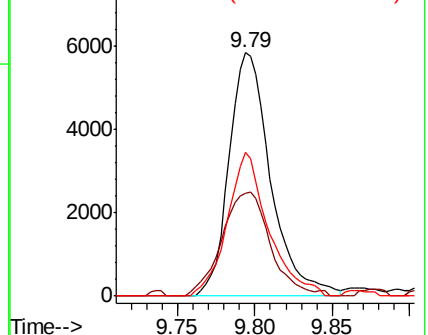
103 58.1 44.7 67.1

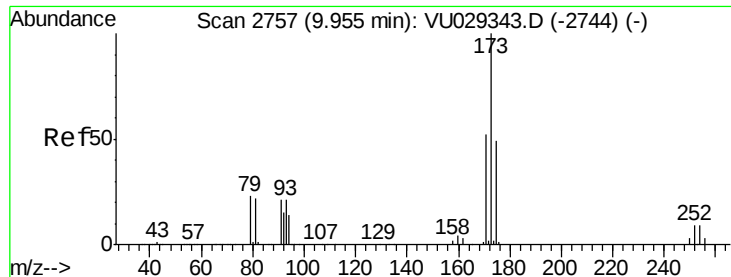


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.211 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

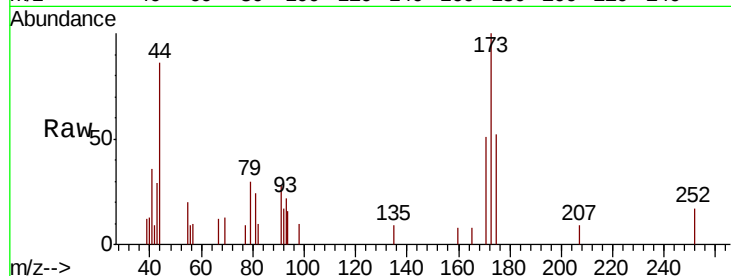
Tgt Ion:173 Resp: 2138

Ion Ratio Lower Upper

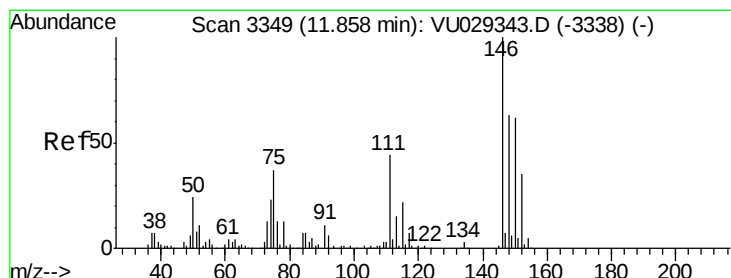
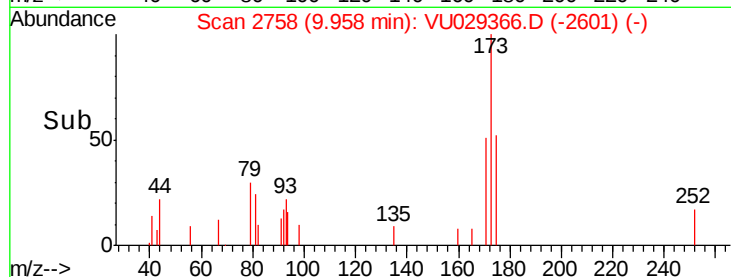
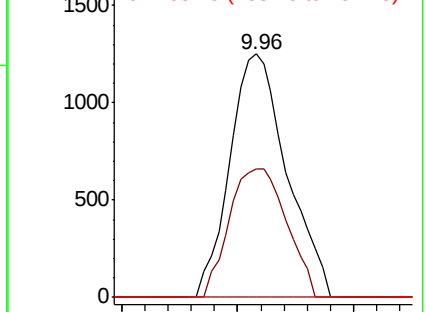
173 100

175 52.9 38.9 58.3

254 0.0 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: 0.211 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

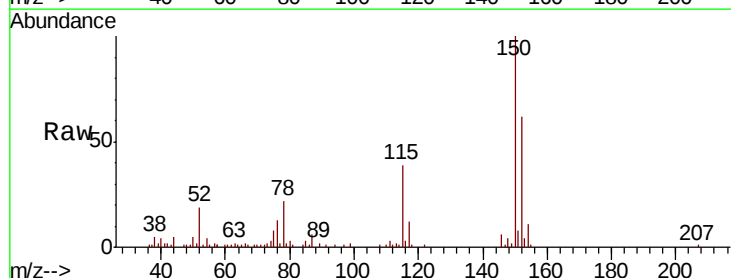
Tgt Ion:152 Resp: 21682

Ion Ratio Lower Upper

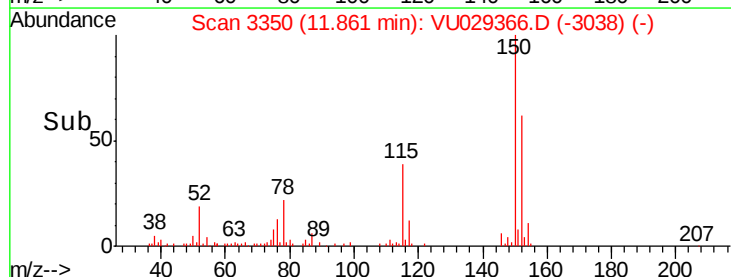
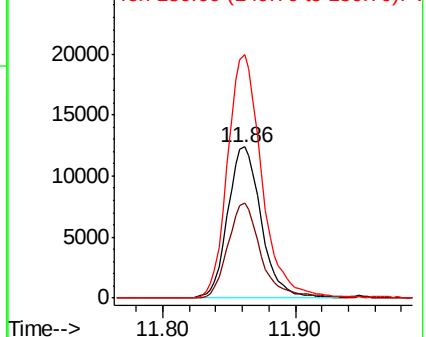
152 100

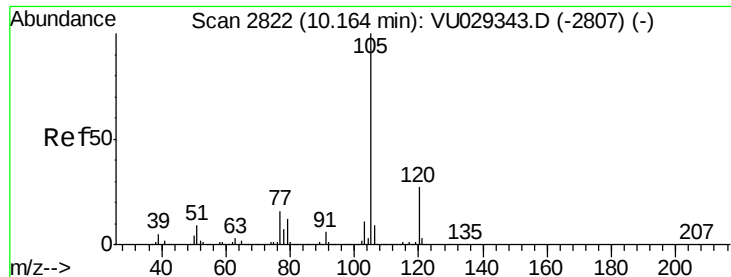
115 62.9 0.0 133.4

150 165.4 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: 0.228 ug/l

RT: 10.17 min Scan# 2823

Delta R.T. 0.00 min

Lab File: VU029366.D

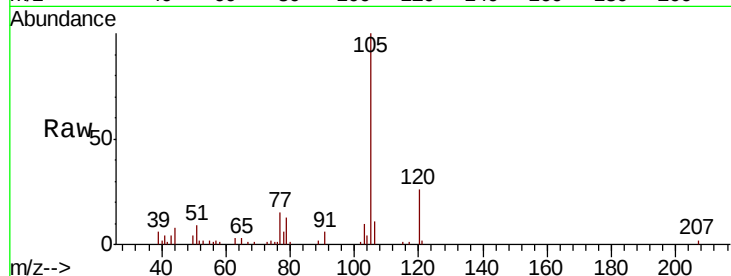
Acq: 07 Feb 2019 11:48

Tgt Ion: 105 Resp: 18197

Ion Ratio Lower Upper

105 100

120 27.2 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10170

8000

6000

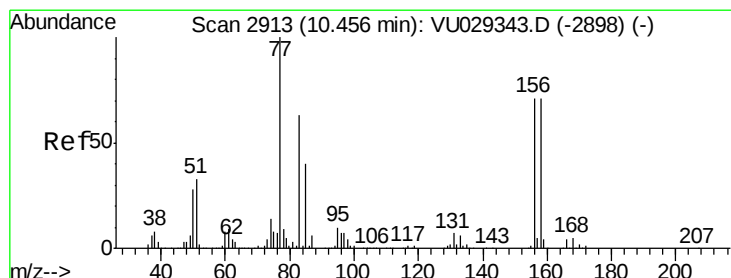
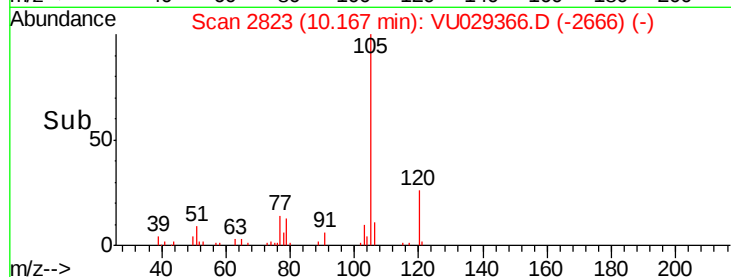
4000

