

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 12:57:45 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						
					Ovalue	
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	210157m	9.014	ug/l	
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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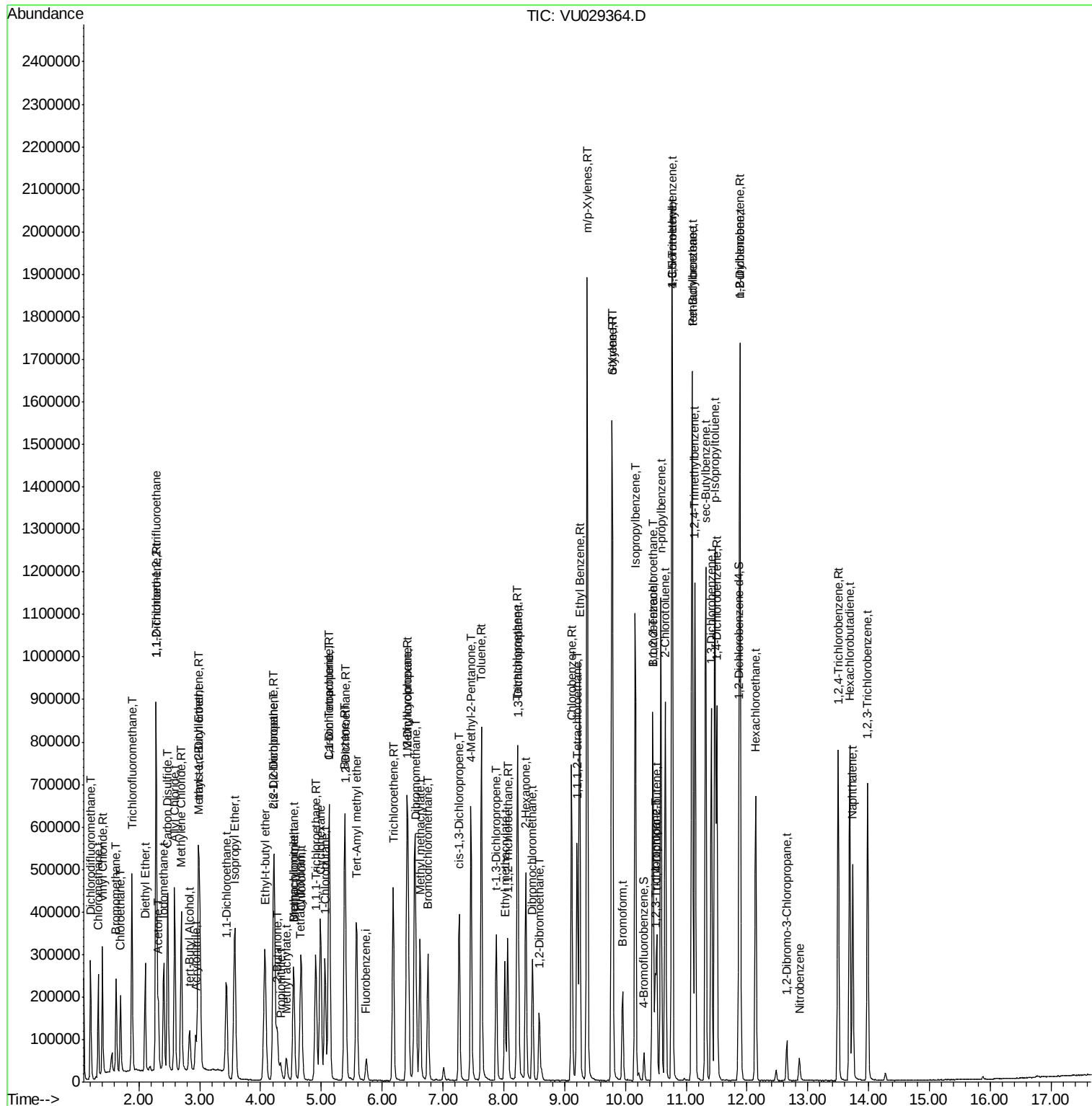
Quant Time: Feb 08 12:57:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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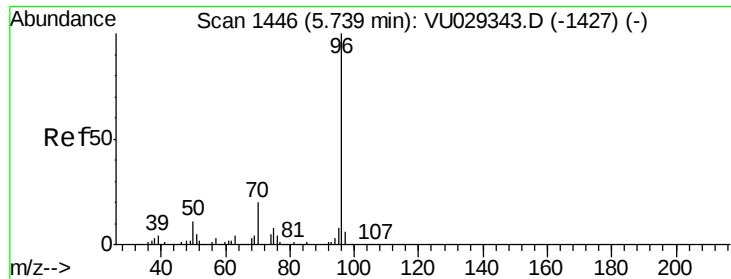
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	76279	10.113	ug/l	90
44) Bromodichloromethane	6.75	83	195666	10.181	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	420702	47.580	ug/l #	91
46) t-1,4-Dichloro-2-butene	10.51	75	86767m	20.142	ug/l	
47) Methyl methacrylate	6.62	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	94236m	10.722	ug/l	
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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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

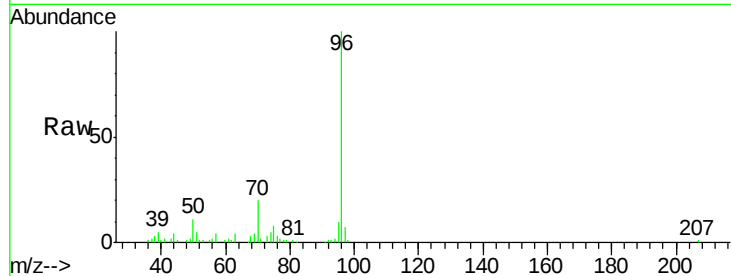
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tot 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

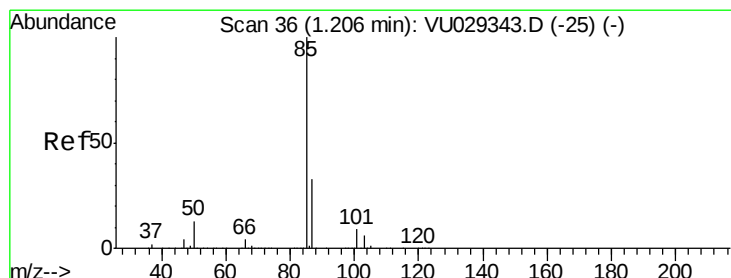
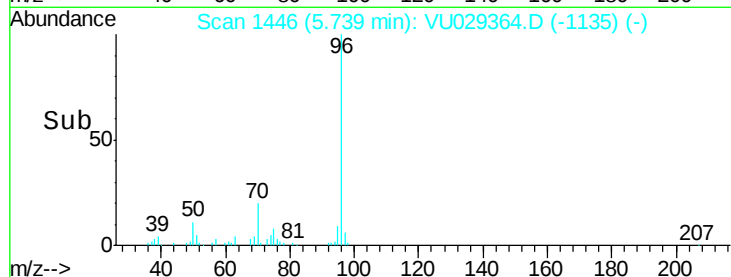
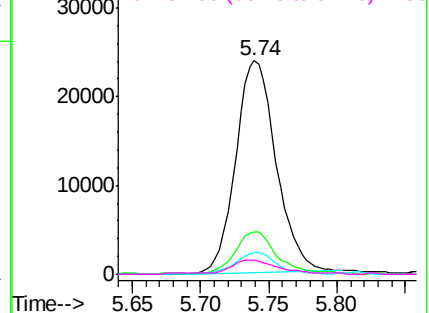


Abundance Ion 96.00 (95.70 to 96.70): VU0

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

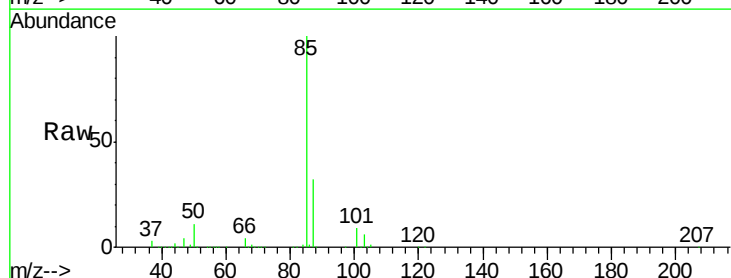
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

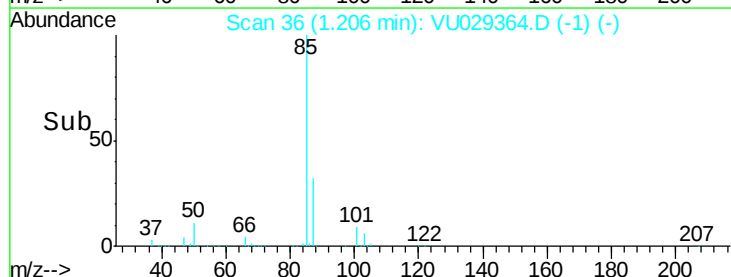
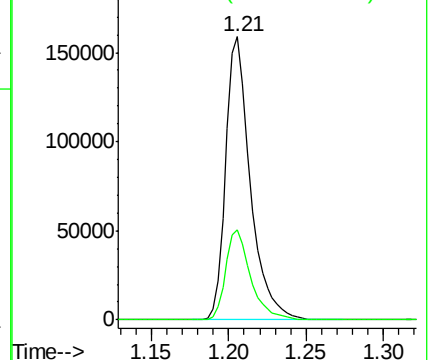
Tgt Ion: 85 Resp: 175341

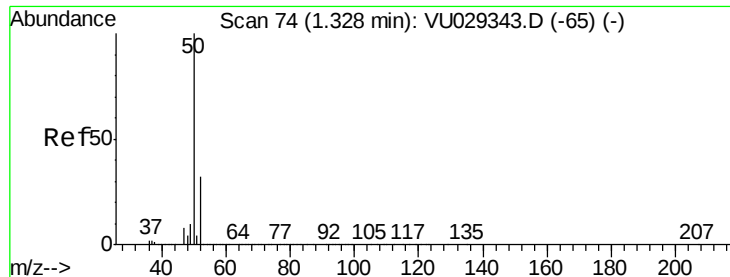
Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.9	47.6



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

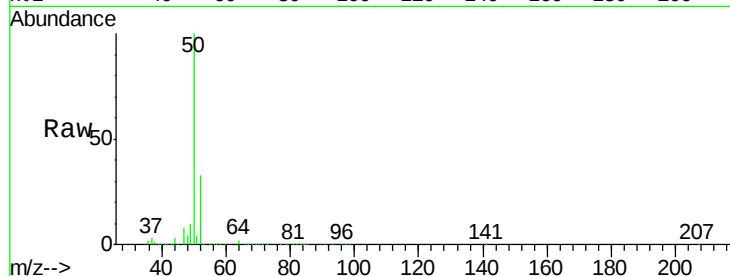
Acq: 07 Feb 2019 09:54

Tot Ion: 50 Resp: 152120

Ion Ratio Lower Upper

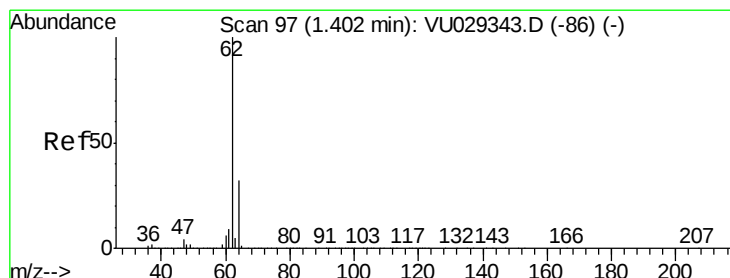
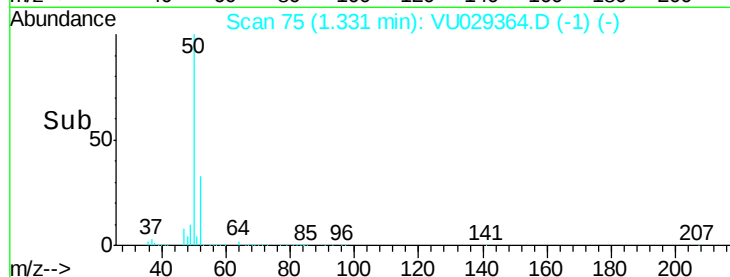
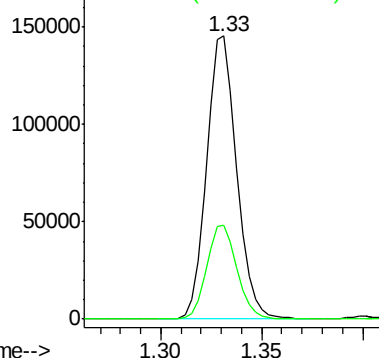
50 100

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

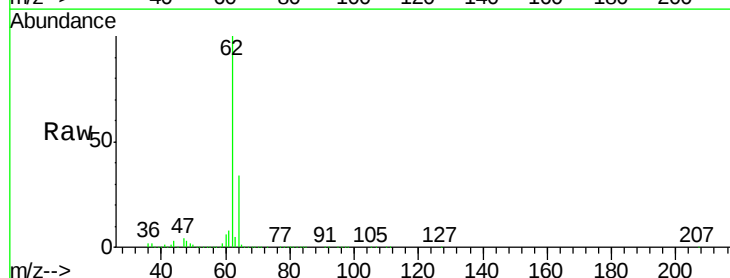
Acq: 07 Feb 2019 09:54

Tgt Ion: 62 Resp: 188187

Ion Ratio Lower Upper

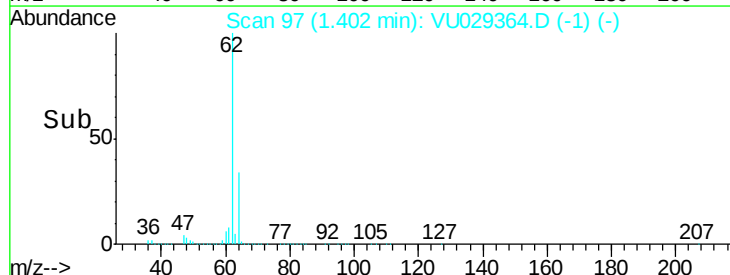
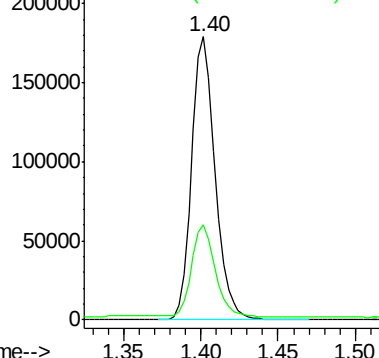
62 100

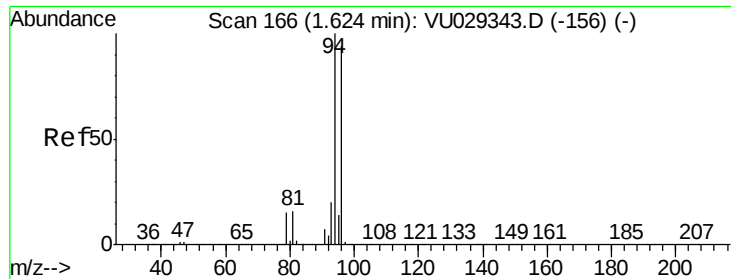
64 32.6 25.2 37.8



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

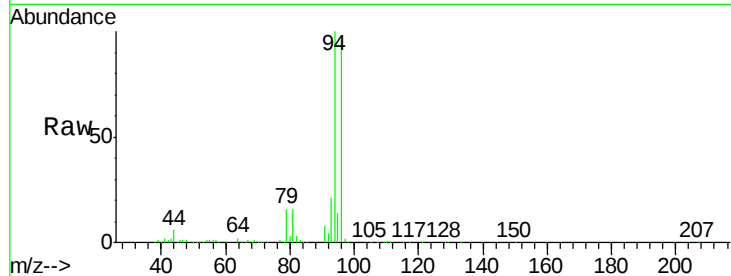
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

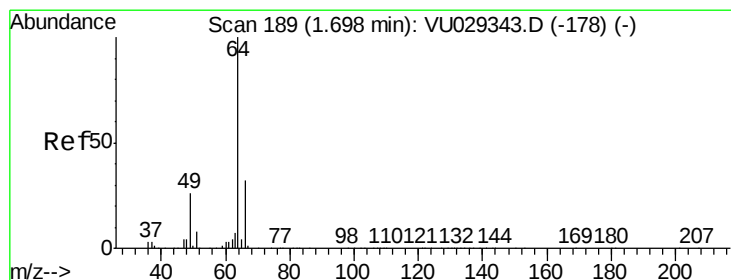
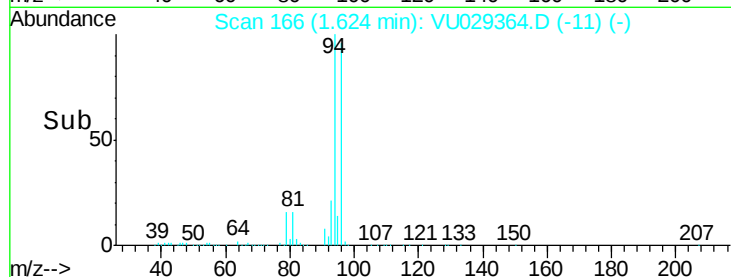
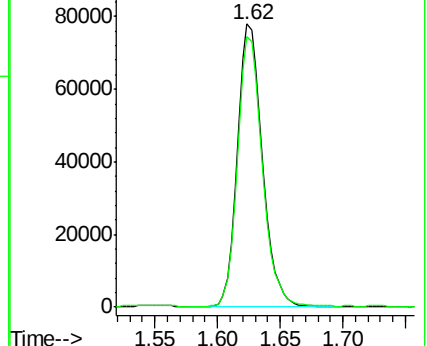
Tot Ion: 94 Resp: 106736

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

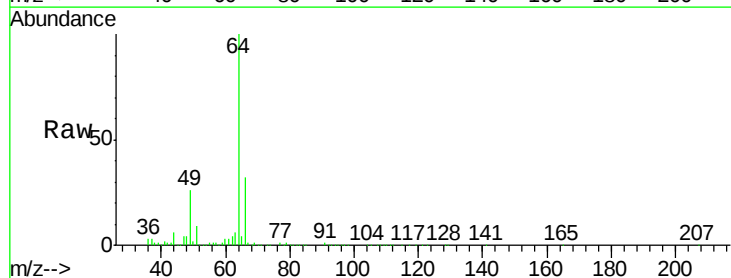
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

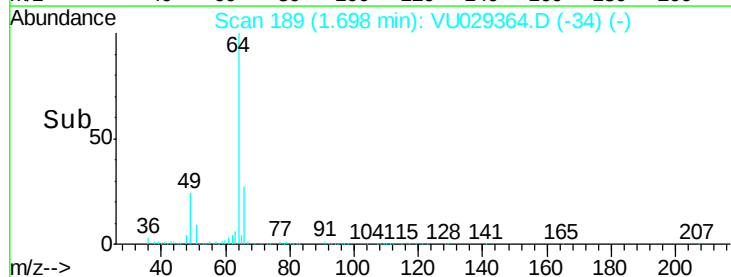
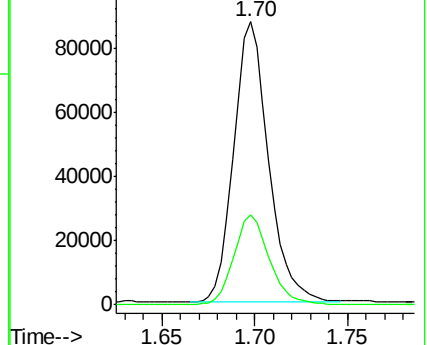
Tgt Ion: 64 Resp: 113079

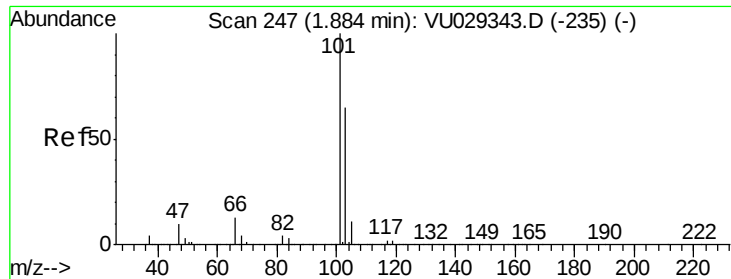
Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.3	39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

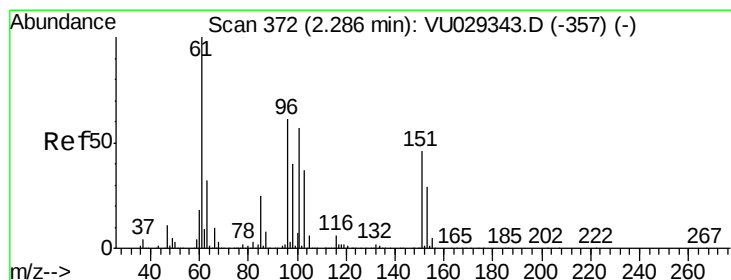
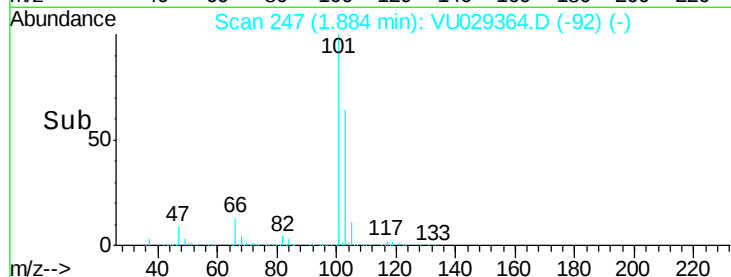
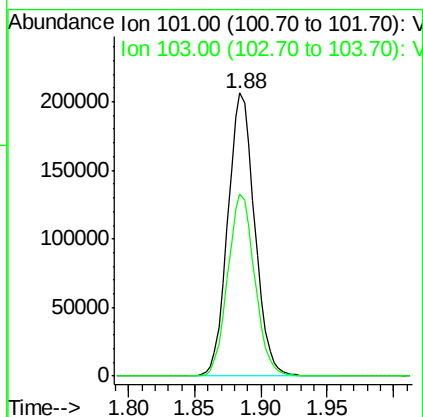
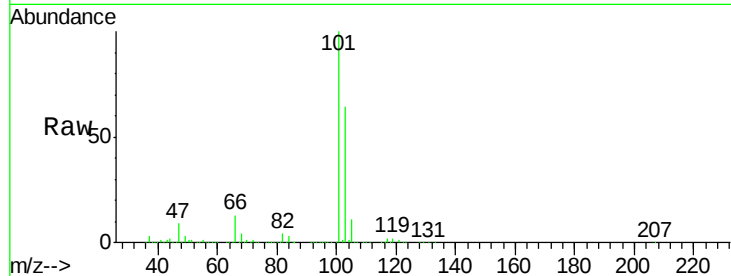




#7

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

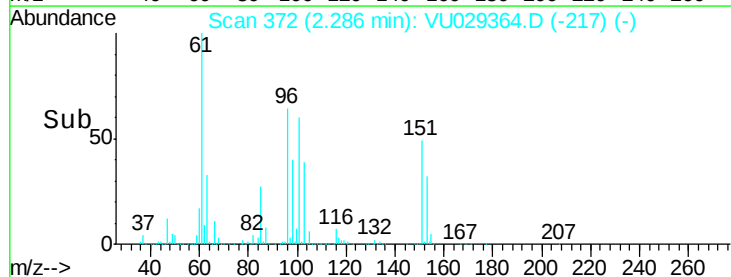
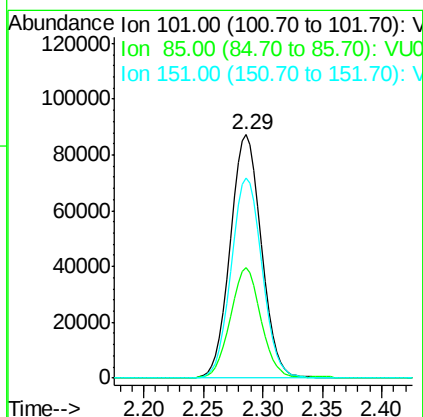
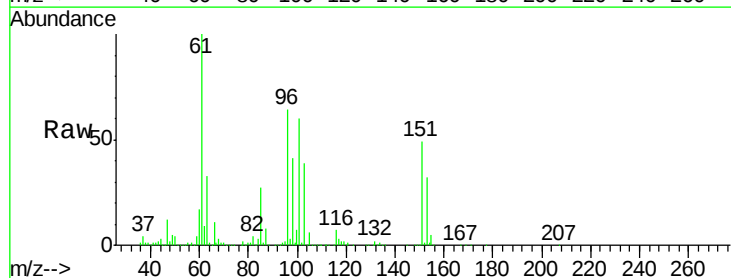
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.9	80.9

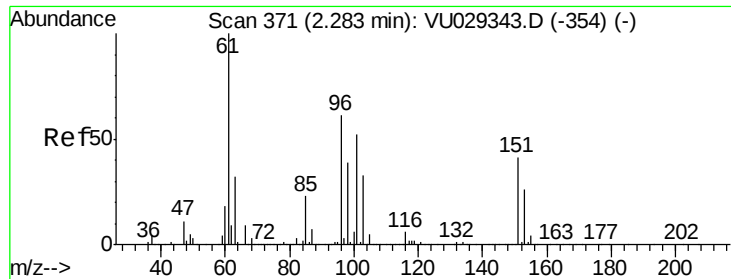


#8

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





#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

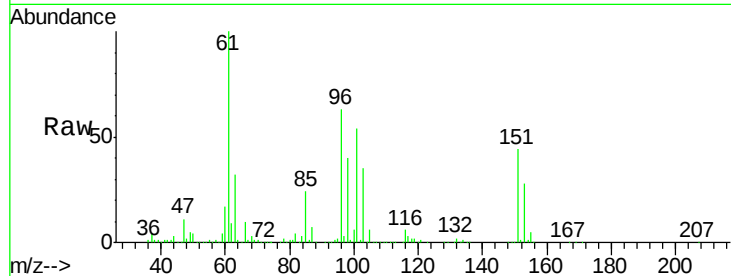
Tot Ion: 96 Resp: 150277

Ion Ratio Lower Upper

96 100

61 159.0 0.0 641.4

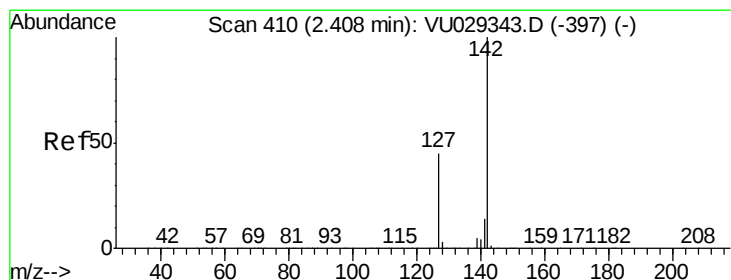
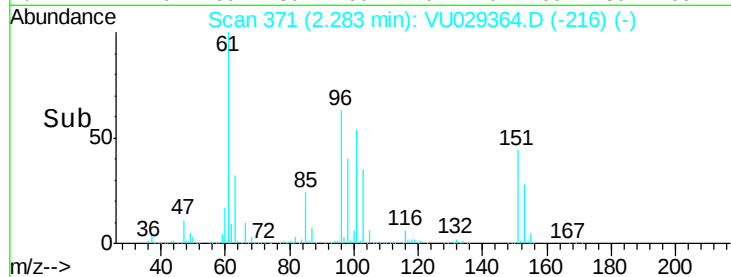
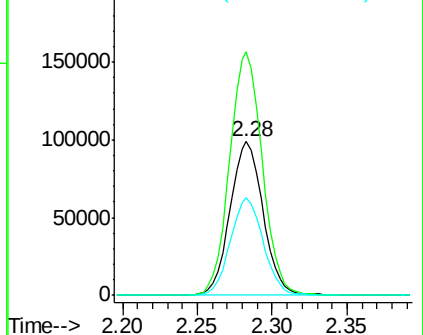
98 63.4 0.0 122.6



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

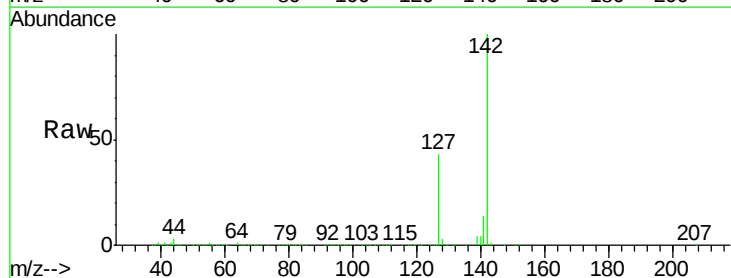
Acq: 07 Feb 2019 09:54

Tgt Ion: 142 Resp: 238340

Ion Ratio Lower Upper

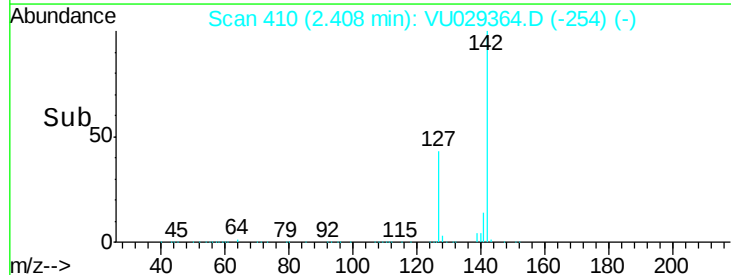
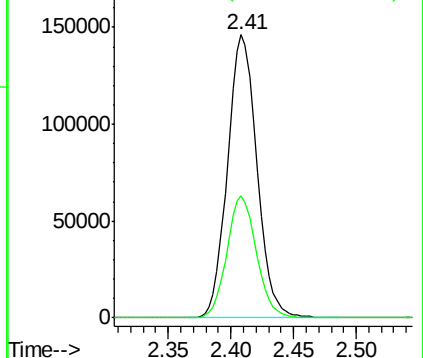
142 100

