

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
 Data File : VU029364.D
 Acq On : 07 Feb 2019 09:54
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 08 12:37:20 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	49186	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21700	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21846	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	175341	9.552 ug/l	100
3) Chloromethane	1.33	50	152120	9.069 ug/l	99
4) Vinyl Chloride	1.40	62	188187	9.570 ug/l	98
5) Bromomethane	1.62	94	106736	9.758 ug/l	94
6) Chloroethane	1.70	64	113079	9.843 ug/l	98
7) Trichlorofluoromethane	1.88	101	290524	10.580 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	157810	10.884 ug/l	89
9) 1,1-Dichloroethene	2.28	96	150277	10.591 ug/l	72
10) Iodomethane	2.41	142	238340	11.187 ug/l #	78
11) Allyl Chloride	2.59	41	232426	9.768 ug/l	91
12) Acrylonitrile	2.93	53	62500	19.653 ug/l	97
13) Acetone	2.32	43	150761	49.189 ug/l #	82
14) Carbon Disulfide	2.47	76	506196	10.104 ug/l	100
15) Methylene Chloride	2.70	84	163439	9.500 ug/l #	79
16) trans-1,2-Dichloroethene	2.98	96	165352	10.421 ug/l #	78
17) 1,1-Dichloroethane	3.44	63	243184	9.671 ug/l	97
18) 2-Butanone	4.27	43	166276	48.540 ug/l	100
19) Cyclohexane	4.99	56	179772	7.711 ug/l	86
20) Methylcyclohexane	6.41	83	248225	10.137 ug/l #	84
21) 2,2-Dichloropropane	4.22	77	228599	9.822 ug/l #	91
22) cis-1,2-Dichloroethene	4.22	96	156705	10.484 ug/l	77
23) Diethyl Ether	2.10	59	112353	9.861 ug/l	88
24) tert-Butyl Alcohol	2.83	59	115011	97.129 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	408923	10.235 ug/l #	87
26) Bromochloromethane	4.54	128	69975	10.598 ug/l	72
27) Chloroform	4.67	83	250712	10.253 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	234270	10.336 ug/l	94
29) 1,1-Dichloropropene	5.13	75	193033	9.811 ug/l	91
30) Carbon Tetrachloride	5.13	117	218005	10.625 ug/l	99
31) Isopropyl Ether	3.58	45	357510	9.423 ug/l	90
32) Ethyl-t-butyl ether	4.07	59	364197	9.579 ug/l	89
33) Tert-Amyl methyl ether	5.58	73	346910	10.091 ug/l	98
34) Propionitrile	4.33	54	44594	49.526 ug/l #	93
35) Benzene	5.38	78	552695	10.158 ug/l	99
36) 1,2-Dichloroethane	5.40	62	158259	9.616 ug/l #	90
37) Trichloroethene	6.18	130	170715	10.934 ug/l	86
38) 1,2-Dichloropropane	6.43	63	140427	9.921 ug/l	99
39) Methacrylonitrile	4.55	41	41950	9.098 ug/l #	90
40) Methyl acrylate	4.42	55	66789	9.595 ug/l #	90
41) Tetrahydrofuran	4.65	42	41110	17.699 ug/l #	83
42) 1-Chlorobutane	5.06	56	256421	9.727 ug/l	87

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

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

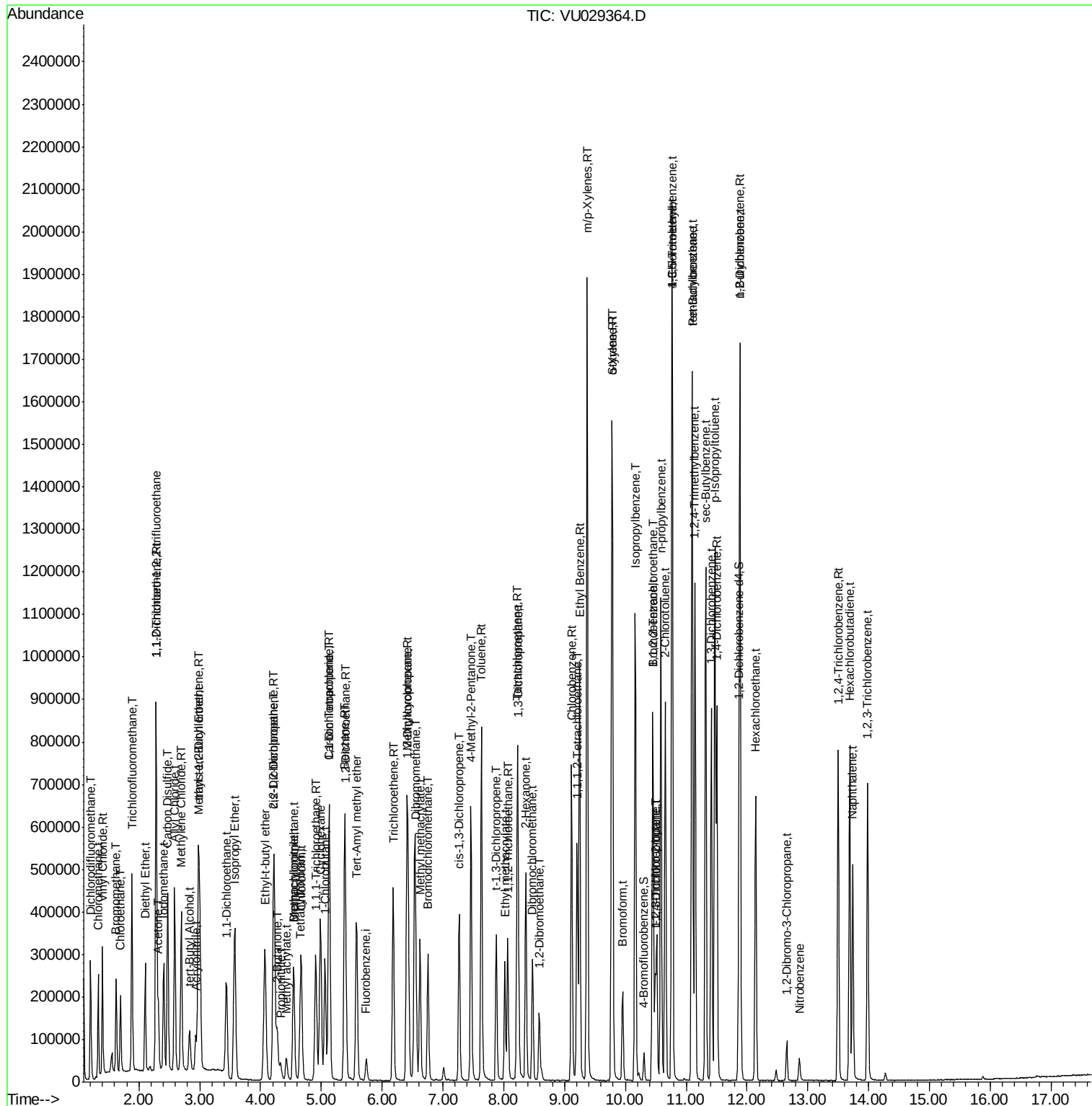
Response via : Initial Calibration

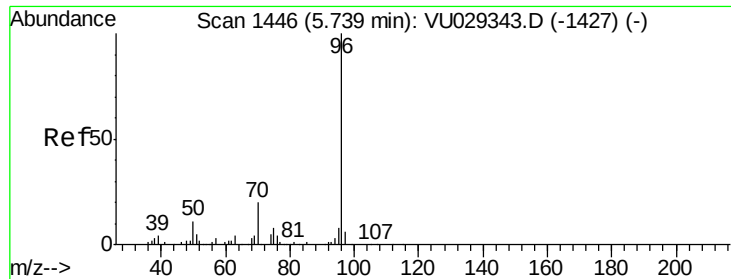
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	76279	10.113	ug/l	90
44) Bromodichloromethane	6.75	83	195666	10.181	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	420702	47.580	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.49	75	77888	18.081	ug/l #	85
47) Methyl methacrylate	6.62	69	135711	20.449	ug/l #	74
48) Ethyl methacrylate	8.02	69	143709	10.094	ug/l	77
49) Toluene	7.63	92	362203	10.403	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	186877	9.919	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	224490	10.031	ug/l #	87
52) 1,1,2-Trichloroethane	8.06	97	103249	10.339	ug/l	98
53) 1,3-Dichloropropane	8.24	76	177769	10.134	ug/l	100
54) 2-Hexanone	8.36	43	297696	48.032	ug/l	87
55) Dibromochloromethane	8.48	129	150732	10.620	ug/l	99
56) 1,2-Dibromoethane	8.58	107	105345	10.282	ug/l	100
58) Tetrachloroethene	8.22	164	162223	11.166	ug/l	91
59) Chlorobenzene	9.12	112	418146	10.661	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	156467	10.796	ug/l	97
61) Pentachloroethane	11.10	117	122825	10.935	ug/l	85
62) Hexachloroethane	12.14	117	134167	10.944	ug/l	95
63) Ethyl Benzene	9.25	91	703839	10.333	ug/l	95
64) m/p-Xylenes	9.37	106	563628	21.292	ug/l	87
65) o-Xylene	9.78	106	277217	10.669	ug/l	86
66) Styrene	9.79	104	460244	10.626	ug/l	94
67) Bromoform	9.95	173	98084	11.108	ug/l	99
69) Isopropylbenzene	10.16	105	736442	10.609	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	130497	10.196	ug/l	96
71) 1,2,3-Trichloropropane	10.49	75	77888	8.862	ug/l #	75
72) Bromobenzene	10.45	156	189392	11.256	ug/l	83
73) n-propylbenzene	10.58	120	213579	11.046	ug/l	76
74) 2-Chlorotoluene	10.66	126	181410	11.018	ug/l	74
75) 1,3,5-Trimethylbenzene	10.77	105	631640	10.554	ug/l	95
76) 4-Chlorotoluene	10.77	126	188316	11.021	ug/l	75
77) tert-Butylbenzene	11.10	119	636737	10.763	ug/l	91
78) 1,2,4-Trimethylbenzene	11.14	105	643817	10.625	ug/l	94
79) sec-Butylbenzene	11.32	105	820154	10.596	ug/l	95
80) Nitrobenzene	12.86	77	28743	50.406	ug/l	92
81) p-Isopropyltoluene	11.47	119	713282	10.871	ug/l	93
82) 1,3-Dichlorobenzene	11.41	146	369847	11.203	ug/l	96
83) 1,4-Dichlorobenzene	11.50	146	365803	11.126	ug/l	97
84) n-Butylbenzene	11.89	91	638452	10.604	ug/l	96
85) 1,2-Dichlorobenzene	11.88	146	341061	10.927	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	23789	9.959	ug/l #	63
87) 1,2,4-Trichlorobenzene	13.50	180	254976	11.630	ug/l	99
88) Hexachlorobutadiene	13.69	225	153548	12.093	ug/l	99
89) Naphthalene	13.74	128	417664	11.233	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	229507	11.455	ug/l	96

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

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QLast Update : Fri Feb 08 10:52:46 2019
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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: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion: 96 Resp: 49186

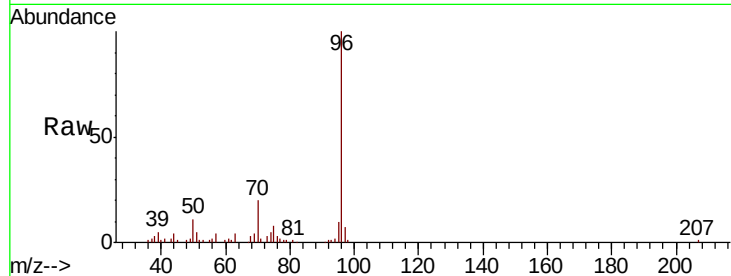
Ion Ratio Lower Upper

96 100

70 21.1 16.2 24.2

95 10.2 7.4 11.2

97 0.0 0.0 0.0

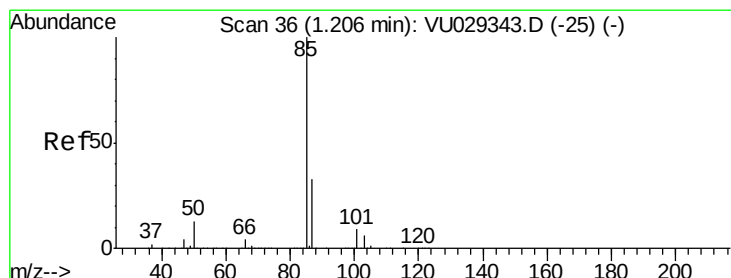
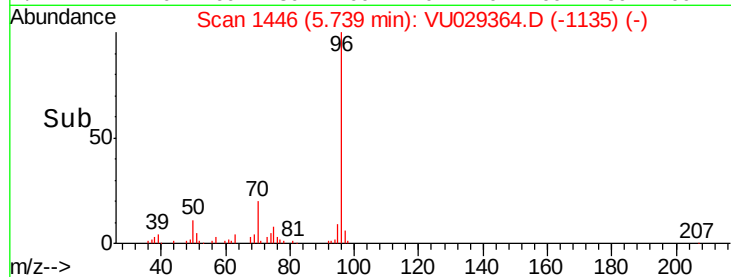
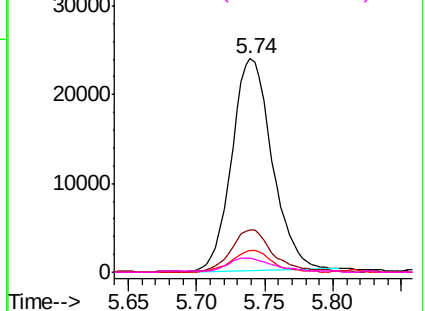


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.552 ug/l

RT: 1.21 min Scan# 36

Delta R.T. -0.00 min

Lab File: VU029364.D

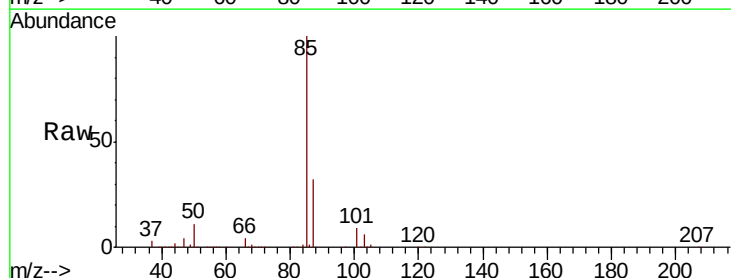
Acq: 07 Feb 2019 09:54

Tgt Ion: 85 Resp: 175341

Ion Ratio Lower Upper

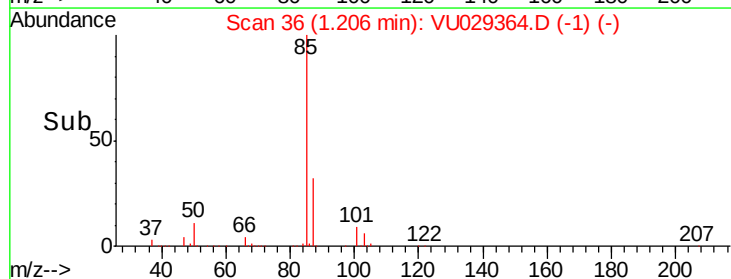
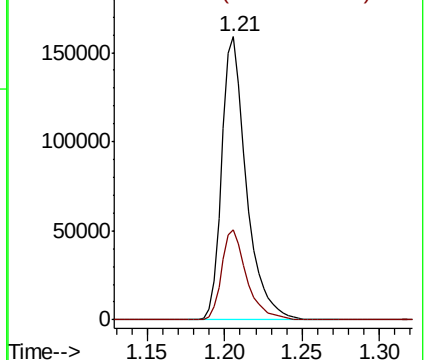
85 100

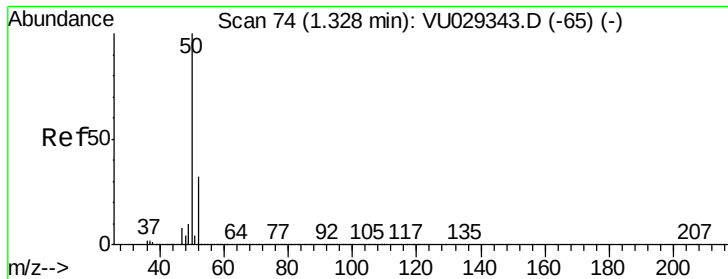
87 31.9 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.069 ug/l

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU029364.D

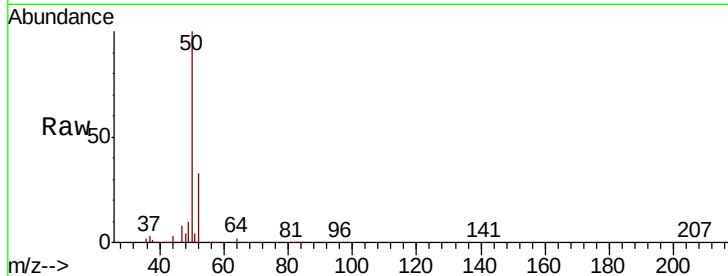
Acq: 07 Feb 2019 09:54

Tgt Ion: 50 Resp: 152120

Ion Ratio Lower Upper

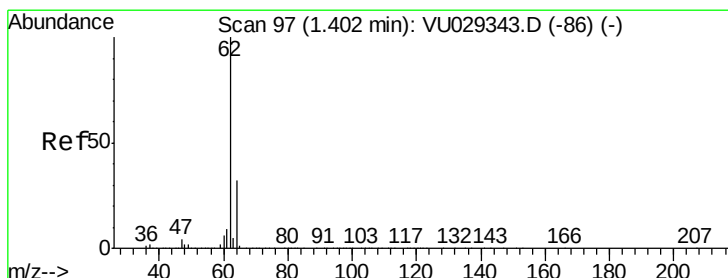
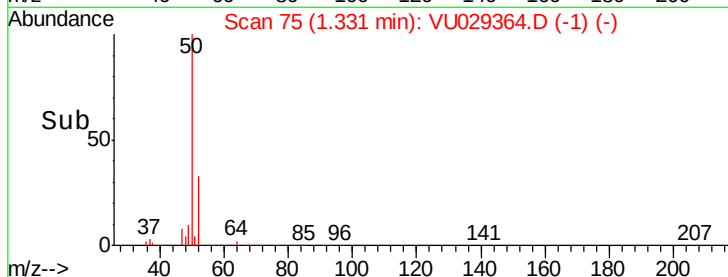
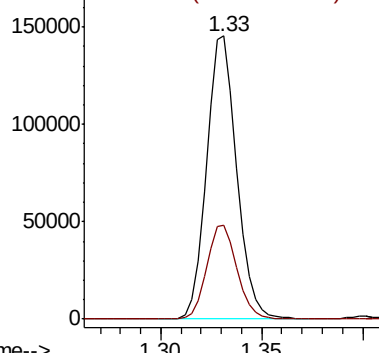
50 100

52 33.3 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.570 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029364.D

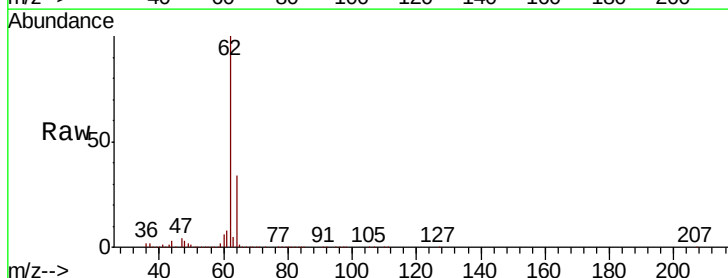
Acq: 07 Feb 2019 09:54

Tgt Ion: 62 Resp: 188187

Ion Ratio Lower Upper

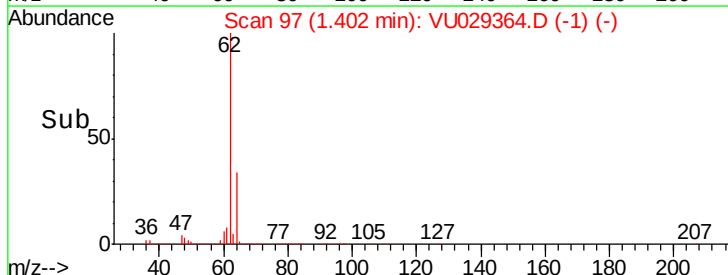
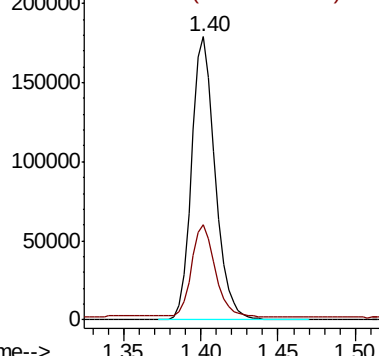
62 100

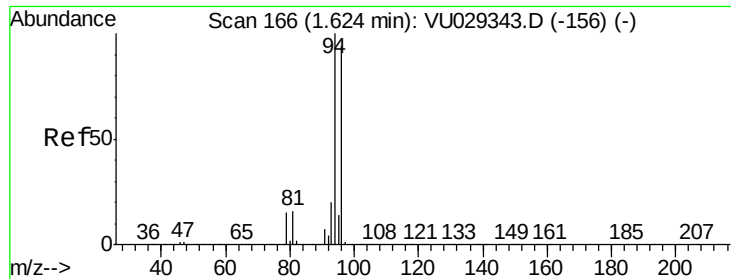
64 32.6 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.758 ug/l

RT: 1.62 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU029364.D

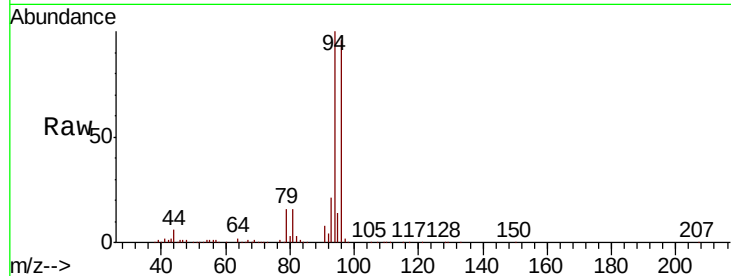
Acq: 07 Feb 2019 09:54

Tgt Ion: 94 Resp: 106736

Ion Ratio Lower Upper

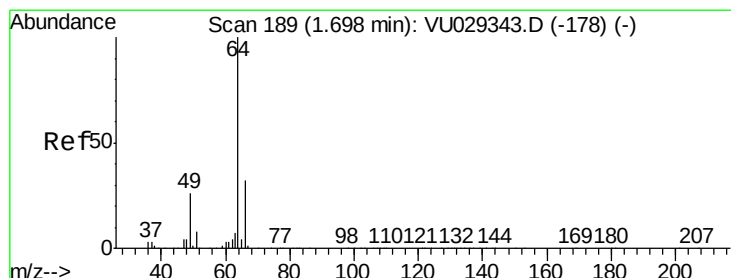
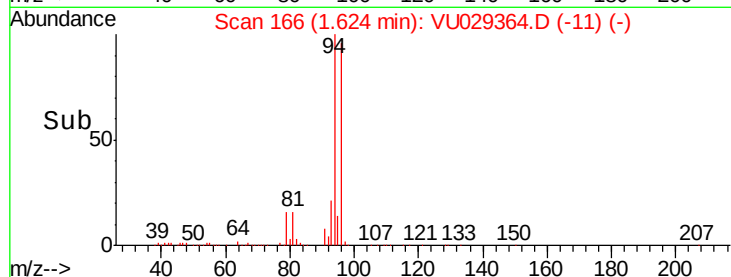
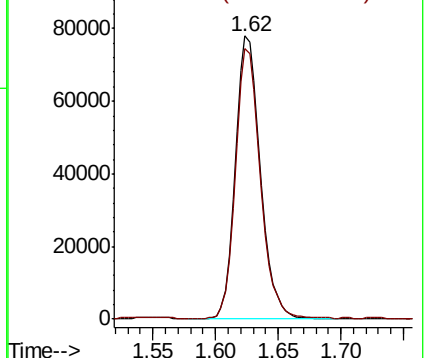
94 100

96 95.5 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.843 ug/l

RT: 1.70 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU029364.D

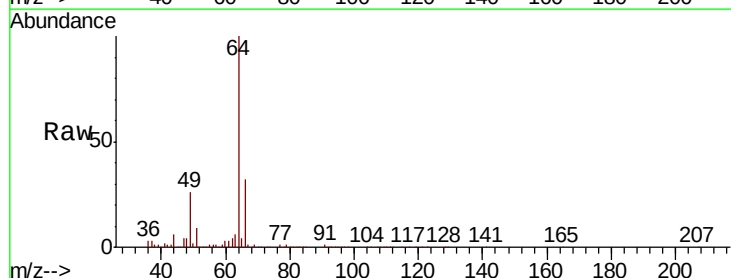
Acq: 07 Feb 2019 09:54

Tgt Ion: 64 Resp: 113079

Ion Ratio Lower Upper

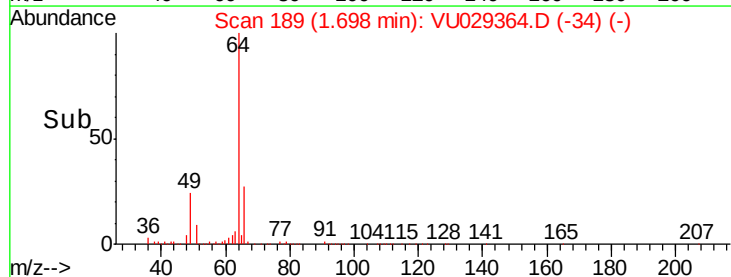
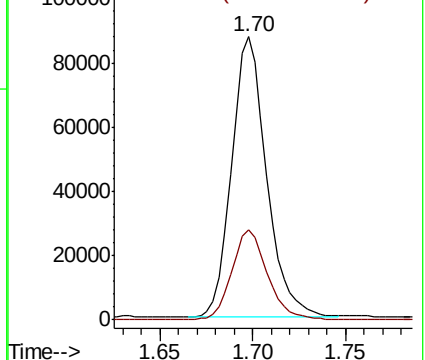
64 100

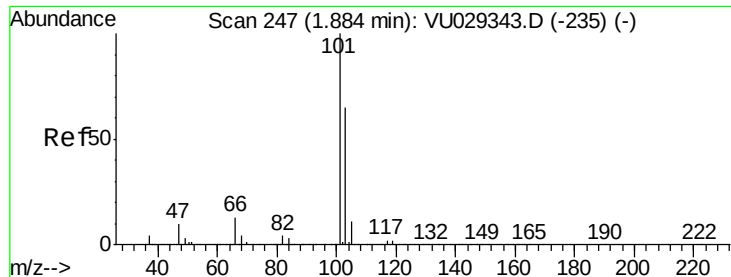
66 31.9 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

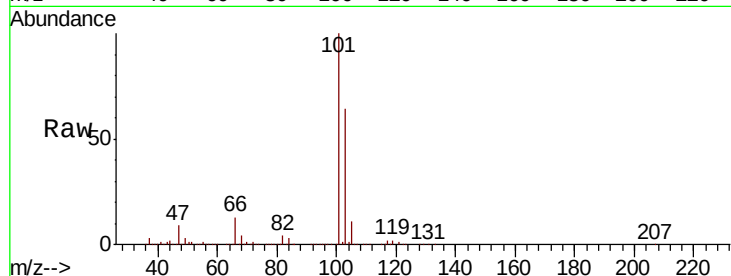




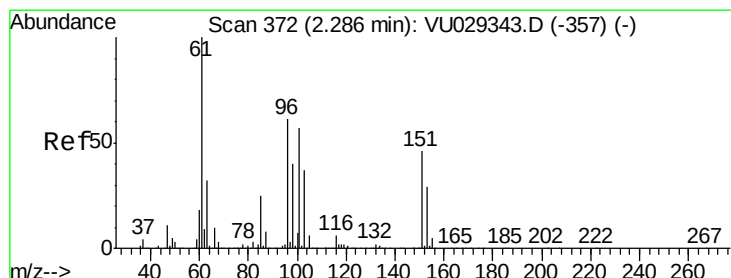
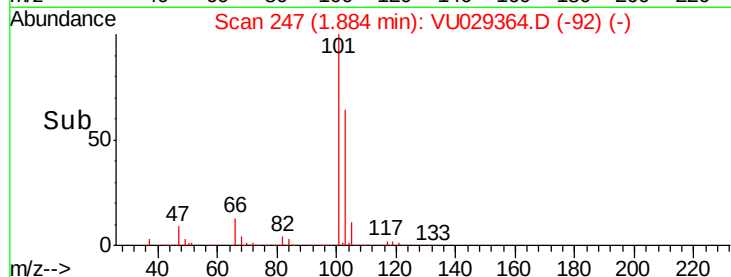
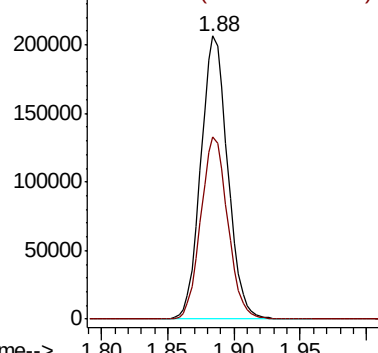
#7

Trichlorofluoromethane
Concen: 10.580 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.9	80.9



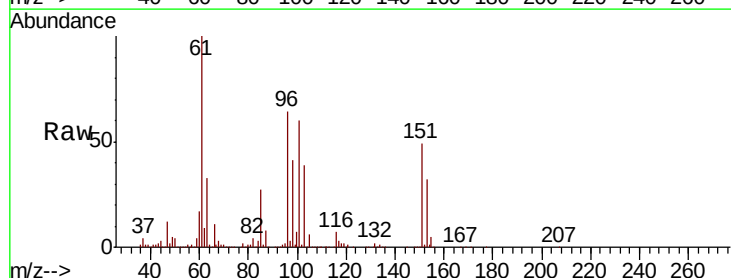
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



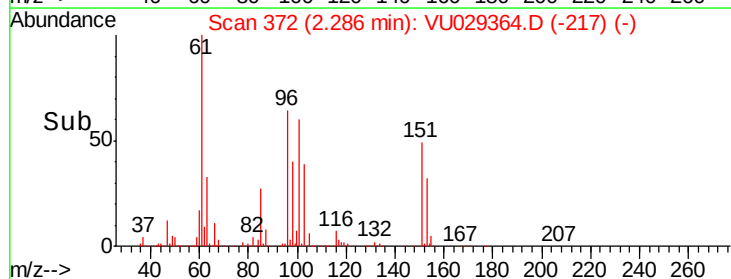
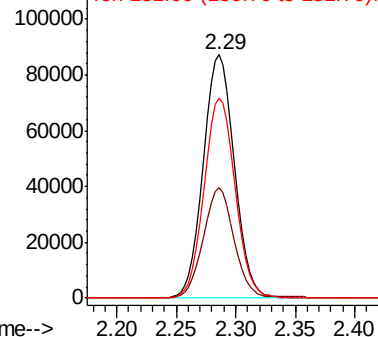
#8

