

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 03:52:13 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

					Ovalue
2) Dichlorodifluoromethane	1.20	85	6953m	1.784	ug/l
3) Chloromethane	1.32	50	5807	1.697	ug/l
4) Vinyl Chloride	1.39	62	5785	1.740	ug/l
5) Bromomethane	1.62	94	3690	1.899	ug/l
6) Chloroethane	1.69	64	4208	1.821	ug/l
7) Trichlorofluoromethane	1.88	101	10862	1.943	ug/l
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4480	1.891	ug/l
9) 1,1-Dichloroethene	2.27	96	4067	1.822	ug/l
10) Iodomethane	2.40	142	3302	1.650	ug/l
11) Allyl Chloride	2.58	41	9948	1.776	ug/l
12) Acrylonitrile	2.93	53	2479	3.582	ug/l
13) Acetone	2.31	43	7396	9.402	ug/l
14) Carbon Disulfide	2.47	76	14966	1.820	ug/l
15) Methylene Chloride	2.69	84	5152	1.767	ug/l
16) trans-1,2-Dichloroethene	2.97	96	4826	1.918	ug/l
17) 1,1-Dichloroethane	3.43	63	9944	1.773	ug/l
18) 2-Butanone	4.27	43	8279	9.385	ug/l
19) Cyclohexane	4.98	56	6138	1.739	ug/l
20) Methylcyclohexane	6.41	83	6774	1.803	ug/l
21) 2,2-Dichloropropane	4.21	77	9185	1.898	ug/l
22) cis-1,2-Dichloroethene	4.22	96	4875	1.835	ug/l
23) Diethyl Ether	2.10	59	3883	1.717	ug/l
24) tert-Butyl Alcohol	2.83	59	5330	19.698	ug/l
25) Methyl tert-Butyl Ether	2.99	73	14422	1.901	ug/l
26) Bromochloromethane	4.54	128	2080	1.873	ug/l
27) Chloroform	4.67	83	10559	1.922	ug/l
28) 1,1,1-Trichloroethane	4.90	97	9768	1.954	ug/l
29) 1,1-Dichloropropene	5.13	75	6844	1.807	ug/l
30) Carbon Tetrachloride	5.12	117	8547	1.982	ug/l
31) Isopropyl Ether	3.57	45	14669	1.648	ug/l
32) Ethyl-t-butyl ether	4.07	59	12896	1.737	ug/l
33) Tert-Amyl methyl ether	5.58	73	10924	1.746	ug/l
34) Propionitrile	4.33	54	1913	8.693	ug/l
35) Benzene	5.38	78	19103	1.850	ug/l
36) 1,2-Dichloroethane	5.40	62	8301	1.926	ug/l
37) Trichloroethene	6.18	130	5009	2.000	ug/l
38) 1,2-Dichloropropane	6.43	63	5259	1.841	ug/l
39) Methacrylonitrile	4.54	41	1966	1.877	ug/l
40) Methyl acrylate	4.43	55	2483	1.699	ug/l
41) Tetrahydrofuran	4.65	42	1723	3.323	ug/l
42) 1-Chlorobutane	5.06	56	10449	1.775	ug/l

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

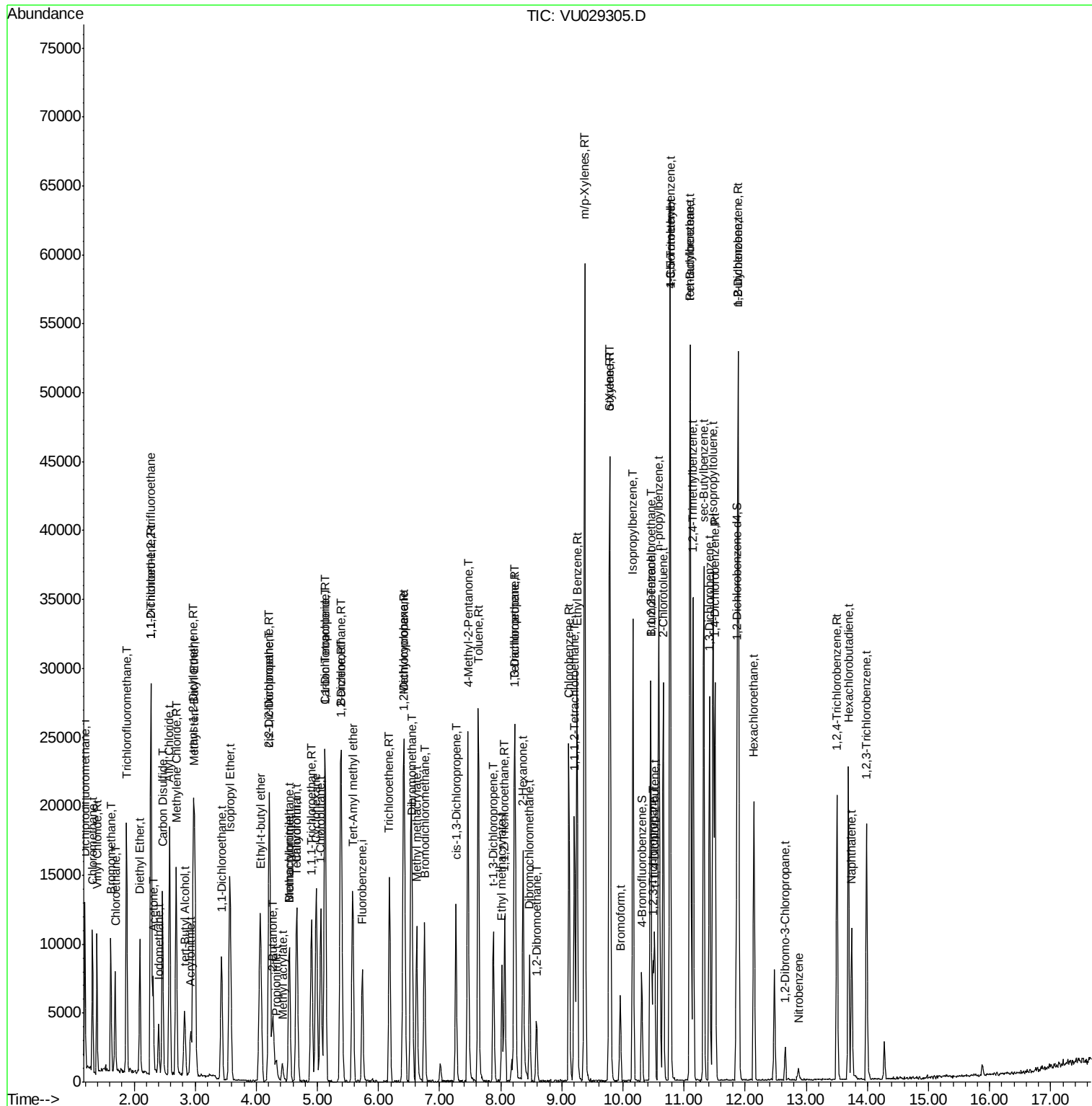
Quant Time: Jan 30 03:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 30 00:35:37 2019
 Response via : Initial Calibration

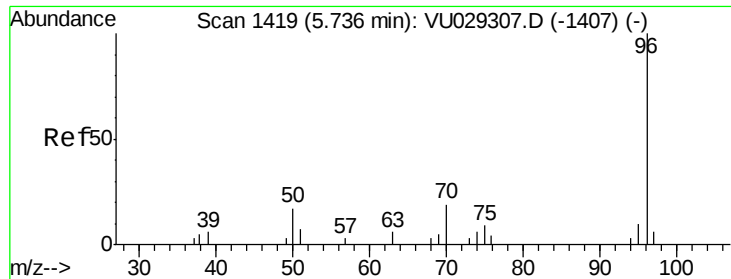
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	2672	1.844	ug/l	93
44) Bromodichloromethane	6.75	83	7596	1.841	ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	18108	8.929	ug/l	96
46) t-1,4-Dichloro-2-butene	10.51	75	2783m	3.944	ug/l	
47) Methyl methacrylate	6.62	69	4166	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	3892m	1.956	ug/l	
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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012919\
Data File : VU029305.D
Acq On : 29 Jan 2019 17:33
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 03:52:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A 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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

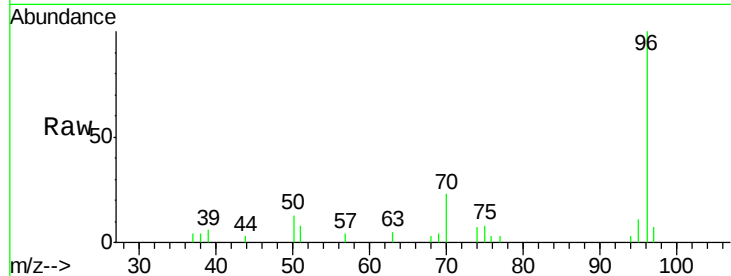
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tot 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#

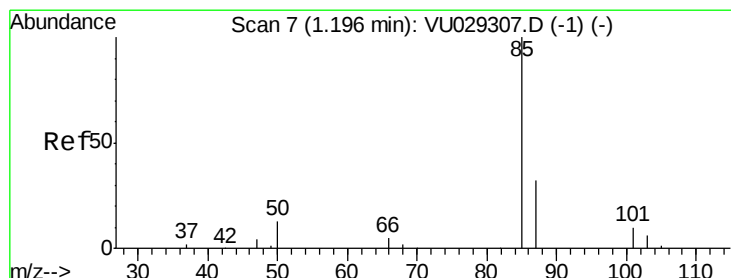
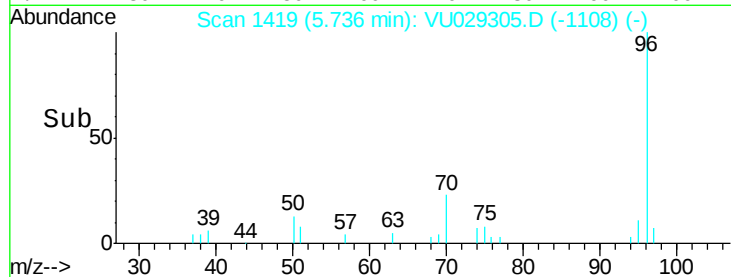
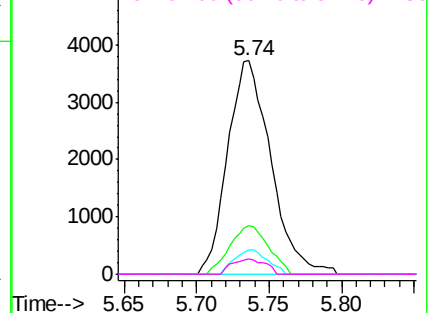


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.784 ug/l m

RT: 1.20 min Scan# 7

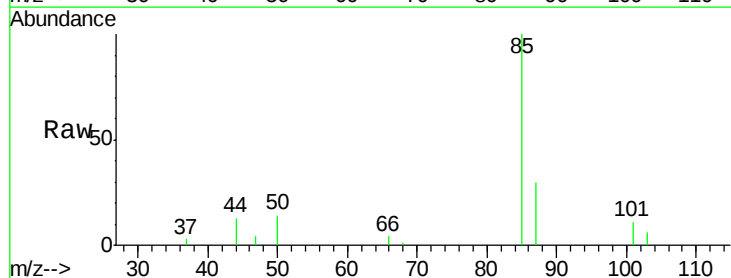
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

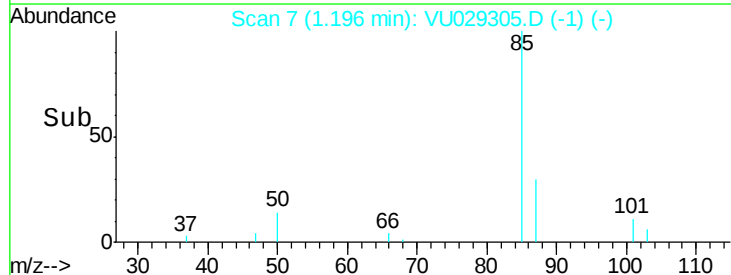
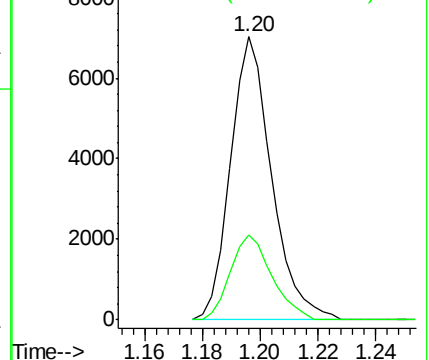
Tgt Ion: 85 Resp: 6953

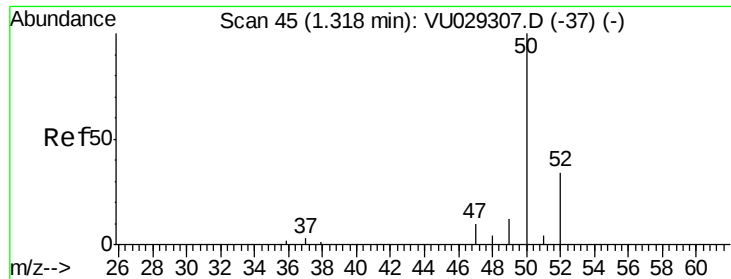
Ion	Ratio	Lower	Upper
85	100		
87	30.1	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.697 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029305.D