2000

0

Time-->

10.10 10.15 10.20 10.25



#70

1,1,2,2-Tetrachloroethane

Concen: 0.229 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

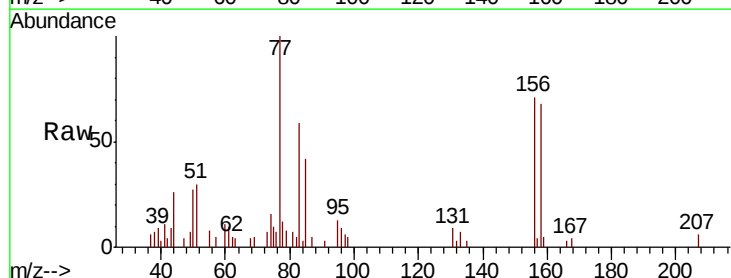
Tgt Ion: 83 Resp: 3364

Ion Ratio Lower Upper

83 100

131 9.5 8.1 12.1

85 74.2 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

2500

2000

1500

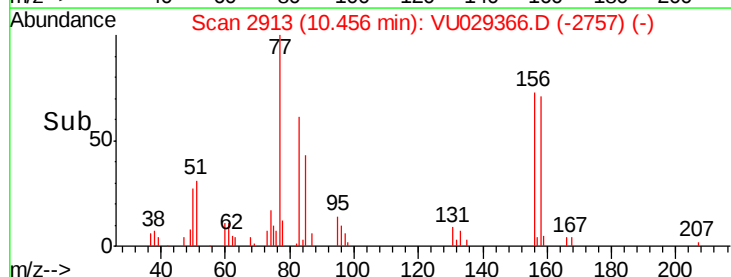
1000

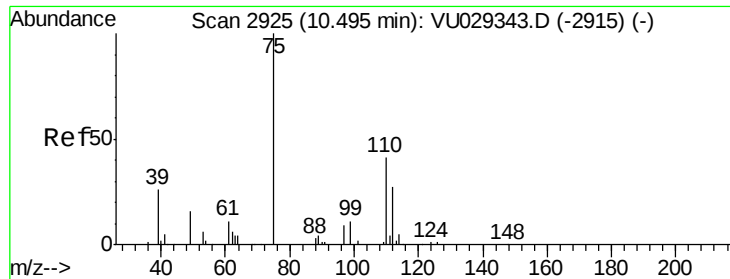
500

0

Time-->

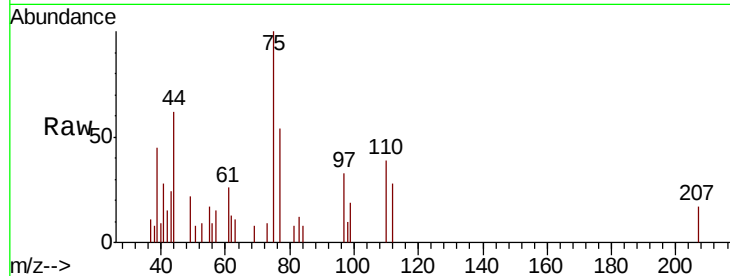
10.40 10.45 10.50



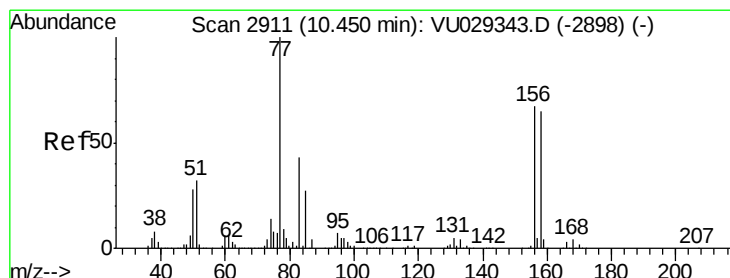
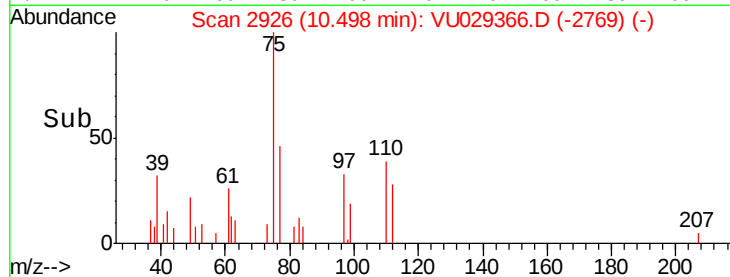
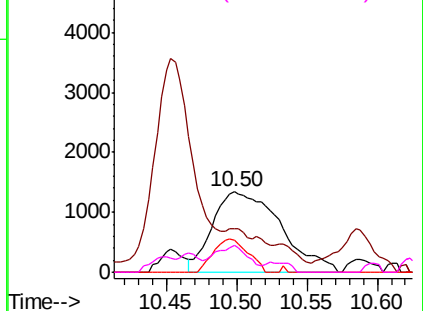


#71
1,2,3-Trichloropropane
Concen: 0.447 ug/l
RT: 10.50 min Scan# 2926
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:	75	Resp:	4506
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	20.6	0.0	63.6
97	16.4	0.0	31.4

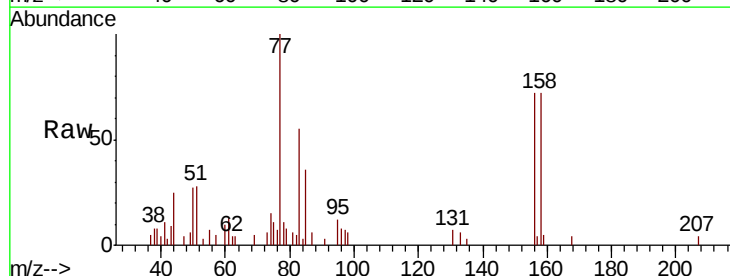


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0

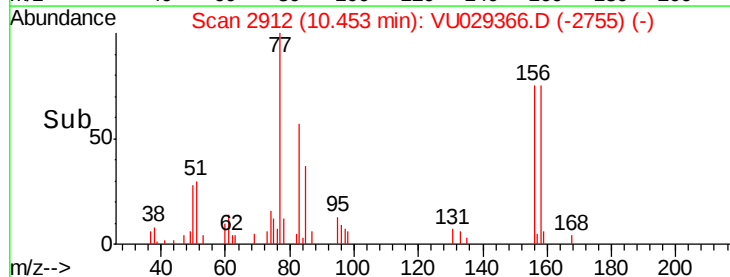
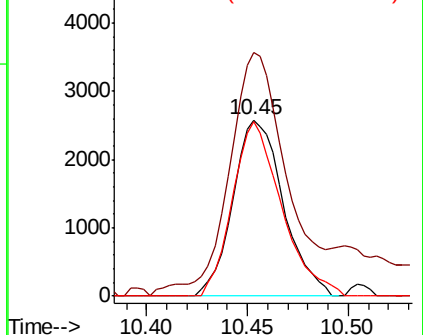