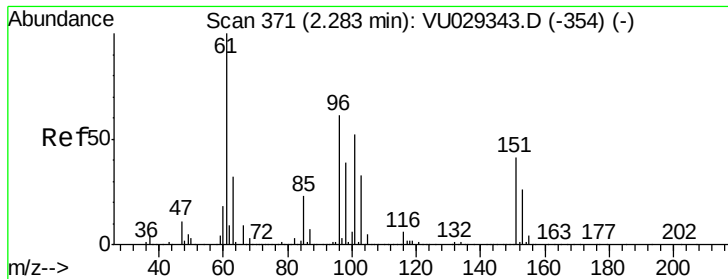
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.884 ug/l
RT: 2.29 min Scan# 372
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.7	40.3	60.5
151	82.0	58.1	87.1



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU0
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 10.591 ug/l

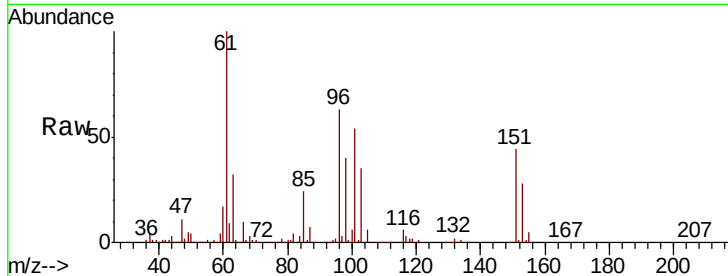
RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

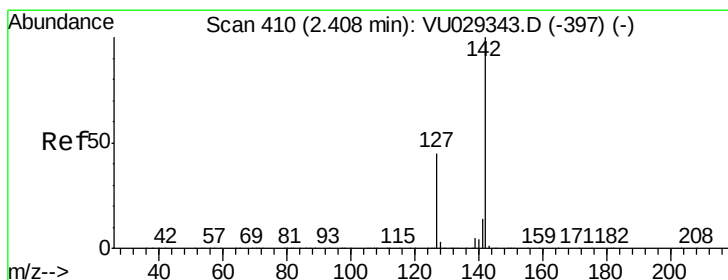
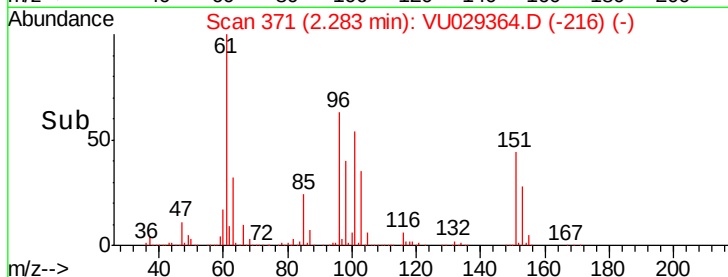
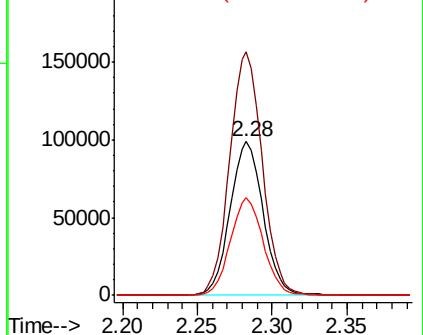
Tgt Ion:	96	Resp:	150277
Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	641.4
98	63.4	0.0	122.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 11.187 ug/l

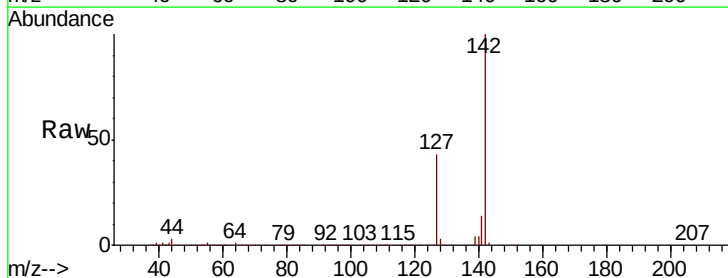
RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029364.D

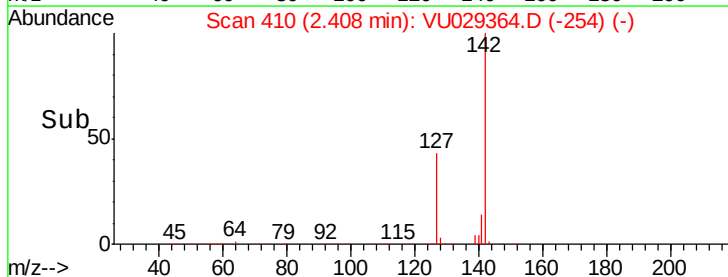
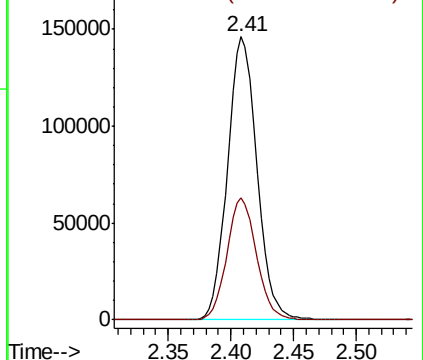
Acq: 07 Feb 2019 09:54

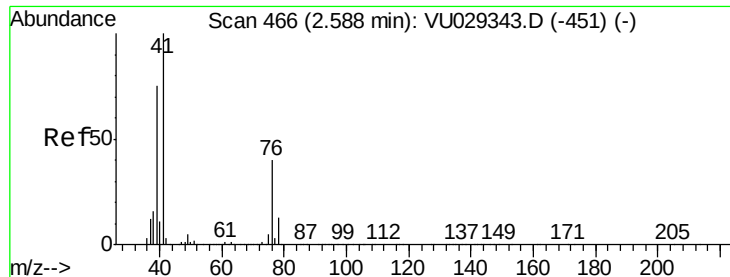
Tgt Ion:	142	Resp:	238340
Ion	Ratio	Lower	Upper
142	100		
127	43.3	47.6	71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 9.768 ug/l

RT: 2.59 min Scan# 466

Delta R.T. -0.00 min

Lab File: VU029364.D

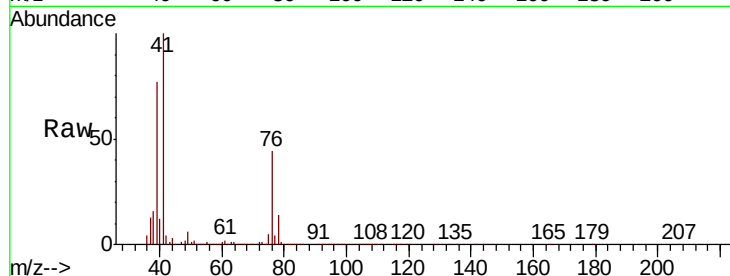
Acq: 07 Feb 2019 09:54

Tgt Ion: 41 Resp: 232426

Ion Ratio Lower Upper

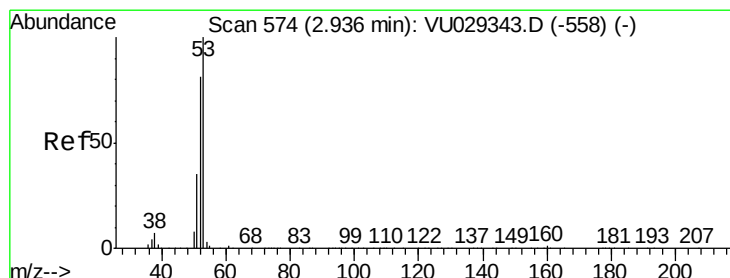
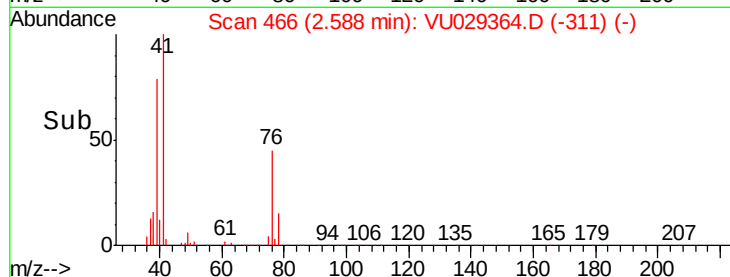
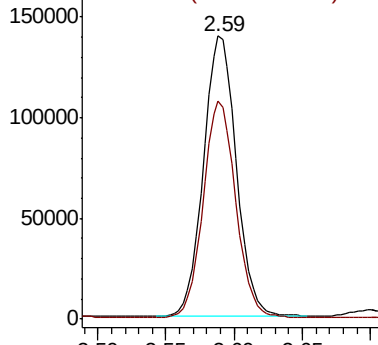
41 100

39 76.0 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 19.653 ug/l

RT: 2.93 min Scan# 573

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

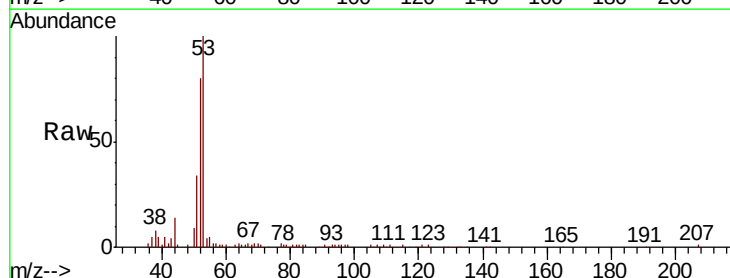
Tgt Ion: 53 Resp: 62500

Ion Ratio Lower Upper

53 100

52 83.3 67.6 101.4

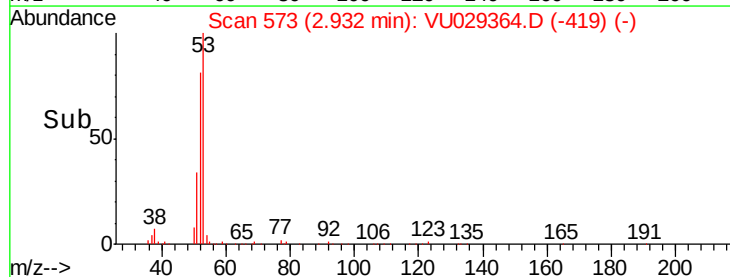
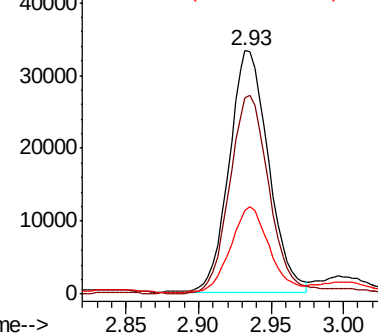
51 35.3 31.0 46.4

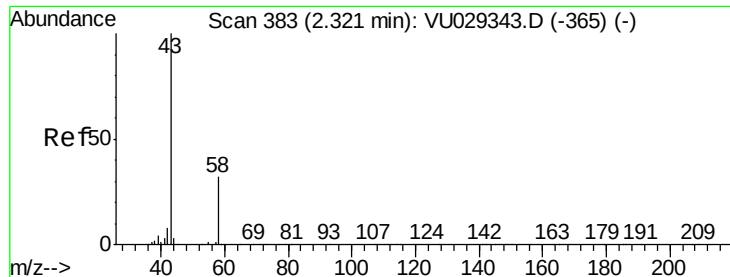


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 49.189 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029364.D

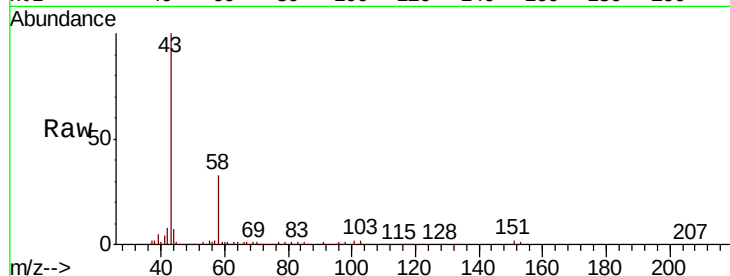
Acq: 07 Feb 2019 09:54

Tgt Ion: 43 Resp: 150761

Ion Ratio Lower Upper

43 100

58 32.9 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

100000

80000

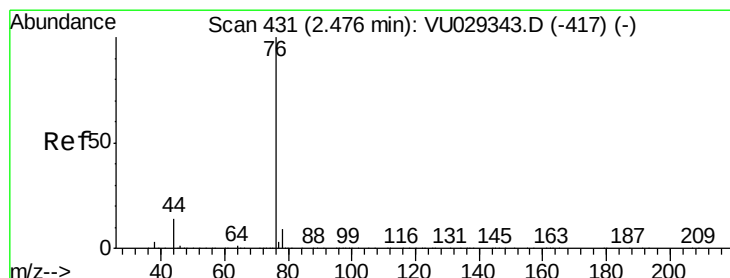
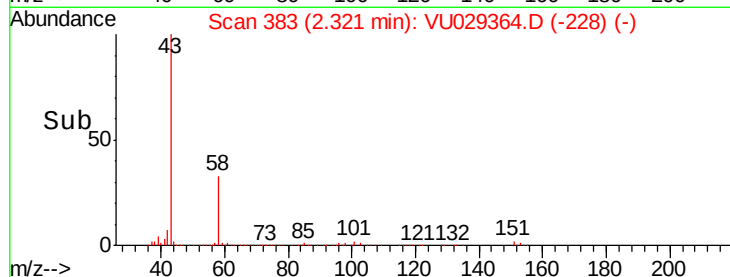
60000

40000

20000

0

Time--> 2.20 2.30 2.40



#14

Carbon Disulfide

Concen: 10.104 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029364.D

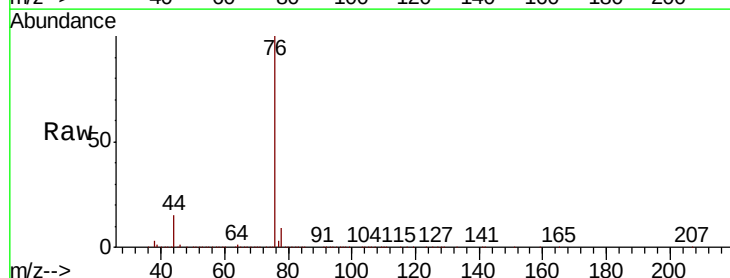
Acq: 07 Feb 2019 09:54

Tgt Ion: 76 Resp: 506196

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.47

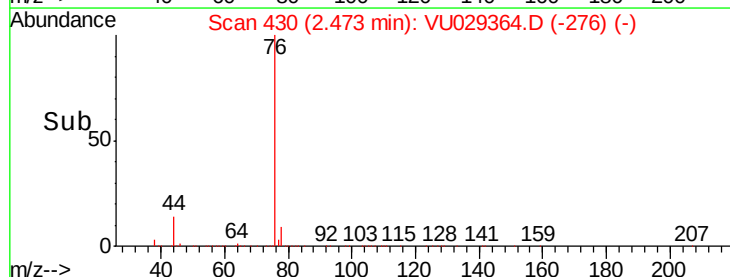
300000

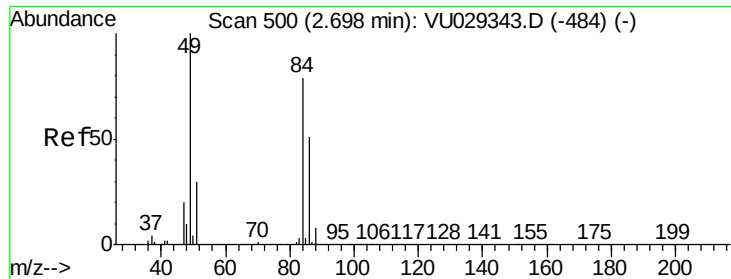
200000

100000

0

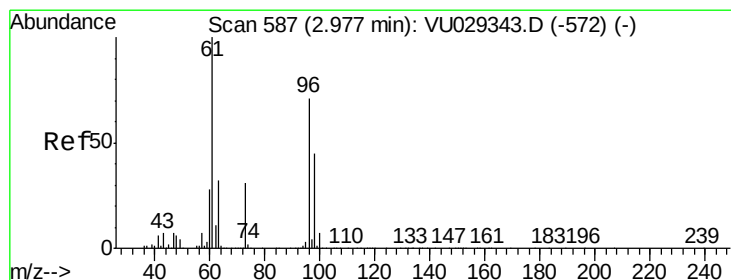
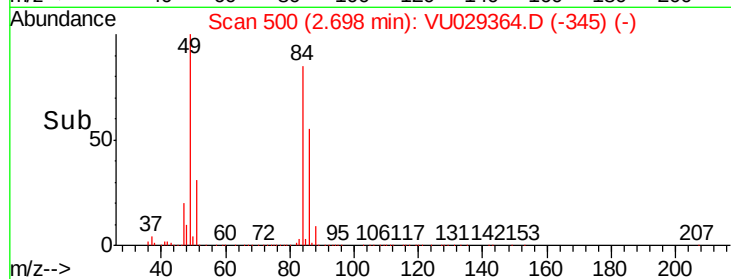
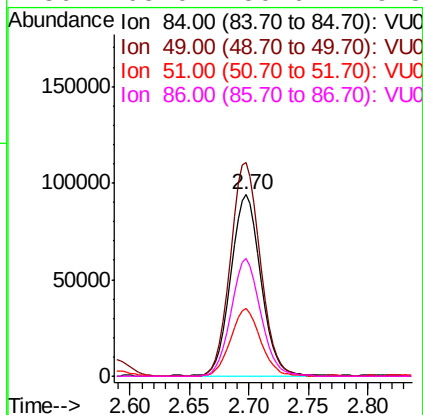
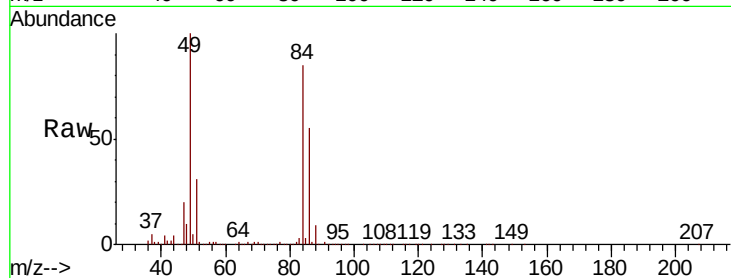
Time--> 2.40 2.45 2.50 2.55





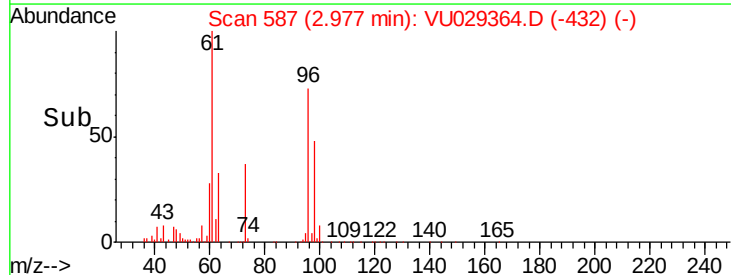
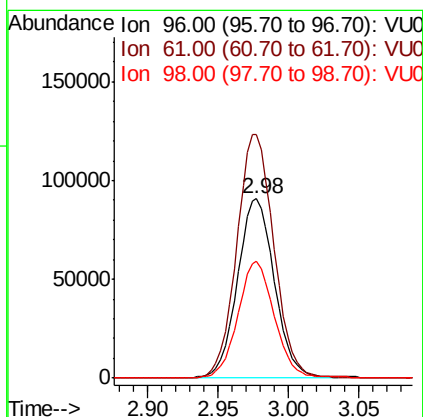
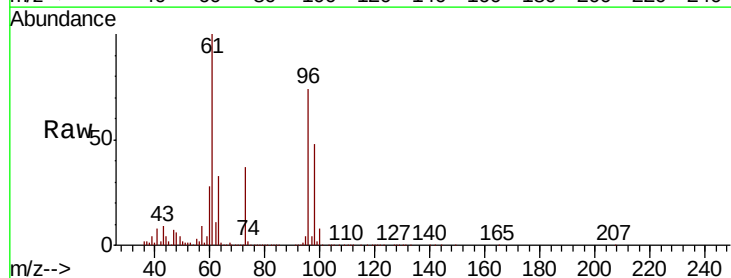
#15
Methylene Chloride
Concen: 9.500 ug/l
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

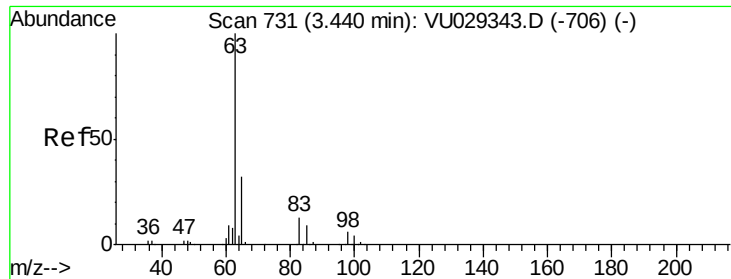
Tgt Ion:	84	Resp:	163439
Ion	Ratio	Lower	Upper
84	100		
49	118.2	127.0	190.6#
51	36.9	0.0	93.4
86	65.0	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 10.421 ug/l
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

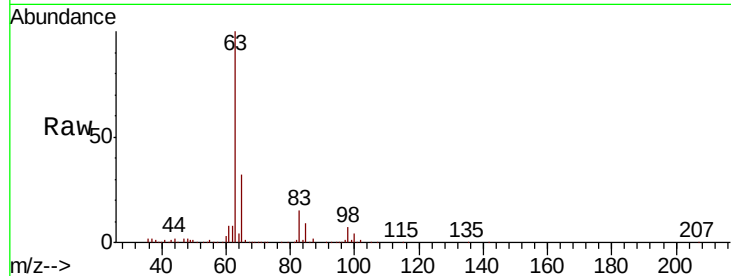
Tgt Ion:	96	Resp:	165352
Ion	Ratio	Lower	Upper
96	100		
61	136.5	140.6	210.8#
98	64.7	49.3	73.9



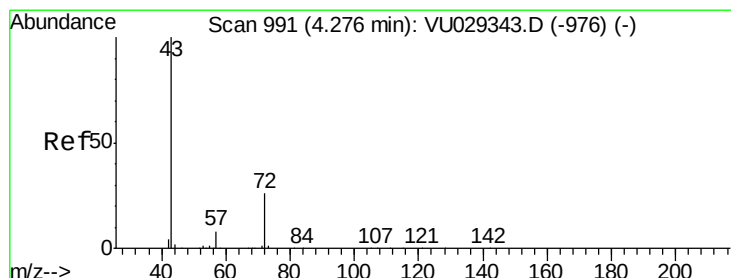
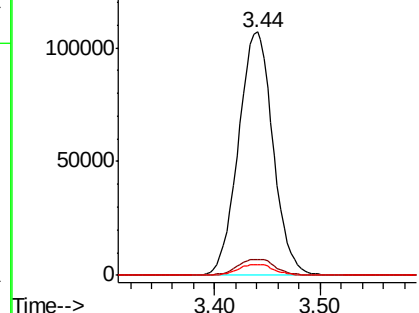
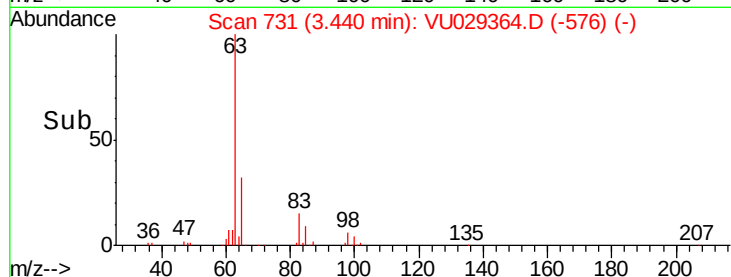


#17
 1,1-Dichloroethane
 Concen: 9.671 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.9	8.8
100	4.5	1.7	5.1

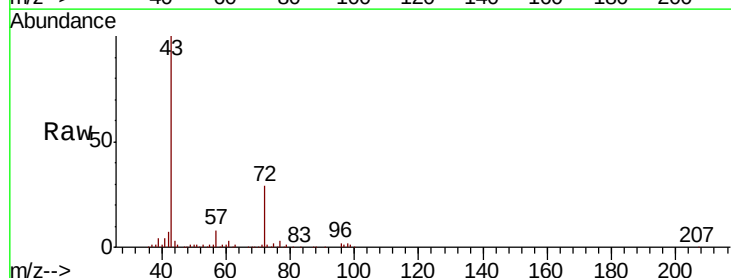


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

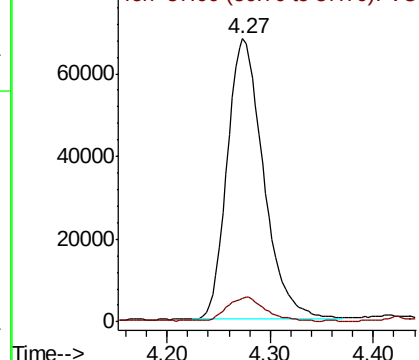
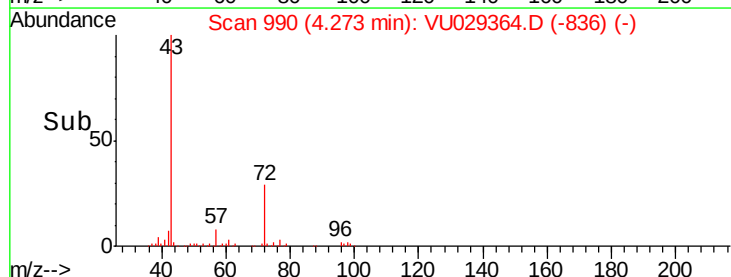


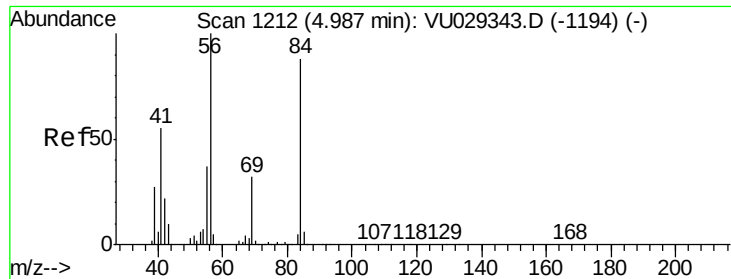
#18
 2-Butanone
 Concen: 48.540 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	15.8



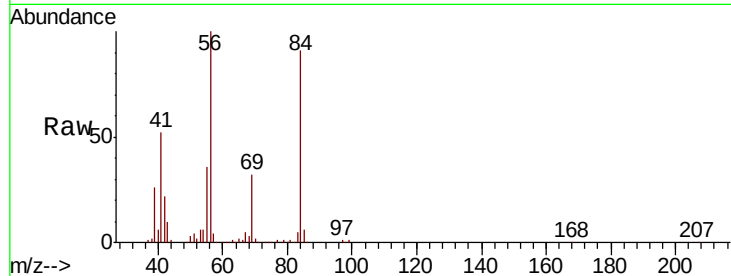
Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



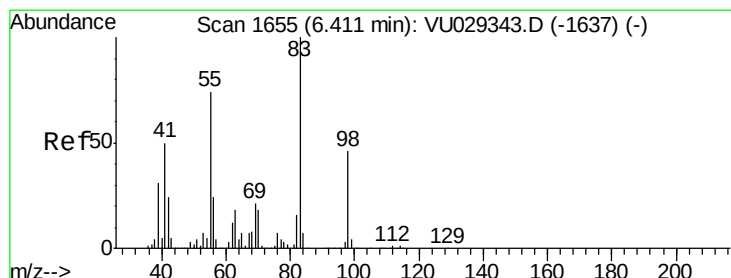
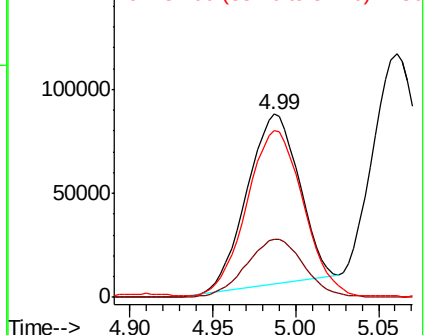
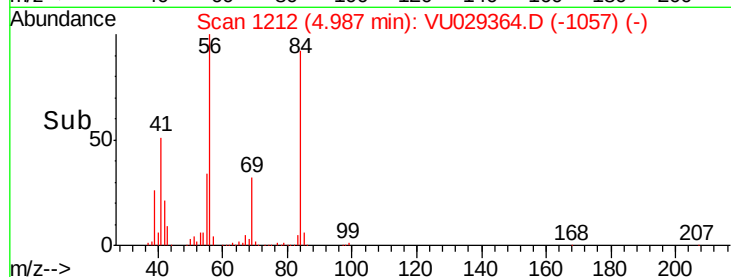


#19
Cyclohexane
Concen: 7.711 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion: 56 Resp: 179772
Ion Ratio Lower Upper
56 100
69 37.0 26.8 40.2
84 105.0 71.5 107.3

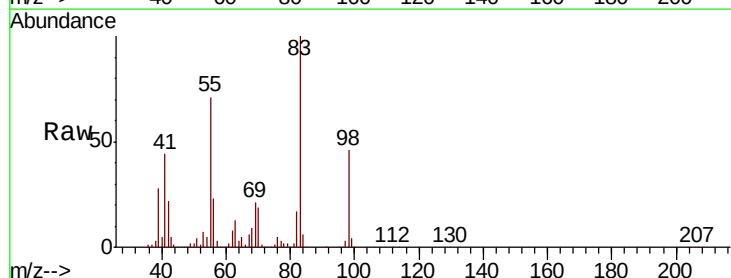


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

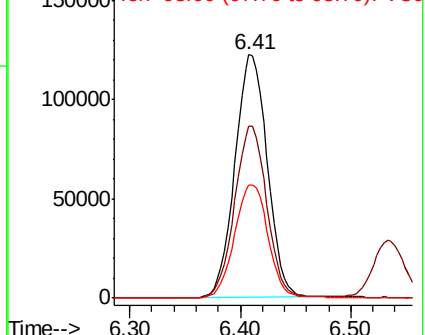
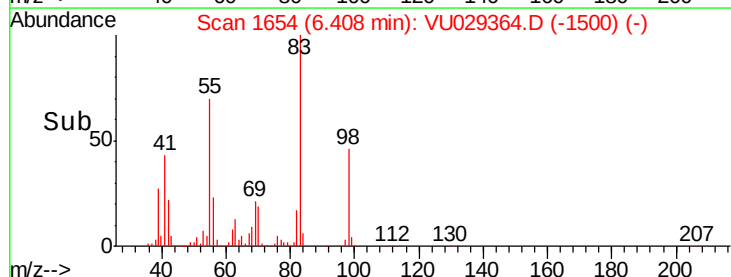