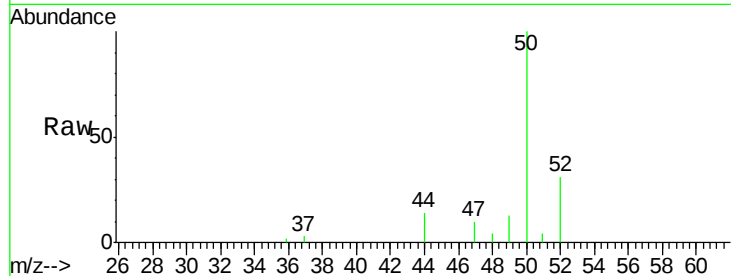
Acq: 29 Jan 2019 17:33

Tot Ion: 50 Resp: 5807

Ion Ratio Lower Upper

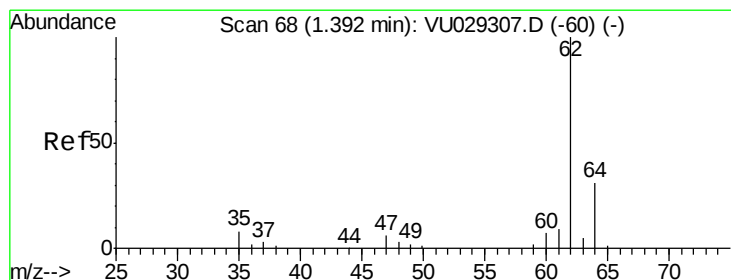
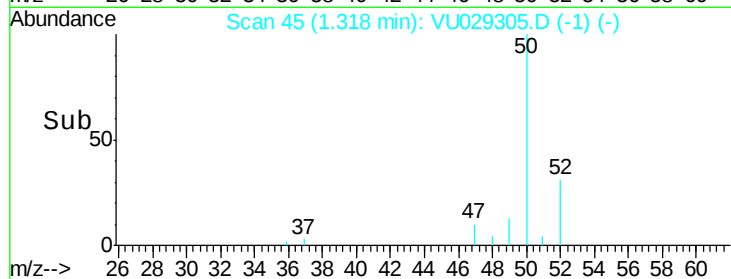
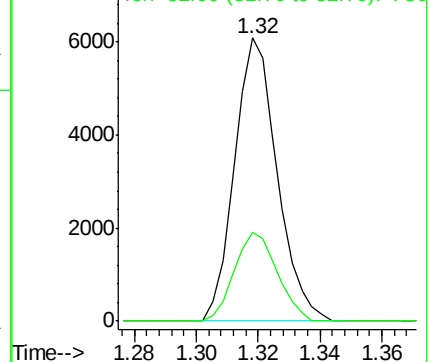
50 100

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

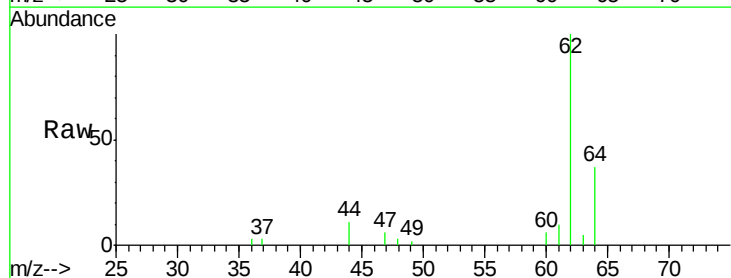
Acq: 29 Jan 2019 17:33

Tgt Ion: 62 Resp: 5785

Ion Ratio Lower Upper

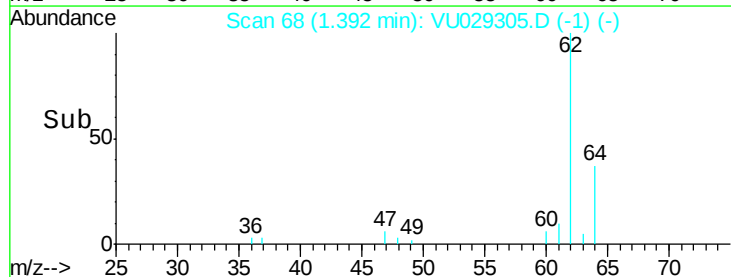
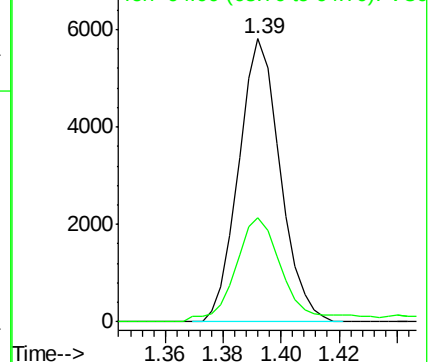
62 100

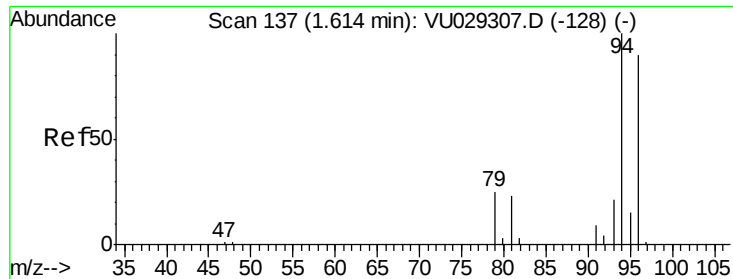
64 35.0 25.2 37.8



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

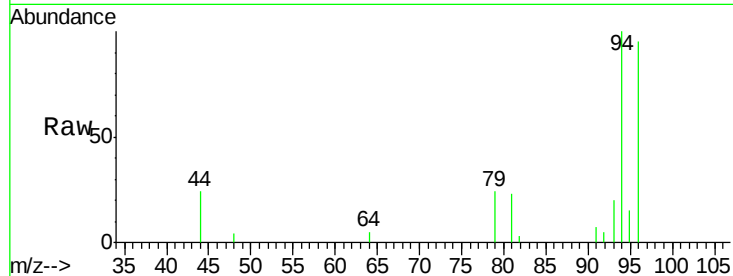
Acq: 29 Jan 2019 17:33

Tot Ion: 94 Resp: 3690

Ion Ratio Lower Upper

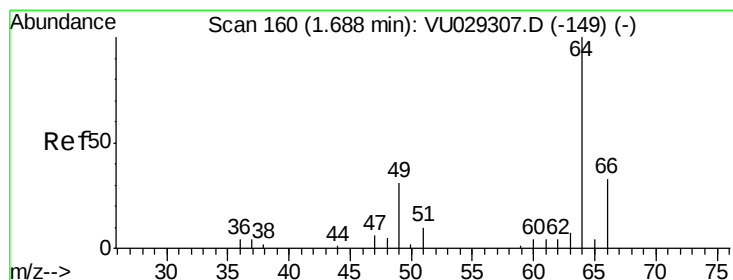
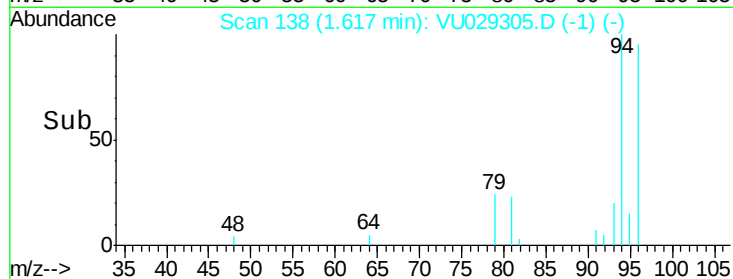
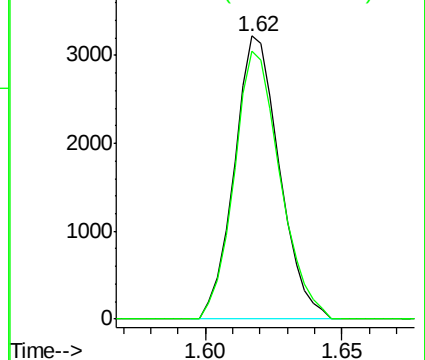
94 100

96 94.6 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.821 ug/l

RT: 1.69 min Scan# 161

Delta R.T. 0.00 min

Lab File: VU029305.D

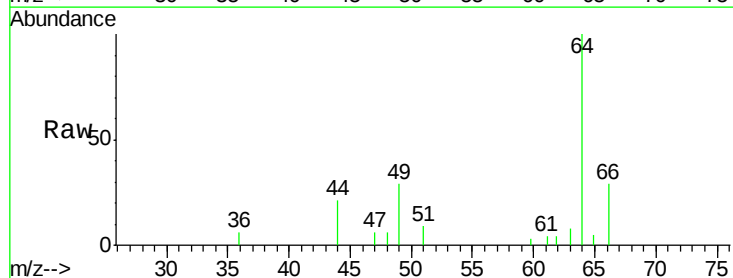
Acq: 29 Jan 2019 17:33

Tgt Ion: 64 Resp: 4208

Ion Ratio Lower Upper

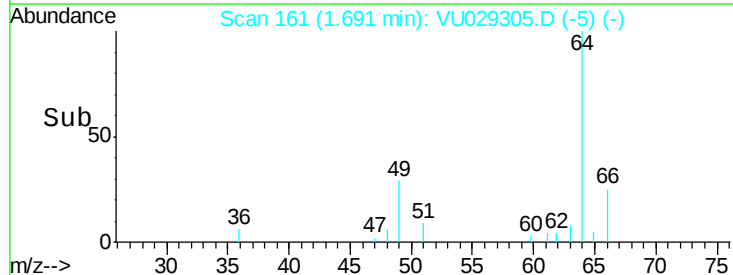
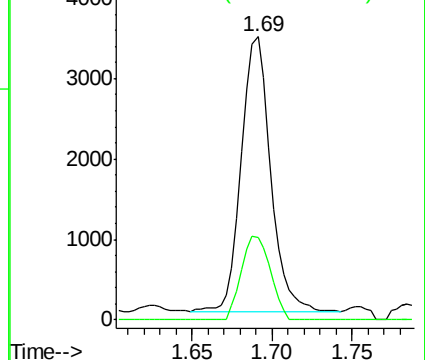
64 100

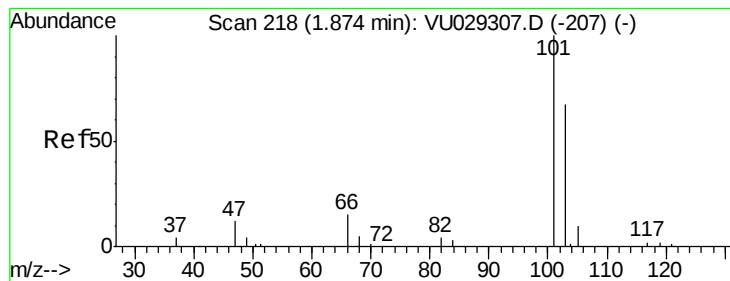
66 30.1 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

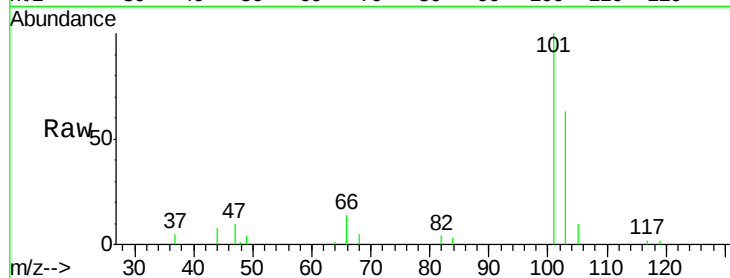




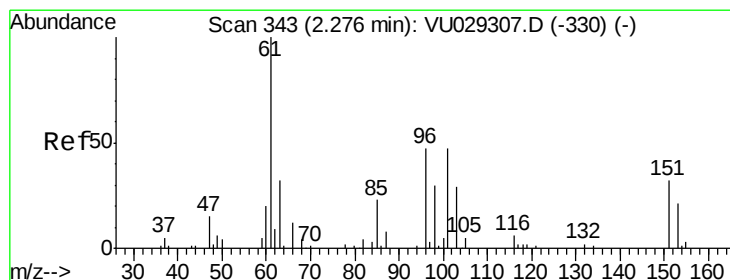
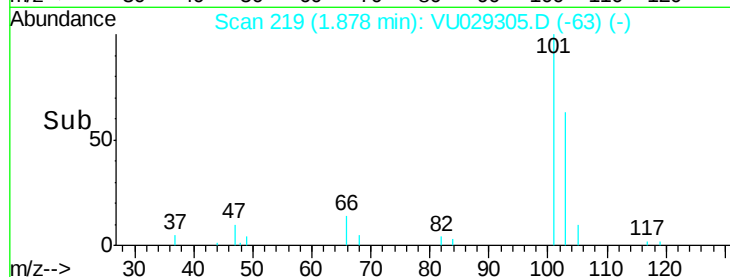
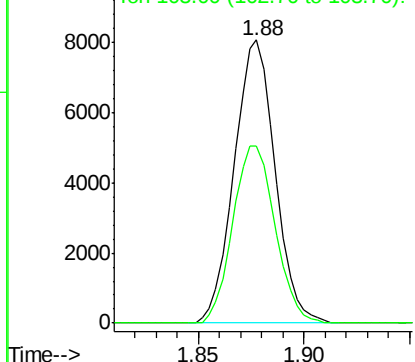
#7

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

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



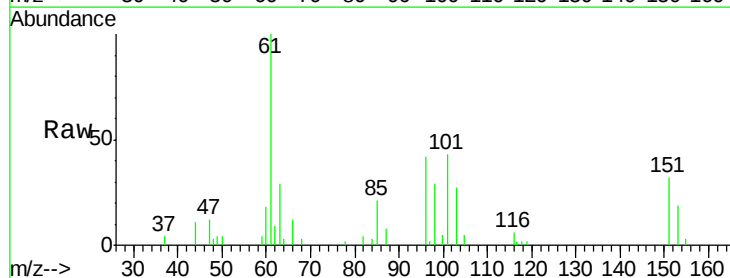
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



