

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
 Data File : VU029305.D
 Acq On : 29 Jan 2019 17:33
 Operator : JC/SP
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 00:46:12 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Jan 30 00:35:37 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	7726	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	2923	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3051	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	6810	1.748 ug/l	97
3) Chloromethane	1.32	50	5807	1.697 ug/l	95
4) Vinyl Chloride	1.39	62	5785	1.740 ug/l	94
5) Bromomethane	1.62	94	3690	1.899 ug/l	95
6) Chloroethane	1.69	64	4208	1.821 ug/l	95
7) Trichlorofluoromethane	1.88	101	10862	1.943 ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4480	1.891 ug/l	98
9) 1,1-Dichloroethene	2.27	96	4067	1.822 ug/l	88
10) Iodomethane	2.40	142	3302	1.650 ug/l	94
11) Allyl Chloride	2.58	41	9948	1.776 ug/l	100
12) Acrylonitrile	2.93	53	2479	3.582 ug/l	97
13) Acetone	2.31	43	7396	9.402 ug/l	96
14) Carbon Disulfide	2.47	76	14966	1.820 ug/l	100
15) Methylene Chloride	2.69	84	5152	1.767 ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	4826	1.918 ug/l	96
17) 1,1-Dichloroethane	3.43	63	9944	1.773 ug/l	99
18) 2-Butanone	4.27	43	8279	9.385 ug/l	97
19) Cyclohexane	4.98	56	6138	1.739 ug/l	95
20) Methylcyclohexane	6.41	83	6774	1.803 ug/l	99
21) 2,2-Dichloropropane	4.21	77	9185	1.898 ug/l	95
22) cis-1,2-Dichloroethene	4.22	96	4875	1.835 ug/l	96
23) Diethyl Ether	2.10	59	3883	1.717 ug/l	94
24) tert-Butyl Alcohol	2.83	59	5330	19.698 ug/l	95
25) Methyl tert-Butyl Ether	2.99	73	14422	1.901 ug/l	97
26) Bromochloromethane	4.54	128	2080	1.873 ug/l	98
27) Chloroform	4.67	83	10559	1.922 ug/l	99
28) 1,1,1-Trichloroethane	4.90	97	9768	1.954 ug/l	95
29) 1,1-Dichloropropene	5.13	75	6844	1.807 ug/l	98
30) Carbon Tetrachloride	5.12	117	8547	1.982 ug/l	97
31) Isopropyl Ether	3.57	45	14669	1.648 ug/l	97
32) Ethyl-t-butyl ether	4.07	59	12896	1.737 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	10924	1.746 ug/l	98
34) Propionitrile	4.33	54	1913	8.693 ug/l #	71
35) Benzene	5.38	78	19103	1.850 ug/l	98
36) 1,2-Dichloroethane	5.40	62	8301	1.926 ug/l #	93
37) Trichloroethene	6.18	130	5009	2.000 ug/l	93
38) 1,2-Dichloropropane	6.43	63	5259	1.841 ug/l	98
39) Methacrylonitrile	4.54	41	1966	1.877 ug/l #	86
40) Methyl acrylate	4.43	55	2483	1.699 ug/l #	73
41) Tetrahydrofuran	4.65	42	1723	3.323 ug/l	93
42) 1-Chlorobutane	5.06	56	10449	1.775 ug/l	99

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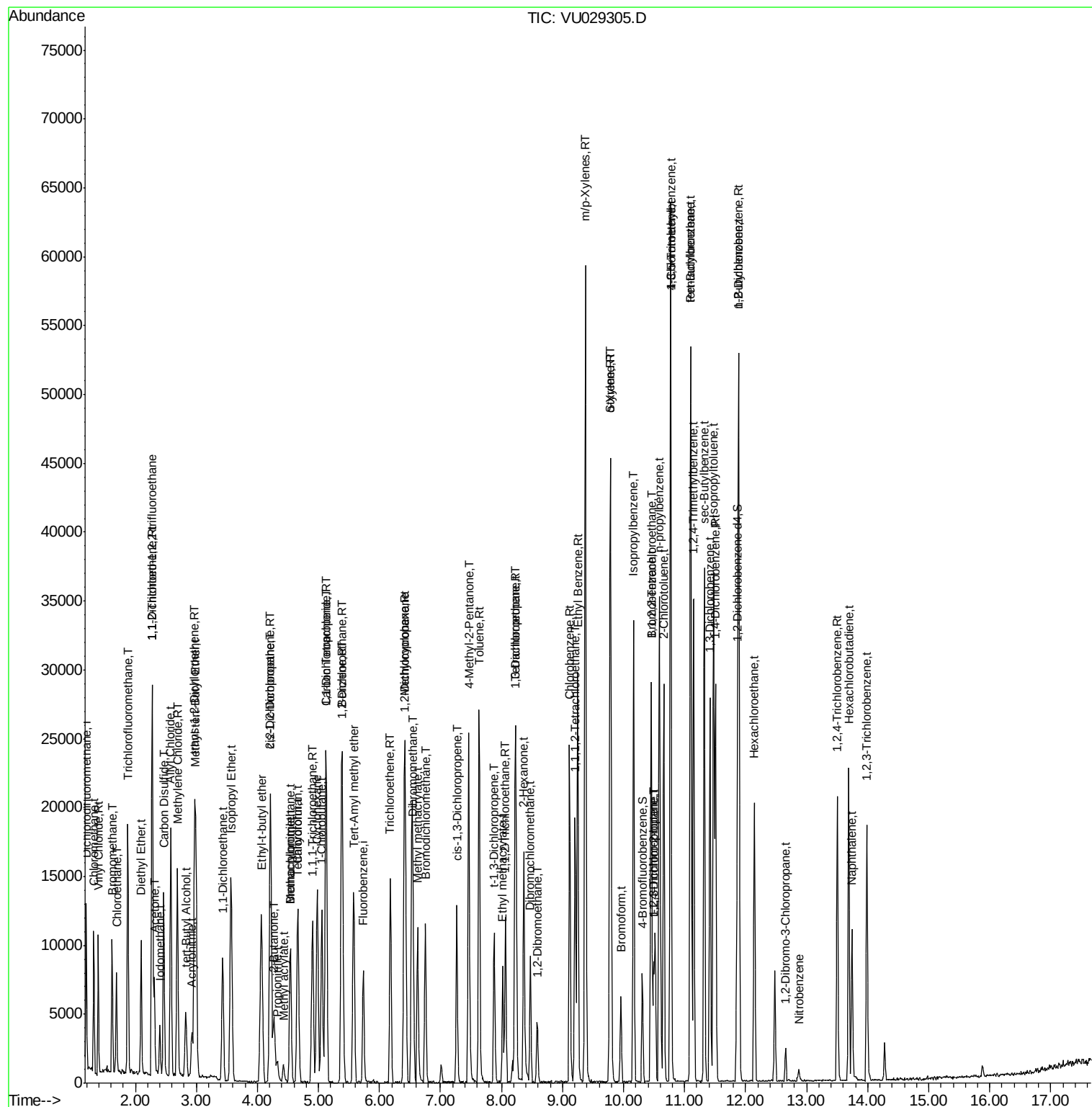
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

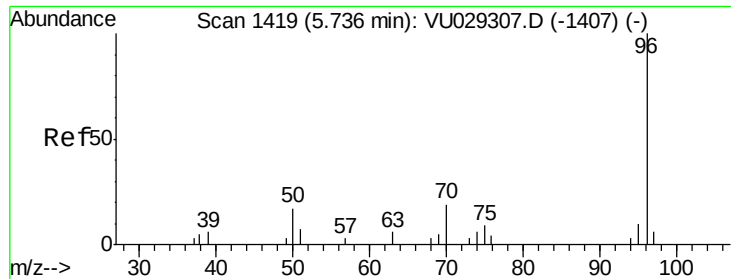
43) Dibromomethane	6.56	93	2672	1.844	ug/l	93
44) Bromodichloromethane	6.75	83	7596	1.841	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	18108	8.929	ug/l	96
46) t-1,4-Dichloro-2-butene	10.49	75	3207	4.545	ug/l #	82
47) Methyl methacrylate	6.62	69	4166	3.384	ug/l	98
48) Ethyl methacrylate	8.02	69	4118	1.753	ug/l	98
49) Toluene	7.63	92	11023	1.850	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	6487	1.837	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	6919	1.747	ug/l	92
52) 1,1,2-Trichloroethane	8.06	97	3456	1.829	ug/l	97
53) 1,3-Dichloropropane	8.24	76	6502	1.846	ug/l	96
54) 2-Hexanone	8.36	43	12134	8.683	ug/l	98
55) Dibromochloromethane	8.47	129	4717	1.933	ug/l	98
56) 1,2-Dibromoethane	8.58	107	3078	1.807	ug/l	94
58) Tetrachloroethene	8.22	164	4634	1.935	ug/l	97
59) Chlorobenzene	9.12	112	11949	1.883	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	5008	1.905	ug/l	97
61) Pentachloroethane	11.10	117	3892	1.951	ug/l	99
62) Hexachloroethane	12.14	117	3639	1.800	ug/l	98
63) Ethyl Benzene	9.25	91	19968	1.775	ug/l	99
64) m/p-Xylenes	9.37	106	15225	3.582	ug/l	98
65) o-Xylene	9.78	106	7260	1.790	ug/l	99
66) Styrene	9.79	104	12443	1.768	ug/l	99
67) Bromoform	9.95	173	2854	2.040	ug/l	93
69) Isopropylbenzene	10.16	105	20459	1.839	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	4371	1.766	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	3207	1.612	ug/l #	87
72) Bromobenzene	10.45	156	5187	1.942	ug/l	97
73) n-propylbenzene	10.58	120	5225	1.791	ug/l	91
74) 2-Chlorotoluene	10.66	126	4857	1.832	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	18087	1.840	ug/l	96
76) 4-Chlorotoluene	10.77	126	5261	1.977	ug/l	97
77) tert-Butylbenzene	11.10	119	17231	1.836	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	18381	1.817	ug/l	99
79) sec-Butylbenzene	11.32	105	22678	1.801	ug/l	99
80) Nitrobenzene	12.87	77	808	8.988	ug/l #	78
81) p-Isopropyltoluene	11.48	119	19136	1.821	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	10755	1.923	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	10985	1.980	ug/l	96
84) n-Butylbenzene	11.89	91	18593	1.818	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	9888	1.919	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	925	1.951	ug/l	89
87) 1,2,4-Trichlorobenzene	13.50	180	6397	1.871	ug/l	96
88) Hexachlorobutadiene	13.69	225	4216	1.920	ug/l	94
89) Naphthalene	13.74	128	9678	1.729	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	5918	1.852	ug/l	99

(#) = 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# 1419

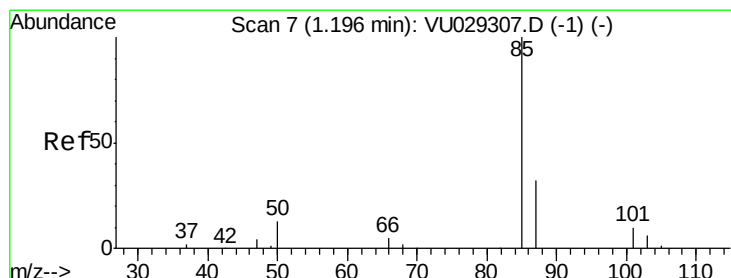
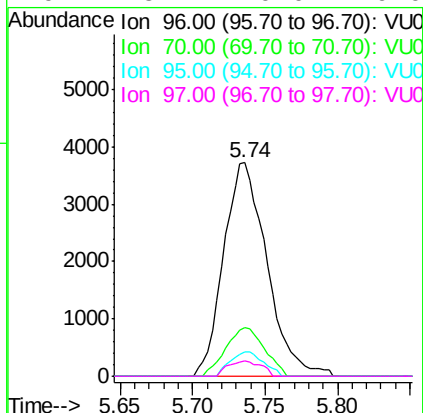
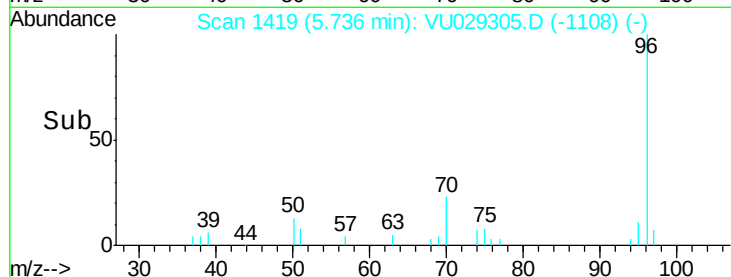
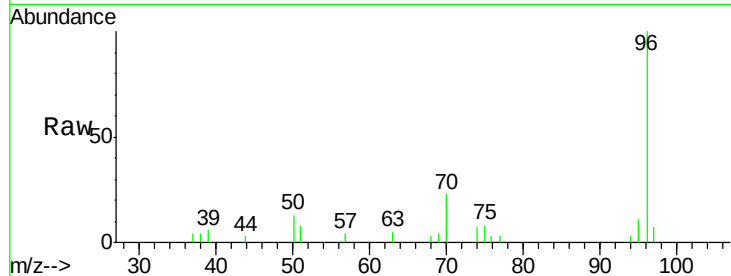
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 96 Resp: 7726

Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.2	24.2
95	8.7	7.4	11.2
97	5.4	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.748 ug/l

RT: 1.20 min Scan# 7

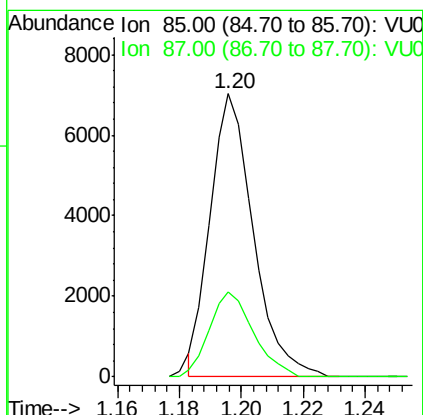
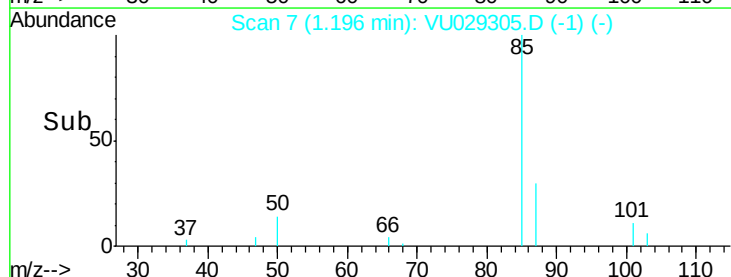
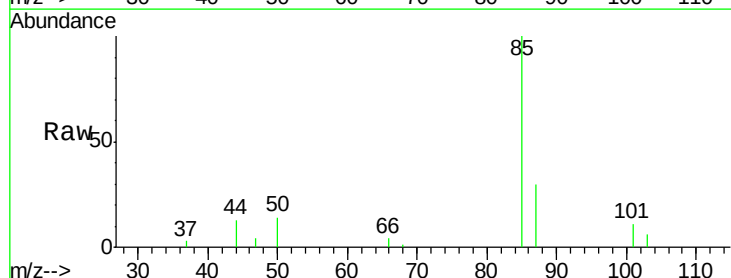
Delta R.T. -0.00 min

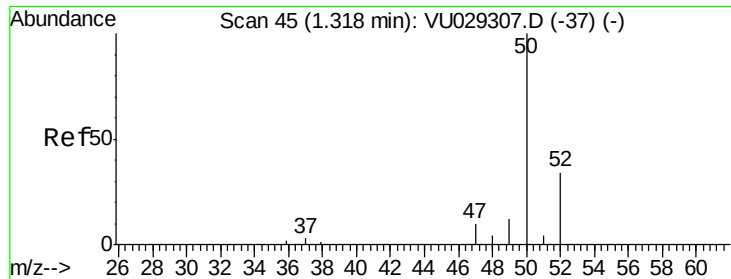
Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 85 Resp: 6810

Ion	Ratio	Lower	Upper
85	100		
87	30.1	15.9	47.6





#3

Chloromethane

Concen: 1.697 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029305.D

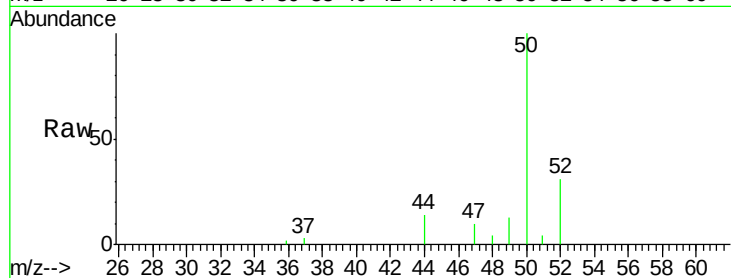
Acq: 29 Jan 2019 17:33

Tgt Ion: 50 Resp: 5807

Ion Ratio Lower Upper

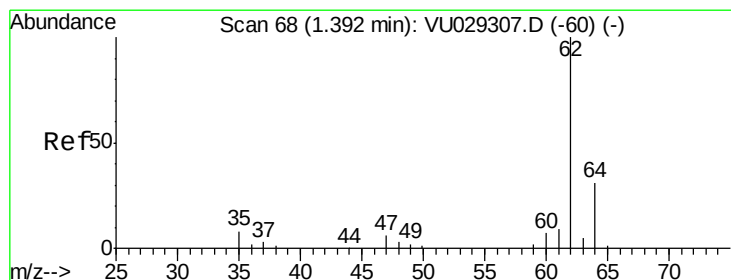
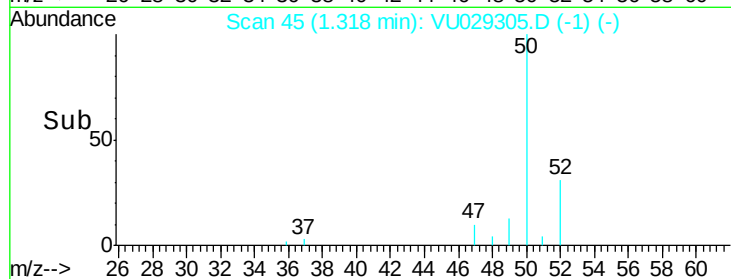
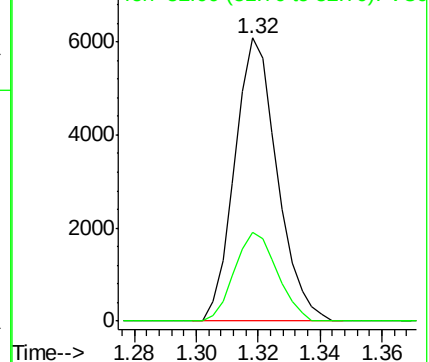
50 100

52 31.2 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: 1.740 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029305.D

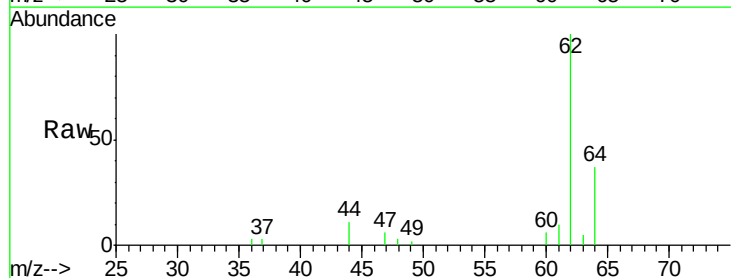
Acq: 29 Jan 2019 17:33

Tgt Ion: 62 Resp: 5785

Ion Ratio Lower Upper

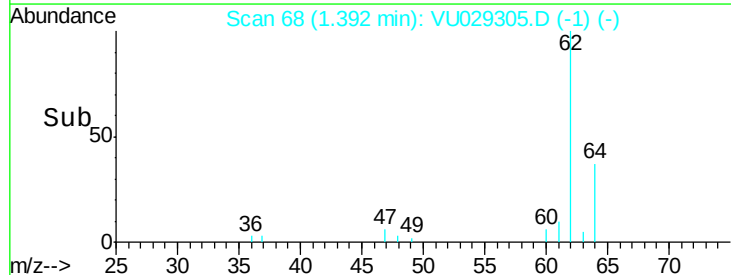
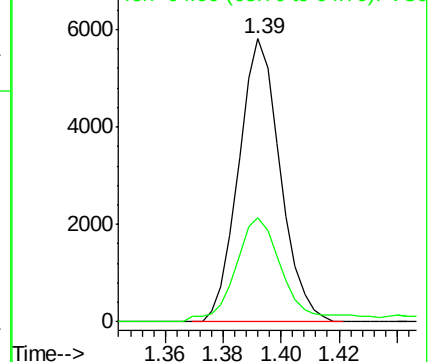
62 100

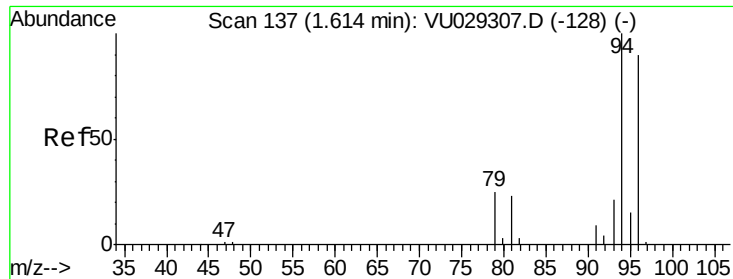
64 35.0 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

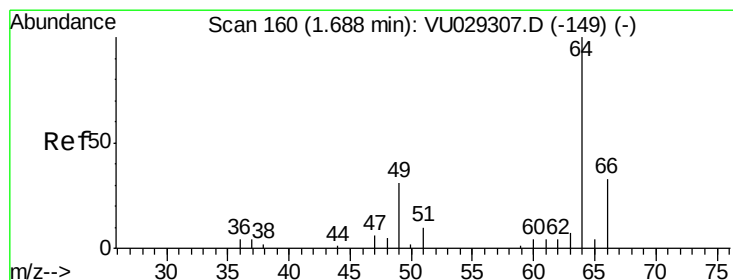
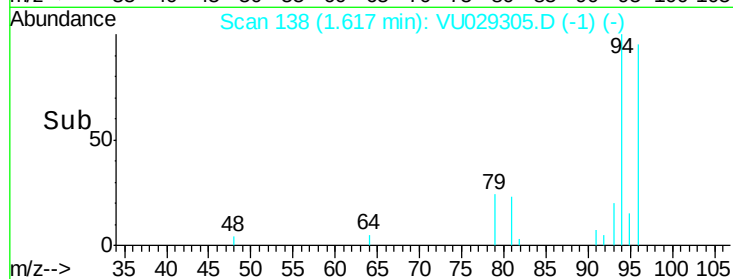
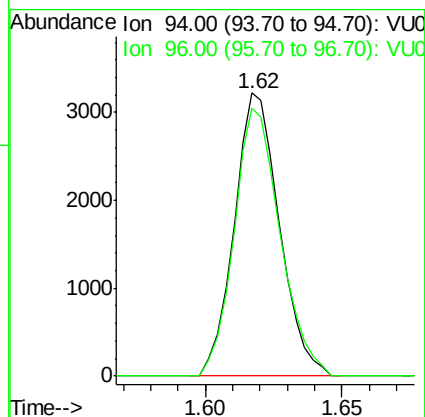
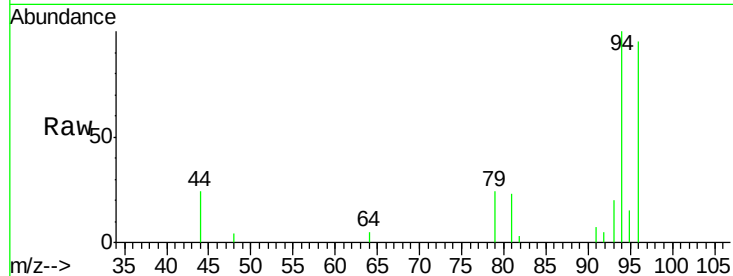
Ion 64.00 (63.70 to 64.70): VU0





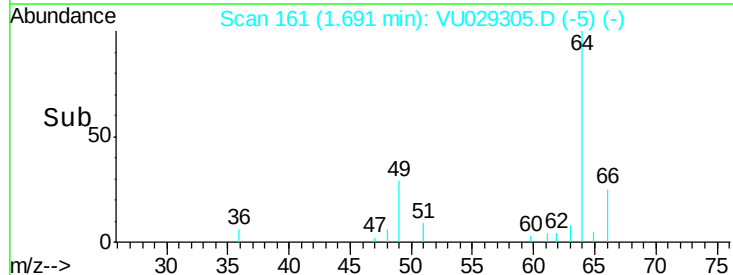
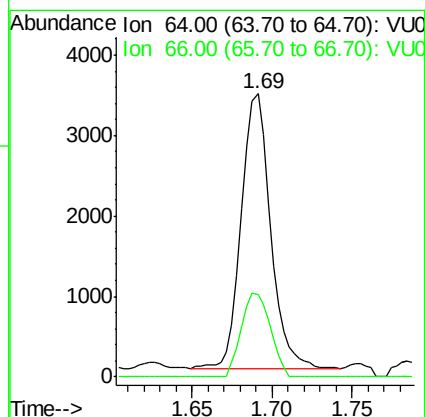
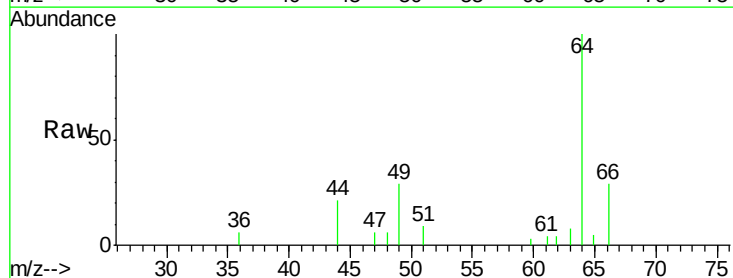
#5
Bromomethane
Concen: 1.899 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

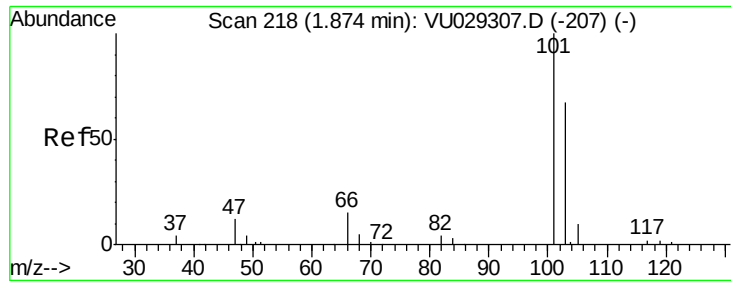
Tgt Ion: 94 Resp: 3690
Ion Ratio Lower Upper
94 100
96 94.6 71.7 107.5



#6
Chloroethane
Concen: 1.821 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 64 Resp: 4208
Ion Ratio Lower Upper
64 100
66 30.1 26.3 39.5

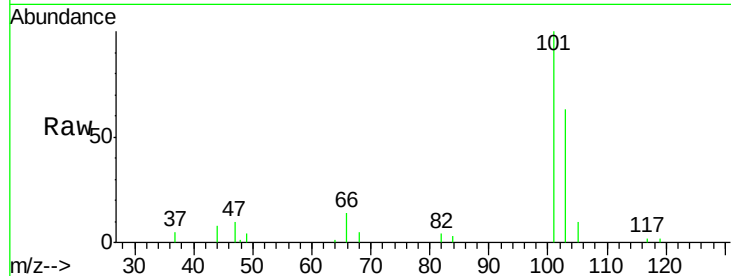




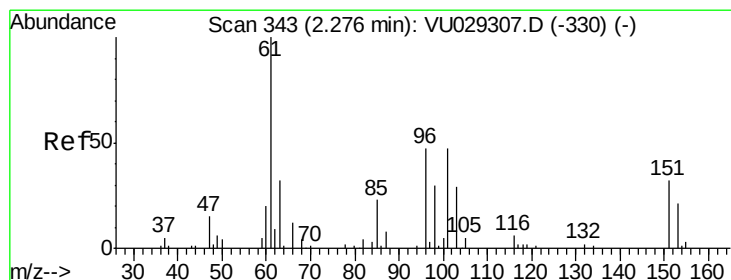
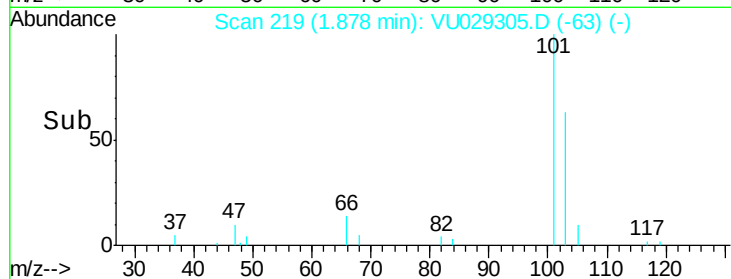
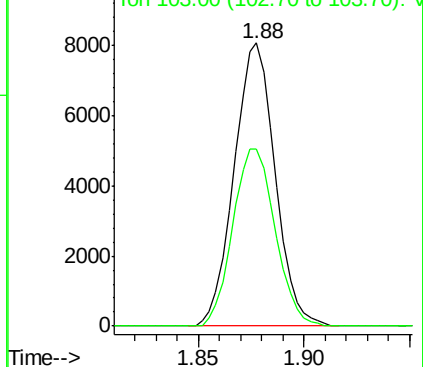
#7

Trichlorofluoromethane
Concen: 1.943 ug/l
RT: 1.88 min Scan# 219
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:101 Resp: 10862
Ion Ratio Lower Upper
101 100
103 62.7 53.9 80.9



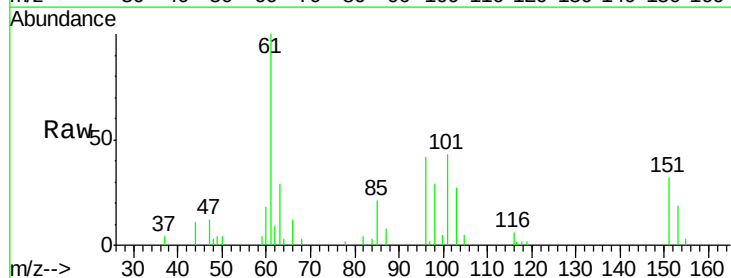
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



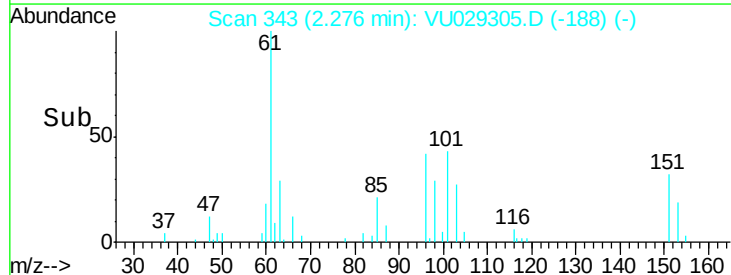
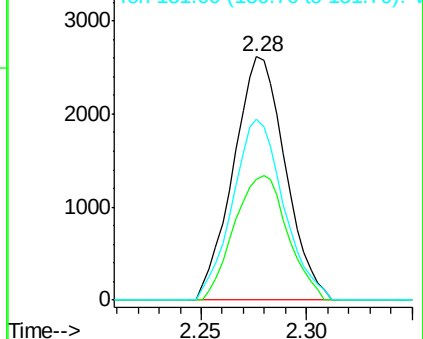
#8