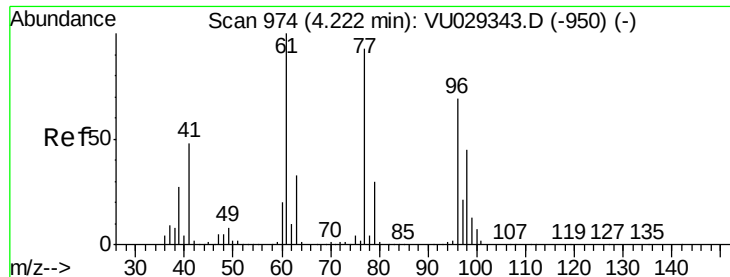
#20
Methylcyclohexane
Concen: 10.137 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion: 83 Resp: 248225
Ion Ratio Lower Upper
83 100
55 69.7 72.4 108.6#
98 47.6 36.6 54.8



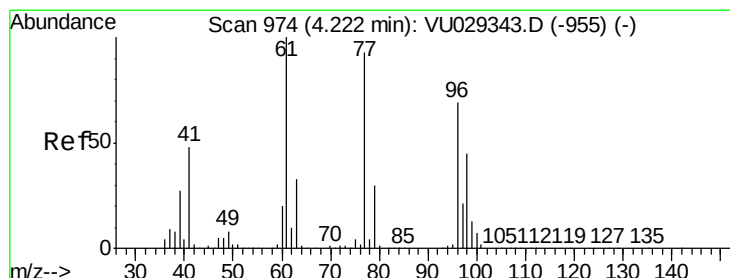
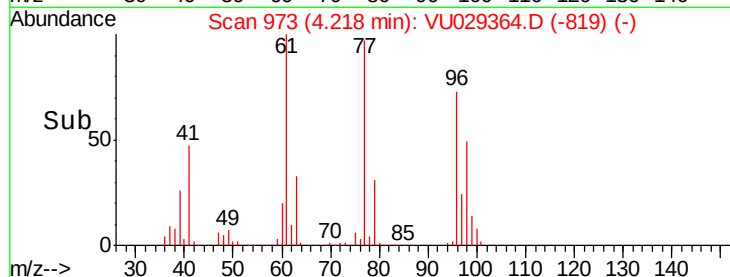
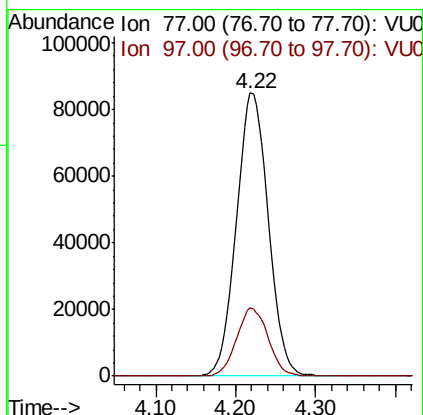
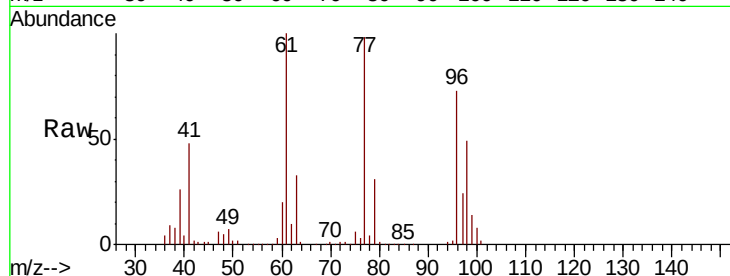
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





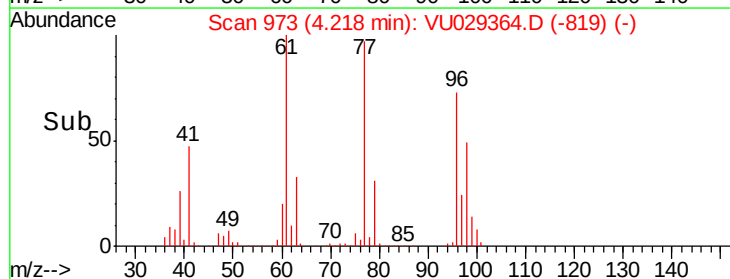
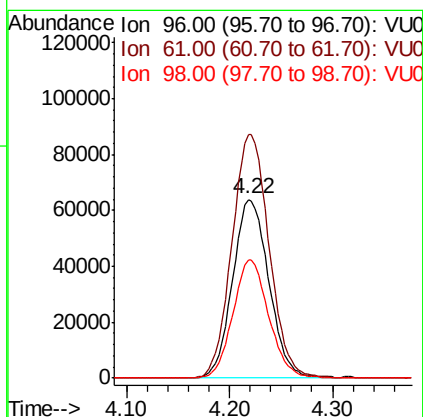
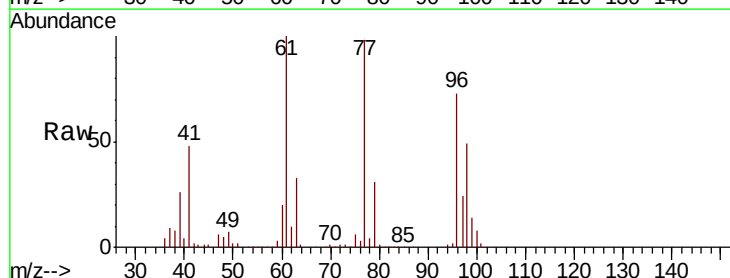
#21
 2,2-Dichloropropane
 Concen: 9.822 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

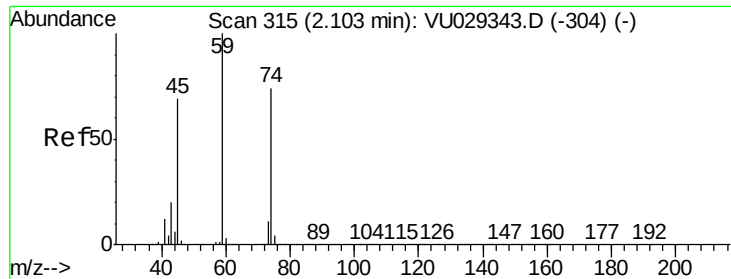
Tgt Ion: 77 Resp: 228599
 Ion Ratio Lower Upper
 77 100
 97 23.8 15.6 23.4#



#22
 cis-1,2-Dichloroethene
 Concen: 10.484 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion: 96 Resp: 156705
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 460.0
 98 65.6 32.6 97.7





#23

Diethyl Ether

Concen: 9.861 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

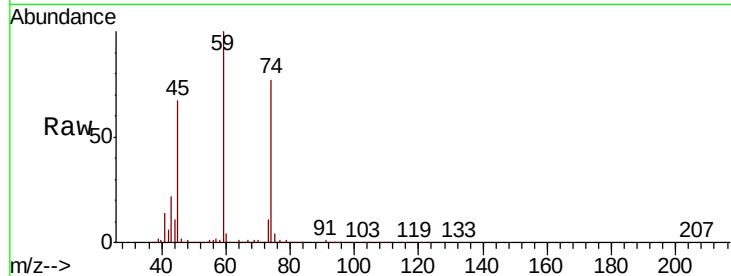
Tgt Ion: 59 Resp: 112353

Ion Ratio Lower Upper

59 100

45 68.9 64.2 96.4

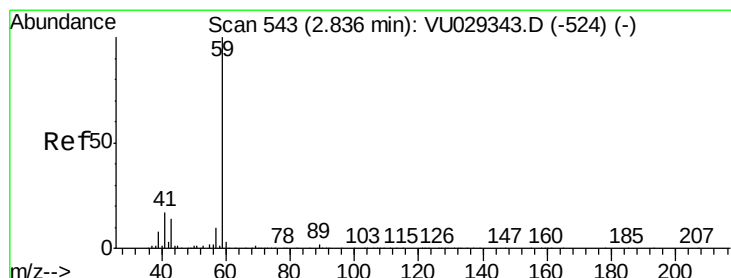
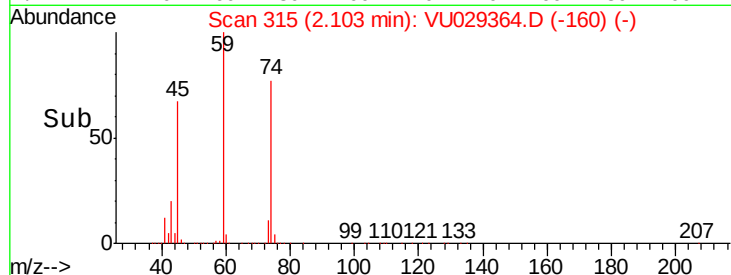
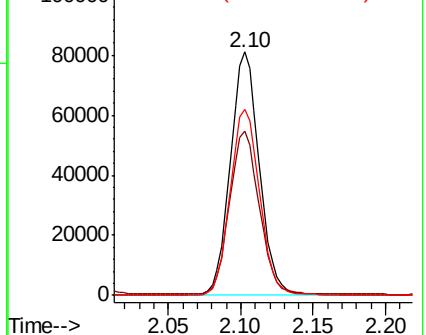
74 77.5 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 97.129 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029364.D

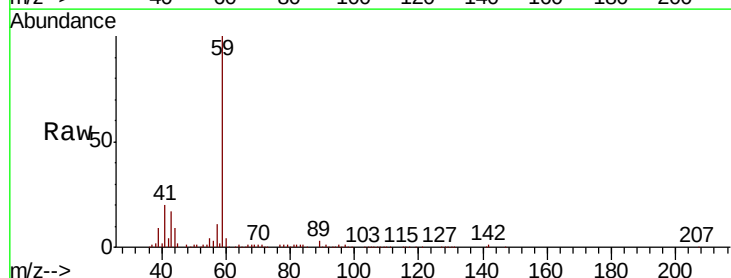
Acq: 07 Feb 2019 09:54

Tgt Ion: 59 Resp: 115011

Ion Ratio Lower Upper

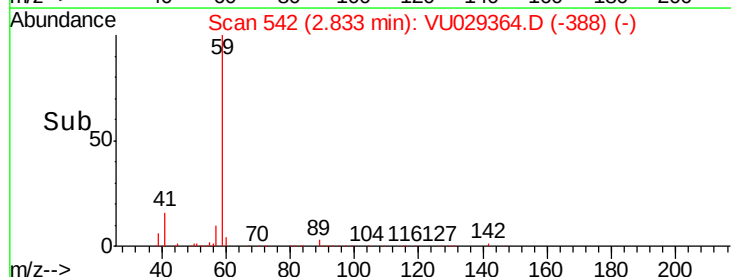
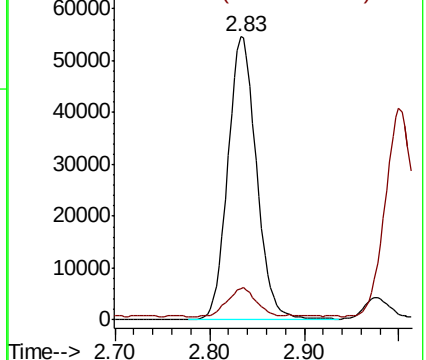
59 100

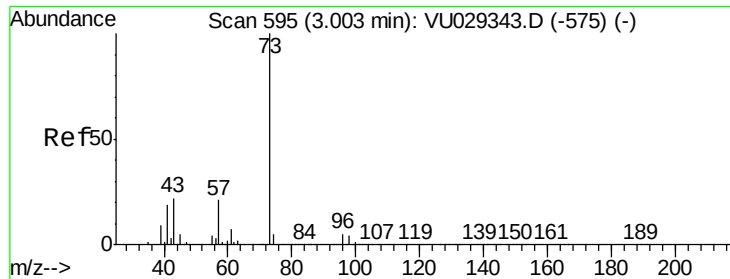
57 10.4 8.8 13.2



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

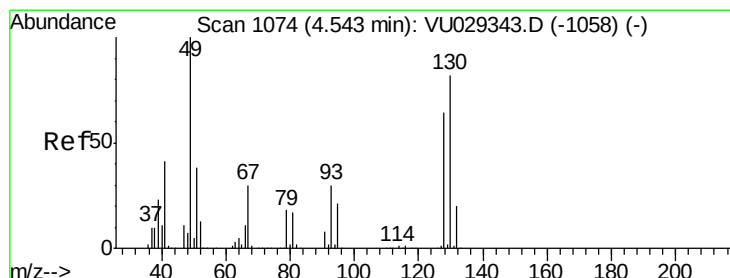
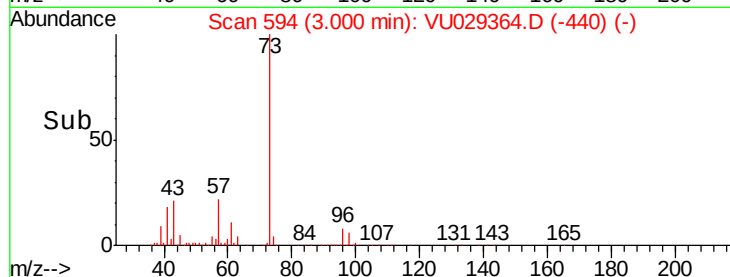
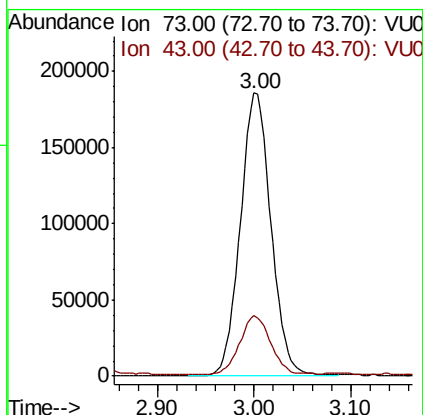
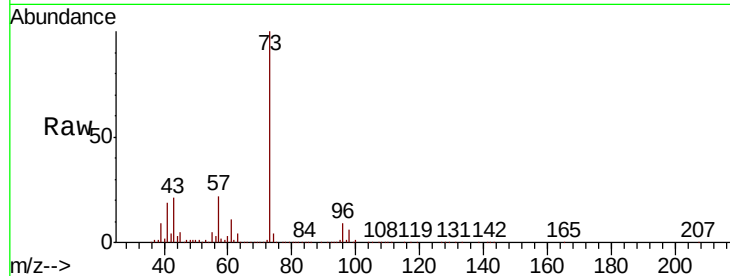




#25

Methyl tert-Butyl Ether
 Concen: 10.235 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

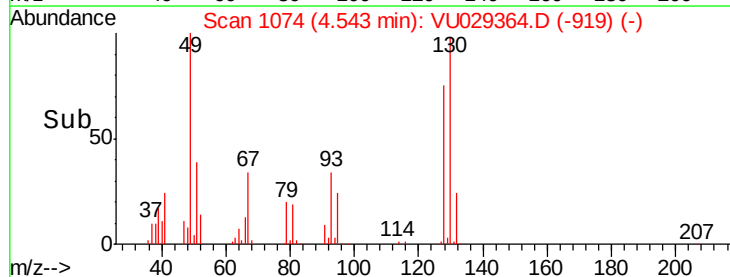
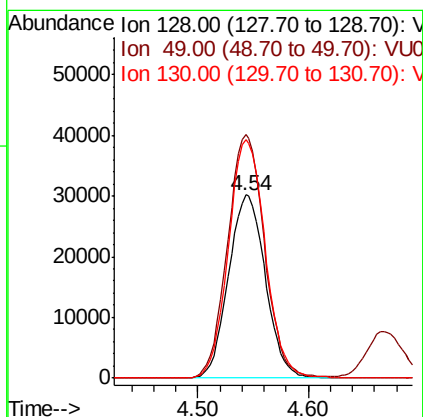
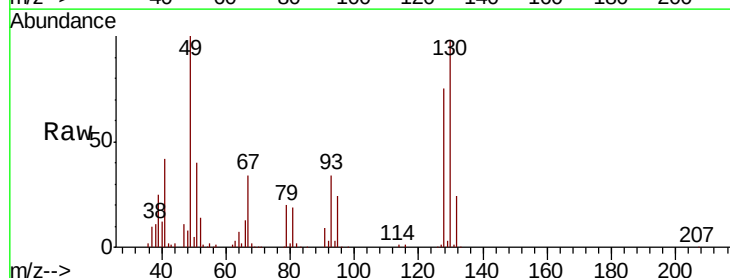
Tgt Ion: 73 Resp: 408923
 Ion Ratio Lower Upper
 73 100
 43 20.8 22.1 33.1#

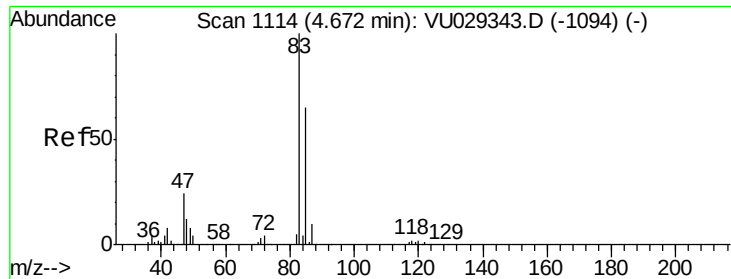


#26

Bromochloromethane
 Concen: 10.598 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

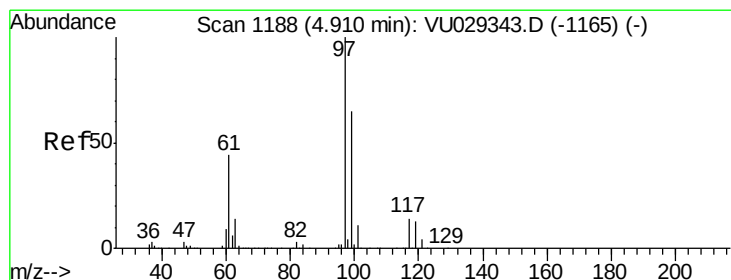
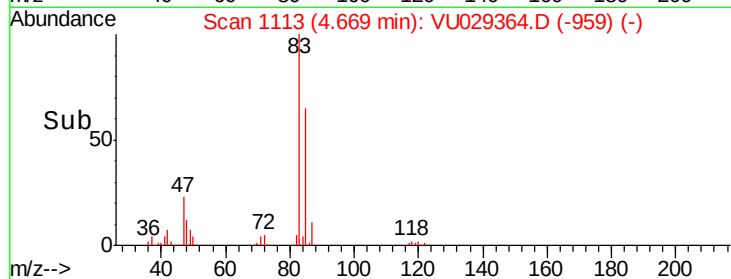
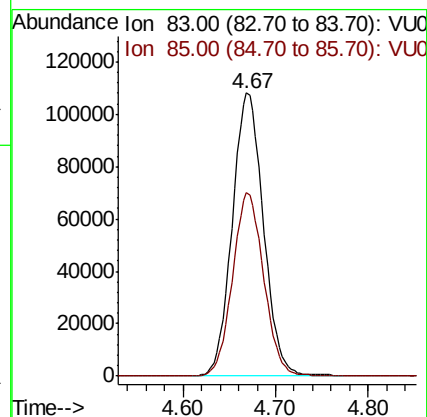
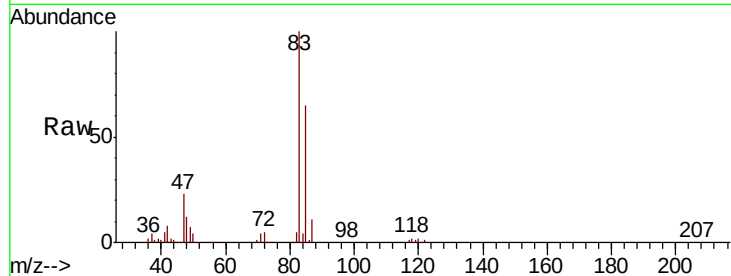
Tgt Ion: 128 Resp: 69975
 Ion Ratio Lower Upper
 128 100
 49 133.4 0.0 401.6
 130 129.8 108.0 162.0





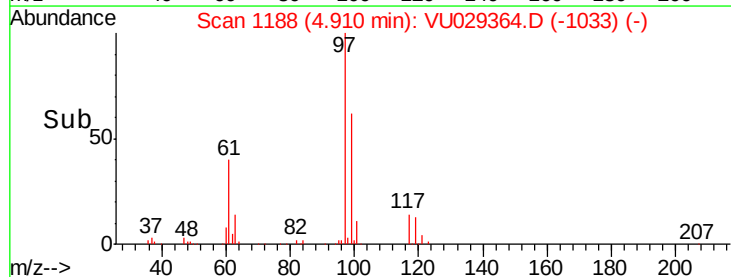
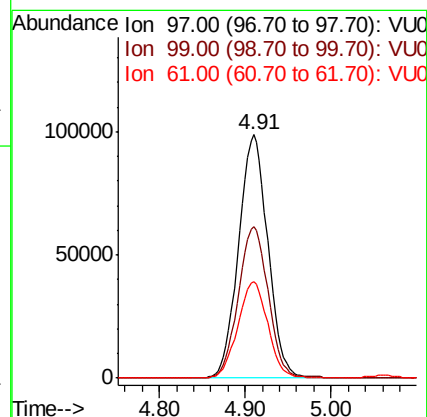
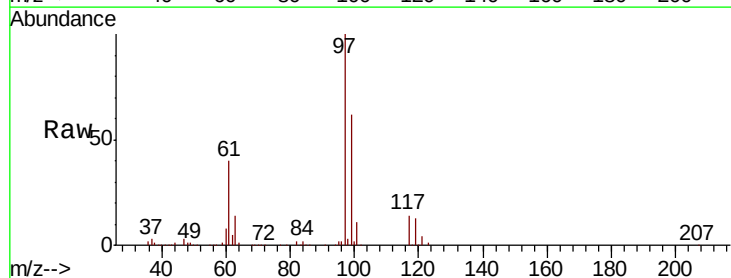
#27
Chloroform
Concen: 10.253 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

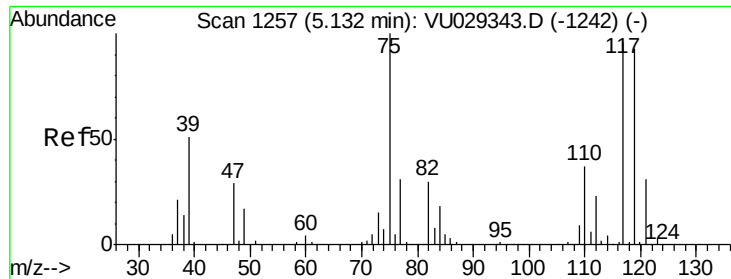
Tgt Ion: 83 Resp: 250712
Ion Ratio Lower Upper
83 100
85 65.0 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 10.336 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion: 97 Resp: 234270
Ion Ratio Lower Upper
97 100
99 63.5 32.4 97.2
61 40.4 24.4 73.2





#29

1,1-Dichloropropene

Concen: 9.811 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

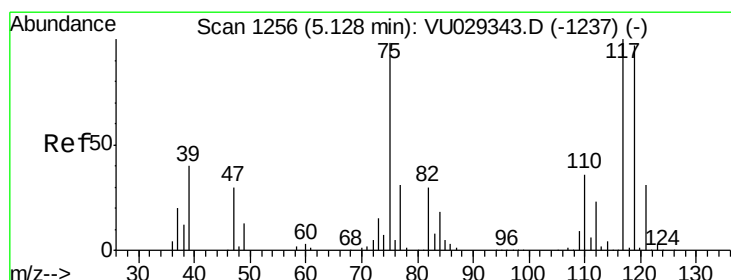
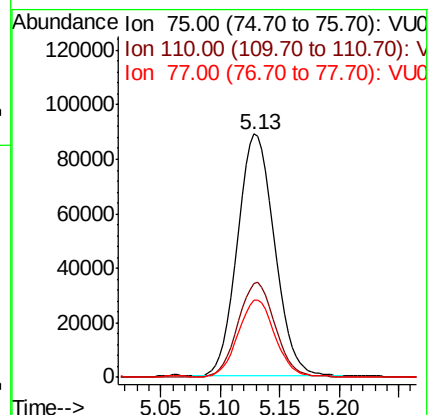
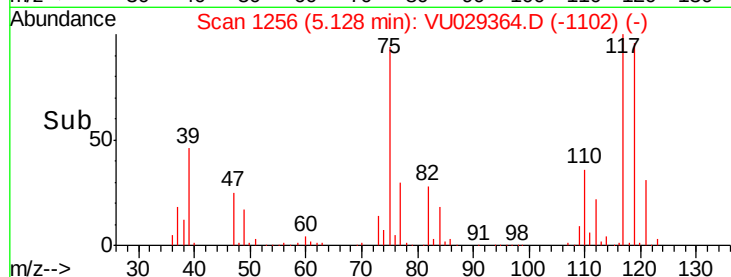
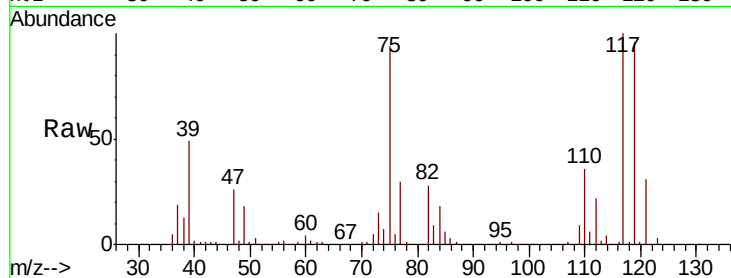
Tgt Ion: 75 Resp: 193033

Ion Ratio Lower Upper

75 100

110 39.6 15.4 46.2

77 31.3 24.1 36.1



#30

Carbon Tetrachloride

Concen: 10.625 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

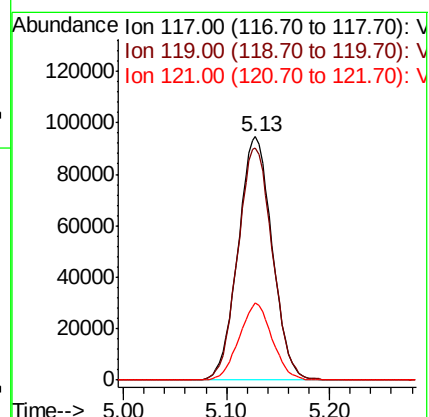
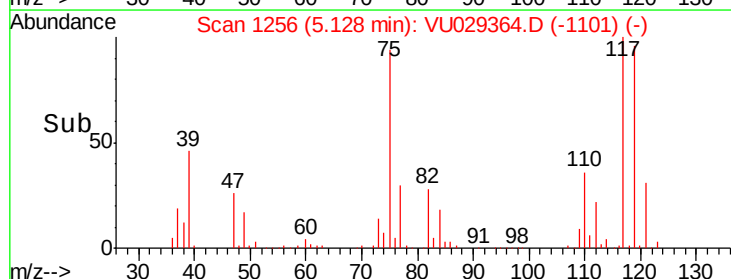
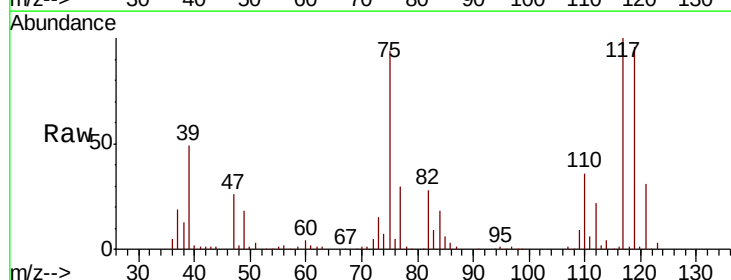
Tgt Ion: 117 Resp: 218005

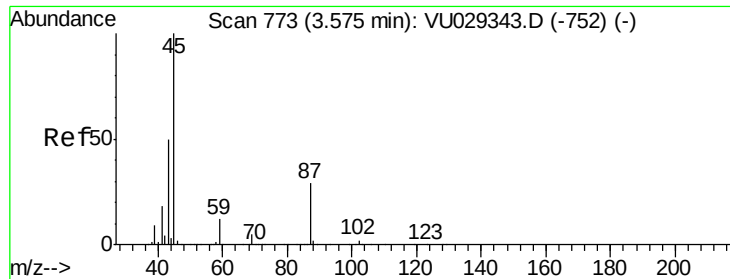
Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2

121 31.5 24.4 36.6





#31

Isopropyl Ether

Concen: 9.423 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029364.D

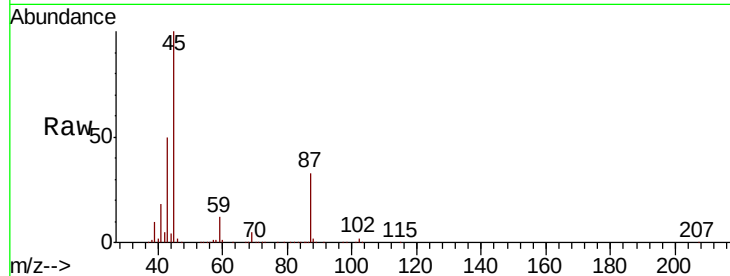
Acq: 07 Feb 2019 09:54

Tgt Ion: 45 Resp: 357510

Ion Ratio Lower Upper

45 100

43 49.6 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029343.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU029343.D (-752) (-)

150000

100000

50000

0

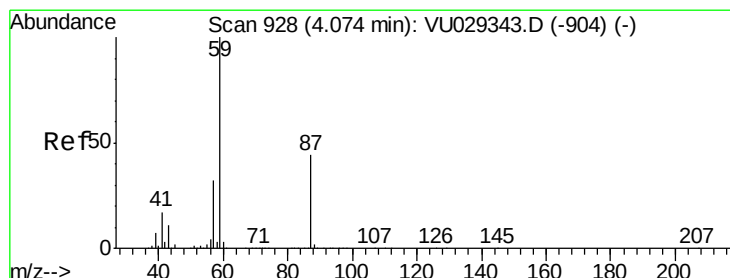
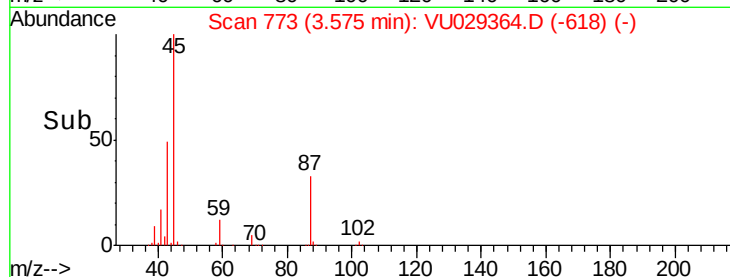
3.58

3.50

3.60

3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.579 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029364.D

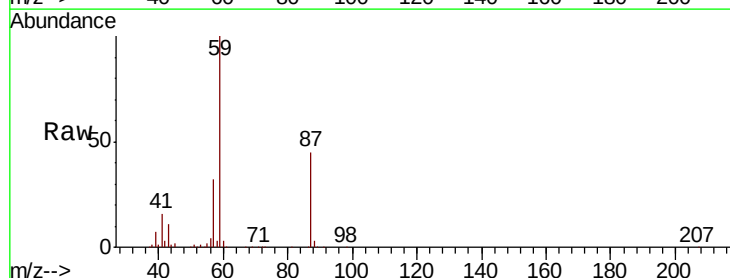
Acq: 07 Feb 2019 09:54

Tgt Ion: 59 Resp: 364197

Ion Ratio Lower Upper

59 100

87 45.5 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029343.D (-904) (-)

Ion 87.00 (86.70 to 87.70): VU029343.D (-904) (-)