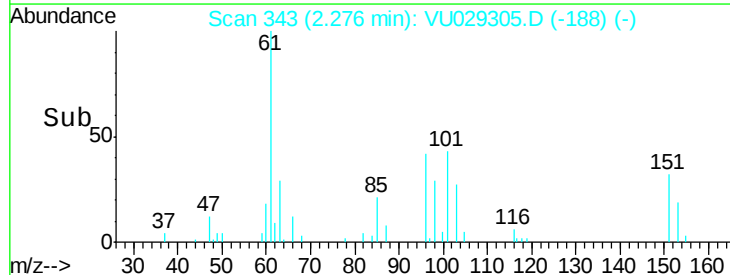
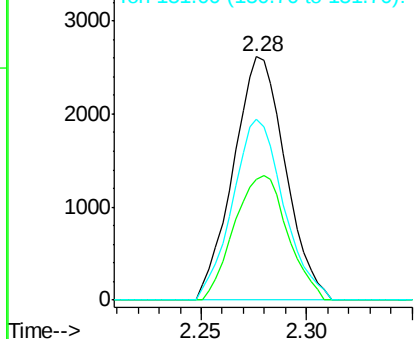
#8

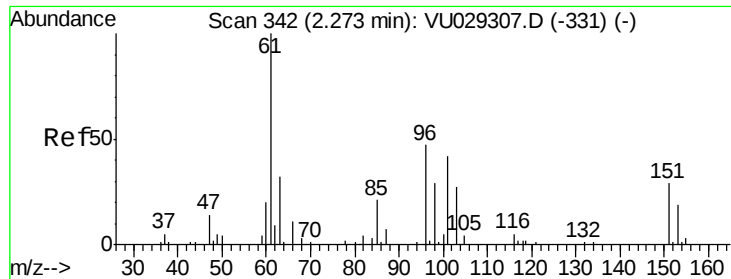
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.891 ug/l
RT: 2.28 min Scan# 343
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

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

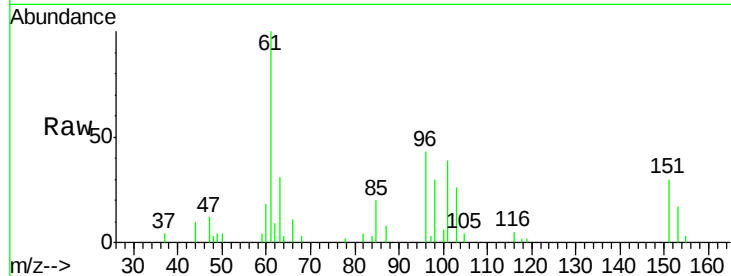
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tot Ion: 96 Resp: 4067

Ion	Ratio	Lower	Upper
96	100		
61	234.4	0.0	641.4
98	69.3	0.0	122.6

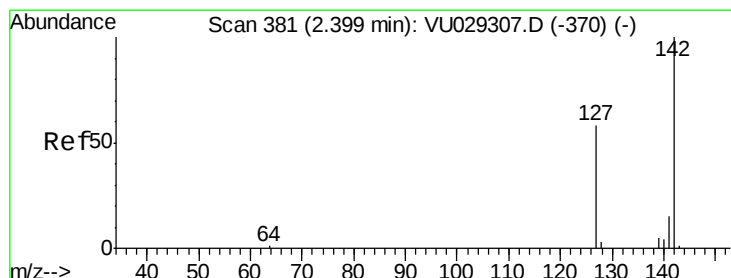
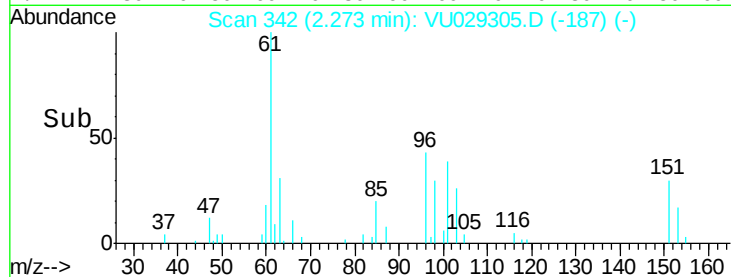
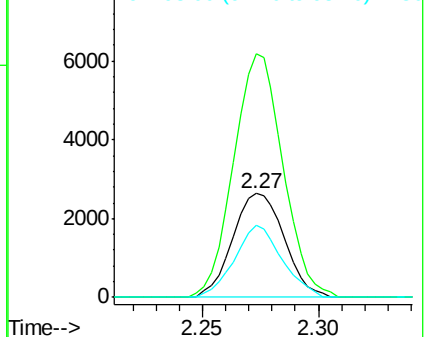


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.650 ug/l

RT: 2.40 min Scan# 381

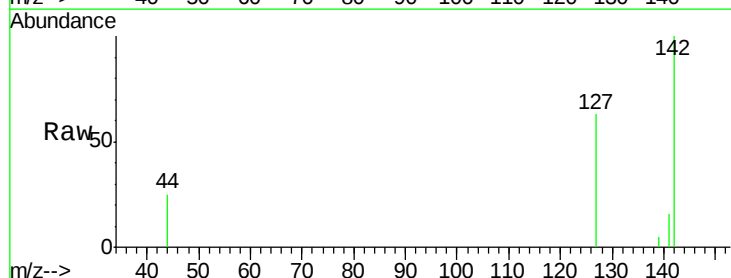
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 142 Resp: 3302

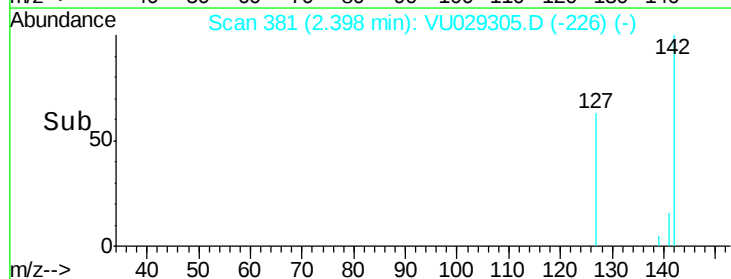
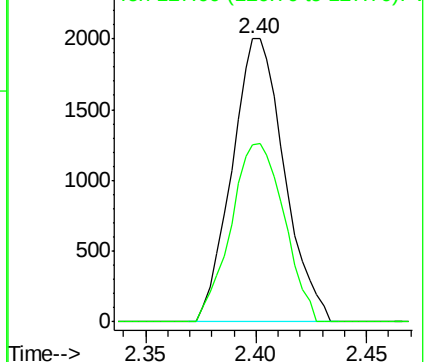
Ion	Ratio	Lower	Upper
142	100		
127	63.9	47.6	71.4

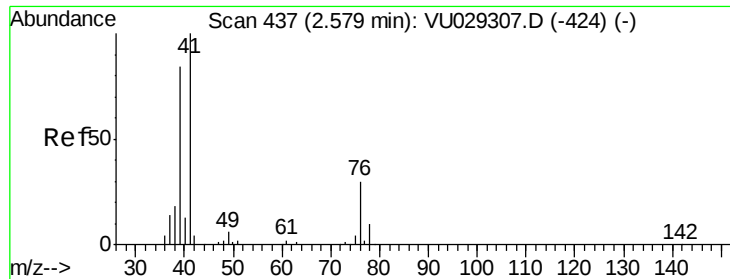


Abundance

Ion 142.00 (141.70 to 142.70): V

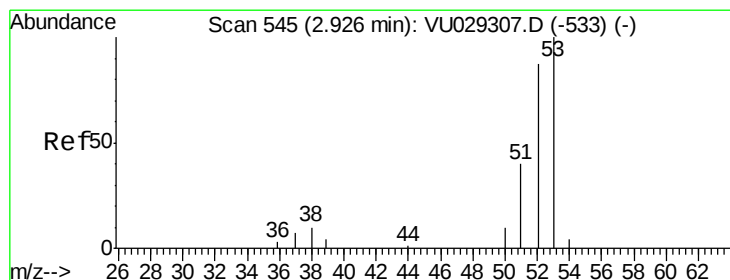
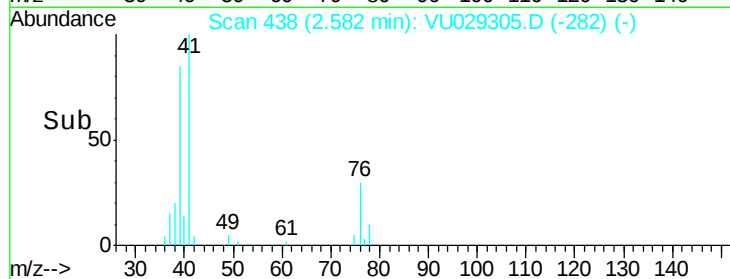
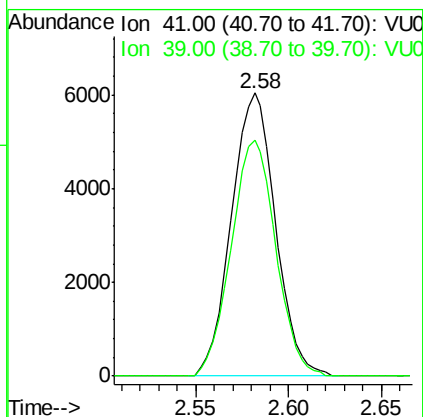
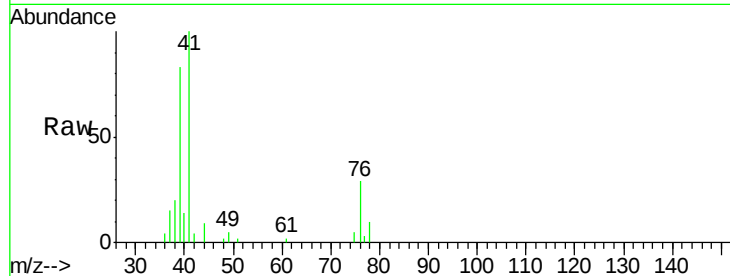
Ion 127.00 (126.70 to 127.70): V





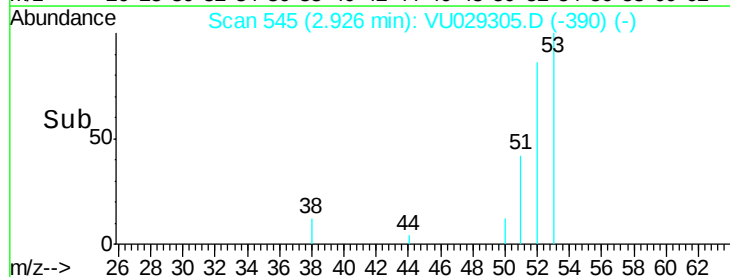
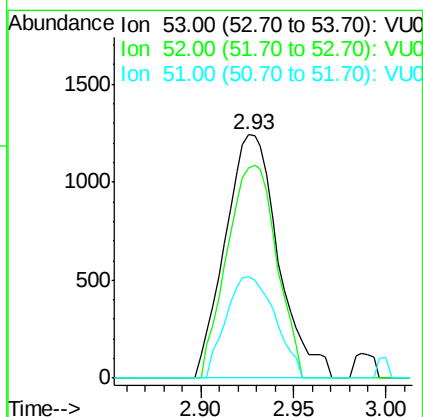
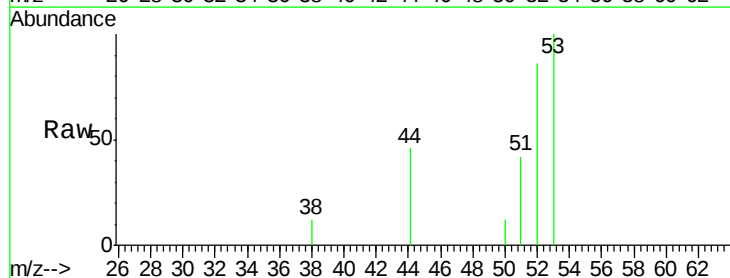
#11
Allvl Chloride
Concen: 1.776 ug/l
RT: 2.58 min Scan# 438
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

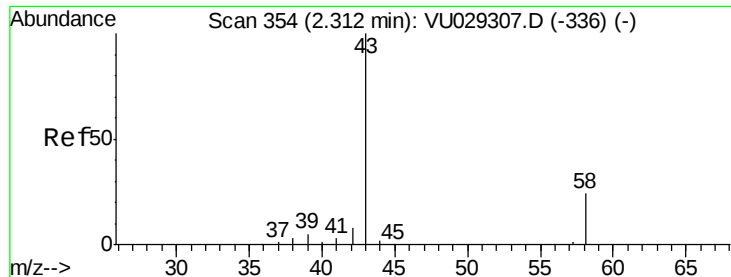
Tot Ion: 41 Resp: 9948
Ion Ratio Lower Upper
41 100
39 84.4 67.2 100.8