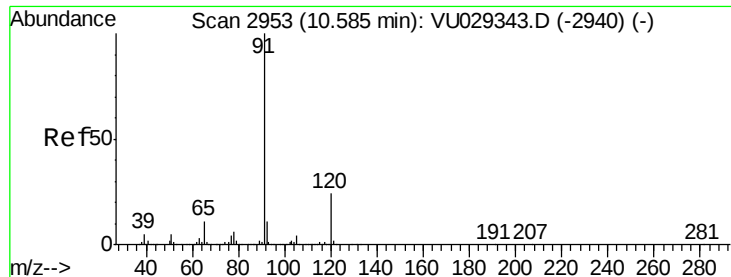
#72
Bromobenzene
Concen: 0.234 ug/l
RT: 10.45 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:	156	Resp:	4514
Ion	Ratio	Lower	Upper
156	100		
77	157.8	0.0	343.8
158	96.5	0.0	195.0



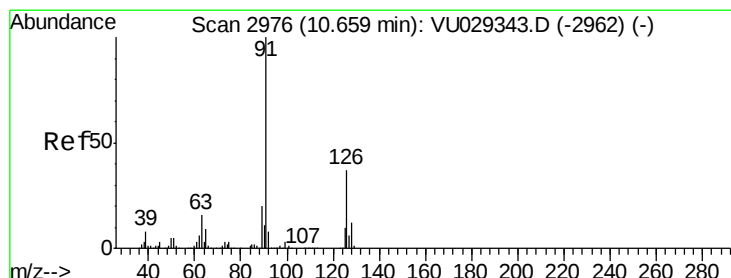
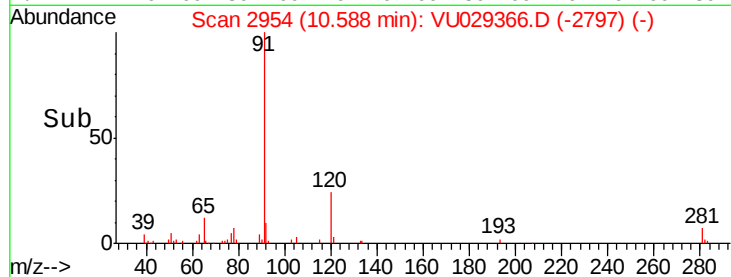
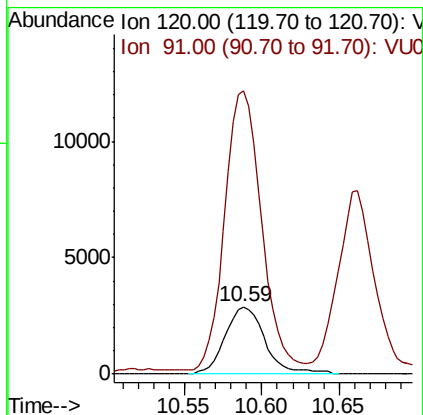
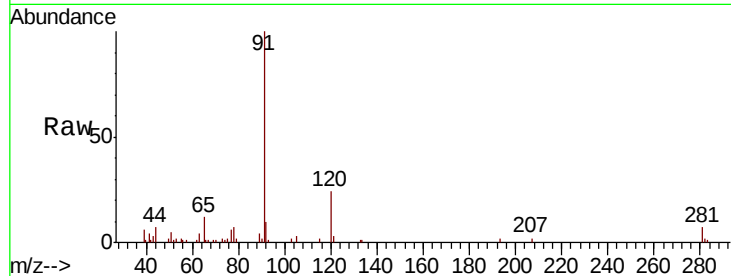
Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 158.00 (157.70 to 158.70): V





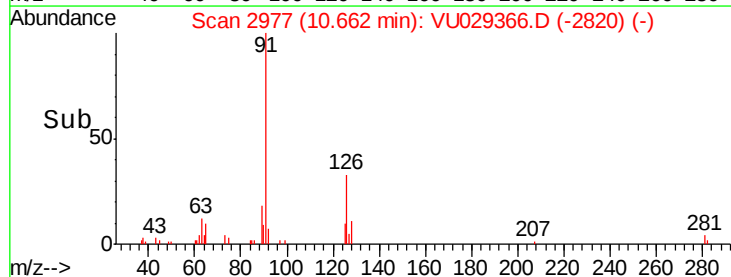
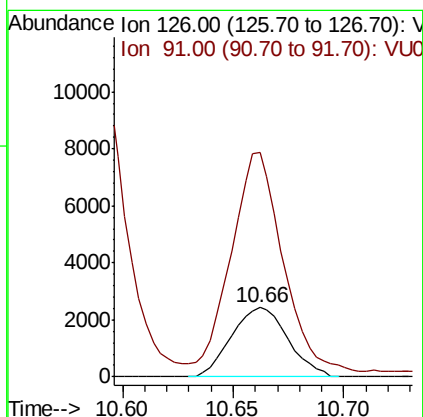
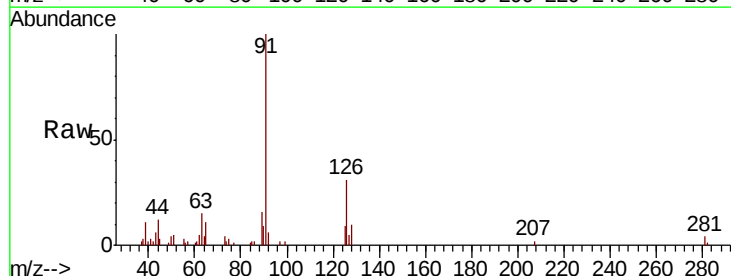
#73
n-propylbenzene
Concen: 0.234 ug/l
RT: 10.59 min Scan# 2954
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

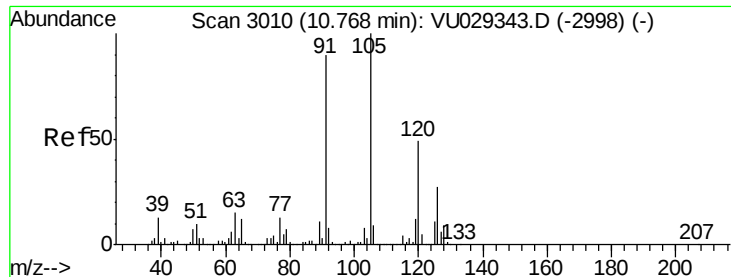
Tgt Ion:120 Resp: 5190
Ion Ratio Lower Upper
120 100
91 379.2 370.0 555.0



#74
2-Chlorotoluene
Concen: 0.229 ug/l
RT: 10.66 min Scan# 2977
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:126 Resp: 4323
Ion Ratio Lower Upper
126 100
91 288.2 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 0.220 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029366.D

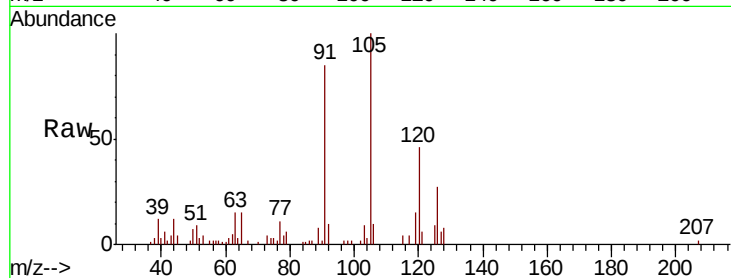
Acq: 07 Feb 2019 11:48

Tgt Ion:105 Resp: 15143

Ion Ratio Lower Upper

105 100

120 47.4 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

8000

6000

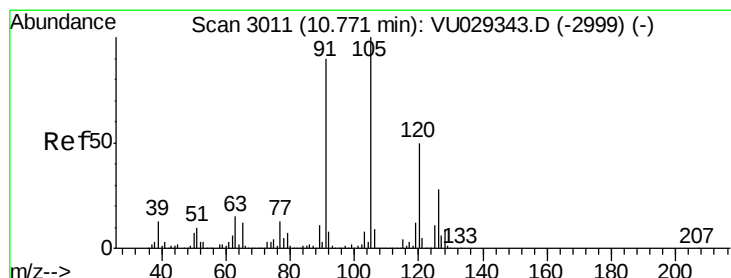
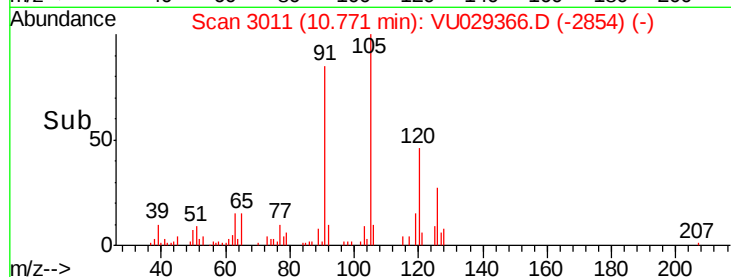
4000