150000

100000

50000

0

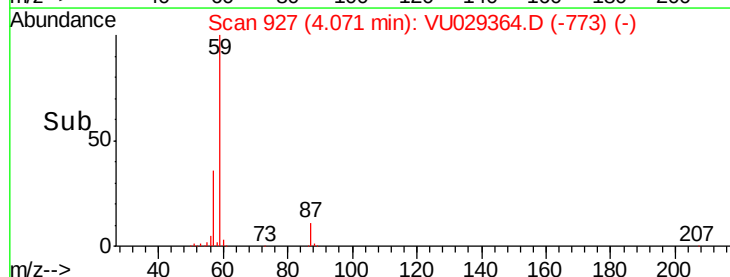
4.07

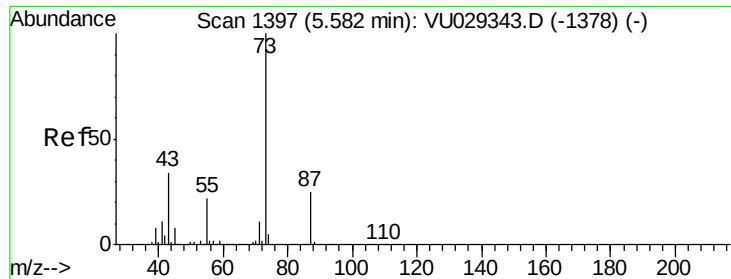
4.00

4.10

4.20

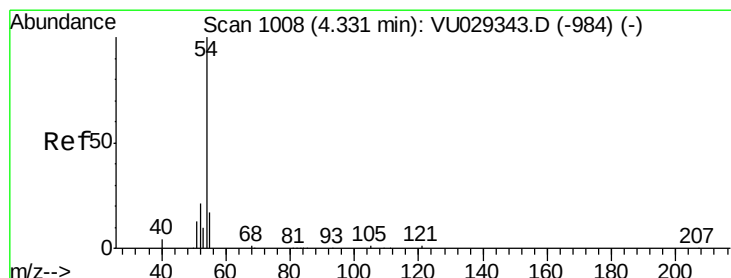
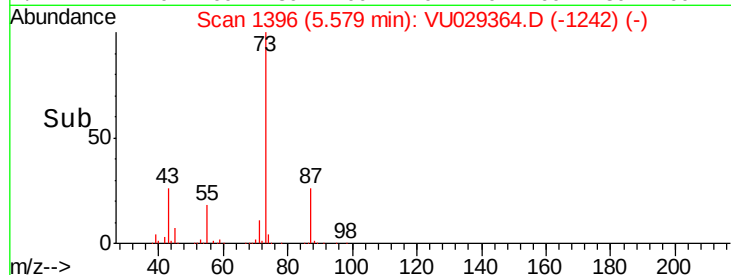
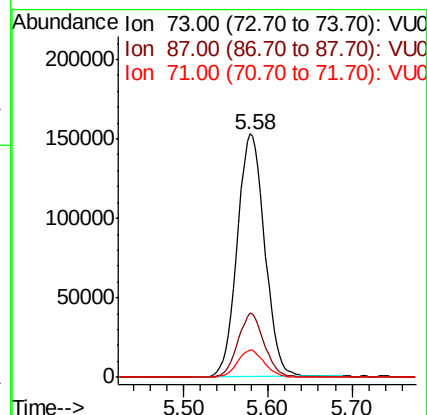
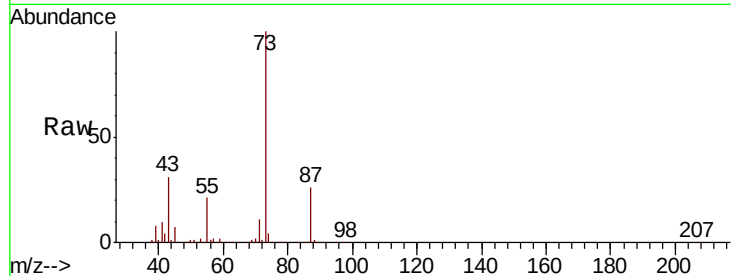
Time-->





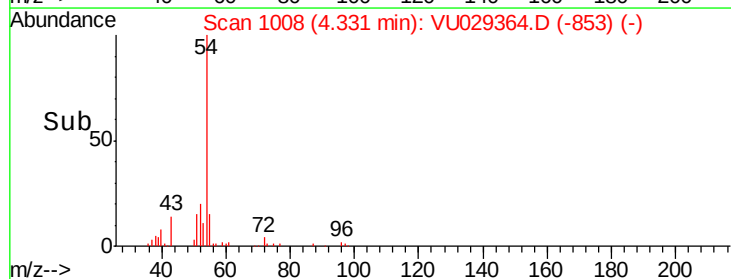
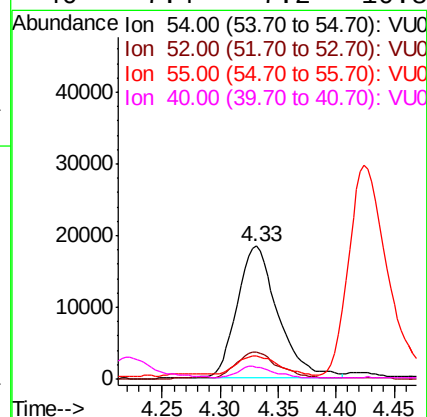
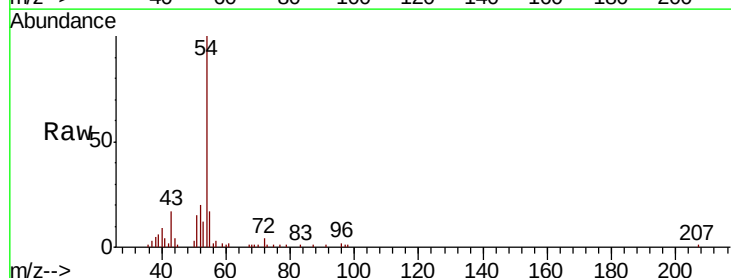
#33
Tert-Amyl methyl ether
Concen: 10.091 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

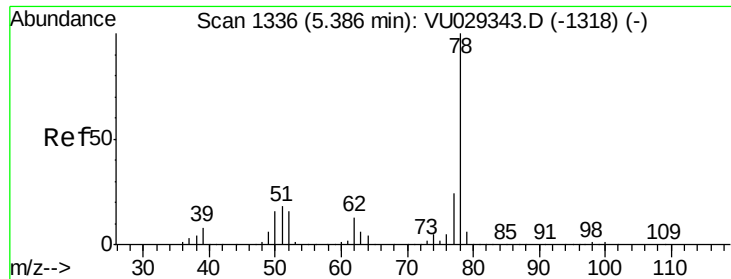
Tgt Ion: 73 Resp: 346910
Ion Ratio Lower Upper
73 100
87 25.1 19.4 29.0
71 10.8 9.0 13.4



#34
Propionitrile
Concen: 49.526 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion: 54 Resp: 44594
Ion Ratio Lower Upper
54 100
52 20.7 18.9 28.3
55 14.8 15.1 22.7#
40 7.4 7.2 10.8





#35

Benzene

Concen: 10.158 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029364.D

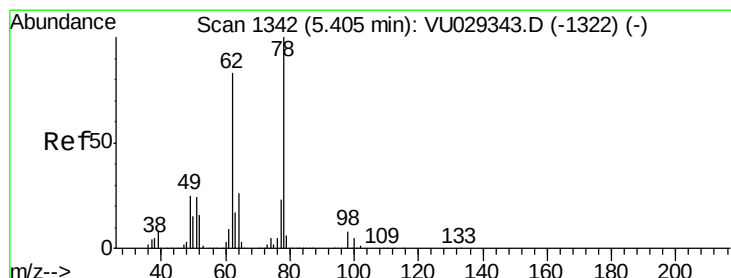
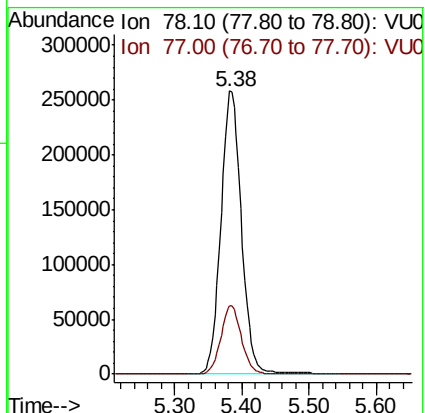
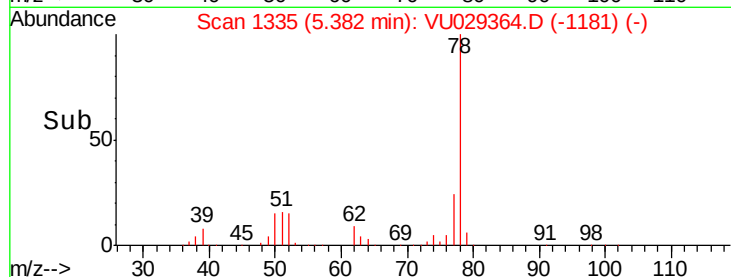
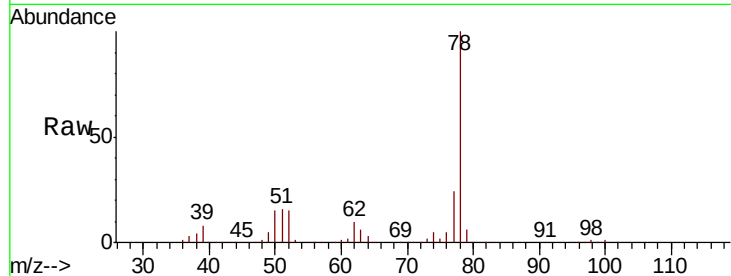
Acq: 07 Feb 2019 09:54

Tgt Ion: 78 Resp: 552695

Ion Ratio Lower Upper

78 100

77 24.2 19.8 29.8



#36

1,2-Dichloroethane

Concen: 9.616 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029364.D

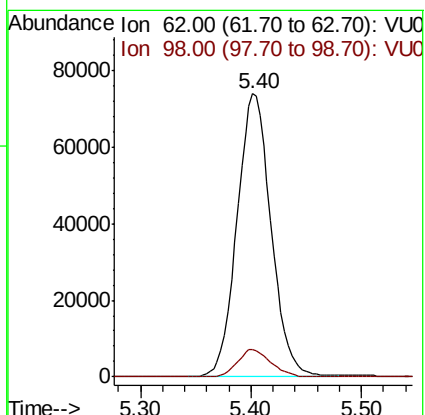
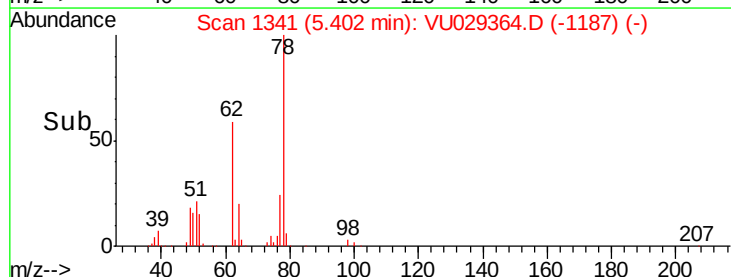
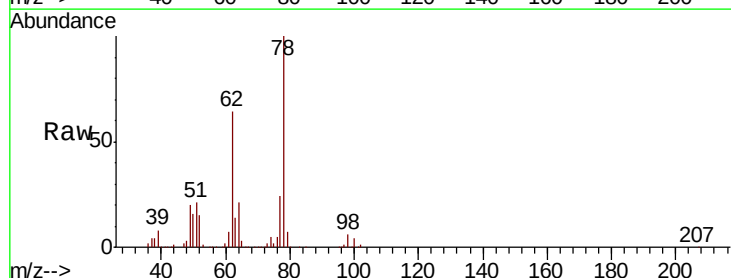
Acq: 07 Feb 2019 09:54

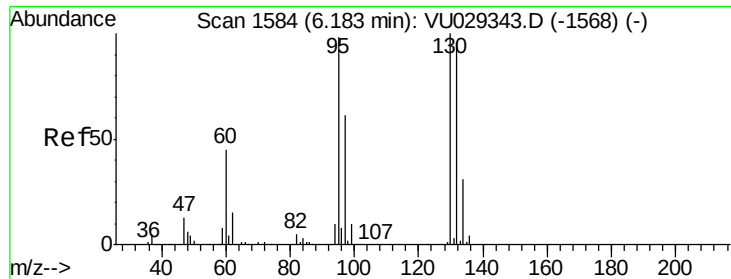
Tgt Ion: 62 Resp: 158259

Ion Ratio Lower Upper

62 100

98 9.6 4.9 7.3#





#37

Trichloroethene

Concen: 10.934 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029364.D

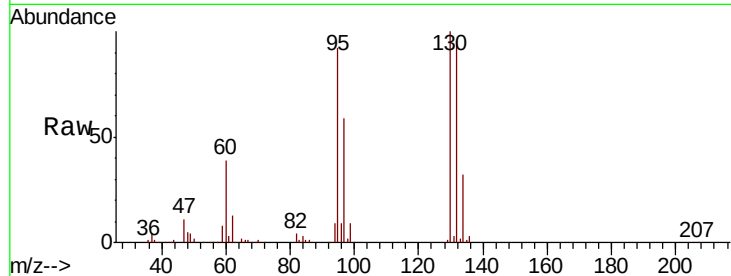
Acq: 07 Feb 2019 09:54

Tgt Ion: 130 Resp: 170715

Ion Ratio Lower Upper

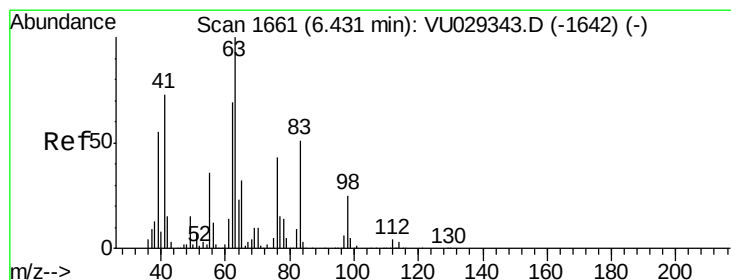
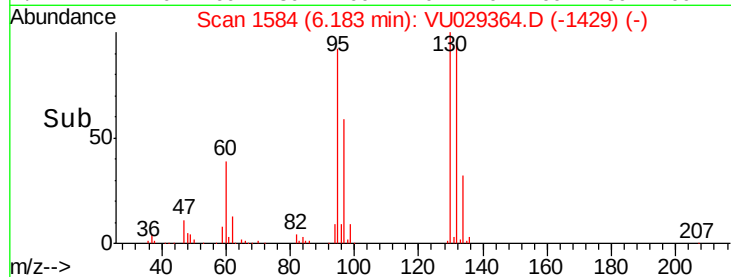
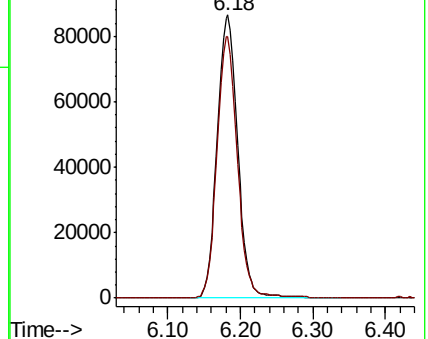
130 100

95 92.1 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029364.D (-1429) (-)



#38

1,2-Dichloropropane

Concen: 9.921 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VU029364.D

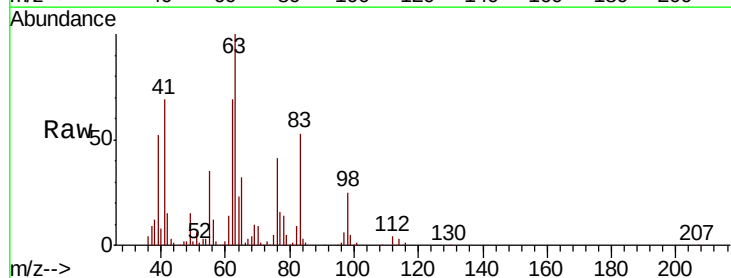
Acq: 07 Feb 2019 09:54

Tgt Ion: 63 Resp: 140427

Ion Ratio Lower Upper

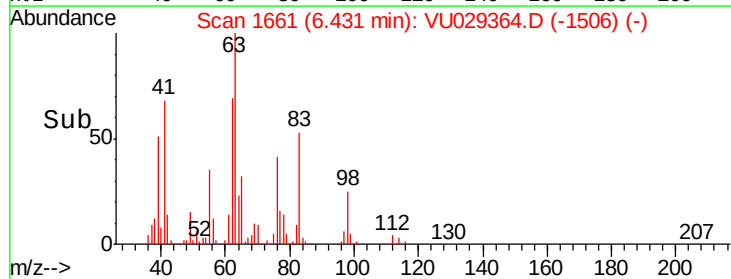
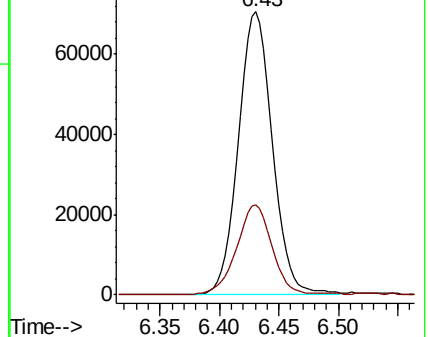
63 100

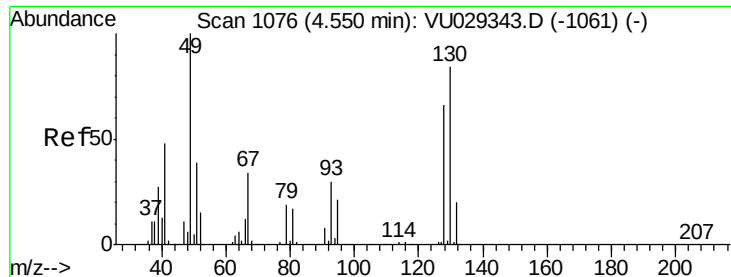
65 31.5 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU029364.D (-1506) (-)





#39

Methacrylonitrile

Concen: 9.098 ug/l

RT: 4.55 min Scan# 1075

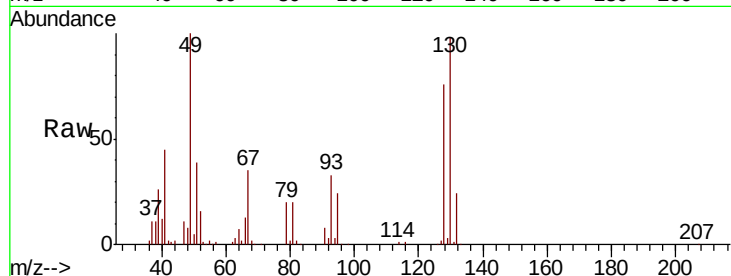
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion: 41 Resp: 41950

Ion	Ratio	Lower	Upper
41	100		
67	78.3	50.1	75.1#
39	57.0	47.9	71.9
52	32.8	24.8	37.2



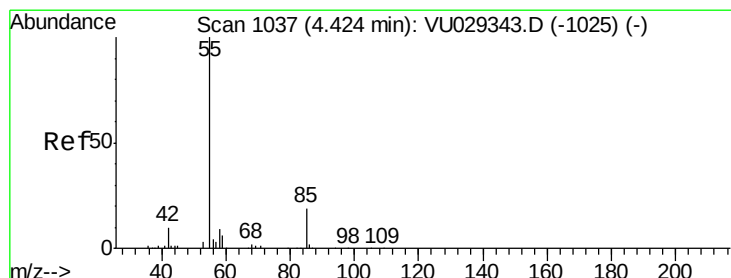
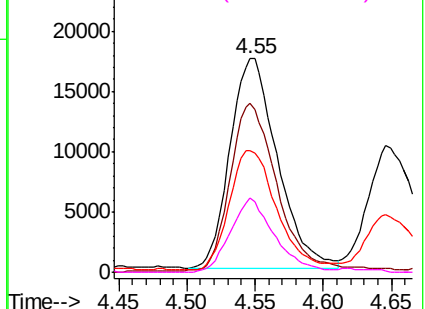
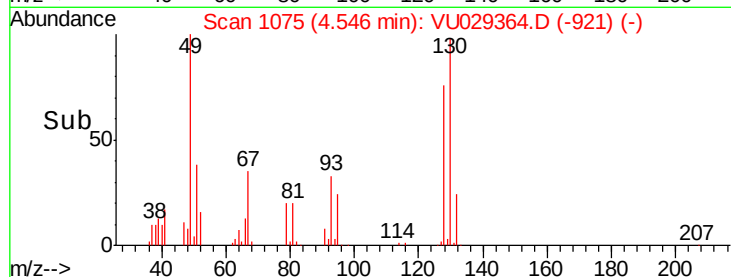
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 9.595 ug/l

RT: 4.42 min Scan# 1037

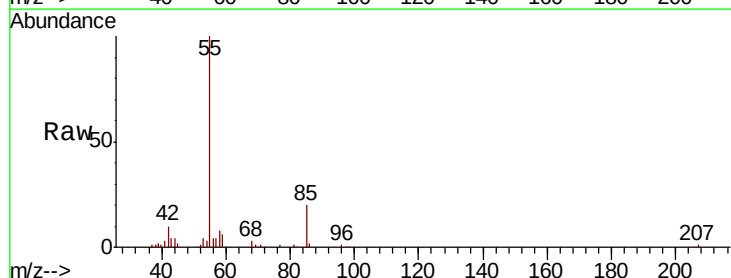
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion: 55 Resp: 66789

Ion	Ratio	Lower	Upper
55	100		
85	20.7	11.3	16.9#
58	9.2	6.2	9.4
42	9.5	10.1	15.1#



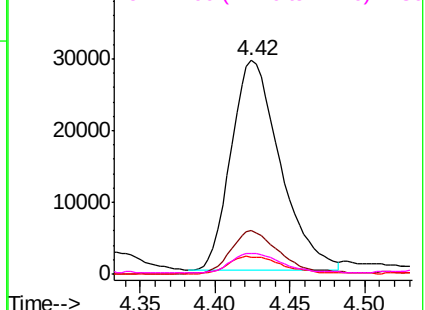
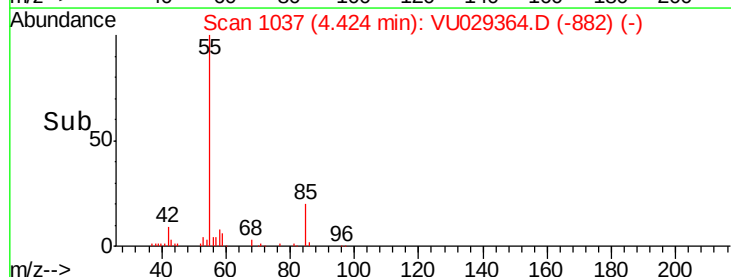
Abundance

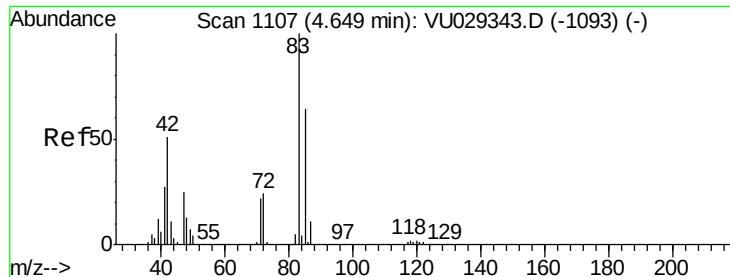
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 17.699 ug/l

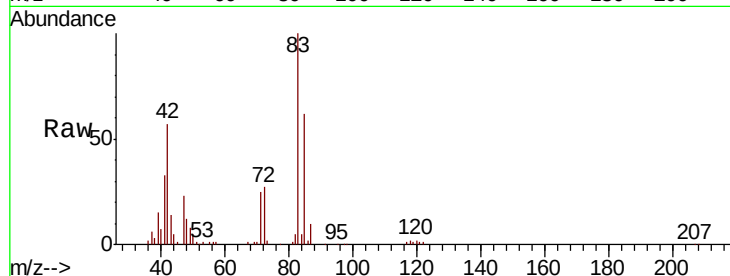
RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

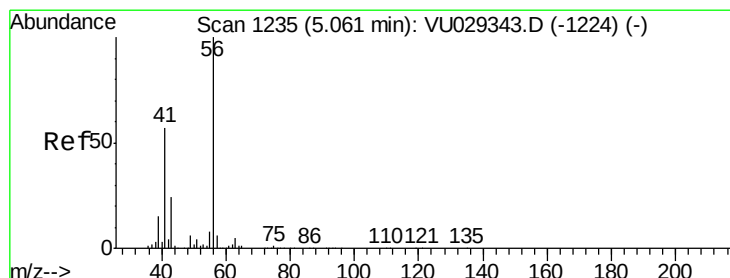
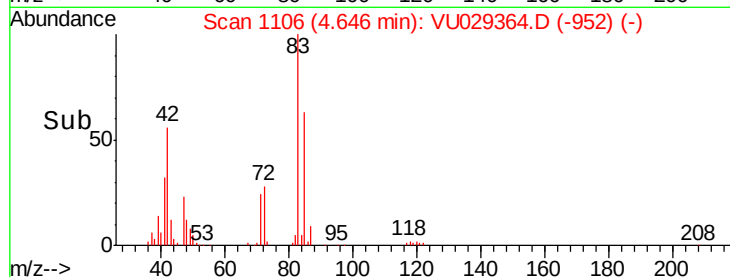
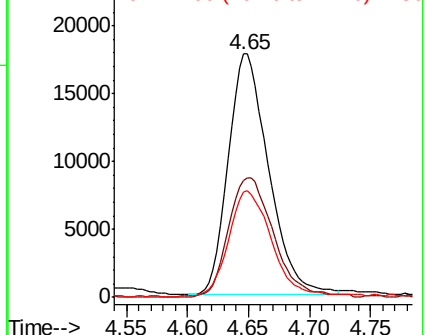
Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion:	42	Resp:	41110
Ion	Ratio	Lower	Upper
42	100		
72	55.2	33.1	49.7#
71	44.9	30.2	45.2



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 9.727 ug/l

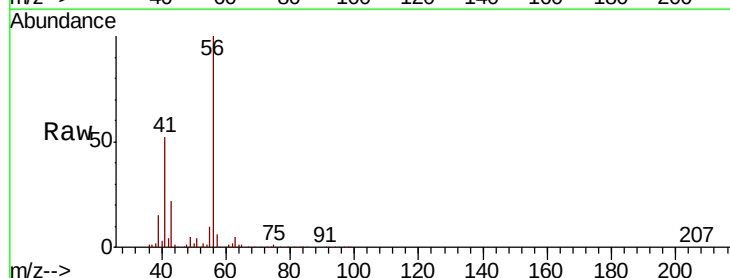
RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

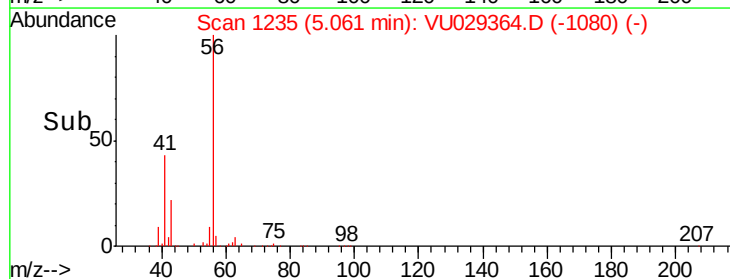
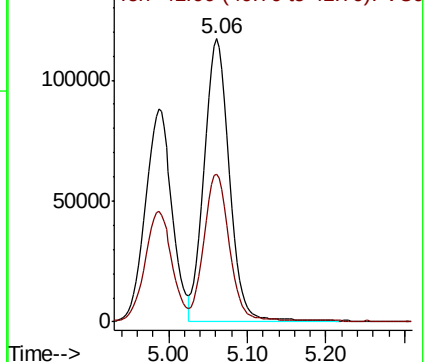
Lab File: VU029364.D

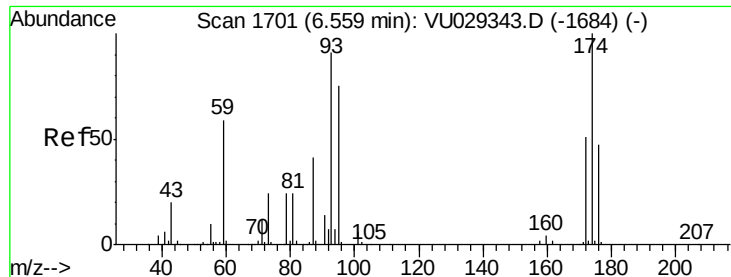
Acq: 07 Feb 2019 09:54

Tgt Ion:	56	Resp:	256421
Ion	Ratio	Lower	Upper
56	100		
41	52.4	31.3	93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.113 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

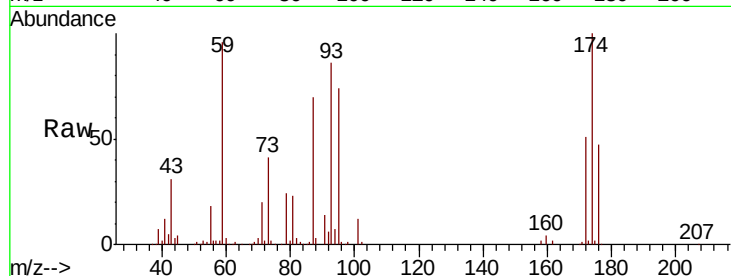
Tgt Ion: 93 Resp: 76279

Ion Ratio Lower Upper

93 100

95 84.1 68.2 102.2

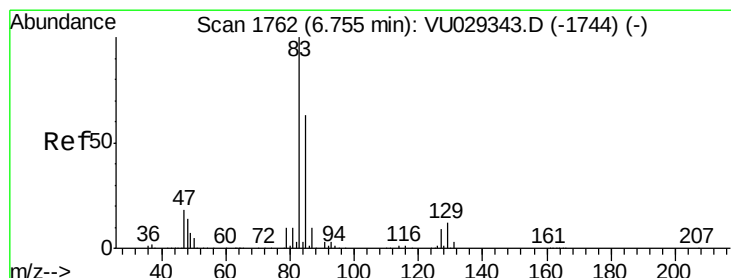
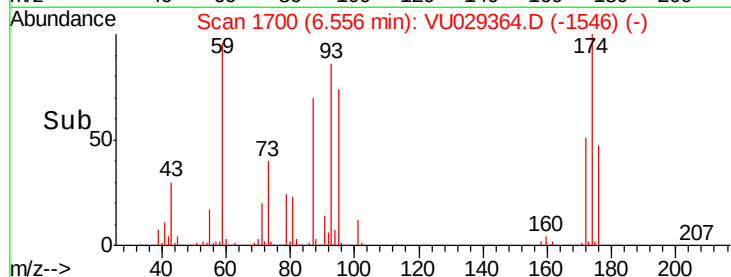
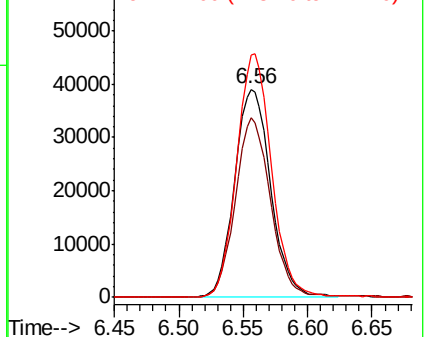
174 113.5 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU029364.D (-1684) (-)