#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

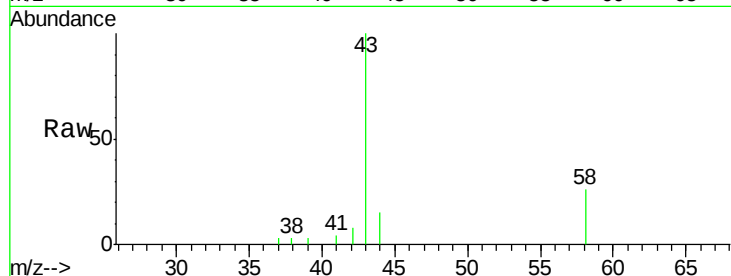
Acq: 29 Jan 2019 17:33

Tot Ion: 43 Resp: 7396

Ion Ratio Lower Upper

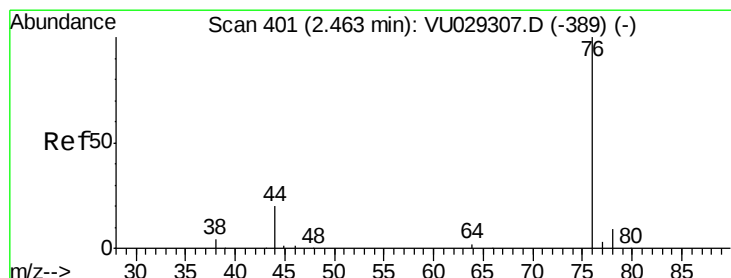
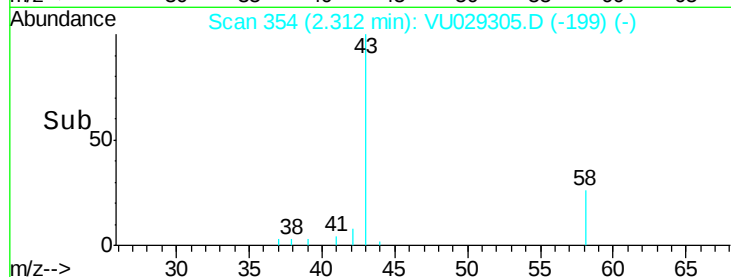
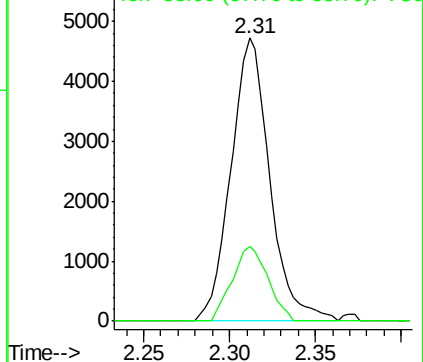
43 100

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

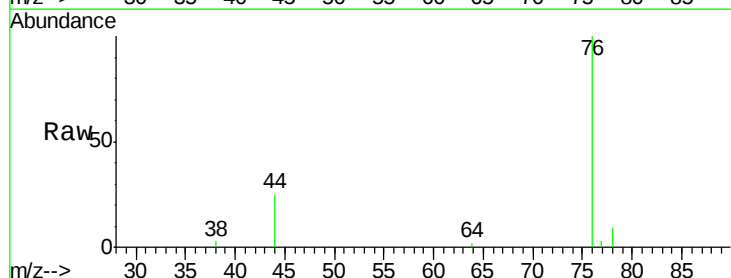
Acq: 29 Jan 2019 17:33

Tgt Ion: 76 Resp: 14966

Ion Ratio Lower Upper

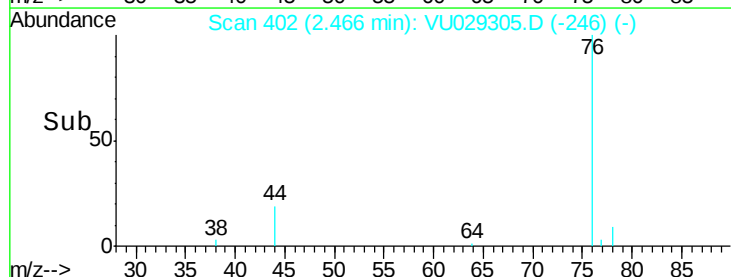
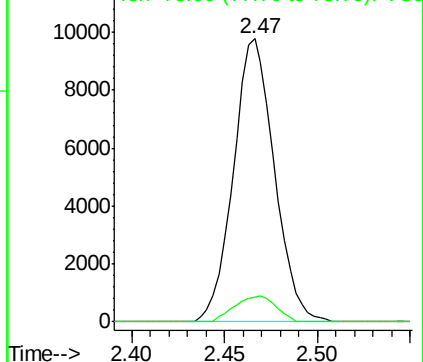
76 100

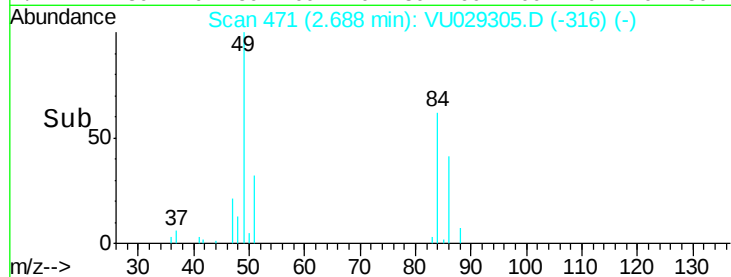
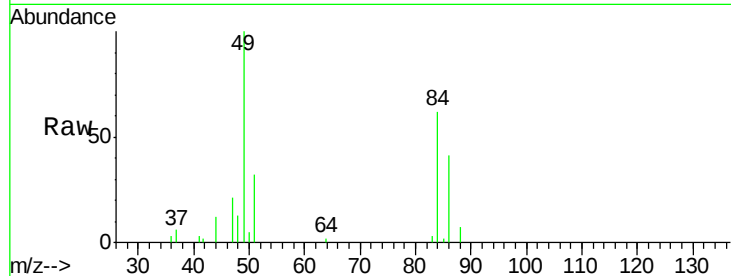
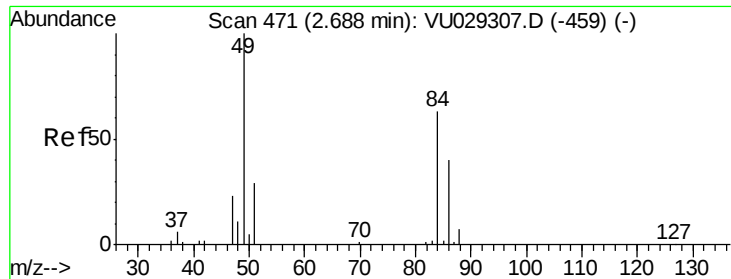
78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

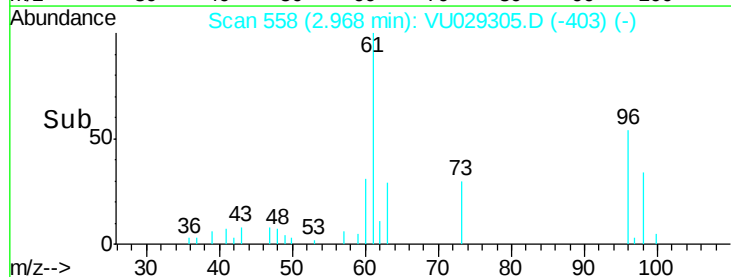
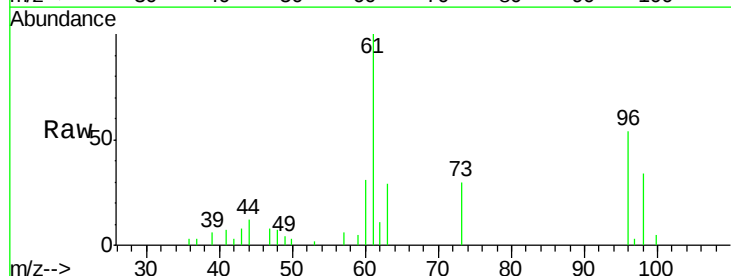
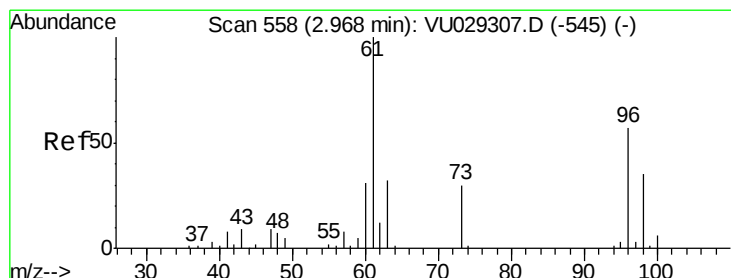
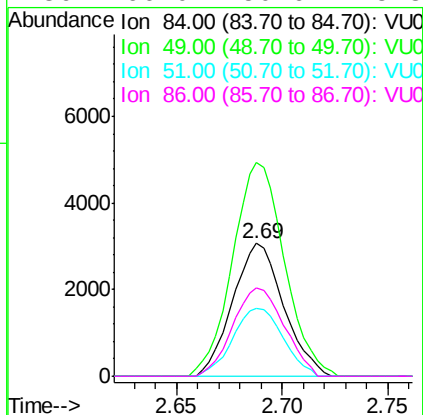




#15
Methvlene Chloride
Concen: 1.767 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tot Ion: 84 Resp: 5152

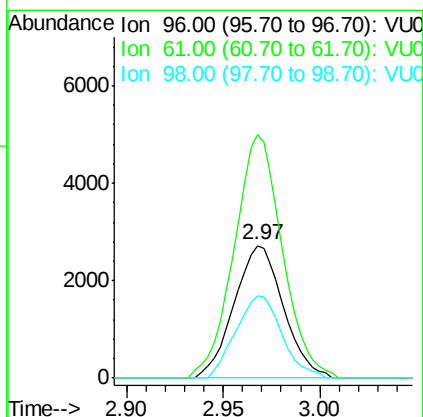
Ion	Ratio	Lower	Upper
84	100		
49	160.8	127.0	190.6
51	51.4	0.0	93.4
86	66.0	50.6	75.8

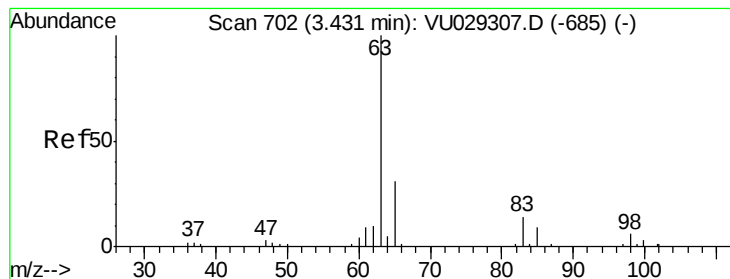


#16
trans-1,2-Dichloroethene
Concen: 1.918 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

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

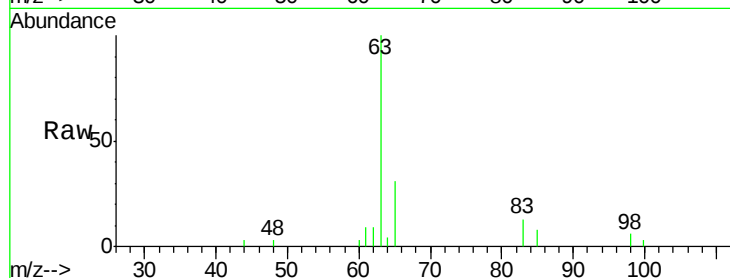
Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tot Ion: 63 Resp: 9944

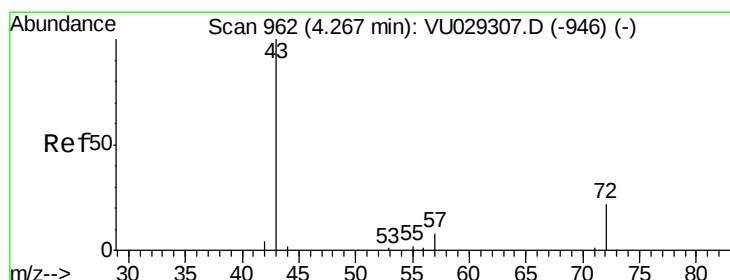
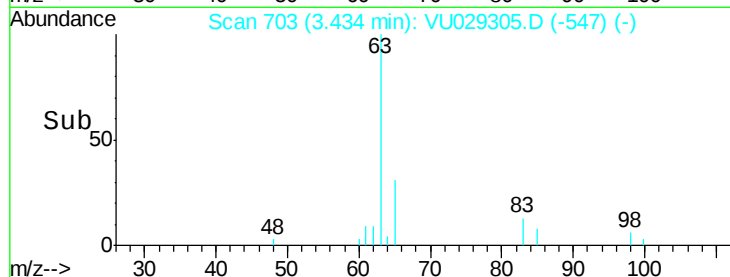
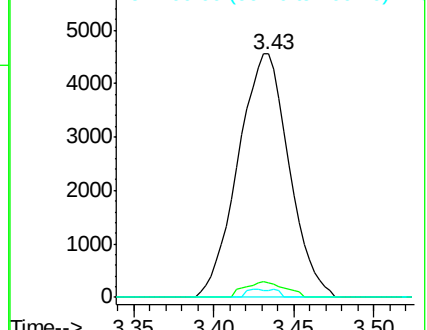
Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.9	8.8
100	3.0	1.7	5.1



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 9.385 ug/l

RT: 4.27 min Scan# 964

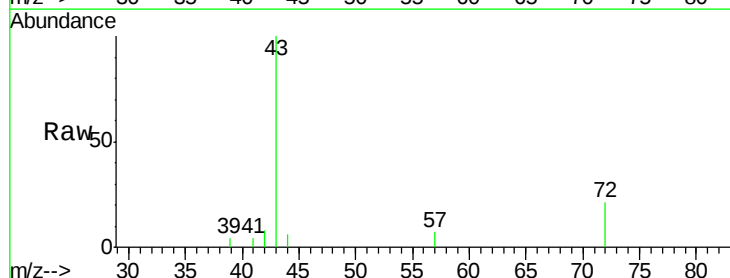
Delta R.T. 0.01 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

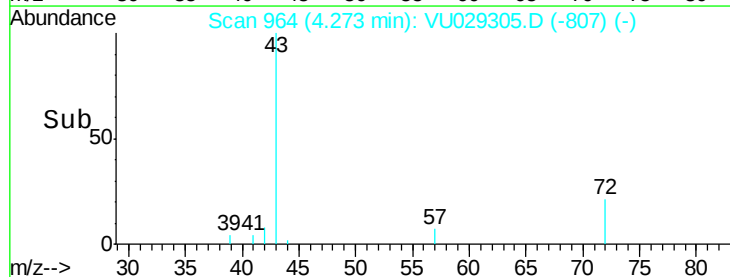
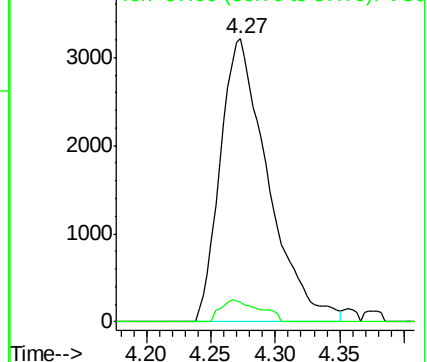
Tgt Ion: 43 Resp: 8279