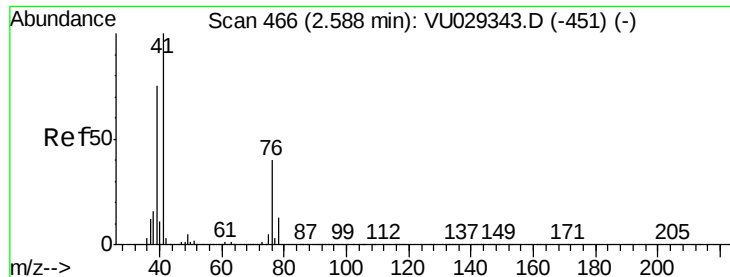
127 43.3 47.6 71.4#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 9.768 ug/l

RT: 2.59 min Scan# 466

Delta R.T. -0.00 min

Lab File: VU029364.D

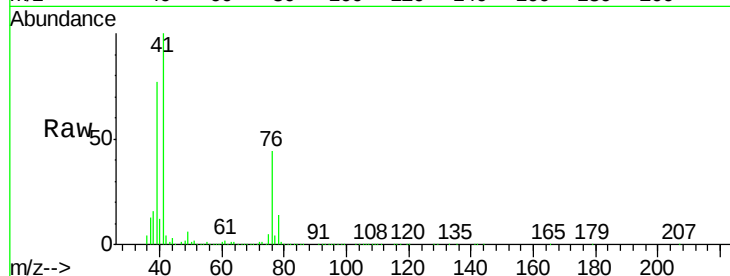
Acq: 07 Feb 2019 09:54

Tot Ion: 41 Resp: 232426

Ion Ratio Lower Upper

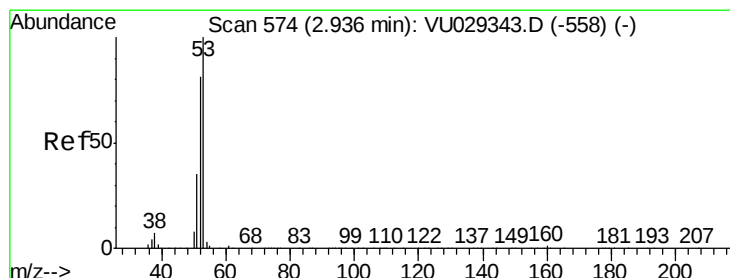
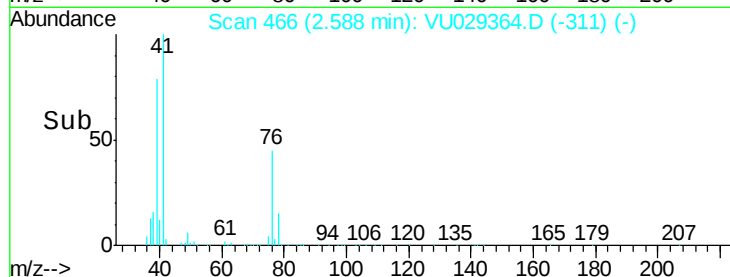
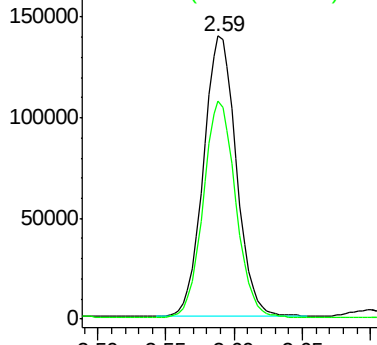
41 100

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

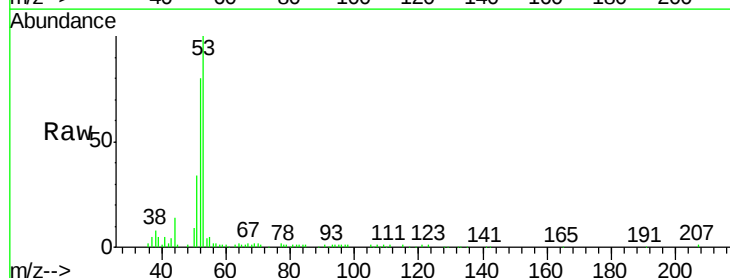
Tgt Ion: 53 Resp: 62500

Ion Ratio Lower Upper

53 100

52 83.3 67.6 101.4

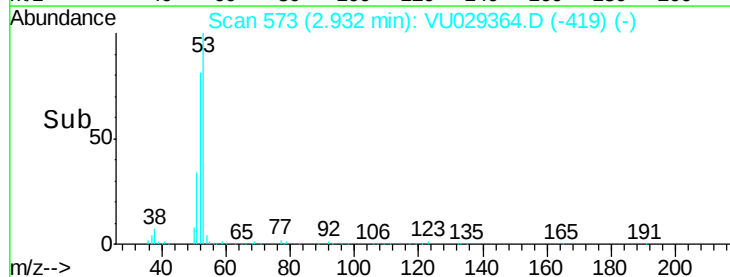
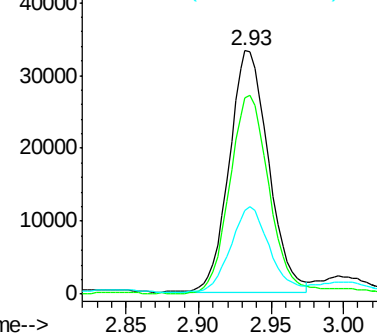
51 35.3 31.0 46.4

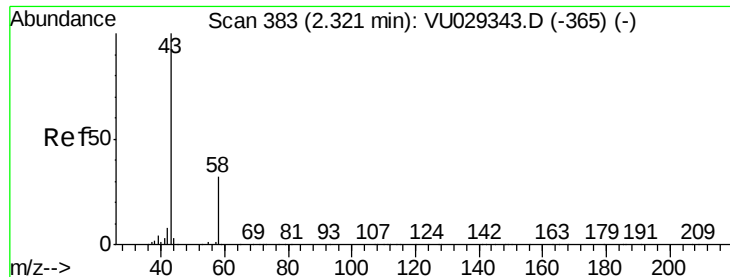


Abundance Ion 53.00 (52.70 to 53.70): VU0

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

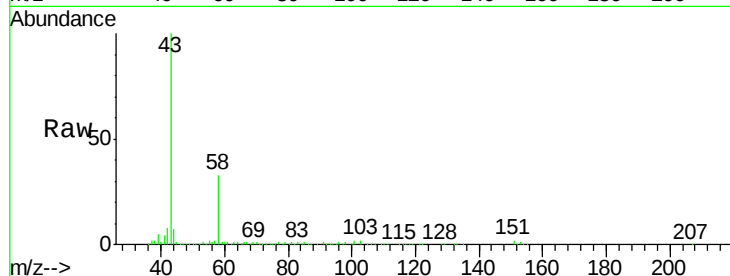
Acq: 07 Feb 2019 09:54

Tot Ion: 43 Resp: 150761

Ion Ratio Lower Upper

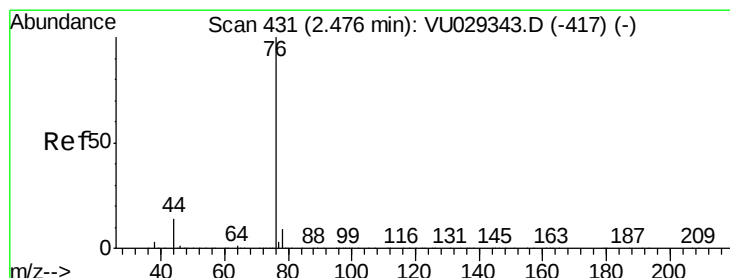
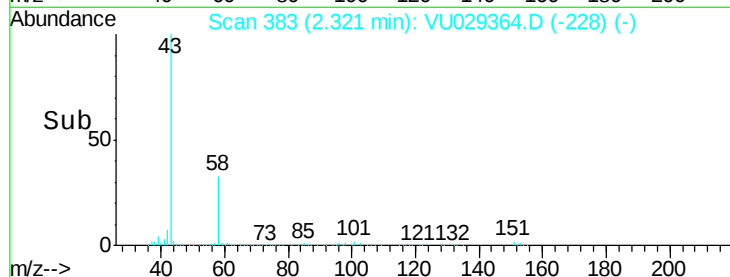
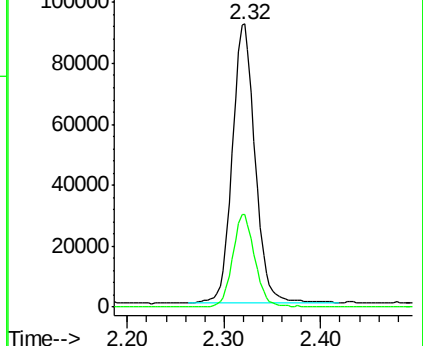
43 100

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



#14

Carbon Disulfide

Concen: 10.104 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029364.D

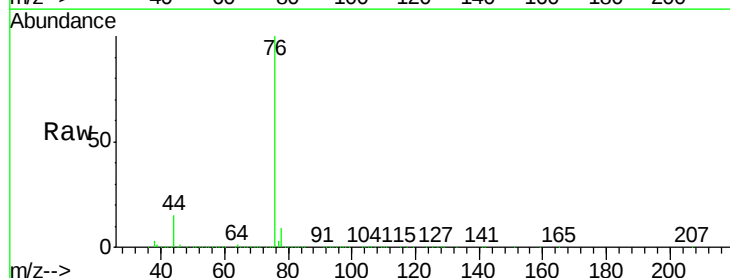
Acq: 07 Feb 2019 09:54

Tgt Ion: 76 Resp: 506196

Ion Ratio Lower Upper

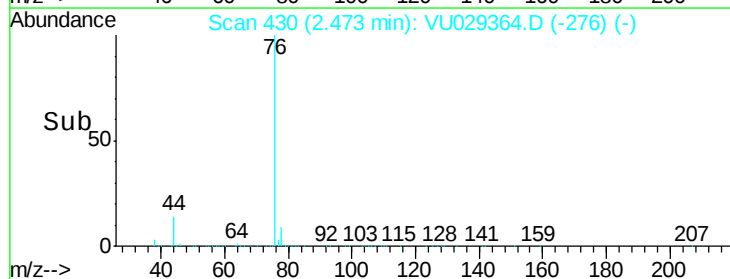
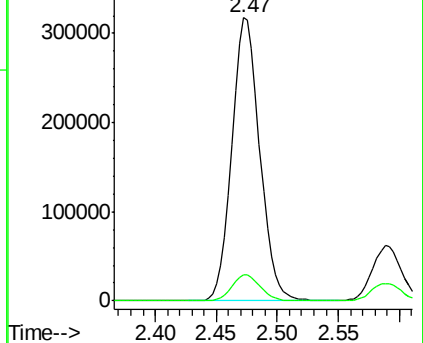
76 100

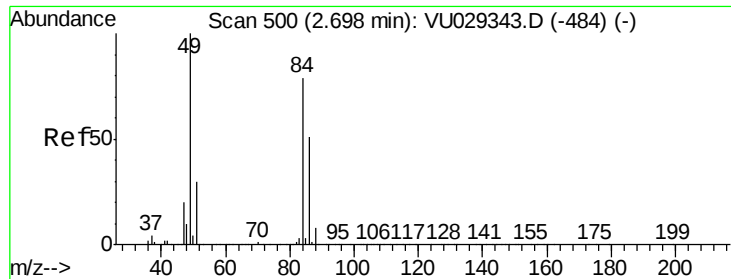
78 9.1 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methylene Chloride

Concen: 9.500 ug/l

RT: 2.70 min Scan# 500

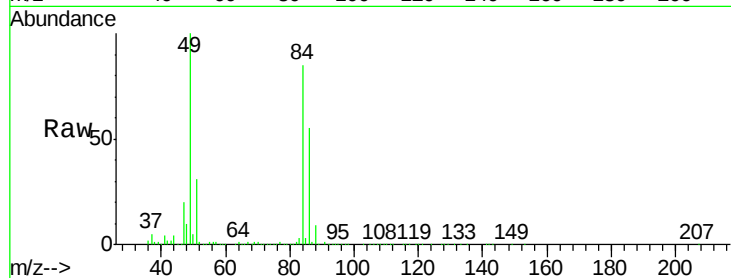
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tot 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

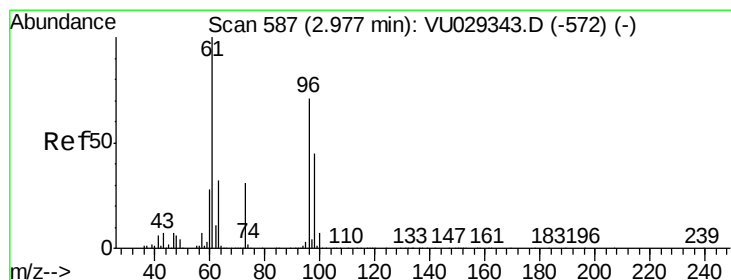
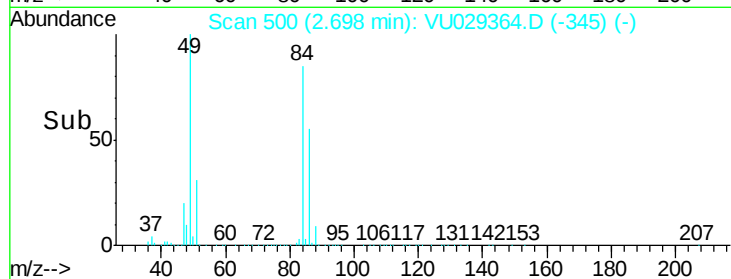
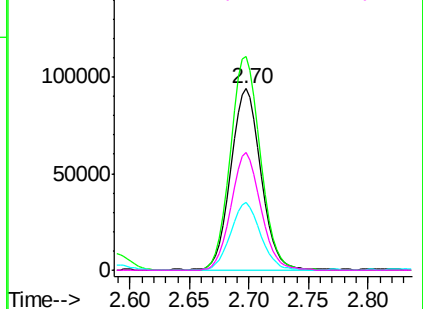


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.421 ug/l

RT: 2.98 min Scan# 587

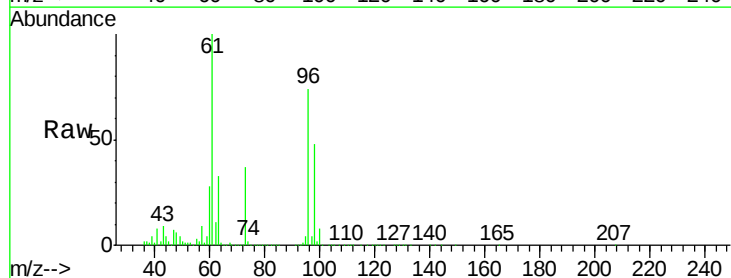
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tgt Ion: 96 Resp: 165352

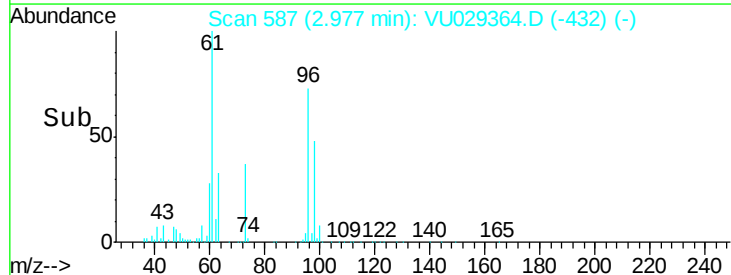
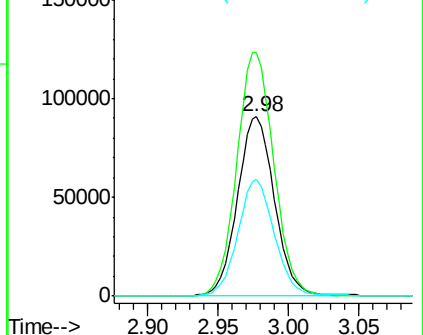
Ion	Ratio	Lower	Upper
96	100		
61	136.5	140.6	210.8#
98	64.7	49.3	73.9

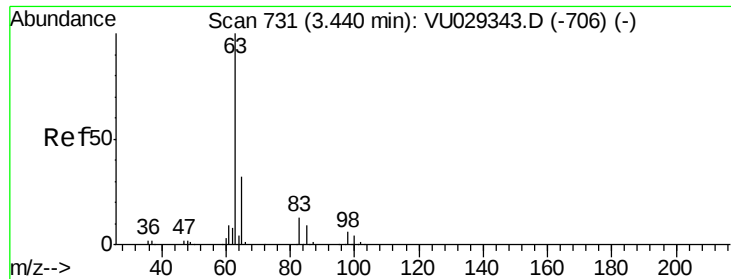


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

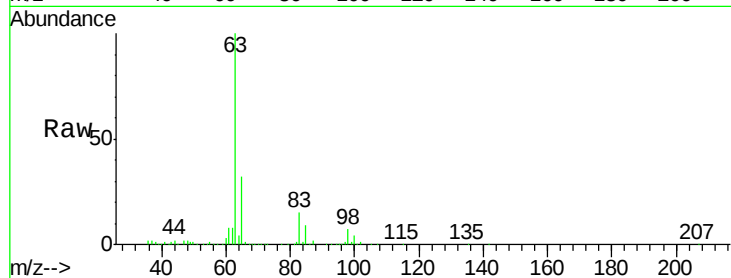
Ion 98.00 (97.70 to 98.70): VU0



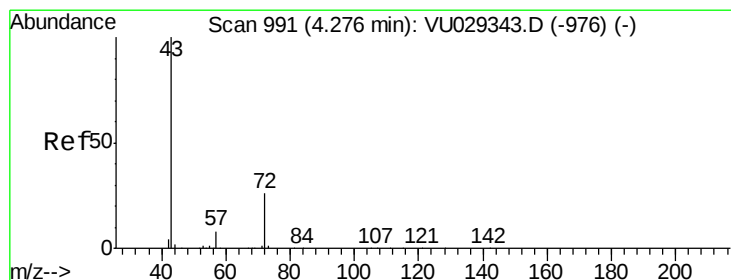
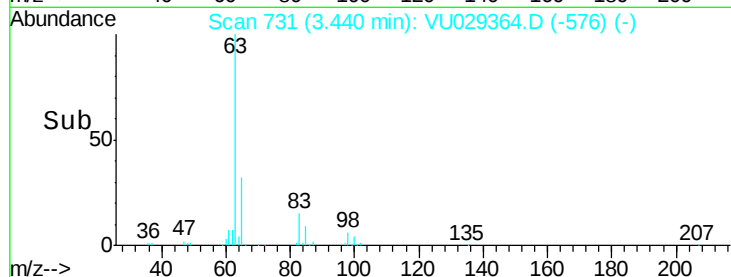
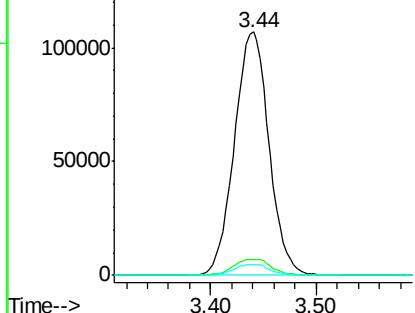


#17
 1,1-Dichloroethane
 Concen: 9.671 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

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

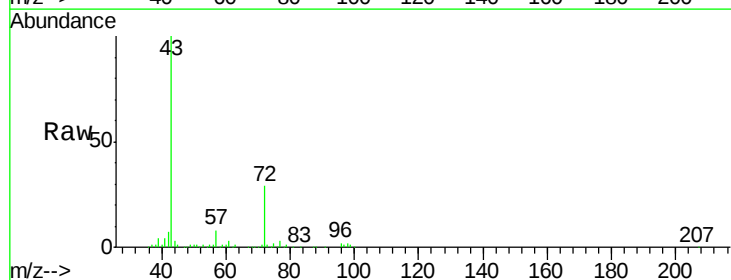


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

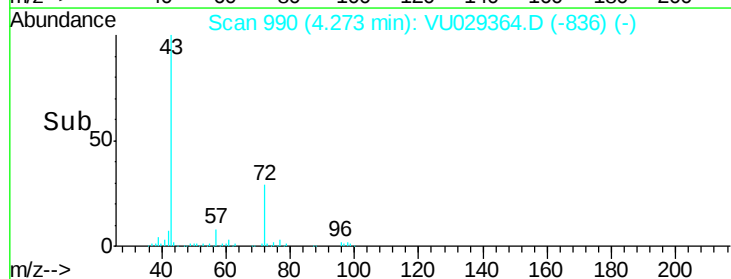
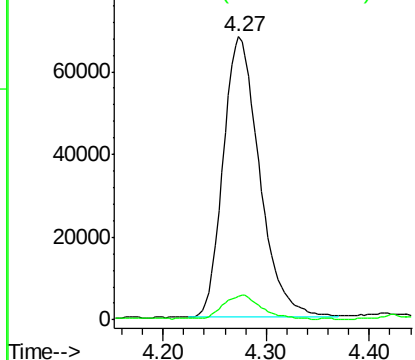


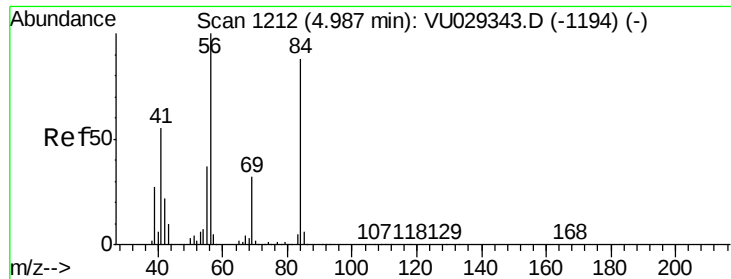
#18
 2-Butanone
 Concen: 48.540 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

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: 9.014 ug/l m

RT: 4.99 min Scan# 1212

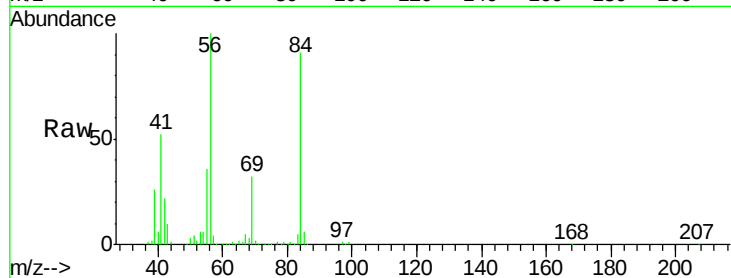
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tot Ion: 56 Resp: 210157

Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.8	40.2
84	89.8	71.5	107.3

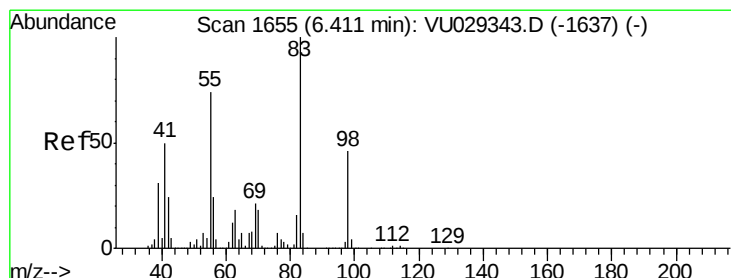
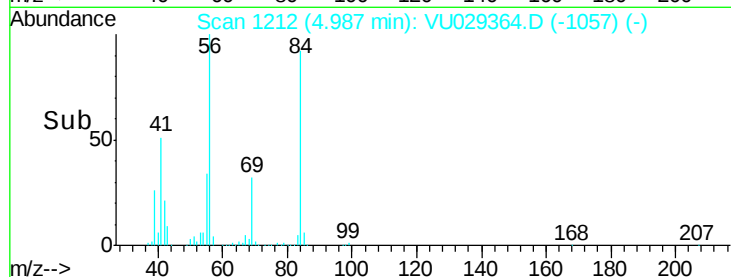
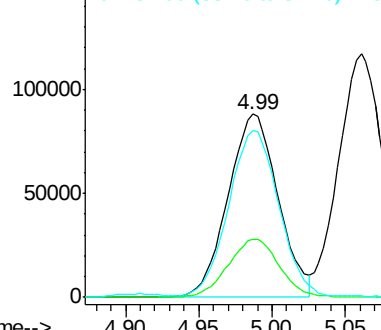


Abundance

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

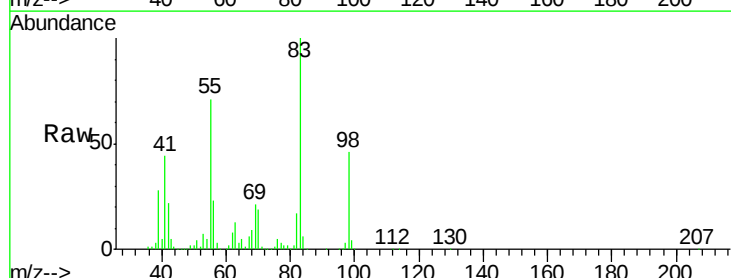
Delta R.T. -0.00 min

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

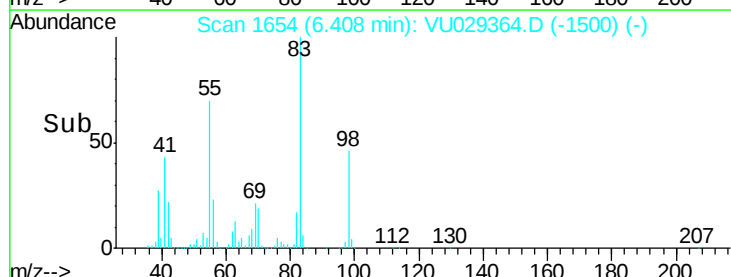
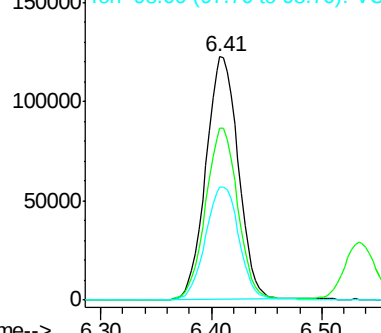


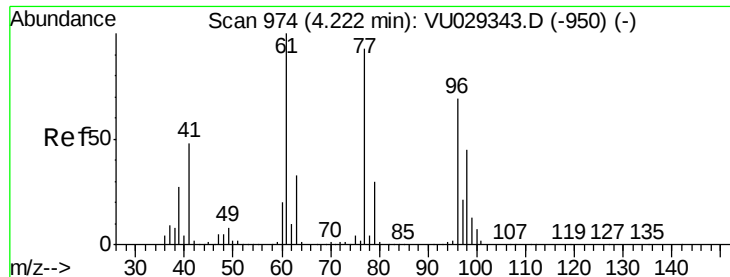
Abundance

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

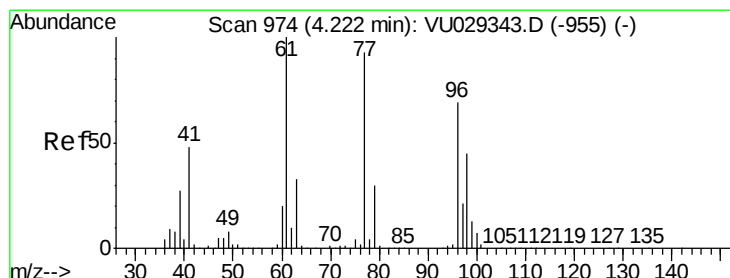
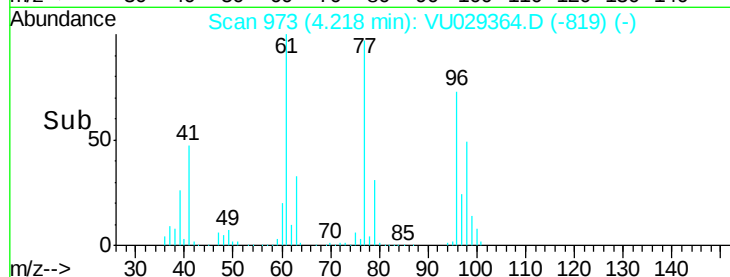
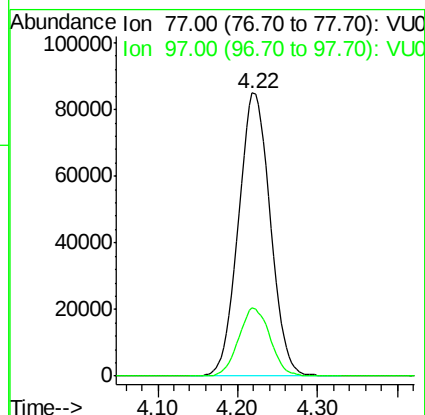
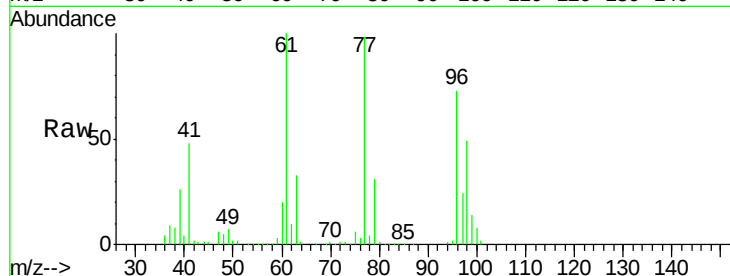
Acq: 07 Feb 2019 09:54