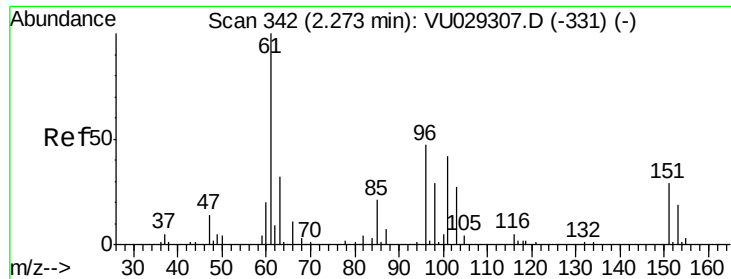
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.891 ug/l
RT: 2.28 min Scan# 343
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:101 Resp: 4480
Ion Ratio Lower Upper
101 100
85 52.5 40.3 60.5
151 73.0 58.1 87.1



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





#9

1,1-Dichloroethene

Concen: 1.822 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

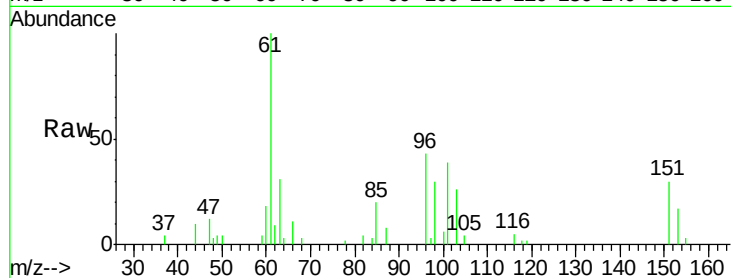
Tgt Ion: 96 Resp: 4067

Ion Ratio Lower Upper

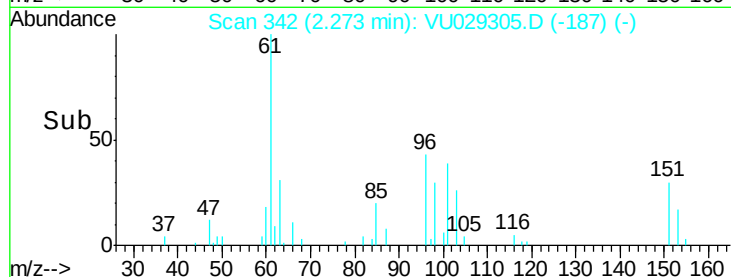
96 100

61 234.4 0.0 641.4

98 69.3 0.0 122.6



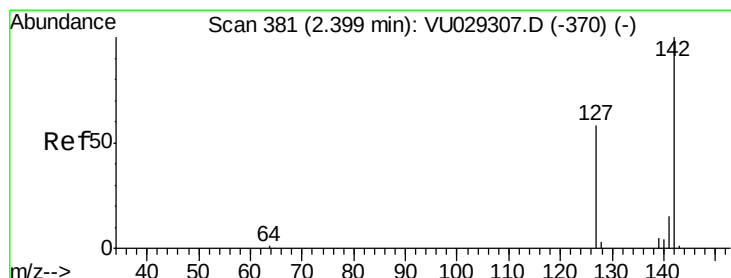
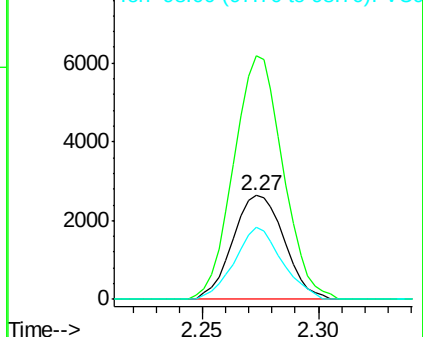
Abundance Ion 96.00 (95.70 to 96.70): VU029305.D (-187) (-)



Ion 61.00 (60.70 to 61.70): VU029305.D (-187) (-)

Ion 98.00 (97.70 to 98.70): VU029305.D (-187) (-)

Time-->



#10

Iodomethane

Concen: 1.650 ug/l

RT: 2.40 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU029305.D

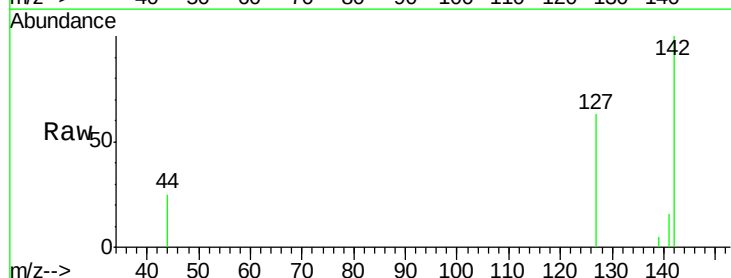
Acq: 29 Jan 2019 17:33

Tgt Ion: 142 Resp: 3302

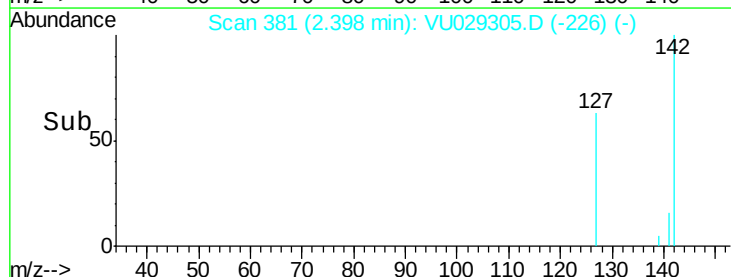
Ion Ratio Lower Upper

142 100

127 63.9 47.6 71.4

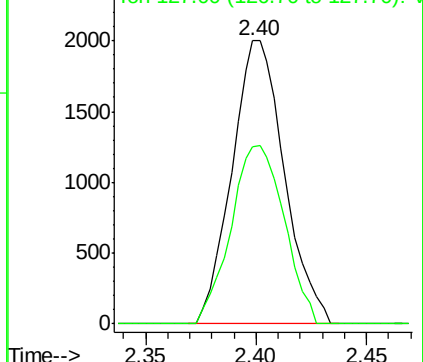


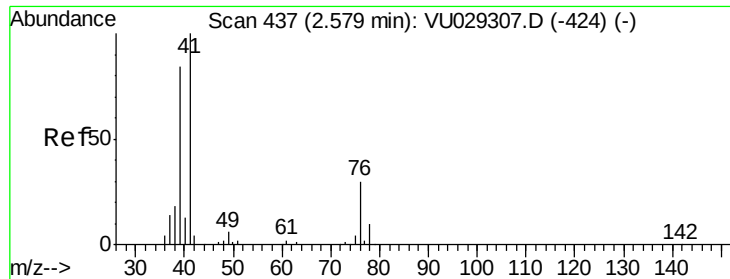
Abundance Ion 142.00 (141.70 to 142.70): VU029305.D (-226) (-)



Ion 127.00 (126.70 to 127.70): VU029305.D (-226) (-)

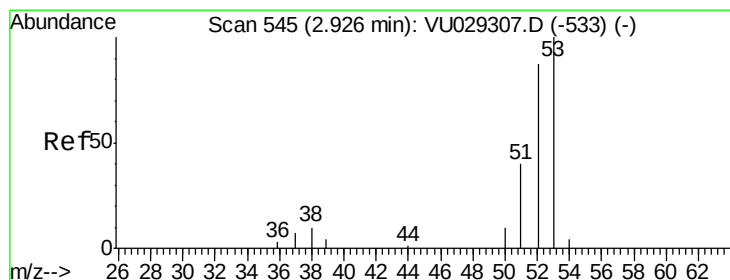
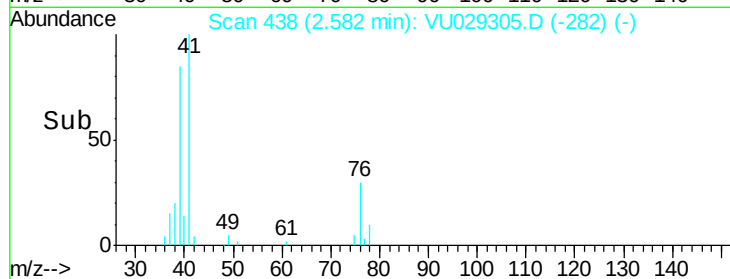
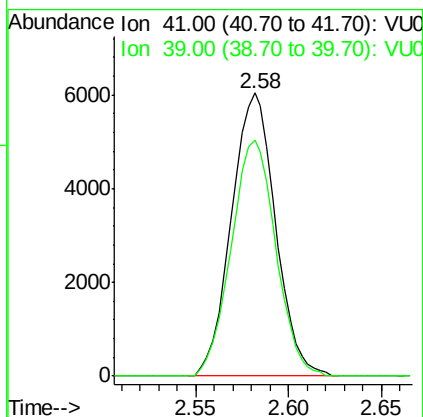
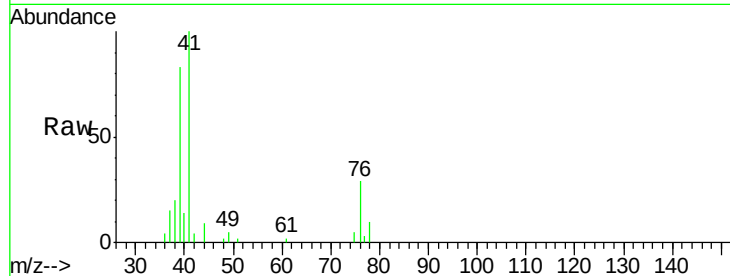
Time-->





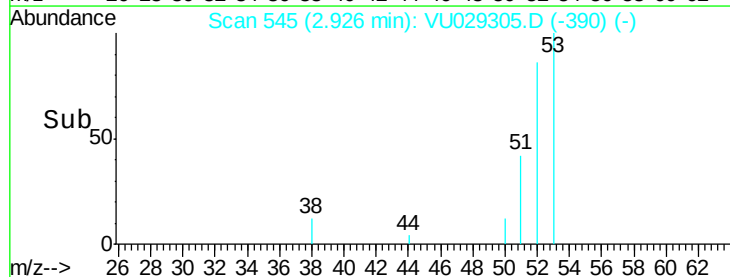
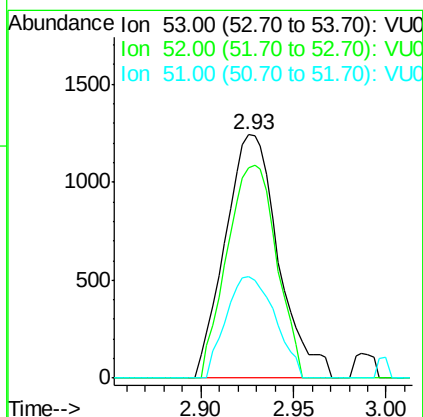
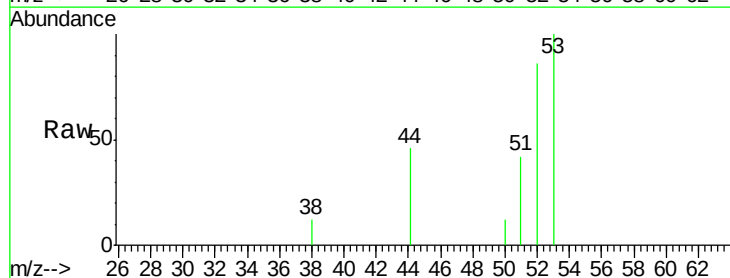
#11
 Allyl Chloride
 Concen: 1.776 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

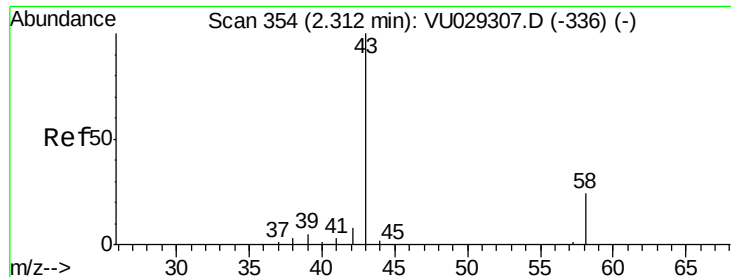
Tgt Ion: 41 Resp: 9948
 Ion Ratio Lower Upper
 41 100
 39 84.4 67.2 100.8



#12
 Acrylonitrile
 Concen: 3.582 ug/l
 RT: 2.93 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 53 Resp: 2479
 Ion Ratio Lower Upper
 53 100
 52 81.2 67.6 101.4
 51 38.4 31.0 46.4





#13

Acetone

Concen: 9.402 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029305.D

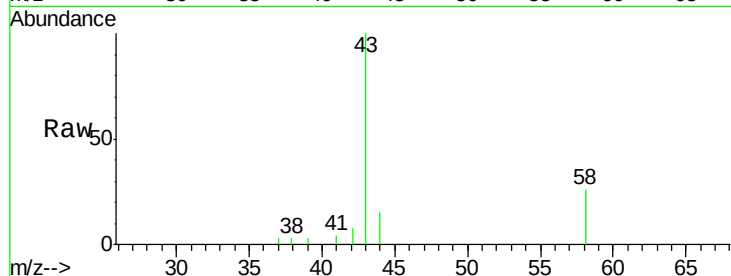
Acq: 29 Jan 2019 17:33

Tgt Ion: 43 Resp: 7396

Ion Ratio Lower Upper

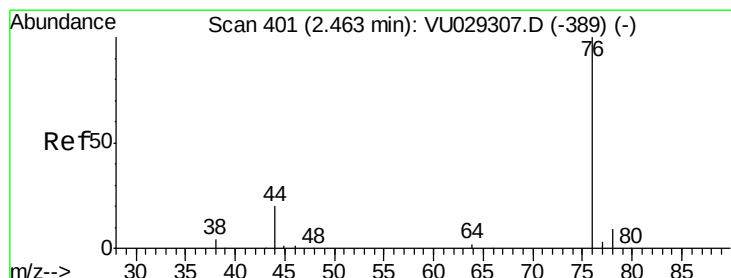
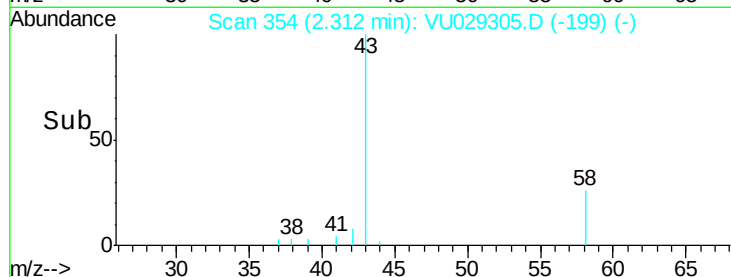
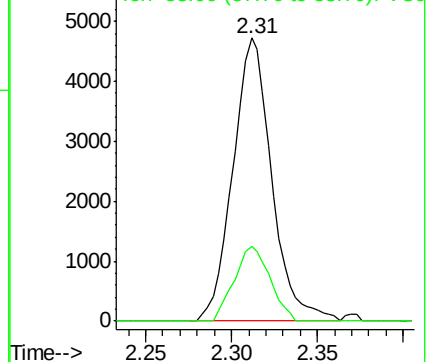
43 100

58 26.2 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: 1.820 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029305.D

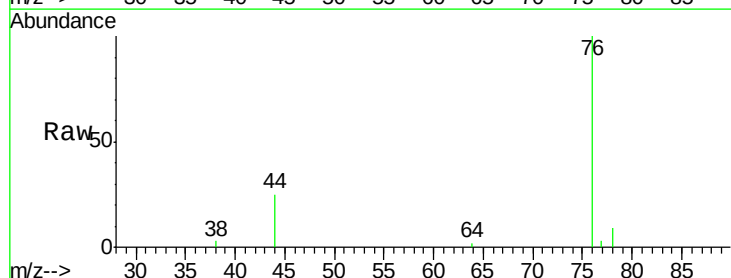
Acq: 29 Jan 2019 17:33

Tgt Ion: 76 Resp: 14966

Ion Ratio Lower Upper

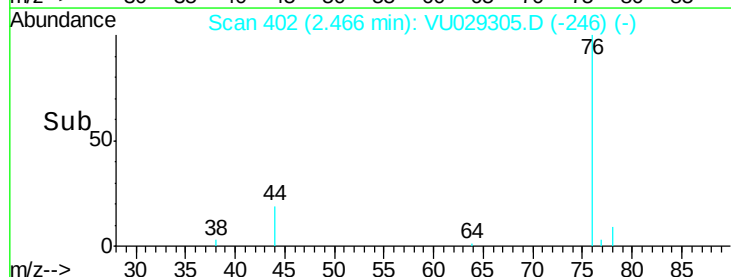
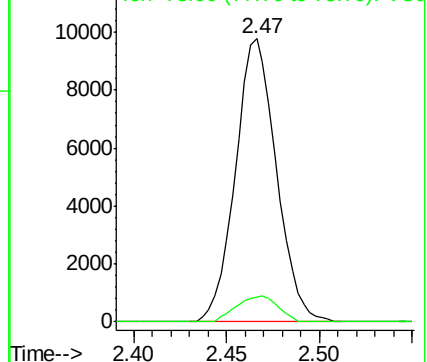
76 100

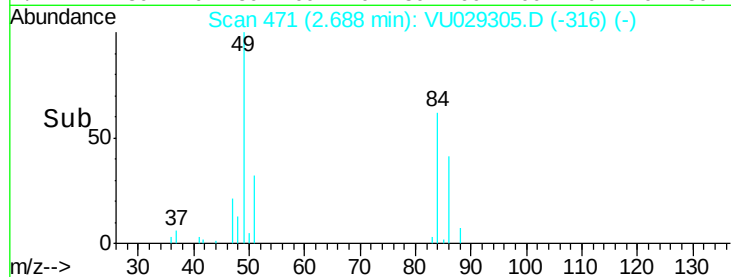
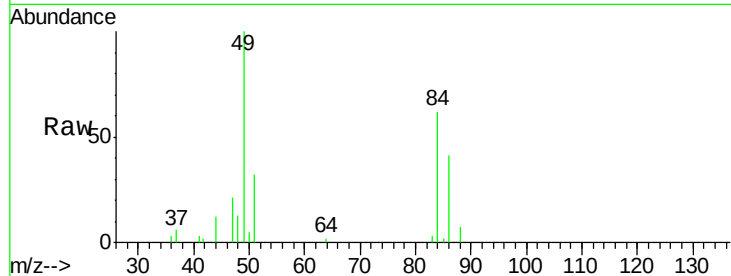
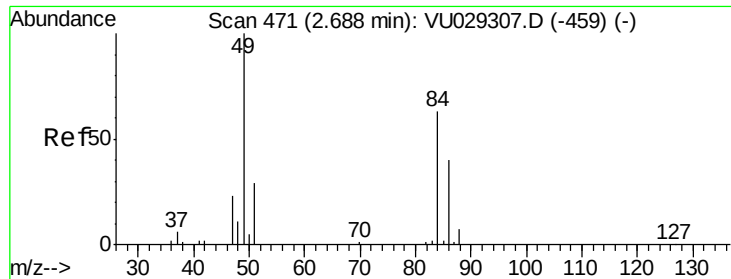
78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

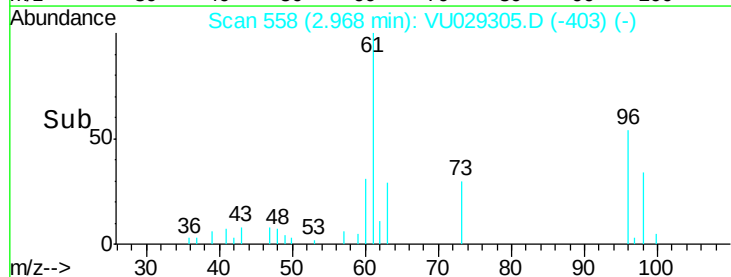
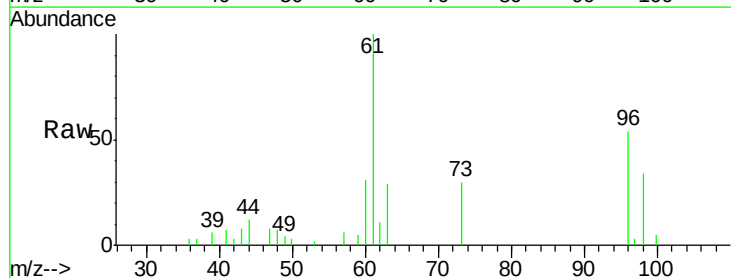
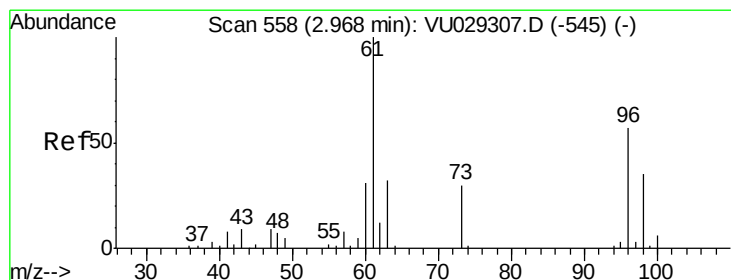
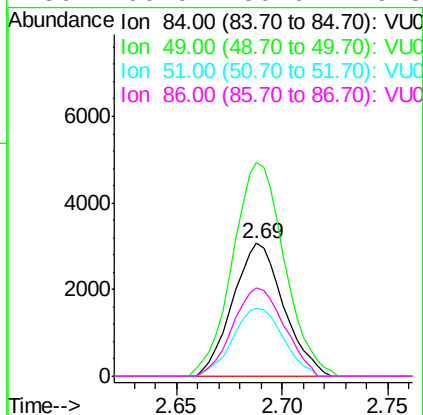
Ion 78.00 (77.70 to 78.70): VU0





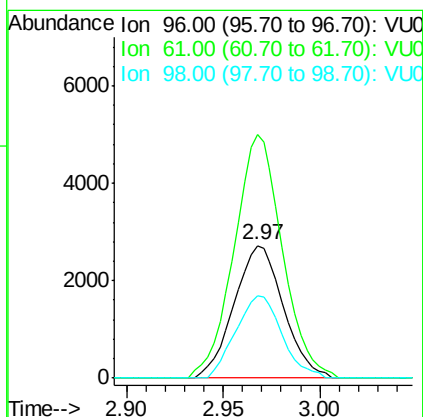
#15
Methylene Chloride
Concen: 1.767 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

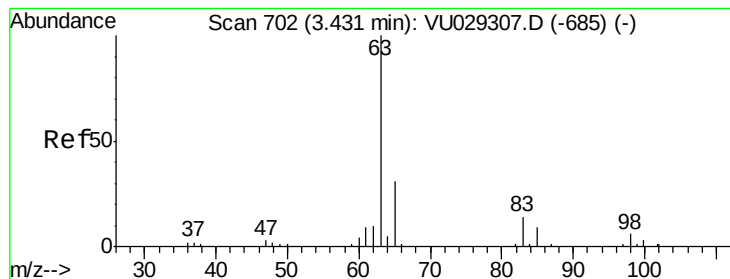
Tgt Ion: 84 Resp: 5152
Ion Ratio Lower Upper
84 100
49 160.8 127.0 190.6
51 51.4 0.0 93.4
86 66.0 50.6 75.8



#16
trans-1,2-Dichloroethene
Concen: 1.918 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 96 Resp: 4826
Ion Ratio Lower Upper
96 100
61 184.0 140.6 210.8
98 61.9 49.3 73.9





#17

1,1-Dichloroethane

Concen: 1.773 ug/l

RT: 3.43 min Scan# 703

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

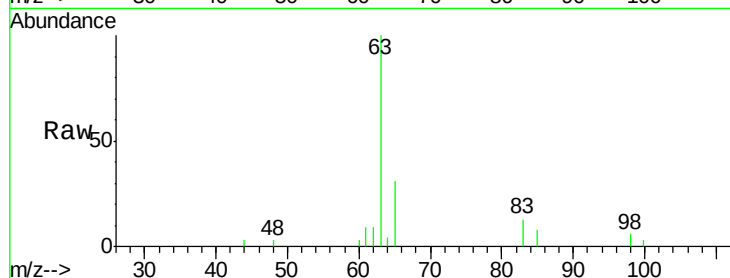
Tgt Ion: 63 Resp: 9944

Ion Ratio Lower Upper

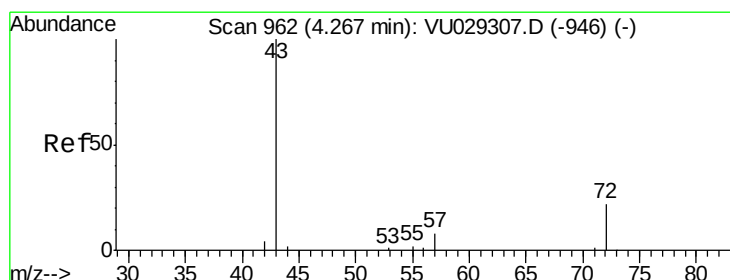
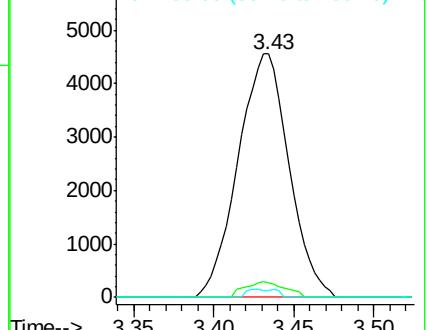
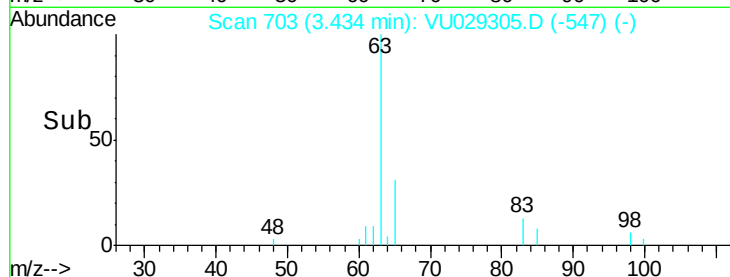
63 100

98 6.1 2.9 8.8

100 3.0 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU029305.D (-547) (-)



#18

2-Butanone

Concen: 9.385 ug/l

RT: 4.27 min Scan# 964

Delta R.T. 0.01 min

Lab File: VU029305.D

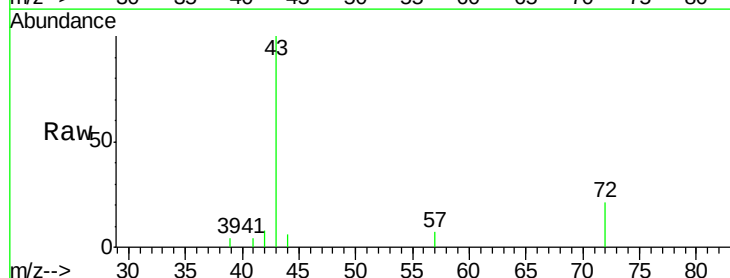
Acq: 29 Jan 2019 17:33

Tgt Ion: 43 Resp: 8279

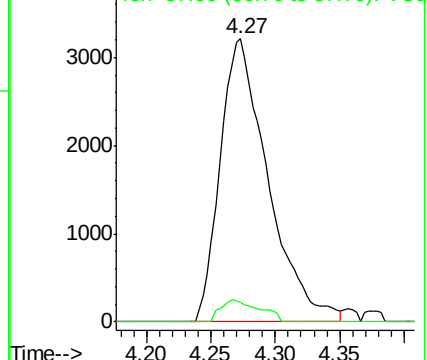
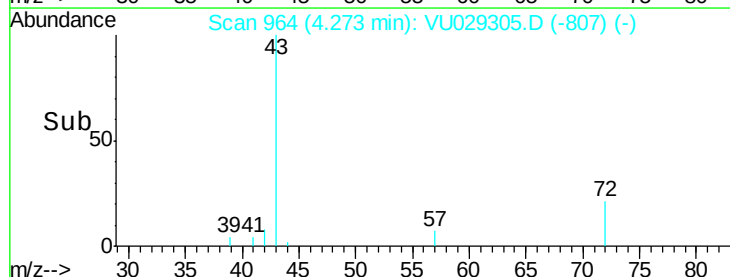
Ion Ratio Lower Upper

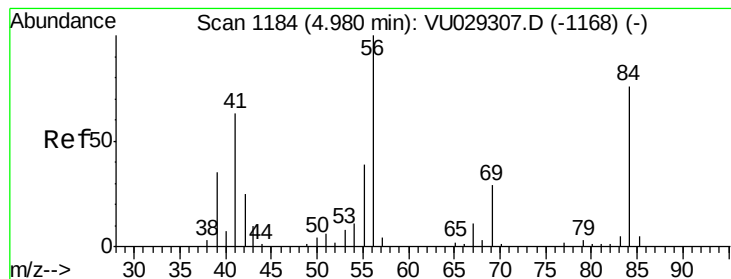
43 100

57 6.9 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU029305.D (-807) (-)





#19

Cyclohexane

Concen: 1.739 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

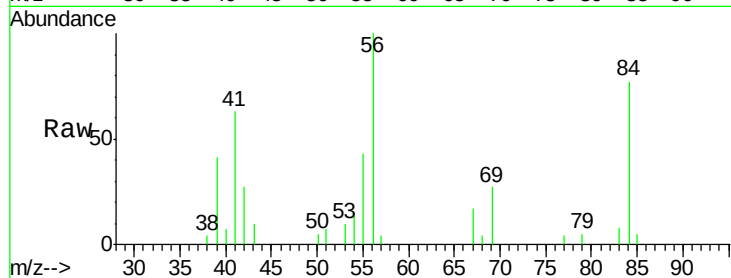
Tgt Ion: 56 Resp: 6138

Ion Ratio Lower Upper

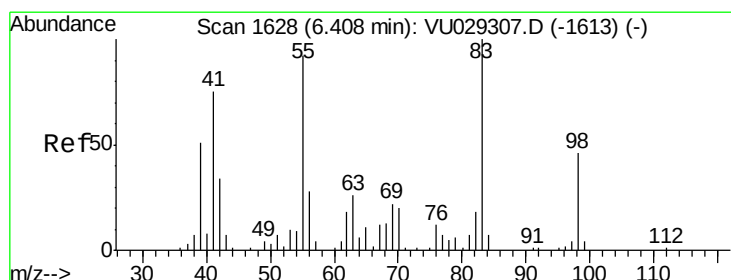
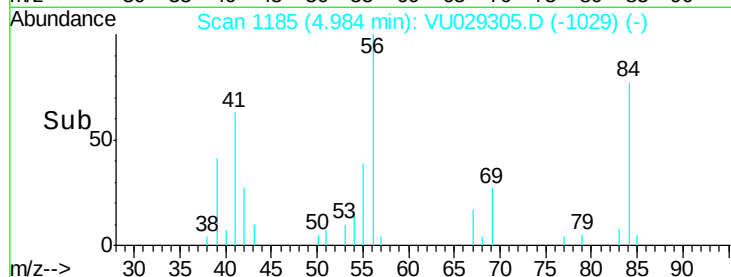
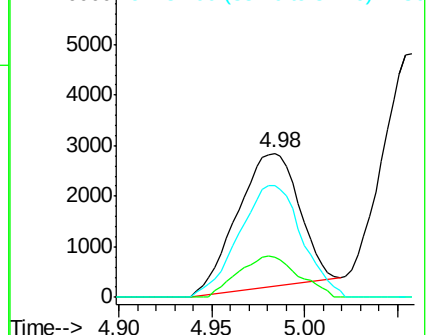
56 100