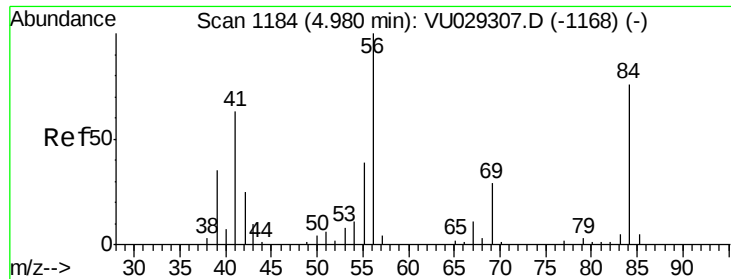
Ion	Ratio	Lower	Upper
43	100		
57	6.9	0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

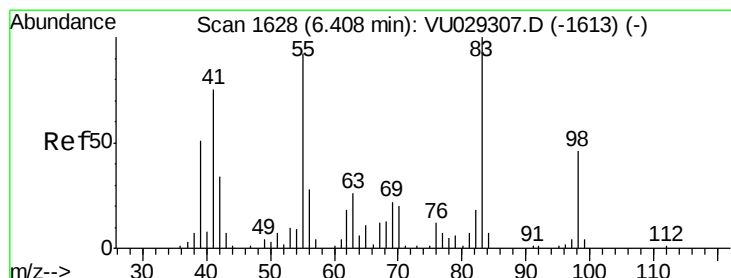
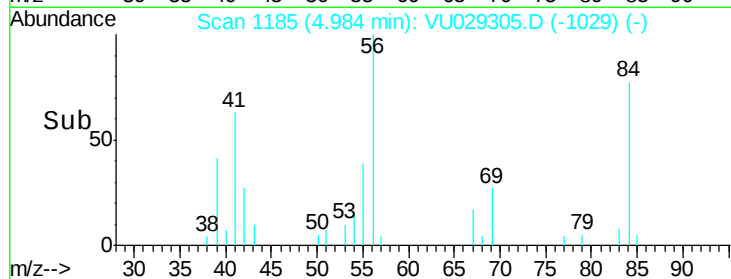
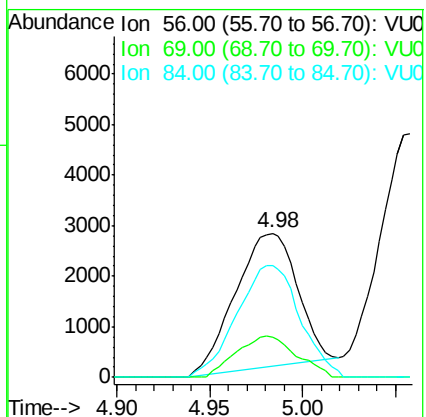
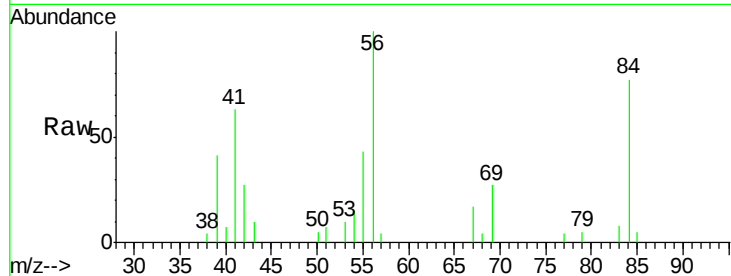
Ion 57.00 (56.70 to 57.70): VU0





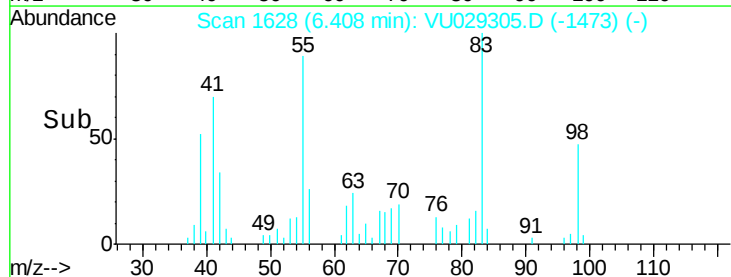
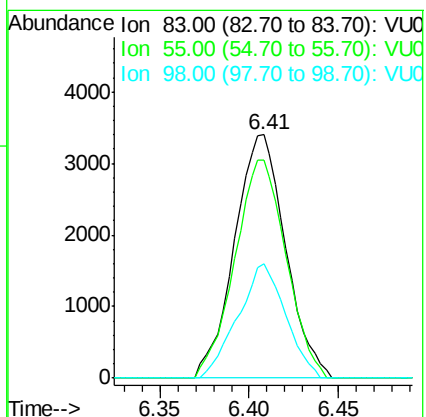
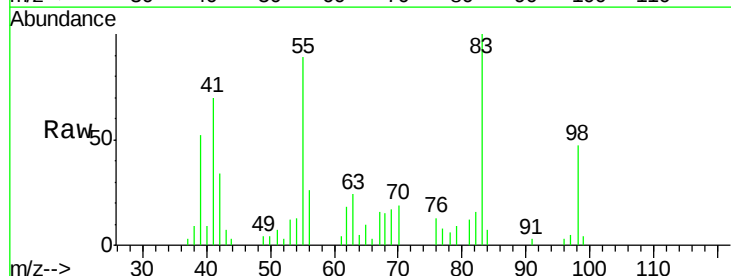
#19
Cyclohexane
Concen: 1.739 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

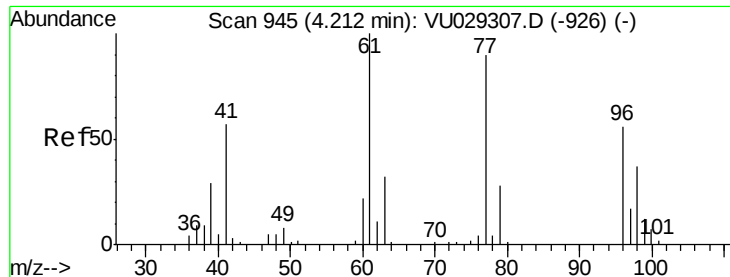
Tot Ion: 56 Resp: 6138
Ion Ratio Lower Upper
56 100
69 29.9 26.8 40.2
84 84.8 71.5 107.3



#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





#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

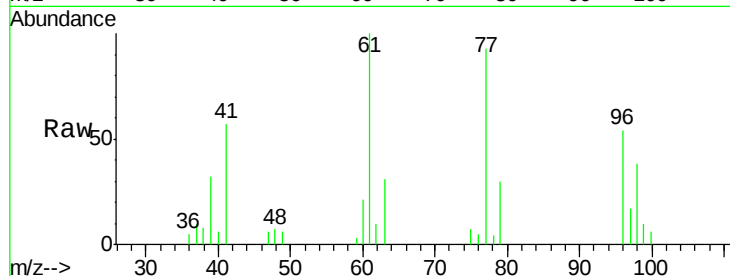
Acq: 29 Jan 2019 17:33

Tot Ion: 77 Resp: 9185

Ion Ratio Lower Upper

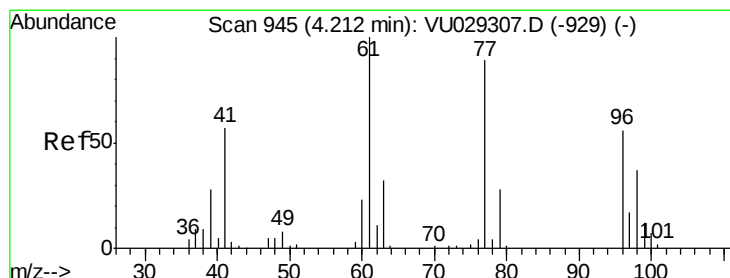
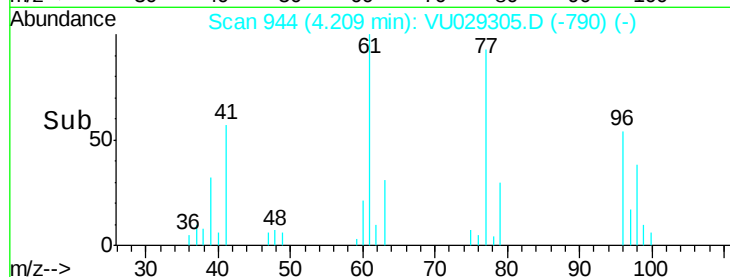
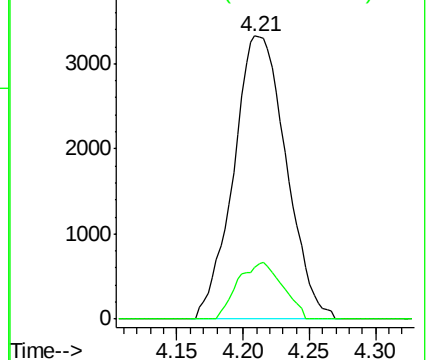
77 100

97 17.1 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.835 ug/l

RT: 4.22 min Scan# 946

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

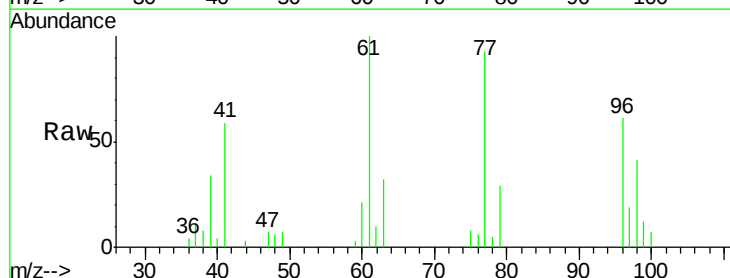
Tgt Ion: 96 Resp: 4875

Ion Ratio Lower Upper

96 100

61 177.3 0.0 460.0

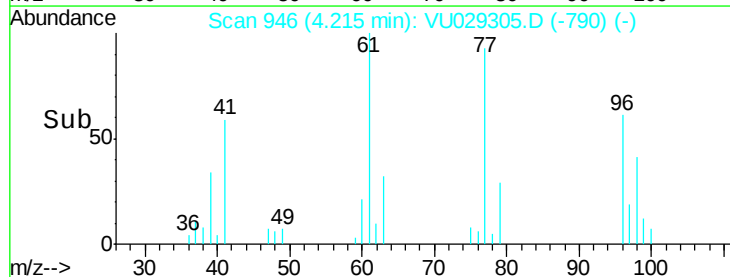
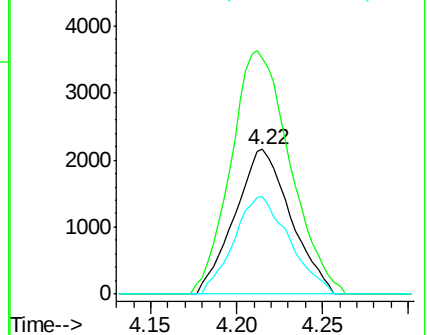
98 66.8 32.6 97.7

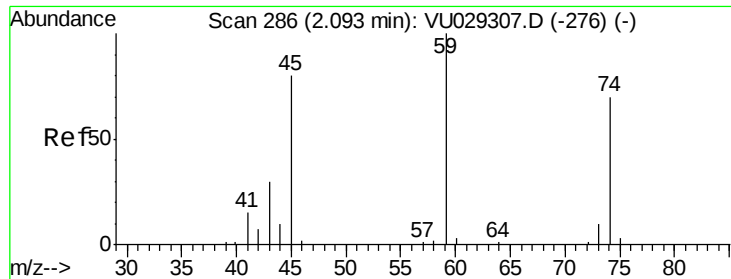


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

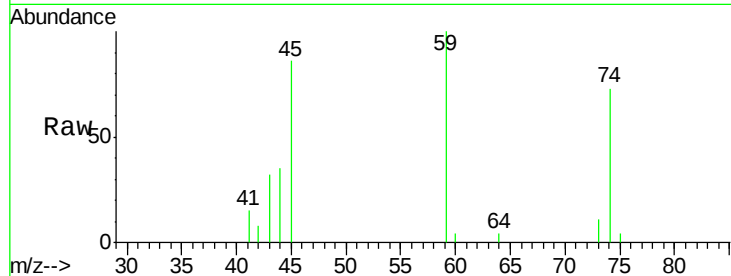




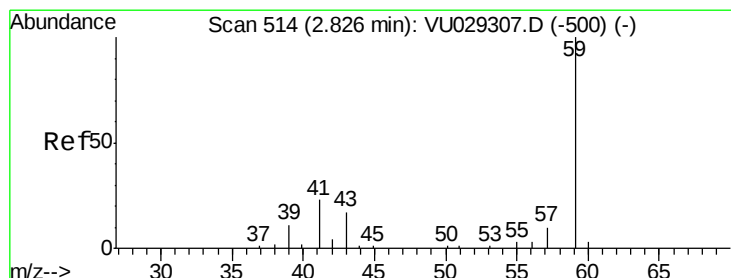
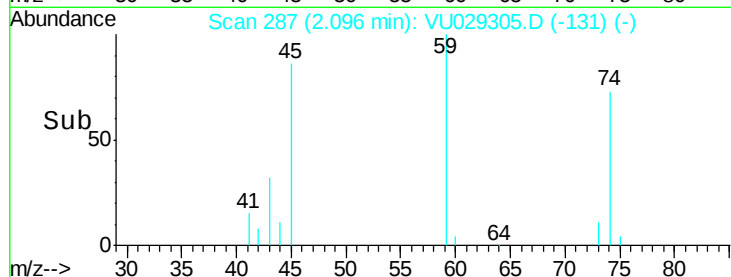
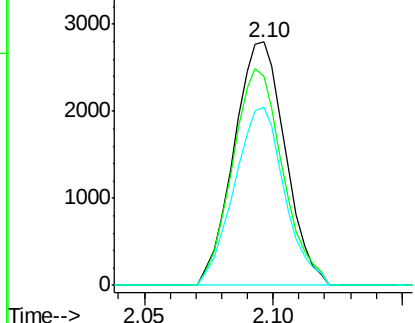
#23
Diethyl Ether
Concen: 1.717 ug/l
RT: 2.10 min Scan# 287
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tot Ion: 59 Resp: 3883