Ion 95.00 (94.70 to 95.70): VU029364.D (-1684) (-)

Ion 174.00 (173.70 to 174.70): VU029364.D (-1684) (-)



#44

Bromodichloromethane

Concen: 10.181 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

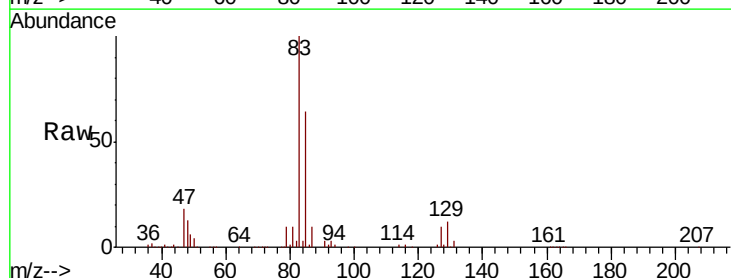
Tgt Ion: 83 Resp: 195666

Ion Ratio Lower Upper

83 100

85 63.8 49.2 73.8

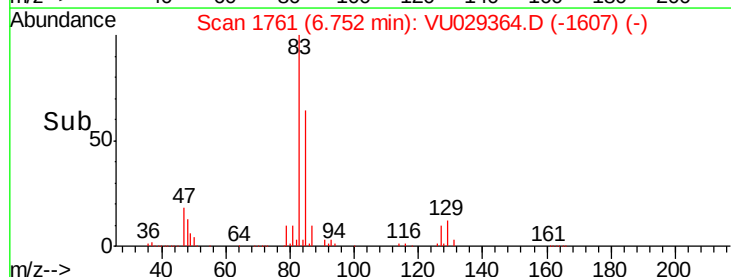
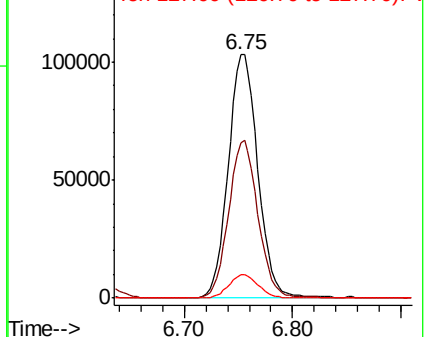
127 9.6 7.0 10.6

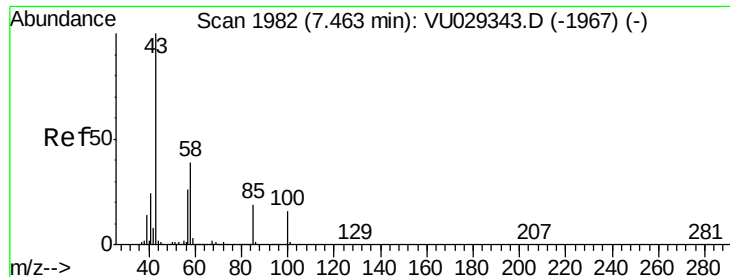


Abundance Ion 83.00 (82.70 to 83.70): VU029364.D (-1607) (-)

Ion 85.00 (84.70 to 85.70): VU029364.D (-1607) (-)

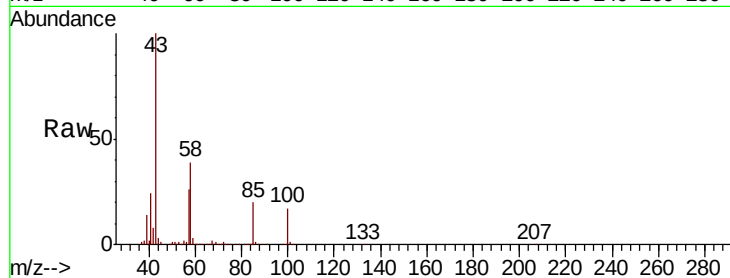
Ion 127.00 (126.70 to 127.70): VU029364.D (-1607) (-)



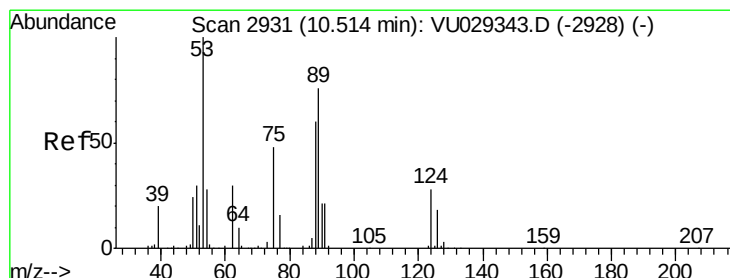
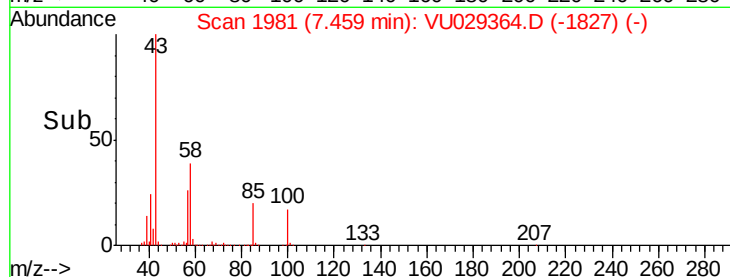
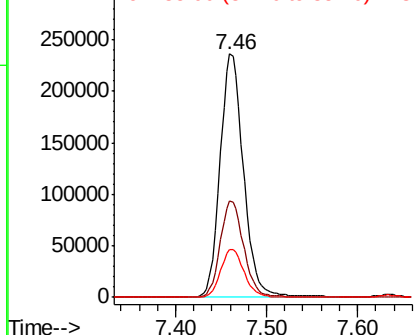


#45
 4-Methyl-2-Pentanone
 Concen: 47.580 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	17.6	52.8
85	20.0	12.3	18.5

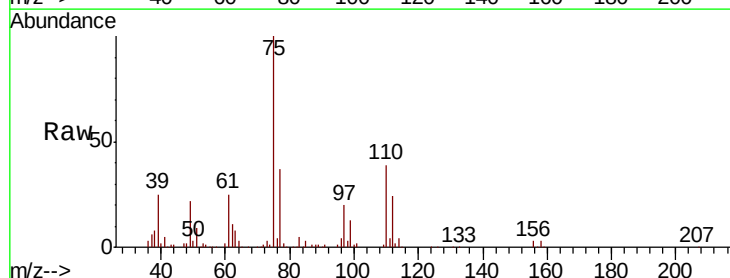


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

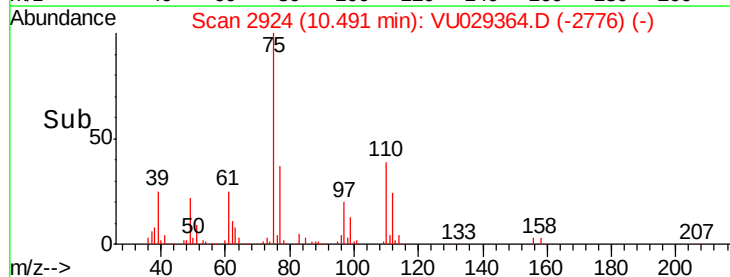
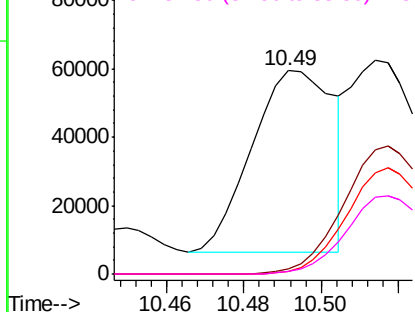


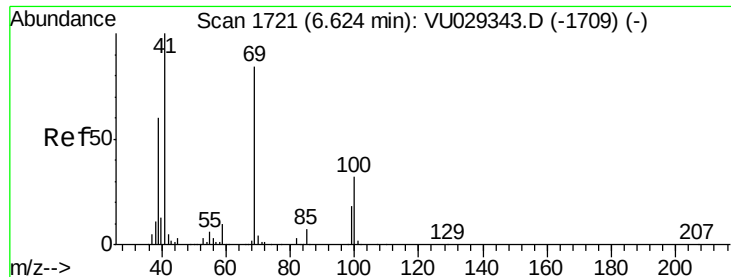
#46
 t-1,4-Dichloro-2-butene
 Concen: 18.081 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.6	78.2	117.4
89	61.1	44.2	66.4
88	45.8	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: 20.449 ug/l

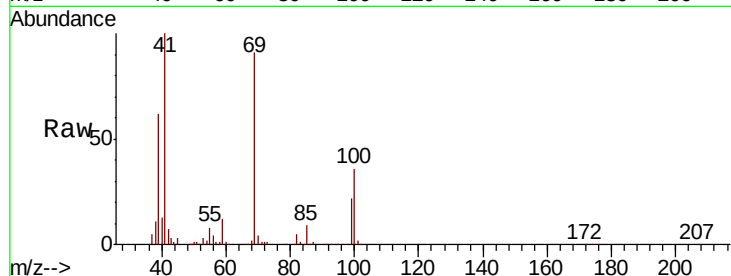
RT: 6.62 min Scan# 1721

Delta R.T. -0.00 min

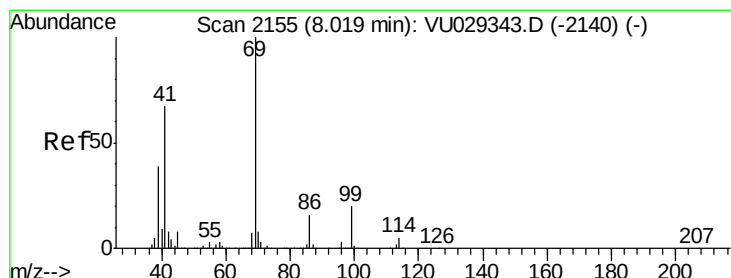
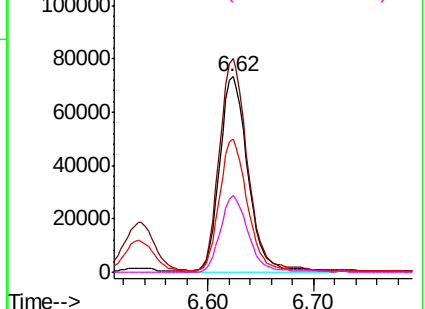
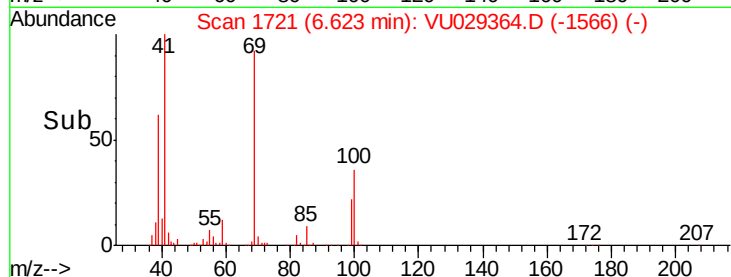
Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion:	69	Resp:	135711
Ion	Ratio	Lower	Upper
69	100		
41	107.3	0.0	296.2
39	67.4	71.2	106.8#
100	38.6	28.6	42.8



Abundance Ion 69.00 (68.70 to 69.70): VU029364.D (-1566) (-)



#48

Ethyl methacrylate

Concen: 10.094 ug/l

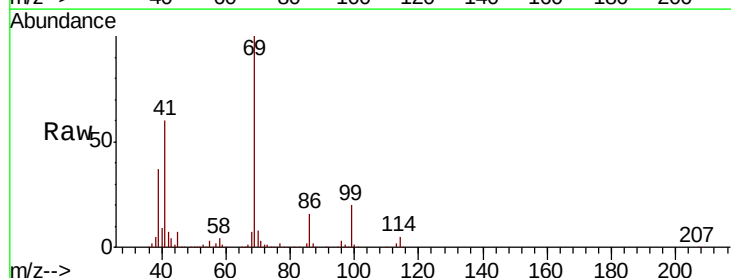
RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

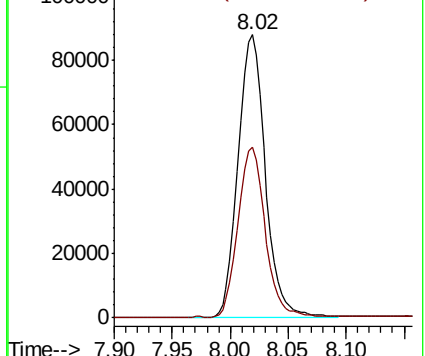
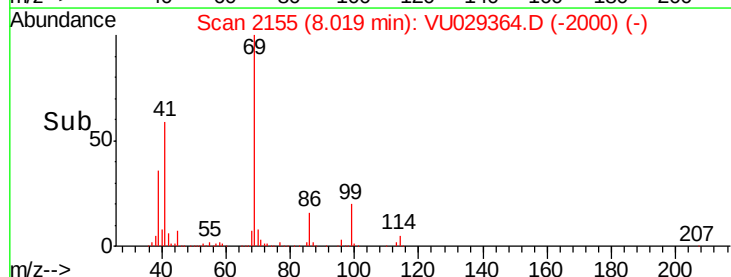
Lab File: VU029364.D

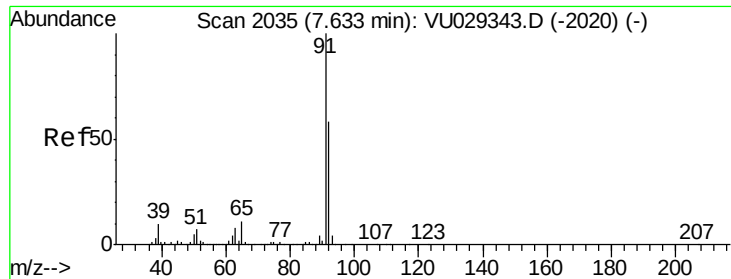
Acq: 07 Feb 2019 09:54

Tgt Ion:	69	Resp:	143709
Ion	Ratio	Lower	Upper
69	100		
41	59.6	39.9	119.7



Abundance Ion 69.00 (68.70 to 69.70): VU029364.D (-2000) (-)





#49

Toluene

Concen: 10.403 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029364.D

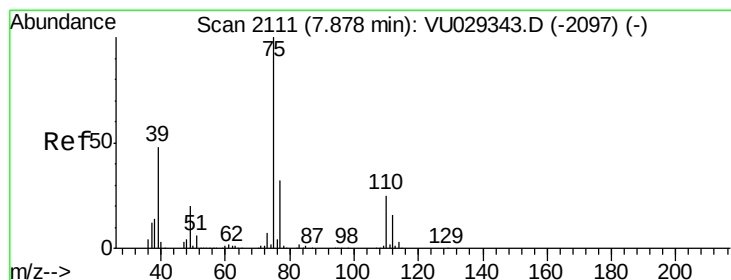
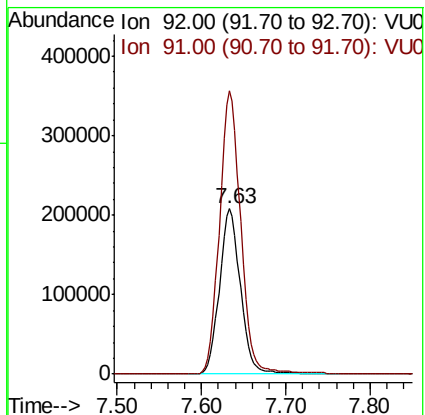
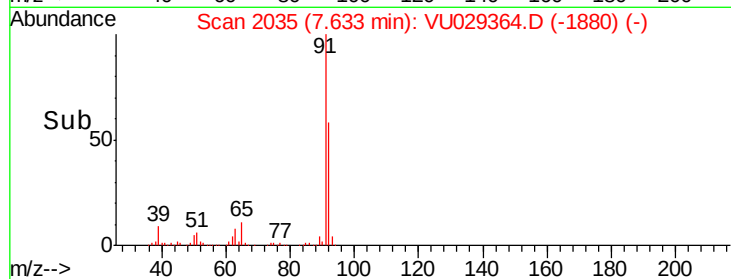
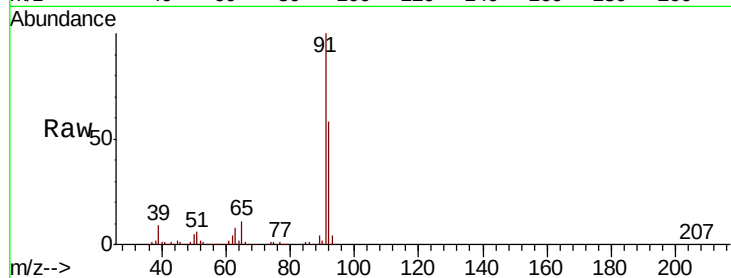
Acq: 07 Feb 2019 09:54

Tgt Ion: 92 Resp: 362203

Ion Ratio Lower Upper

92 100

91 173.2 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 9.919 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029364.D

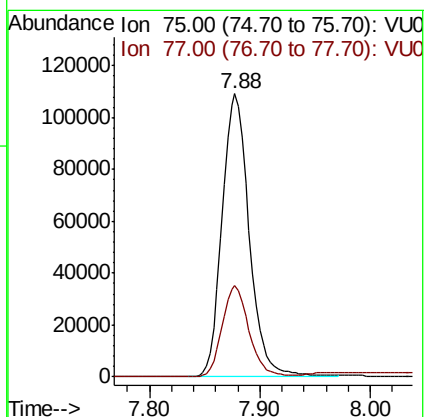
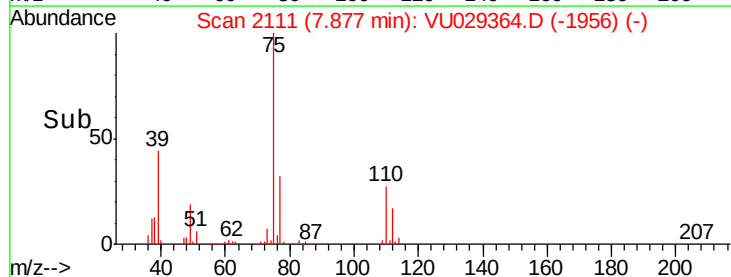
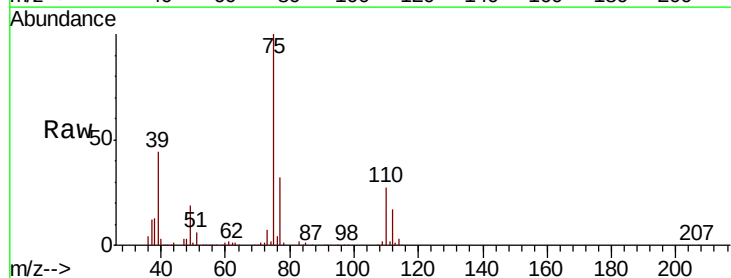
Acq: 07 Feb 2019 09:54

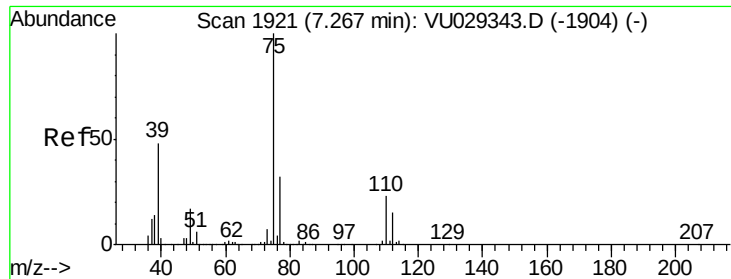
Tgt Ion: 75 Resp: 186877

Ion Ratio Lower Upper

75 100

77 32.1 23.6 35.4





#51

cis-1,3-Dichloropropene

Concen: 10.031 ug/l

RT: 7.27 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

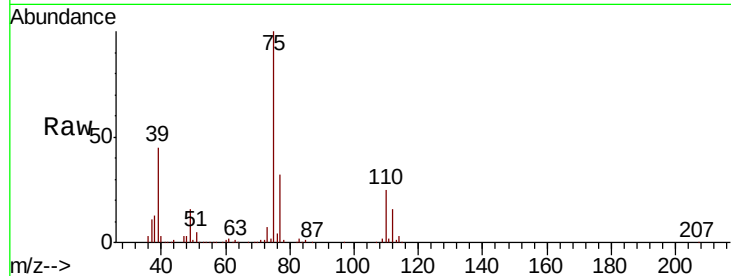
Tgt Ion: 75 Resp: 224490

Ion Ratio Lower Upper

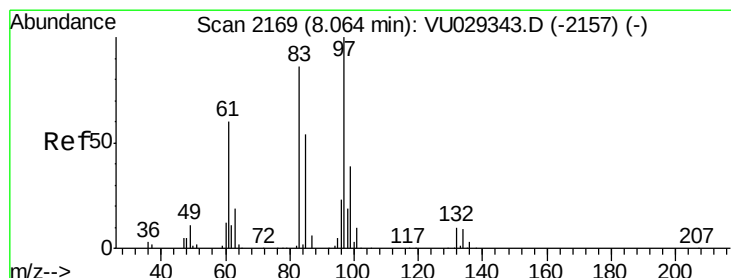
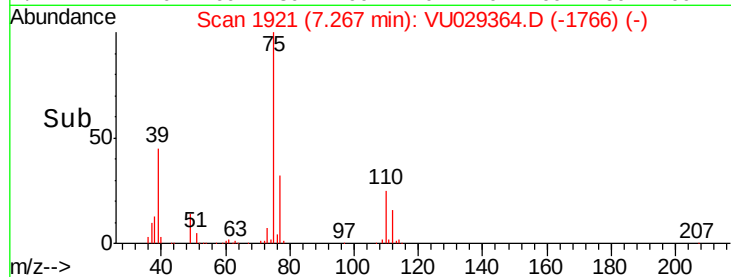
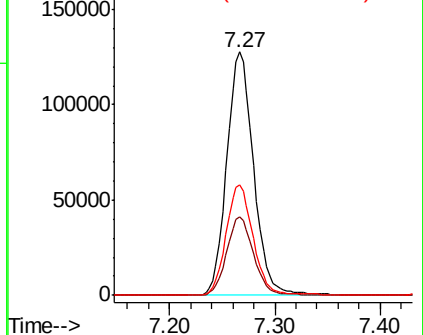
75 100

77 32.1 24.9 37.3

39 44.9 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: 10.339 ug/l

RT: 8.06 min Scan# 2169

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion: 97 Resp: 103249

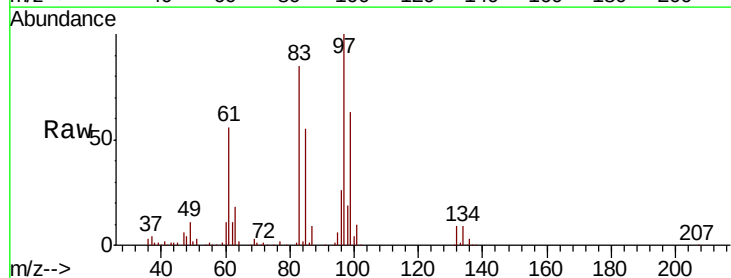
Ion Ratio Lower Upper

97 100

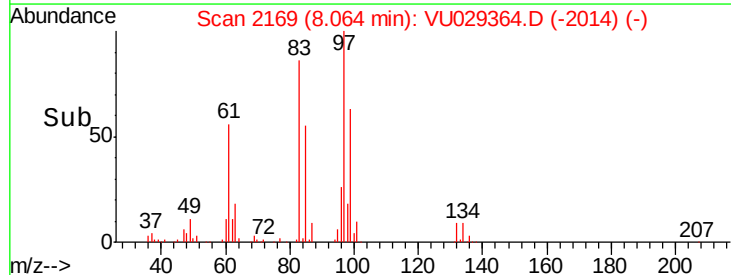
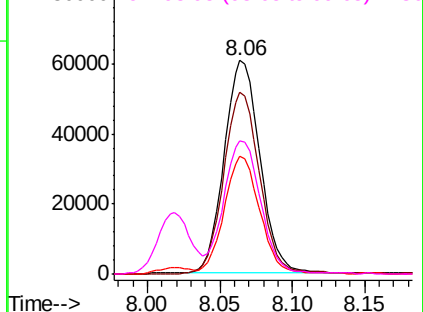
83 85.3 69.9 104.9

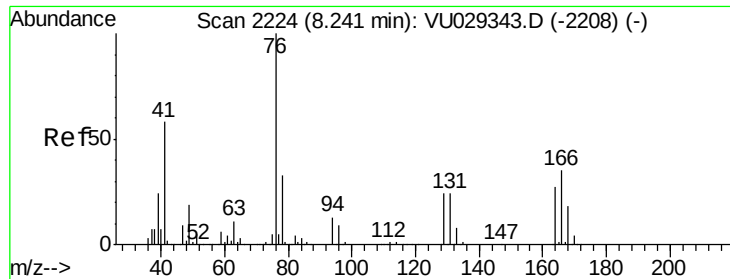
85 55.0 45.8 68.6

99 62.3 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: 10.134 ug/l

RT: 8.24 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VU029364.D

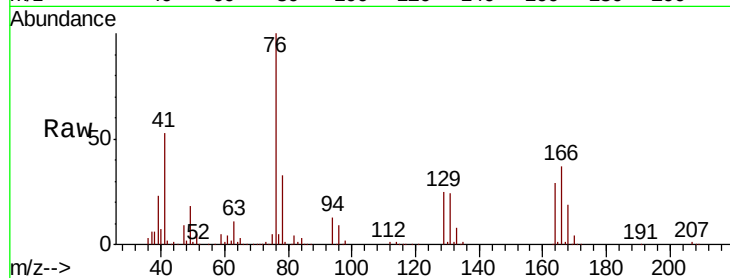
Acq: 07 Feb 2019 09:54

Tgt Ion: 76 Resp: 177769

Ion Ratio Lower Upper

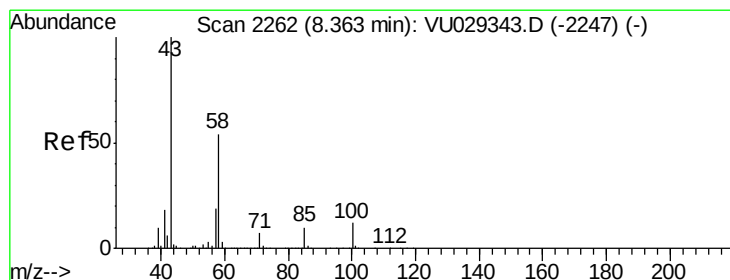
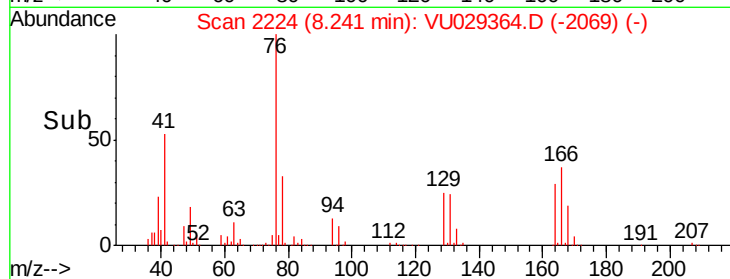
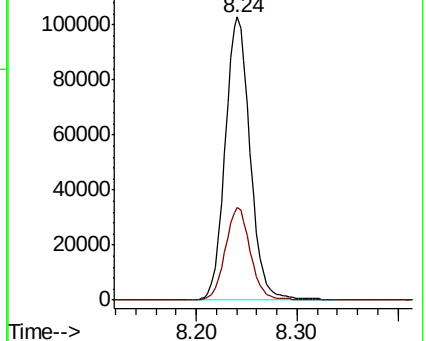
76 100

78 33.0 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: 48.032 ug/l

RT: 8.36 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

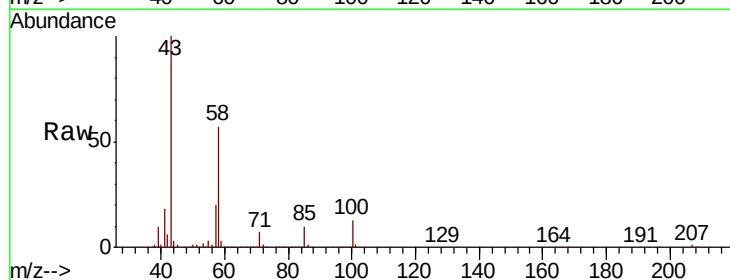
Tgt Ion: 43 Resp: 297696

Ion Ratio Lower Upper

43 100

58 56.8 26.0 66.0

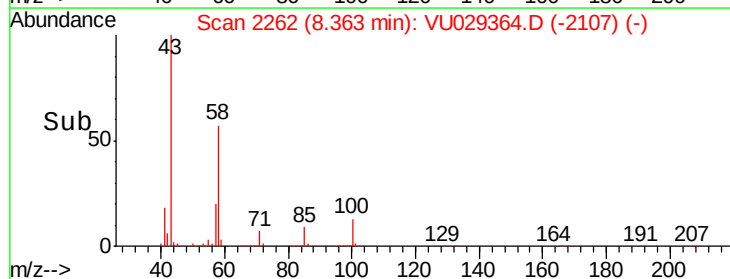
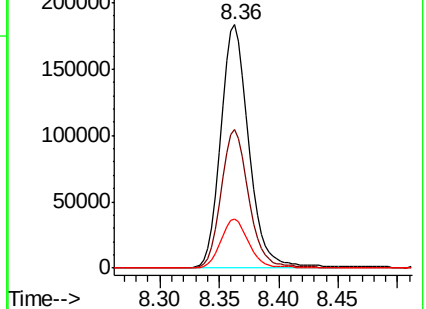
57 20.2 0.0 37.7

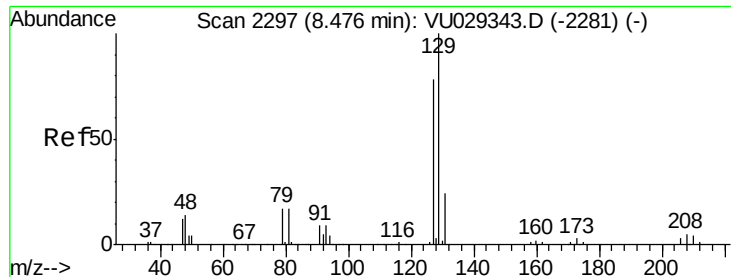


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.620 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. -0.00 min