69 29.9 26.8 40.2

84 84.8 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: 1.803 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

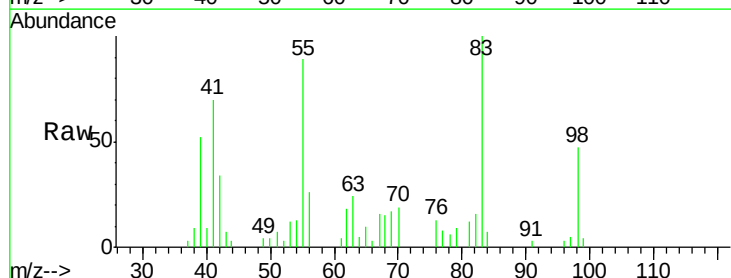
Tgt Ion: 83 Resp: 6774

Ion Ratio Lower Upper

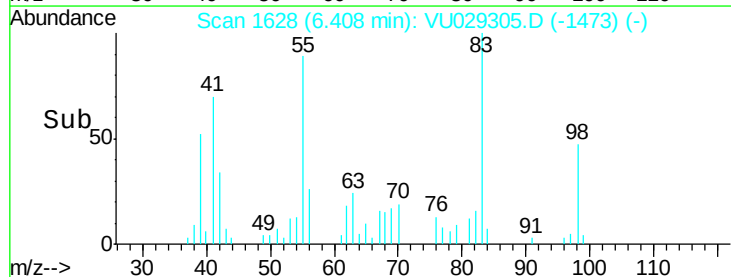
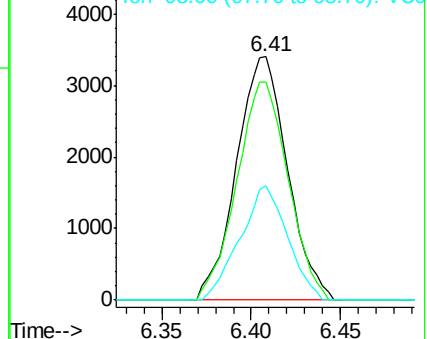
83 100

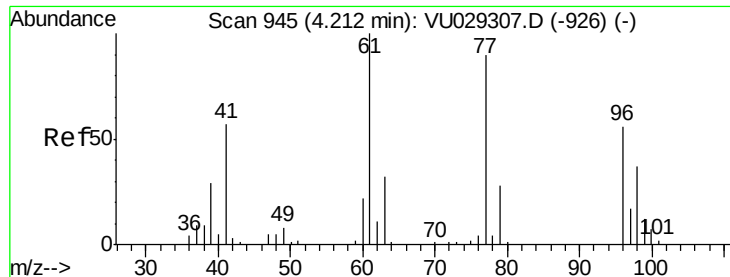
55 90.0 72.4 108.6

98 43.7 36.6 54.8



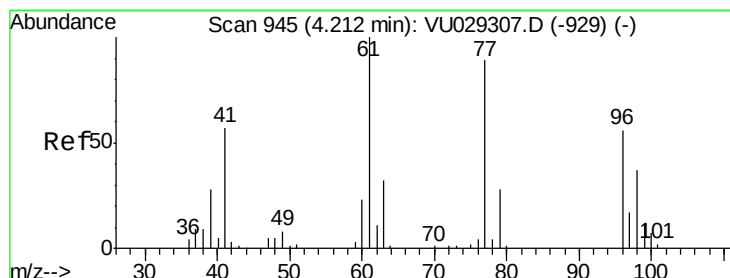
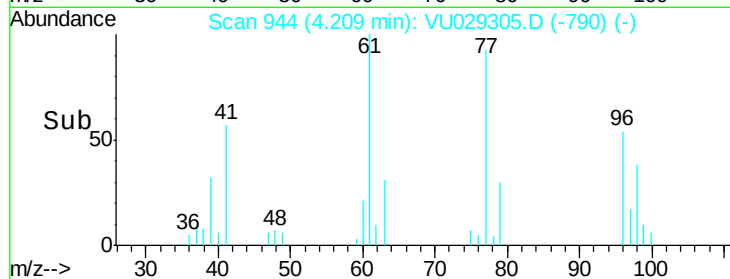
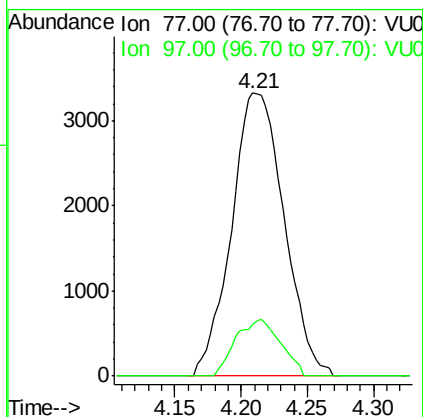
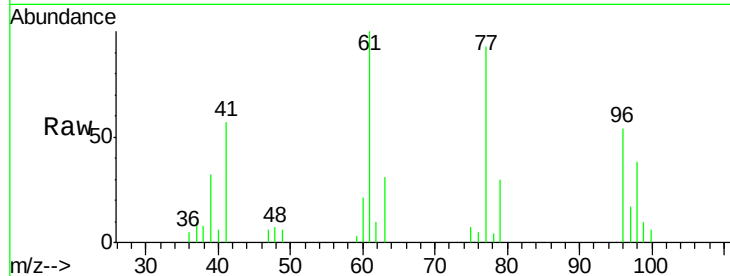
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





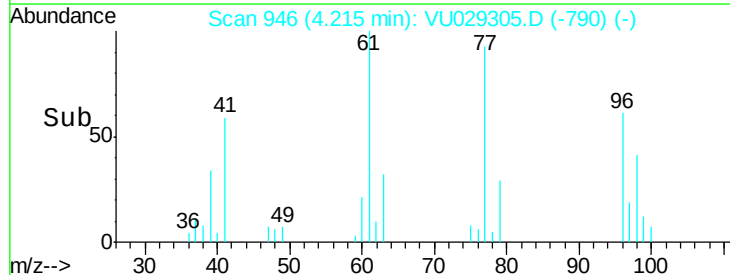
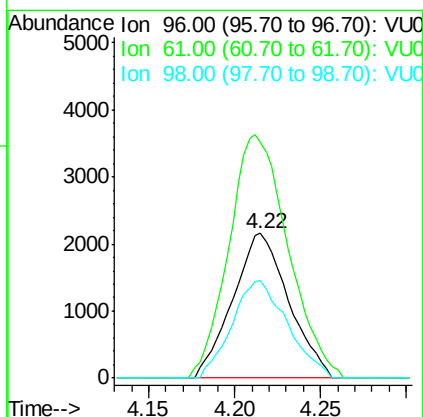
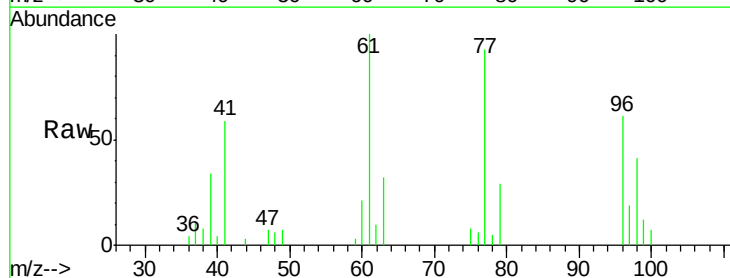
#21
 2,2-Dichloropropane
 Concen: 1.898 ug/l
 RT: 4.21 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

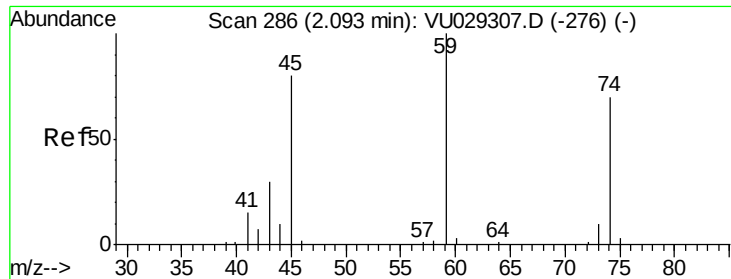
Tgt Ion: 77 Resp: 9185
 Ion Ratio Lower Upper
 77 100
 97 17.1 15.6 23.4



#22
 cis-1,2-Dichloroethene
 Concen: 1.835 ug/l
 RT: 4.22 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 96 Resp: 4875
 Ion Ratio Lower Upper
 96 100
 61 177.3 0.0 460.0
 98 66.8 32.6 97.7





#23

Diethyl Ether

Concen: 1.717 ug/l

RT: 2.10 min Scan# 287

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

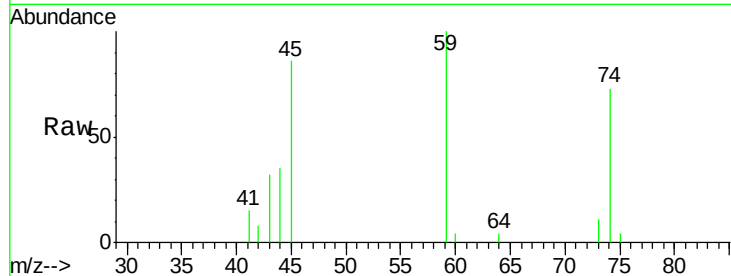
Tgt Ion: 59 Resp: 3883

Ion Ratio Lower Upper

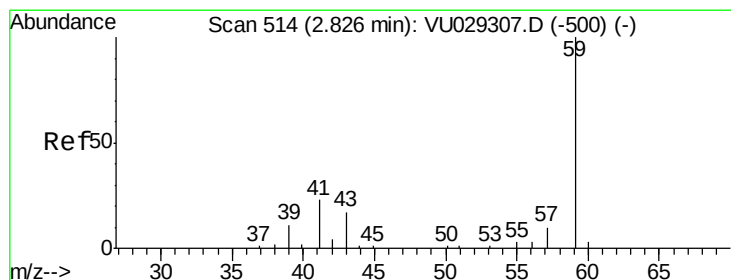
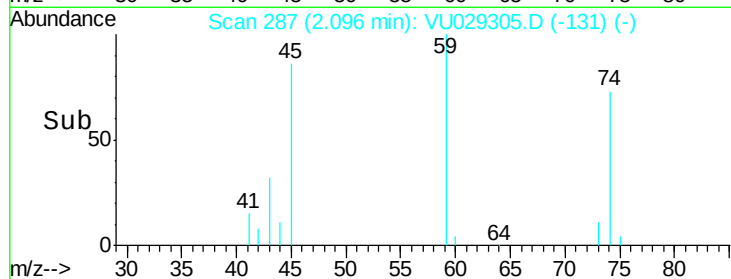
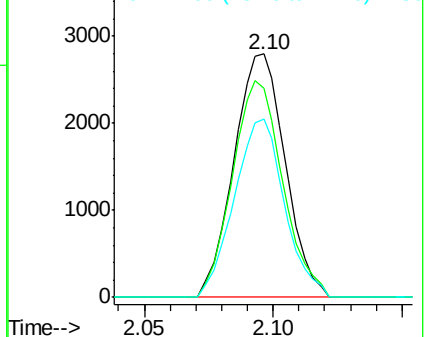
59 100

45 87.0 64.2 96.4

74 71.8 55.3 82.9



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



#24

tert-Butyl Alcohol

Concen: 19.698 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU029305.D

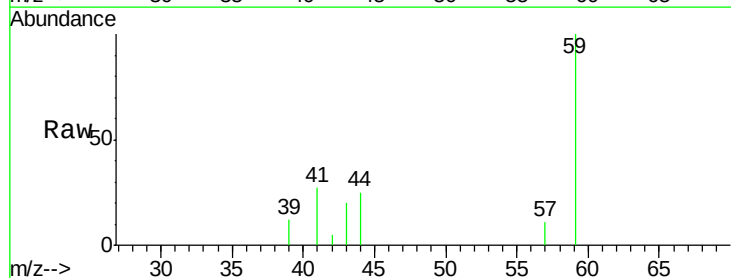
Acq: 29 Jan 2019 17:33

Tgt Ion: 59 Resp: 5330

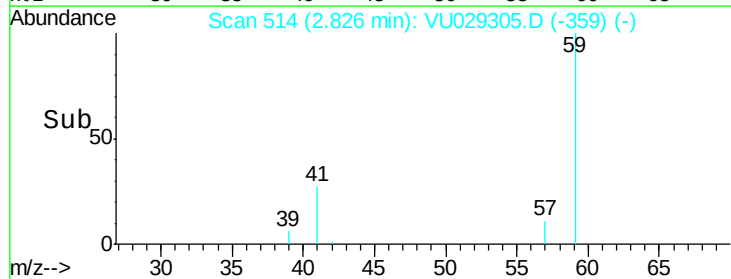
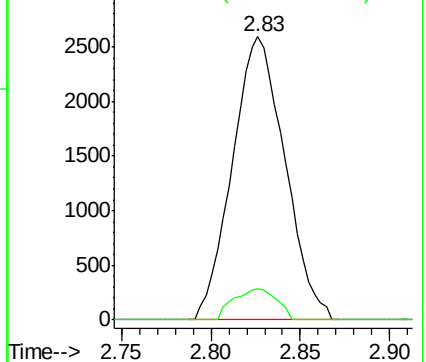
Ion Ratio Lower Upper

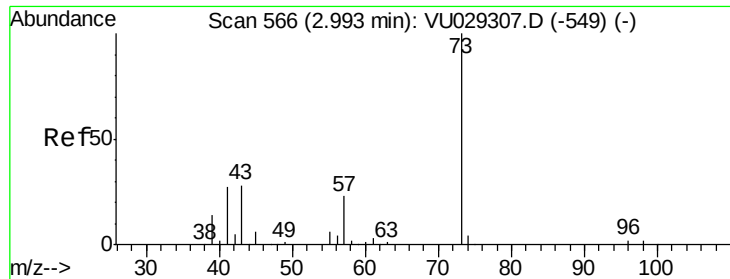
59 100

57 9.0 8.8 13.2



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





#25

Methyl tert-Butyl Ether

Concen: 1.901 ug/l

RT: 2.99 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU029305.D

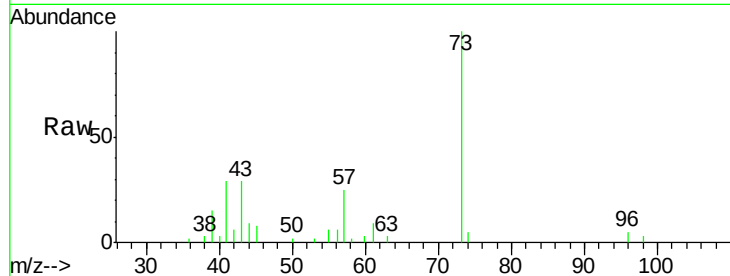
Acq: 29 Jan 2019 17:33

Tgt Ion: 73 Resp: 14422

Ion Ratio Lower Upper

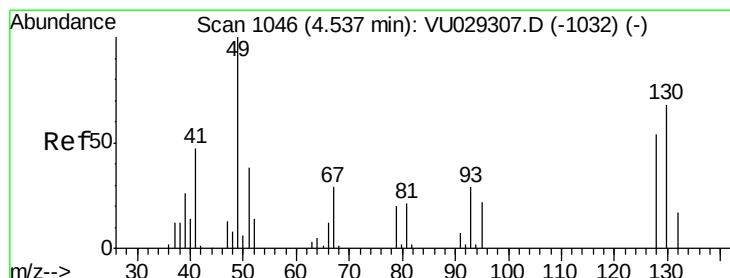
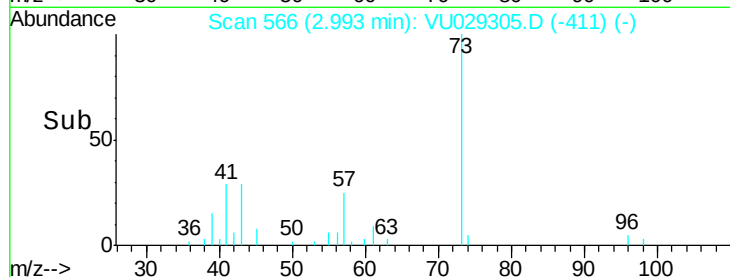
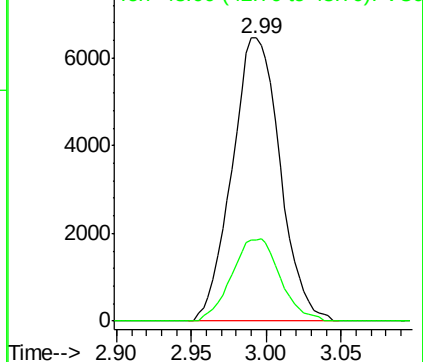
73 100

43 29.3 22.1 33.1



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#26

Bromochloromethane

Concen: 1.873 ug/l

RT: 4.54 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

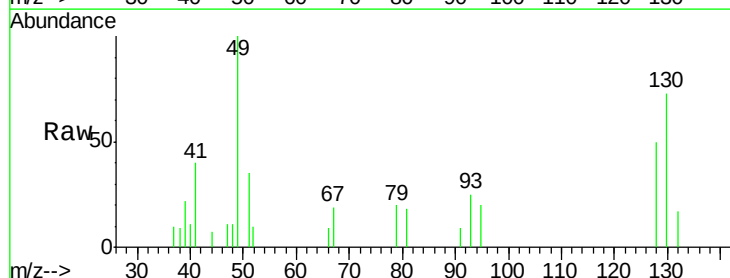
Tgt Ion: 128 Resp: 2080

Ion Ratio Lower Upper

128 100

49 197.4 0.0 401.6

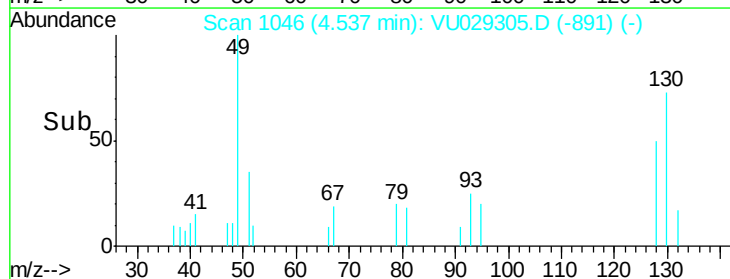
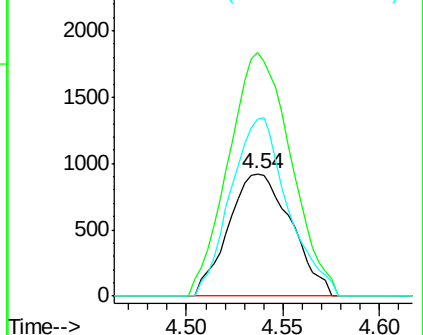
130 132.9 108.0 162.0

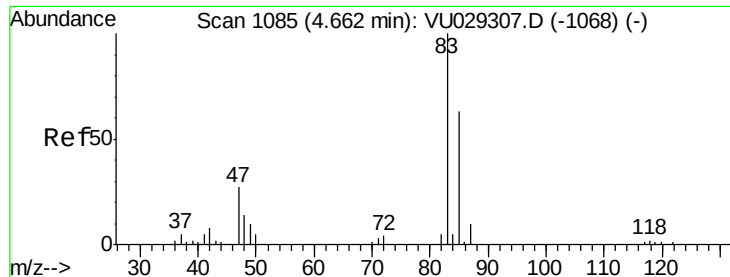


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

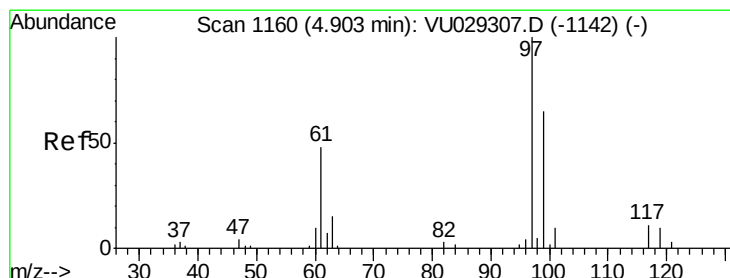
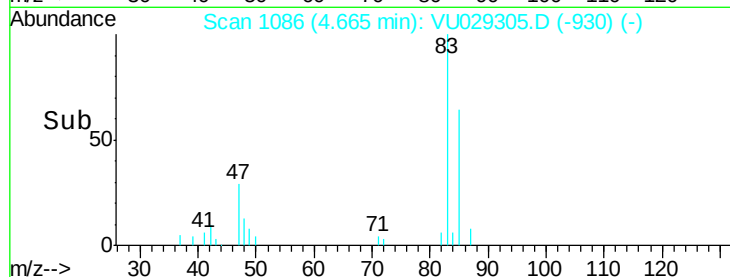
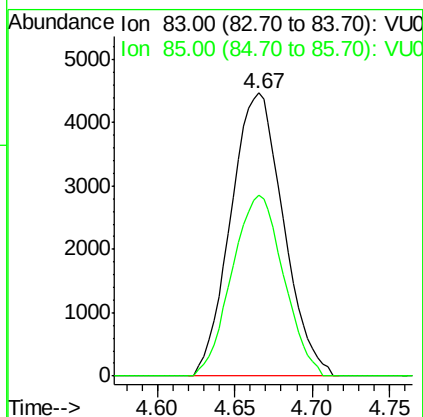
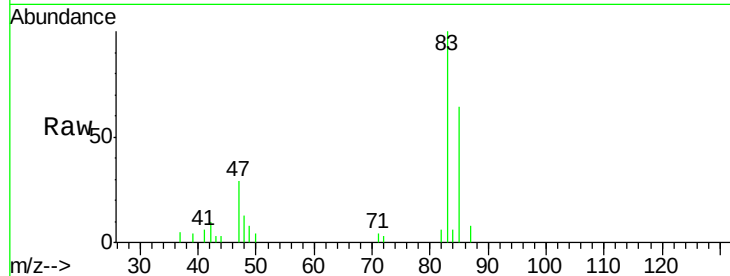
Ion 130.00 (129.70 to 130.70): V





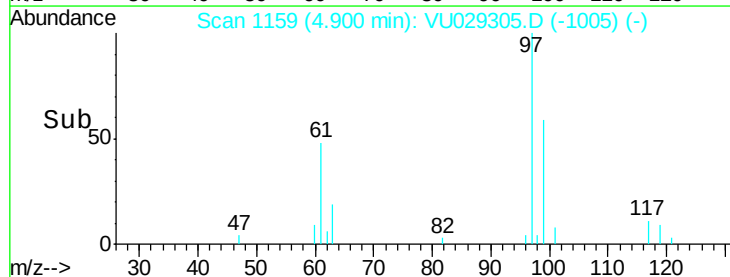
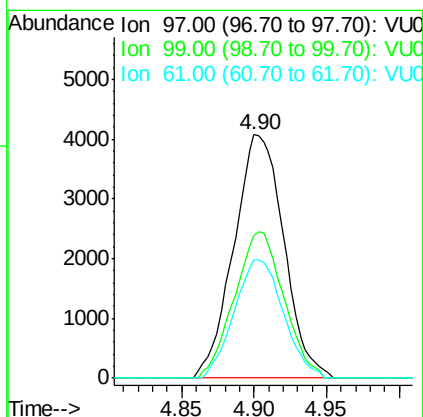
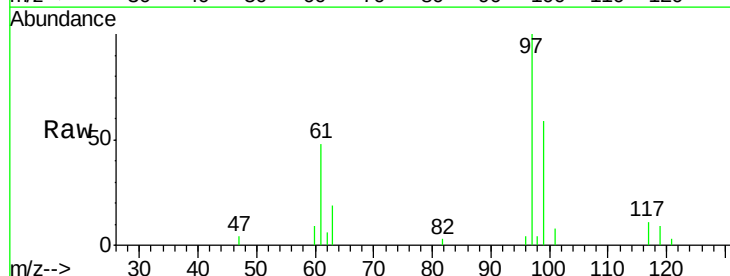
#27
Chloroform
Concen: 1.922 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

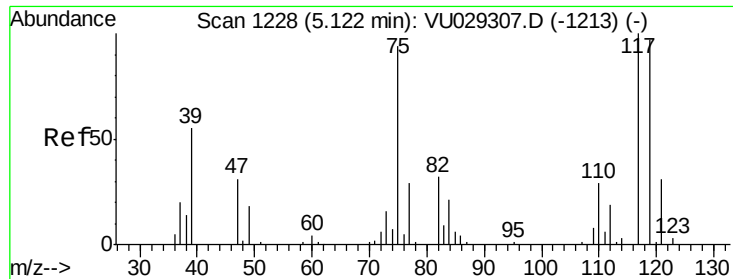
Tgt Ion: 83 Resp: 10559
Ion Ratio Lower Upper
83 100
85 64.0 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 1.954 ug/l
RT: 4.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

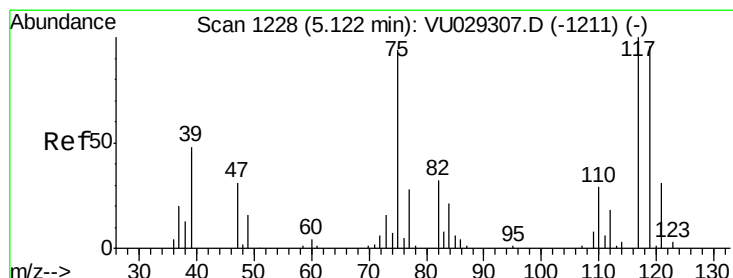
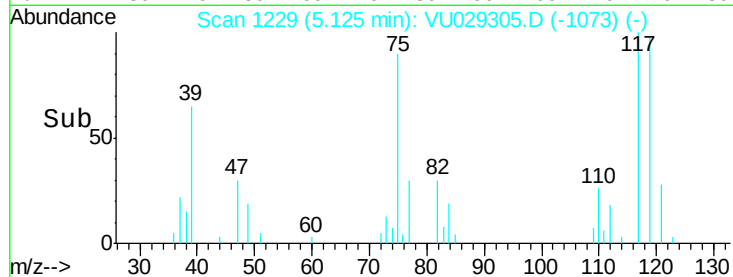
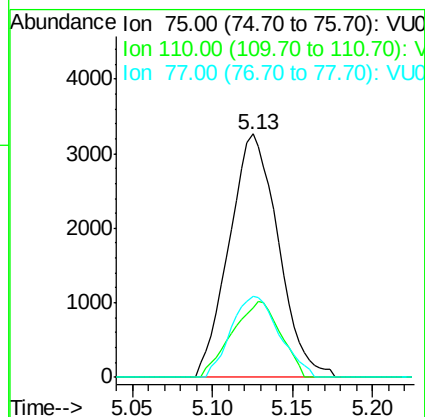
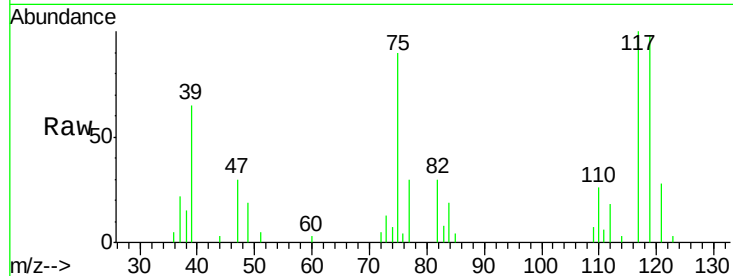
Tgt Ion: 97 Resp: 9768
Ion Ratio Lower Upper
97 100
99 59.3 32.4 97.2
61 47.7 24.4 73.2





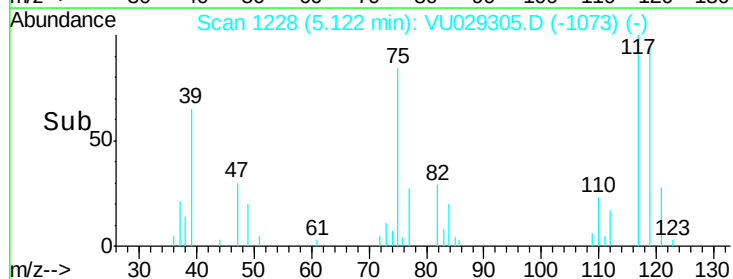
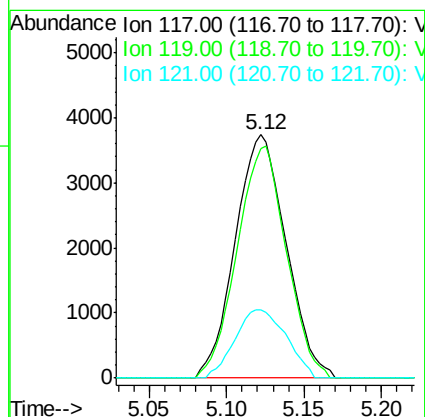
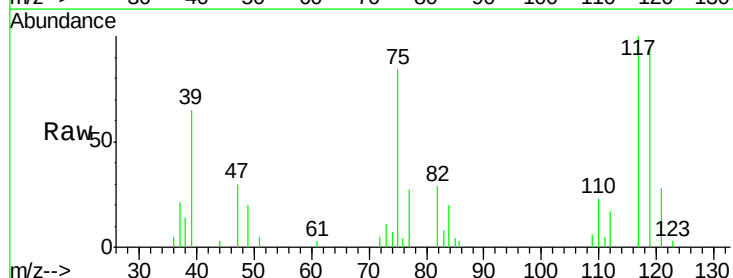
#29
 1,1-Dichloropropene
 Concen: 1.807 ug/l
 RT: 5.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

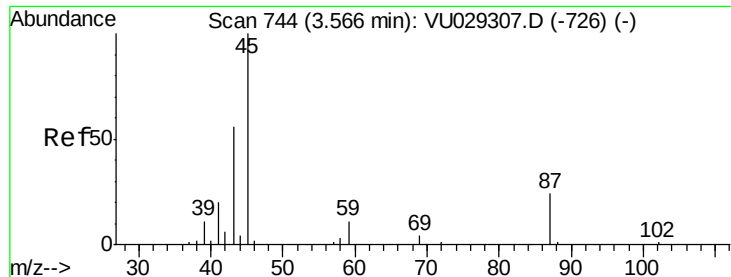
Tgt Ion: 75 Resp: 6844
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.4 46.2
 77 32.6 24.1 36.1



#30
 Carbon Tetrachloride
 Concen: 1.982 ug/l
 RT: 5.12 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 117 Resp: 8547
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.8 115.2
 121 27.9 24.4 36.6