Tot 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

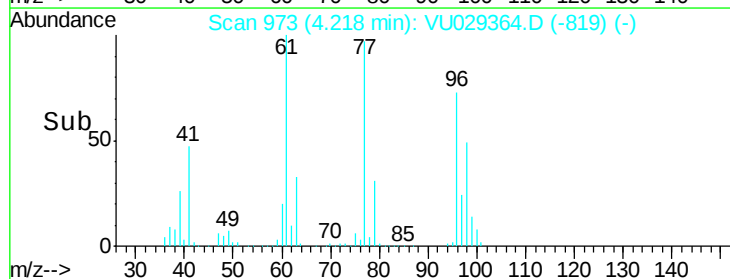
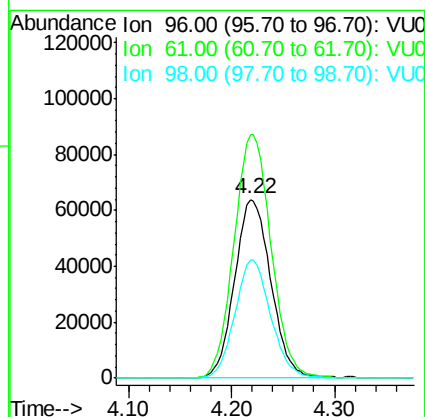
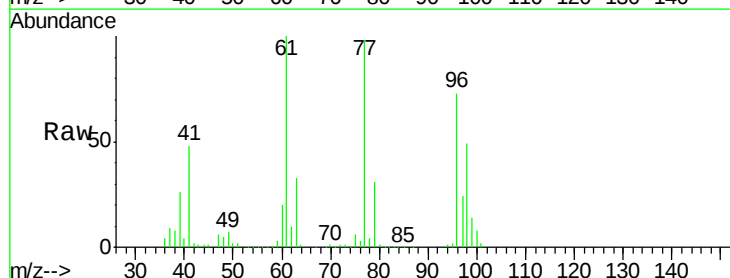
Tgt Ion: 96 Resp: 156705

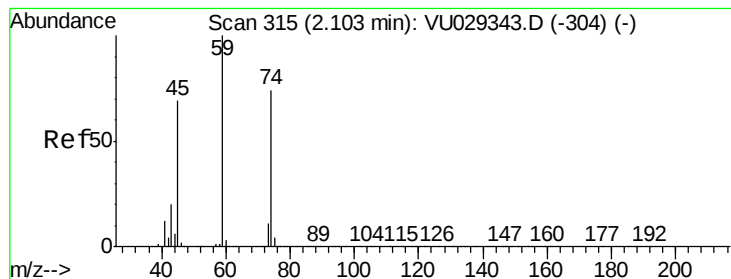
Ion Ratio Lower Upper

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

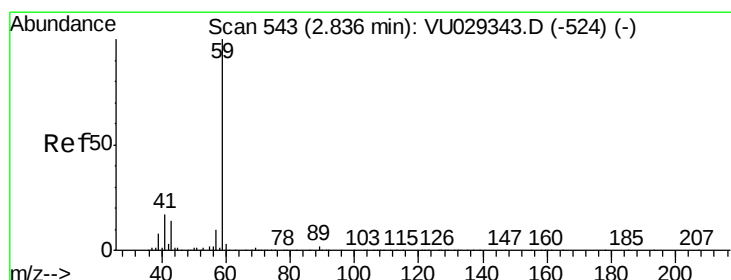
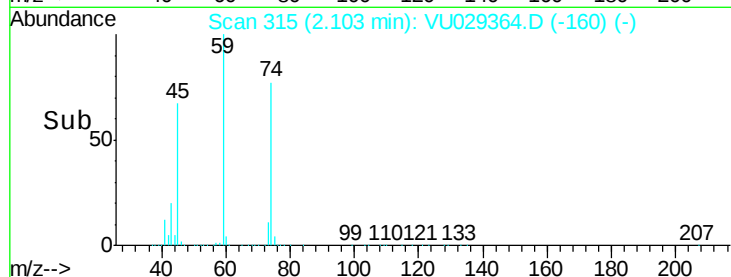
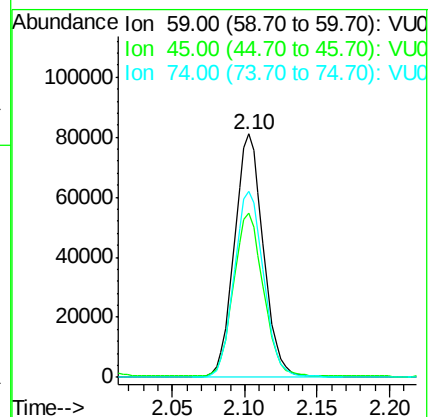
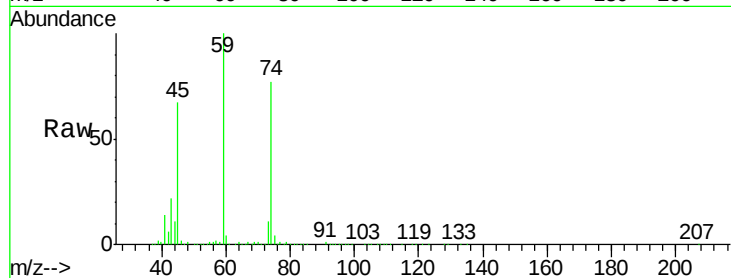
Tot Ion: 59 Resp: 112353

Ion Ratio Lower Upper

59 100

45 68.9 64.2 96.4

74 77.5 55.3 82.9



#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

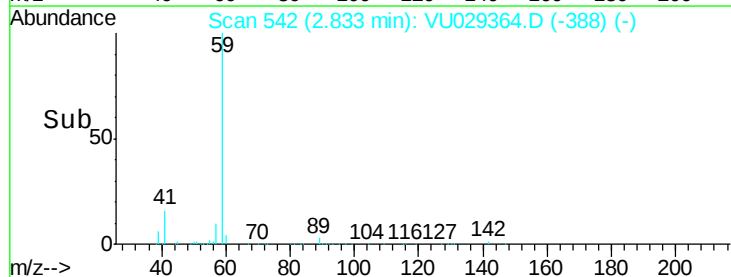
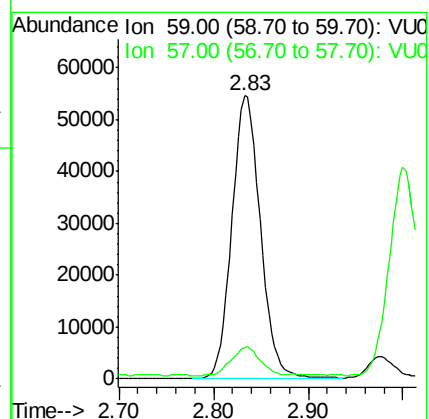
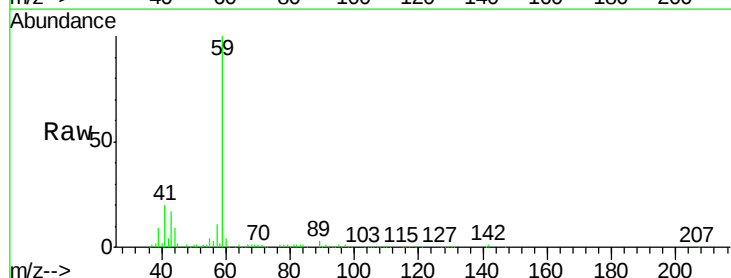
Acq: 07 Feb 2019 09:54

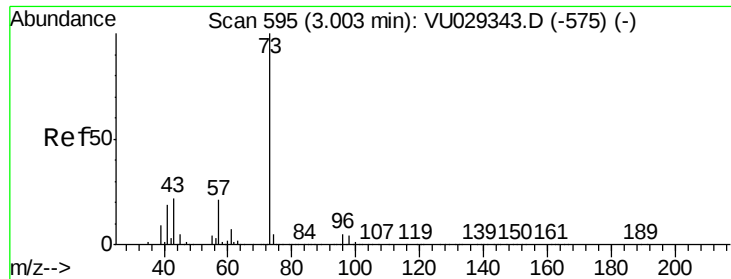
Tgt Ion: 59 Resp: 115011

Ion Ratio Lower Upper

59 100

57 10.4 8.8 13.2

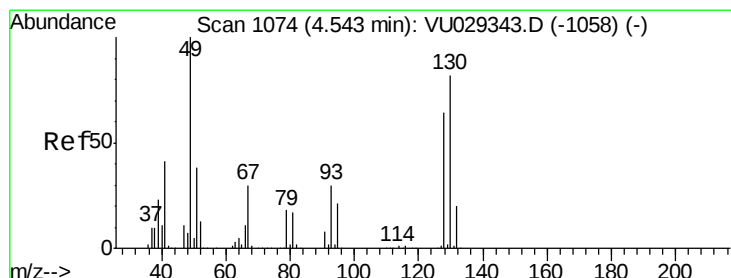
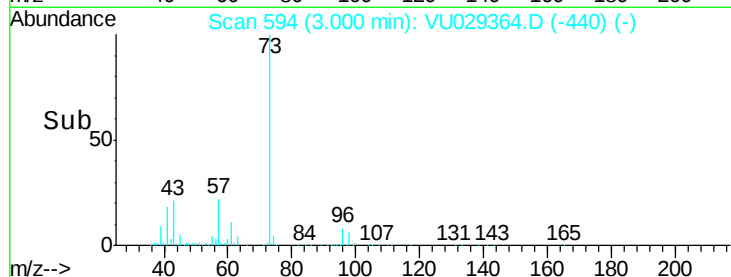
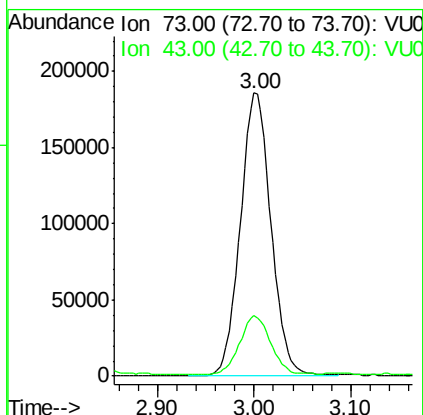
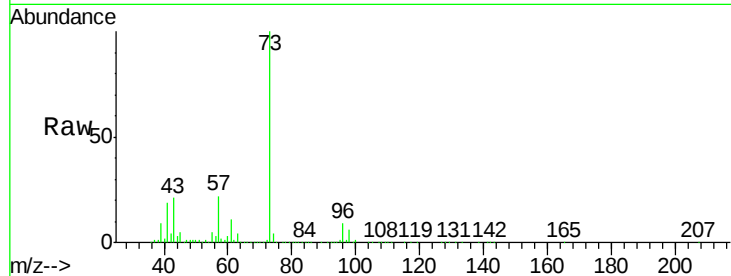




#25

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

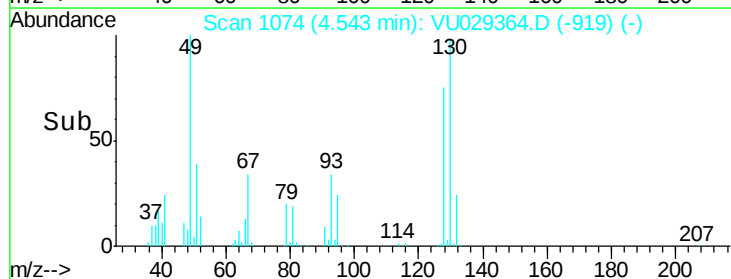
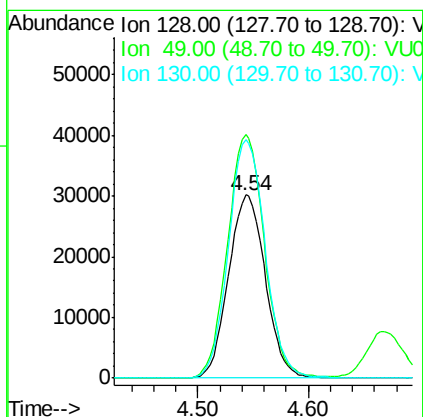
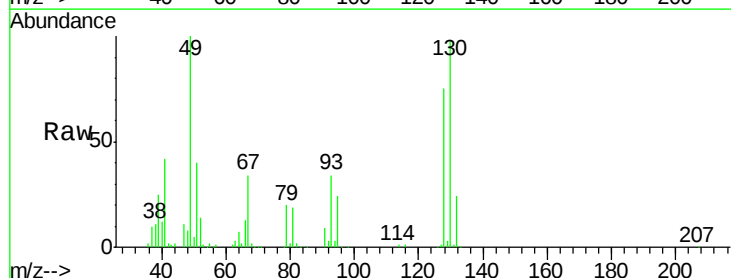
Tot Ion	73	Resp	408923
Ion Ratio	Lower	Upper	
73	100		
43	20.8	22.1	33.1#

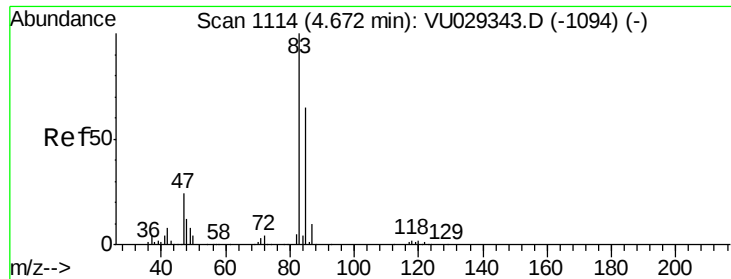


#26

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

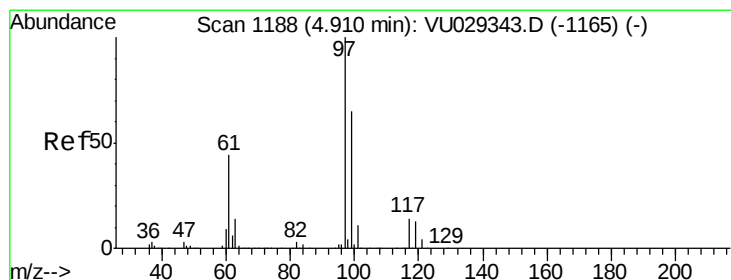
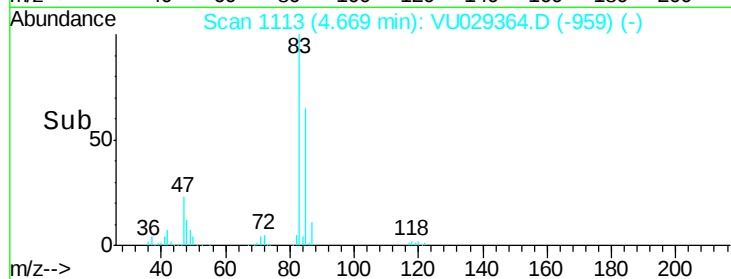
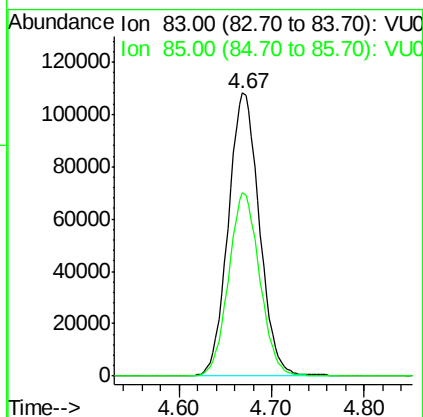
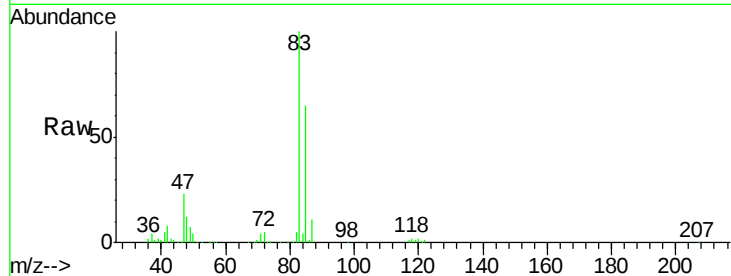
Tgt Ion	128	Resp	69975
Ion Ratio	Lower	Upper	
128	100		
49	133.4	0.0	401.6
130	129.8	108.0	162.0





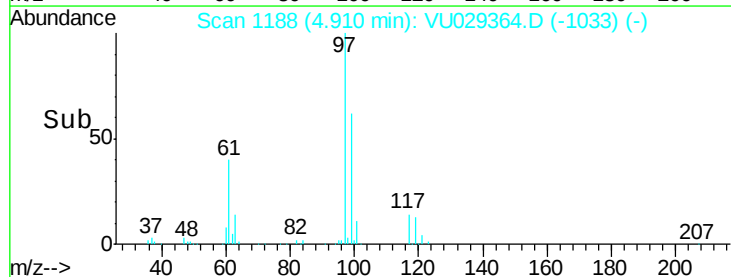
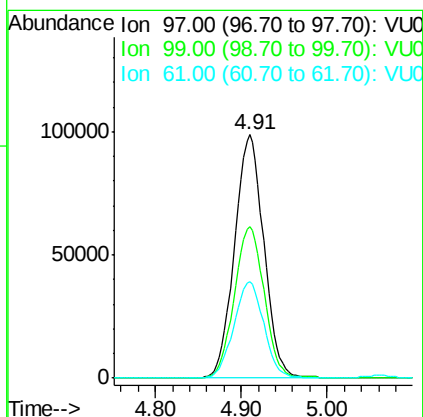
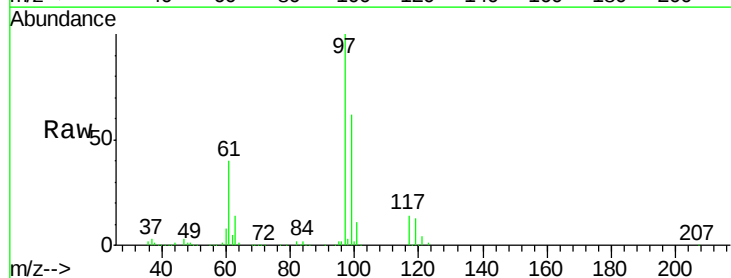
#27
Chloroform
Concen: 10.253 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

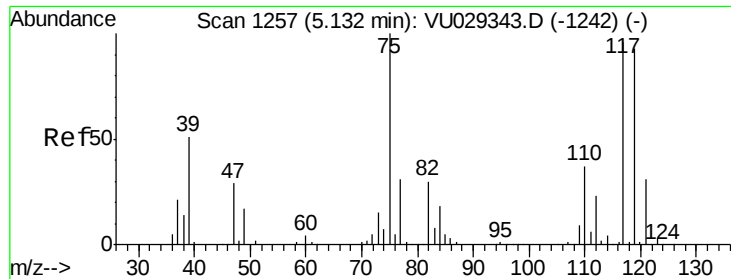
Tot Ion: 83 Resp: 250712
Ion Ratio Lower Upper
83 100
85 65.0 0.0 126.6



#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

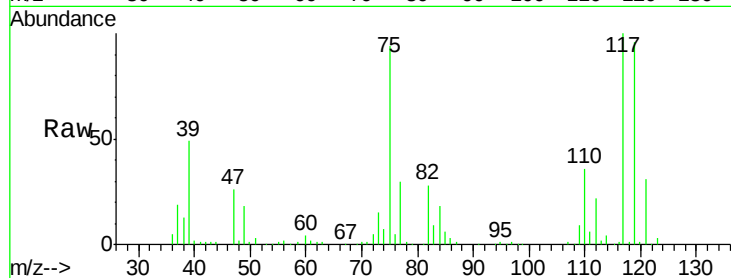
Tot Ion: 75 Resp: 193033

Ion Ratio Lower Upper

75 100

110 39.6 15.4 46.2

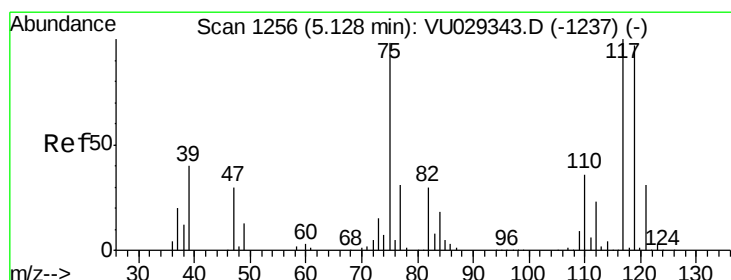
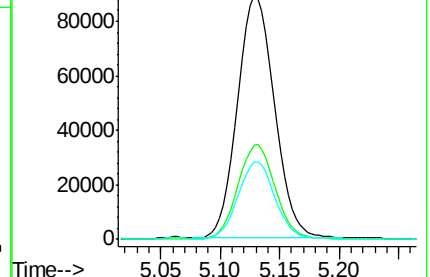
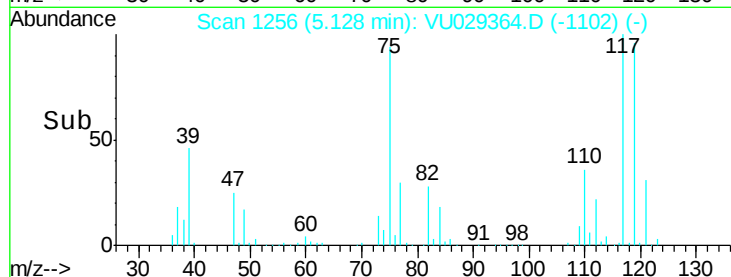
77 31.3 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU029343.D (-1242) (-)

Ion 110.00 (109.70 to 110.70): VU029343.D (-1242) (-)

Ion 77.00 (76.70 to 77.70): VU029343.D (-1242) (-)



#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

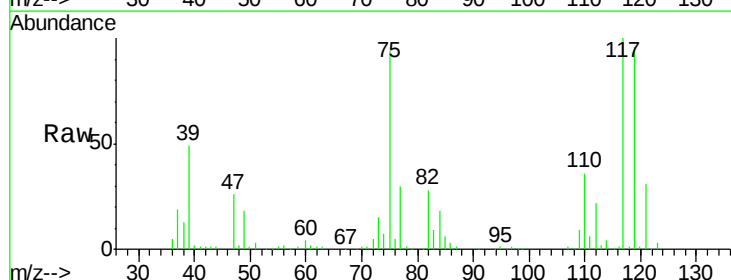
Tgt Ion: 117 Resp: 218005

Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2

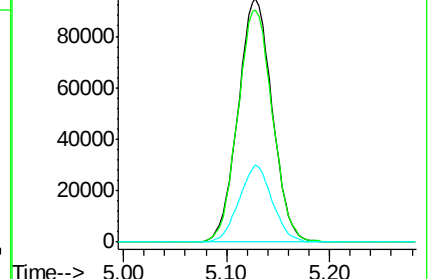
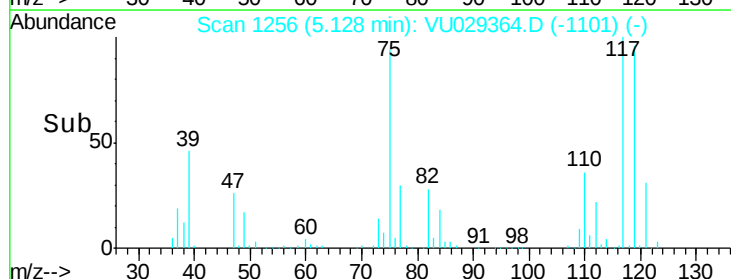
121 31.5 24.4 36.6

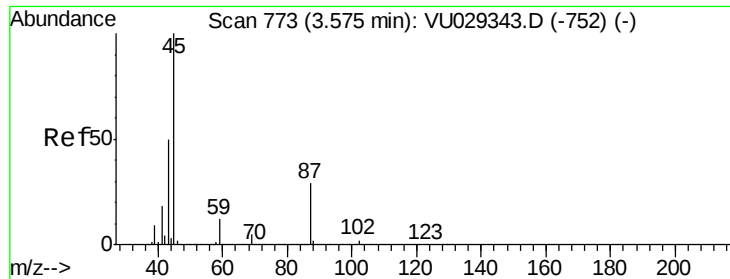


Abundance Ion 117.00 (116.70 to 117.70): VU029343.D (-1237) (-)

Ion 119.00 (118.70 to 119.70): VU029343.D (-1237) (-)

Ion 121.00 (120.70 to 121.70): VU029343.D (-1237) (-)





#31

Isopropyl Ether

Concen: 9.423 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029364.D

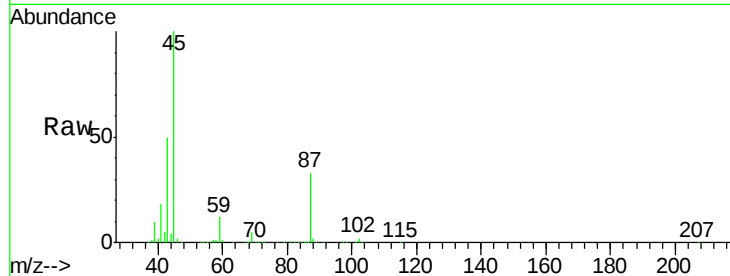
Acq: 07 Feb 2019 09:54

Tot 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) (-)

3.58

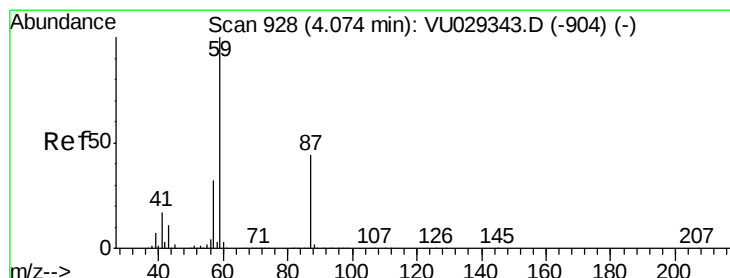
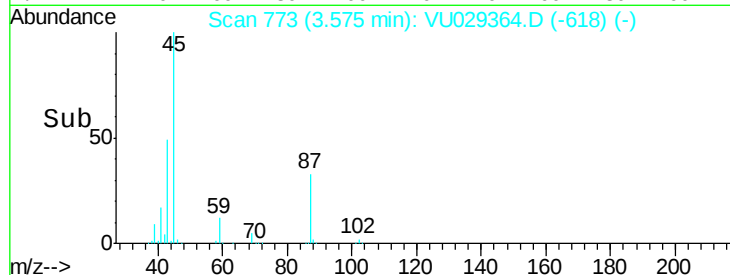
150000

100000

50000

0

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

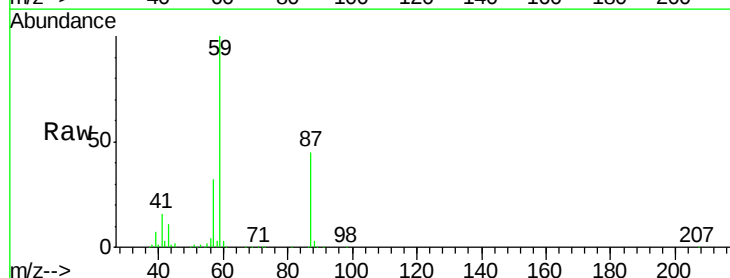
Acq: 07 Feb 2019 09:54

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) (-)