Lab File: VU029364.D

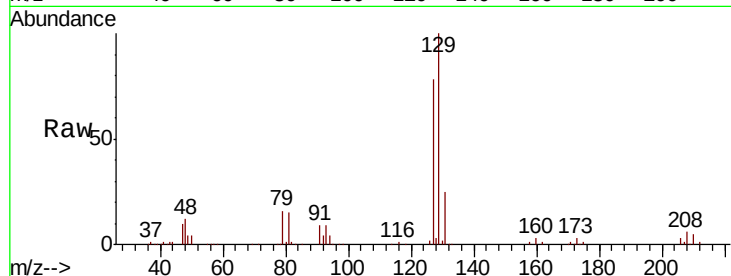
Acq: 07 Feb 2019 09:54

Tgt Ion:129 Resp: 150732

Ion Ratio Lower Upper

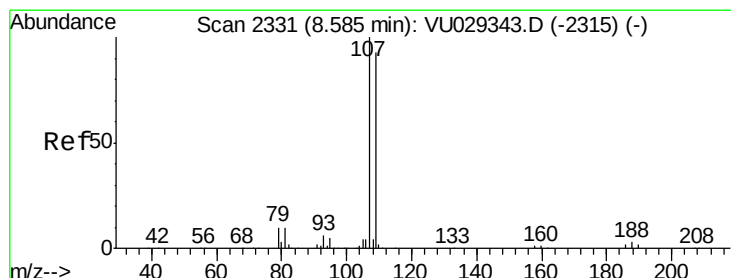
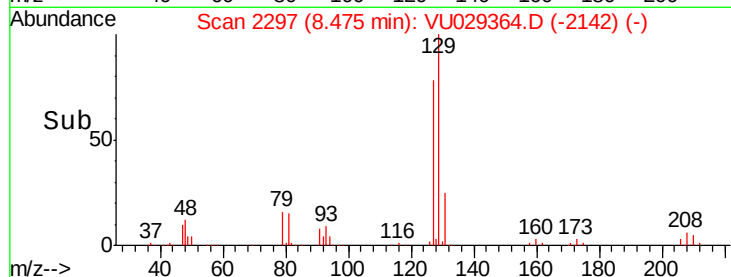
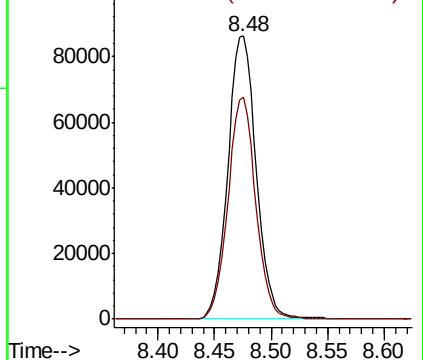
129 100

127 76.5 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.282 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU029364.D

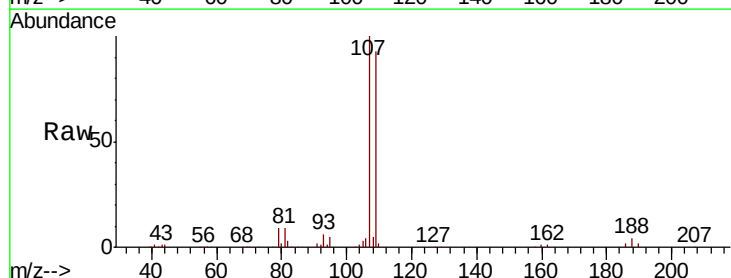
Acq: 07 Feb 2019 09:54

Tgt Ion:107 Resp: 105345

Ion Ratio Lower Upper

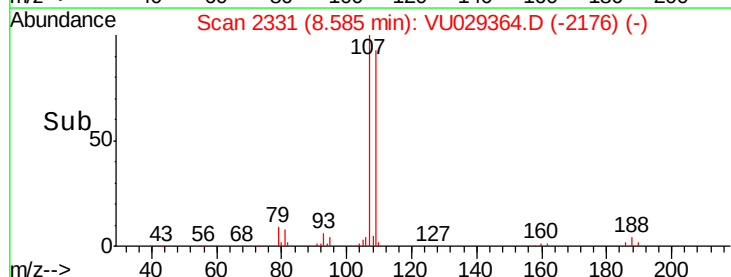
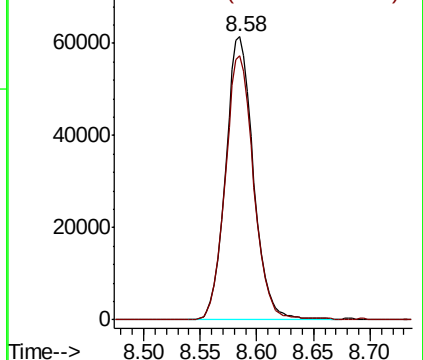
107 100

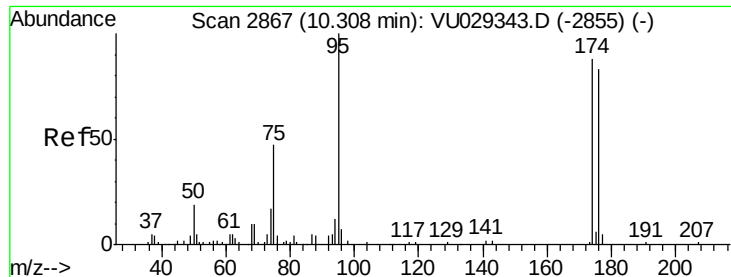
109 94.6 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

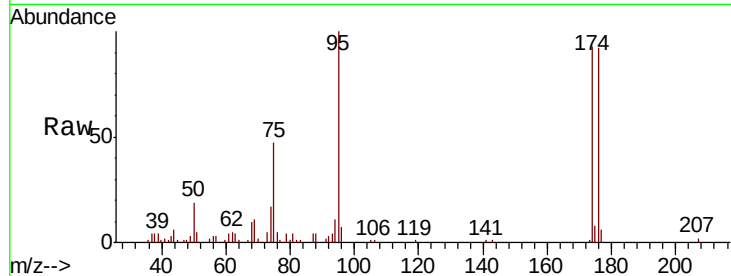
Ion 109.00 (108.70 to 109.70): V



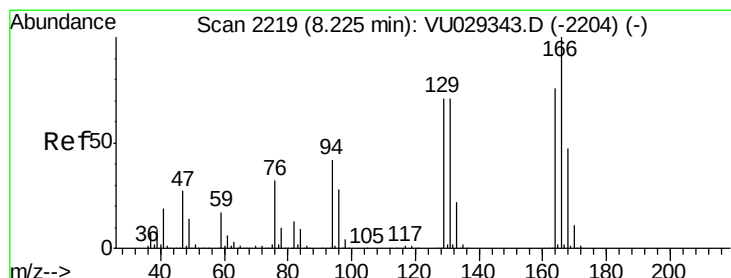
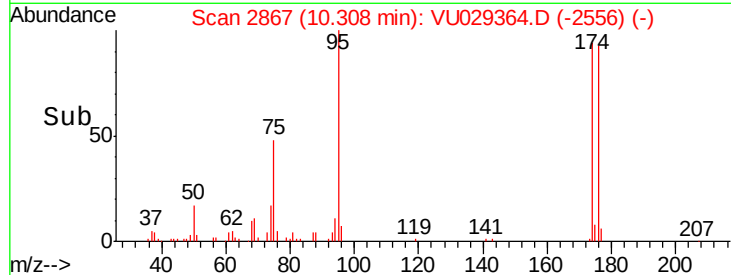
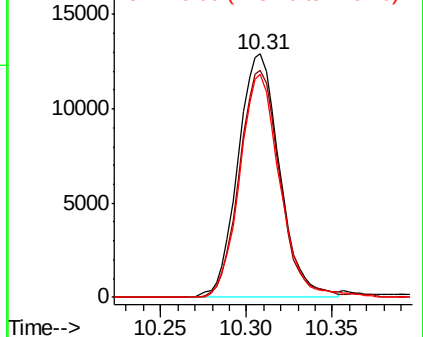


#57
4-Bromofluorobenzene
Concen: 10.282 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion:	95	Resp:	21700
Ion	Ratio	Lower	Upper
95	100		
174	90.7	64.2	96.2
176	88.4	62.3	93.5

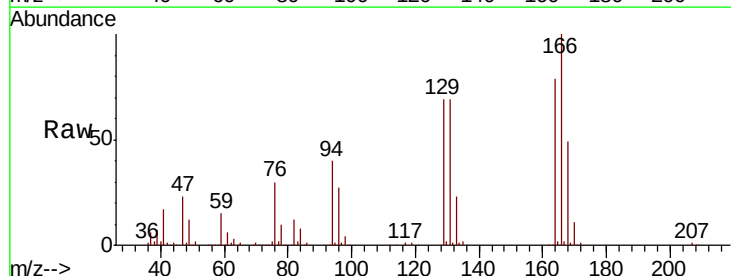


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

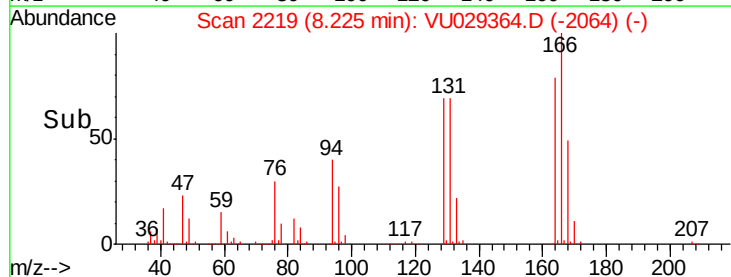
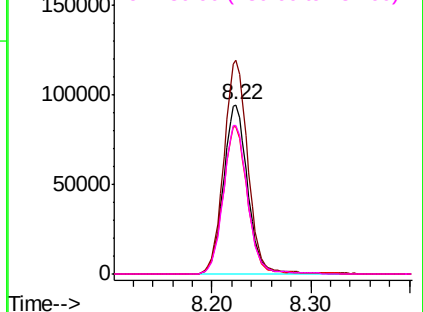


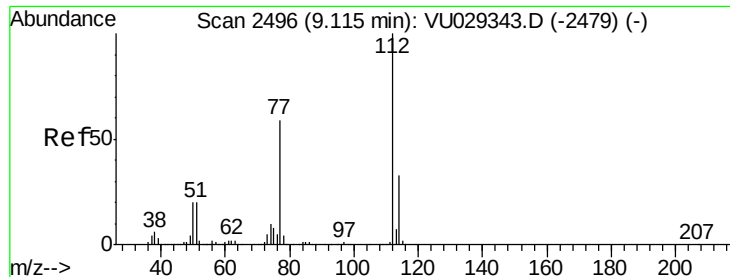
#58
Tetrachloroethene
Concen: 11.166 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion:	164	Resp:	162223
Ion	Ratio	Lower	Upper
164	100		
166	126.1	106.6	159.8
129	87.0	79.9	119.9
131	87.6	75.8	113.8



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 10.661 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029364.D

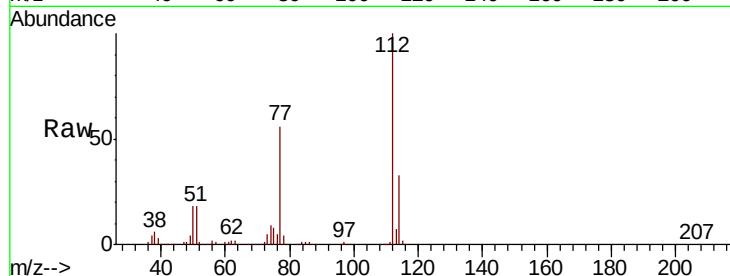
Acq: 07 Feb 2019 09:54

Tgt Ion:112 Resp: 418146

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

250000

200000

150000

100000

50000

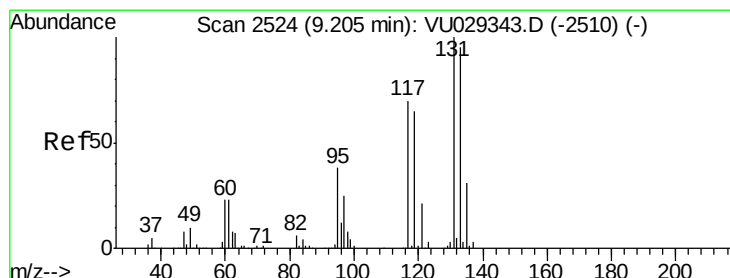
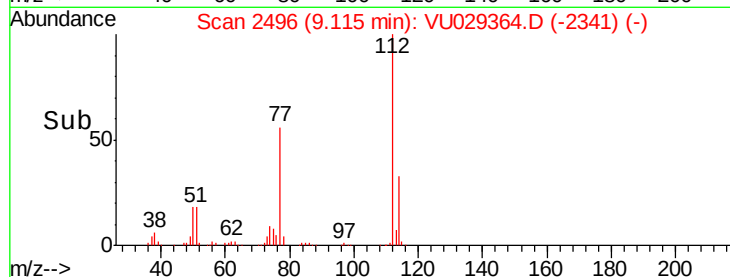
0

9.12

9.10

9.20

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.796 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

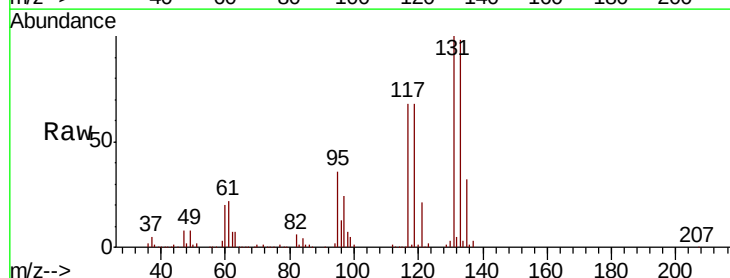
Tgt Ion:131 Resp: 156467

Ion Ratio Lower Upper

131 100

133 97.1 77.3 115.9

119 66.4 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

120000

100000

80000

60000

40000

20000

0

9.21

9.10

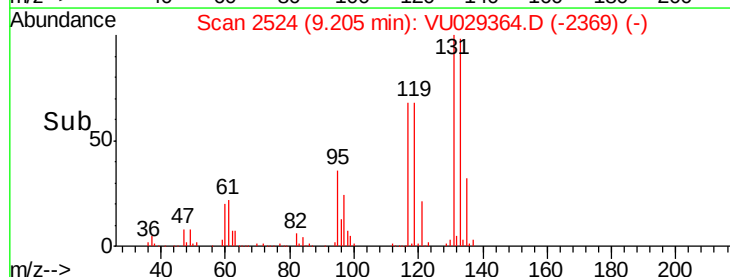
9.15

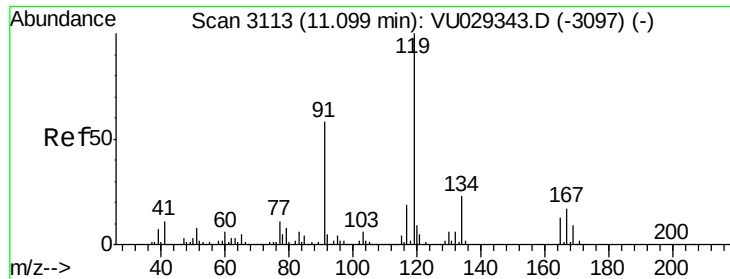
9.20

9.25

9.30

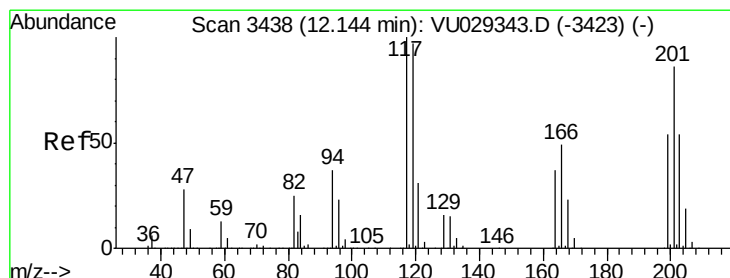
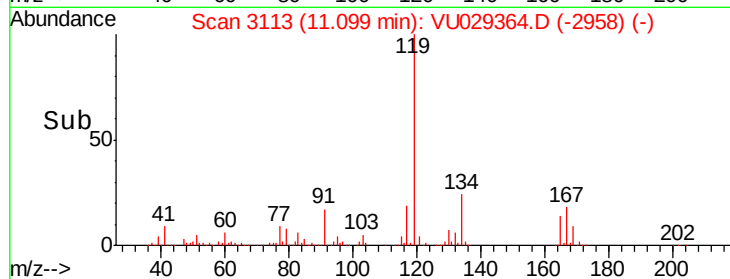
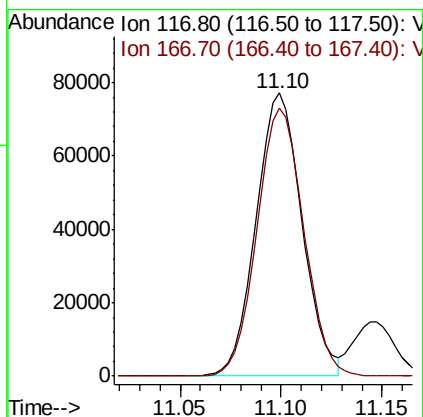
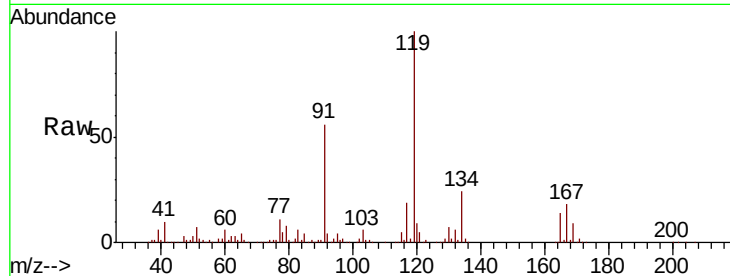
Time-->





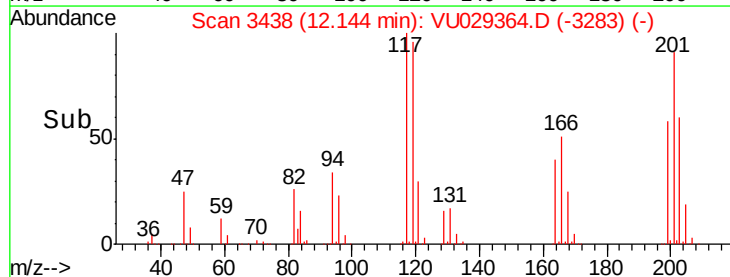
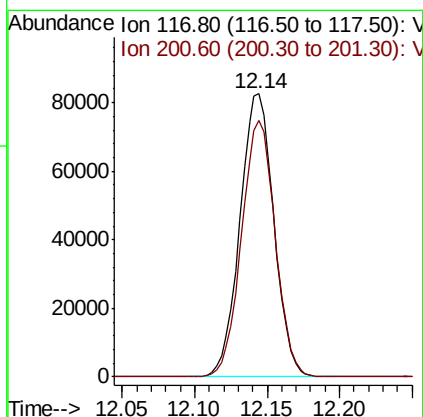
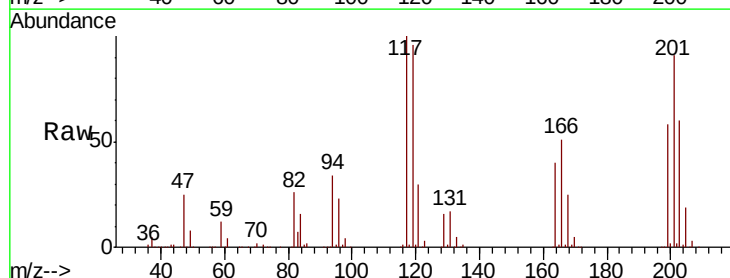
#61
 Pentachloroethane
 Concen: 10.935 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

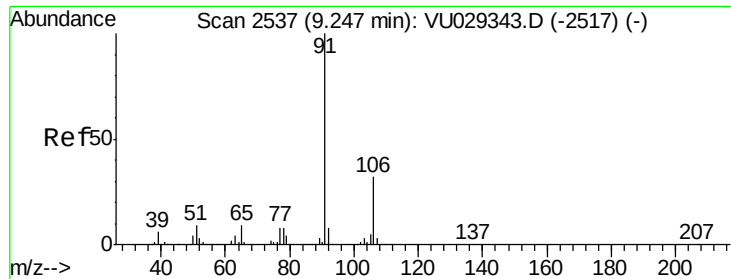
Tgt Ion:117 Resp: 122825
 Ion Ratio Lower Upper
 117 100
 167 96.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 10.944 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:117 Resp: 134167
 Ion Ratio Lower Upper
 117 100
 201 89.9 68.2 102.2





#63

Ethyl Benzene

Concen: 10.333 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029364.D

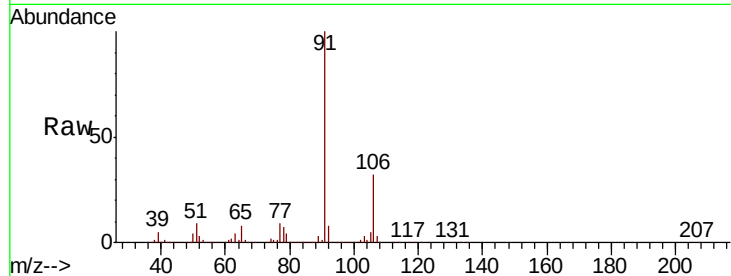
Acq: 07 Feb 2019 09:54

Tgt Ion: 91 Resp: 703839

Ion Ratio Lower Upper

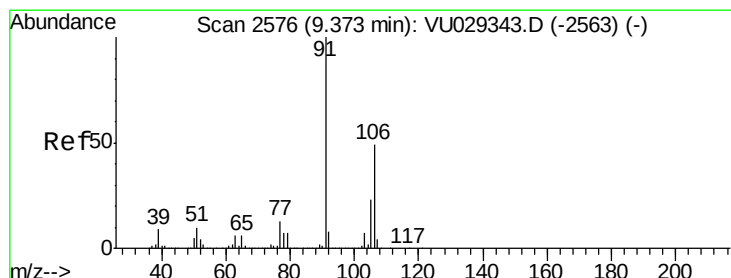
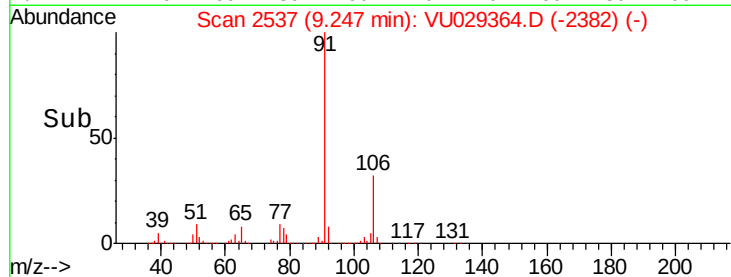
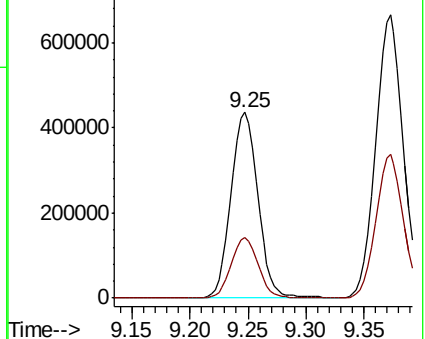
91 100

106 32.4 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 21.292 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU029364.D

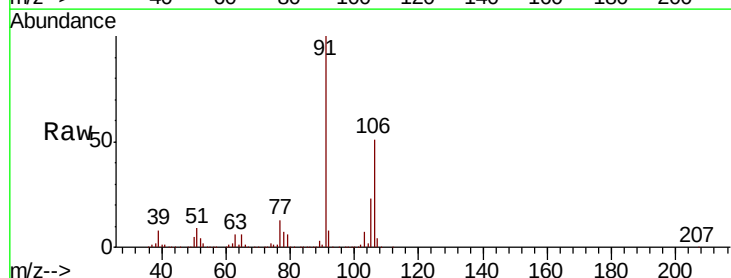
Acq: 07 Feb 2019 09:54

Tgt Ion: 106 Resp: 563628

Ion Ratio Lower Upper

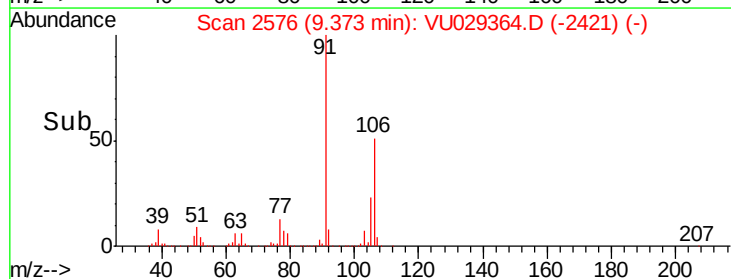
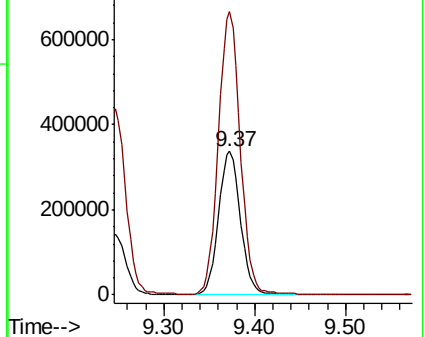
106 100

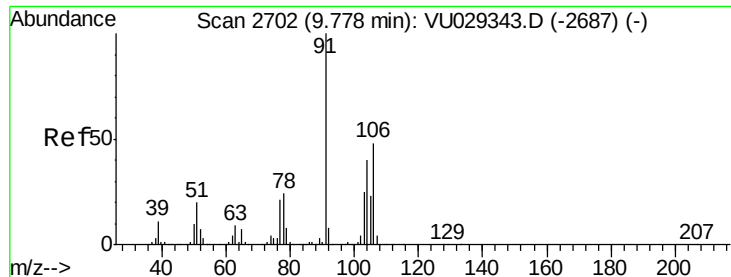
91 196.8 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#65

o-Xylene

Concen: 10.669 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VU029364.D

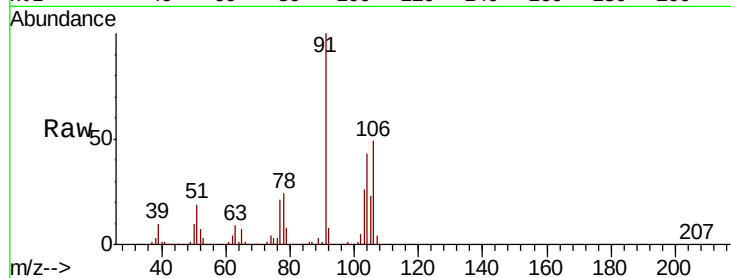
Acq: 07 Feb 2019 09:54

Tgt Ion:106 Resp: 277217

Ion Ratio Lower Upper

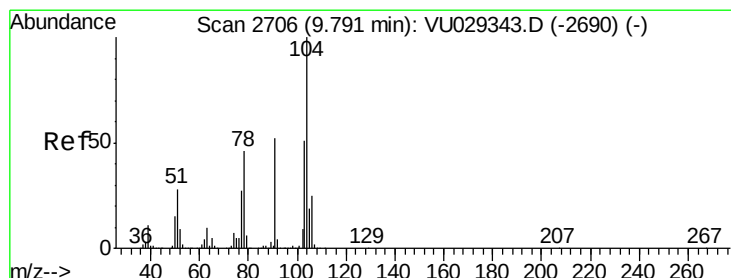
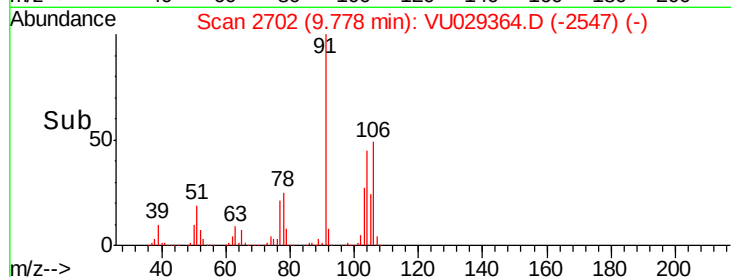
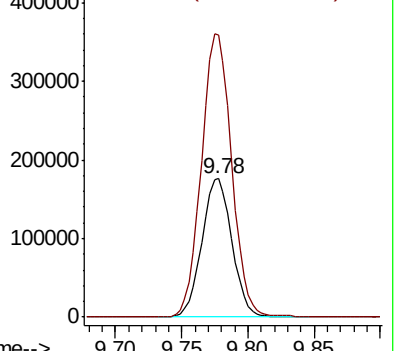
106 100

91 205.7 114.5 343.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.626 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

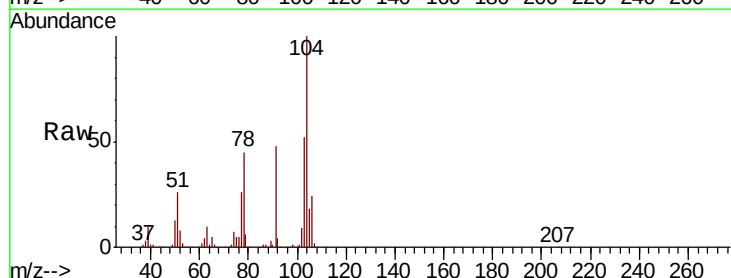
Tgt Ion:104 Resp: 460244

Ion Ratio Lower Upper

104 100

78 49.1 46.5 69.7

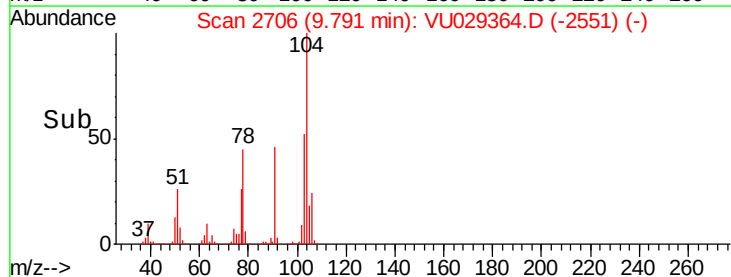
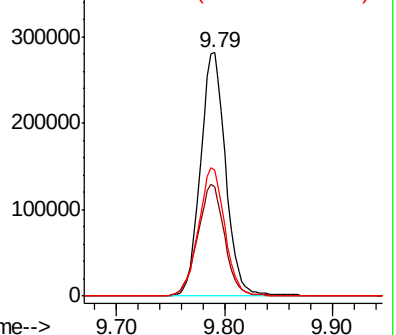
103 55.4 44.7 67.1

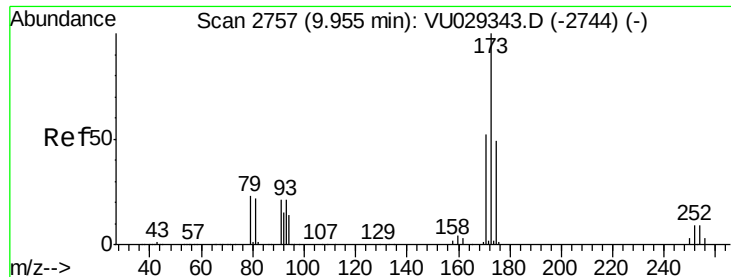


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.108 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