#31

Isopropyl Ether

Concen: 1.648 ug/l

RT: 3.57 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU029305.D

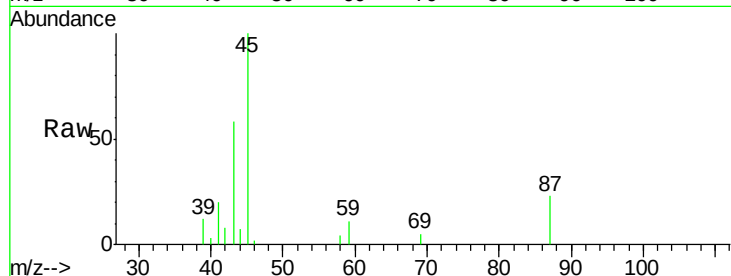
Acq: 29 Jan 2019 17:33

Tgt Ion: 45 Resp: 14669

Ion Ratio Lower Upper

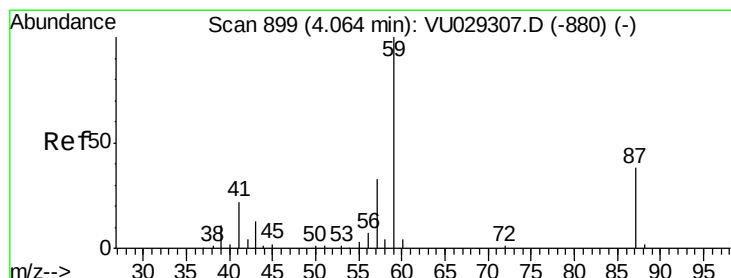
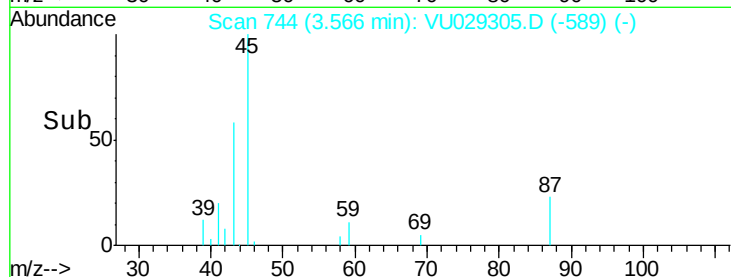
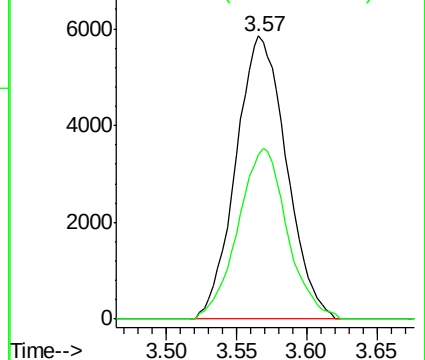
45 100

43 58.7 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.737 ug/l

RT: 4.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VU029305.D

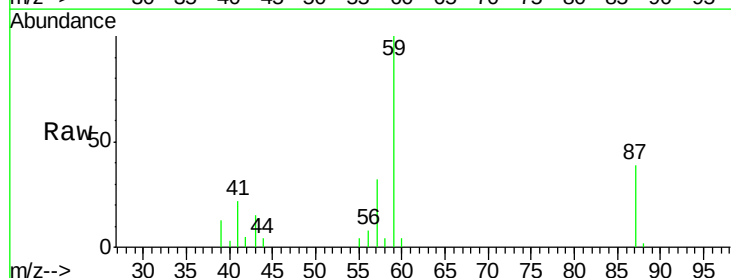
Acq: 29 Jan 2019 17:33

Tgt Ion: 59 Resp: 12896

Ion Ratio Lower Upper

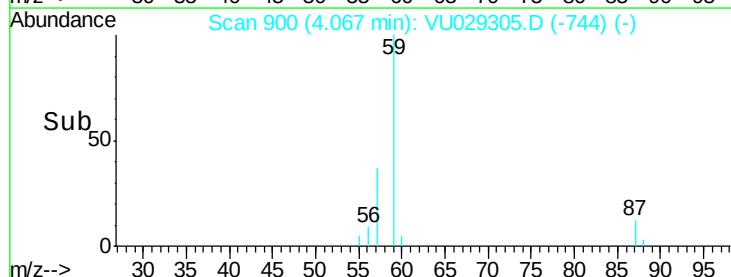
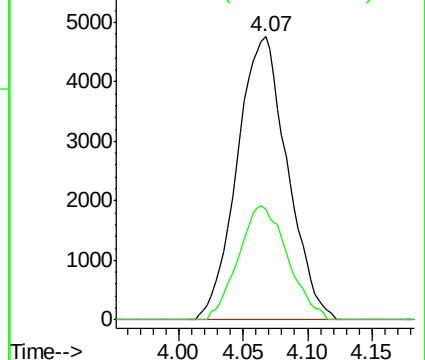
59 100

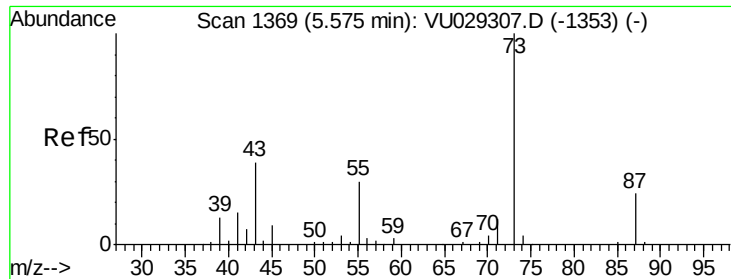
87 39.5 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



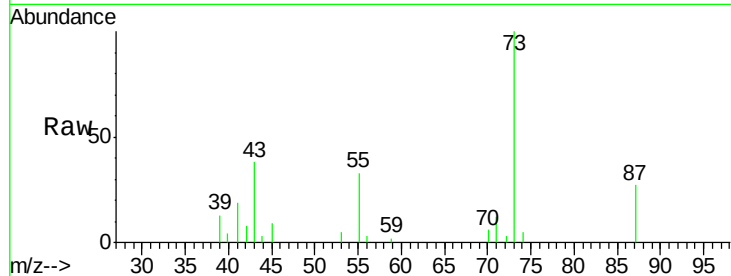


#33

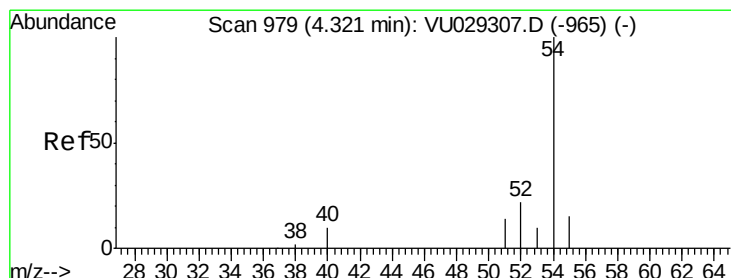
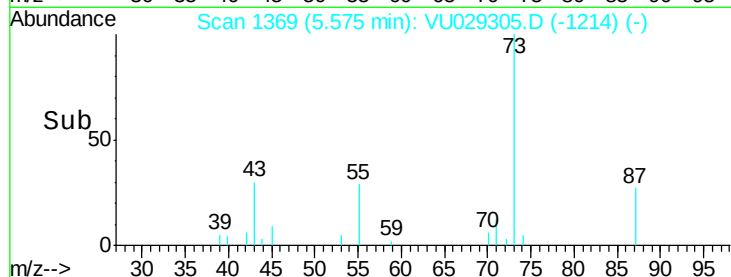
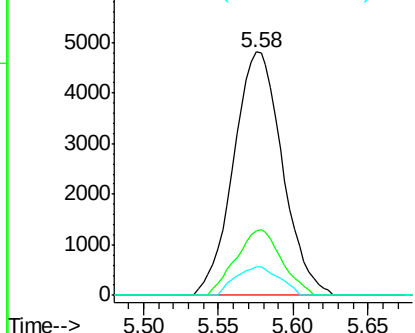
Tert-Amyl methyl ether
Concen: 1.746 ug/l
RT: 5.58 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 73 Resp: 10924

Ion	Ratio	Lower	Upper
73	100		
87	25.4	19.4	29.0
71	10.6	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

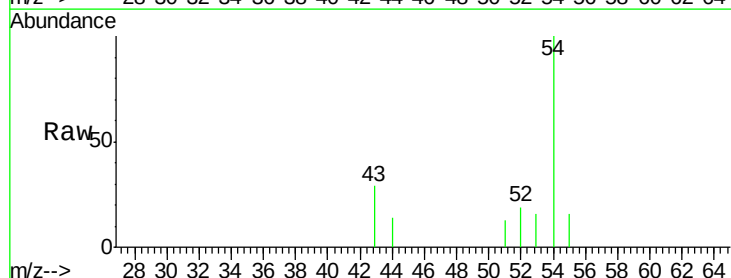


#34

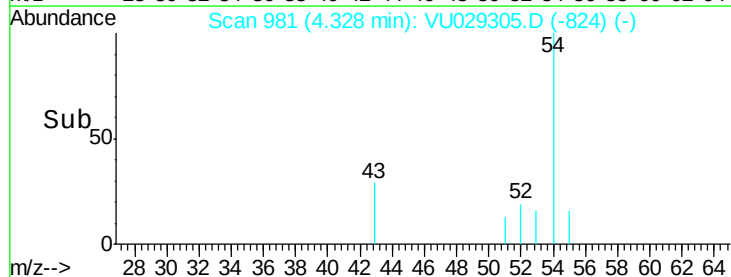
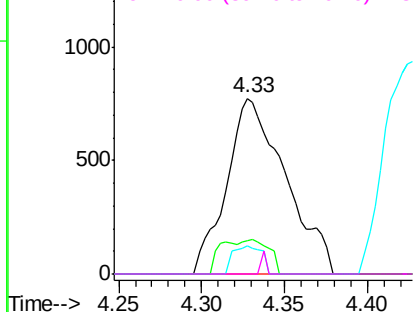
Propionitrile
Concen: 8.693 ug/l
RT: 4.33 min Scan# 981
Delta R.T. 0.01 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

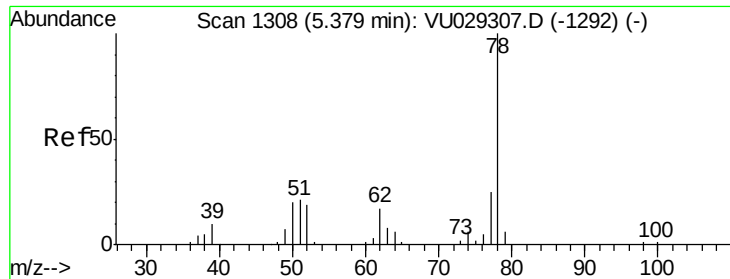
Tgt Ion: 54 Resp: 1913

Ion	Ratio	Lower	Upper
54	100		
52	6.4	18.9	28.3#
55	7.8	15.1	22.7#
40	1.0	7.2	10.8#



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





#35

Benzene

Concen: 1.850 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029305.D

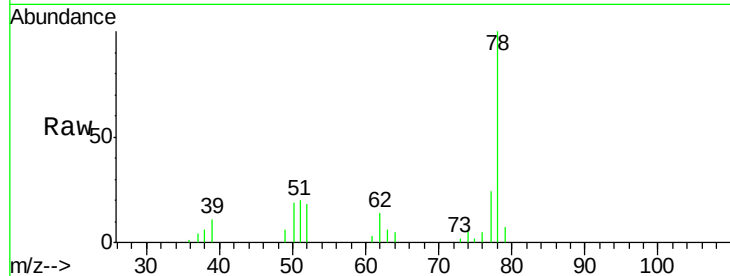
Acq: 29 Jan 2019 17:33

Tgt Ion: 78 Resp: 19103

Ion Ratio Lower Upper

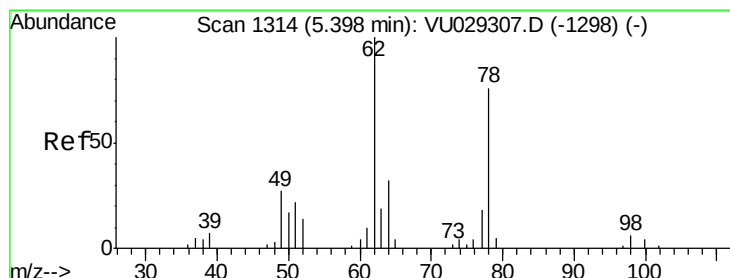
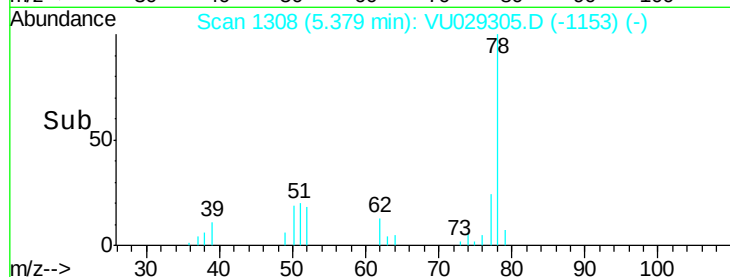
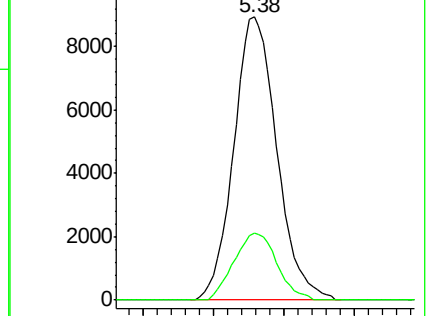
78 100

77 23.7 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.926 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029305.D

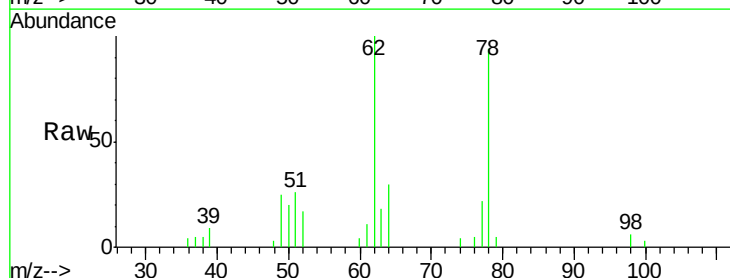
Acq: 29 Jan 2019 17:33

Tgt Ion: 62 Resp: 8301

Ion Ratio Lower Upper

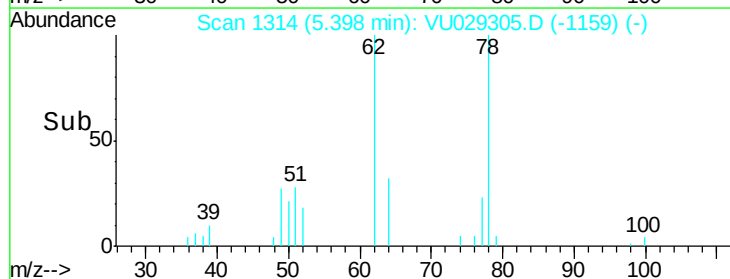
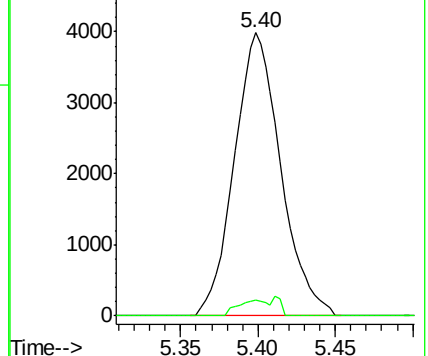
62 100

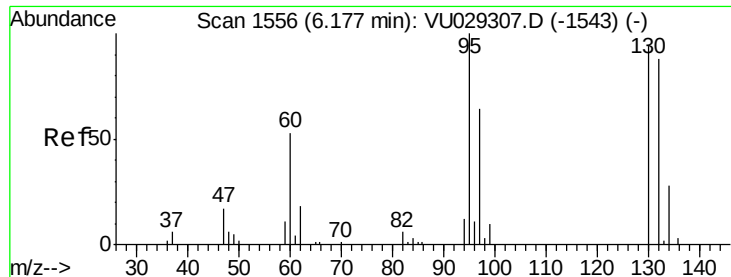
98 3.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

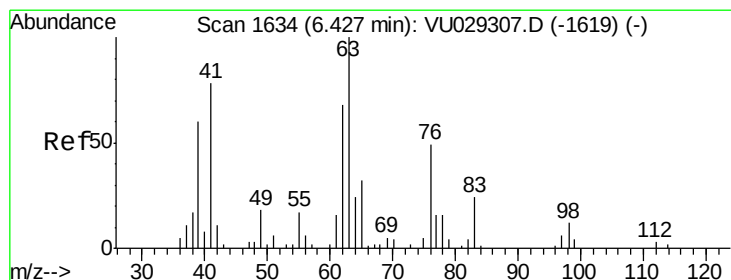
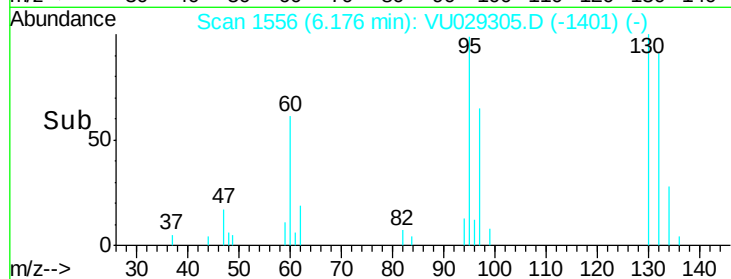
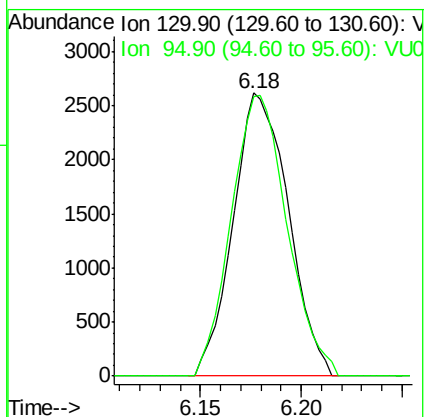
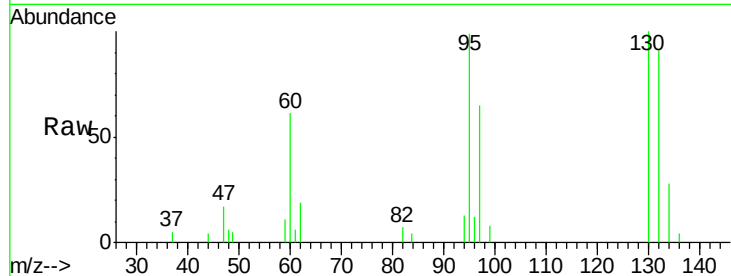
Ion 98.00 (97.70 to 98.70): VU0





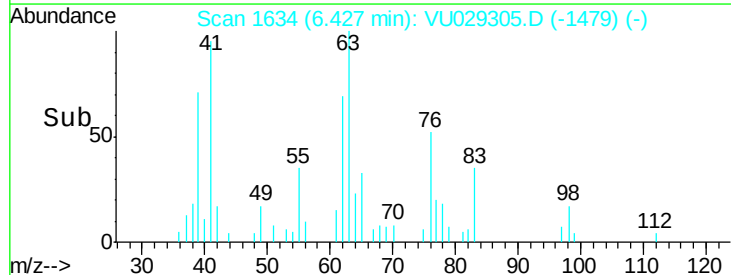
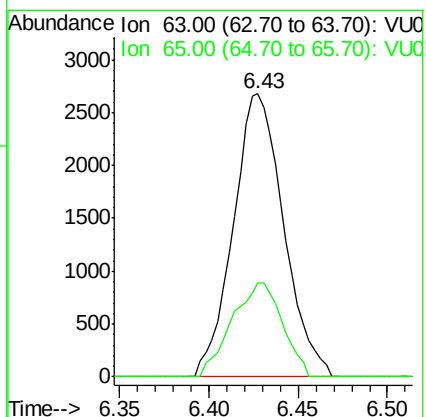
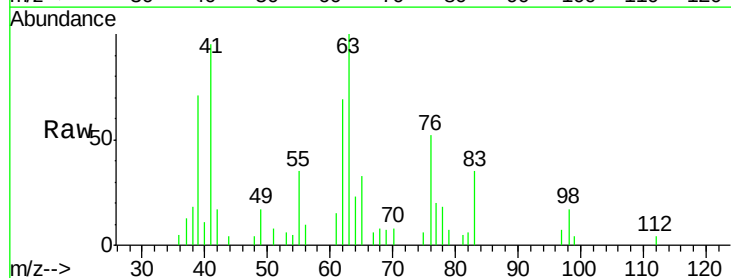
#37
 Trichloroethene
 Concen: 2.000 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

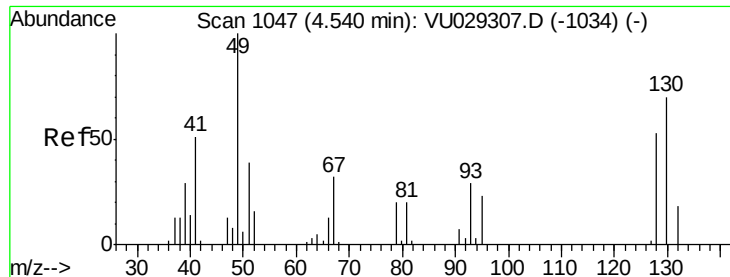
Tgt Ion: 130 Resp: 5009
 Ion Ratio Lower Upper
 130 100
 95 99.0 85.4 128.0



#38
 1,2-Dichloropropane
 Concen: 1.841 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

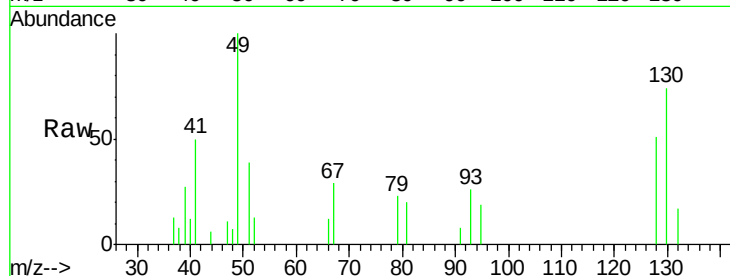
Tgt Ion: 63 Resp: 5259
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.5 38.3



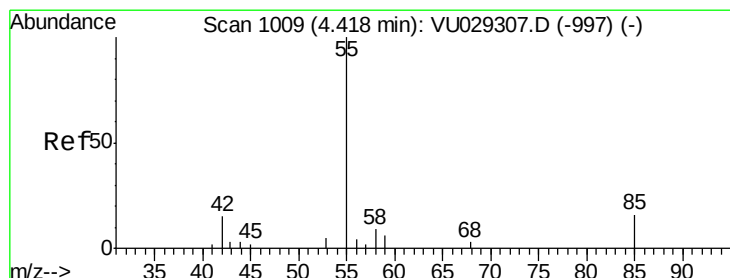
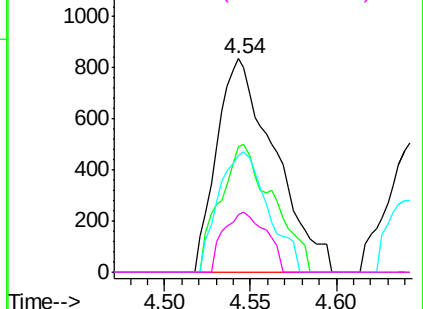
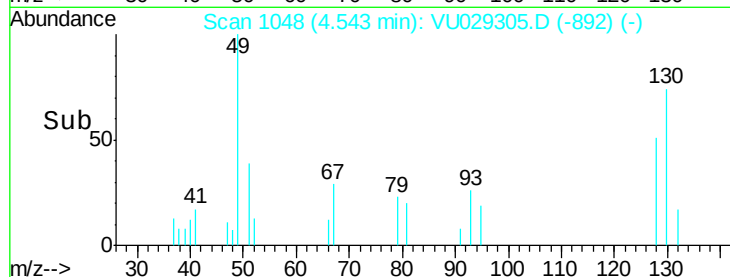


#39
Methacrylonitrile
Concen: 1.877 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 41 Resp: 1966
Ion Ratio Lower Upper
41 100
67 54.2 50.1 75.1
39 47.8 47.9 71.9#
52 20.7 24.8 37.2#

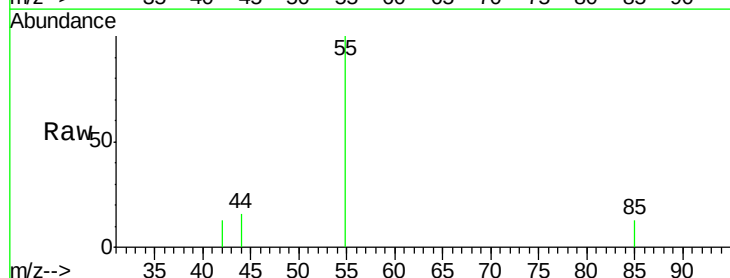


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

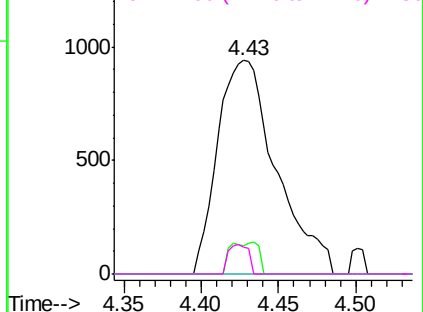
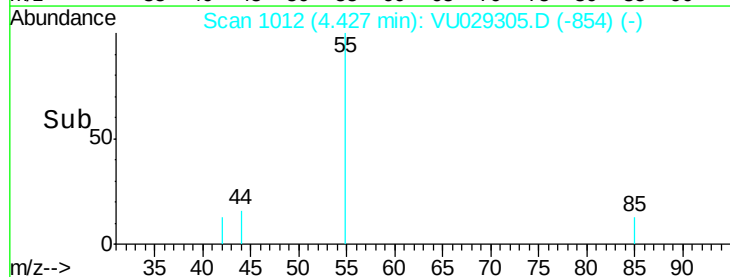


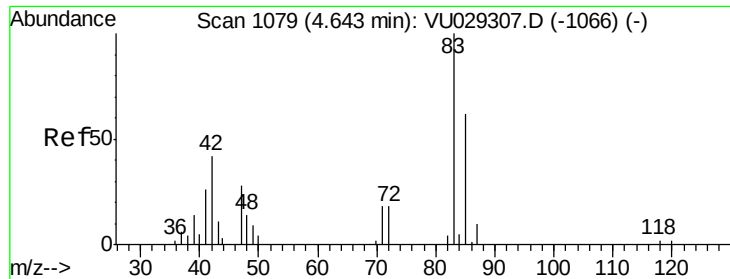
#40
Methyl acrylate
Concen: 1.699 ug/l
RT: 4.43 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 55 Resp: 2483
Ion Ratio Lower Upper
55 100
85 0.0 11.3 16.9#
58 0.0 6.2 9.4#
42 4.6 10.1 15.1#



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





#41

Tetrahydrofuran

Concen: 3.323 ug/l

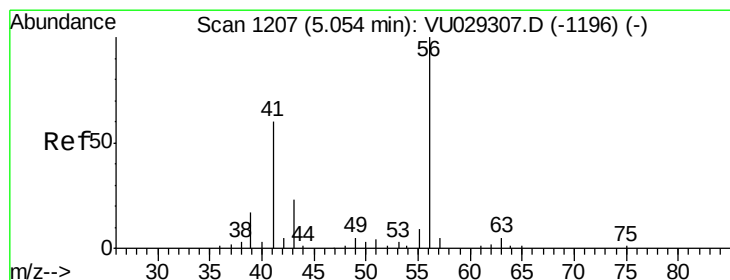
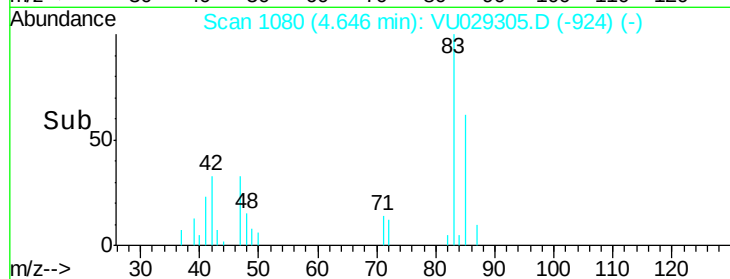
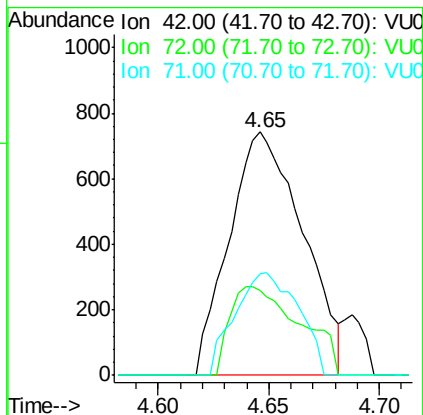
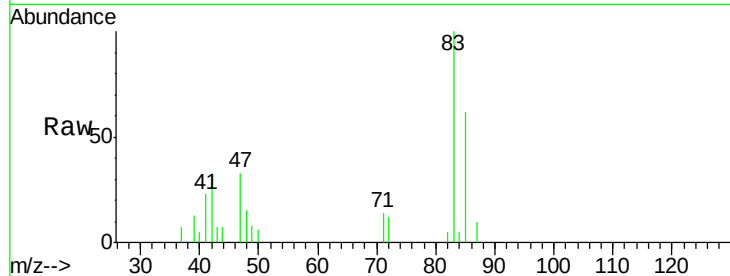
RT: 4.65 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion:	42	Resp:	1723
Ion	Ratio	Lower	Upper
42	100		
72	34.6	33.1	49.7
71	36.3	30.2	45.2



#42

1-Chlorobutane

Concen: 1.775 ug/l

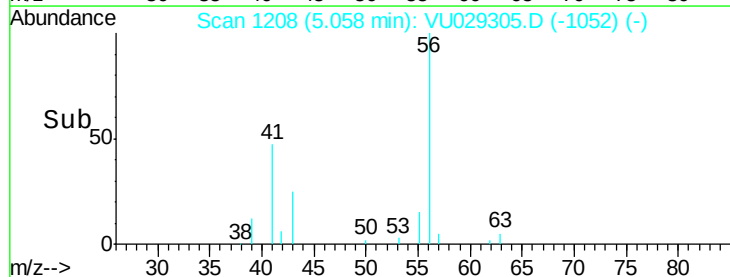
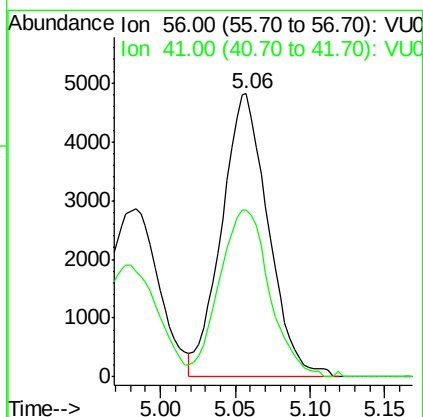
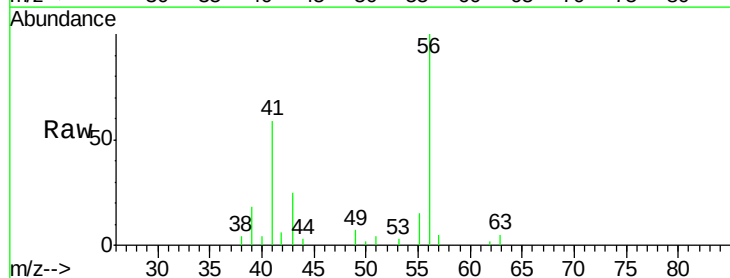
RT: 5.06 min Scan# 1208