4.07

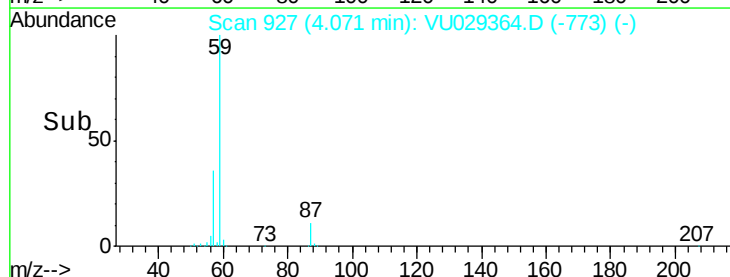
150000

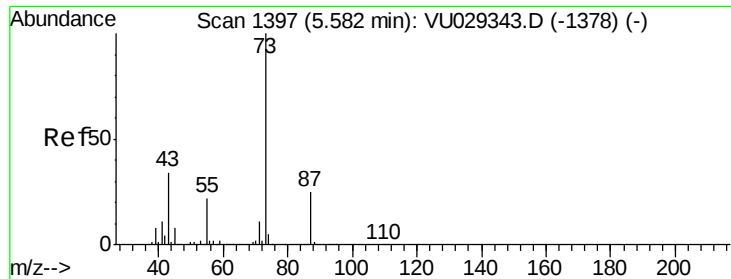
100000

50000

0

Time-->

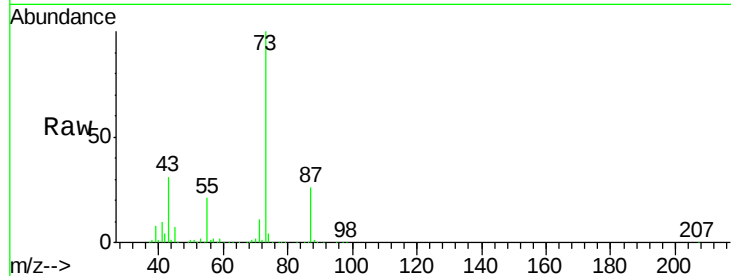




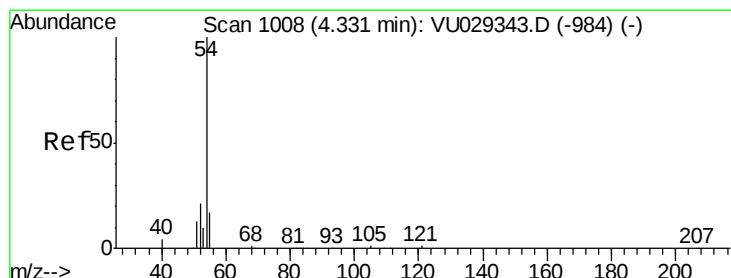
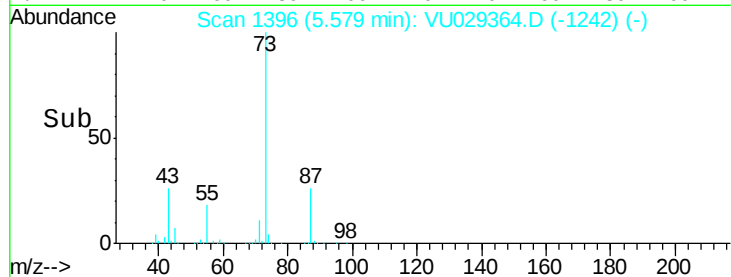
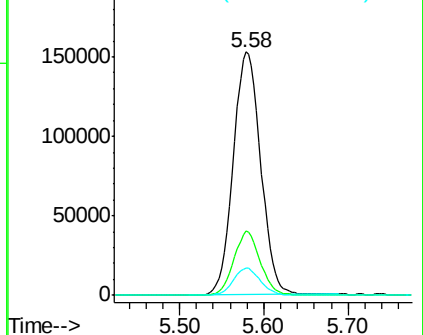
#33

Tert-Amvl methvl 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

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.1	19.4	29.0
71	10.8	9.0	13.4



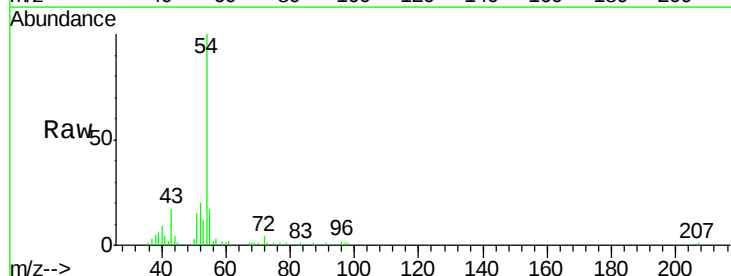
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



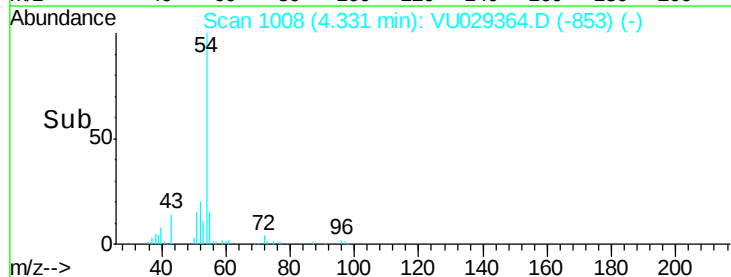
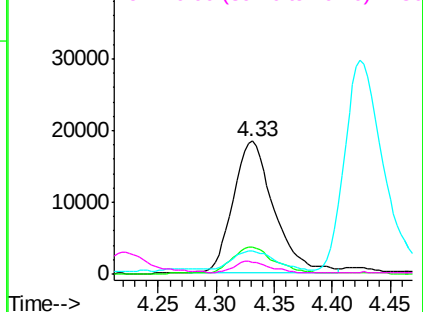
#34

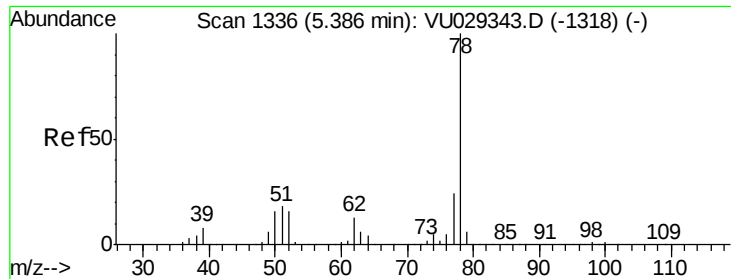
Propionitrile
Concen: 49.526 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tgt Ion	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



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





#35

Benzene

Concen: 10.158 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029364.D

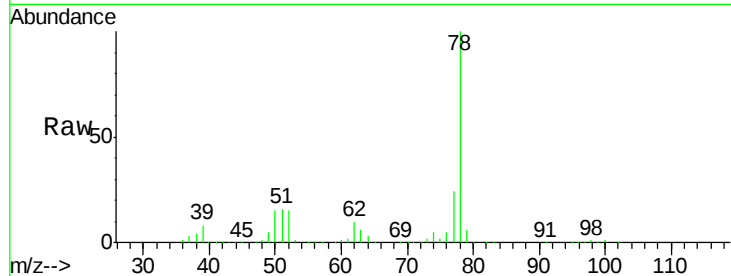
Acq: 07 Feb 2019 09:54

Tot Ion: 78 Resp: 552695

Ion Ratio Lower Upper

78 100

77 24.2 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU029364.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU029364.D (-1318) (-)

5.38

250000

200000

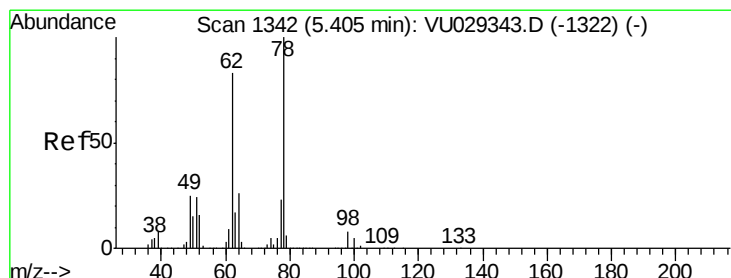
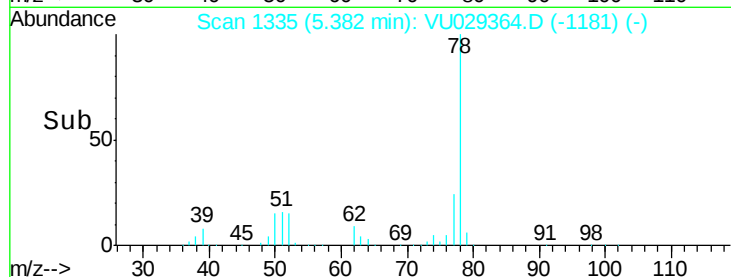
150000

100000

50000

0

Time-->



#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

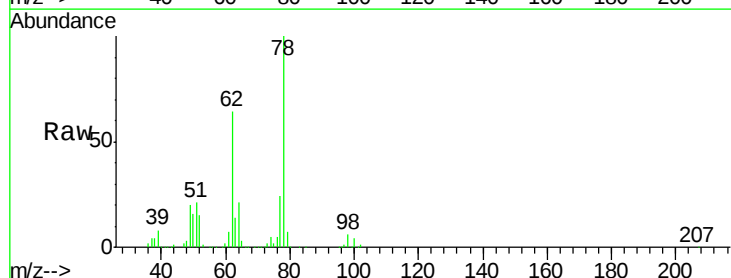
Acq: 07 Feb 2019 09:54

Tgt Ion: 62 Resp: 158259

Ion Ratio Lower Upper

62 100

98 9.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU029364.D (-1187) (-)

Ion 98.00 (97.70 to 98.70): VU029364.D (-1187) (-)

5.40

80000

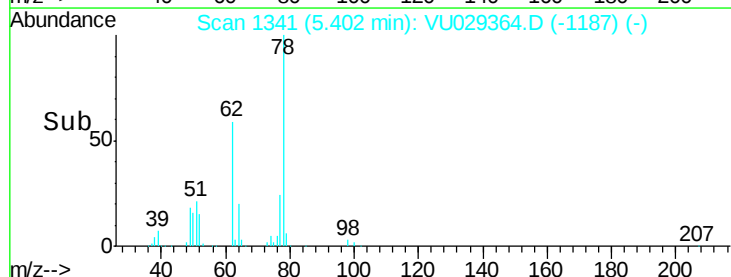
60000

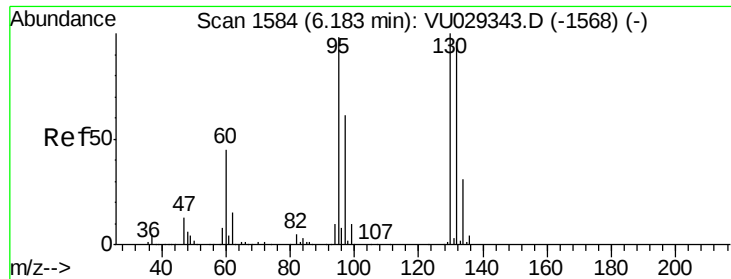
40000

20000

0

Time-->





#37

Trichloroethene

Concen: 10.934 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029364.D

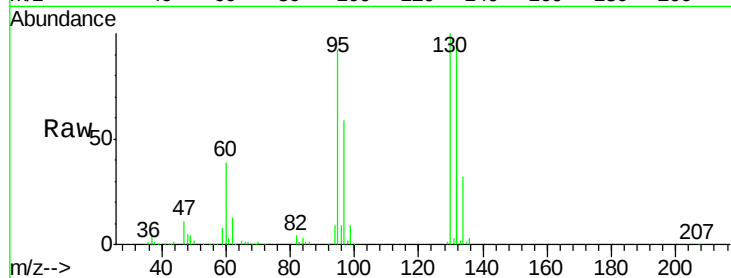
Acq: 07 Feb 2019 09:54

Tot Ion:130 Resp: 170715

Ion Ratio Lower Upper

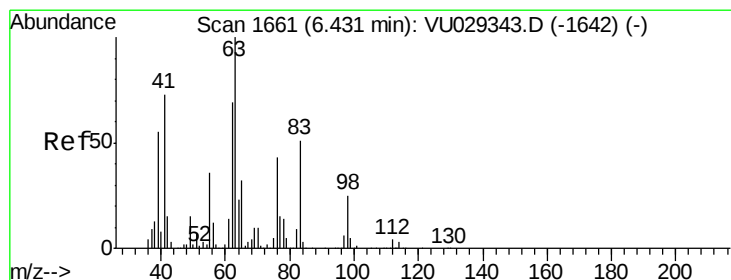
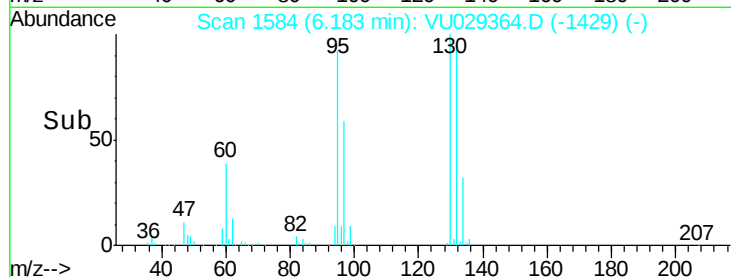
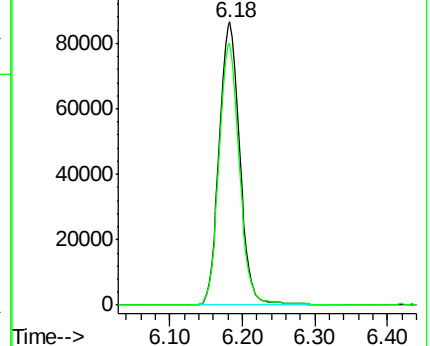
130 100

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): VU029343.D (-1568) (-)



#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

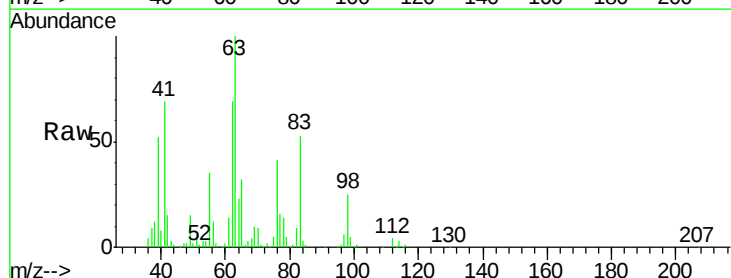
Acq: 07 Feb 2019 09:54

Tgt Ion: 63 Resp: 140427

Ion Ratio Lower Upper

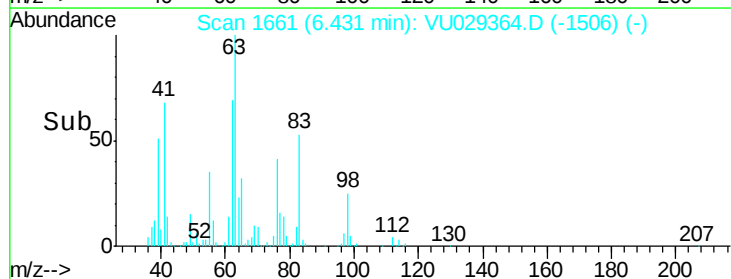
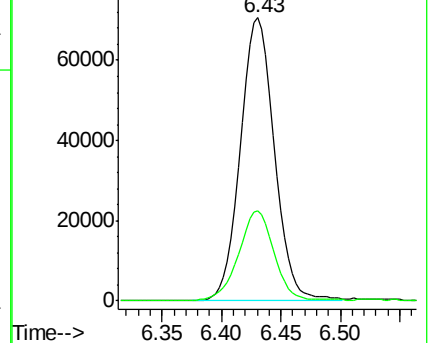
63 100

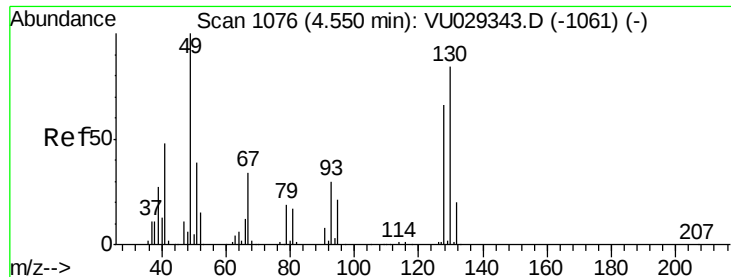
65 31.5 25.5 38.3



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

Ion 65.00 (64.70 to 65.70): VU029343.D (-1642) (-)





#39

Methacrylonitrile

Concen: 9.098 ug/l

RT: 4.55 min Scan# 1075

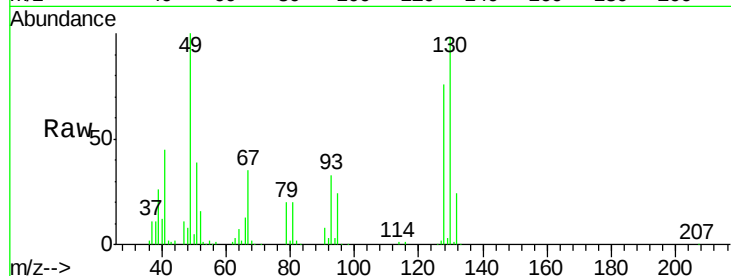
Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

Tot 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

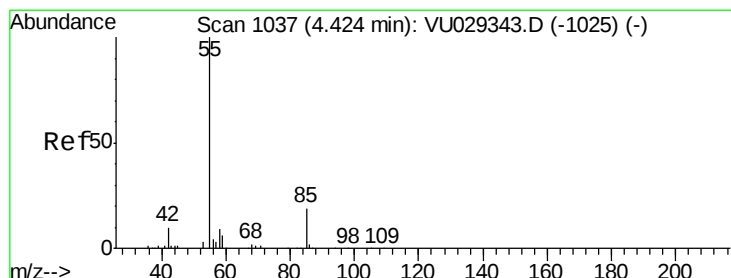
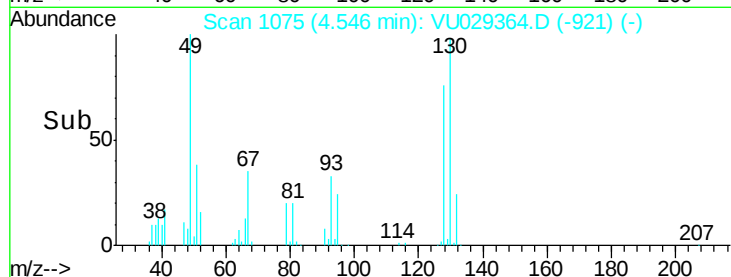
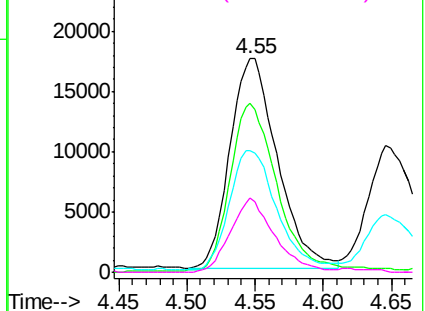


Abundance Ion 41.00 (40.70 to 41.70): VU0

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

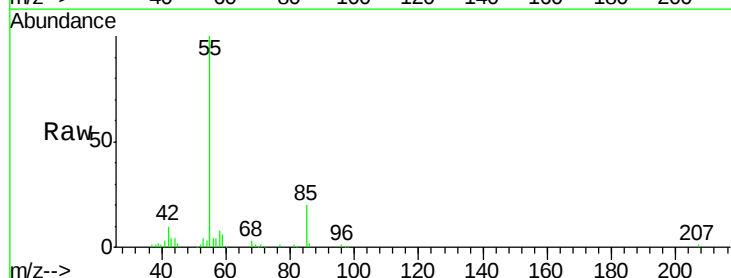
Delta R.T. -0.00 min

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#

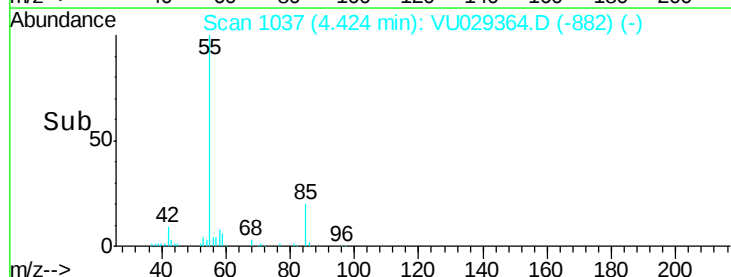
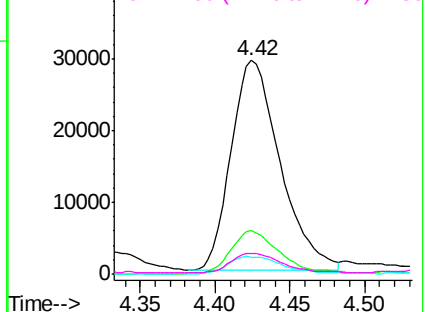


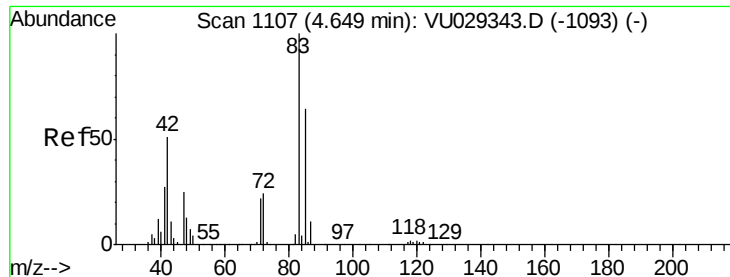
Abundance Ion 55.00 (54.70 to 55.70): VU0

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

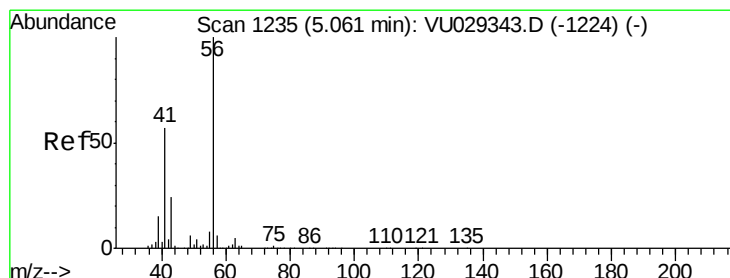
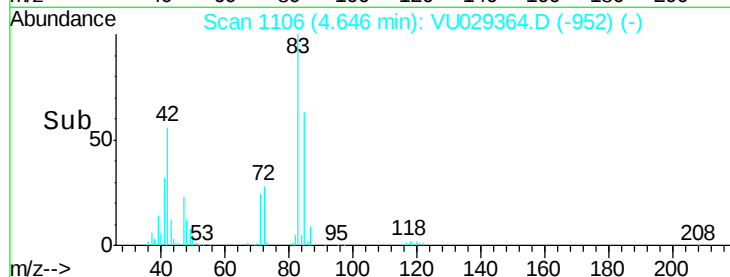
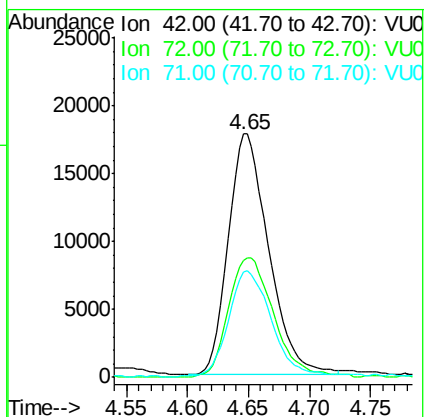
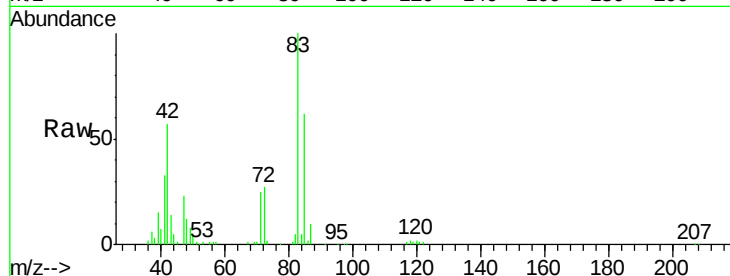
RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029364.D

Acq: 07 Feb 2019 09:54

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



#42

1-Chlorobutane

Concen: 9.727 ug/l

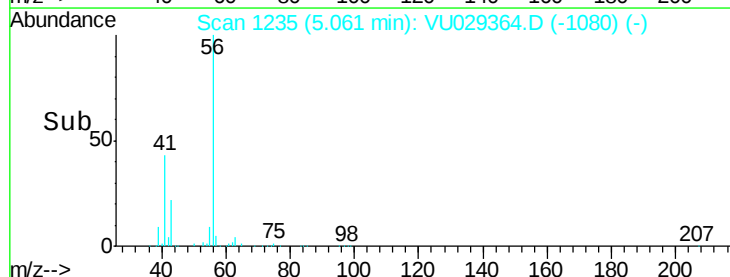
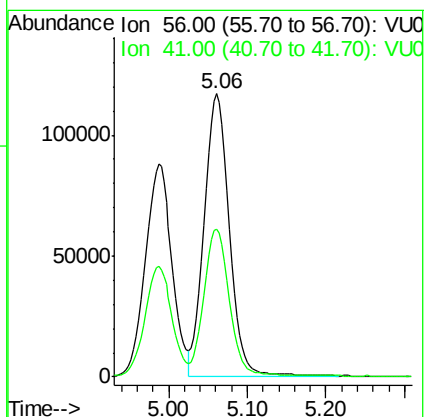
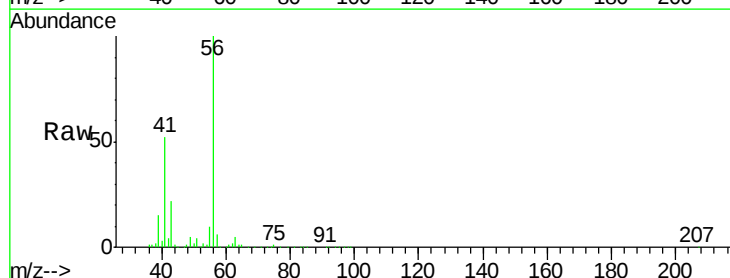
RT: 5.06 min Scan# 1235

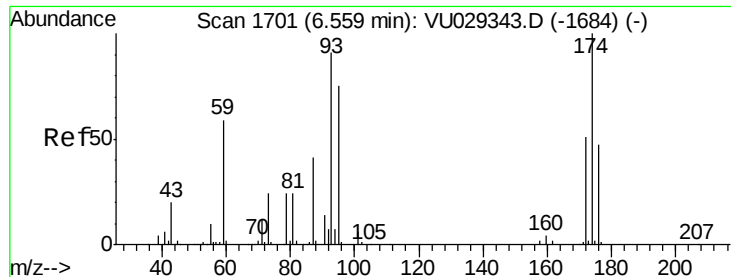
Delta R.T. -0.00 min

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





#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

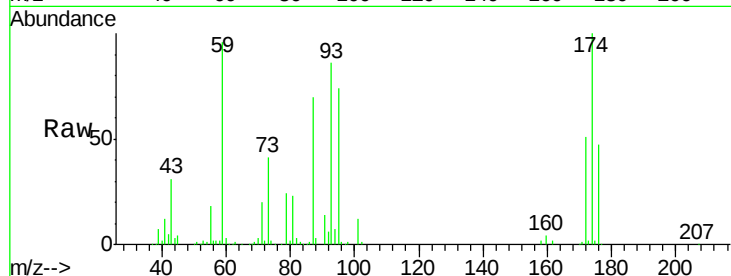
Tot Ion: 93 Resp: 76279

Ion	Ratio	Lower	Upper
93	100		
95	84.1	68.2	102.2
174	113.5	77.6	116.4

93 100

95 84.1 68.2 102.2

174 113.5 77.6 116.4

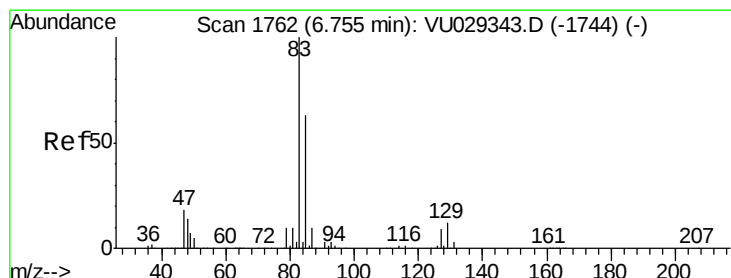
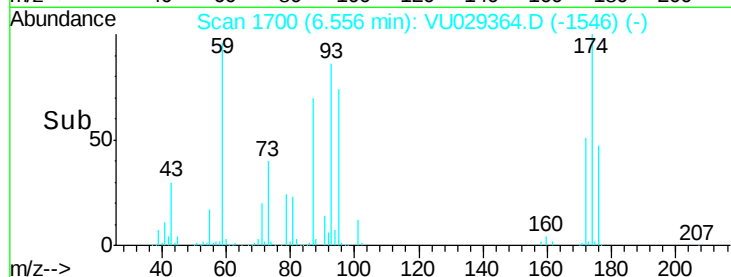
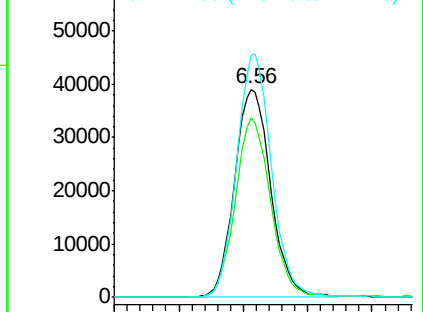


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#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

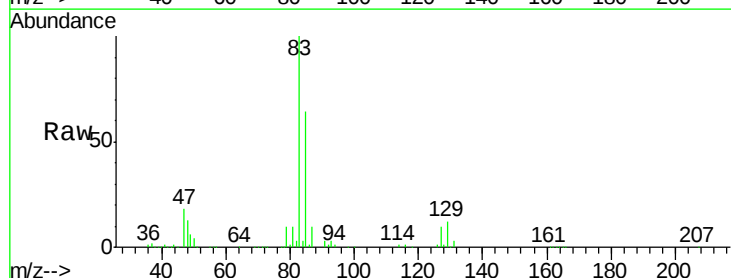
Tgt Ion: 83 Resp: 195666

Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.2	73.8
127	9.6	7.0	10.6

83 100

85 63.8 49.2 73.8

127 9.6 7.0 10.6

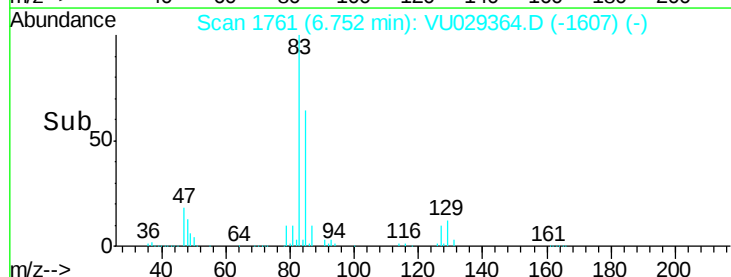
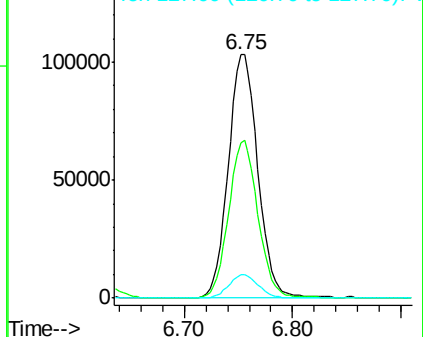