2000

0

10.70 10.75 10.80 10.85

Time-->



#76

4-Chlorotoluene

Concen: 0.240 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.00 min

Lab File: VU029366.D

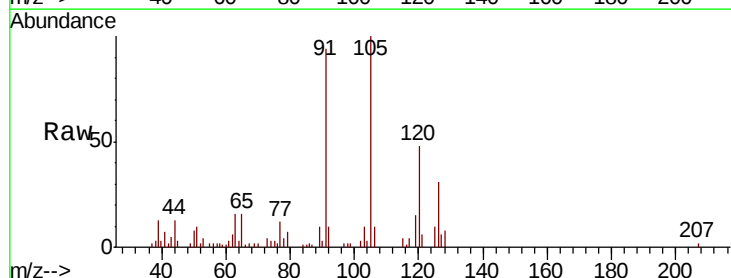
Acq: 07 Feb 2019 11:48

Tgt Ion:126 Resp: 4703

Ion Ratio Lower Upper

126 100

91 283.3 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

8000

6000

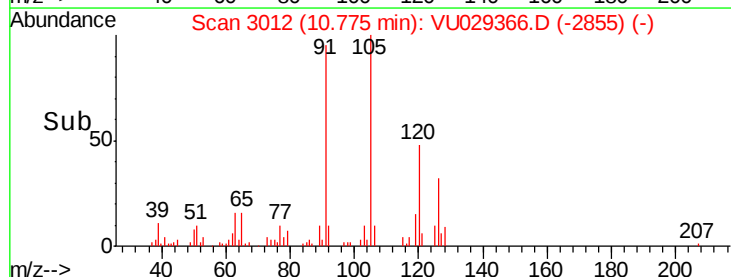
4000

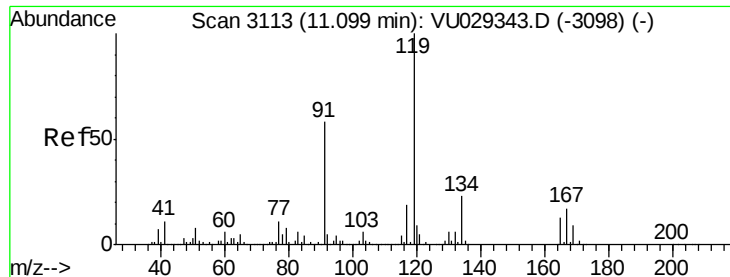
2000

0

10.70 10.75 10.80 10.85

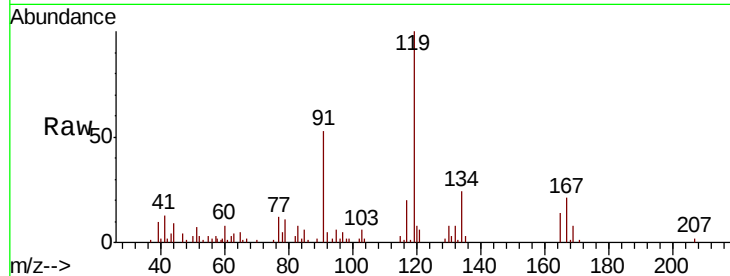
Time-->



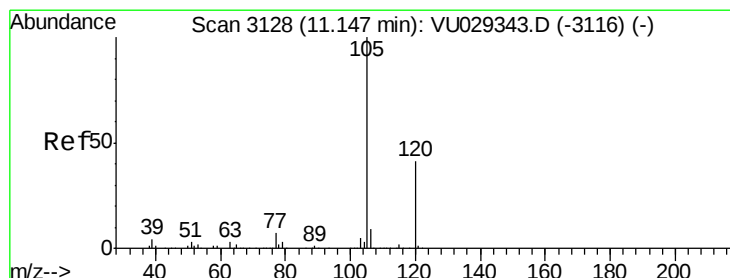
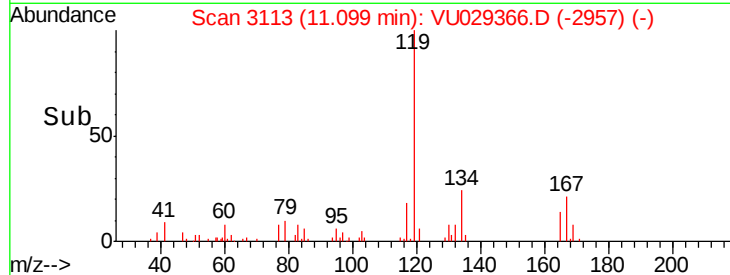
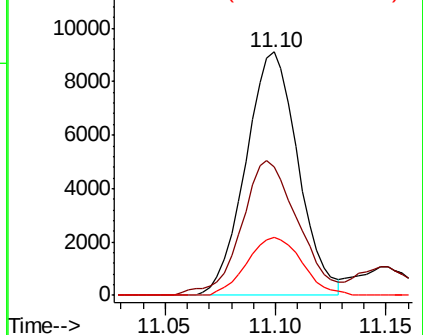


#77
 tert-Butylbenzene
 Concen: 0.220 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.8	32.2	96.6
134	25.1	17.6	26.4

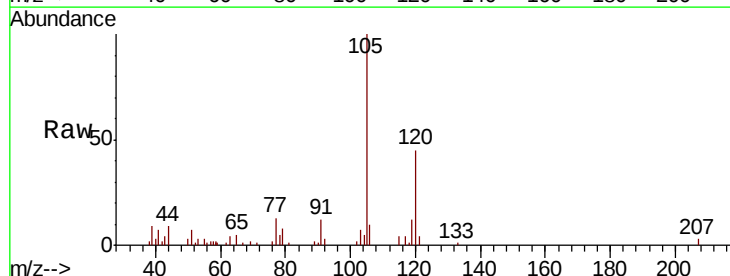


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

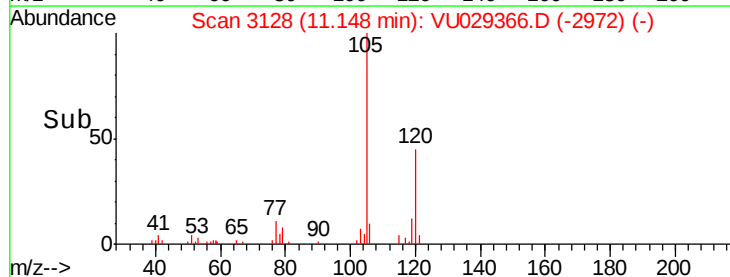
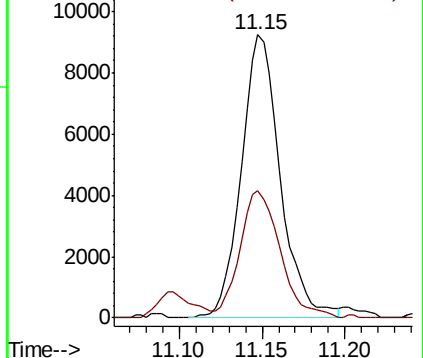