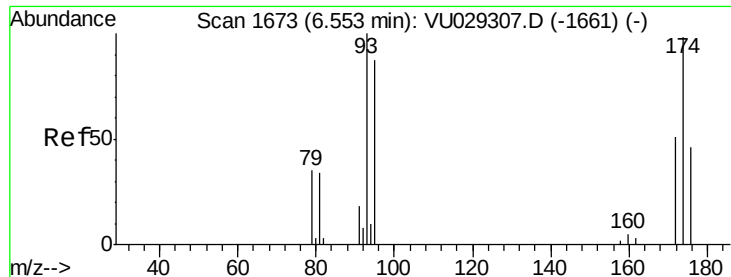
Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion:	56	Resp:	10449
Ion	Ratio	Lower	Upper
56	100		
41	63.4	31.3	93.8





#43

Dibromomethane

Concen: 1.844 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

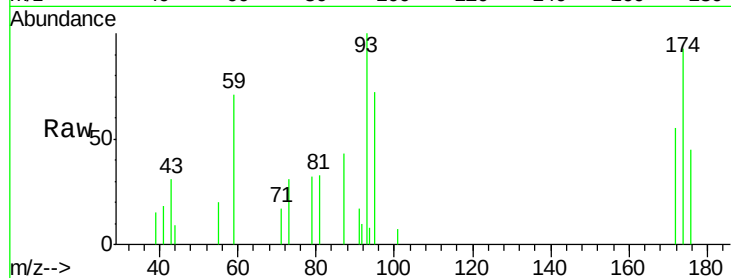
Tgt Ion: 93 Resp: 2672

Ion Ratio Lower Upper

93 100

95 77.1 68.2 102.2

174 92.0 77.6 116.4

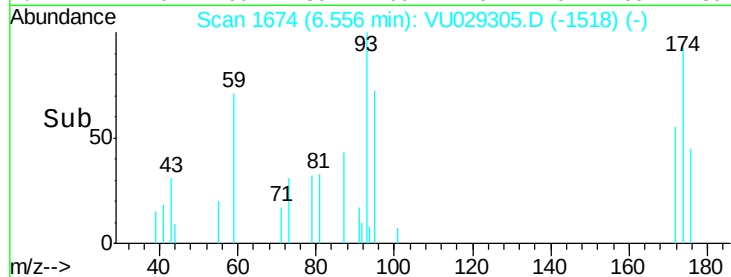


Abundance Ion 93.00 (92.70 to 93.70): VU029305.D (-1518) (-)

Ion 95.00 (94.70 to 95.70): VU029305.D (-1518) (-)

Ion 174.00 (173.70 to 174.70): VU029305.D (-1518) (-)

Time-->



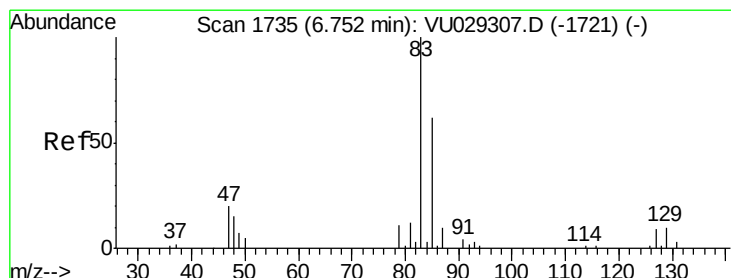
Abundance

Ion 93.00 (92.70 to 93.70): VU029305.D (-1518) (-)

Ion 95.00 (94.70 to 95.70): VU029305.D (-1518) (-)

Ion 174.00 (173.70 to 174.70): VU029305.D (-1518) (-)

Time-->



#44

Bromodichloromethane

Concen: 1.841 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

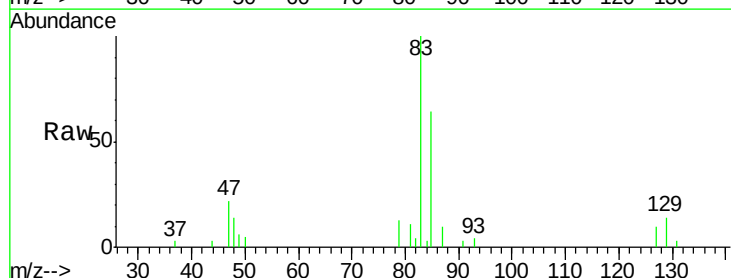
Tgt Ion: 83 Resp: 7596

Ion Ratio Lower Upper

83 100

85 64.2 49.2 73.8

127 10.1 7.0 10.6

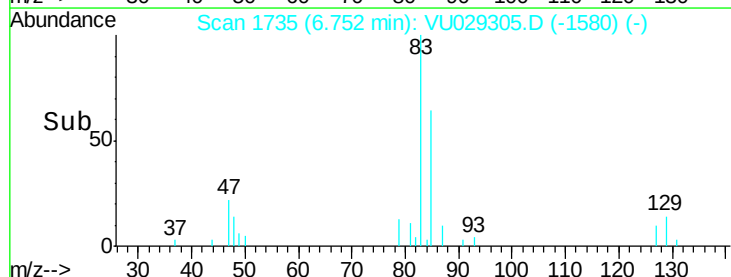


Abundance Ion 83.00 (82.70 to 83.70): VU029305.D (-1580) (-)

Ion 85.00 (84.70 to 85.70): VU029305.D (-1580) (-)

Ion 127.00 (126.70 to 127.70): VU029305.D (-1580) (-)

Time-->



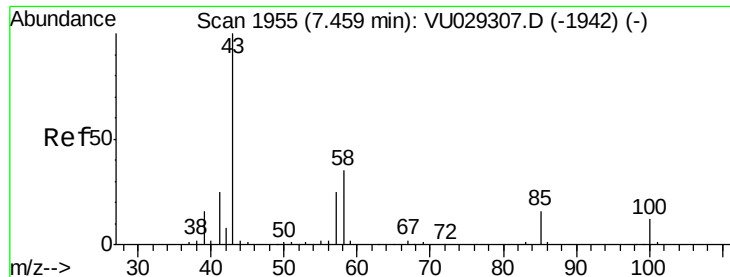
Abundance

Ion 83.00 (82.70 to 83.70): VU029305.D (-1580) (-)

Ion 85.00 (84.70 to 85.70): VU029305.D (-1580) (-)

Ion 127.00 (126.70 to 127.70): VU029305.D (-1580) (-)

Time-->



#45

4-Methyl-2-Pentanone

Concen: 8.929 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

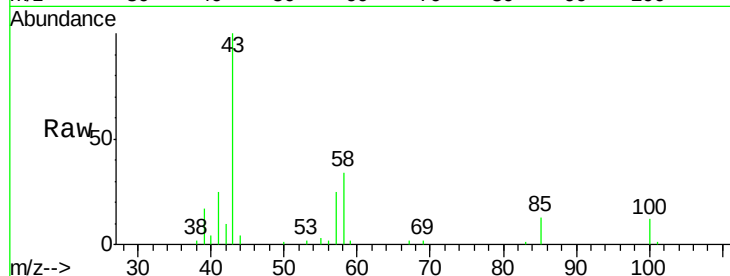
Tgt Ion: 43 Resp: 18108

Ion Ratio Lower Upper

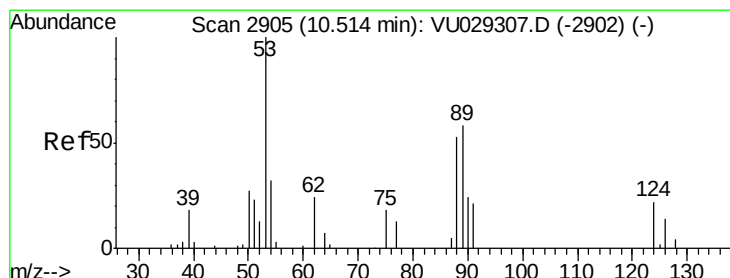
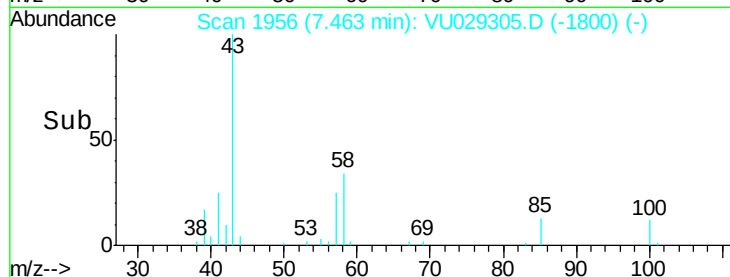
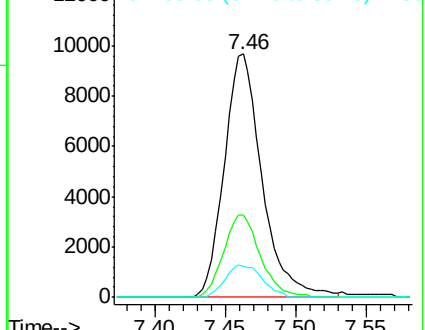
43 100

58 33.0 17.6 52.8

85 12.9 12.3 18.5



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



#46

t-1,4-Dichloro-2-butene

Concen: 4.545 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 75 Resp: 3207

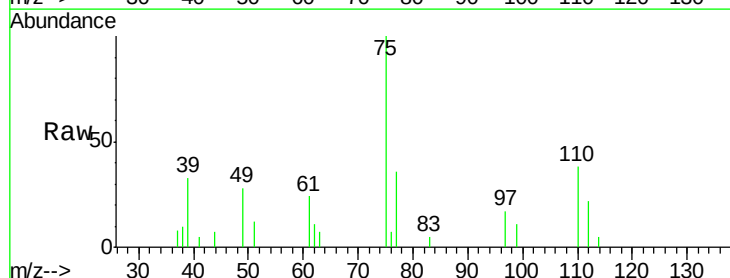
Ion Ratio Lower Upper

75 100

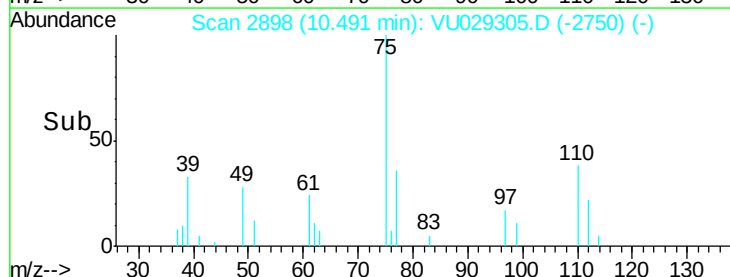
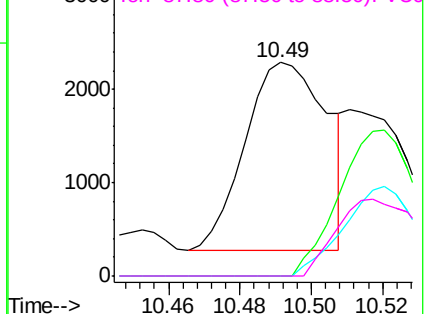
53 76.8 78.2 117.4#

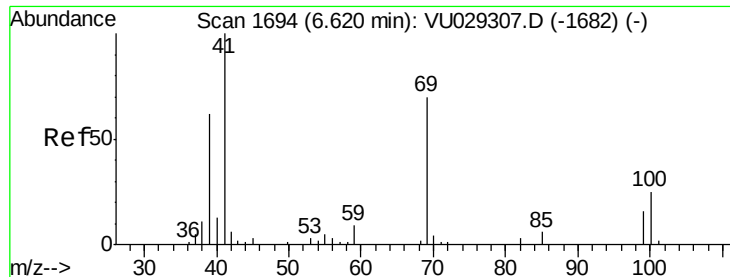
89 43.2 44.2 66.4#

88 41.5 41.4 62.2



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





#47

Methyl methacrylate

Concen: 3.384 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 69 Resp: 4166

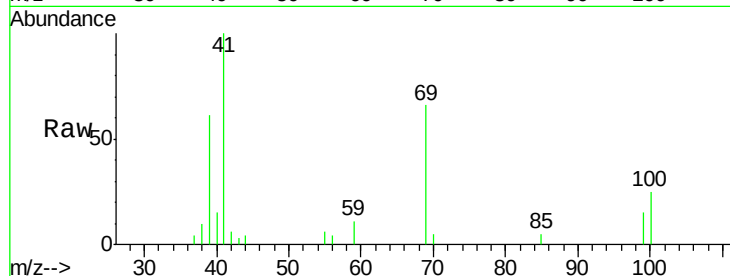
Ion Ratio Lower Upper

69 100

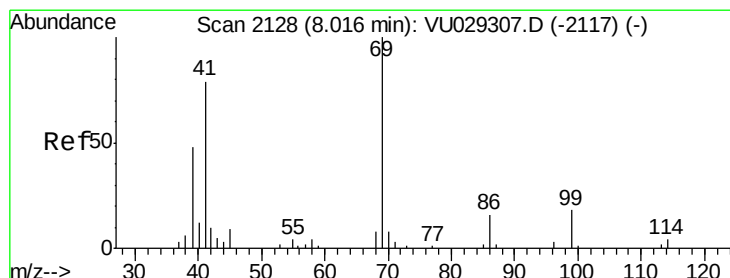
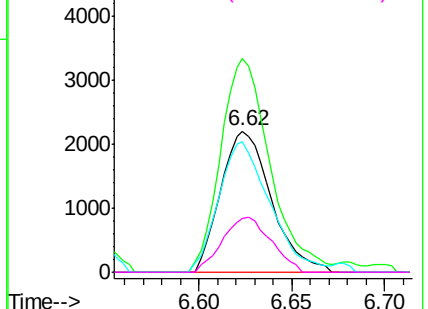
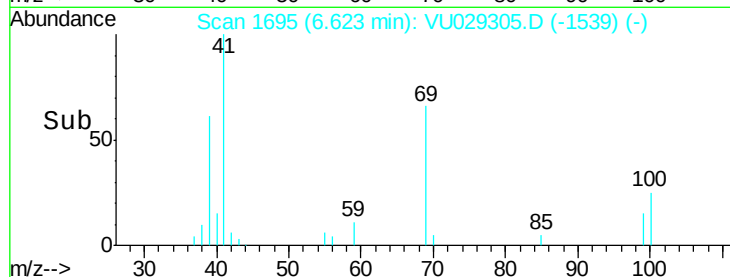
41 148.2 0.0 296.2

39 93.6 71.2 106.8

100 37.3 28.6 42.8



Abundance Ion 69.00 (68.70 to 69.70): VU029305.D (-1539) (-)



#48

Ethyl methacrylate

Concen: 1.753 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU029305.D

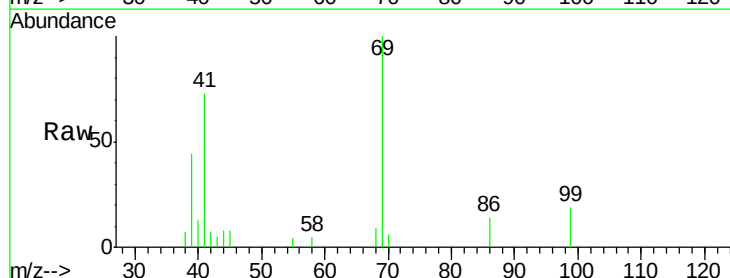
Acq: 29 Jan 2019 17:33

Tgt Ion: 69 Resp: 4118

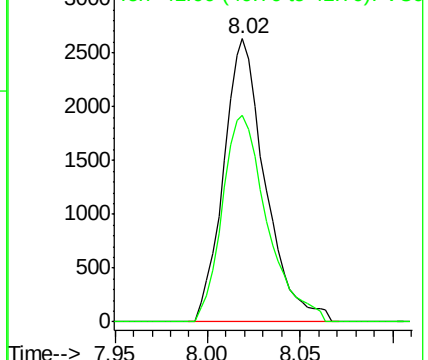
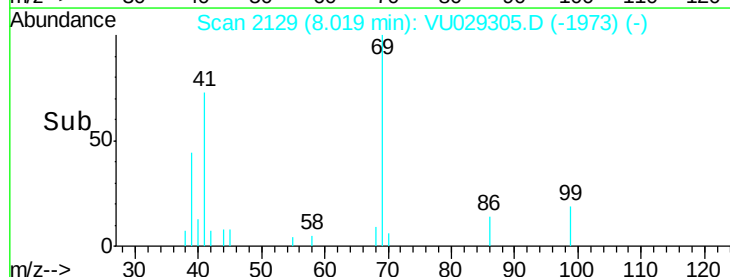
Ion Ratio Lower Upper

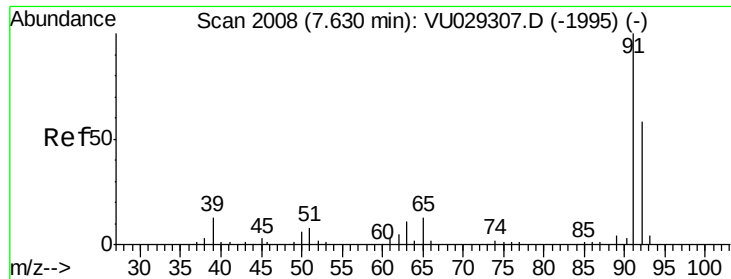
69 100

41 78.3 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU029305.D (-1973) (-)





#49

Toluene

Concen: 1.850 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029305.D

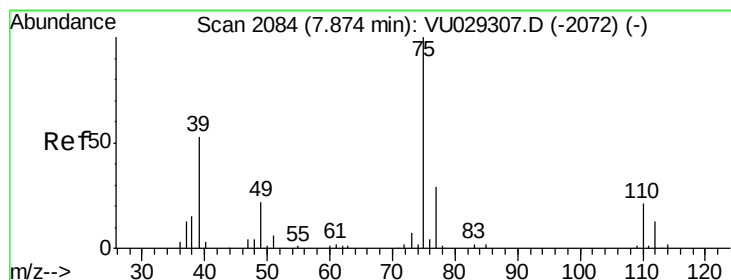
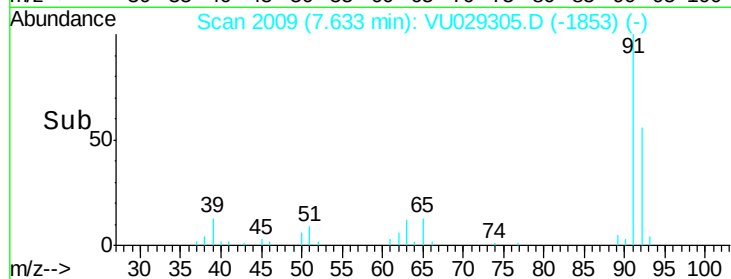
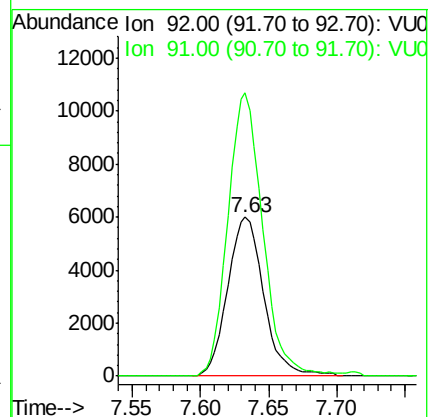
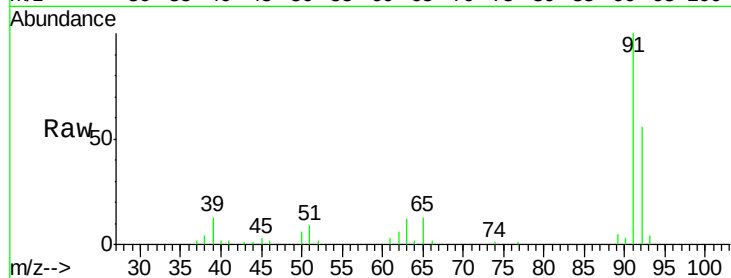
Acq: 29 Jan 2019 17:33

Tgt Ion: 92 Resp: 11023

Ion Ratio Lower Upper

92 100

91 172.3 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 1.837 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029305.D

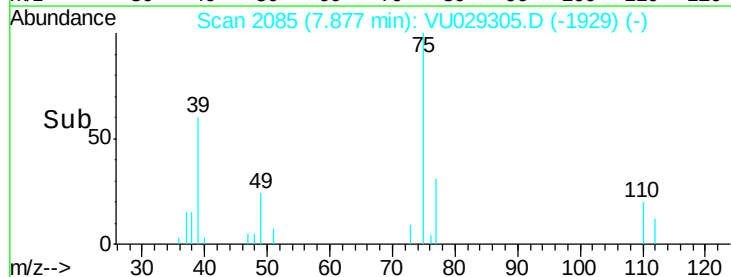
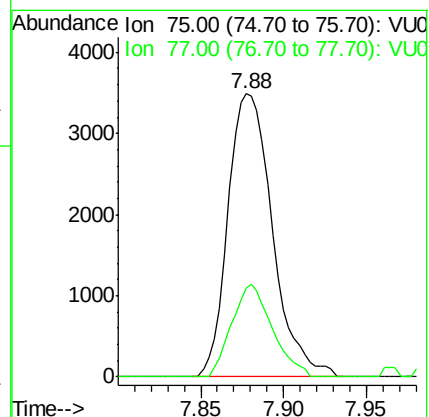
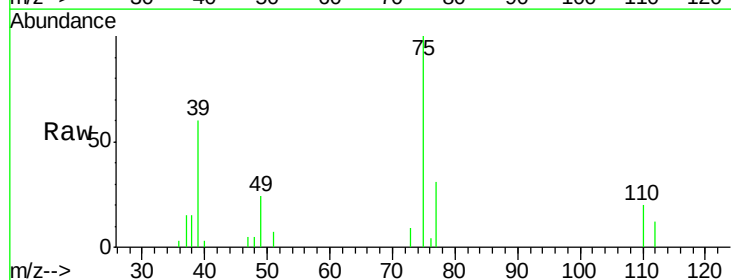
Acq: 29 Jan 2019 17:33

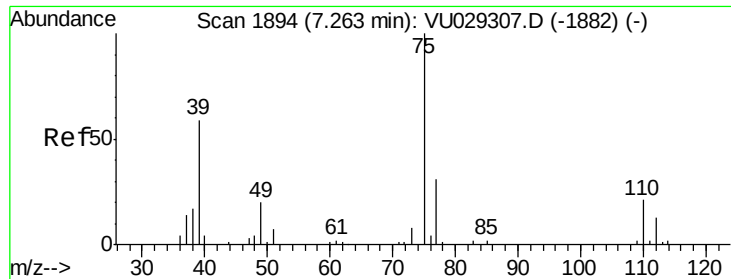
Tgt Ion: 75 Resp: 6487

Ion Ratio Lower Upper

75 100

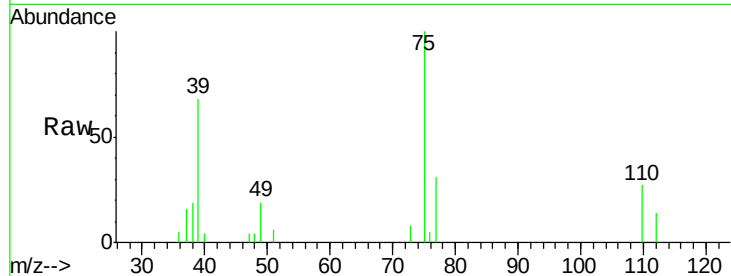
77 31.4 23.6 35.4





#51
 cis-1,3-Dichloropropene
 Concen: 1.747 ug/l
 RT: 7.27 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3
39	67.7	47.2	70.8

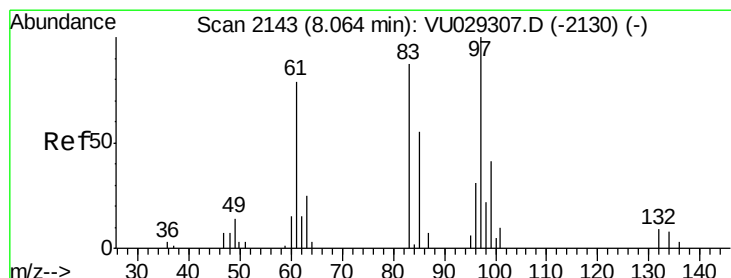
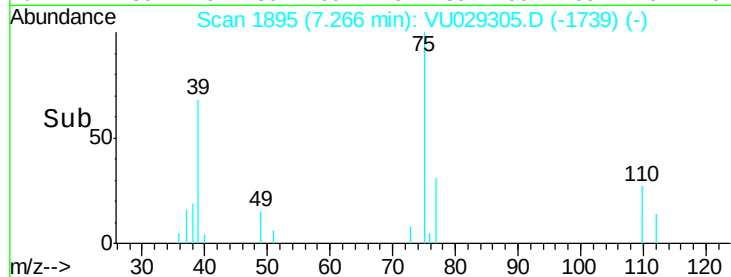
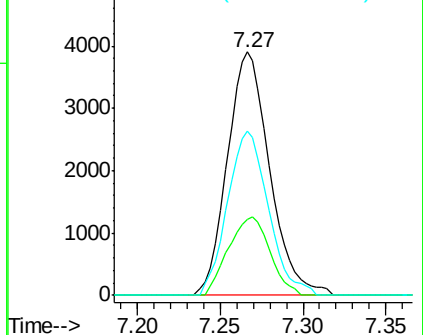


Abundance

Ion 75.00 (74.70 to 75.70): VU0

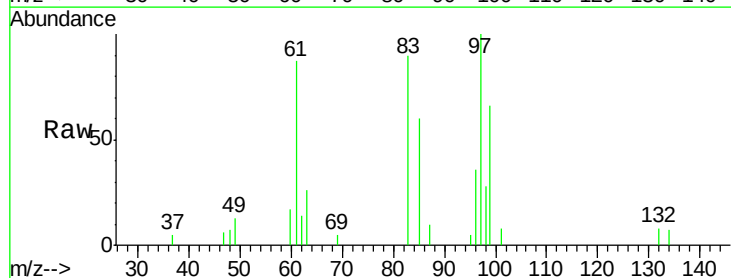
Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52
 1,1,2-Trichloroethane
 Concen: 1.829 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.9	104.9
85	59.9	45.8	68.6
99	66.2	50.2	75.2



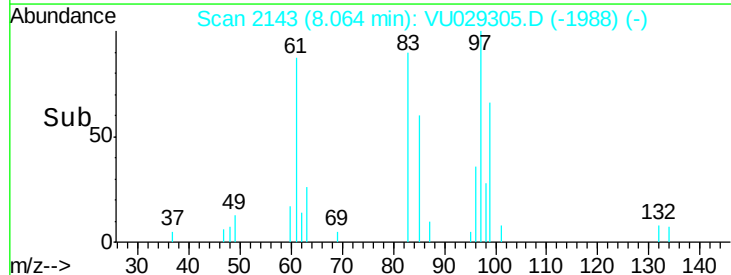
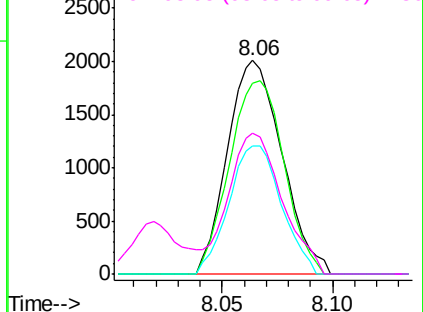
Abundance

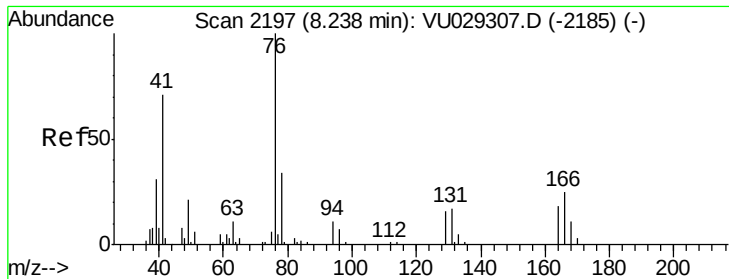
Ion 97.00 (96.70 to 97.70): VU0

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: 1.846 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU029305.D

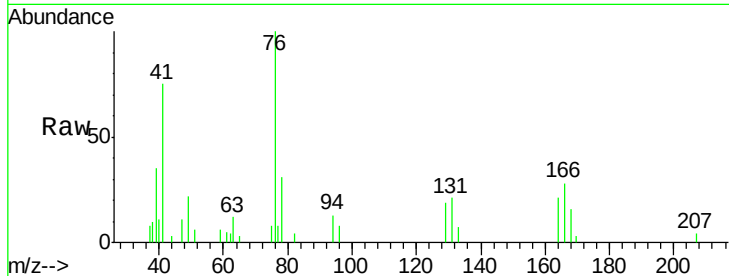
Acq: 29 Jan 2019 17:33

Tgt Ion: 76 Resp: 6502

Ion Ratio Lower Upper

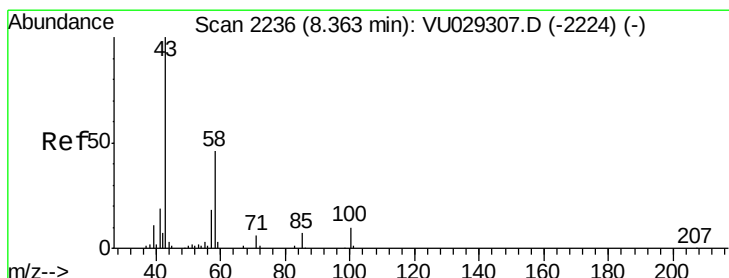
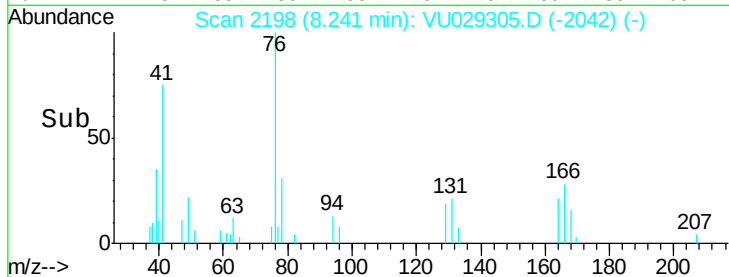
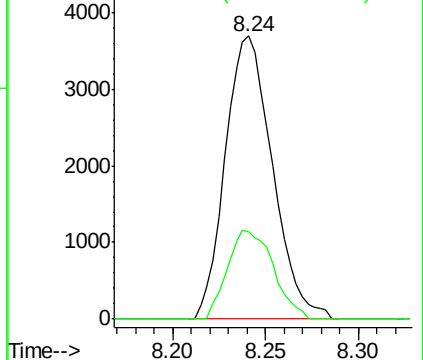
76 100

78 30.4 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: 8.683 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