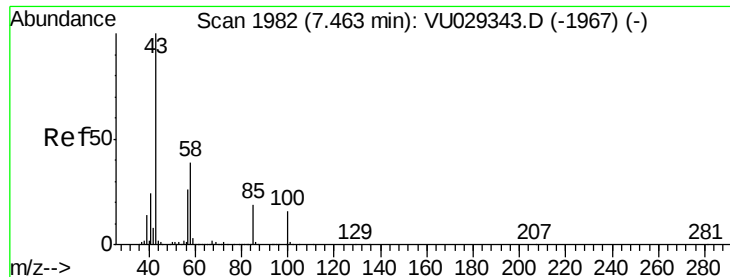
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

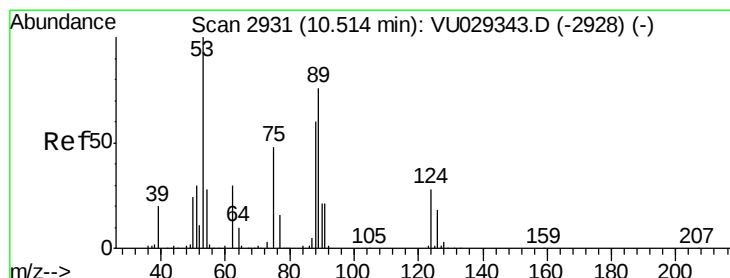
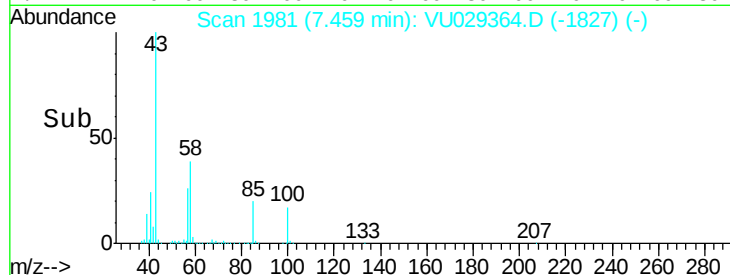
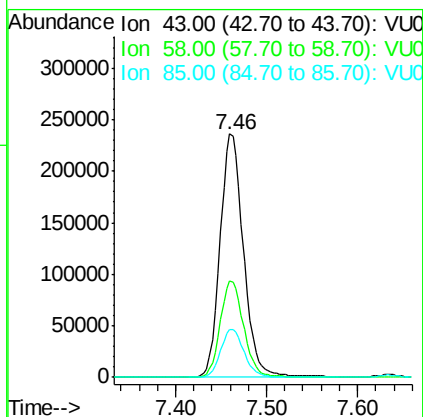
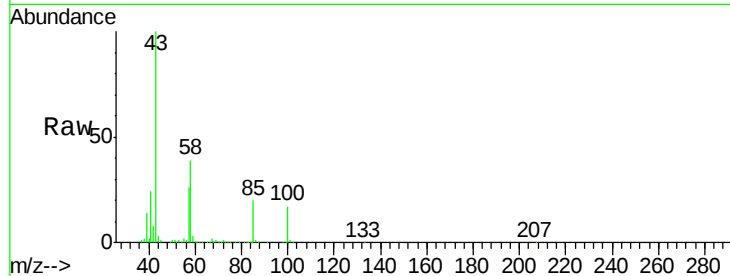
Ion 127.00 (126.70 to 127.70): V





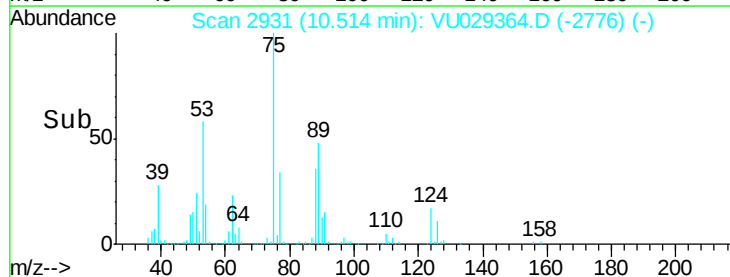
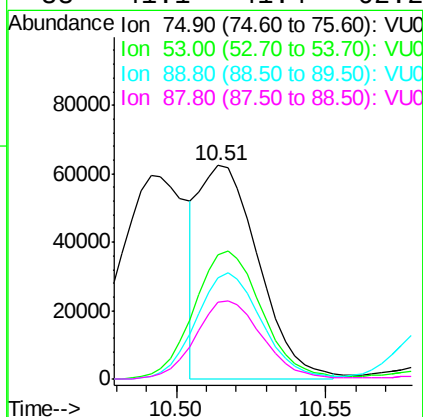
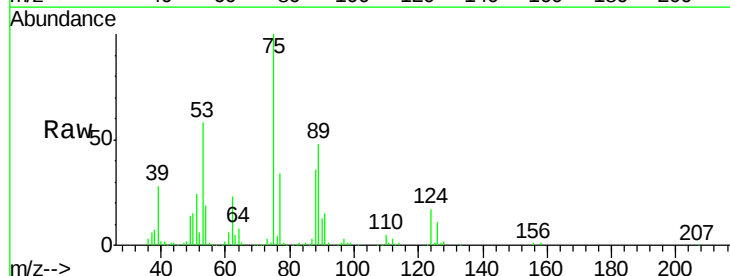
#45
4-Methyl-2-Pentanone
Concen: 47.580 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

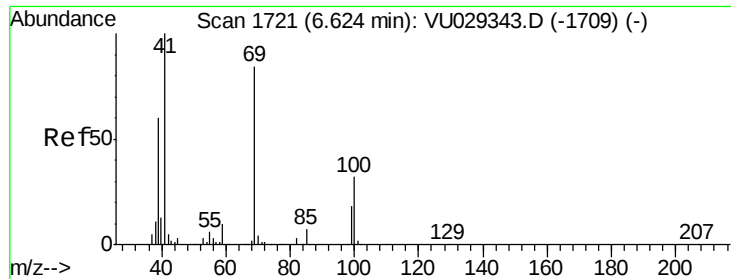
Tot Ion: 43 Resp: 420702
Ion Ratio Lower Upper
43 100
58 40.1 17.6 52.8
85 20.0 12.3 18.5#



#46
t-1,4-Dichloro-2-butene
Concen: 20.142 ug/l m
RT: 10.51 min Scan# 2931
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

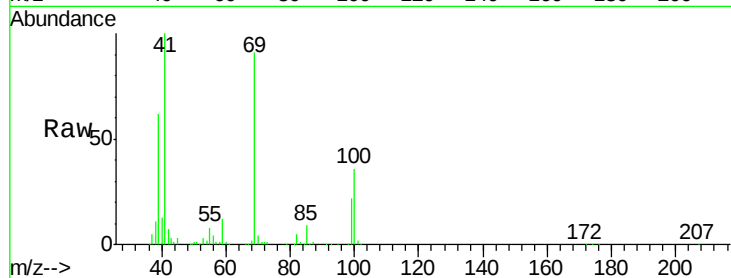
Tgt Ion: 75 Resp: 86767
Ion Ratio Lower Upper
75 100
53 68.8 78.2 117.4#
89 54.9 44.2 66.4
88 41.1 41.4 62.2#



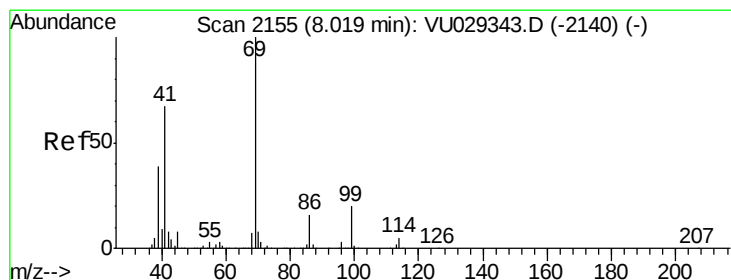
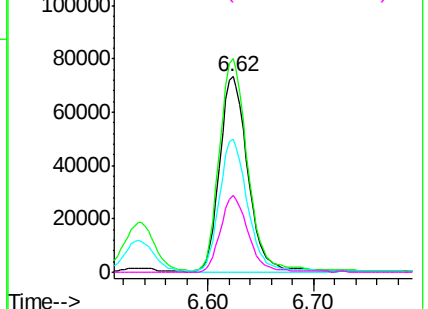
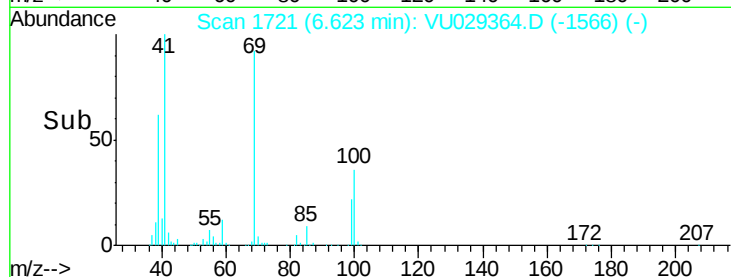


#47
Methvl methacrylate
Concen: 20.449 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tot 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

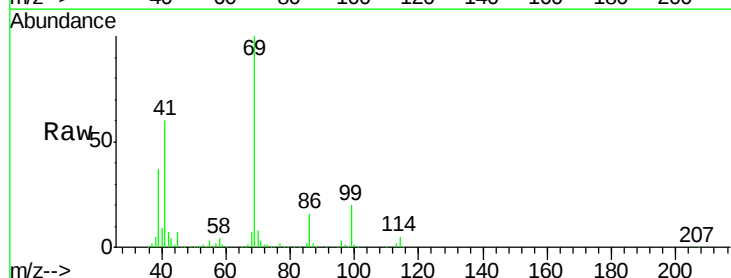


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

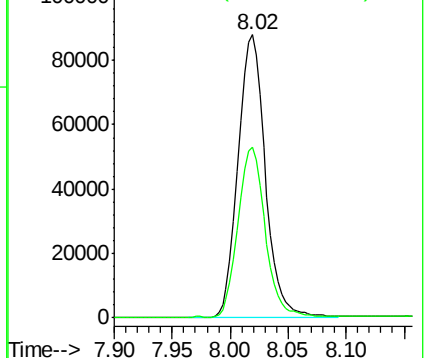
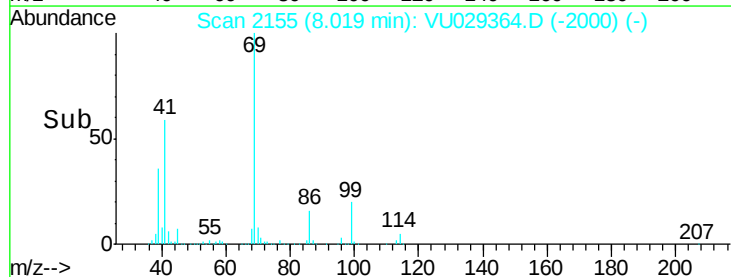


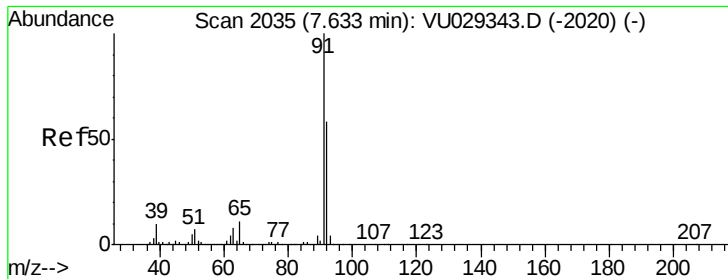
#48
Ethyl methacrylate
Concen: 10.094 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.403 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029364.D

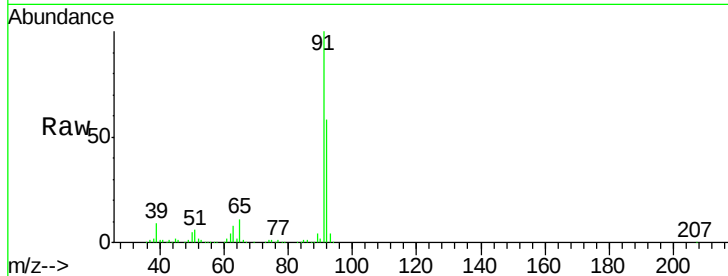
Acq: 07 Feb 2019 09:54

Tot Ion: 92 Resp: 362203

Ion Ratio Lower Upper

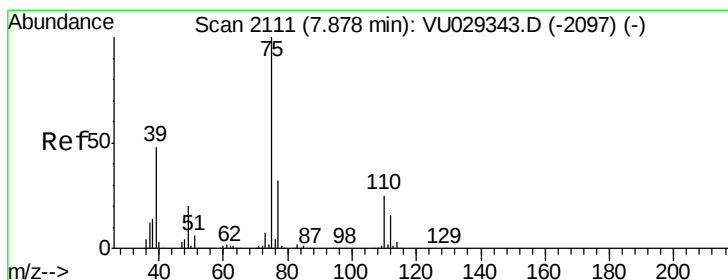
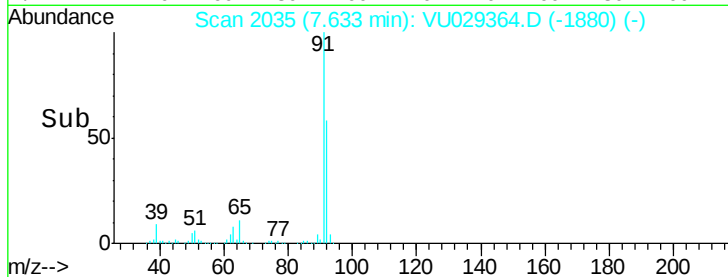
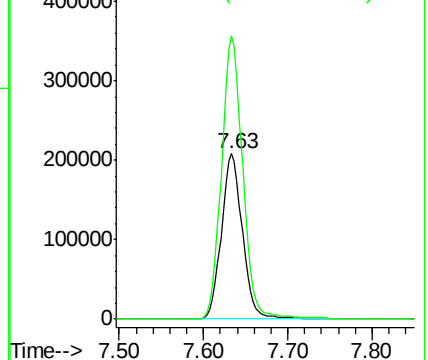
92 100

91 173.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 9.919 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029364.D

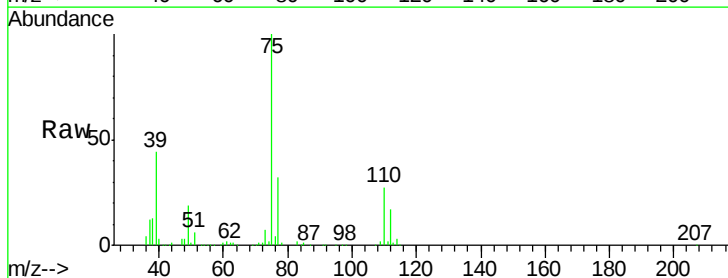
Acq: 07 Feb 2019 09:54

Tgt Ion: 75 Resp: 186877

Ion Ratio Lower Upper

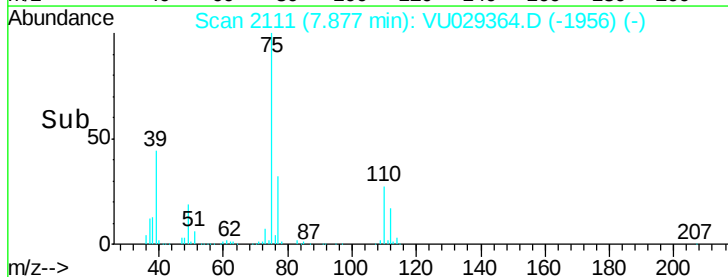
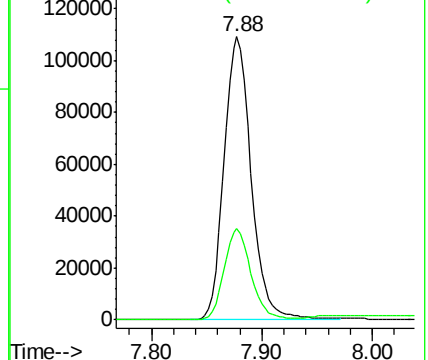
75 100

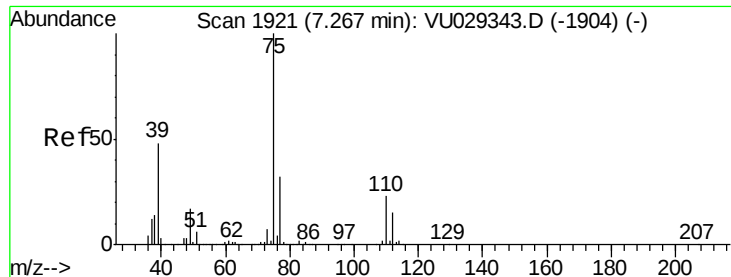
77 32.1 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

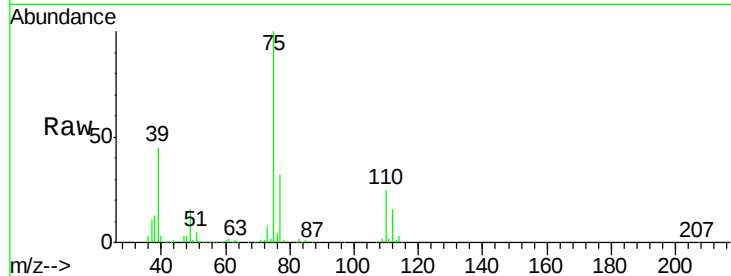




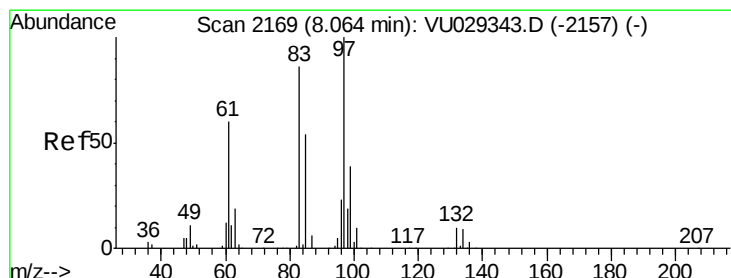
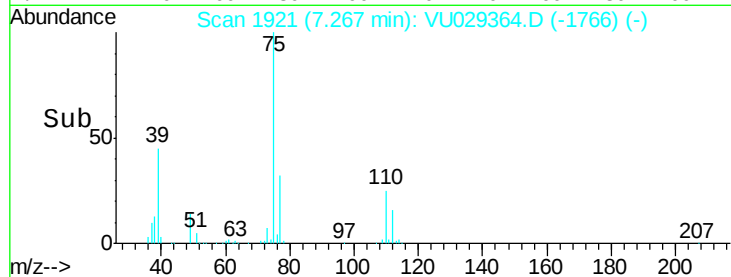
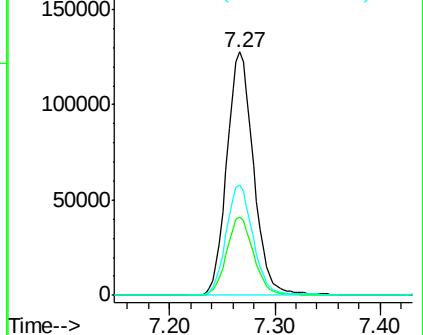
#51

cis-1,3-Dichloropropene
Concen: 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

Tot Ion	75	Resp	224490
Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.9	37.3
39	44.9	47.2	70.8#



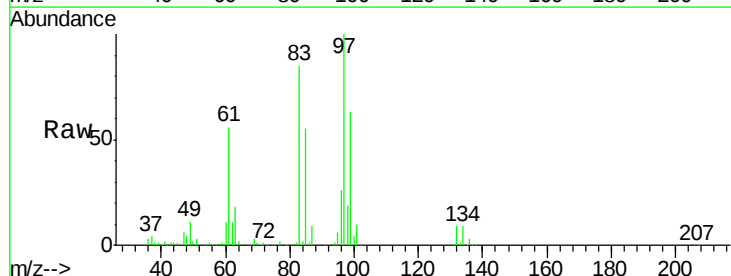
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



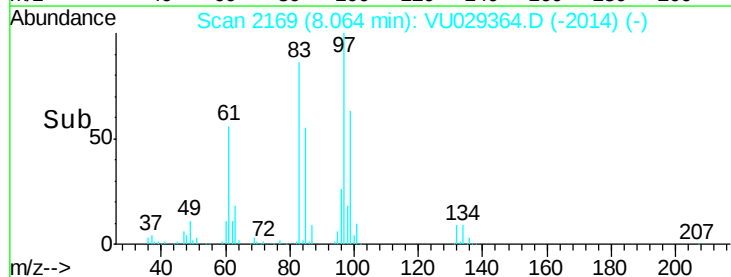
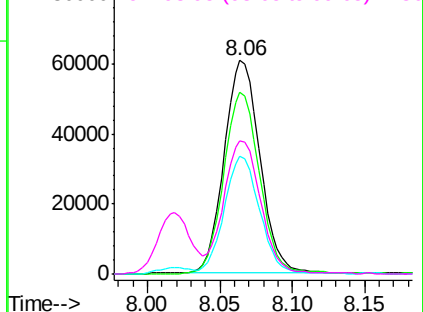
#52

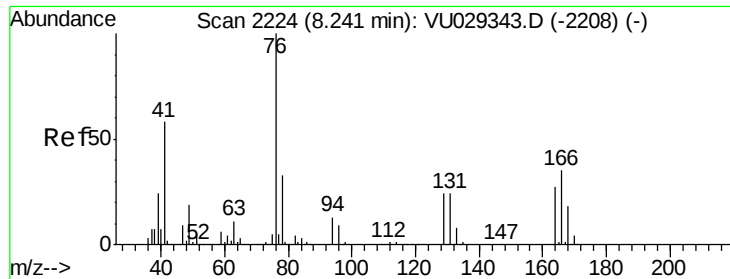
1,1,2-Trichloroethane
Concen: 10.339 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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

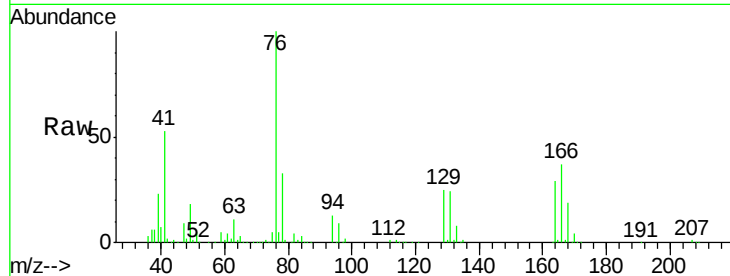
Acq: 07 Feb 2019 09:54

Tot Ion: 76 Resp: 177769

Ion Ratio Lower Upper

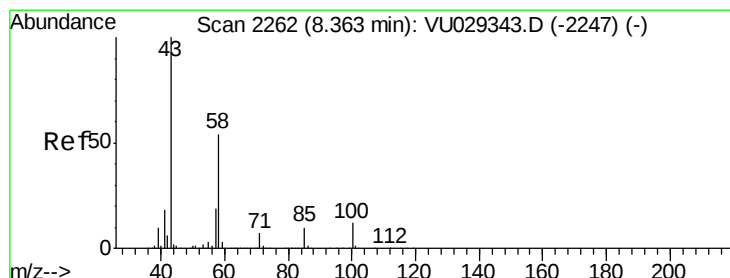
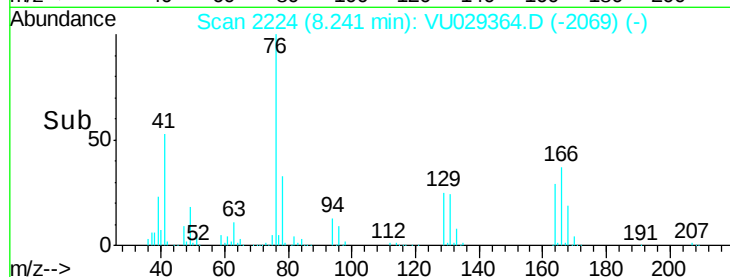
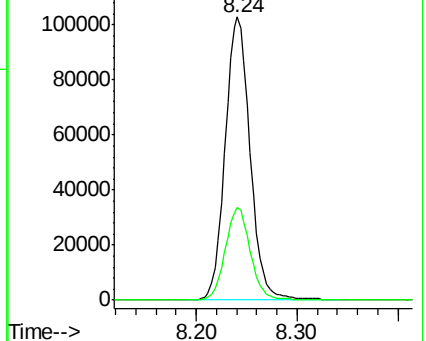
76 100

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

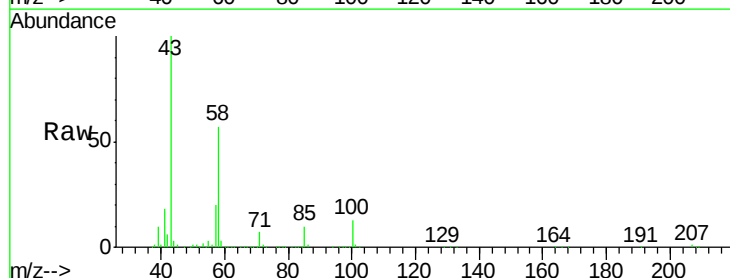
Tgt Ion: 43 Resp: 297696

Ion Ratio Lower Upper

43 100

58 56.8 26.0 66.0

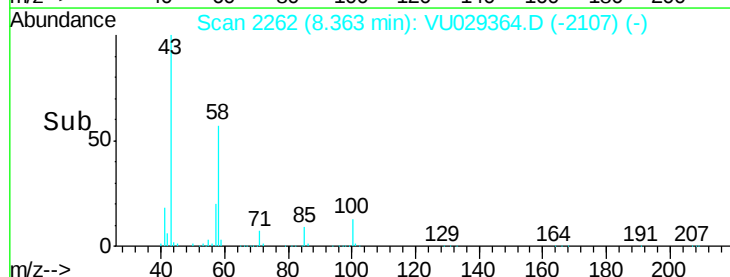
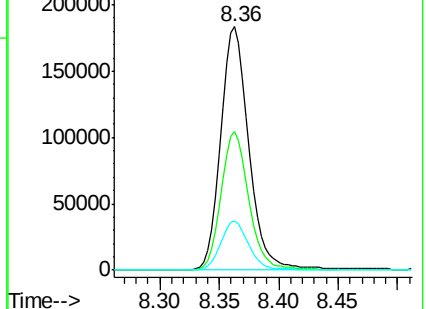
57 20.2 0.0 37.7

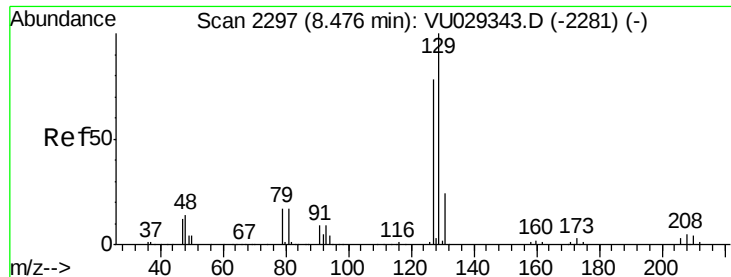


Abundance Ion 43.00 (42.70 to 43.70): VU0

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

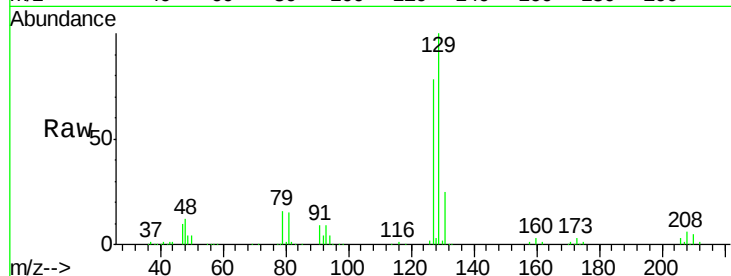
Acq: 07 Feb 2019 09:54

Tot Ion:129 Resp: 150732

Ion Ratio Lower Upper

129 100

127 76.5 60.5 90.7

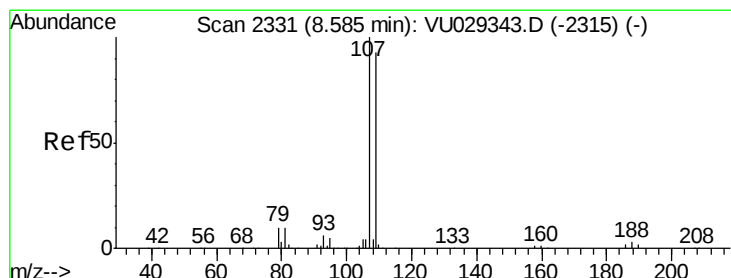
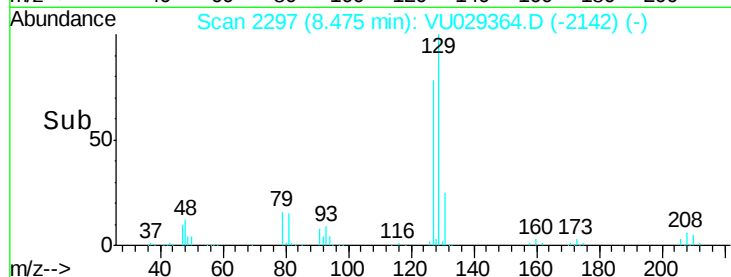