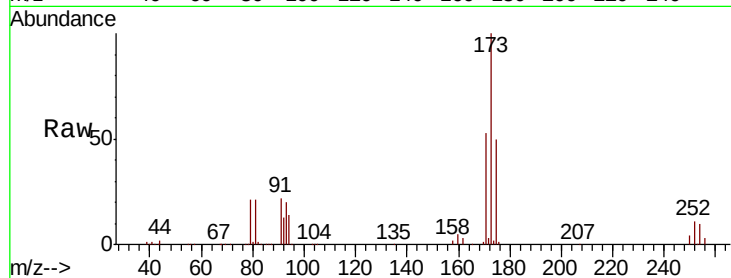
Tgt Ion:173 Resp: 98084

Ion Ratio Lower Upper

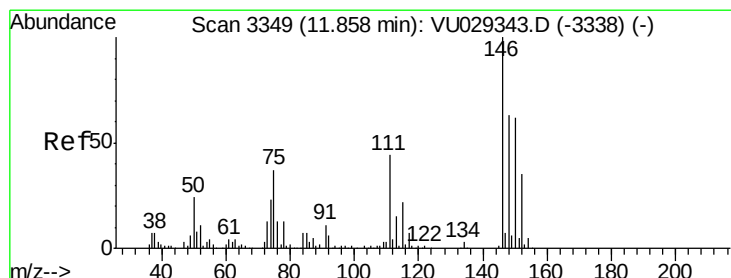
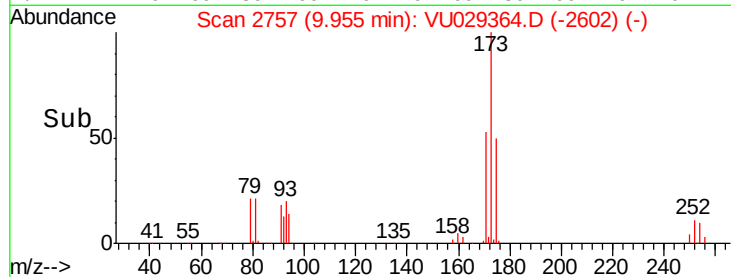
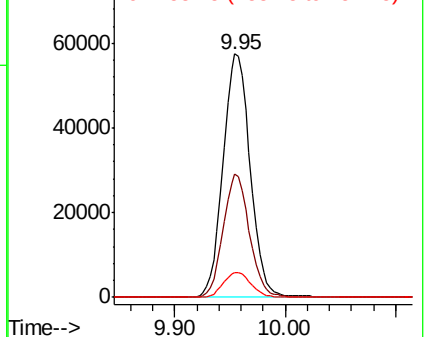
173 100

175 48.7 38.9 58.3

254 10.3 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: 11.108 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

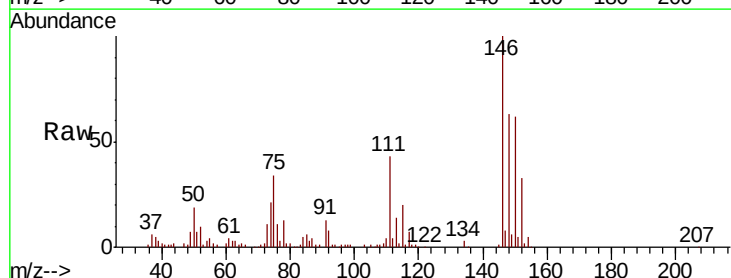
Tgt Ion:152 Resp: 21846

Ion Ratio Lower Upper

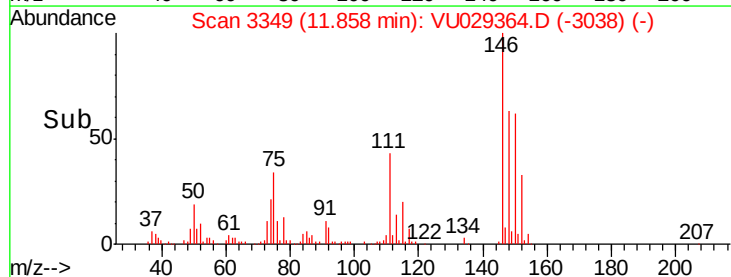
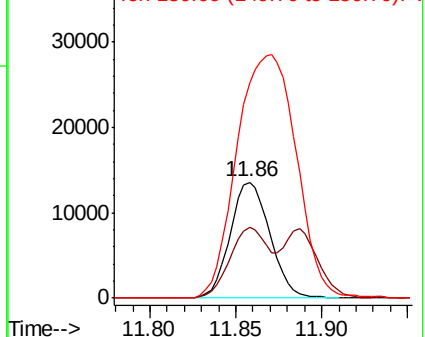
152 100

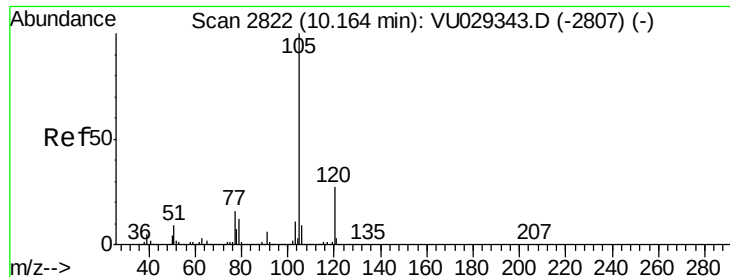
115 62.2 0.0 133.4

150 313.6 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: 10.609 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029364.D

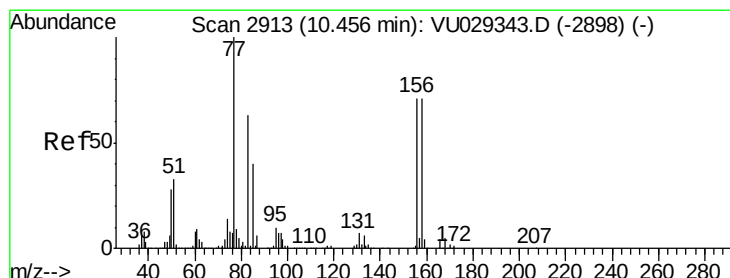
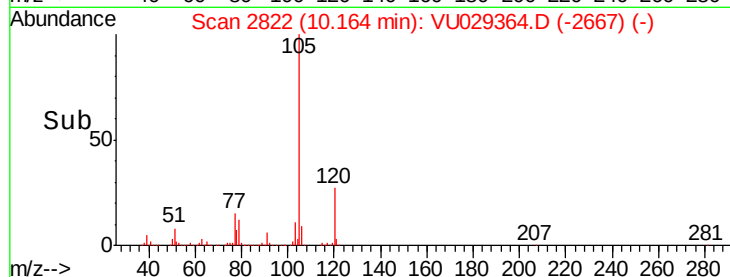
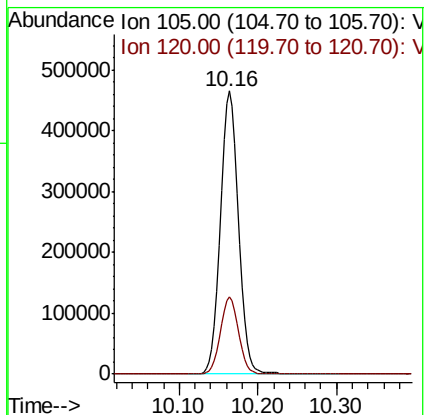
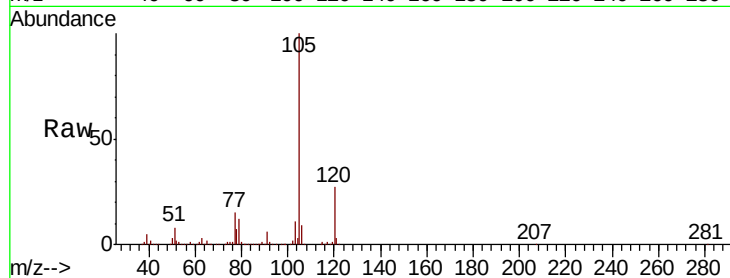
Acq: 07 Feb 2019 09:54

Tgt Ion: 105 Resp: 736442

Ion Ratio Lower Upper

105 100

120 27.3 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 10.196 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

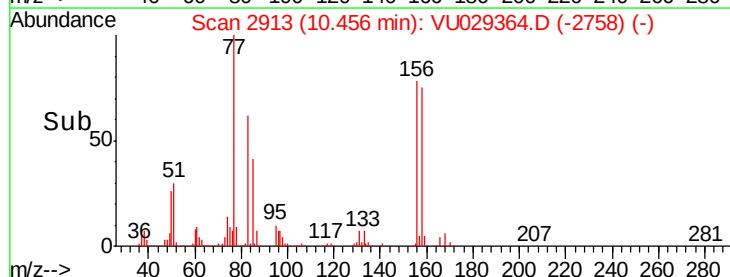
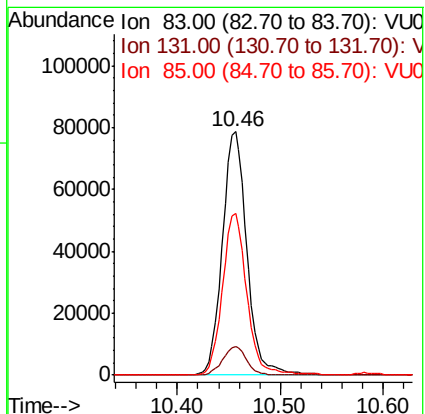
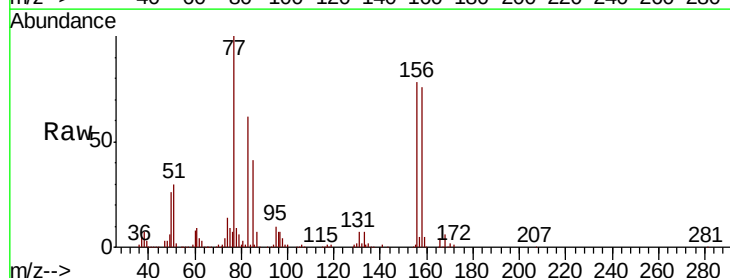
Tgt Ion: 83 Resp: 130497

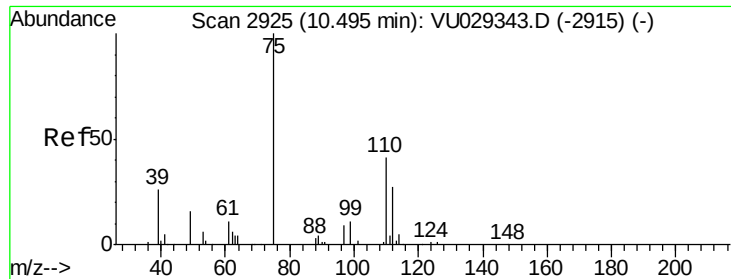
Ion Ratio Lower Upper

83 100

131 11.5 8.1 12.1

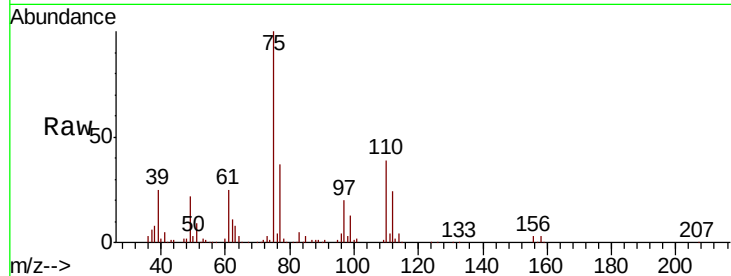
85 66.0 50.3 75.5



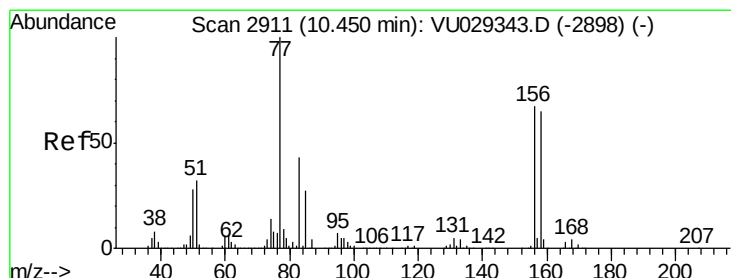
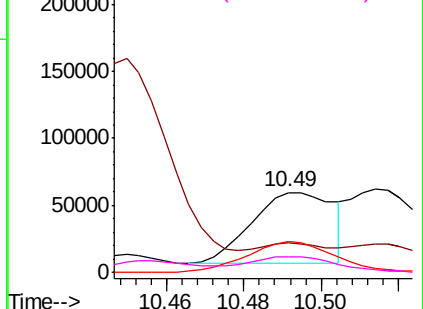
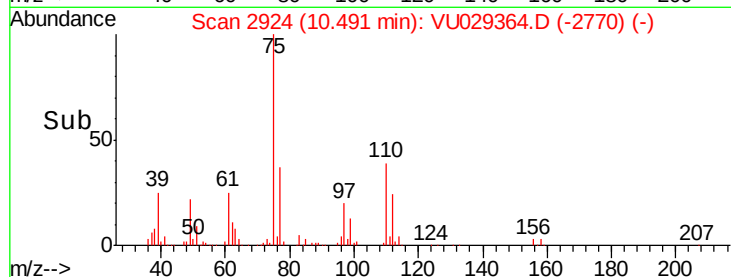


#71
 1,2,3-Trichloropropane
 Concen: 8.862 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:	75	Resp:	77888
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	46.6	0.0	63.6
97	24.4	0.0	31.4

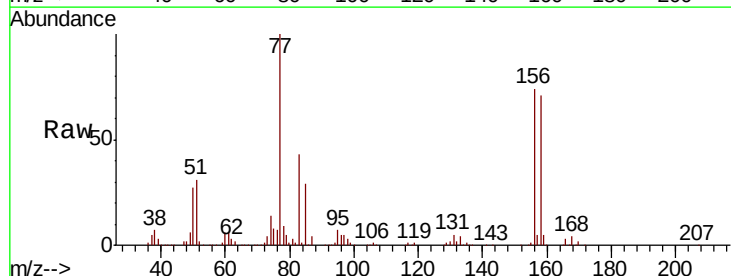


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

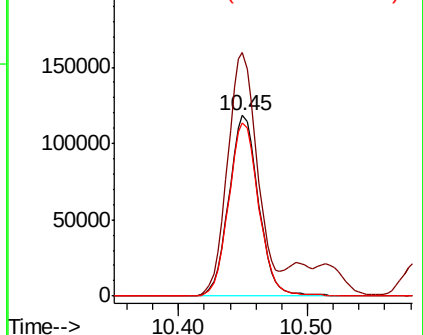
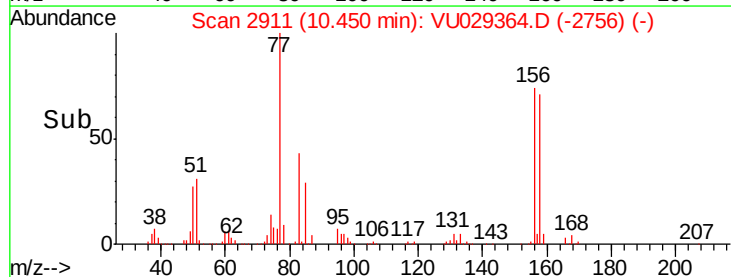


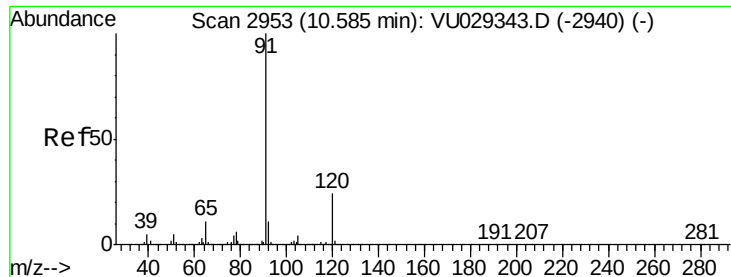
#72
 Bromobenzene
 Concen: 11.256 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:	156	Resp:	189392
Ion	Ratio	Lower	Upper
156	100		
77	135.9	0.0	343.8
158	97.5	0.0	195.0



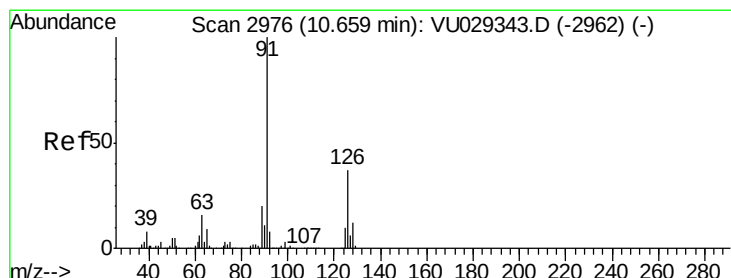
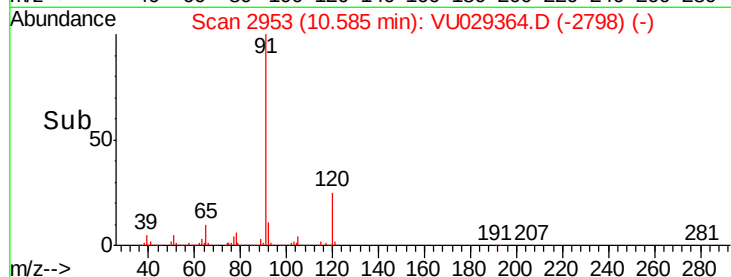
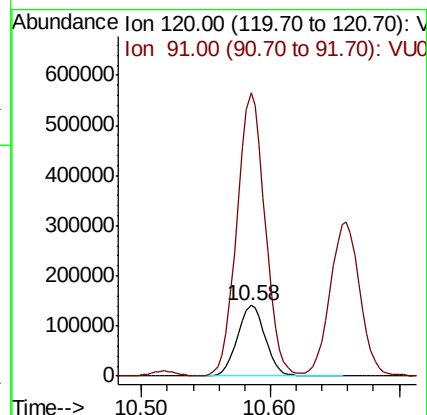
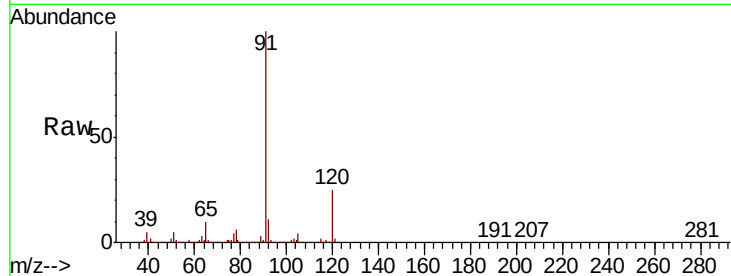
Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





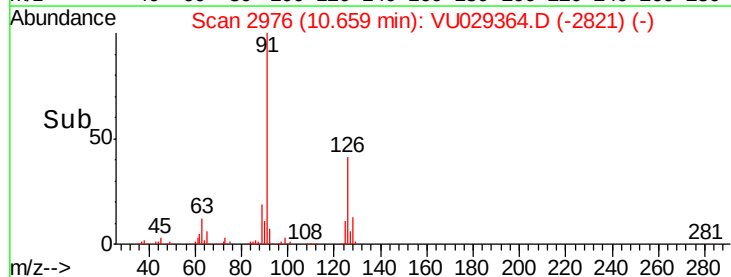
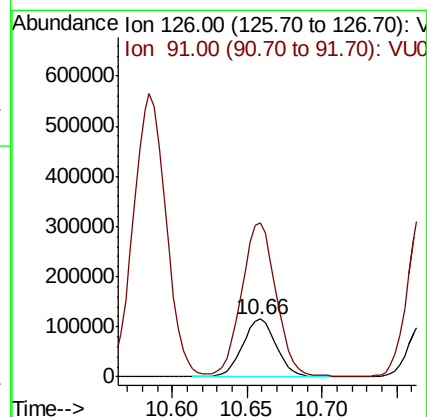
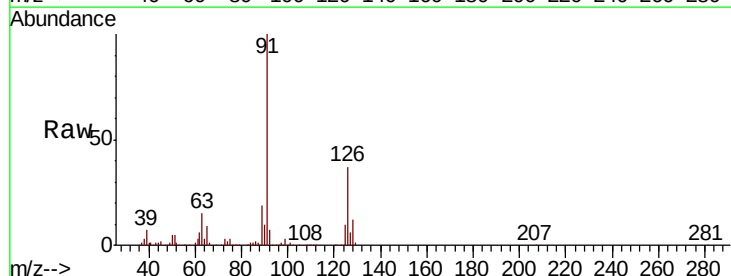
#73
n-propylbenzene
Concen: 11.046 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

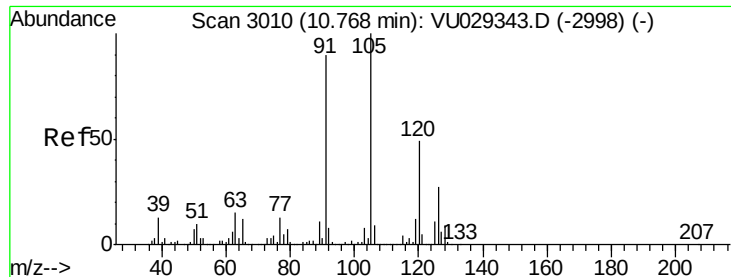
Tgt Ion:120 Resp: 213579
Ion Ratio Lower Upper
120 100
91 399.1 370.0 555.0



#74
2-Chlorotoluene
Concen: 11.018 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion:126 Resp: 181410
Ion Ratio Lower Upper
126 100
91 268.6 0.0 643.0

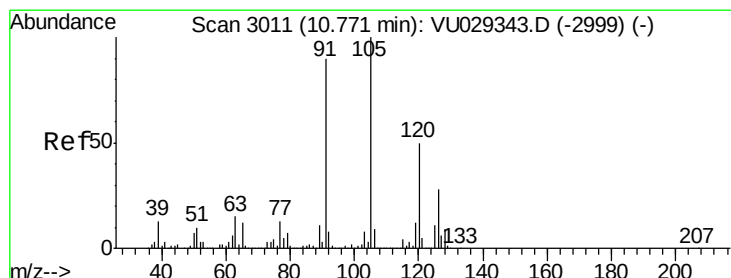
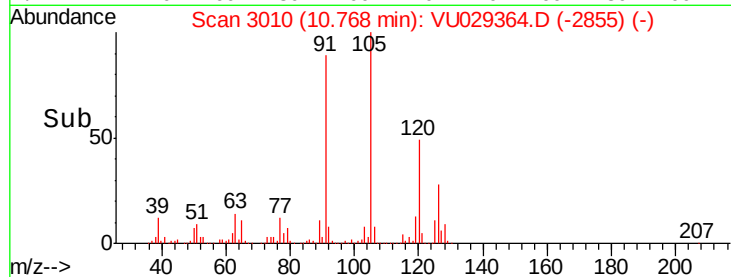
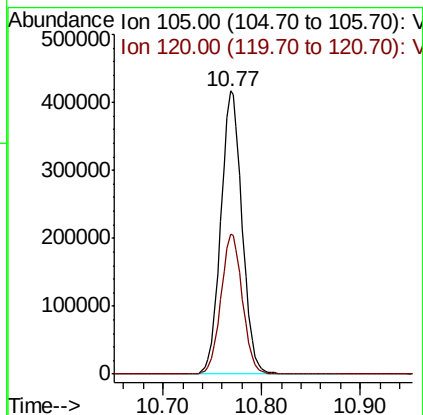
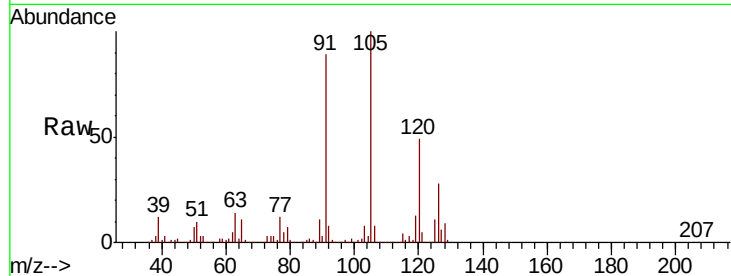




#75

1,3,5-Trimethylbenzene
Concen: 10.554 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

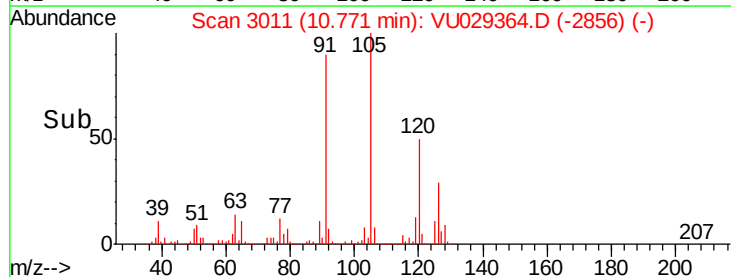
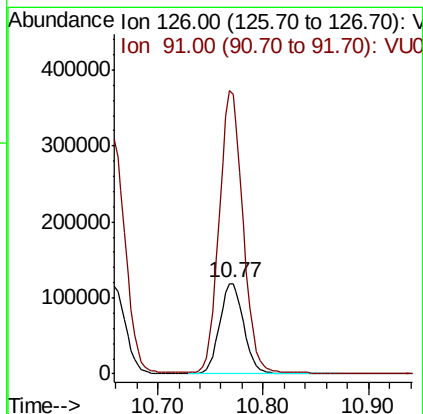
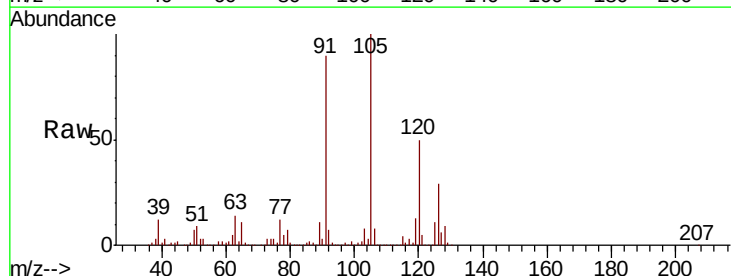
Tgt Ion:105 Resp: 631640
Ion Ratio Lower Upper
105 100
120 50.1 37.3 55.9

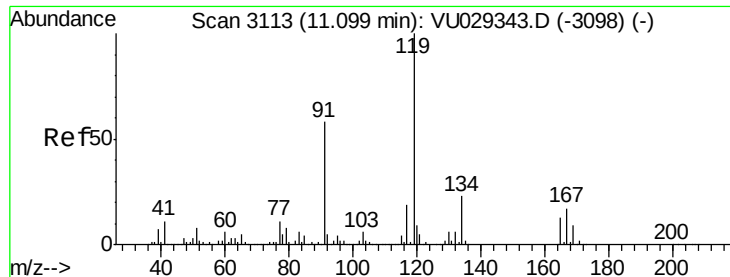


#76

4-Chlorotoluene
Concen: 11.021 ug/l
RT: 10.77 min Scan# 3011
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

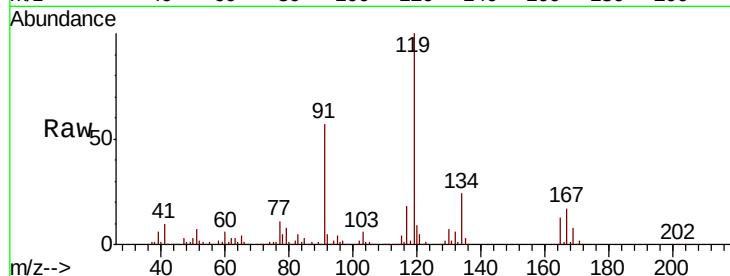
Tgt Ion:126 Resp: 188316
Ion Ratio Lower Upper
126 100
91 308.9 0.0 727.4



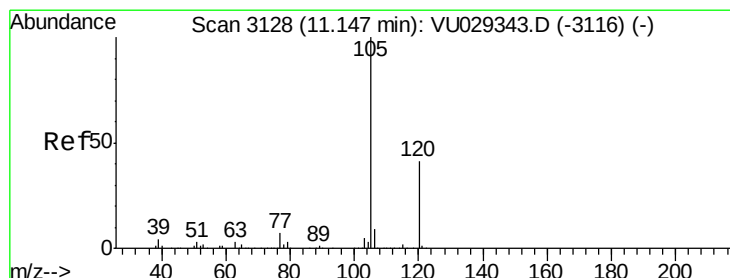
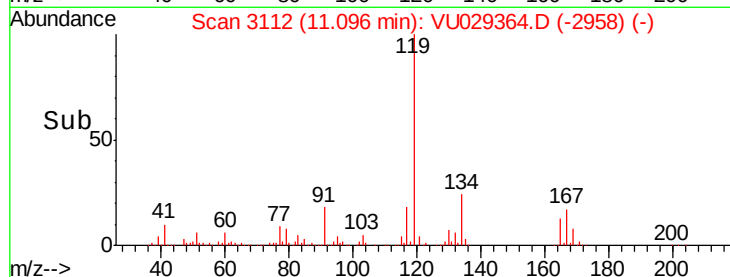
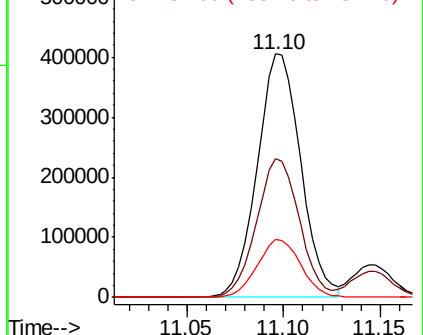


#77
 tert-Butylbenzene
 Concen: 10.763 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	32.2	96.6
134	23.8	17.6	26.4

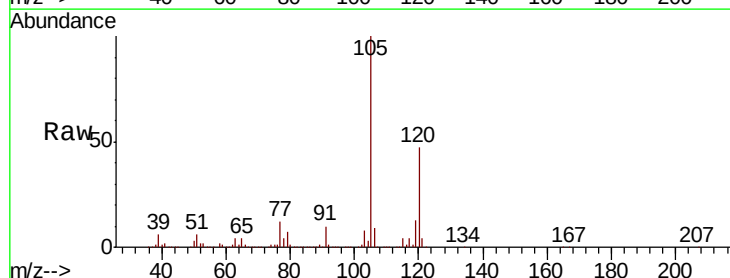


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

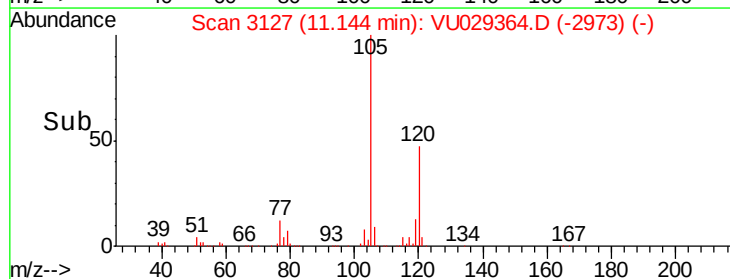
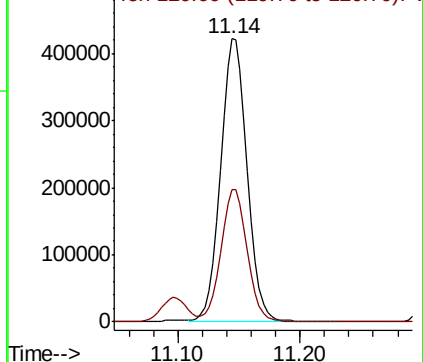