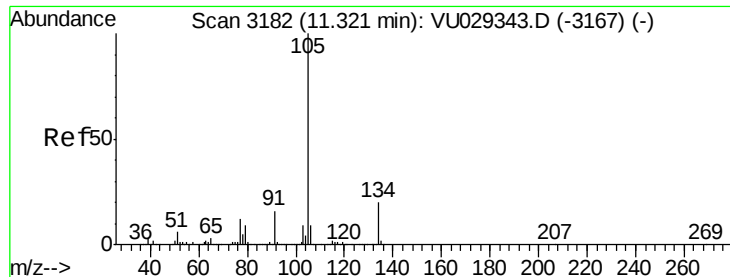
#78
 1,2,4-Trimethylbenzene
 Concen: 0.217 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	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: 0.216 ug/l

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VU029366.D

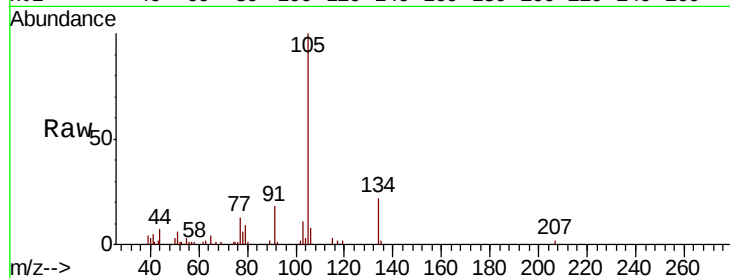
Acq: 07 Feb 2019 11:48

Tgt Ion: 105 Resp: 19178

Ion Ratio Lower Upper

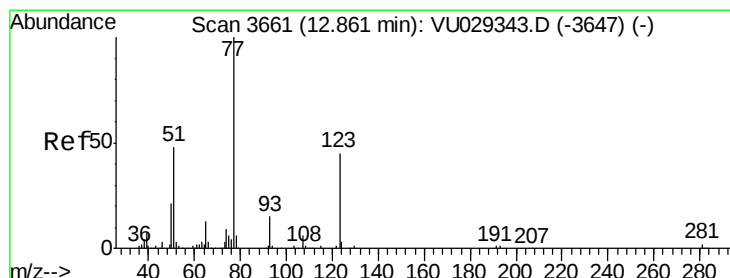
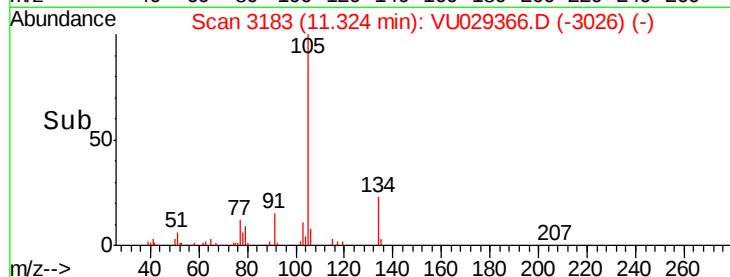
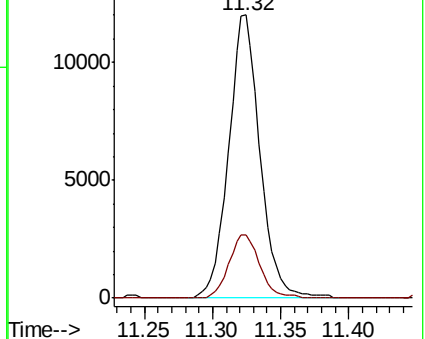
105 100

134 22.0 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: 0.151 ug/l

RT: 12.88 min Scan# 3667

Delta R.T. 0.02 min

Lab File: VU029366.D

Acq: 07 Feb 2019 11:48

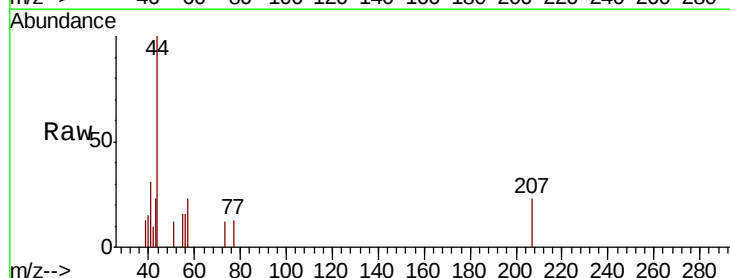
Tgt Ion: 77 Resp: 99

Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

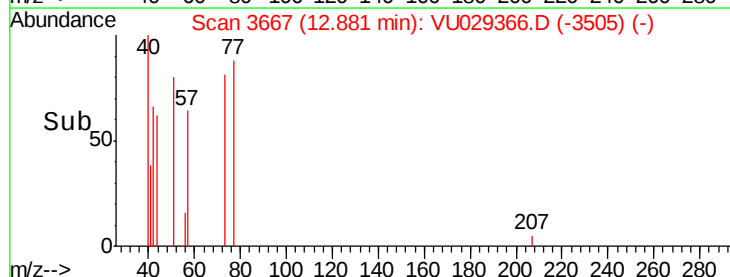
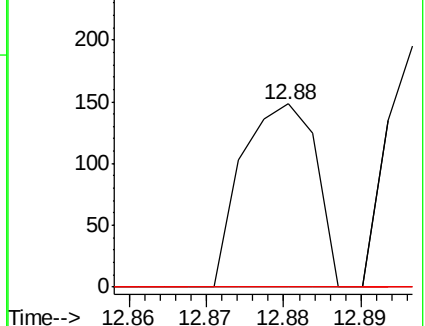
65 0.0 10.8 13.8#

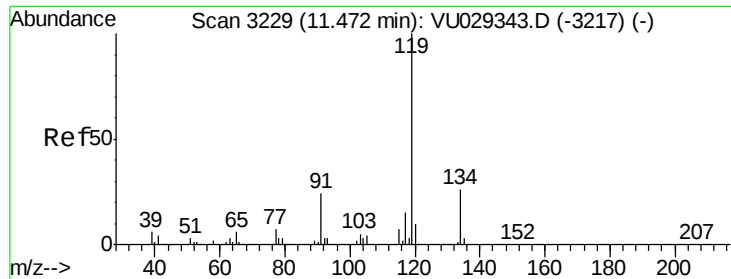


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

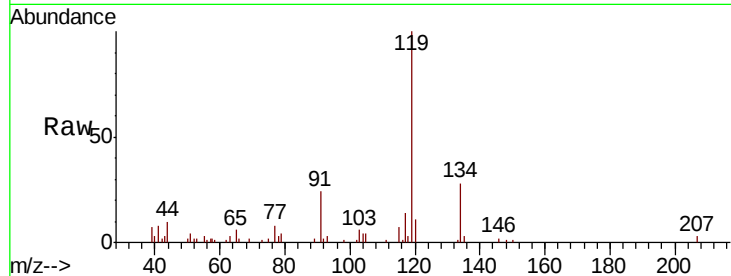
Ion 65.00 (64.70 to 65.70): VU0



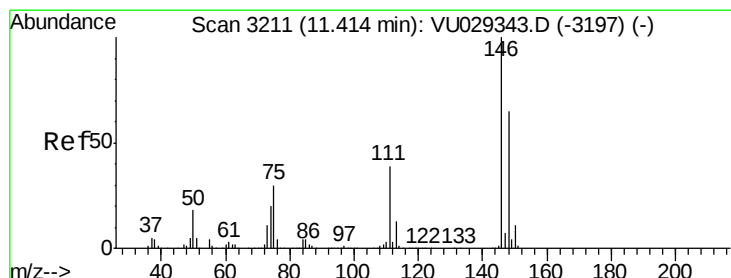
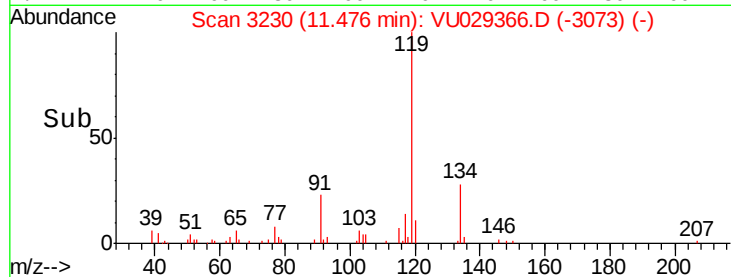
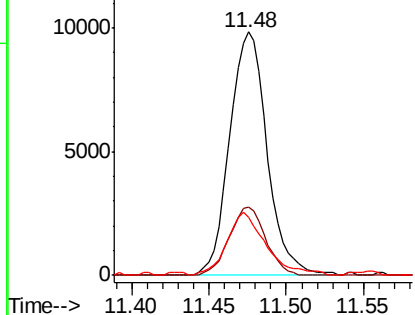