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.48

Time-->



#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

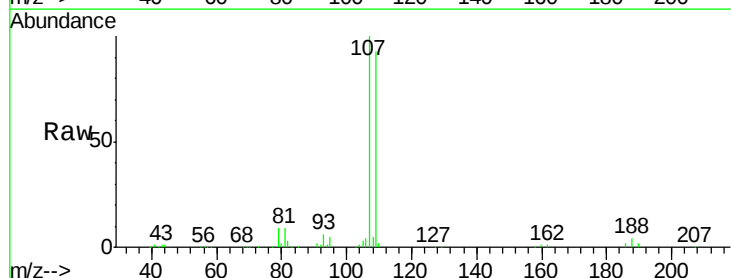
Acq: 07 Feb 2019 09:54

Tgt Ion:107 Resp: 105345

Ion Ratio Lower Upper

107 100

109 94.6 0.0 189.6

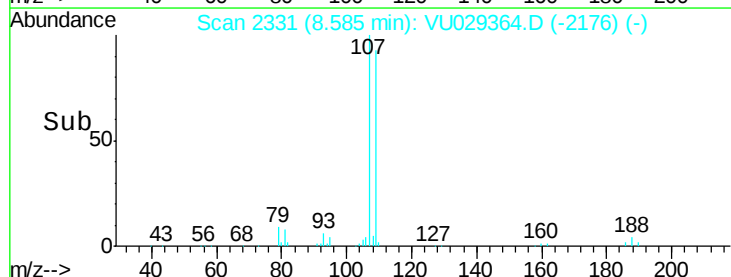


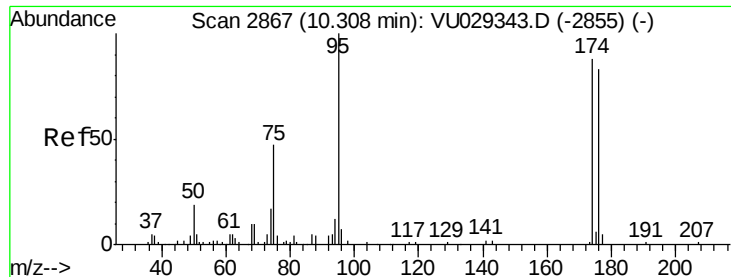
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.58

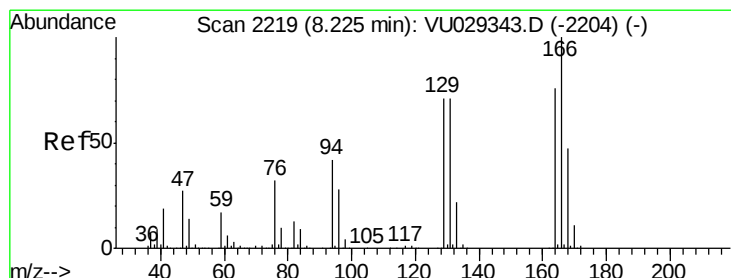
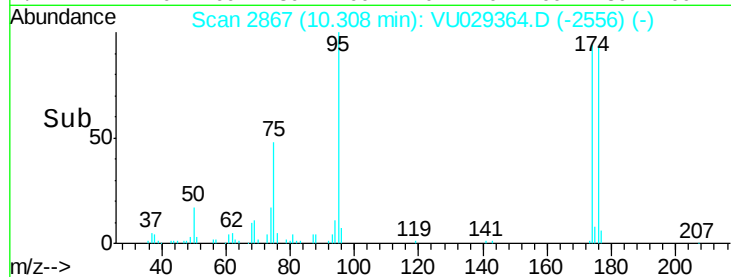
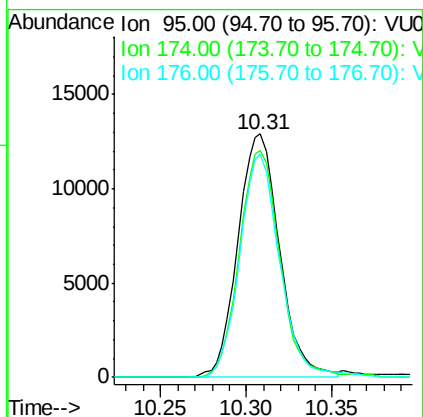
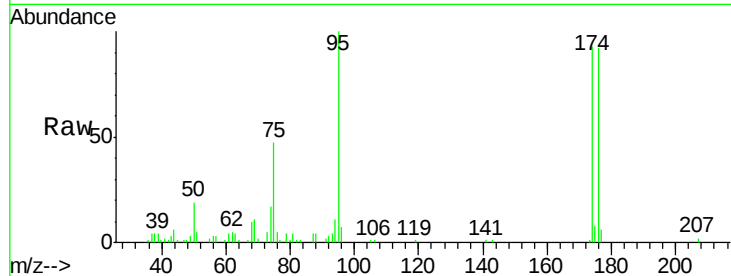
Time-->





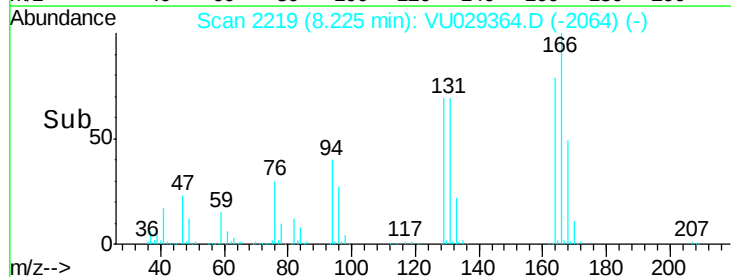
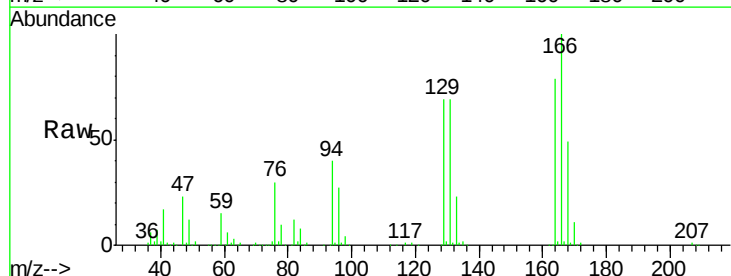
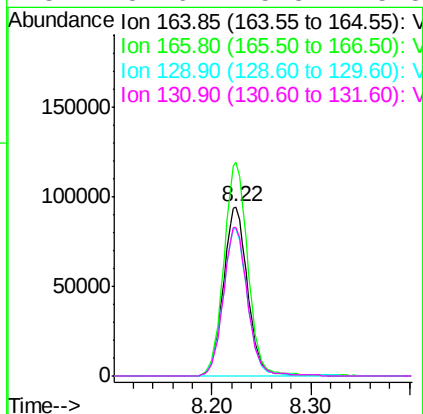
#57
4-Bromofluorobenzene
Concen: 10.282 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

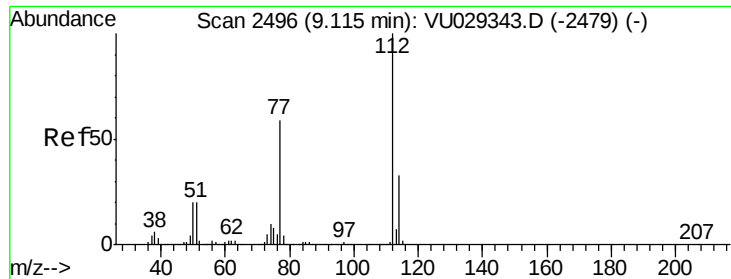
Tot Ion	95	Resp	21700
Ion Ratio	100		
Lower			
Upper			
95	100		
174	90.7	64.2	96.2
176	88.4	62.3	93.5



#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 <td>100</td> <td></td> <td></td>	100		
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





#59

Chlorobenzene

Concen: 10.661 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029364.D

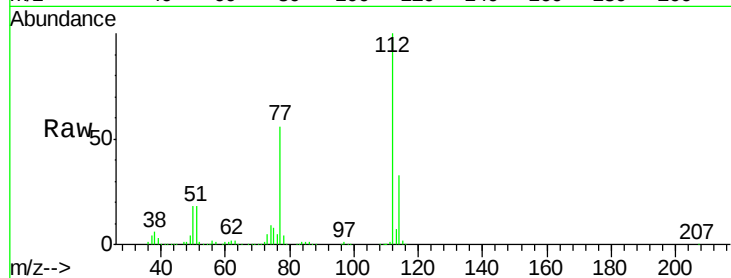
Acq: 07 Feb 2019 09:54

Tot 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

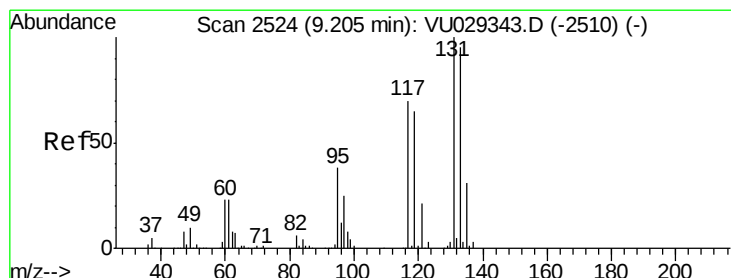
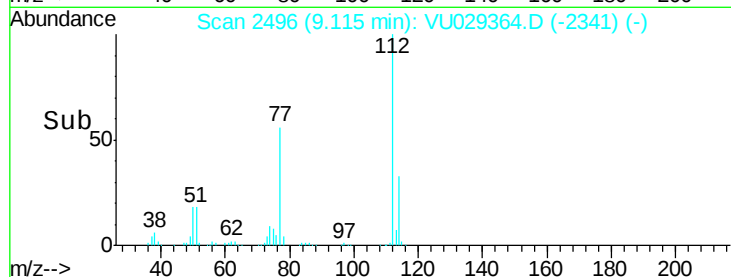
0

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

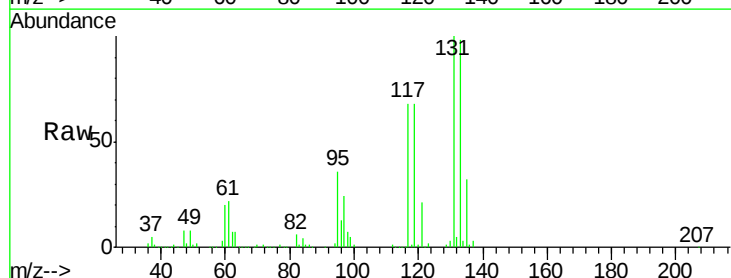
Tgt Ion:131 Resp: 156467

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

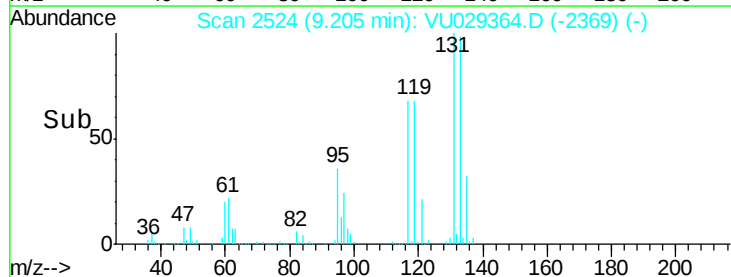
9.15

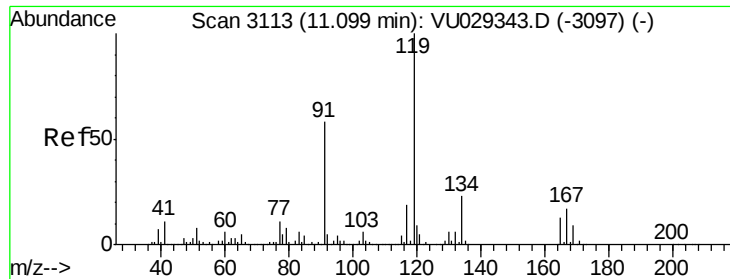
9.20

9.25

9.30

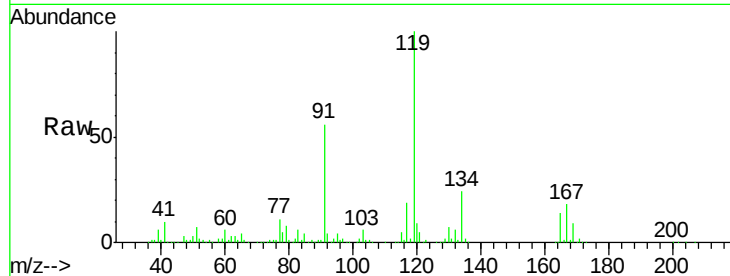
Time-->



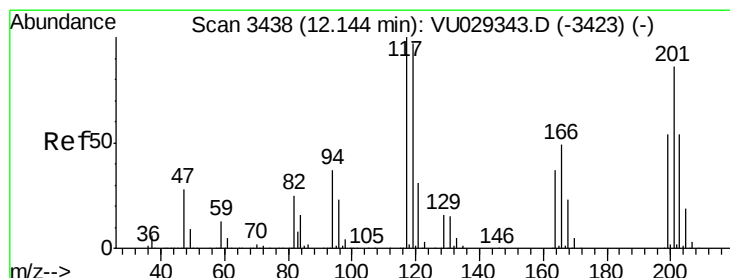
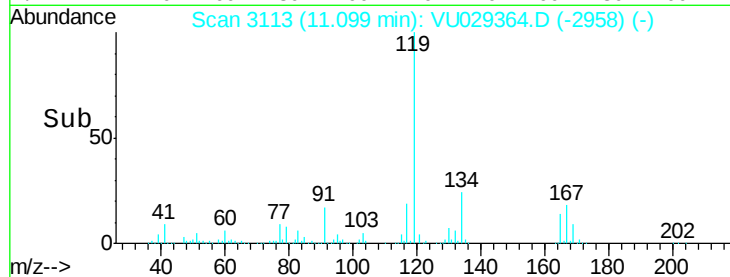
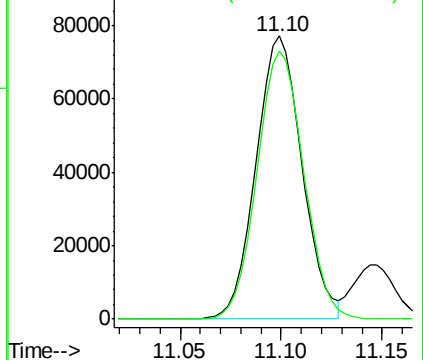


#61
 Pentachloroethane
 Concen: 10.935 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

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

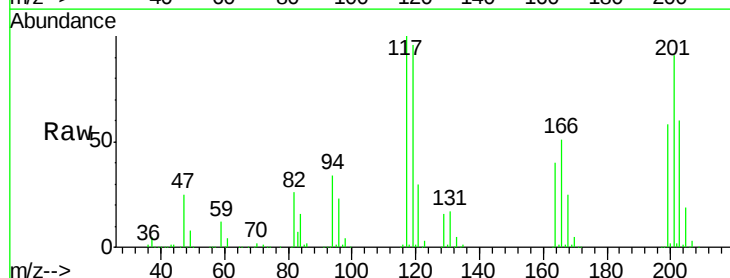


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

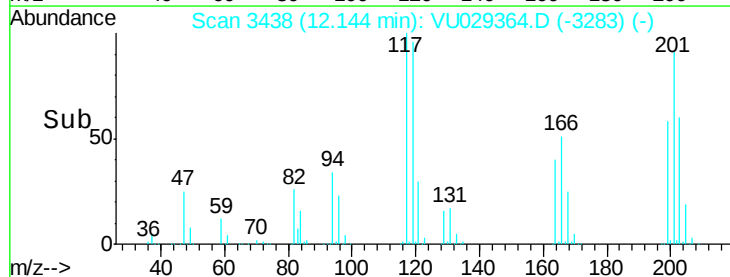
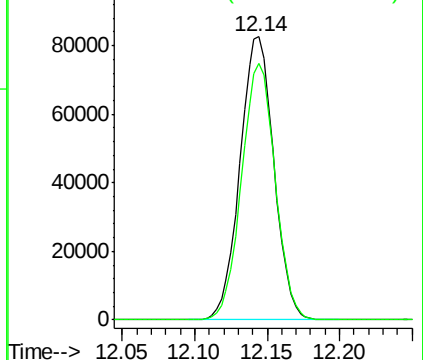


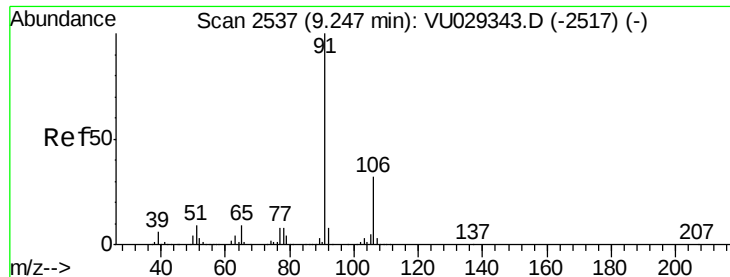
#62
 Hexachloroethane
 Concen: 10.944 ug/l
 RT: 12.14 min Scan# 3438
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

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



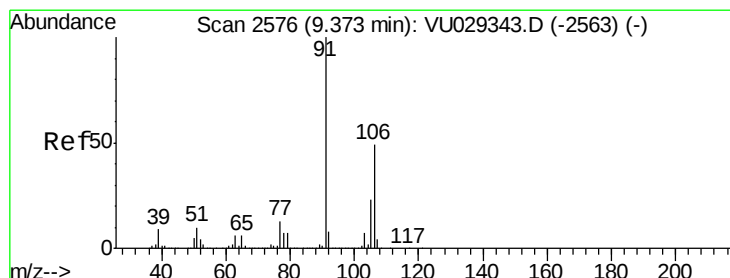
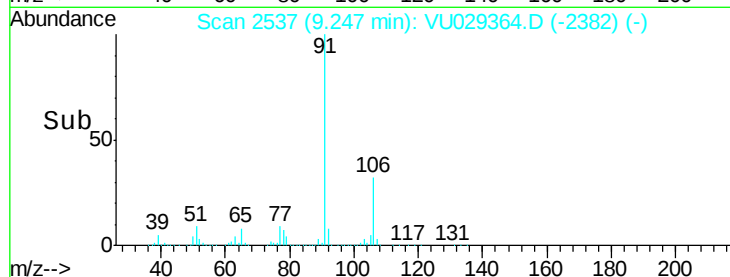
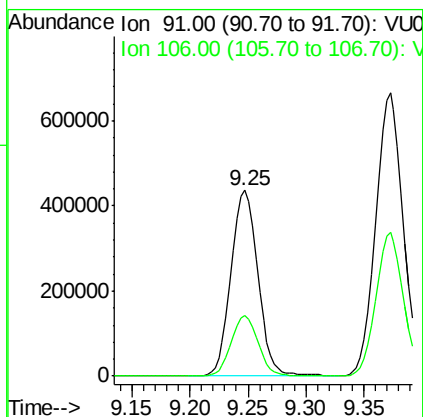
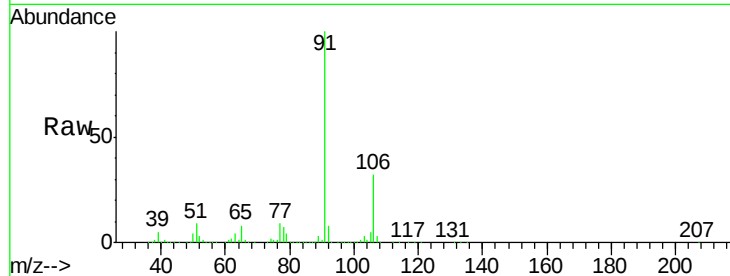
Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V





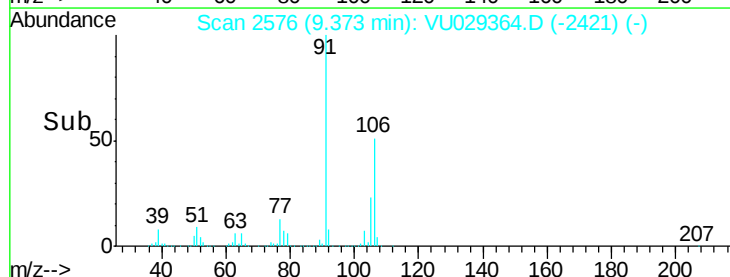
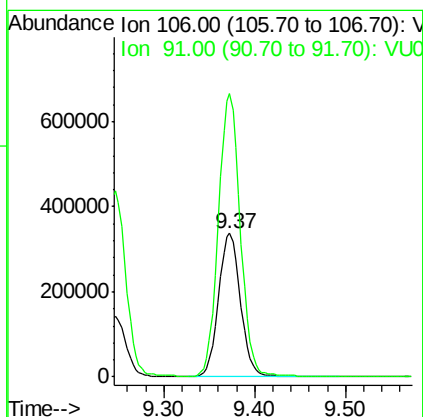
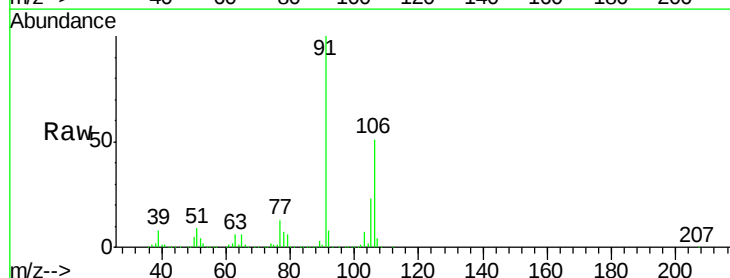
#63
Ethyl Benzene
Concen: 10.333 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

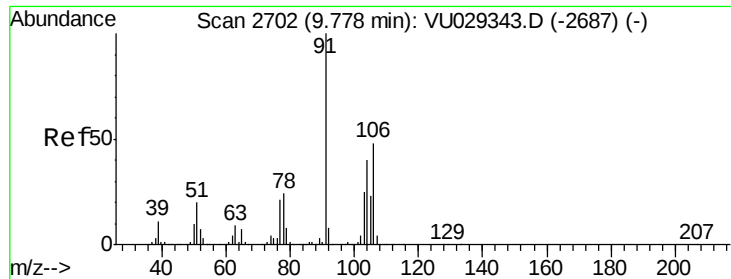
Tot Ion: 91 Resp: 703839
Ion Ratio Lower Upper
91 100
106 32.4 23.8 35.6



#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

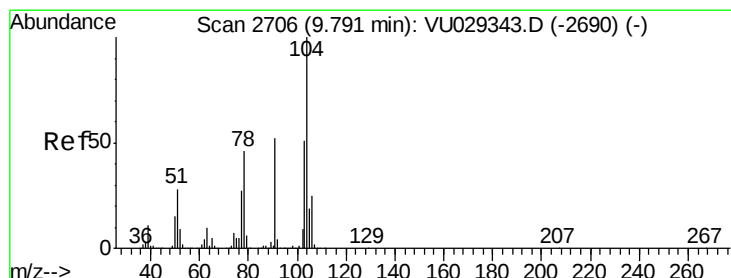
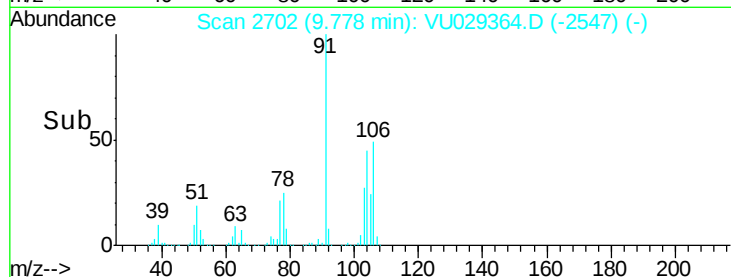
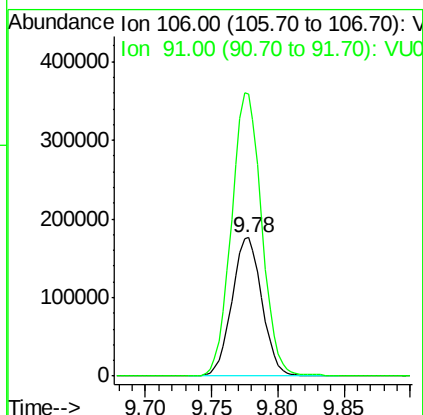
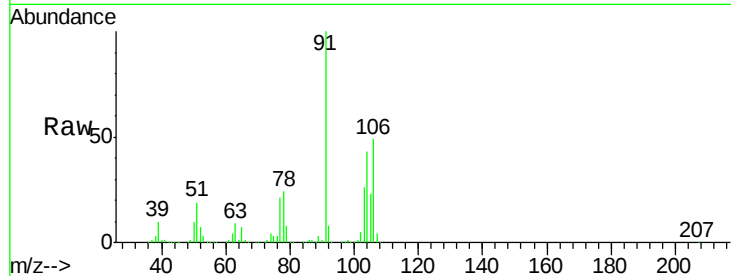
Tgt Ion: 106 Resp: 563628
Ion Ratio Lower Upper
106 100
91 196.8 174.6 261.8





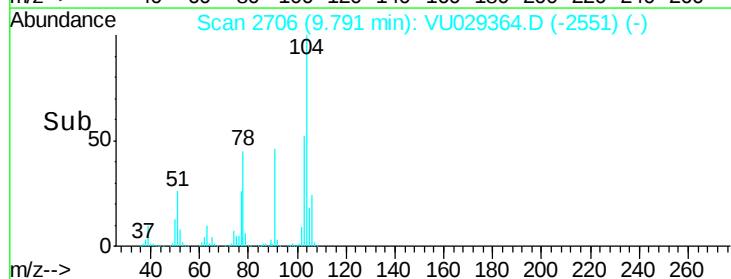
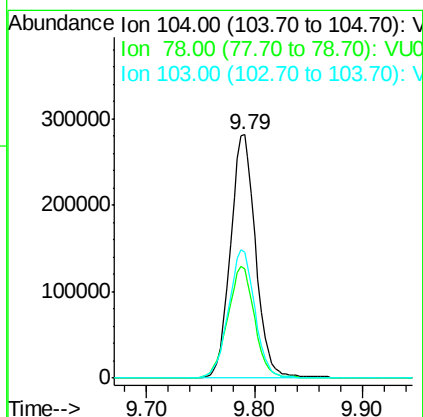
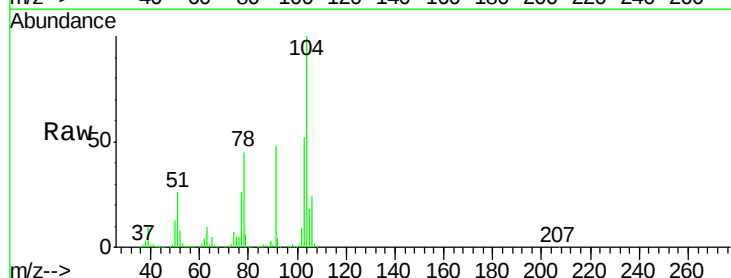
#65
o-Xylene
Concen: 10.669 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

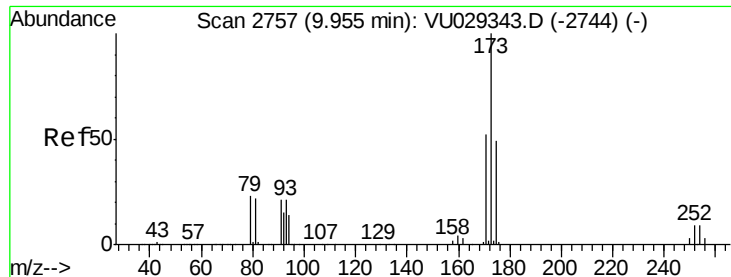
Tot Ion:106 Resp: 277217
Ion Ratio Lower Upper
106 100
91 205.7 114.5 343.4



#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

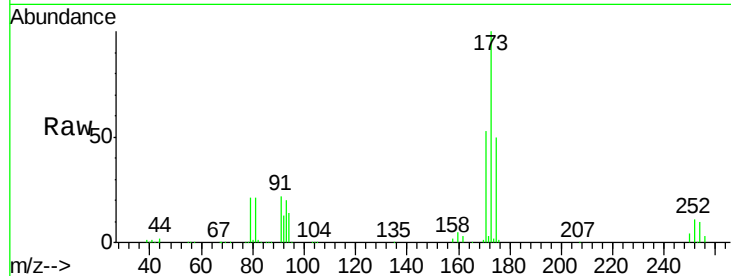
Tgt Ion:104 Resp: 460244
Ion Ratio Lower Upper
104 100
78 49.1 46.5 69.7
103 55.4 44.7 67.1