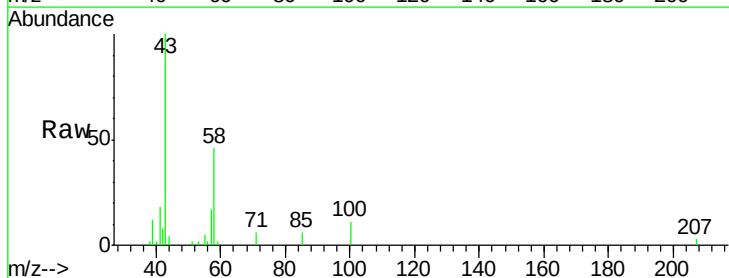
Tgt Ion: 43 Resp: 12134

Ion Ratio Lower Upper

43 100

58 46.6 26.0 66.0

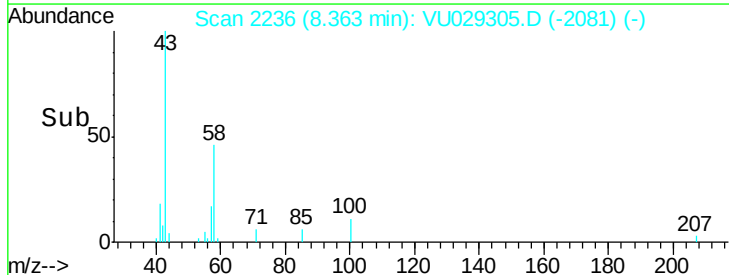
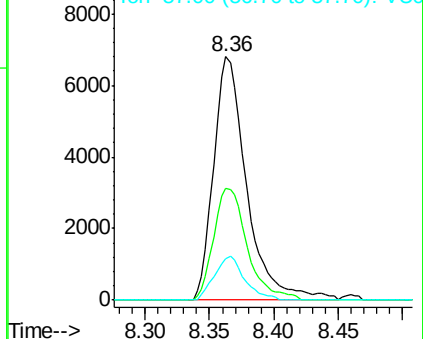
57 16.4 0.0 37.7

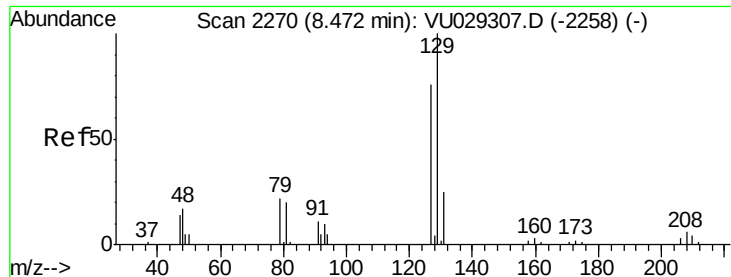


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

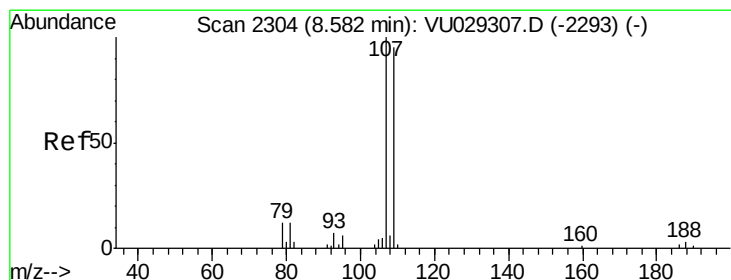
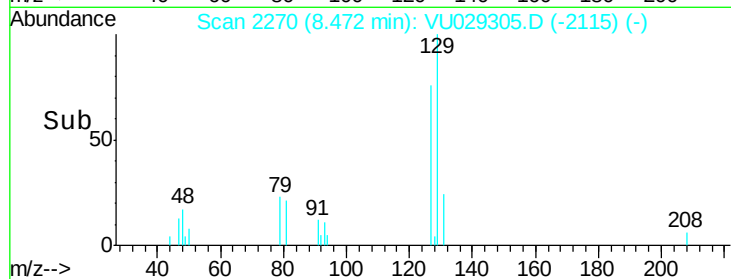
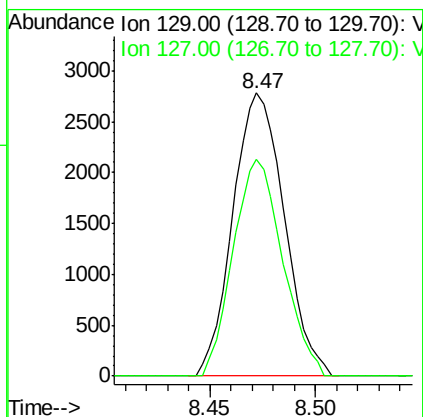
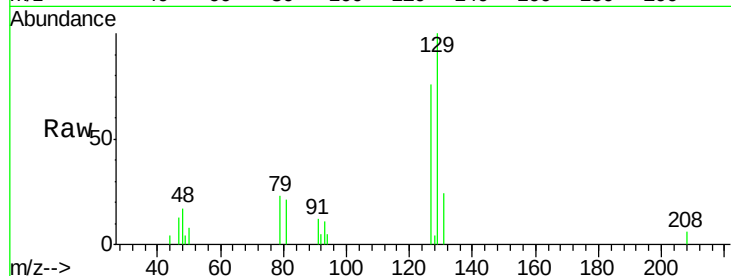
Ion 57.00 (56.70 to 57.70): VU0





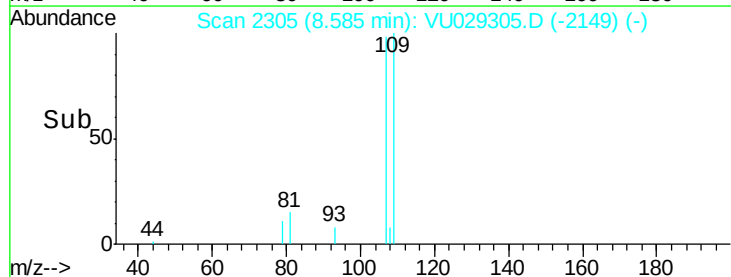
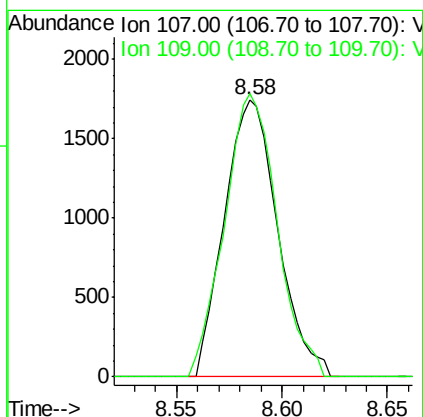
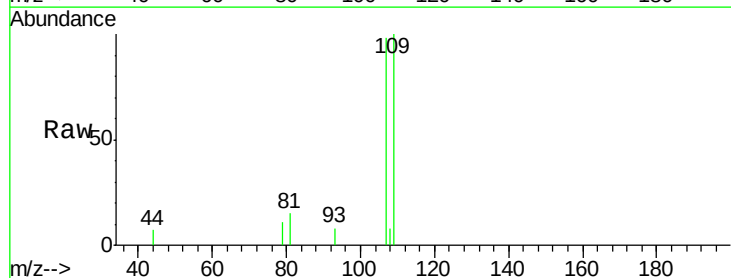
#55
 Dibromochloromethane
 Concen: 1.933 ug/l
 RT: 8.47 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

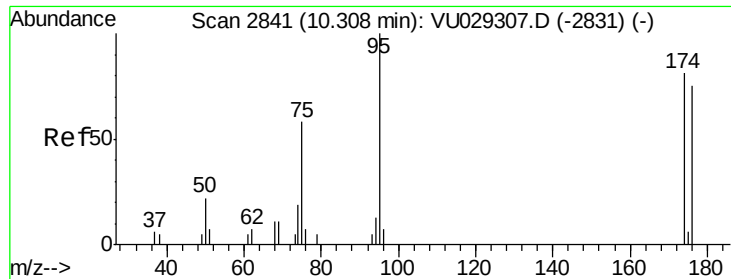
Tgt Ion:129 Resp: 4717
 Ion Ratio Lower Upper
 129 100
 127 73.6 60.5 90.7



#56
 1,2-Dibromoethane
 Concen: 1.807 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

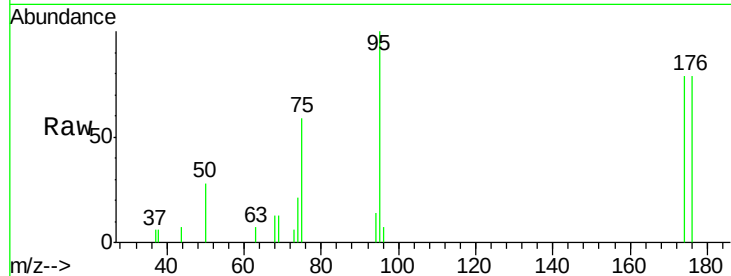
Tgt Ion:107 Resp: 3078
 Ion Ratio Lower Upper
 107 100
 109 100.6 0.0 189.6



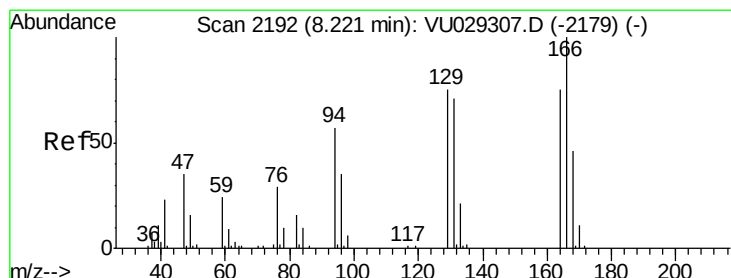
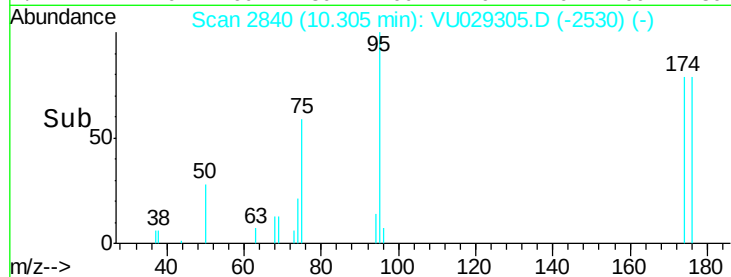
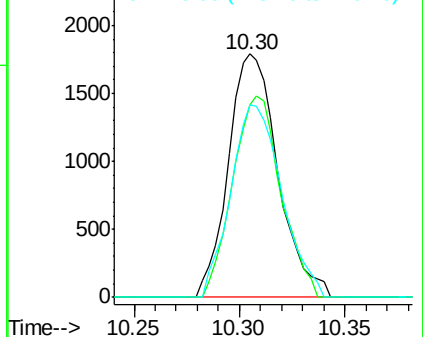


#57
4-Bromofluorobenzene
Concen: 1.807 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 95 Resp: 2923
Ion Ratio Lower Upper
95 100
174 80.3 64.2 96.2
176 81.1 62.3 93.5

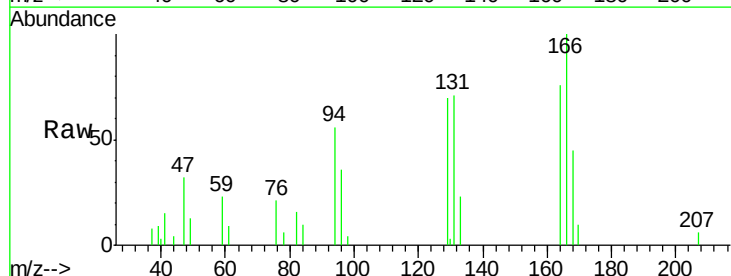


Abundance Ion 95.00 (94.70 to 95.70): VU
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

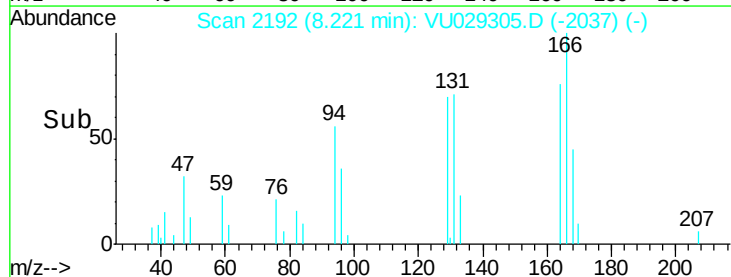
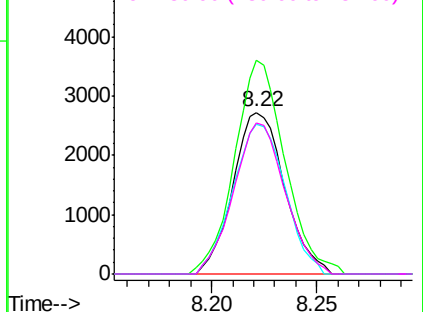


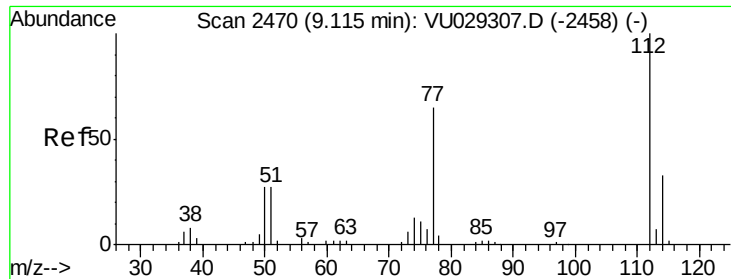
#58
Tetrachloroethene
Concen: 1.935 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion: 164 Resp: 4634
Ion Ratio Lower Upper
164 100
166 132.0 106.6 159.8
129 92.9 79.9 119.9
131 93.5 75.8 113.8



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





#59

Chlorobenzene

Concen: 1.883 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029305.D

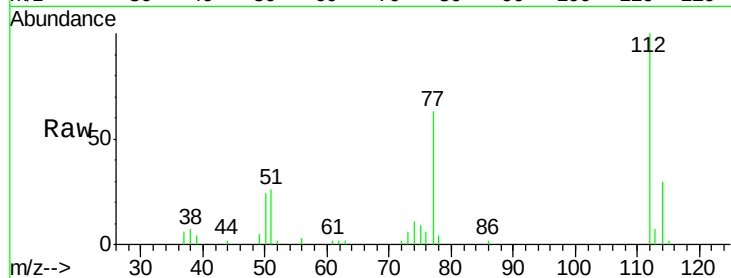
Acq: 29 Jan 2019 17:33

Tgt Ion:112 Resp: 11949

Ion Ratio Lower Upper

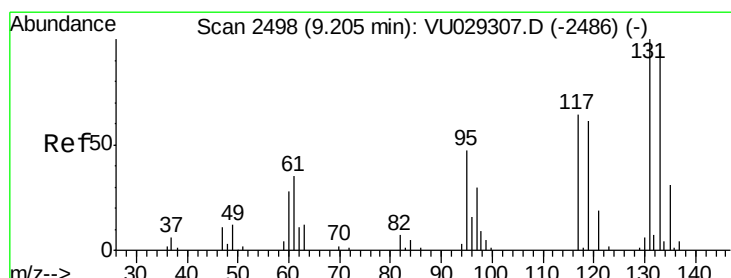
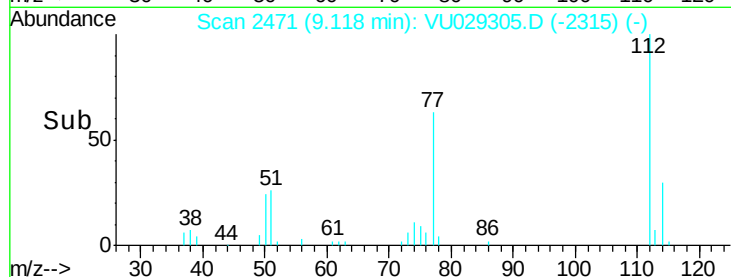
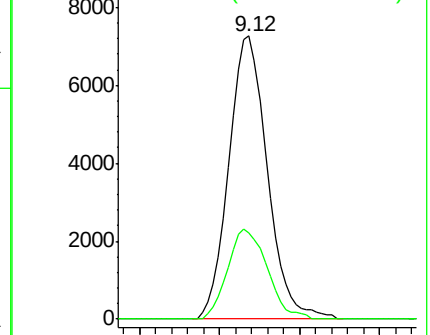
112 100

114 30.3 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.905 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

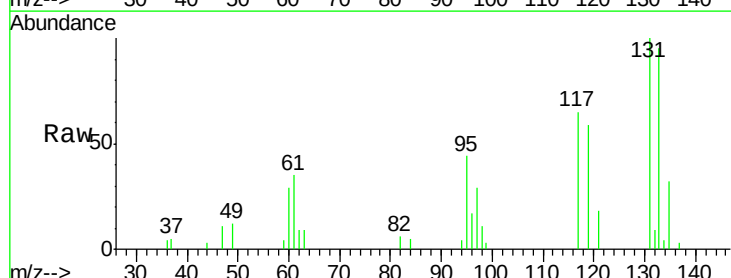
Tgt Ion:131 Resp: 5008

Ion Ratio Lower Upper

131 100

133 93.8 77.3 115.9

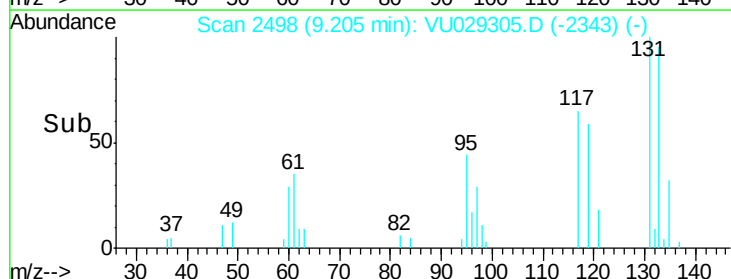
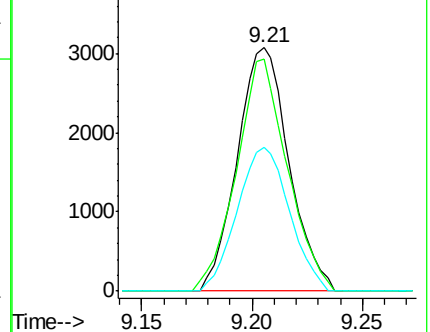
119 59.6 48.9 73.3

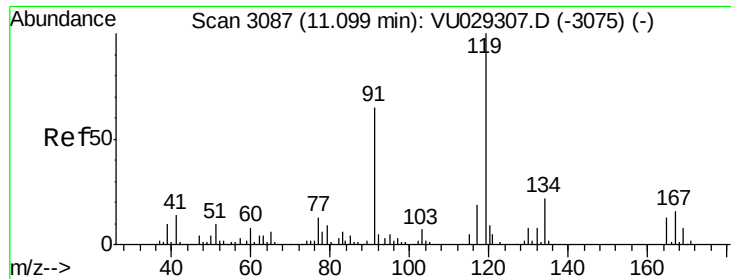


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.951 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU029305.D

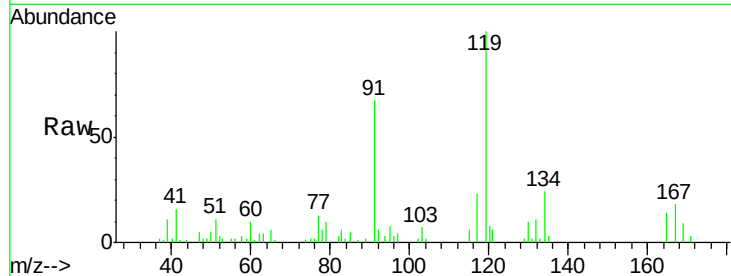
Acq: 29 Jan 2019 17:33

Tgt Ion:117 Resp: 3892

Ion Ratio Lower Upper

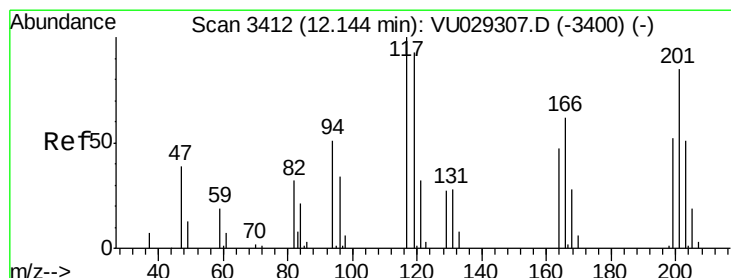
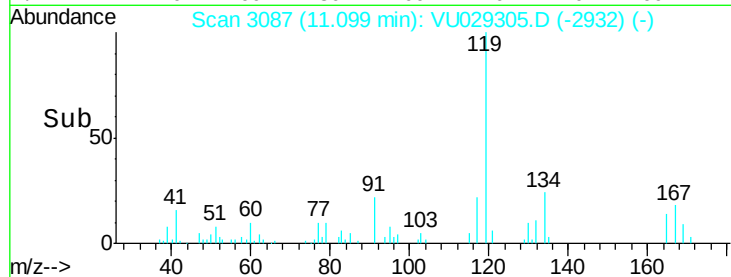
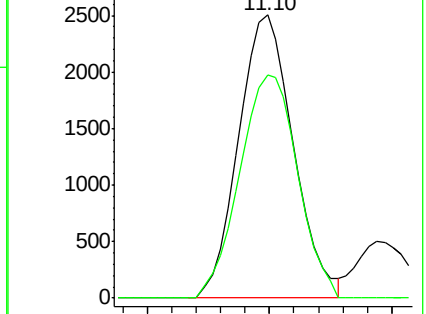
117 100

167 83.6 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.800 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU029305.D

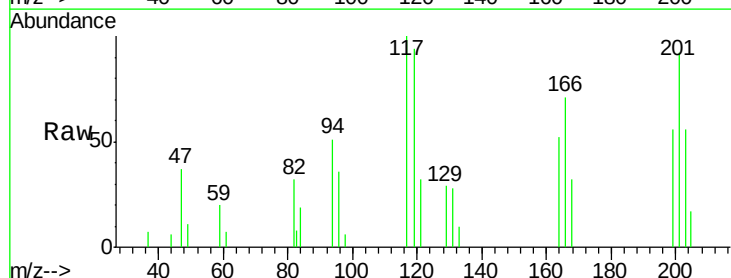
Acq: 29 Jan 2019 17:33

Tgt Ion:117 Resp: 3639

Ion Ratio Lower Upper

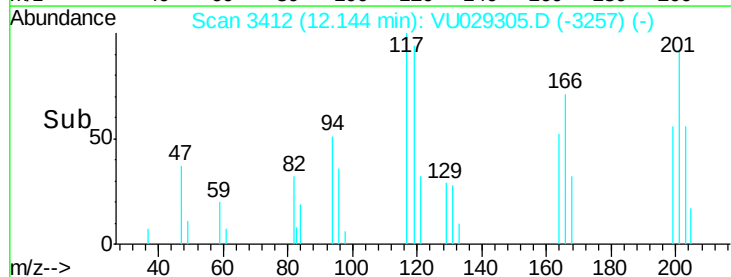
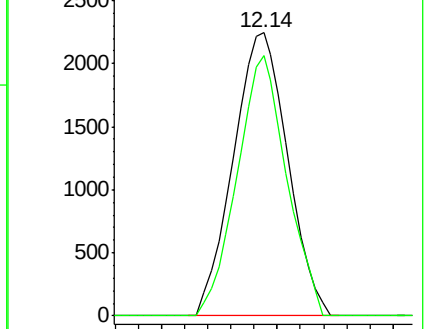
117 100

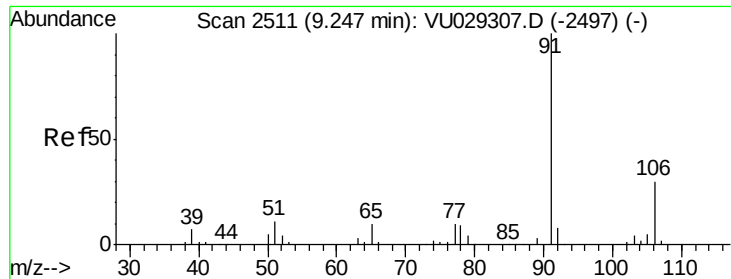
201 83.7 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.775 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029305.D

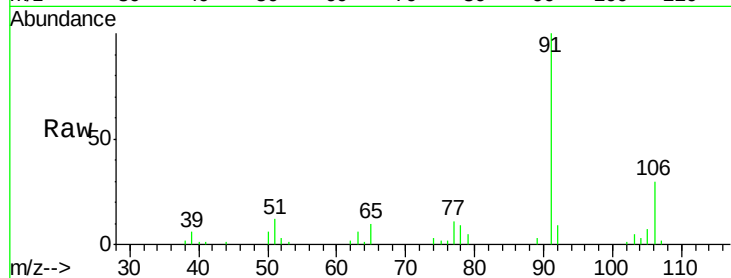
Acq: 29 Jan 2019 17:33

Tgt Ion: 91 Resp: 19968

Ion Ratio Lower Upper

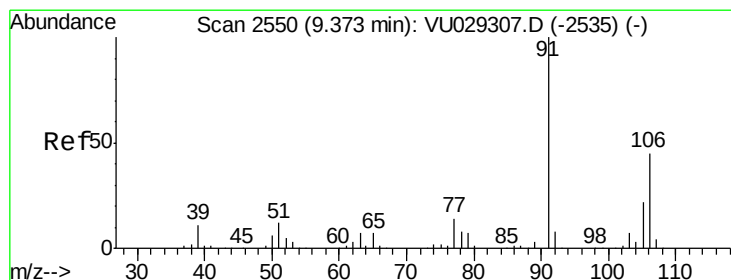
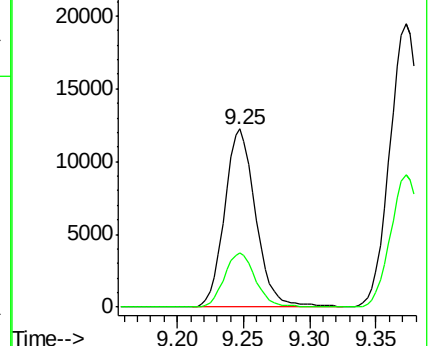
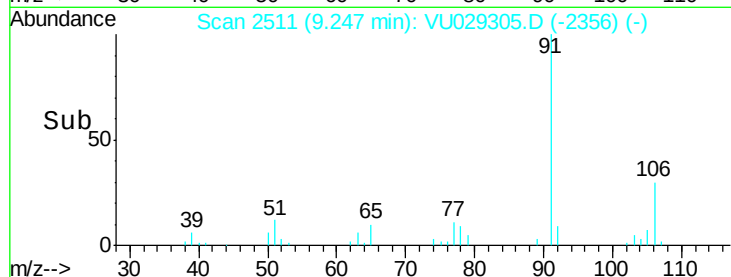
91 100

106 30.4 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 3.582 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029305.D

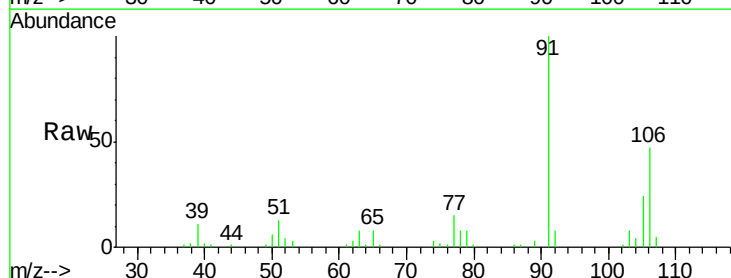
Acq: 29 Jan 2019 17:33

Tgt Ion: 106 Resp: 15225

Ion Ratio Lower Upper

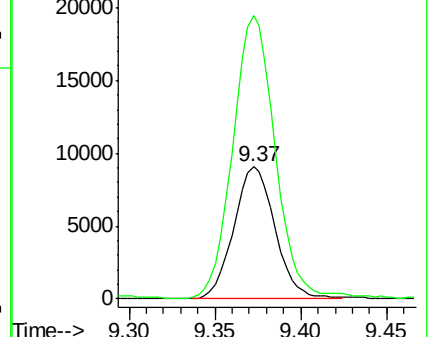
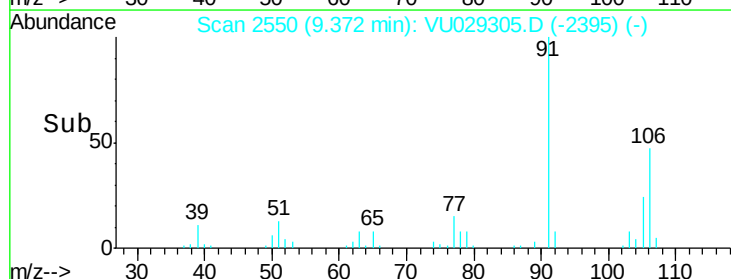
106 100

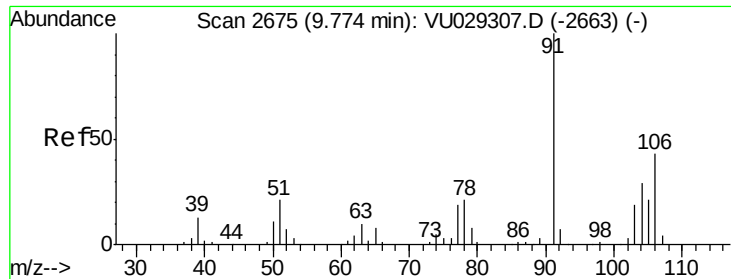
91 221.2 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): V

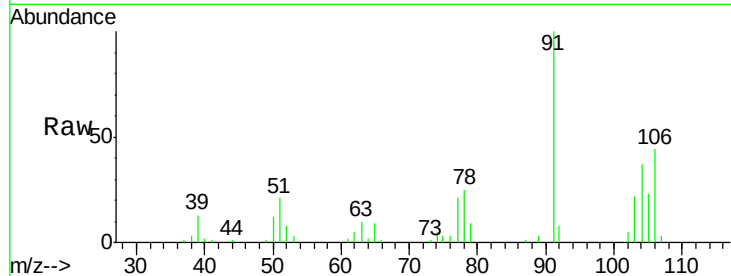
Ion 91.00 (90.70 to 91.70): VU0



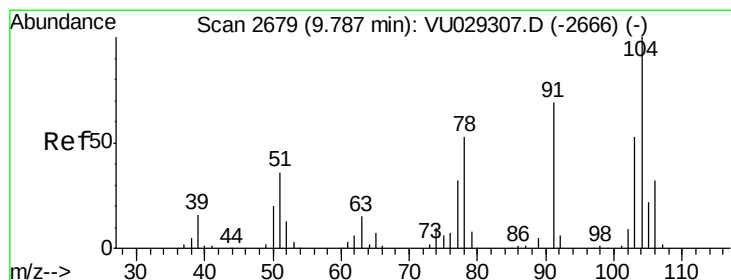
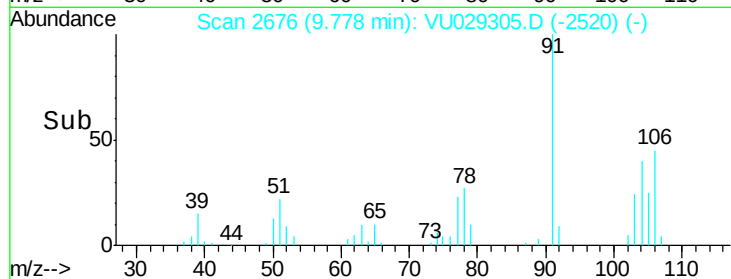
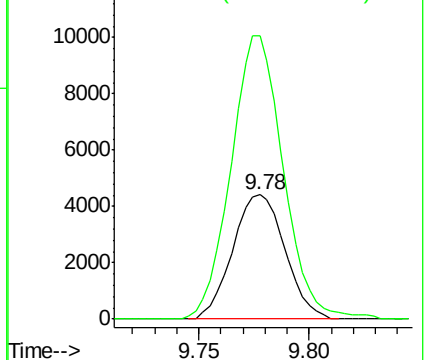


#65
o-Xylene
Concen: 1.790 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:106 Resp: 7260
Ion Ratio Lower Upper
106 100
91 227.5 114.5 343.4