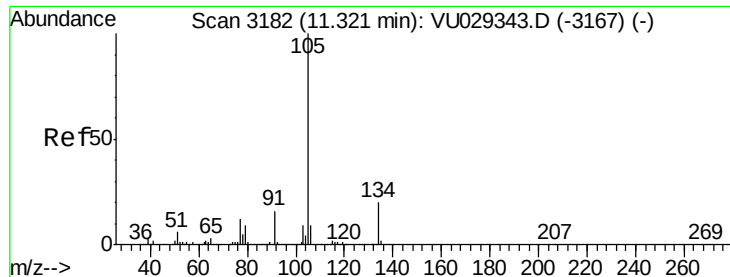
#78
 1,2,4-Trimethylbenzene
 Concen: 10.625 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	21.4	64.3



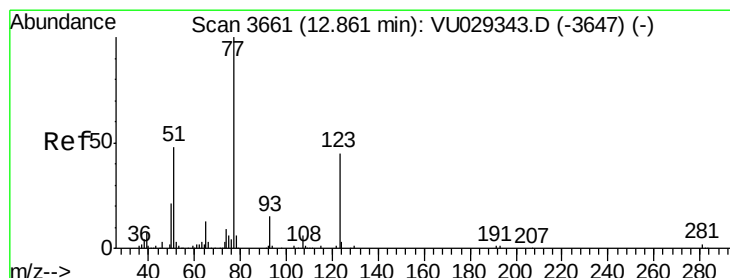
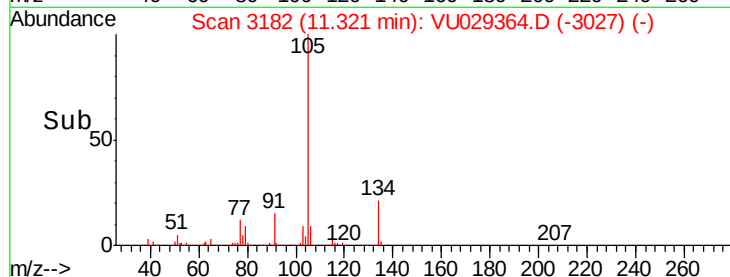
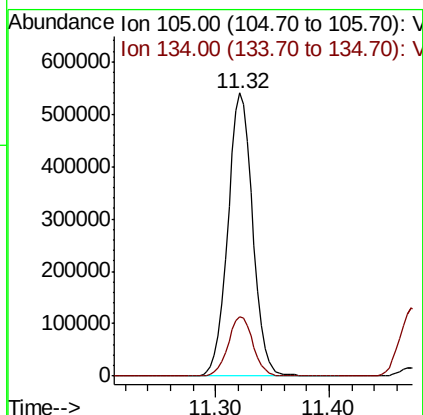
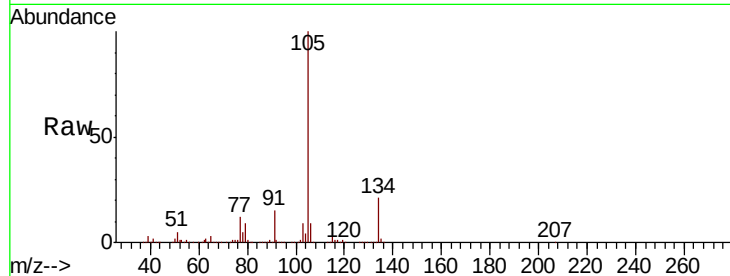
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





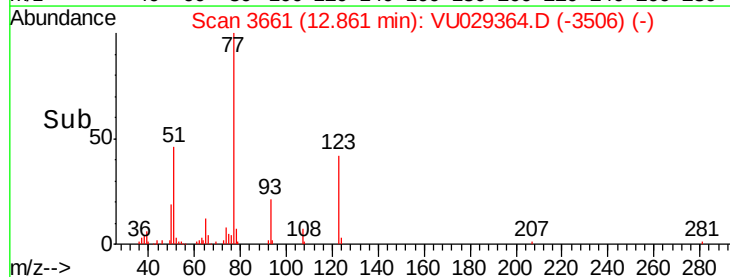
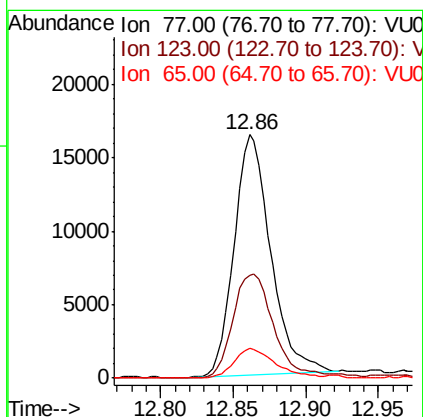
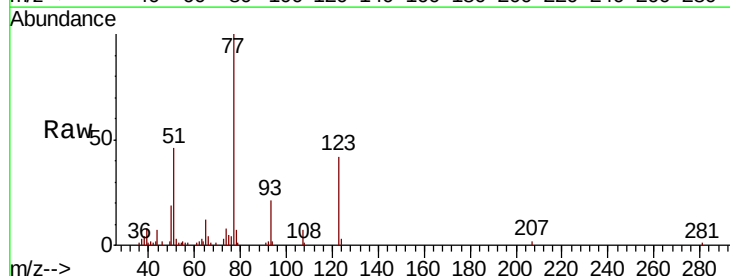
#79
 sec-Butylbenzene
 Concen: 10.596 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

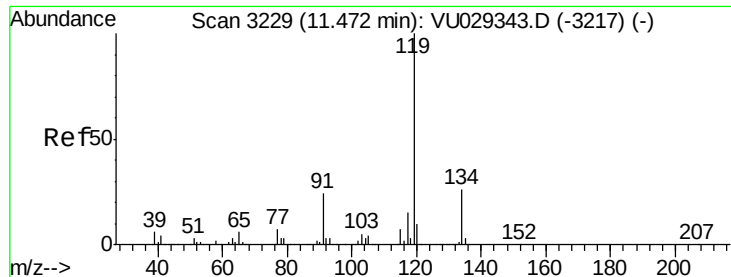
Tgt Ion: 105 Resp: 820154
 Ion Ratio Lower Upper
 105 100
 134 21.2 15.0 22.6



#80
 Nitrobenzene
 Concen: 50.406 ug/l
 RT: 12.86 min Scan# 3661
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

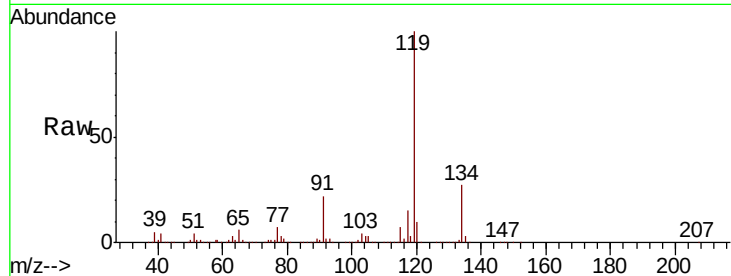
Tgt Ion: 77 Resp: 28743
 Ion Ratio Lower Upper
 77 100
 123 45.7 17.5 61.9
 65 12.9 10.8 13.8



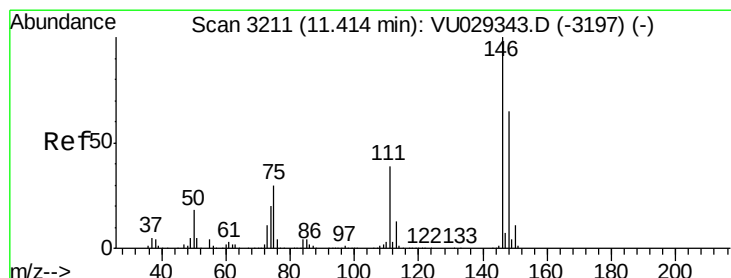
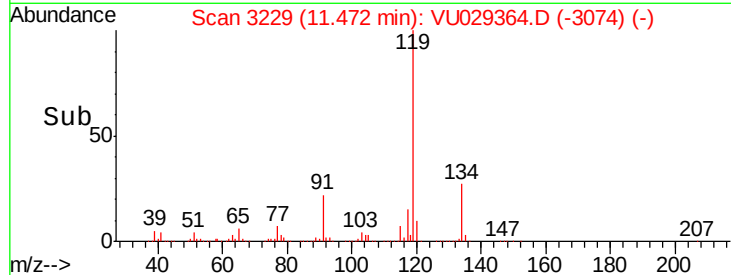
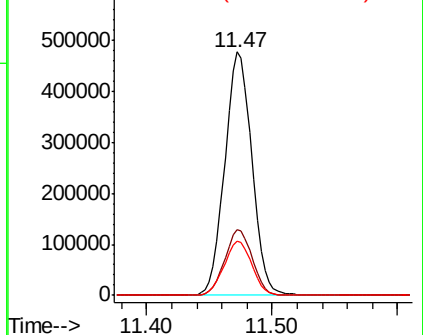


#81
 p-Isopropyltoluene
 Concen: 10.871 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:119 Resp: 713282
 Ion Ratio Lower Upper
 119 100
 134 27.3 19.8 29.6
 91 22.7 21.5 32.3

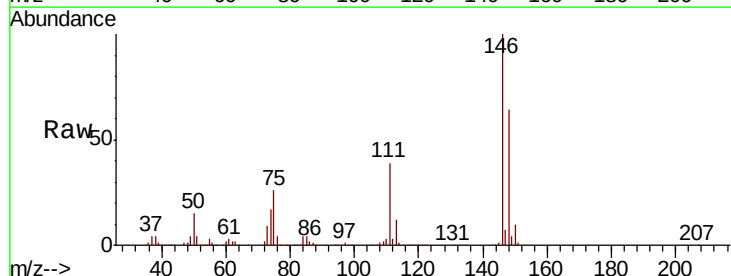


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

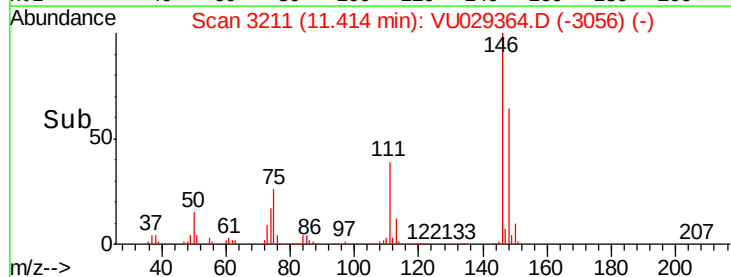
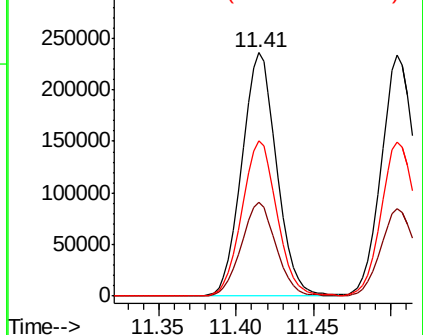


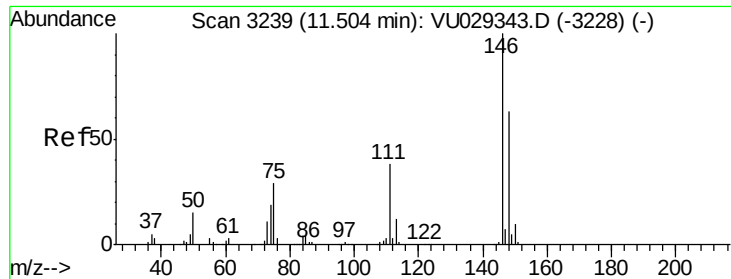
#82
 1,3-Dichlorobenzene
 Concen: 11.203 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:146 Resp: 369847
 Ion Ratio Lower Upper
 146 100
 111 38.4 34.1 51.1
 148 64.2 52.3 78.5



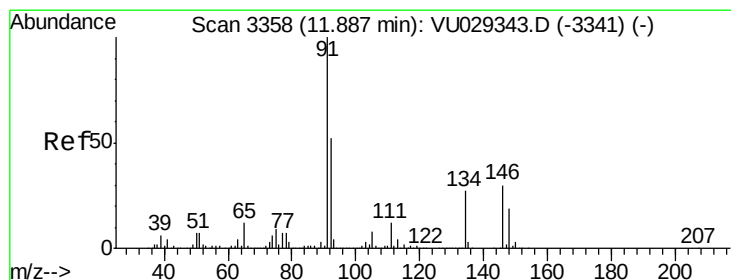
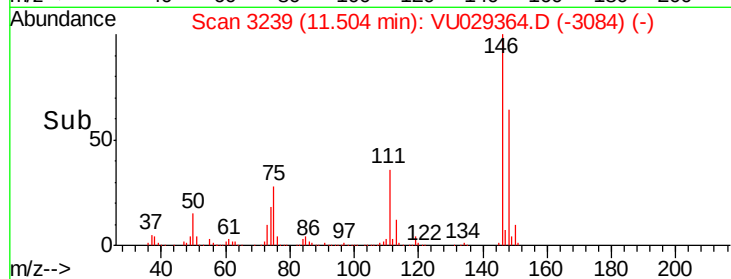
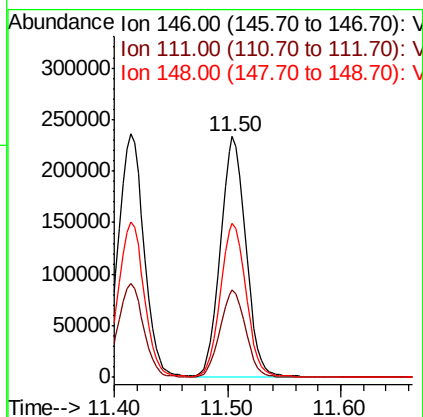
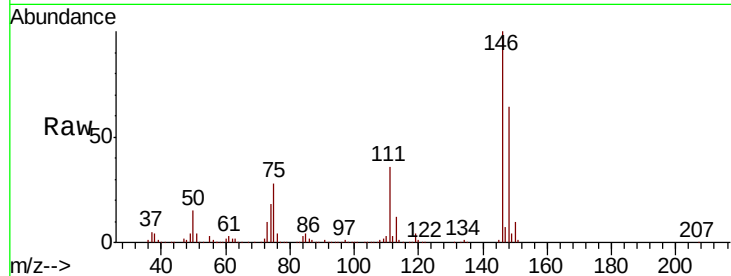
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





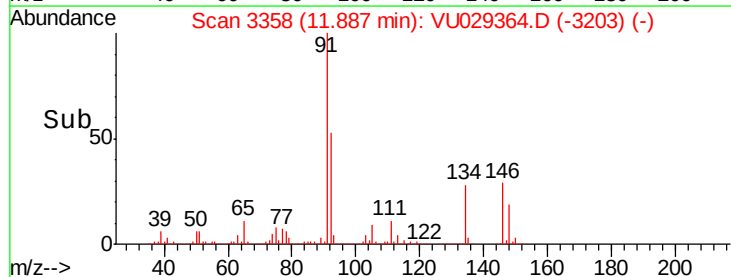
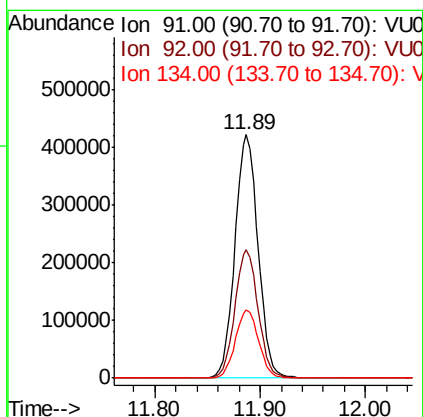
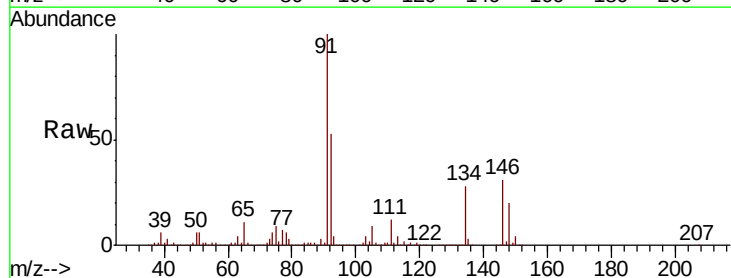
#83
 1,4-Dichlorobenzene
 Concen: 11.126 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

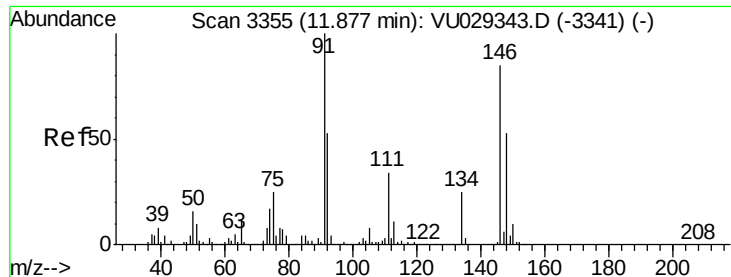
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	32.9	49.3
148	64.5	51.8	77.6



#84
 n-Butylbenzene
 Concen: 10.604 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

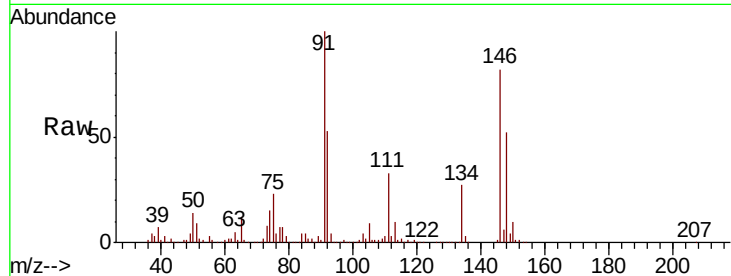
Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	41.0	61.6
134	28.2	19.1	28.7



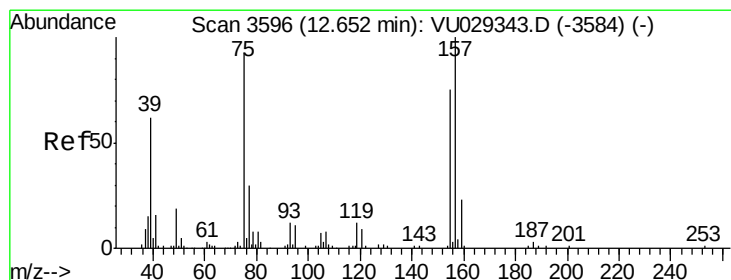
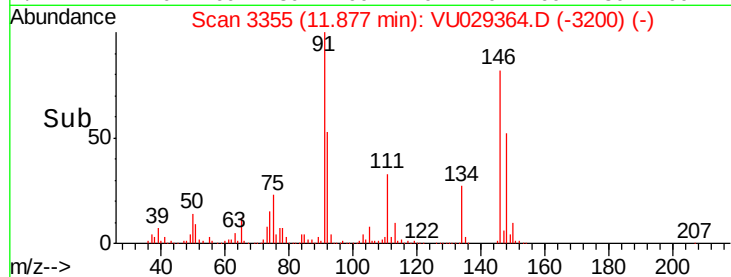
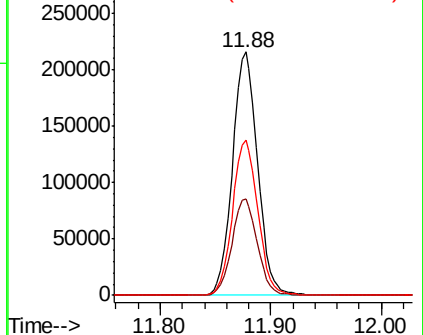


#85
 1,2-Dichlorobenzene
 Concen: 10.927 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.9	65.8
148	64.3	31.8	95.3

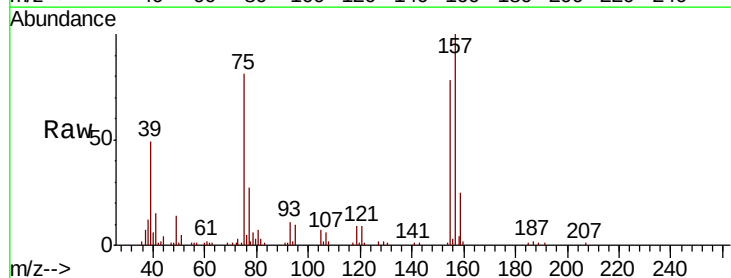


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

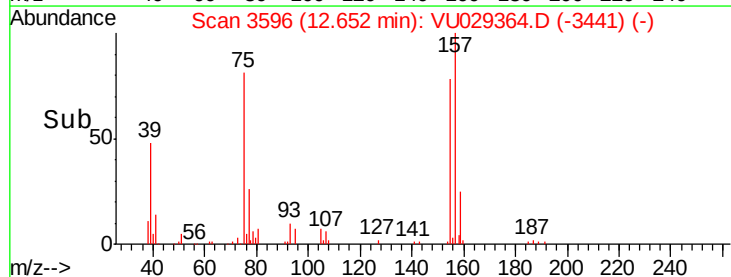
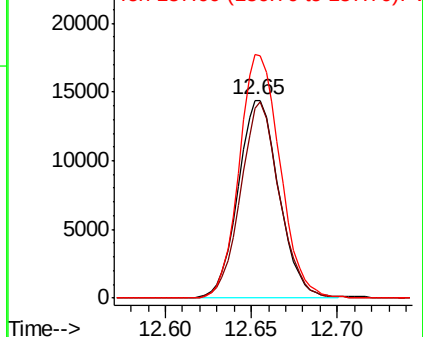


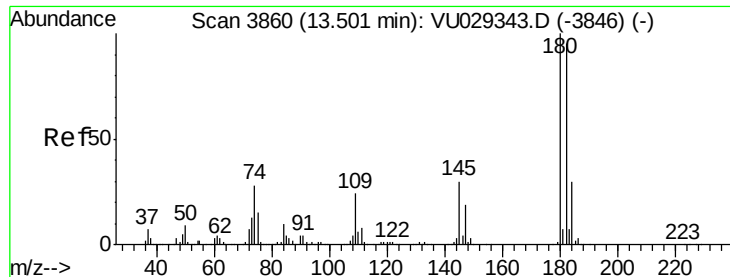
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.959 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	53.8	80.8#
157	122.9	69.2	103.8#



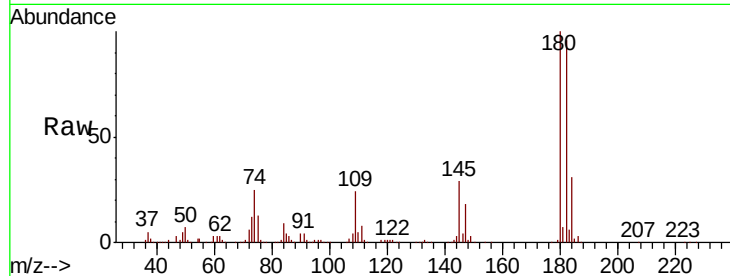
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



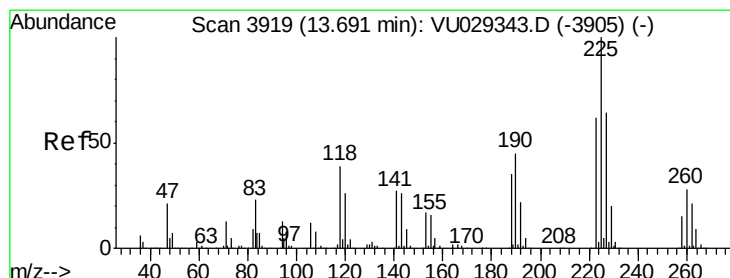
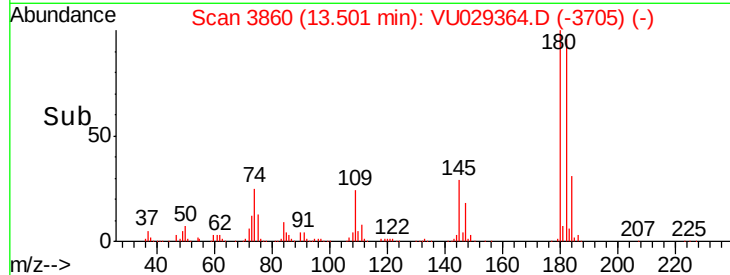
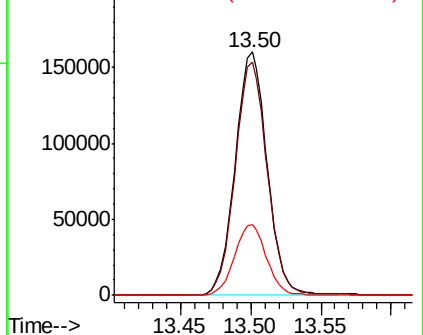


#87
 1,2,4-Trichlorobenzene
 Concen: 11.630 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:180 Resp: 254976
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.6 114.8
 145 29.2 24.6 36.8

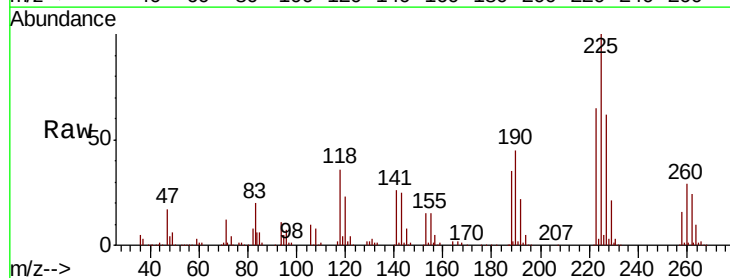


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

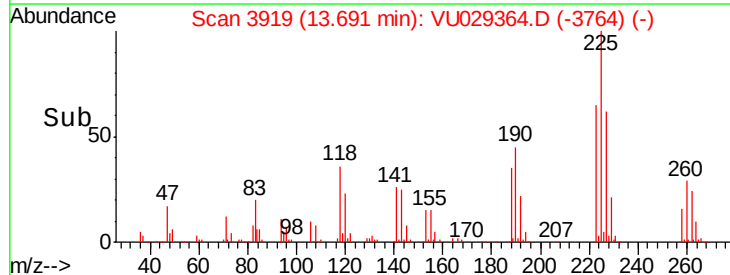
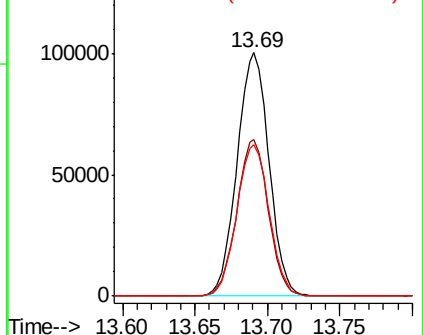


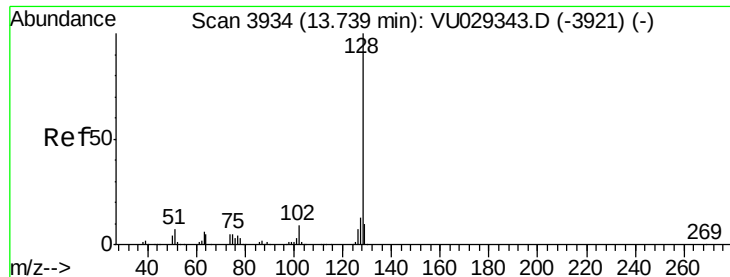
#88
 Hexachlorobutadiene
 Concen: 12.093 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

Tgt Ion:225 Resp: 153548
 Ion Ratio Lower Upper
 225 100
 223 63.4 49.5 74.3
 227 63.3 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: 11.233 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

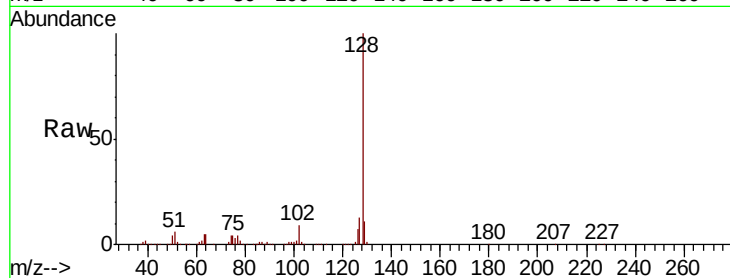
Tgt Ion:128 Resp: 417664

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

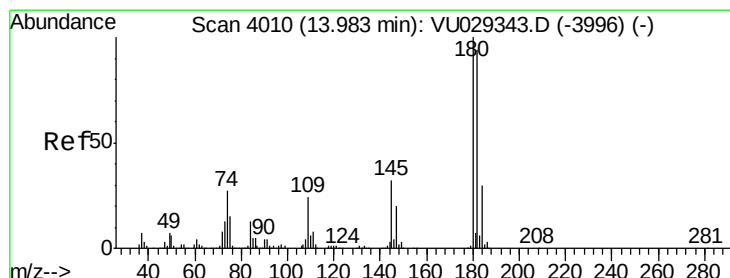
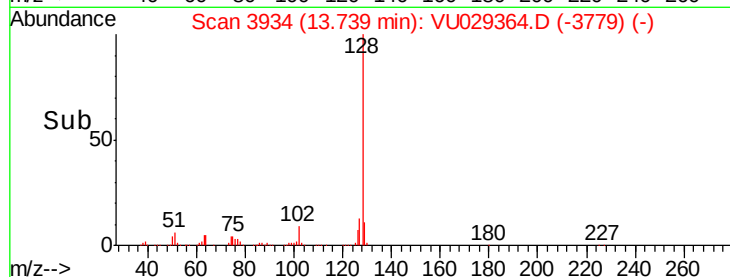
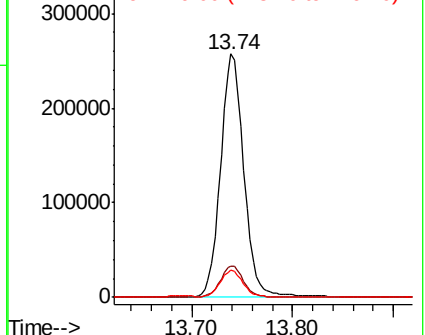
129 10.9 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.455 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

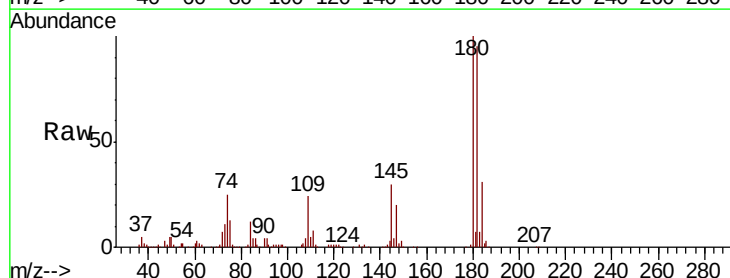
Tgt Ion:180 Resp: 229507

Ion Ratio Lower Upper

180 100

182 94.4 78.0 117.0

145 30.1 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