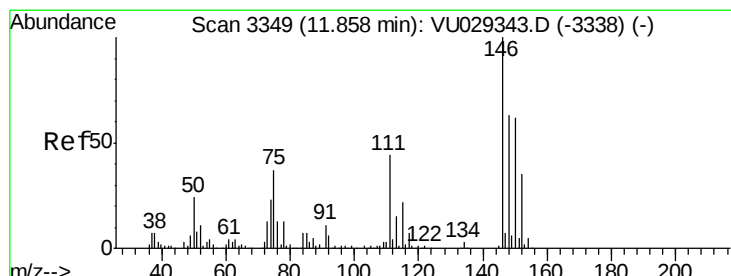
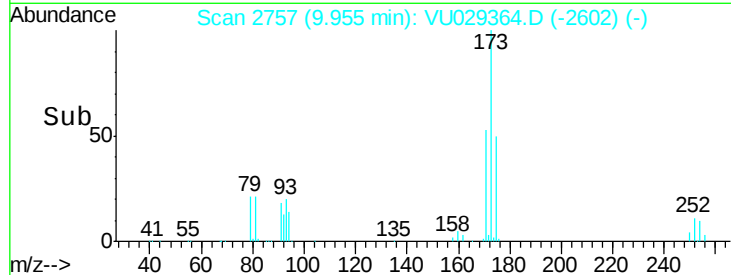
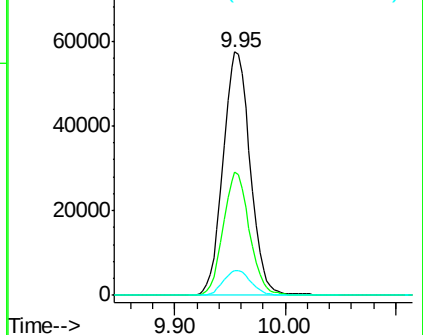


#67
Bromoform
Concen: 11.108 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tot Ion:173 Resp: 98084
Ion Ratio Lower Upper
173 100
175 48.7 38.9 58.3
254 10.3 7.4 11.2

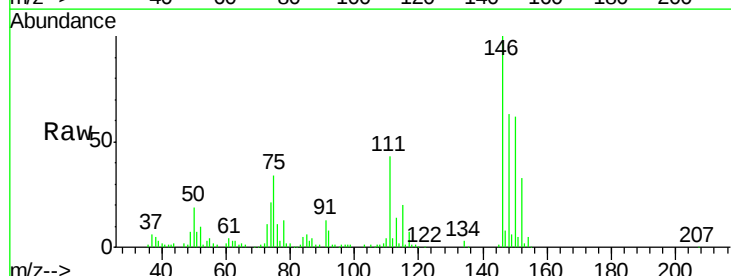


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

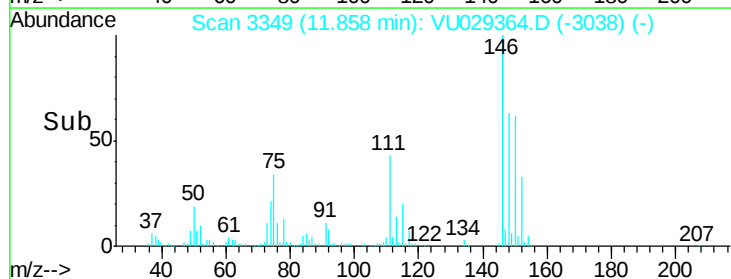
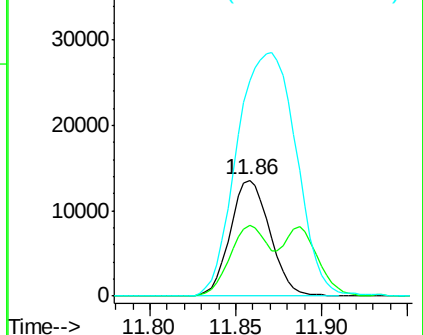


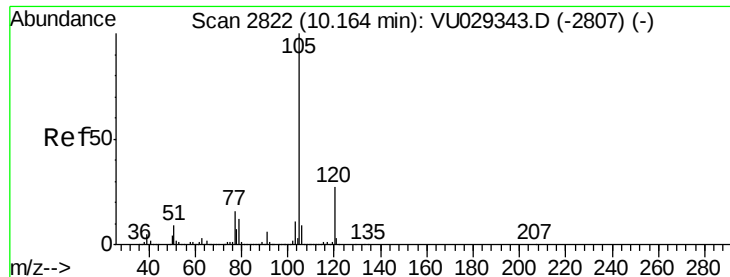
#68
1,2-Dichlorobenzene-d4
Concen: 11.108 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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

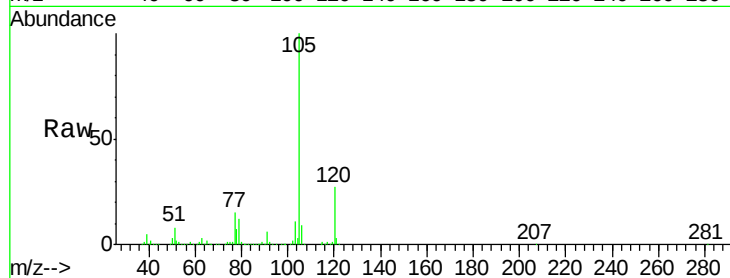
Acq: 07 Feb 2019 09:54

Tot Ion: 105 Resp: 736442

Ion Ratio Lower Upper

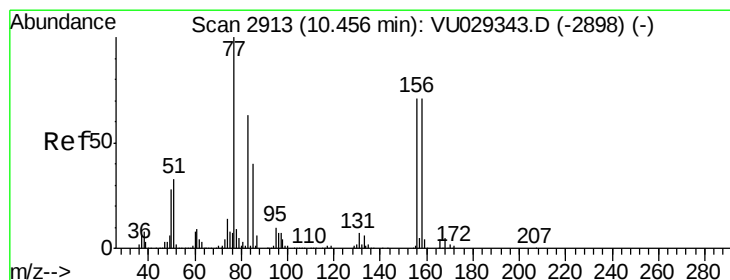
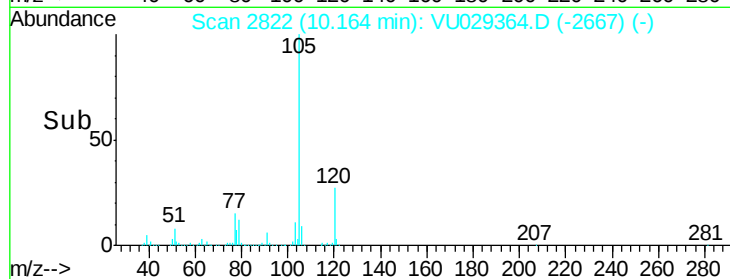
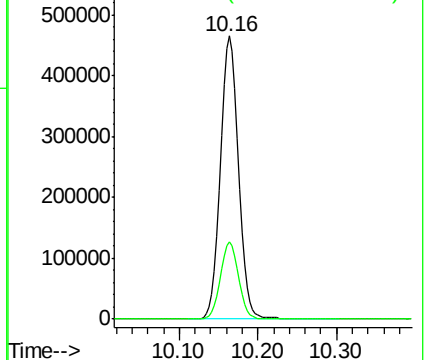
105 100

120 27.3 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

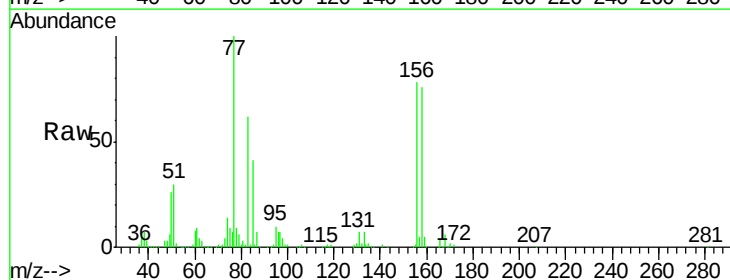
Tgt Ion: 83 Resp: 130497

Ion Ratio Lower Upper

83 100

131 11.5 8.1 12.1

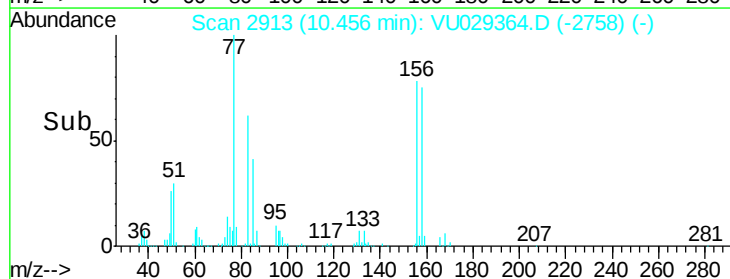
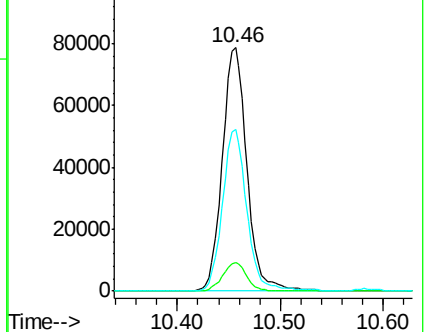
85 66.0 50.3 75.5

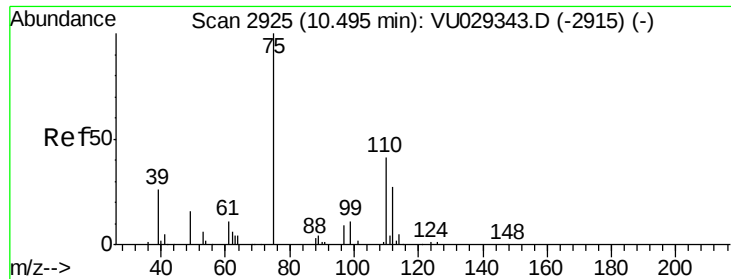


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

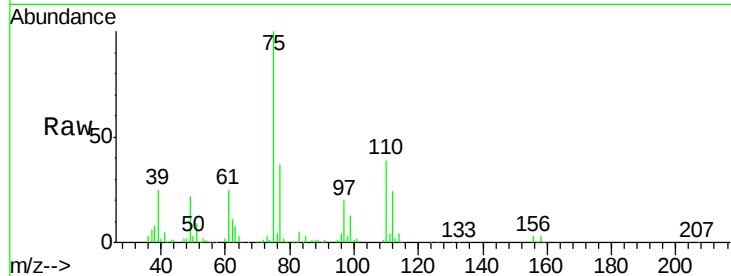




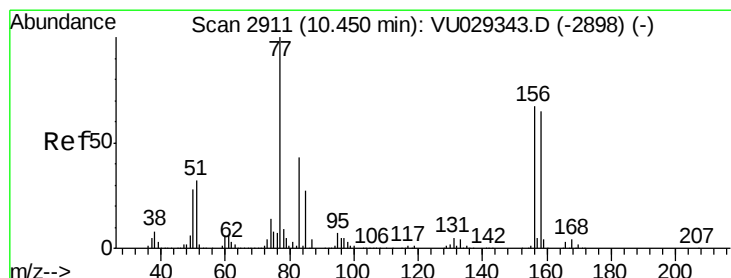
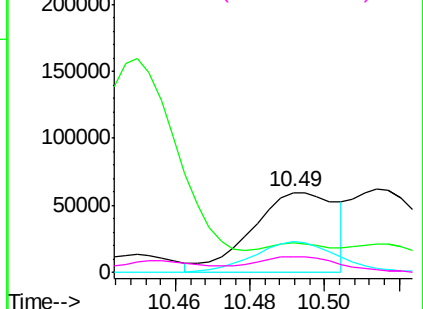
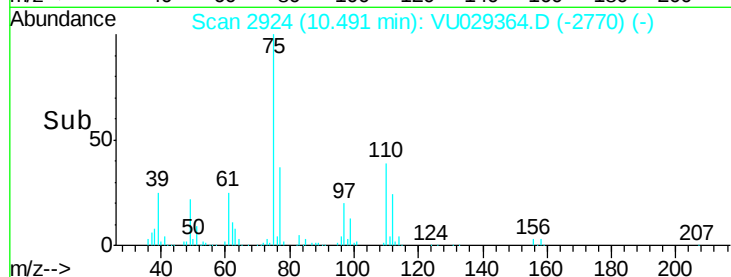
#71

1,2,3-Trichloropropane
Concen: 10.722 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

Tot Ion:	75	Resp:	94236
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	38.5	0.0	63.6
97	20.2	0.0	31.4



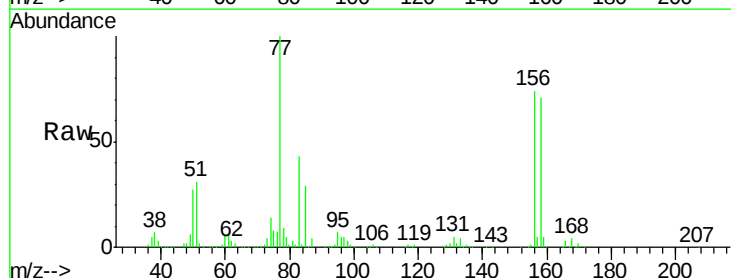
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0



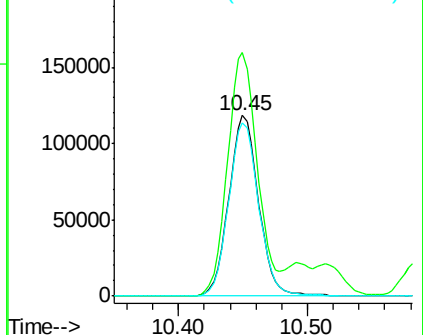
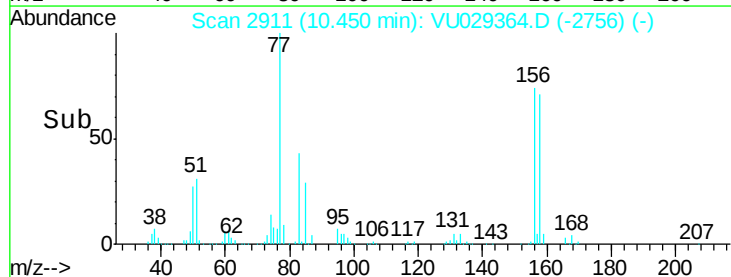
#72

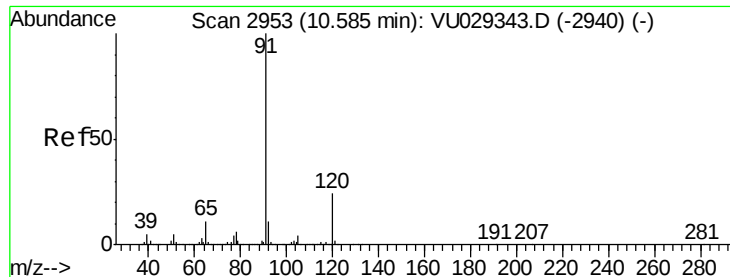
Bromobenzene
Concen: 11.256 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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



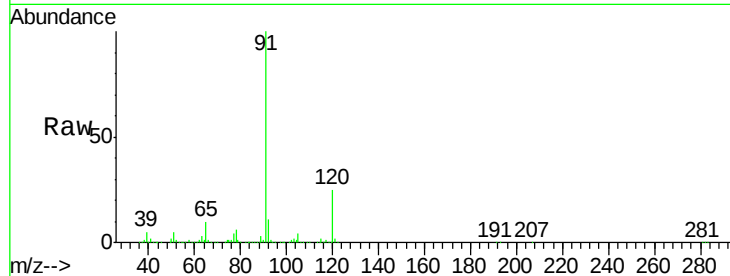
Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 158.00 (157.70 to 158.70): V



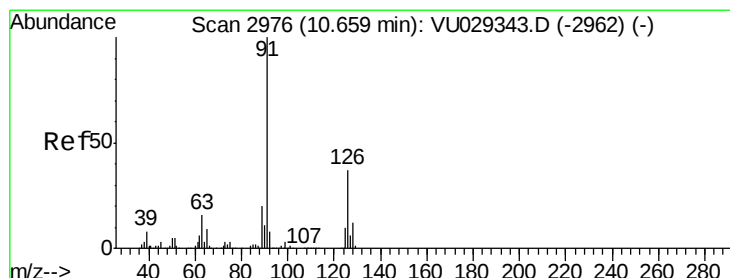
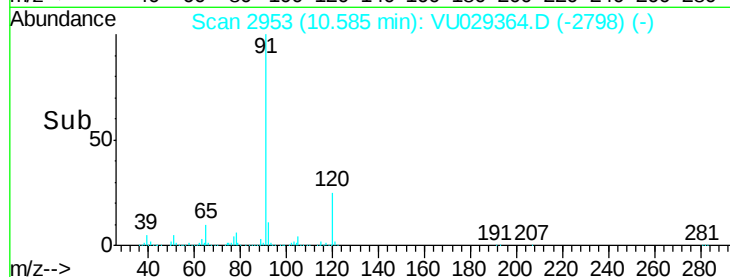
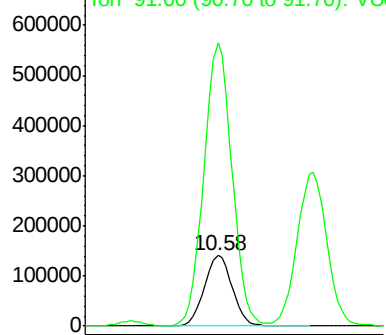


#73
n-propylbenzene
Concen: 11.046 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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

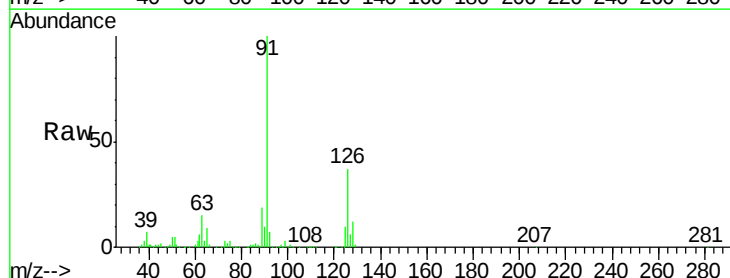


Abundance Ion 120.00 (119.70 to 120.70): V
Ion 91.00 (90.70 to 91.70): VU0

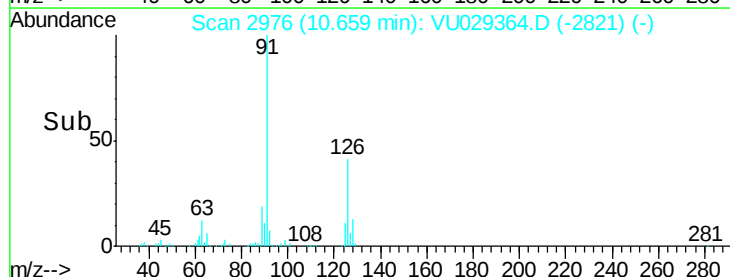
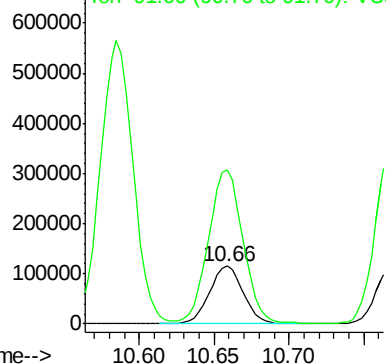


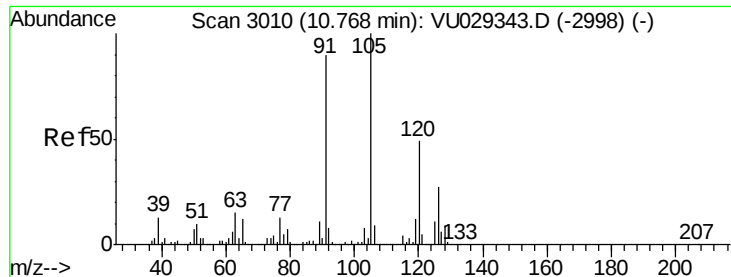
#74
2-Chlorotoluene
Concen: 11.018 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. -0.00 min
Lab File: VU029364.D
Acq: 07 Feb 2019 09:54

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



Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): VU0

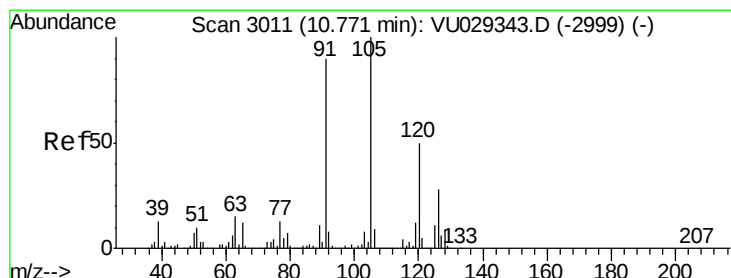
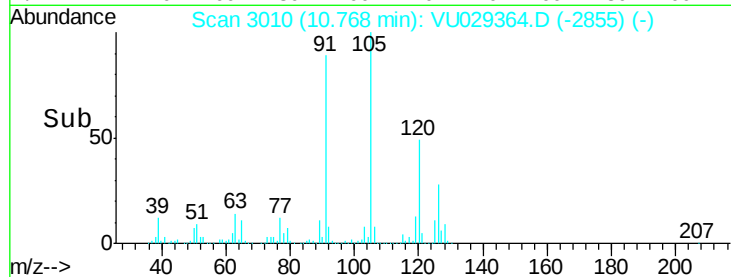
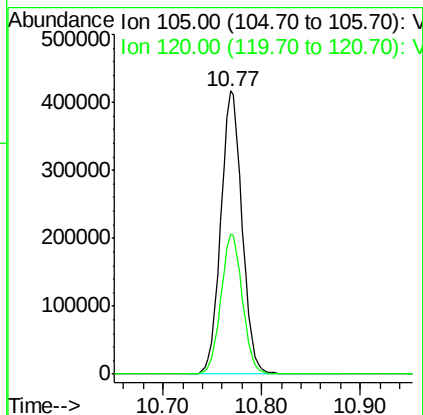
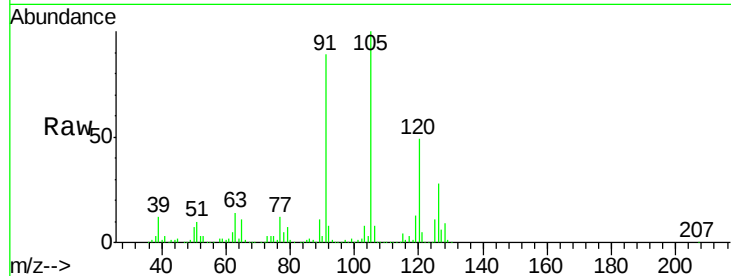




#75

1,3,5-Trimethylbenzene
Concen: 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

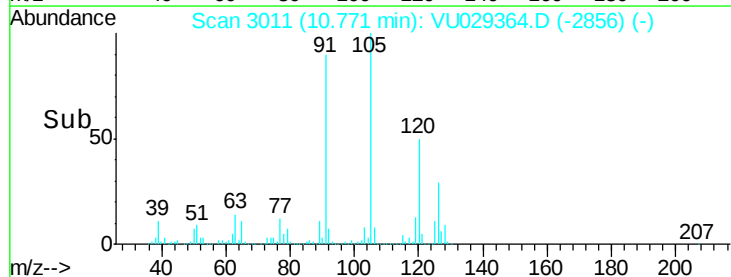
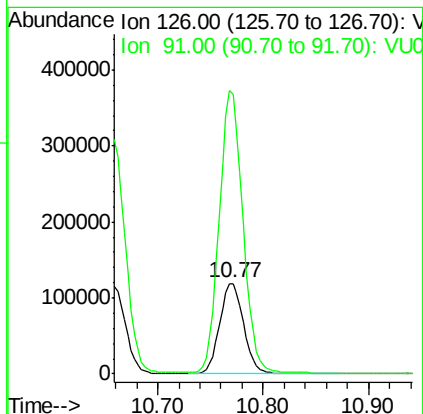
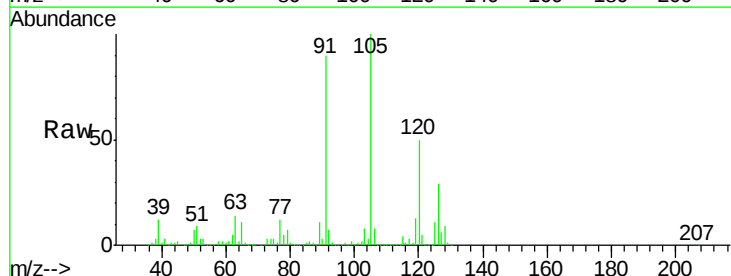
Tot Ion:105 Resp: 631640
Ion Ratio Lower Upper
105 100
120 50.1 37.3 55.9

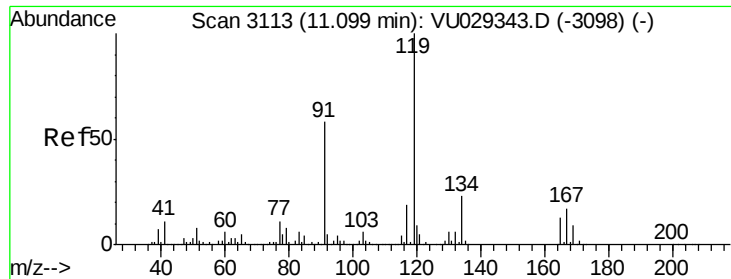


#76

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

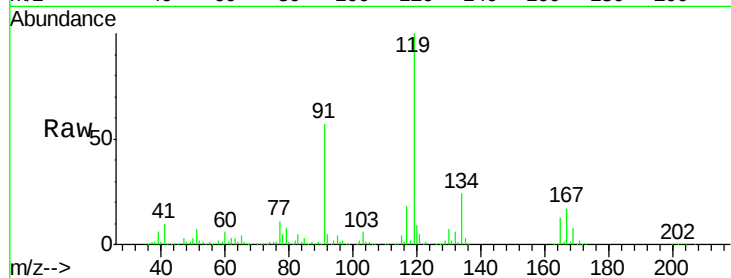
Tot Ion:119 Resp: 636737

Ion Ratio Lower Upper

119 100

91 55.9 32.2 96.6

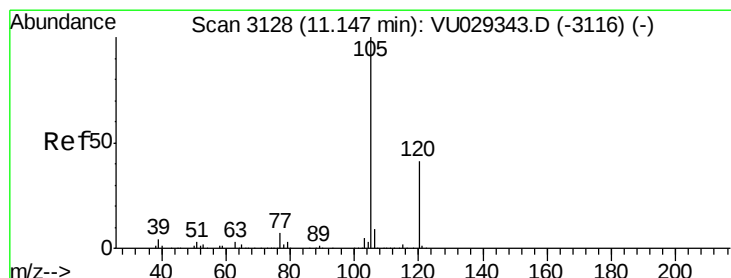
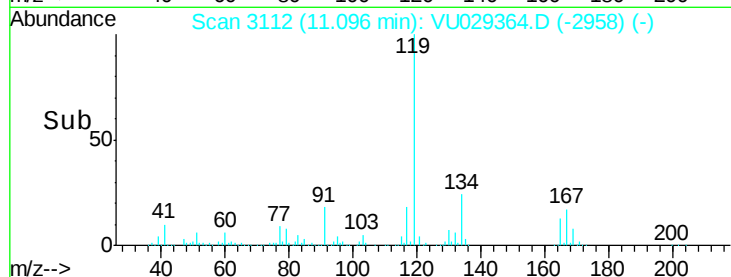
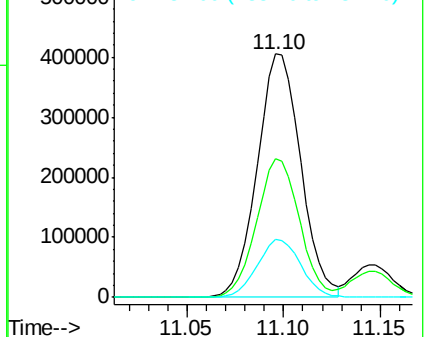
134 23.8 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

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

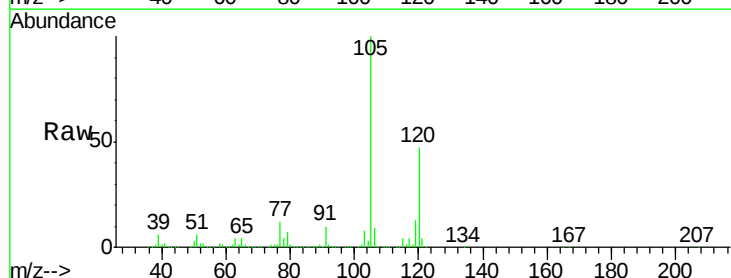
Acq: 07 Feb 2019 09:54

Tgt Ion:105 Resp: 643817

Ion Ratio Lower Upper

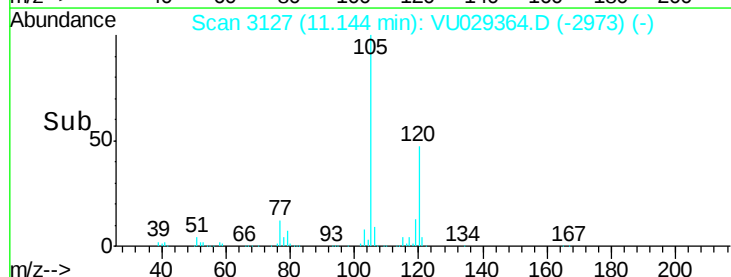
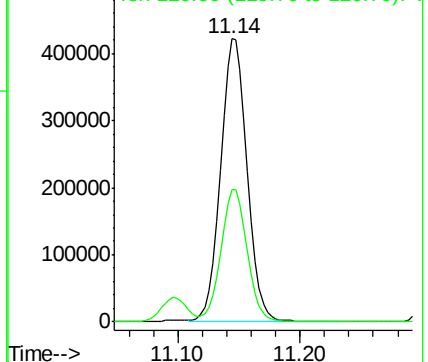
105 100