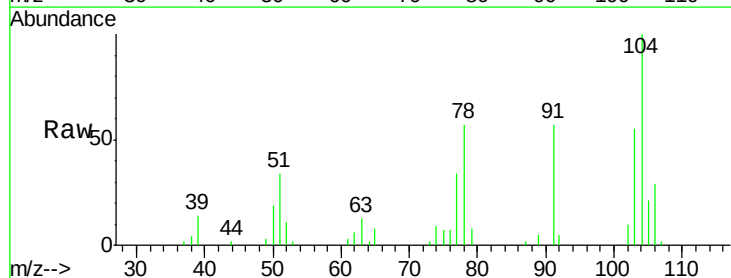


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

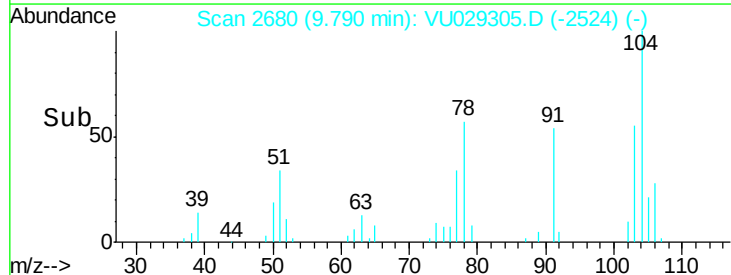
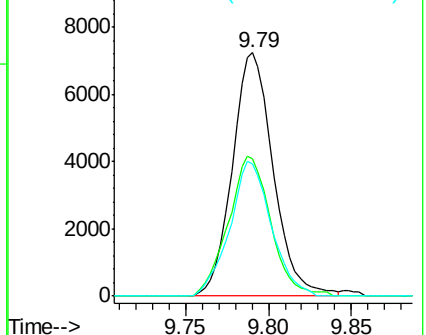


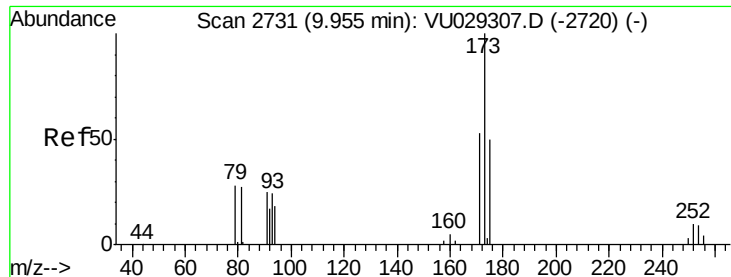
#66
Styrene
Concen: 1.768 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:104 Resp: 12443
Ion Ratio Lower Upper
104 100
78 59.6 46.5 69.7
103 56.3 44.7 67.1



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





#67

Bromoform

Concen: 2.040 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

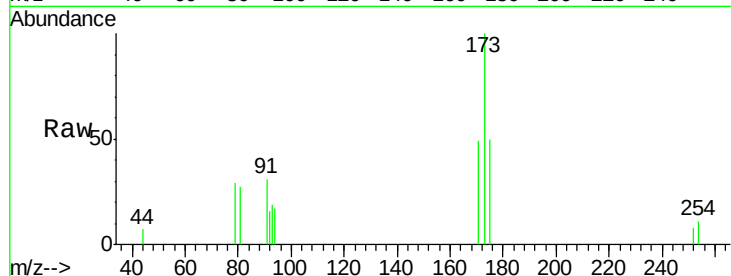
Tgt Ion:173 Resp: 2854

Ion Ratio Lower Upper

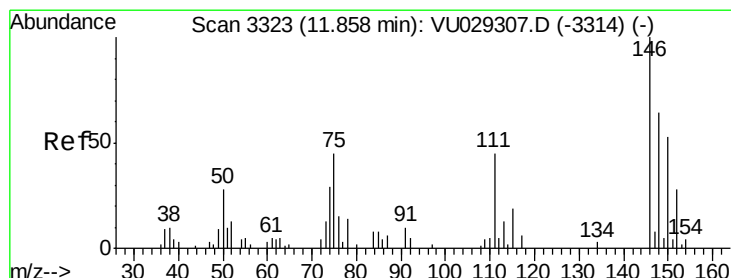
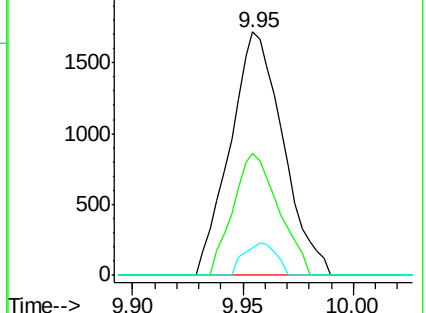
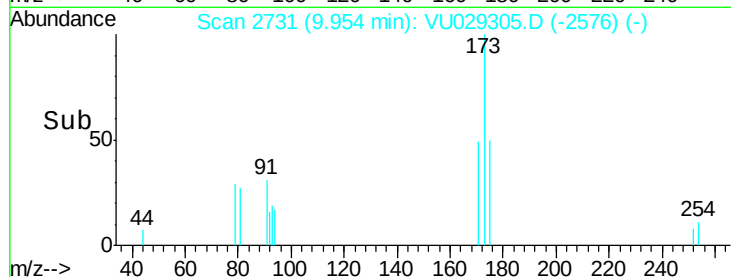
173 100

175 43.0 38.9 58.3

254 8.1 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: 2.040 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

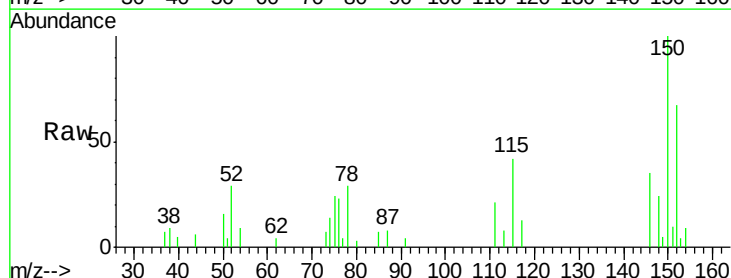
Tgt Ion:152 Resp: 3051

Ion Ratio Lower Upper

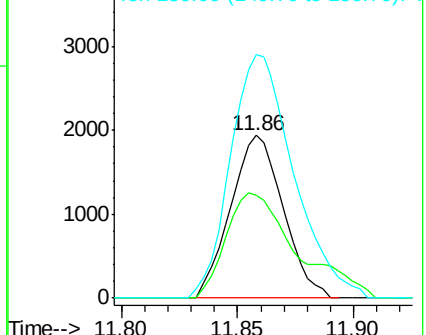
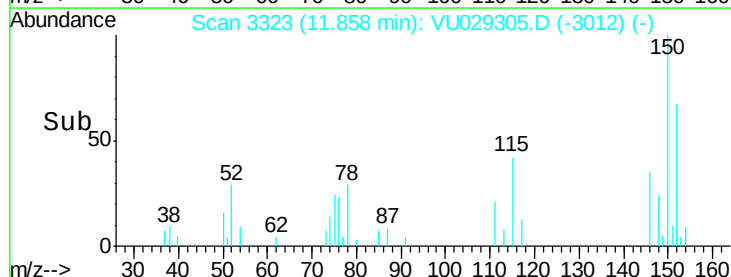
152 100

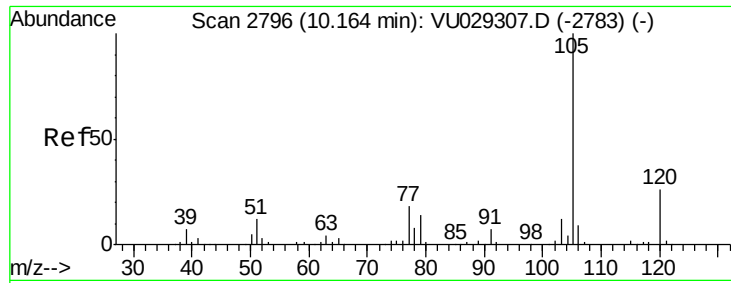
115 86.7 0.0 133.4

150 180.5 0.0 670.8



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





#69

Isopropylbenzene

Concen: 1.839 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029305.D

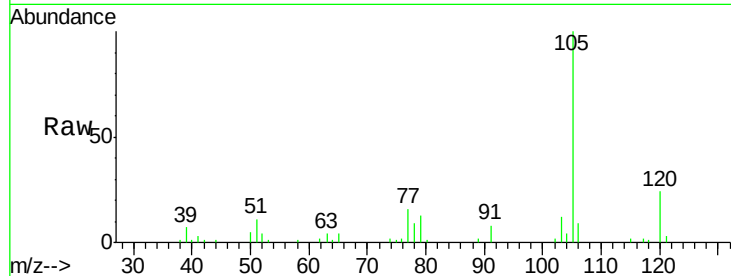
Acq: 29 Jan 2019 17:33

Tgt Ion: 105 Resp: 20459

Ion Ratio Lower Upper

105 100

120 24.8 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.16

15000

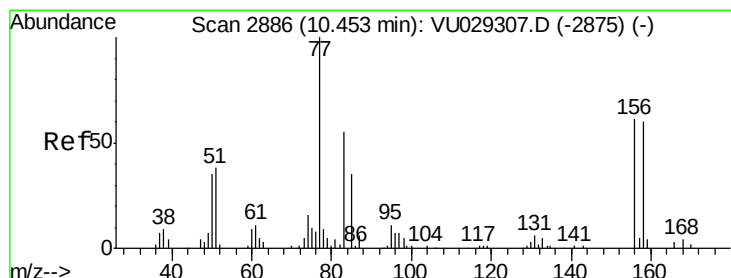
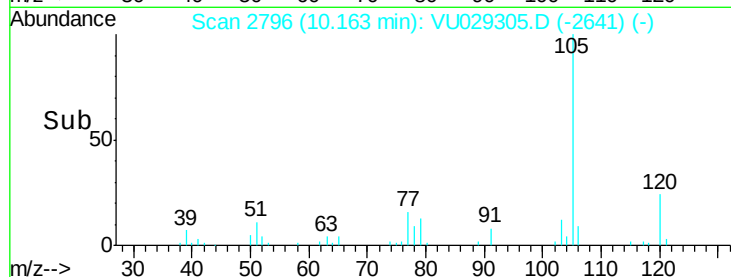
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#70

1,1,2,2-Tetrachloroethane

Concen: 1.766 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

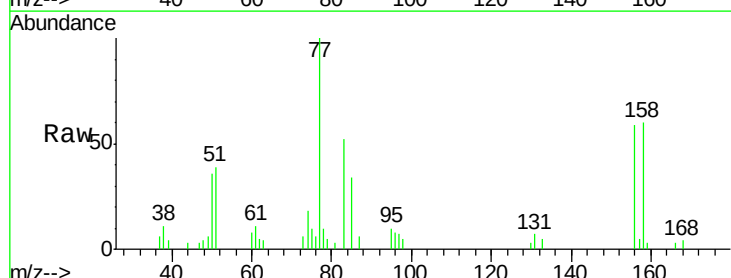
Tgt Ion: 83 Resp: 4371

Ion Ratio Lower Upper

83 100

131 11.3 8.1 12.1

85 64.7 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

3000

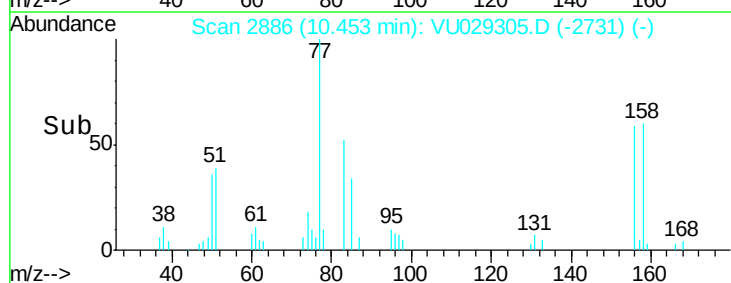
2000

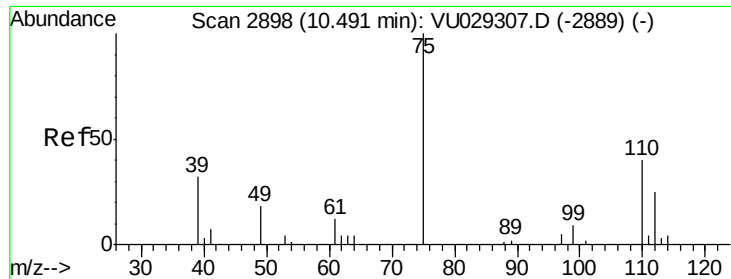
1000

0

Time-->

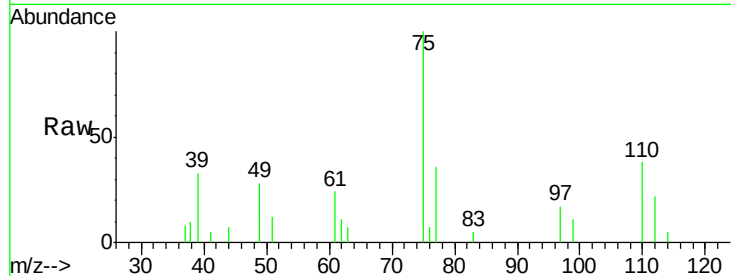
10.40 10.45 10.50



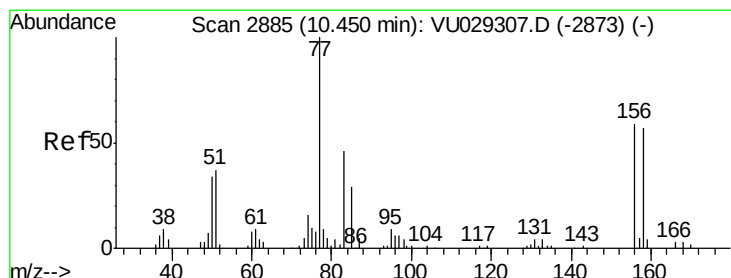
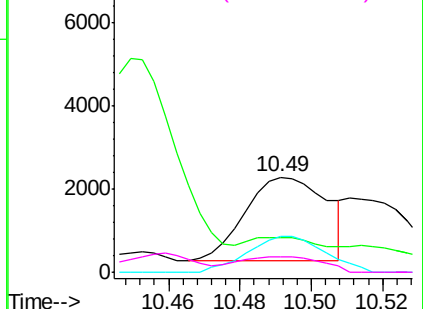
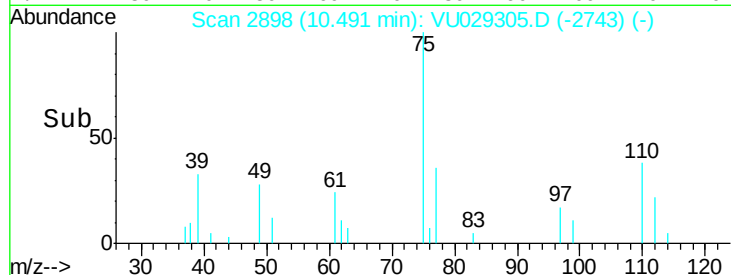


#71
 1,2,3-Trichloropropane
 Concen: 1.612 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:	75	Resp:	3207
Ion	Ratio	Lower	Upper
75	100		
77	13.0	0.0	0.0#
110	40.3	0.0	63.6
97	19.2	0.0	31.4

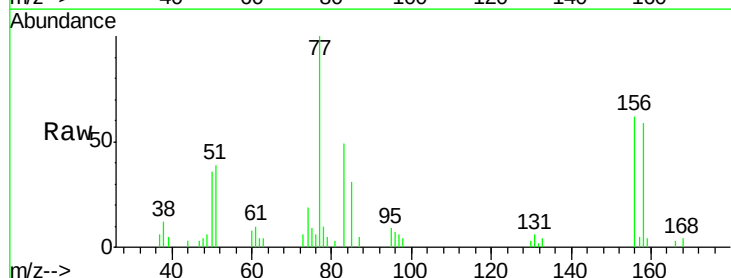


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

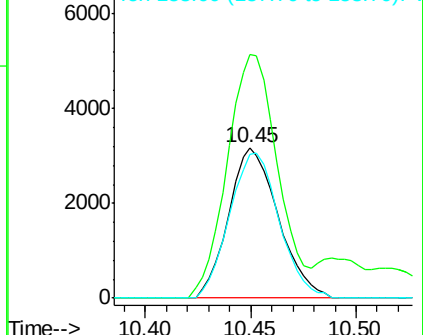
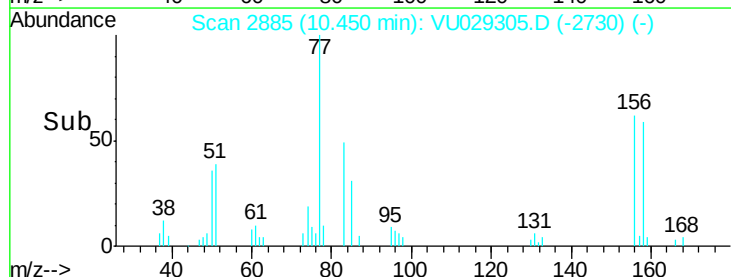


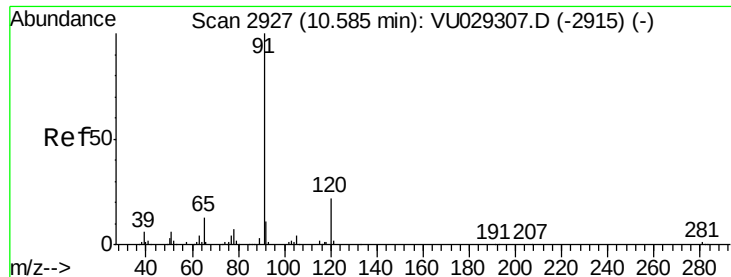
#72
 Bromobenzene
 Concen: 1.942 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:	156	Resp:	5187
Ion	Ratio	Lower	Upper
156	100		
77	165.6	0.0	343.8
158	96.5	0.0	195.0



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





#73

n-propylbenzene

Concen: 1.791 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU029305.D

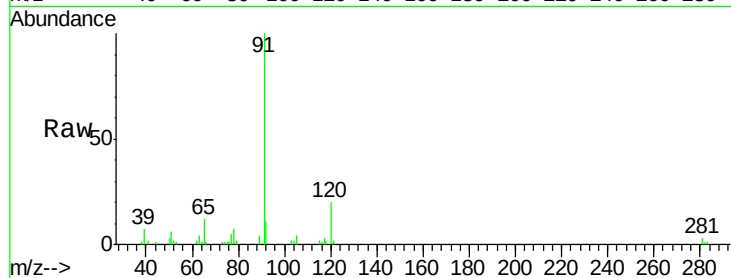
Acq: 29 Jan 2019 17:33

Tgt Ion:120 Resp: 5225

Ion Ratio Lower Upper

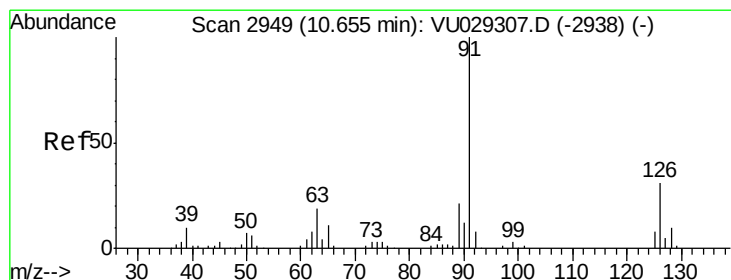
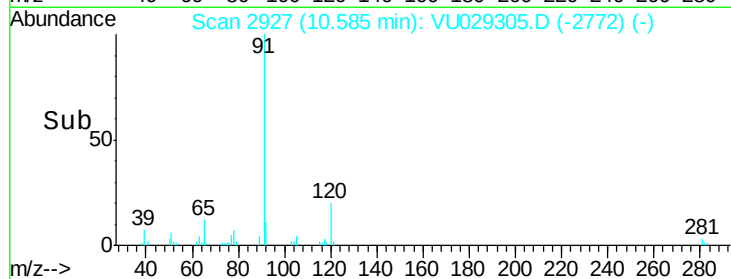
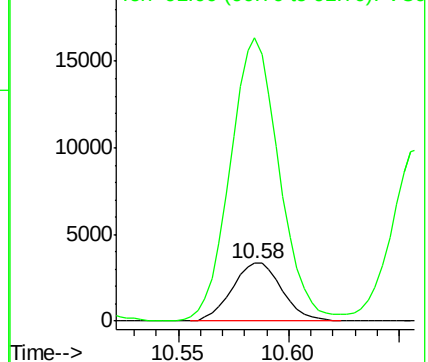
120 100

91 486.0 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.832 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029305.D

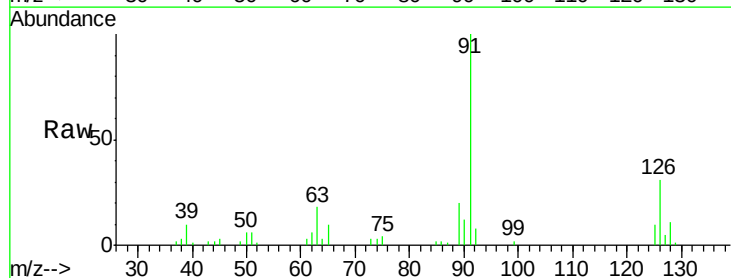
Acq: 29 Jan 2019 17:33

Tgt Ion:126 Resp: 4857

Ion Ratio Lower Upper

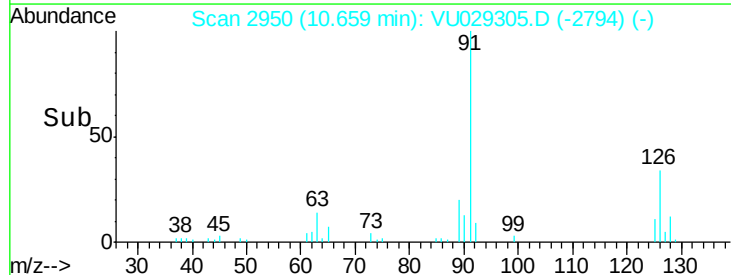
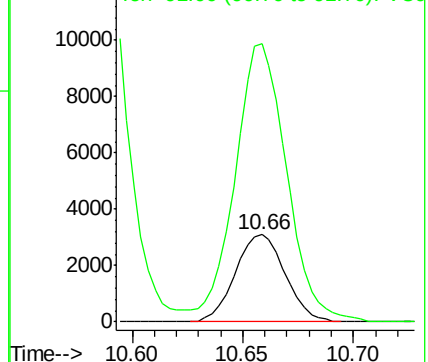
126 100

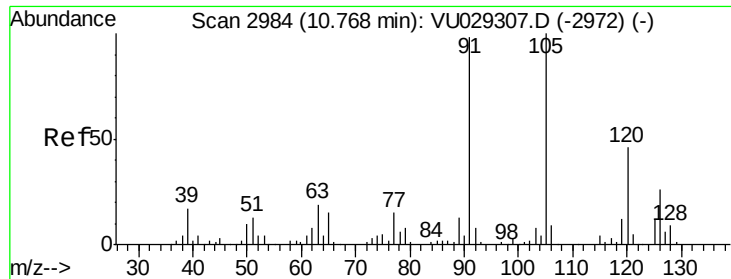
91 331.4 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.840 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029305.D

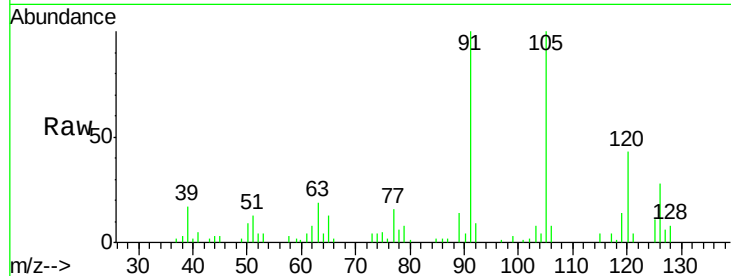
Acq: 29 Jan 2019 17:33

Tgt Ion:105 Resp: 18087

Ion Ratio Lower Upper

105 100

120 44.2 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

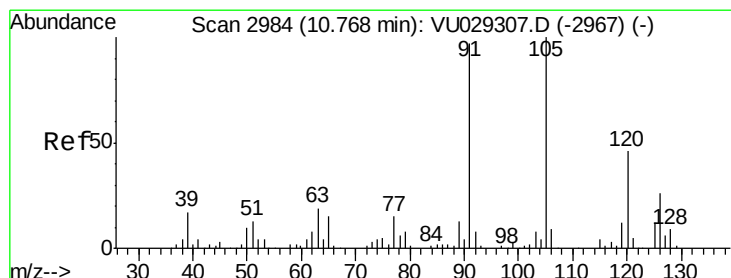
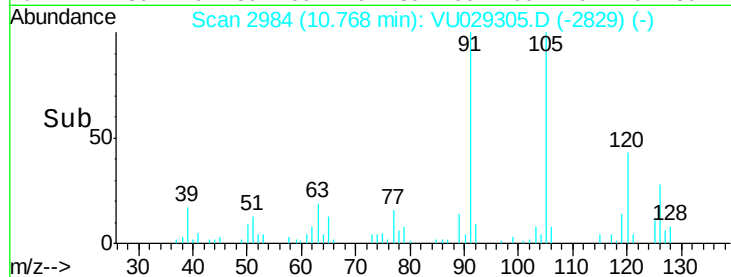
10.77

10000

5000

0

Time--> 10.70 10.75 10.80



#76

4-Chlorotoluene

Concen: 1.977 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029305.D

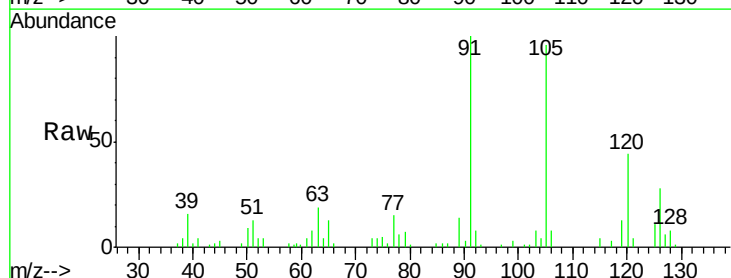
Acq: 29 Jan 2019 17:33

Tgt Ion:126 Resp: 5261

Ion Ratio Lower Upper

126 100

91 357.9 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

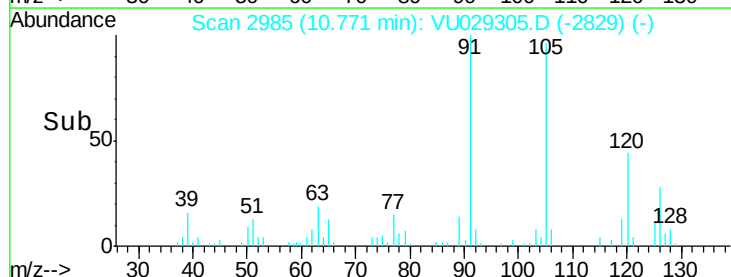
10.77

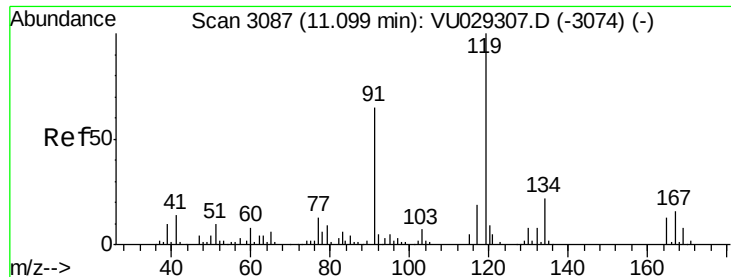
10000

5000

0

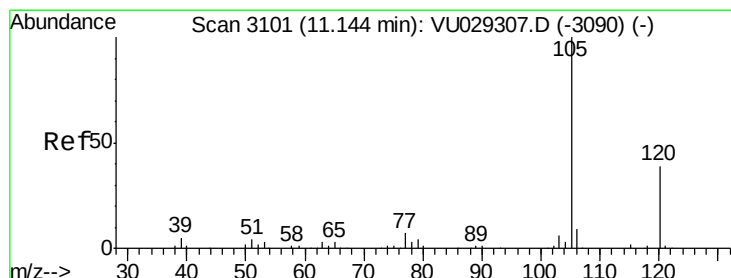
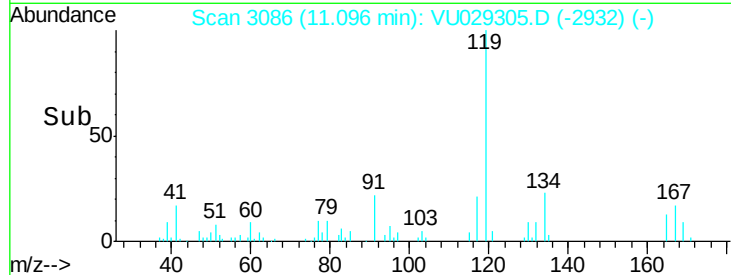
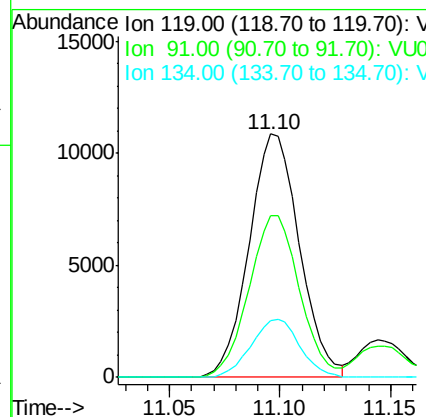
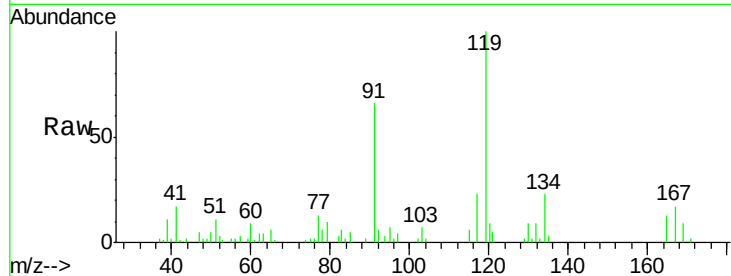
Time--> 10.75 10.80





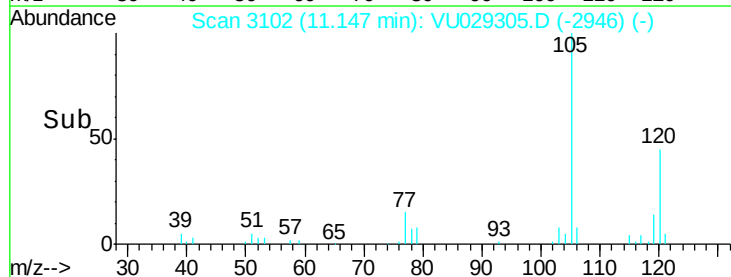
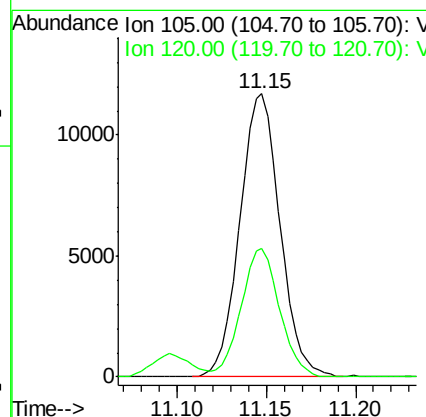
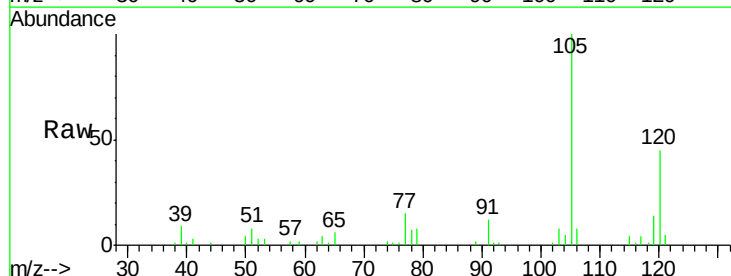
#77
 tert-Butylbenzene
 Concen: 1.836 ug/l
 RT: 11.10 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