#81
p-Isopropyltoluene
Concen: 0.219 ug/l
RT: 11.48 min Scan# 3230
Delta R.T. 0.00 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	19.8	29.6
91	27.0	21.5	32.3

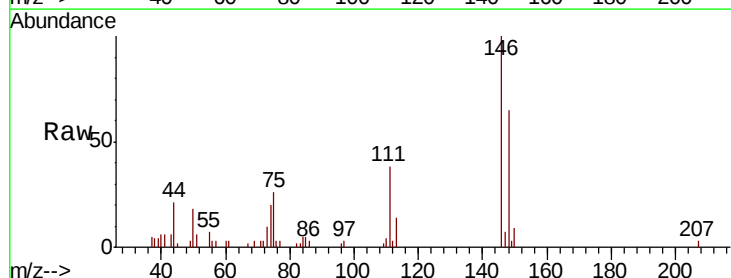


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

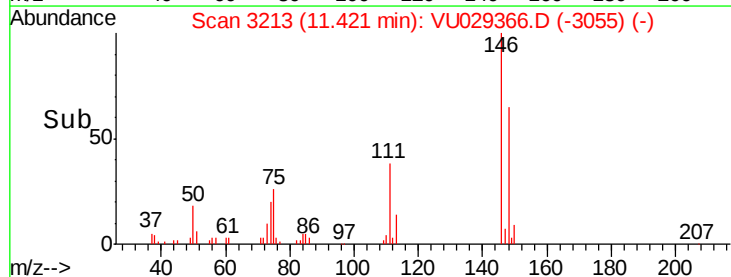
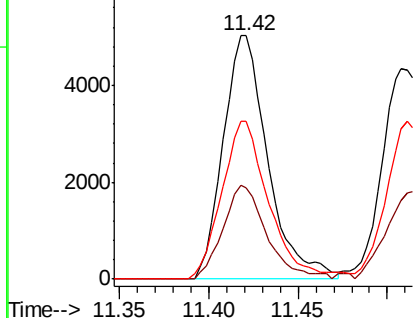


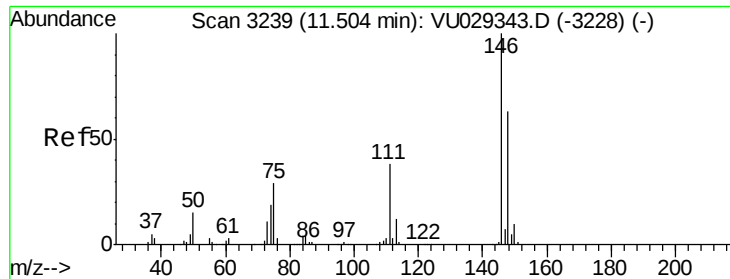
#82
1,3-Dichlorobenzene
Concen: 0.230 ug/l
RT: 11.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	34.1	51.1
148	68.5	52.3	78.5



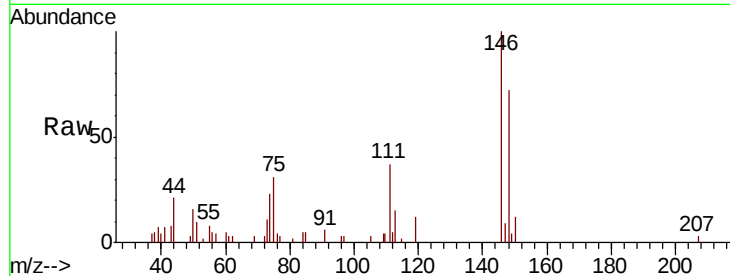
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



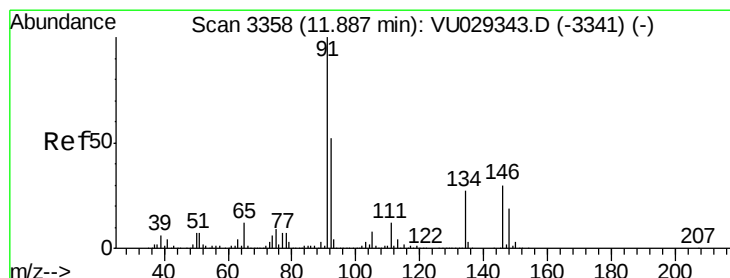
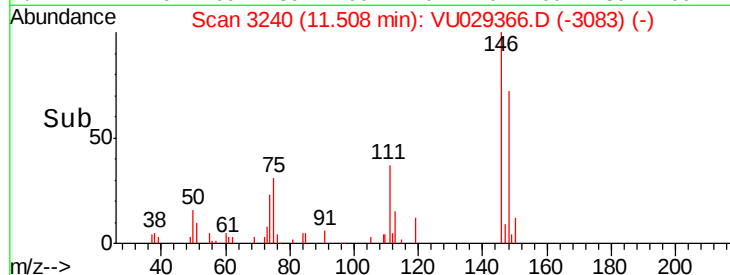
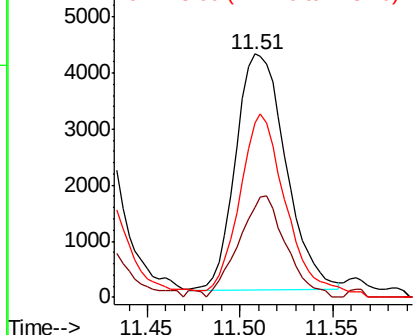


#83
 1,4-Dichlorobenzene
 Concen: 0.209 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion: 146 Resp: 7878
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.9 49.3
 148 73.5 51.8 77.6

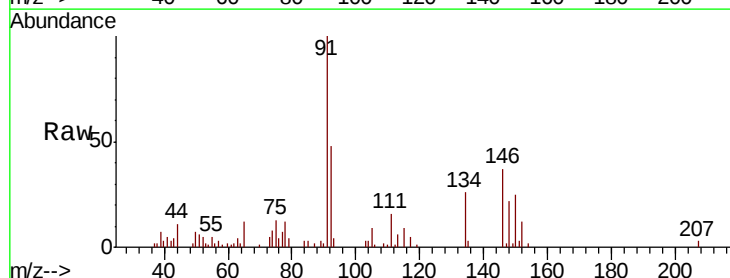


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

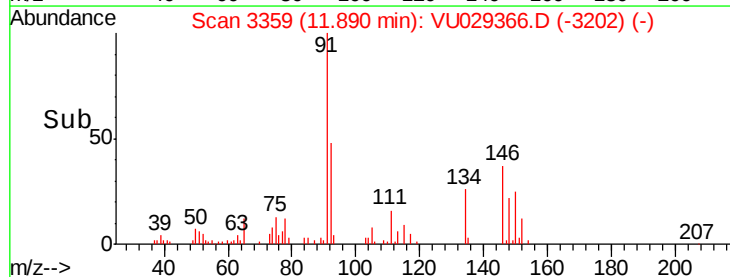
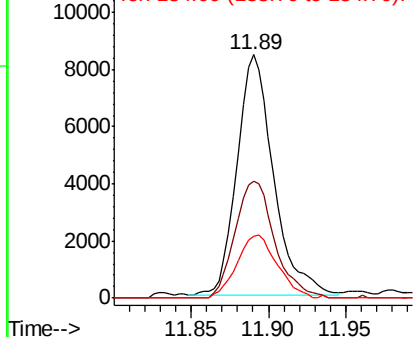