Ion	Ratio	Lower	Upper
59	100		
45	87.0	64.2	96.4
74	71.8	55.3	82.9



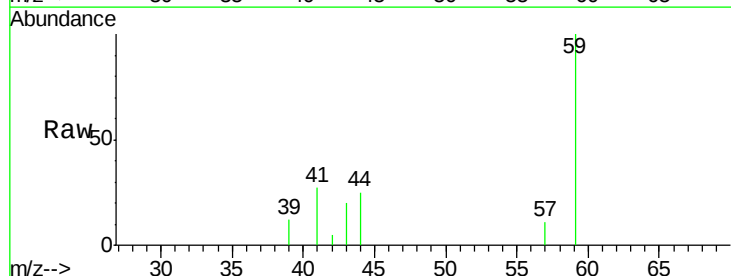
Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0



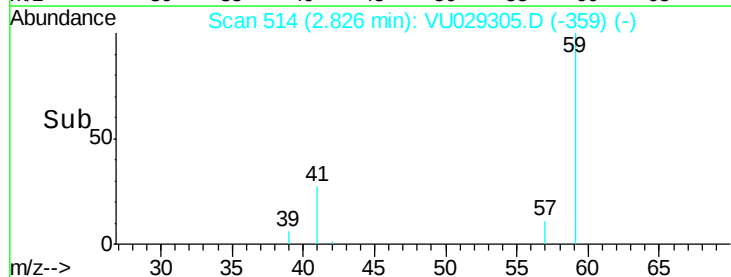
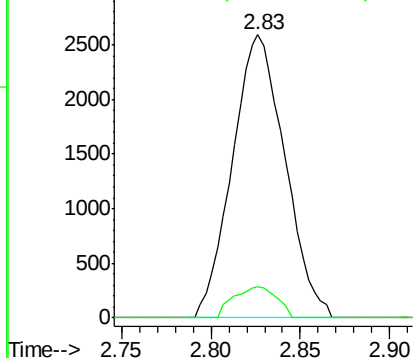
#24
tert-Butyl Alcohol
Concen: 19.698 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

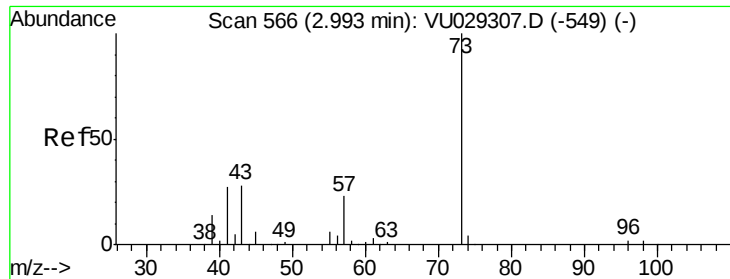
Tgt Ion: 59 Resp: 5330

Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.8	13.2



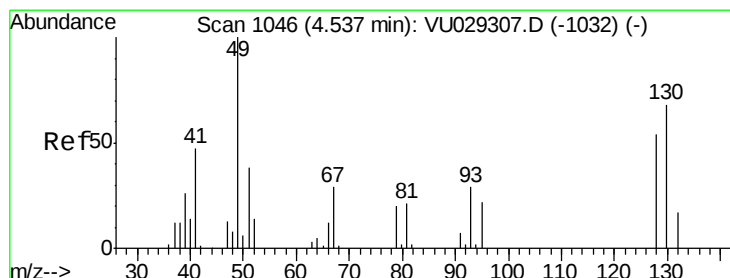
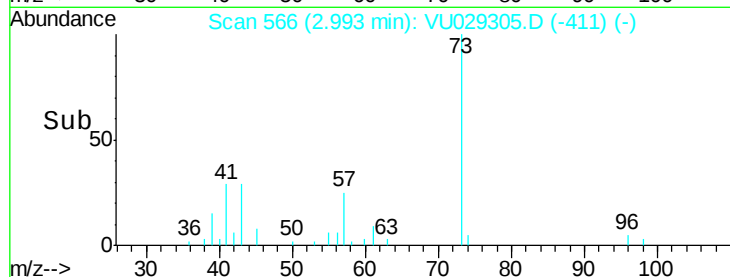
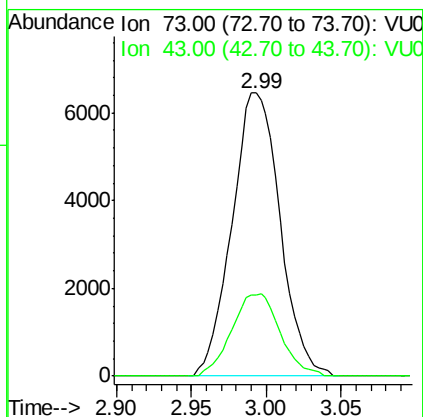
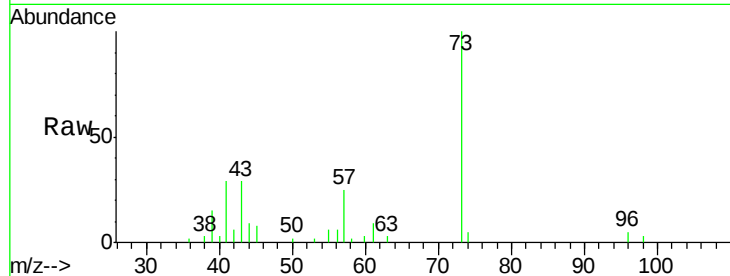
Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





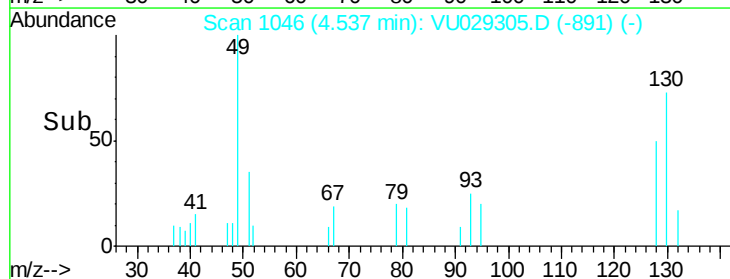
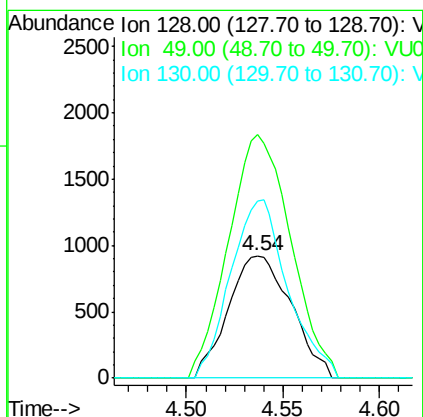
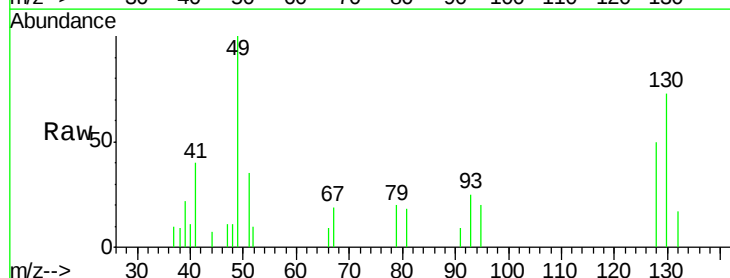
#25
Methyl tert-Butyl Ether
Concen: 1.901 ug/l
RT: 2.99 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

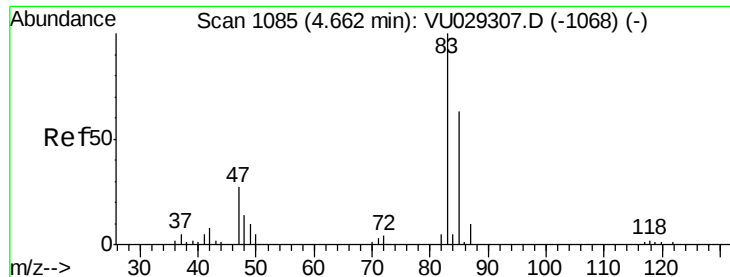
Tot Ion: 73 Resp: 14422
Ion Ratio Lower Upper
73 100
43 29.3 22.1 33.1



#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





#27

Chloroform

Concen: 1.922 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU029305.D

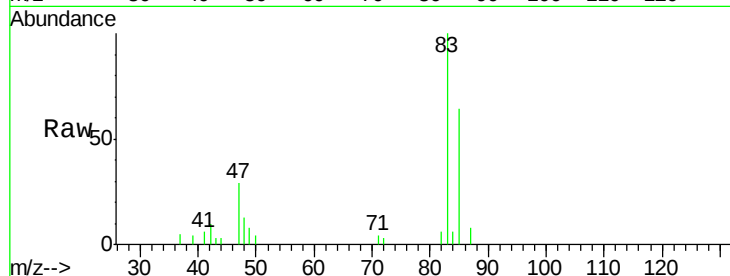
Acq: 29 Jan 2019 17:33

Tot Ion: 83 Resp: 10559

Ion Ratio Lower Upper

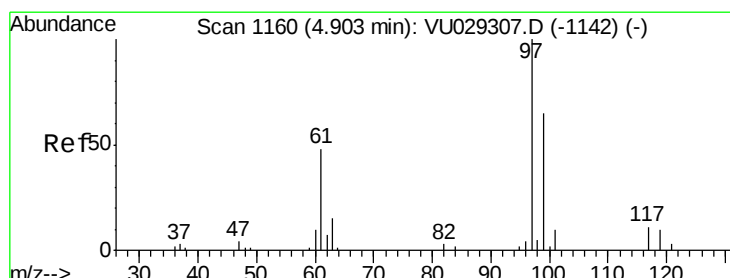
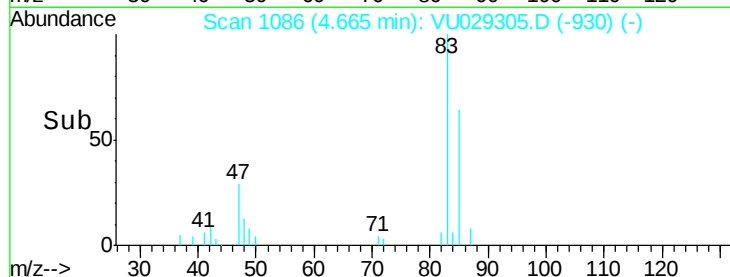
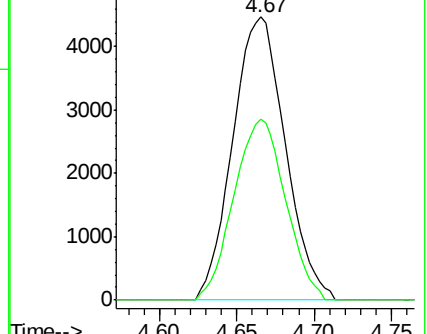
83 100

85 64.0 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 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

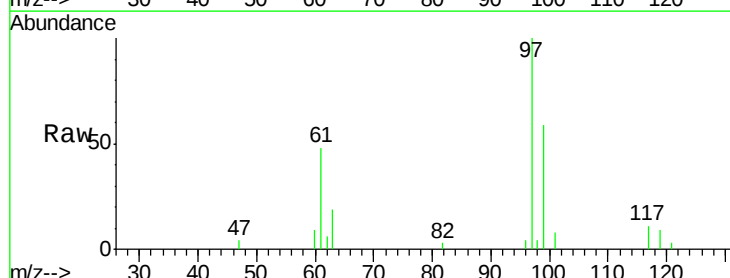
Tgt Ion: 97 Resp: 9768

Ion Ratio Lower Upper

97 100

99 59.3 32.4 97.2

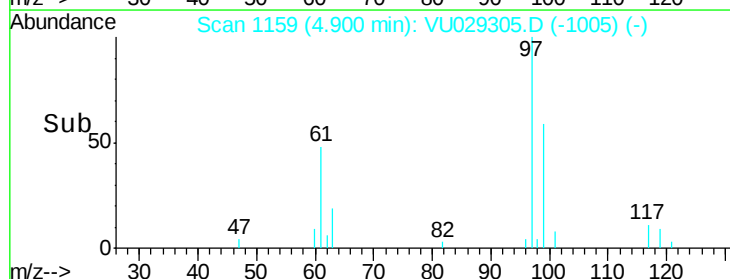
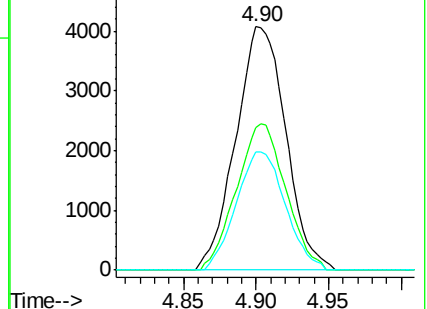
61 47.7 24.4 73.2