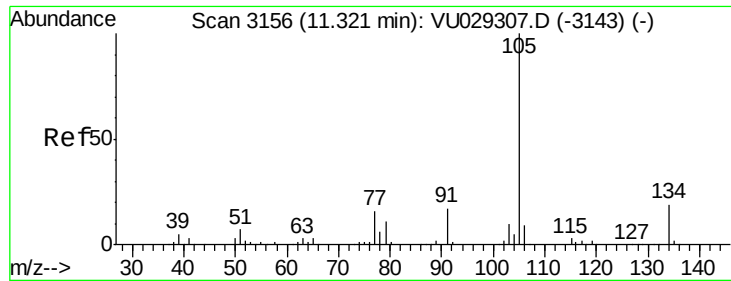
Tgt Ion:119 Resp: 17231
 Ion Ratio Lower Upper
 119 100
 91 66.5 32.2 96.6
 134 22.9 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.817 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

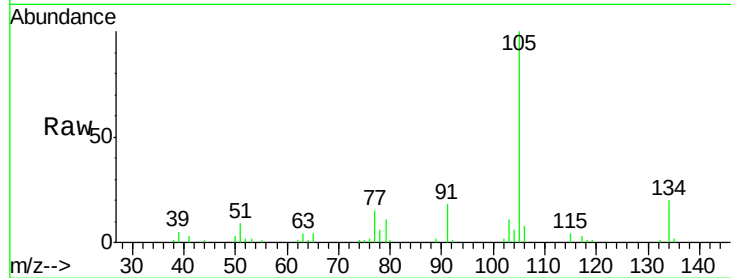
Tgt Ion:105 Resp: 18381
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.4 64.3



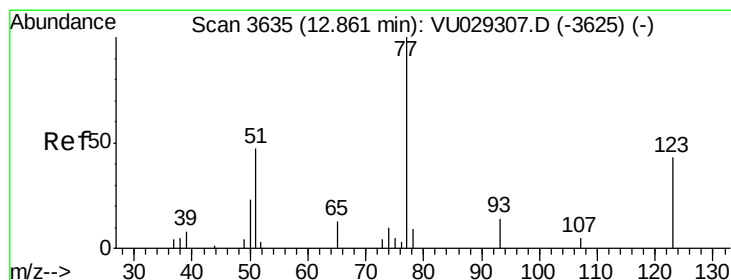
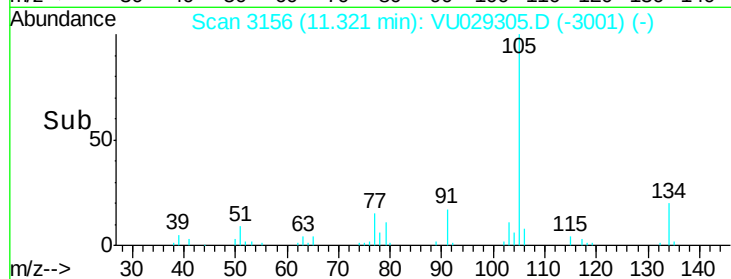
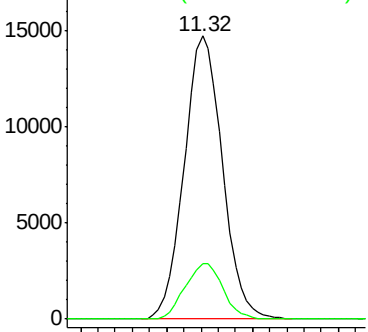


#79
 sec-Butylbenzene
 Concen: 1.801 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 105 Resp: 22678
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.0 22.6

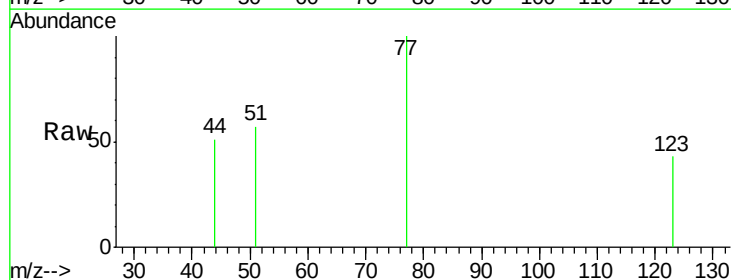


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

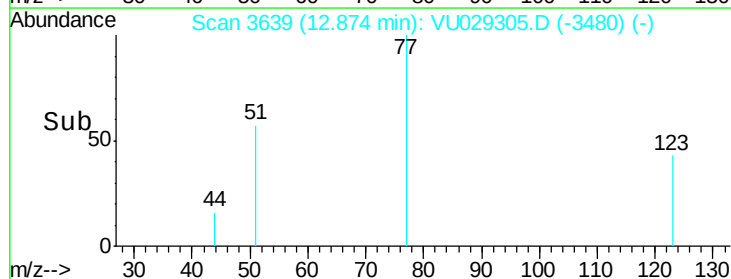
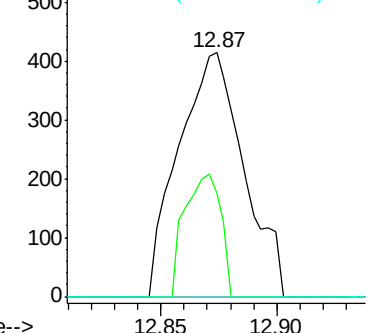


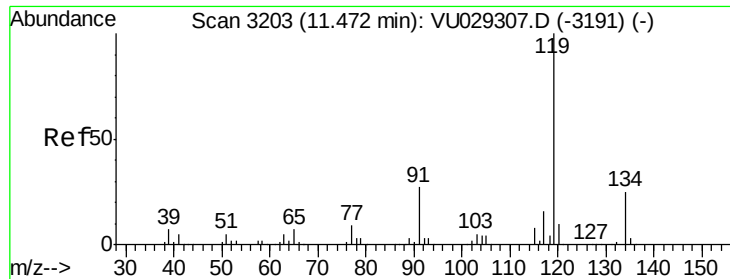
#80
 Nitrobenzene
 Concen: 8.988 ug/l
 RT: 12.87 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 77 Resp: 808
 Ion Ratio Lower Upper
 77 100
 123 27.8 17.5 61.9
 65 0.0 10.8 13.8#



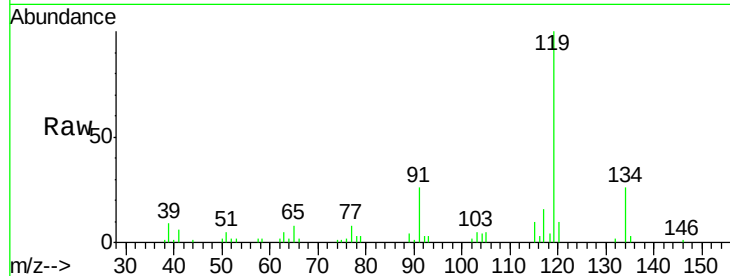
Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0



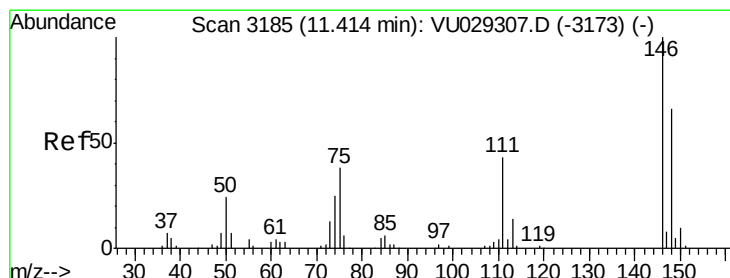
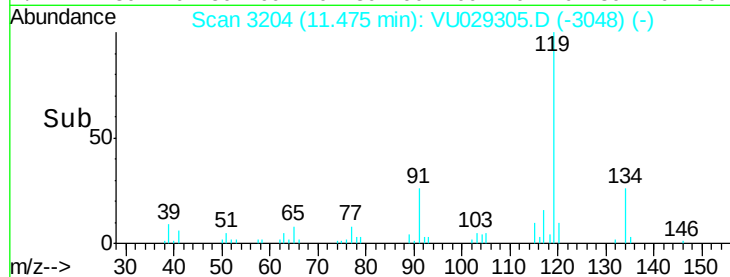
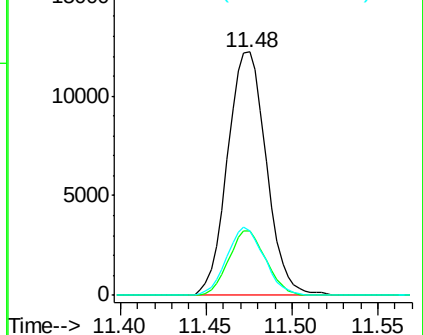


#81
 p-Isopropyltoluene
 Concen: 1.821 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:119 Resp: 19136
 Ion Ratio Lower Upper
 119 100
 134 25.3 19.8 29.6
 91 27.0 21.5 32.3

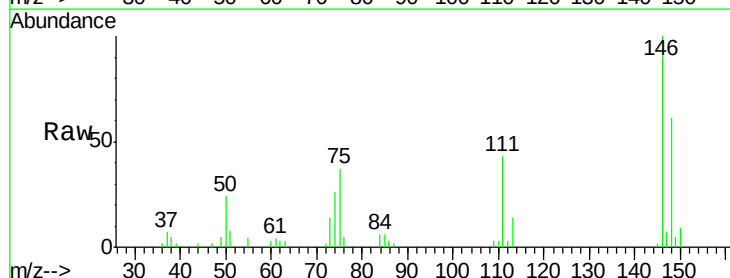


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

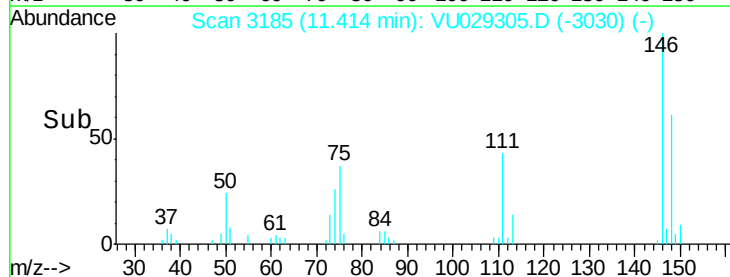
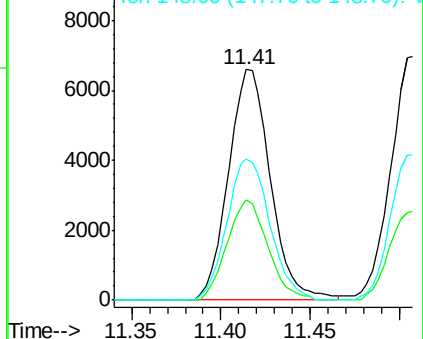


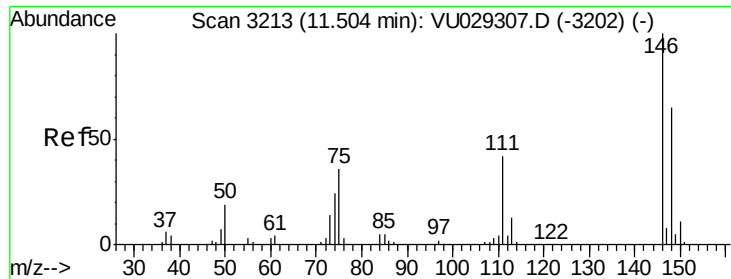
#82
 1,3-Dichlorobenzene
 Concen: 1.923 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:146 Resp: 10755
 Ion Ratio Lower Upper
 146 100
 111 42.1 34.1 51.1
 148 62.8 52.3 78.5



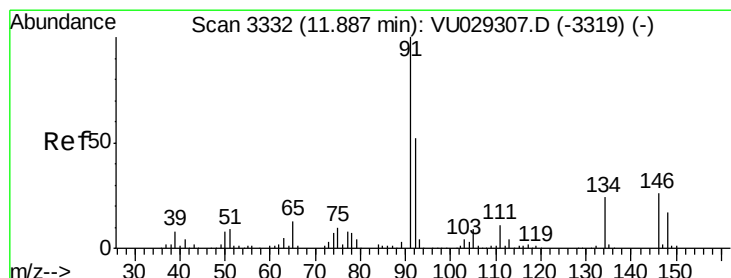
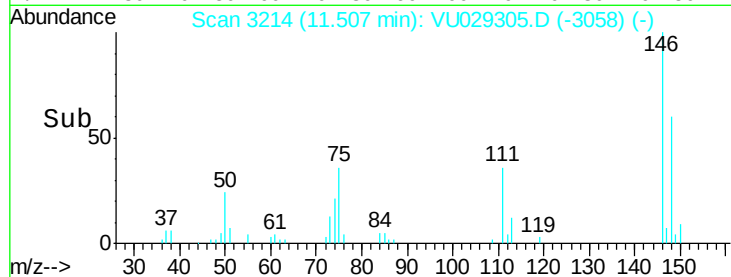
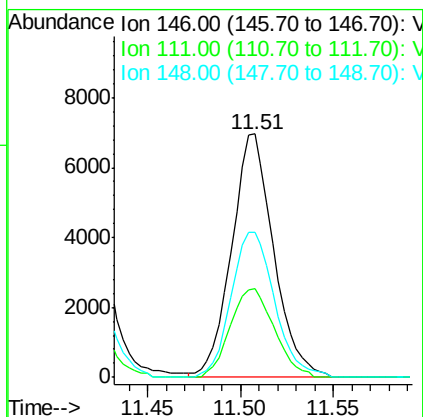
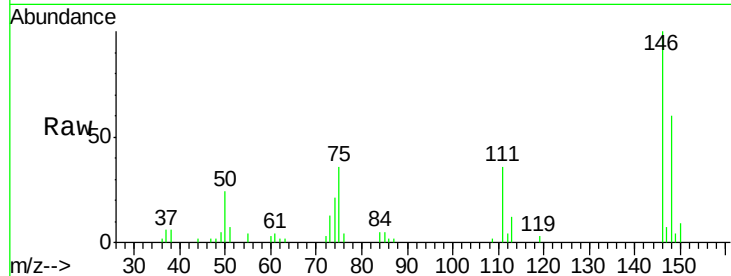
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





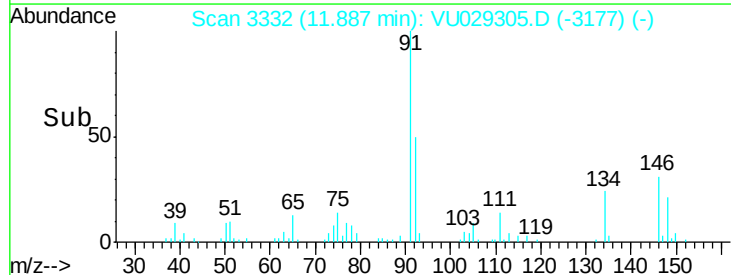
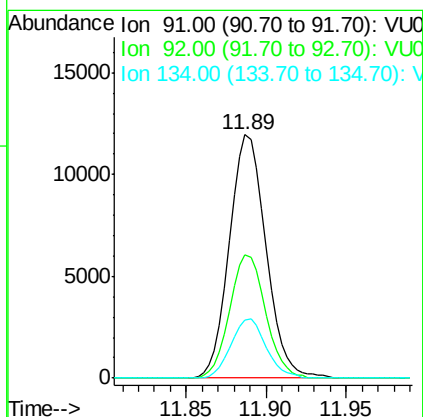
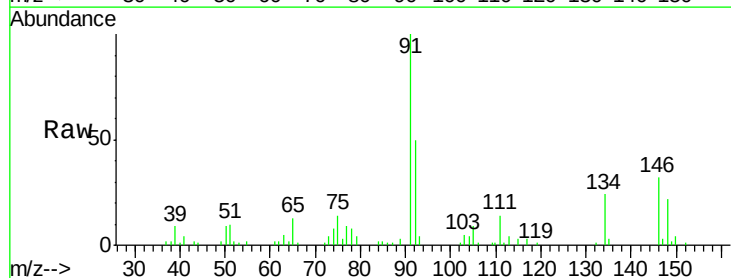
#83
 1,4-Dichlorobenzene
 Concen: 1.980 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

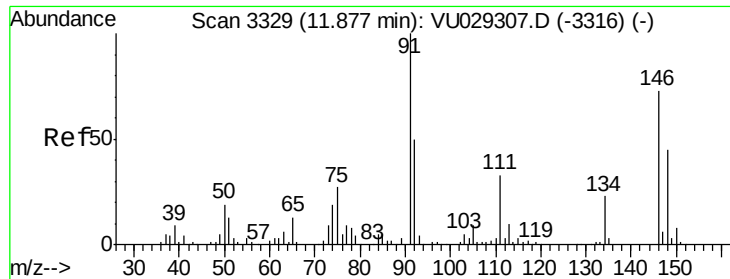
Tgt Ion: 146 Resp: 10985
 Ion Ratio Lower Upper
 146 100
 111 37.9 32.9 49.3
 148 61.5 51.8 77.6



#84
 n-Butylbenzene
 Concen: 1.818 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

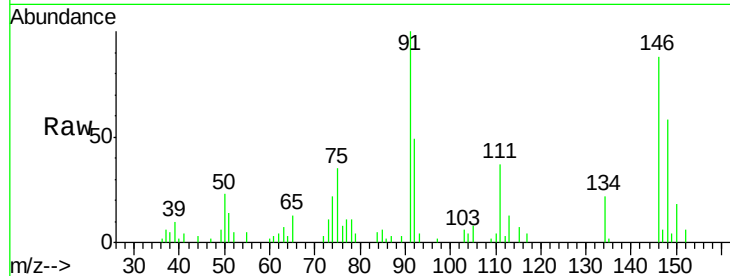
Tgt Ion: 91 Resp: 18593
 Ion Ratio Lower Upper
 91 100
 92 49.5 41.0 61.6
 134 23.2 19.1 28.7



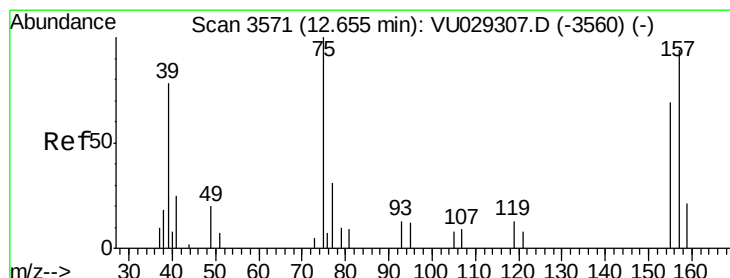
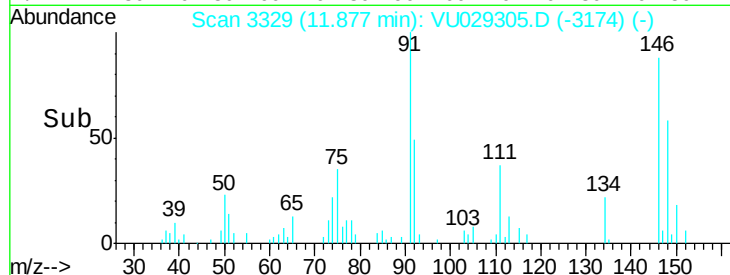
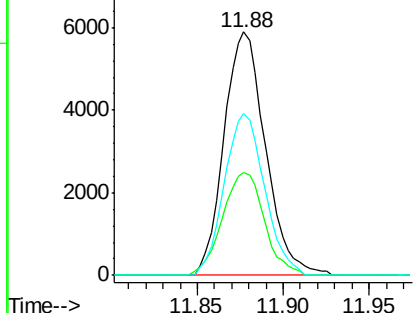


#85
 1,2-Dichlorobenzene
 Concen: 1.919 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 146 Resp: 9888
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.9 65.8
 148 64.4 31.8 95.3

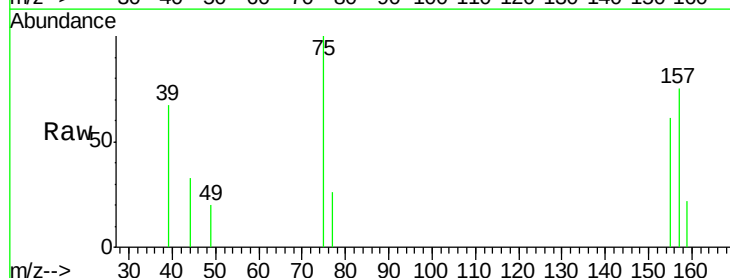


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

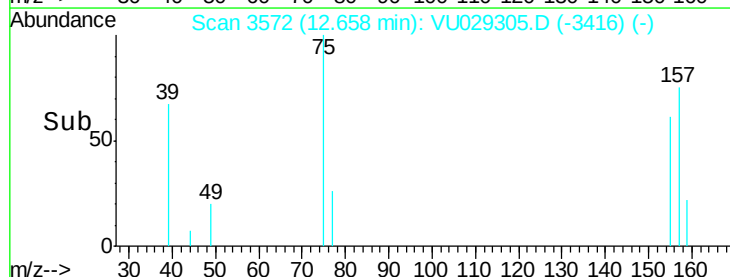
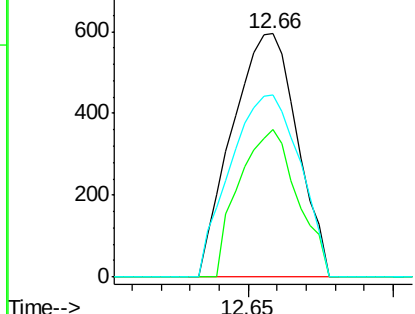


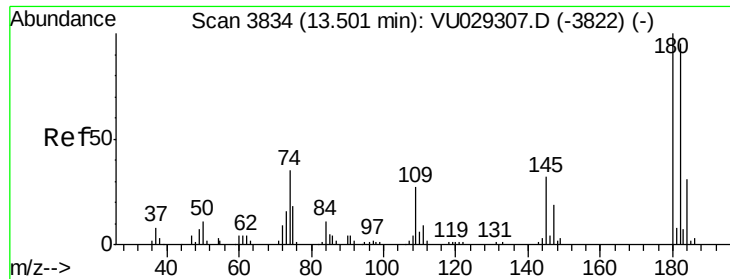
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.951 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion: 75 Resp: 925
 Ion Ratio Lower Upper
 75 100
 155 54.3 53.8 80.8
 157 80.1 69.2 103.8



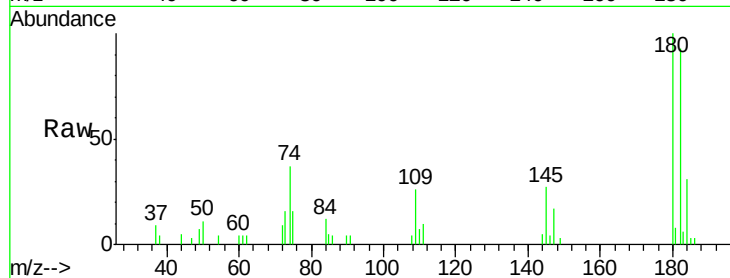
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



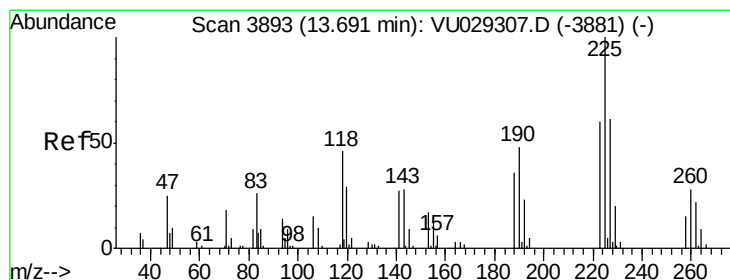
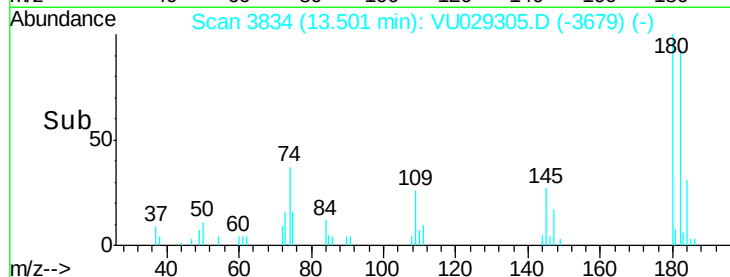
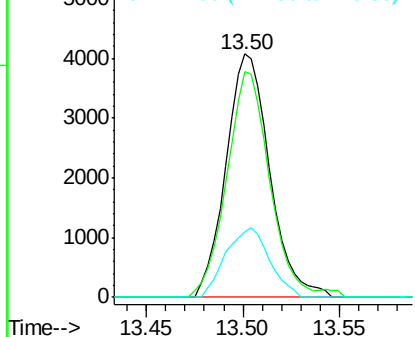


#87
 1,2,4-Trichlorobenzene
 Concen: 1.871 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:180 Resp: 6397
 Ion Ratio Lower Upper
 180 100
 182 91.7 76.6 114.8
 145 28.7 24.6 36.8

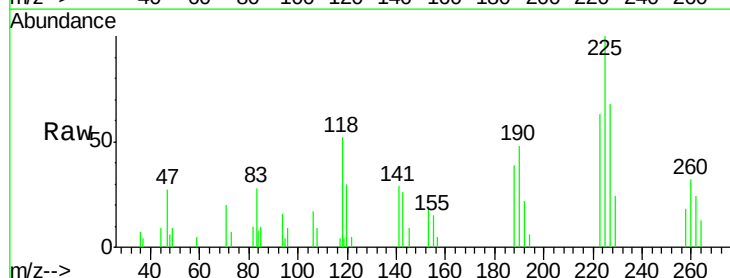


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

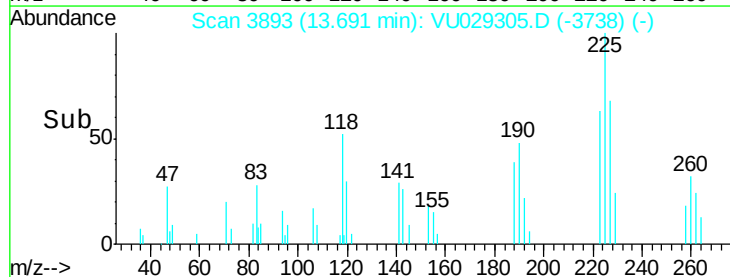
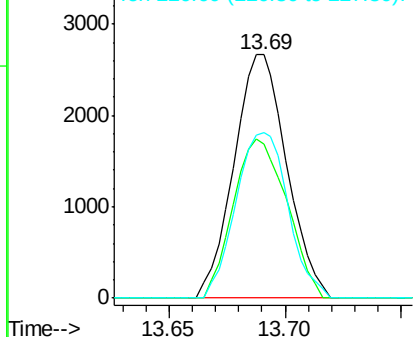


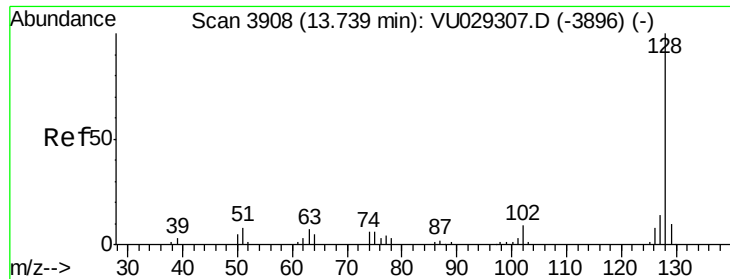
#88
 Hexachlorobutadiene
 Concen: 1.920 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion:225 Resp: 4216
 Ion Ratio Lower Upper
 225 100
 223 66.3 49.5 74.3
 227 67.2 50.4 75.6



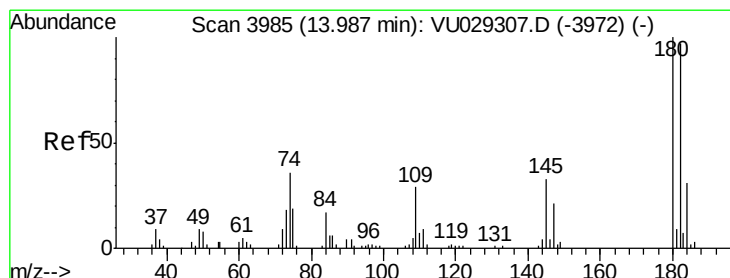
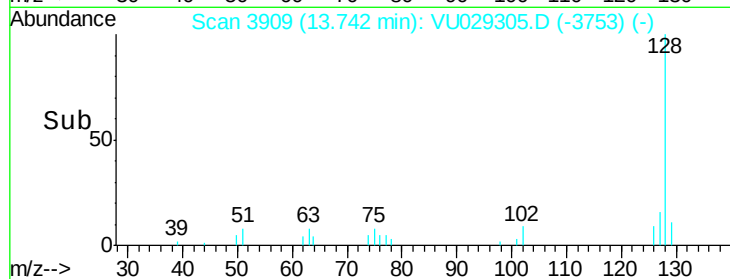
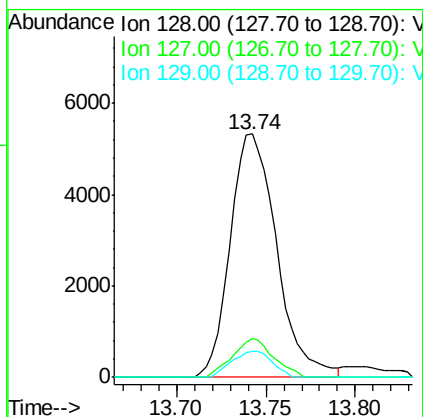
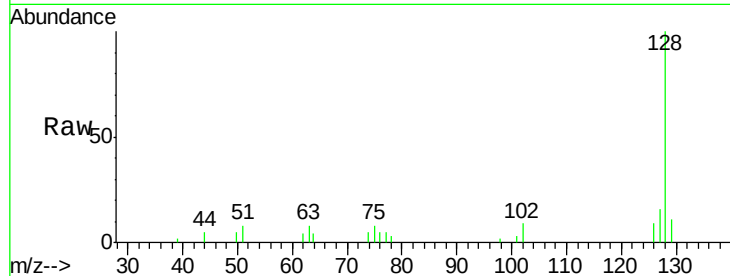
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 1.729 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:128 Resp: 9678
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 9.3 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 1.852 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion:180 Resp: 5918
Ion Ratio Lower Upper
180 100
182 99.0 78.0 117.0
145 33.2 26.6 39.8