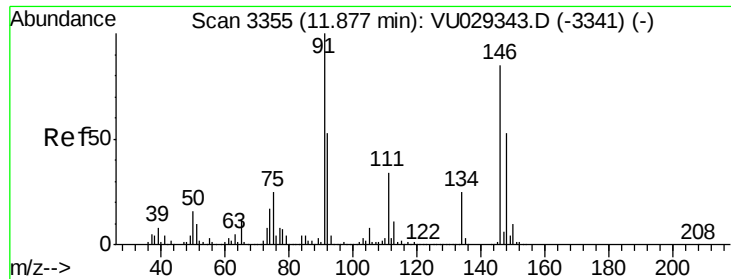
#84
 n-Butylbenzene
 Concen: 0.200 ug/l
 RT: 11.89 min Scan# 3359
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion: 91 Resp: 13809
 Ion Ratio Lower Upper
 91 100
 92 52.7 41.0 61.6
 134 28.8 19.1 28.7#



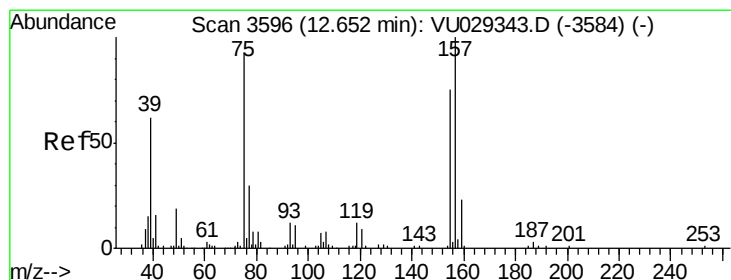
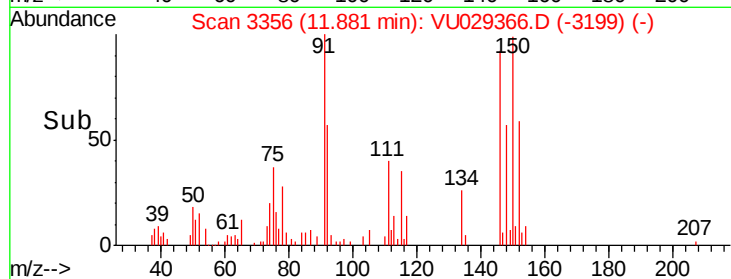
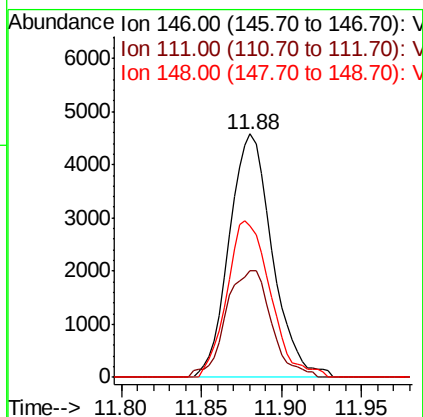
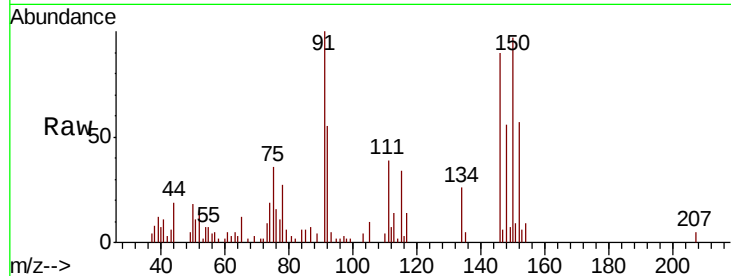
Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





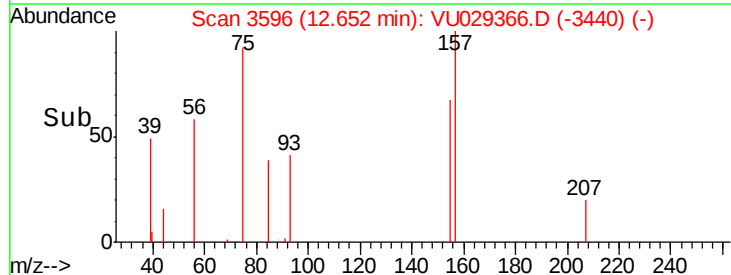
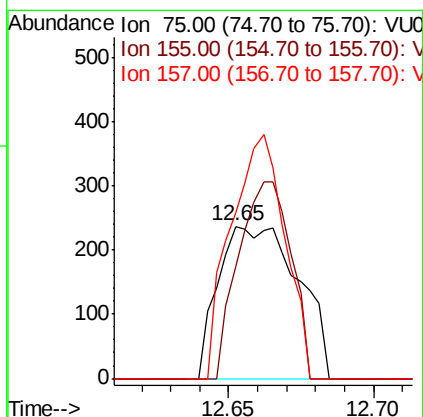
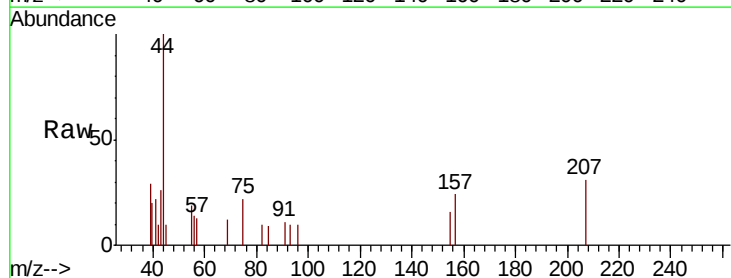
#85
 1,2-Dichlorobenzene
 Concen: 0.235 ug/l
 RT: 11.88 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

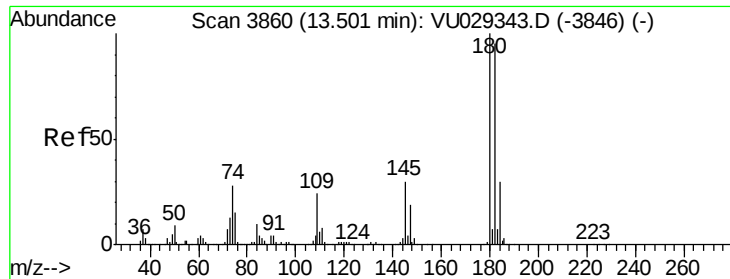
Tgt Ion: 146 Resp: 8403
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.9 65.8
 148 65.0 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.165 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

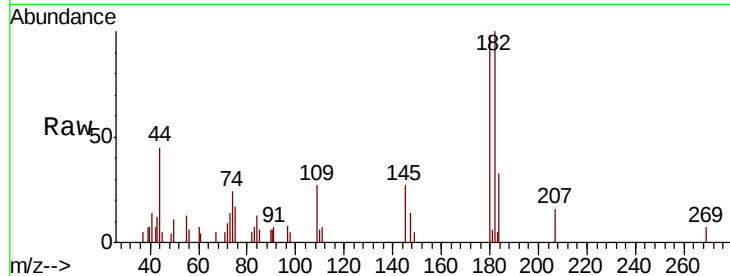
Tgt Ion: 75 Resp: 453
 Ion Ratio Lower Upper
 75 100
 155 84.8 53.8 80.8#
 157 108.2 69.2 103.8#