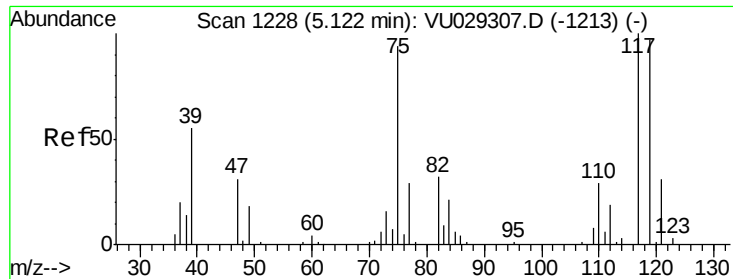


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

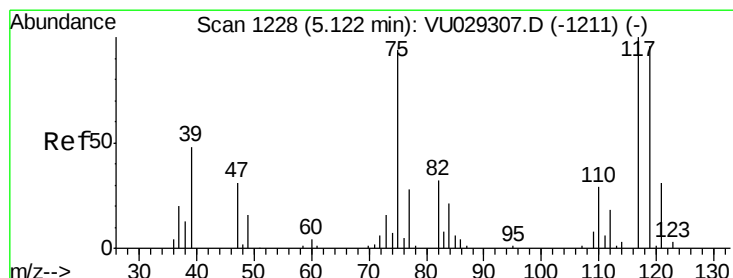
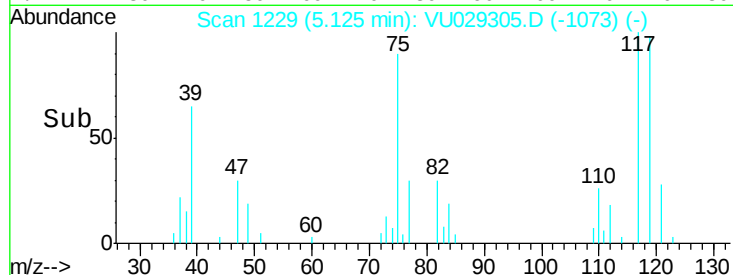
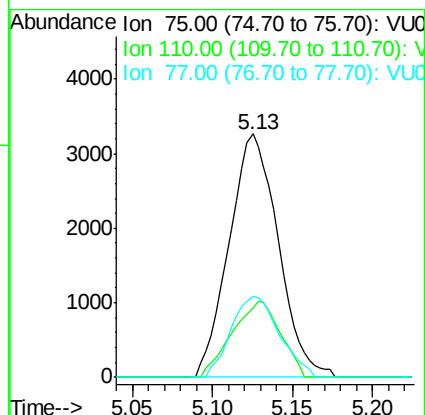
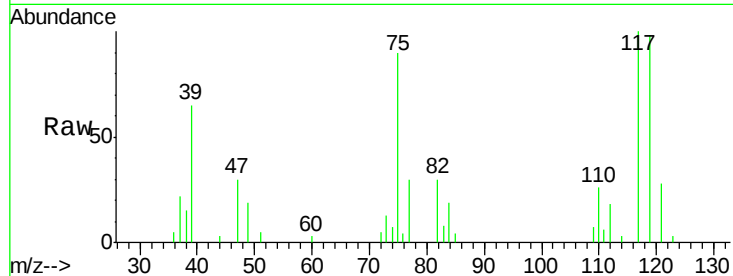
Ion 61.00 (60.70 to 61.70): VU0





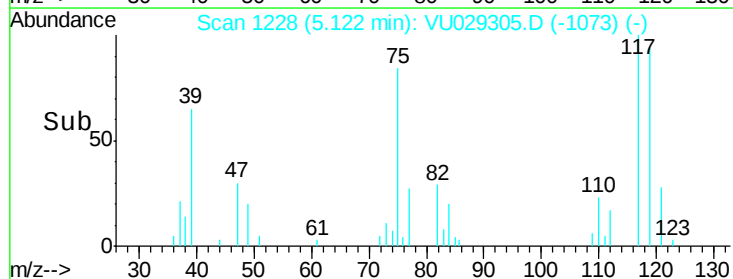
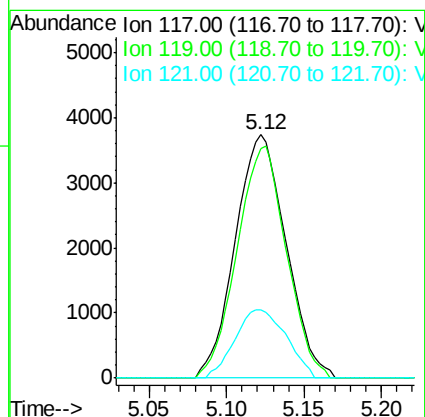
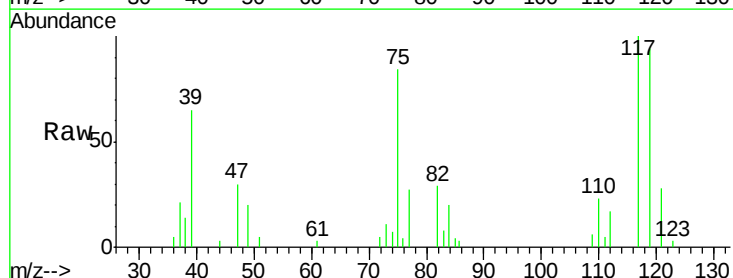
#29
 1,1-Dichloropropene
 Concen: 1.807 ug/l
 RT: 5.13 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

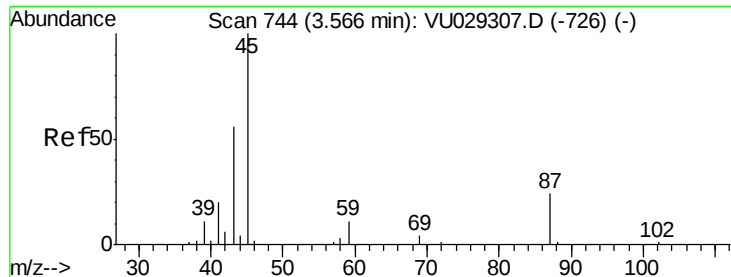
Tot Ion: 75 Resp: 6844
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.4 46.2
 77 32.6 24.1 36.1



#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

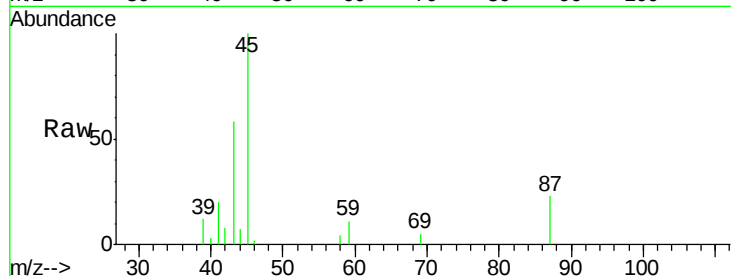
Acq: 29 Jan 2019 17:33

Tot Ion: 45 Resp: 14669

Ion Ratio Lower Upper

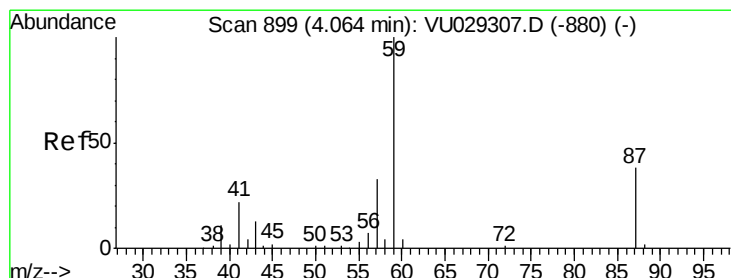
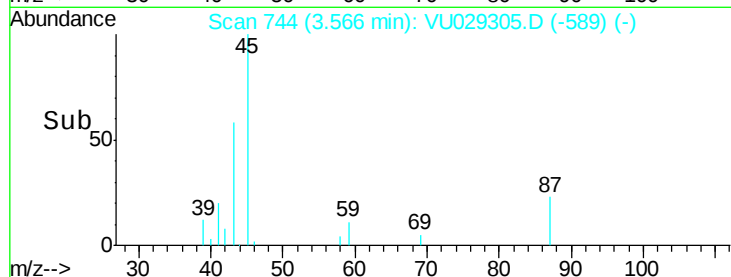
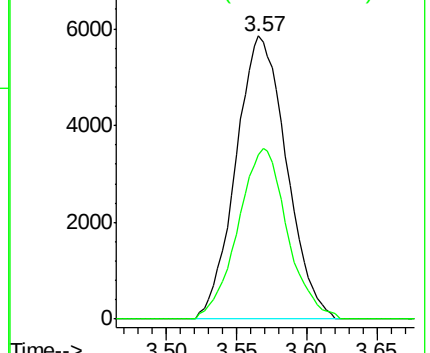
45 100

43 58.7 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029305.D (-589) (-)

Ion 43.00 (42.70 to 43.70): VU029305.D (-589) (-)



#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

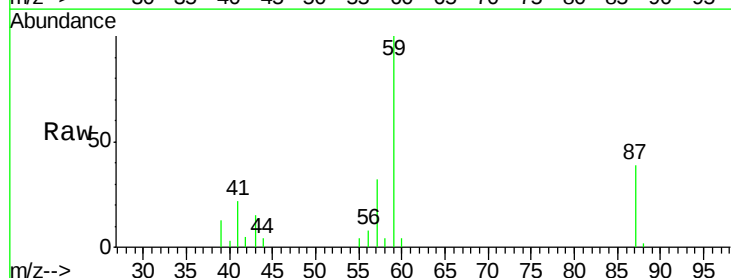
Acq: 29 Jan 2019 17:33

Tgt Ion: 59 Resp: 12896

Ion Ratio Lower Upper

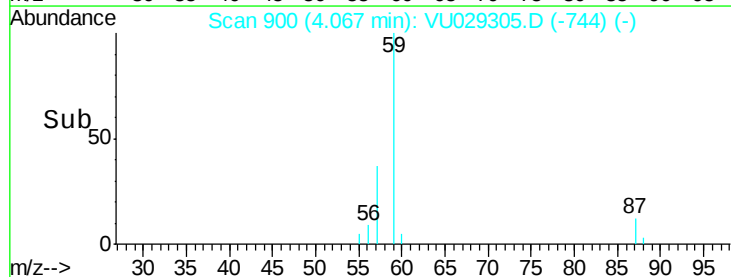
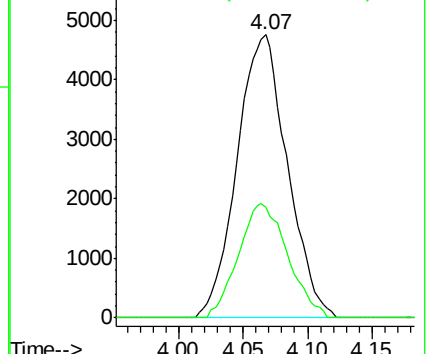
59 100

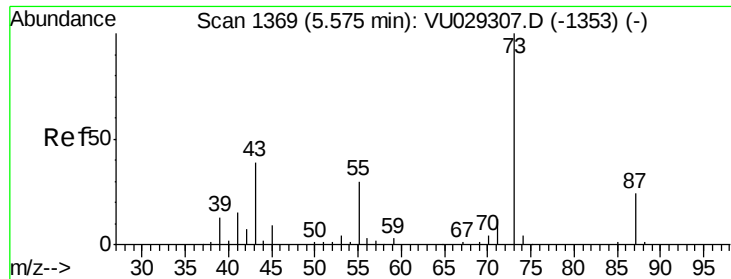
87 39.5 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029305.D (-744) (-)

Ion 87.00 (86.70 to 87.70): VU029305.D (-744) (-)

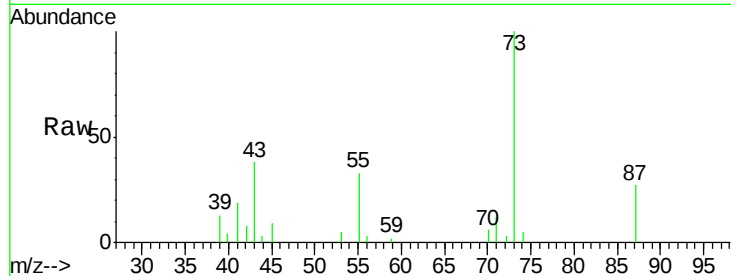




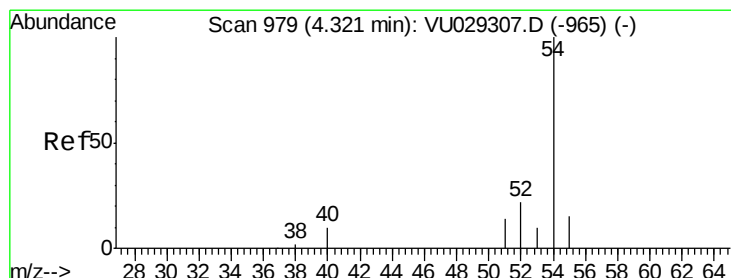
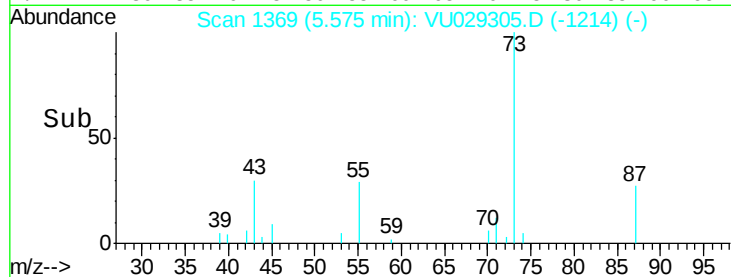
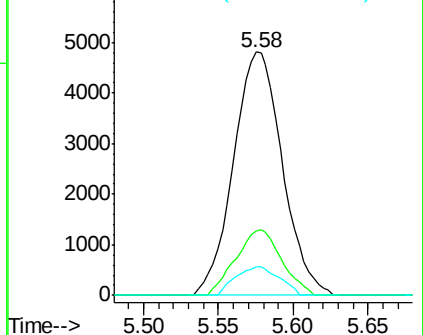
#33