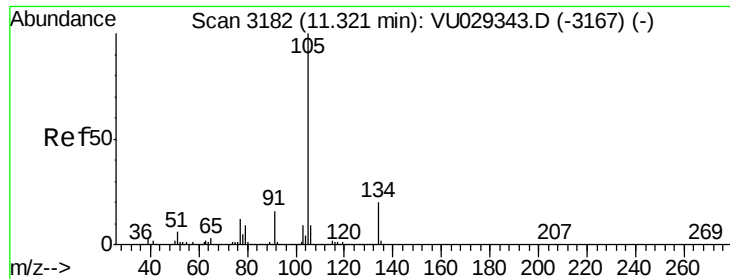
120 46.4 21.4 64.3



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

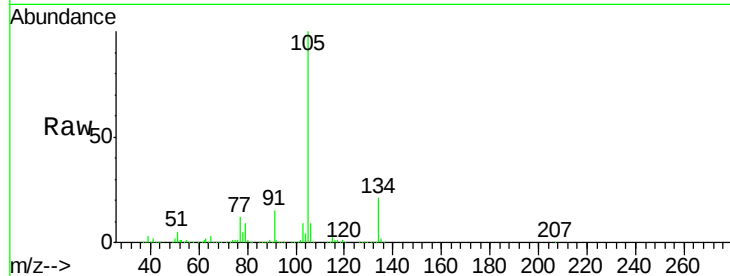
Acq: 07 Feb 2019 09:54

Tot Ion:105 Resp: 820154

Ion Ratio Lower Upper

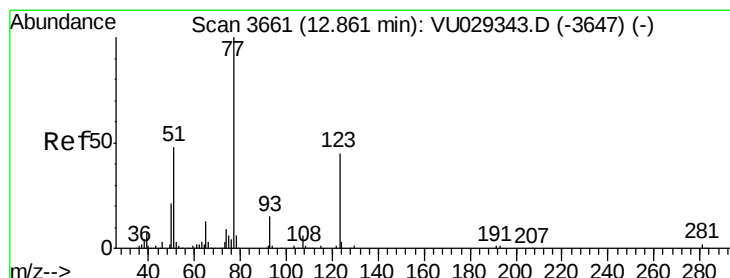
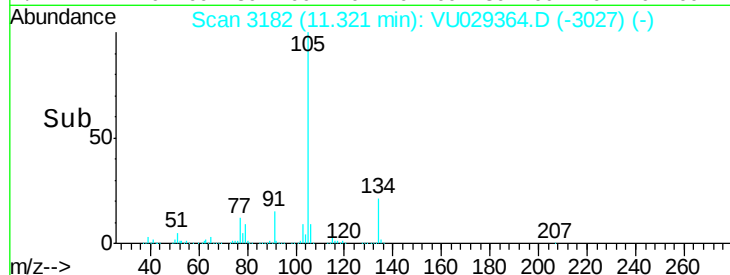
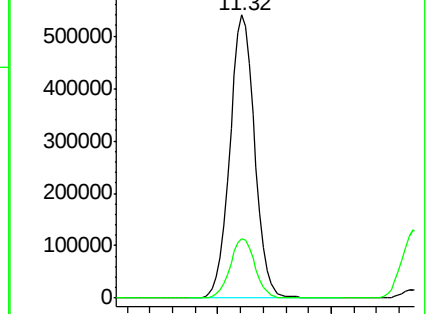
105 100

134 21.2 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 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

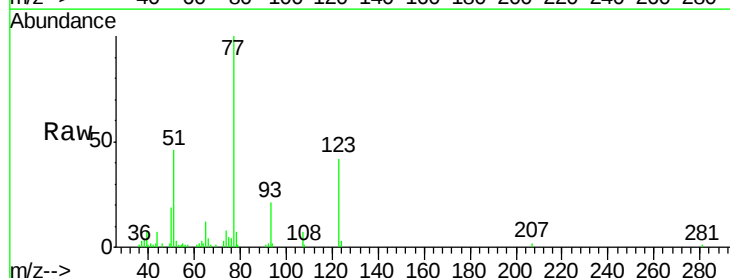
Tgt Ion: 77 Resp: 28743

Ion Ratio Lower Upper

77 100

123 45.7 17.5 61.9

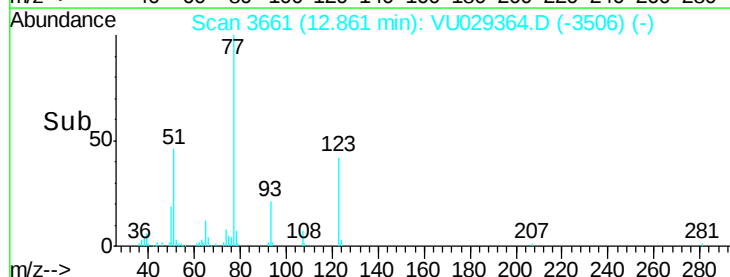
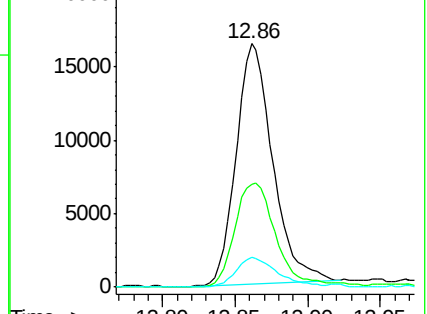
65 12.9 10.8 13.8

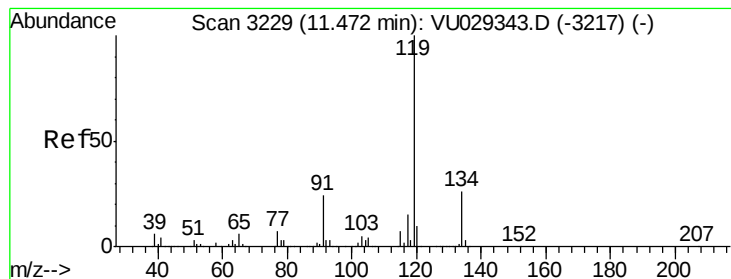


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 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

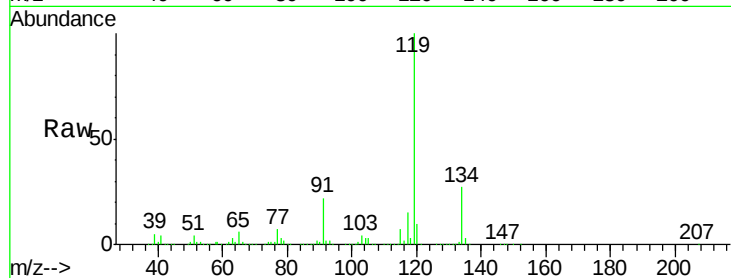
Tot Ion:119 Resp: 713282

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

11.47

400000

300000

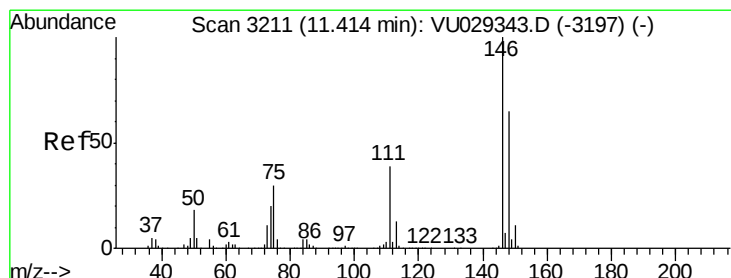
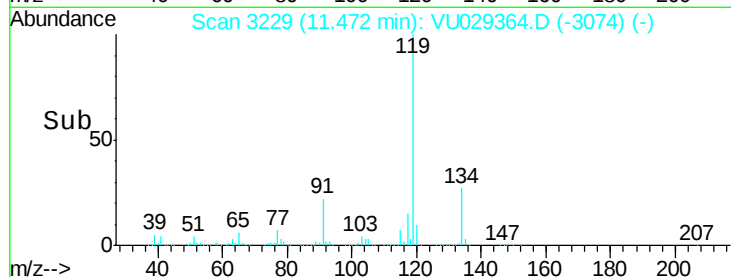
200000

100000

0

11.40 11.50

Time-->



#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

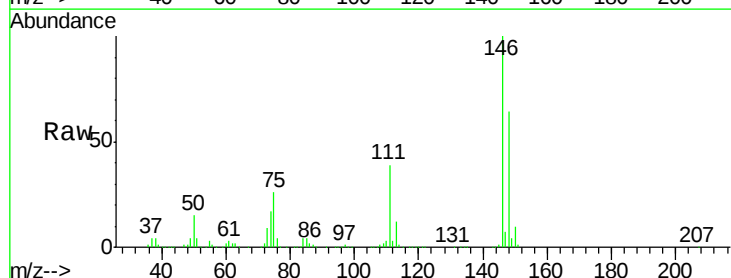
Tgt Ion:146 Resp: 369847

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

11.41

300000

250000

200000

150000

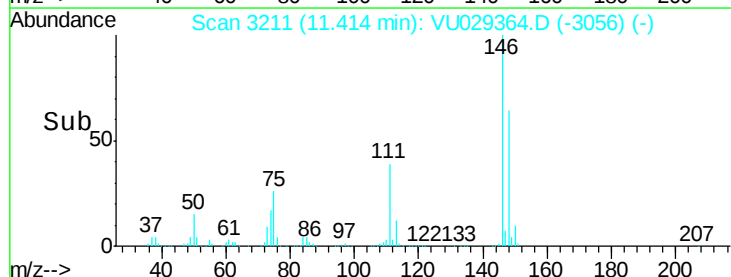
100000

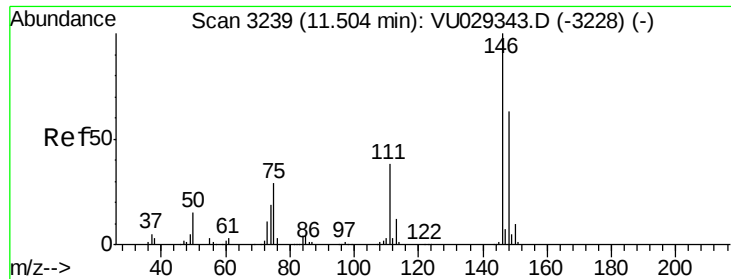
50000

0

11.35 11.40 11.45

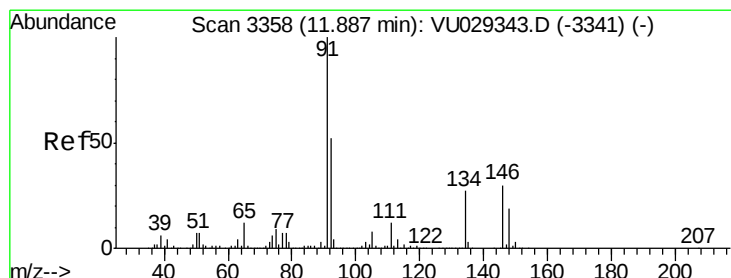
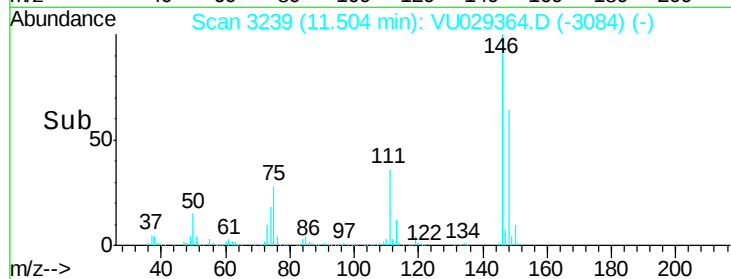
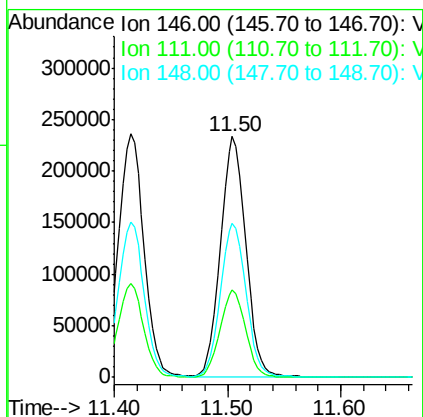
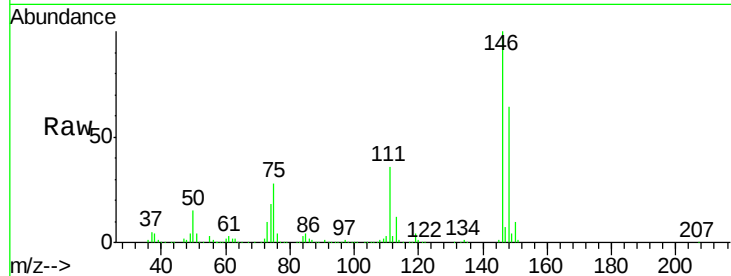
Time-->





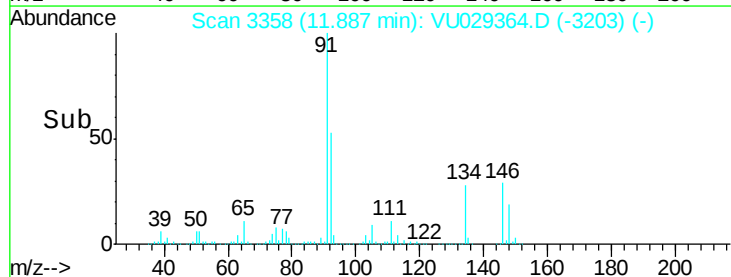
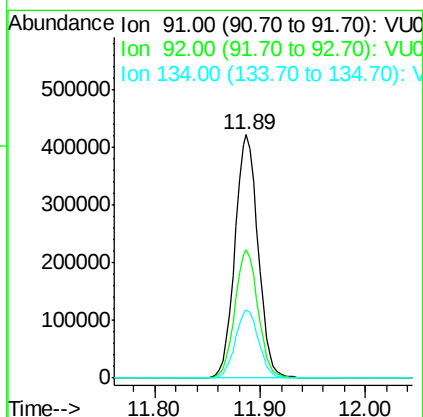
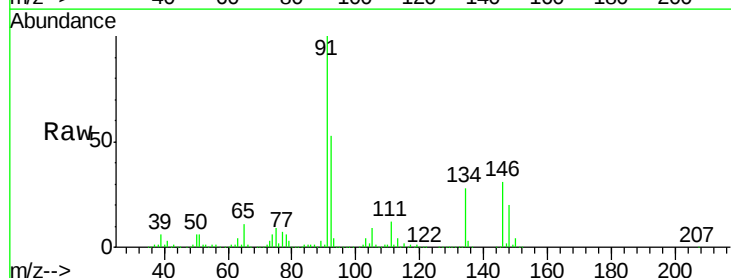
#83
 1,4-Dichlorobenzene
 Concen: 11.126 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

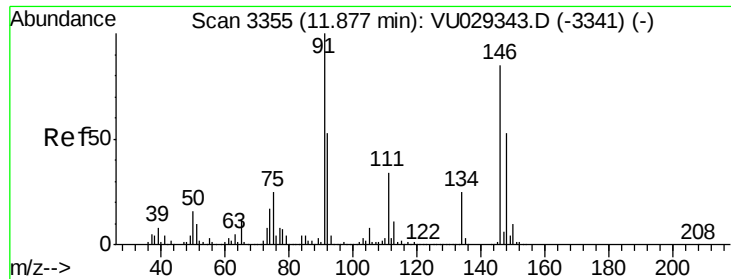
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	32.9	49.3
148	64.5	51.8	77.6



#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

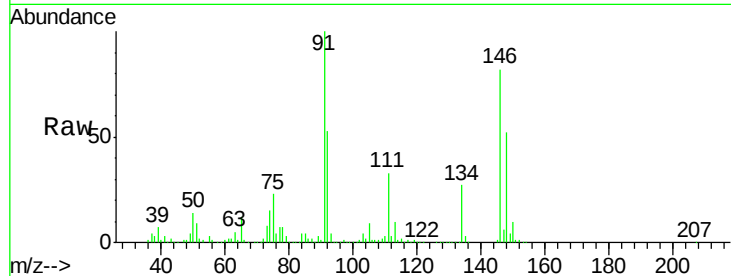
Tot Ion:146 Resp: 341061

Ion Ratio Lower Upper

146 100

111 40.0 21.9 65.8

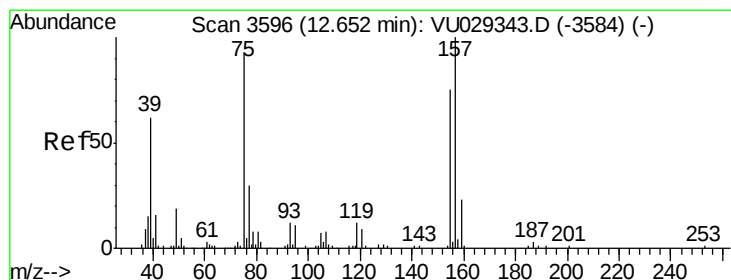
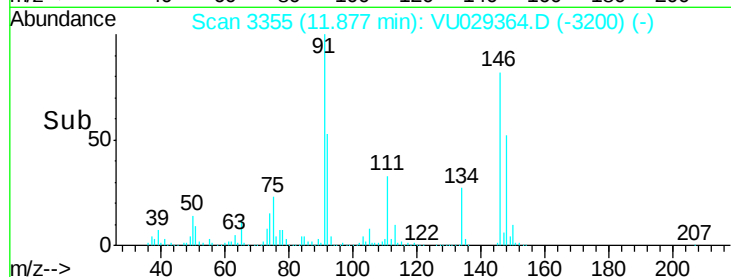
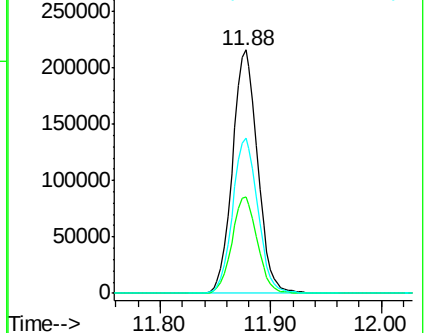
148 64.3 31.8 95.3



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

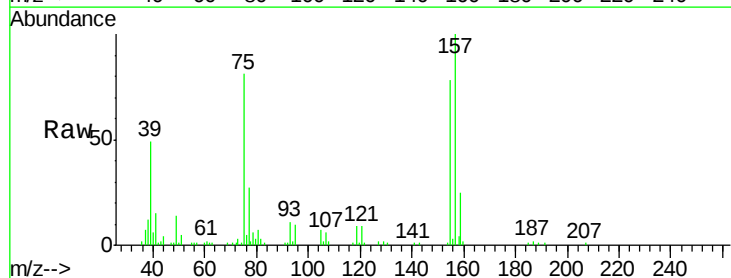
Tgt Ion: 75 Resp: 23789

Ion Ratio Lower Upper

75 100

155 94.2 53.8 80.8#

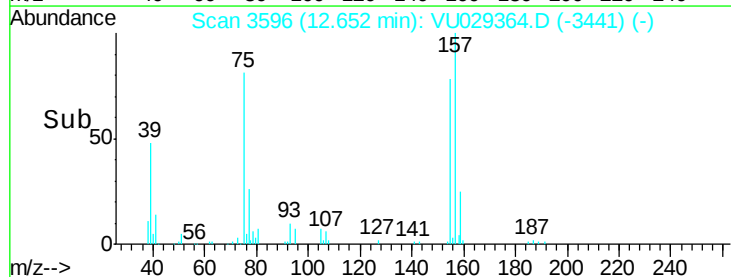
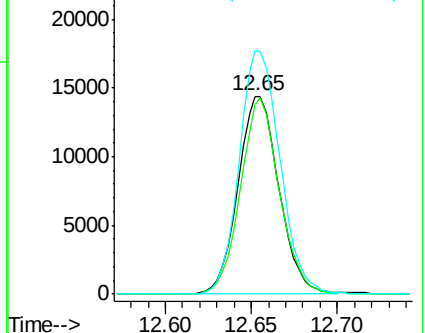
157 122.9 69.2 103.8#

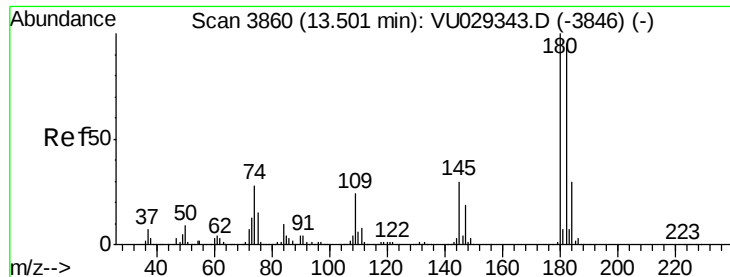


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

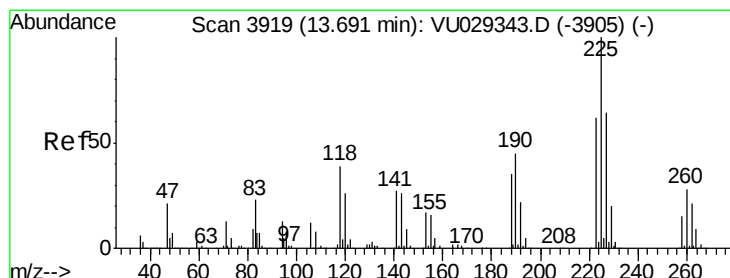
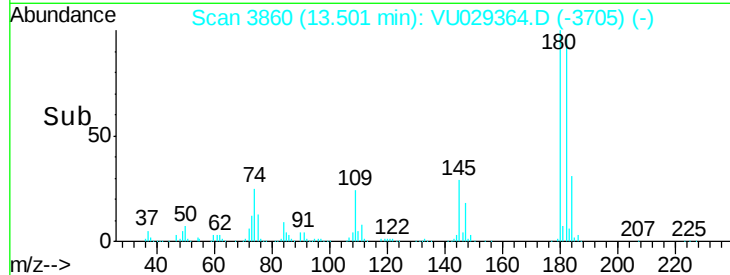
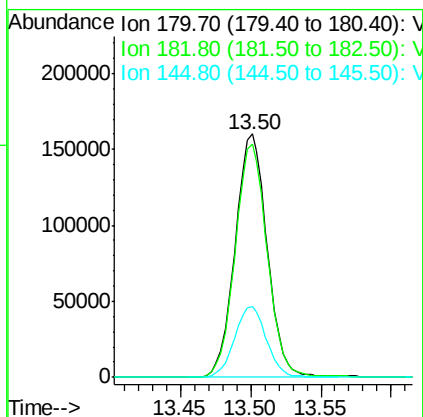
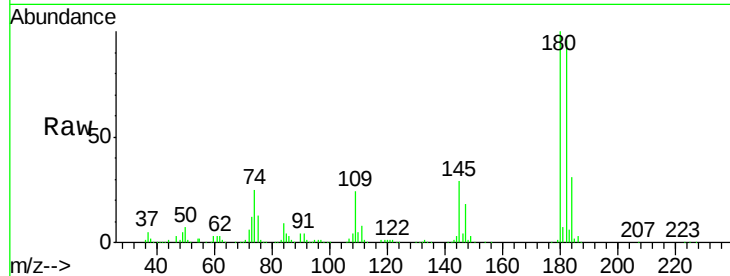
Ion 157.00 (156.70 to 157.70): V





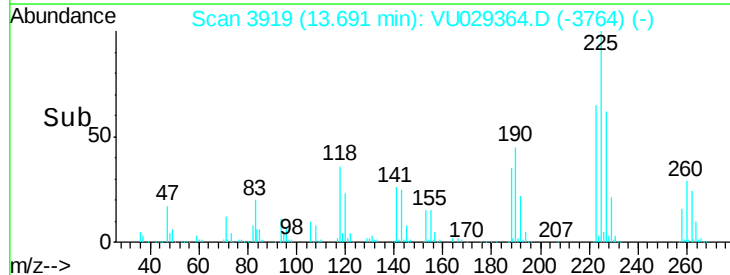
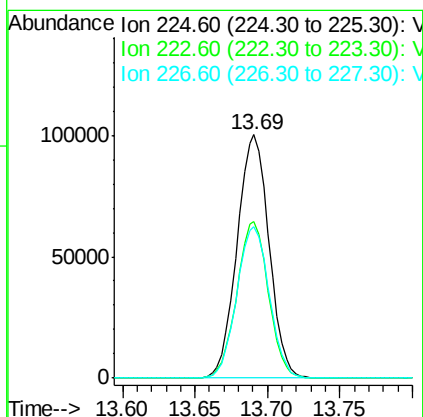
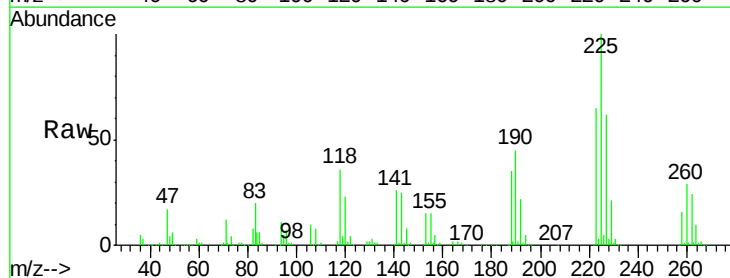
#87
 1,2,4-Trichlorobenzene
 Concen: 11.630 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. -0.00 min
 Lab File: VU029364.D
 Acq: 07 Feb 2019 09:54

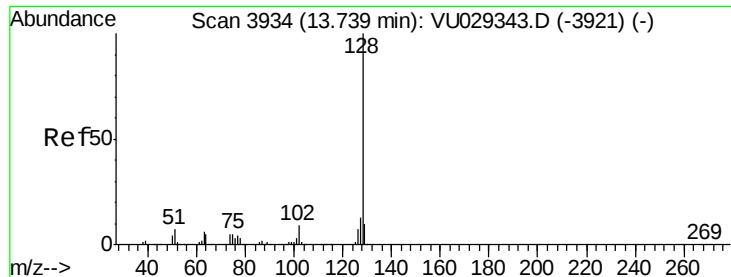
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	114.8
145	29.2	24.6	36.8



#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	Ratio	Lower	Upper
225	100		
223	63.4	49.5	74.3
227	63.3	50.4	75.6





#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

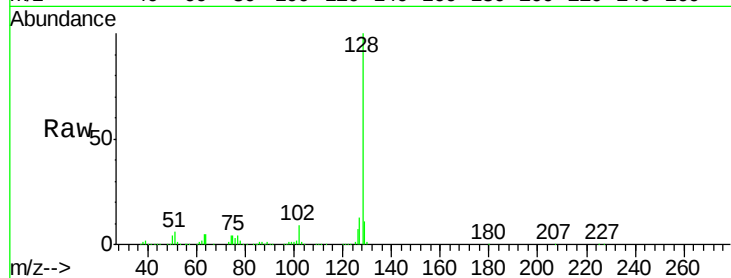
Tot Ion:128 Resp: 417664

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

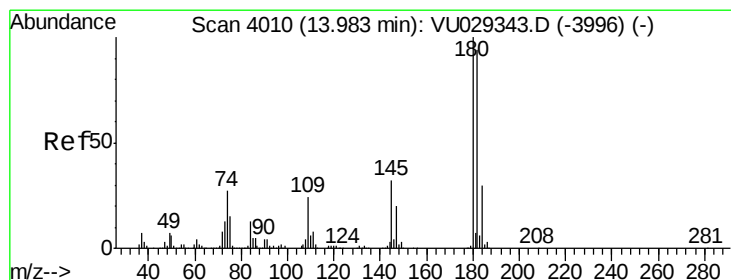
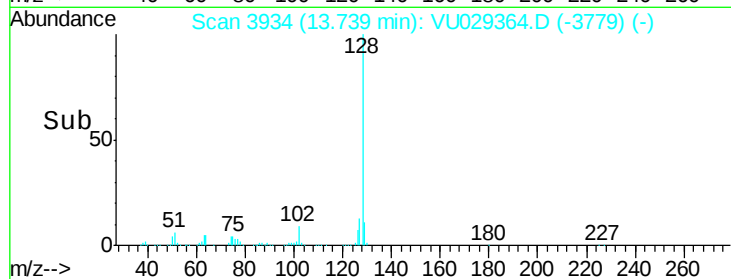
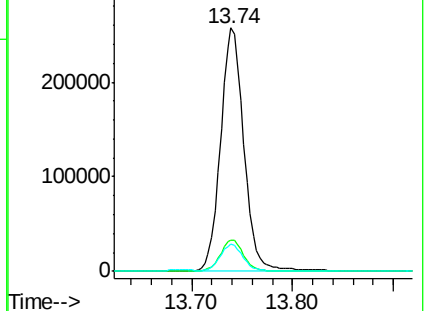
129 10.9 8.2 12.4



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

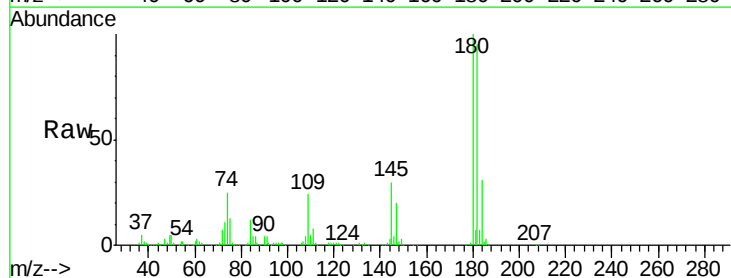
Tgt Ion:180 Resp: 229507

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