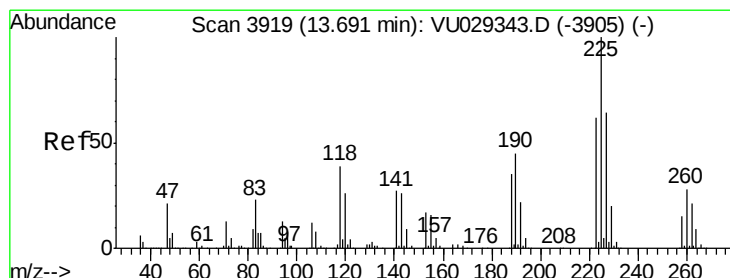
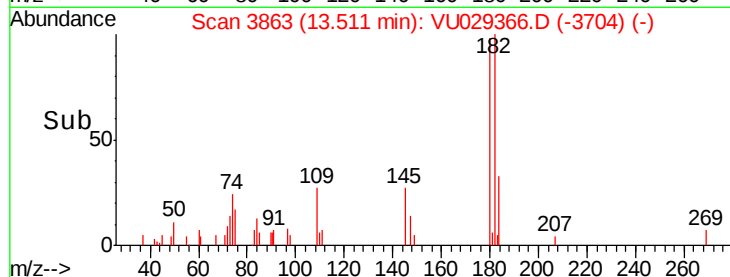
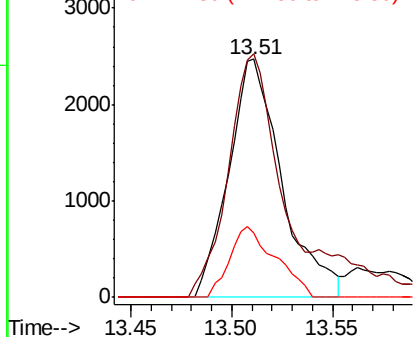


#87
 1,2,4-Trichlorobenzene
 Concen: 0.181 ug/l
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:180 Resp: 4543
 Ion Ratio Lower Upper
 180 100
 182 115.1 76.6 114.8#
 145 25.6 24.6 36.8

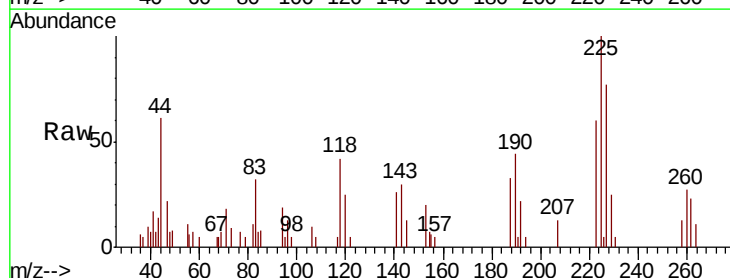


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

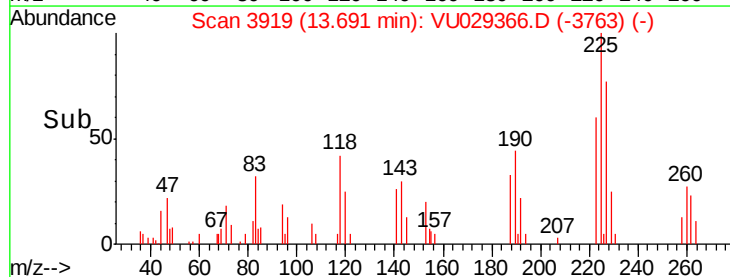
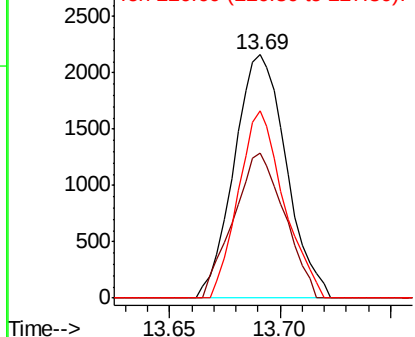


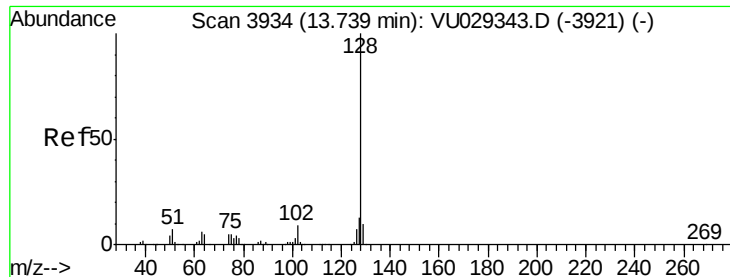
#88
 Hexachlorobutadiene
 Concen: 0.243 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029366.D
 Acq: 07 Feb 2019 11:48

Tgt Ion:225 Resp: 3545
 Ion Ratio Lower Upper
 225 100
 223 58.4 49.5 74.3
 227 67.3 50.4 75.6



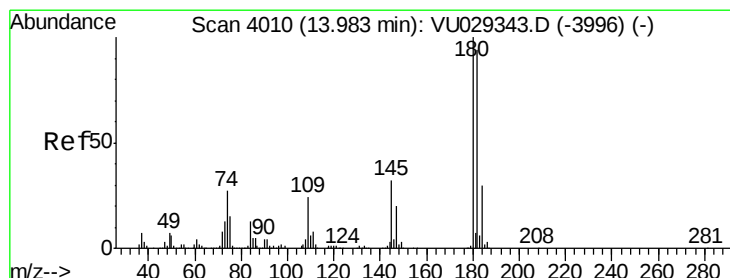
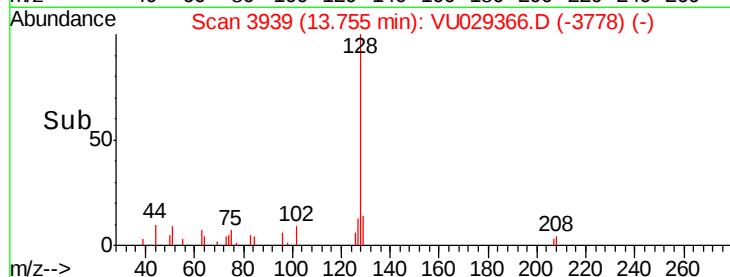
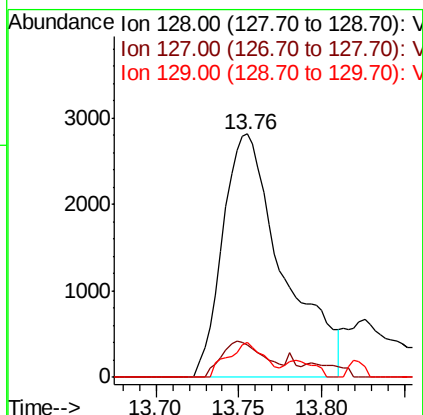
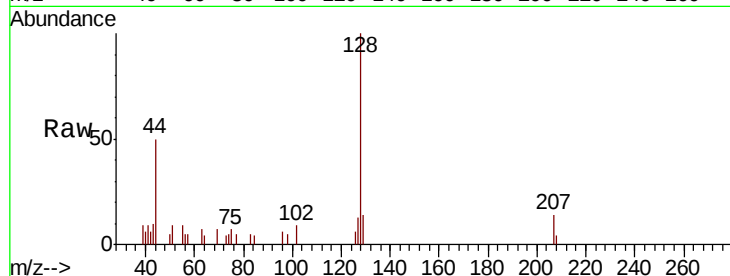
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 0.166 ug/l
RT: 13.76 min Scan# 3939
Delta R.T. 0.02 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:128 Resp: 7103
Ion Ratio Lower Upper
128 100
127 10.6 10.7 16.1#
129 8.8 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU029366.D
Acq: 07 Feb 2019 11:48

Tgt Ion:180 Resp: 5309
Ion Ratio Lower Upper
180 100
182 93.7 78.0 117.0
145 30.3 26.6 39.8