Tert-Butyl 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

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.4	19.4	29.0
71	10.6	9.0	13.4



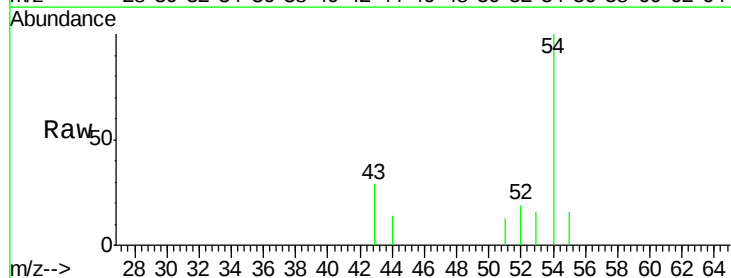
Abundance Ion 73.00 (72.70 to 73.70): VU029307.D (-1353) (-)
Ion 87.00 (86.70 to 87.70): VU029307.D (-1353) (-)
Ion 71.00 (70.70 to 71.70): VU029307.D (-1353) (-)



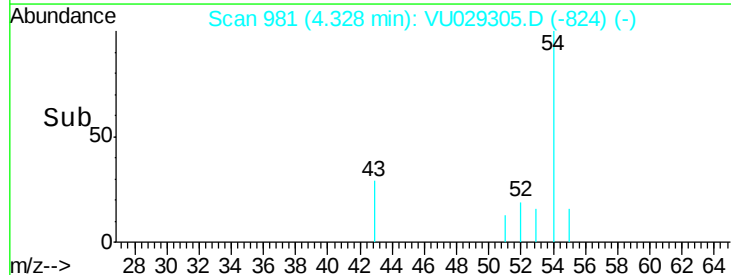
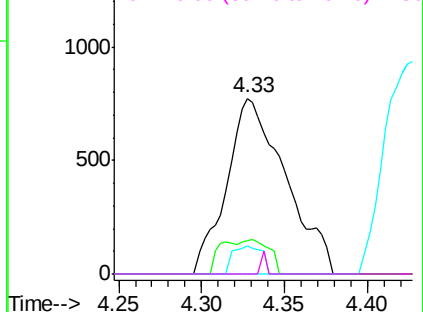
#34

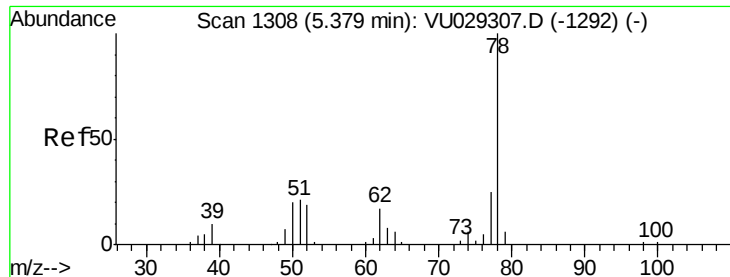
Propionitrile
Concen: 8.693 ug/l
RT: 4.33 min Scan# 981
Delta R.T. 0.01 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

Tgt Ion	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): VU029307.D (-965) (-)
Ion 52.00 (51.70 to 52.70): VU029307.D (-965) (-)
Ion 55.00 (54.70 to 55.70): VU029307.D (-965) (-)
Ion 40.00 (39.70 to 40.70): VU029307.D (-965) (-)





#35

Benzene

Concen: 1.850 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029305.D

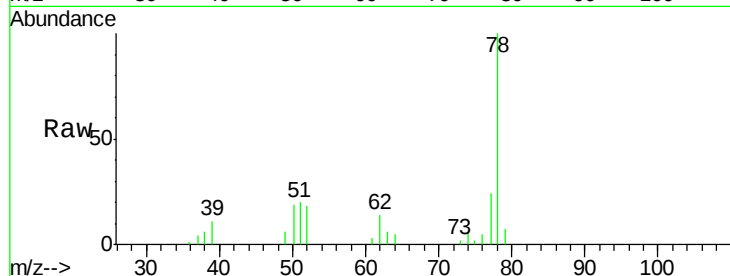
Acq: 29 Jan 2019 17:33

Tot Ion: 78 Resp: 19103

Ion Ratio Lower Upper

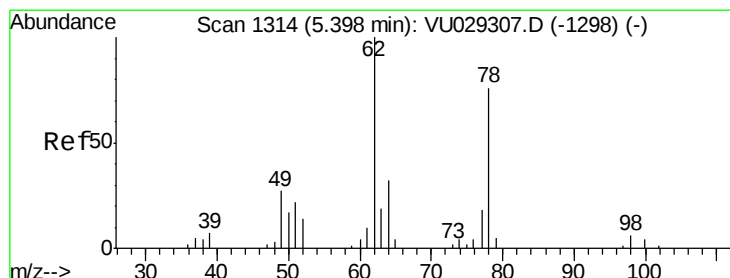
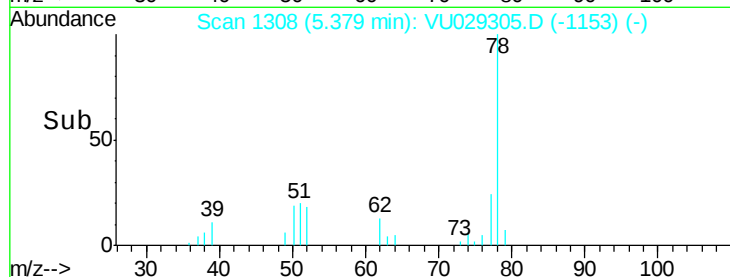
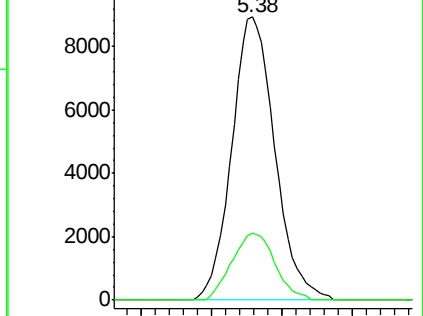
78 100

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

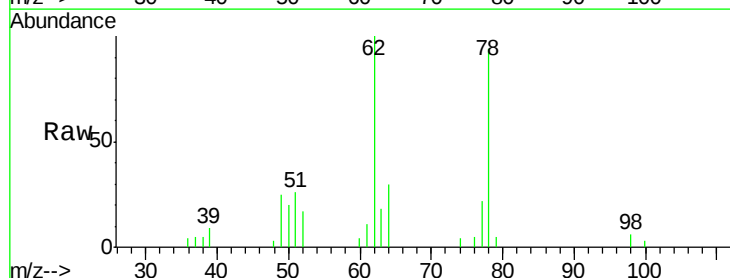
Acq: 29 Jan 2019 17:33

Tgt Ion: 62 Resp: 8301

Ion Ratio Lower Upper

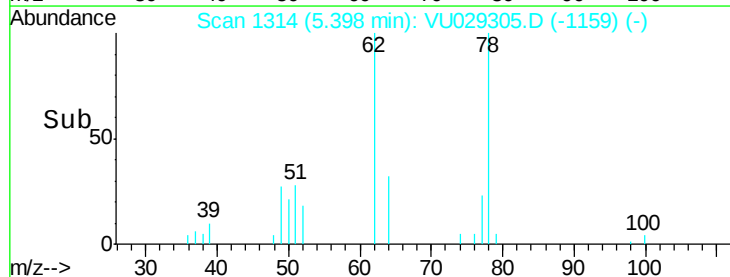
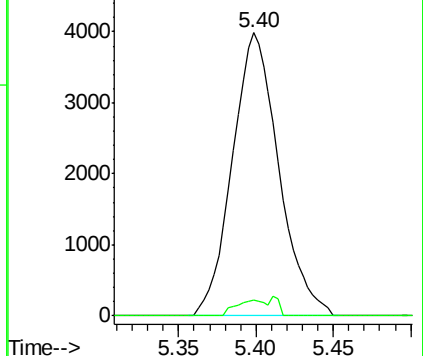
62 100

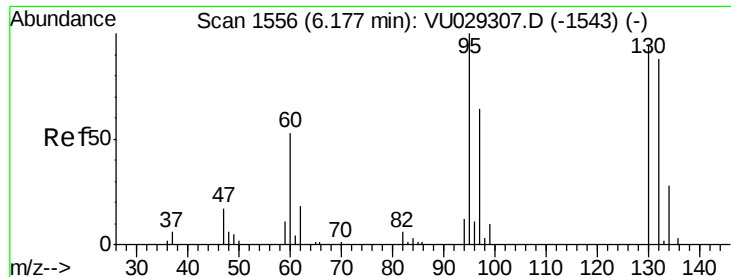
98 3.6 4.9 7.3#



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

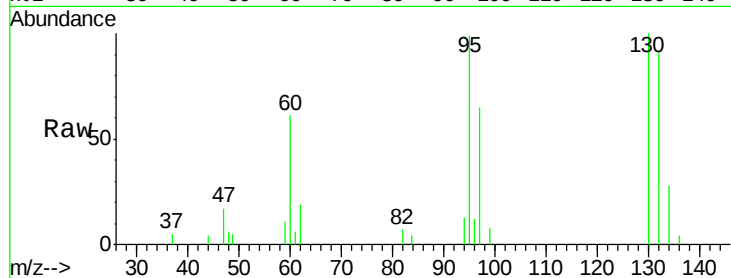
Acq: 29 Jan 2019 17:33

Tot Ion:130 Resp: 5009

Ion Ratio Lower Upper

130 100

95 99.0 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029307.D (-1543) (-)

Ion 94.90 (94.60 to 95.60): VU029305.D (-1401) (-)

6.18

3000

2500

2000

1500

1000

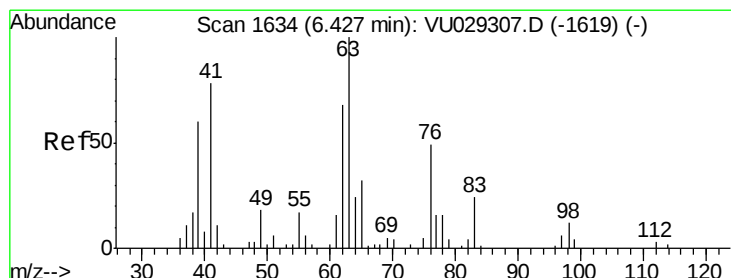
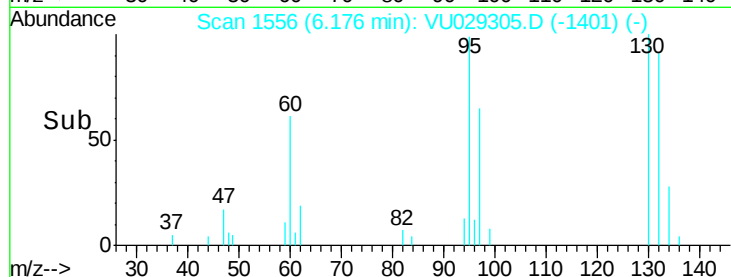
500

0

6.15

6.20

Time-->



#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

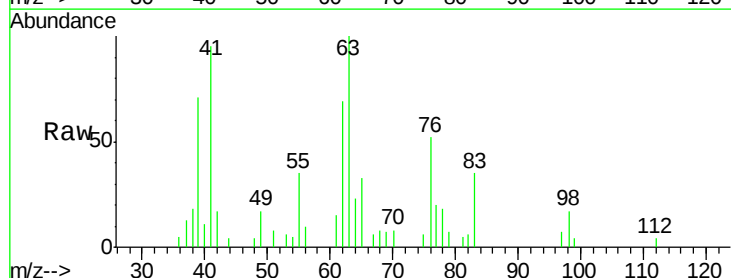
Acq: 29 Jan 2019 17:33

Tgt Ion: 63 Resp: 5259

Ion Ratio Lower Upper

63 100

65 33.1 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029307.D (-1619) (-)

Ion 65.00 (64.70 to 65.70): VU029305.D (-1479) (-)

6.43

3000

2500

2000

1500

1000

500

0

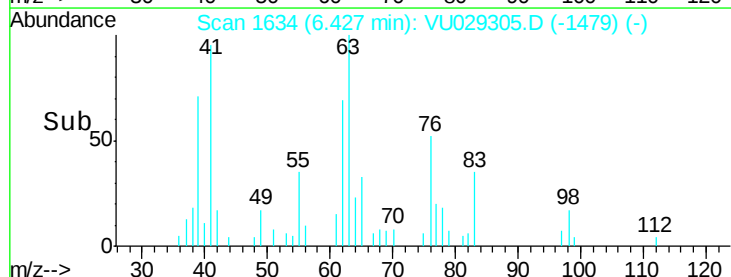
6.35

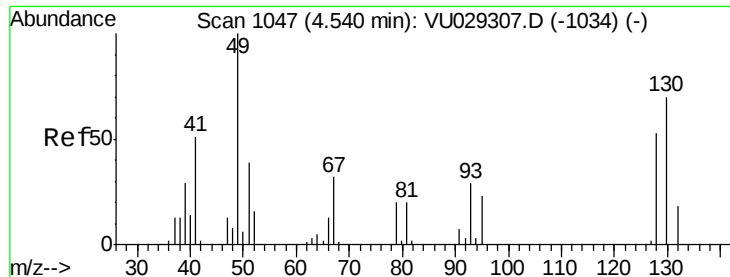
6.40

6.45

6.50

Time-->





#39

Methacrylonitrile

Concen: 1.877 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. 0.00 min

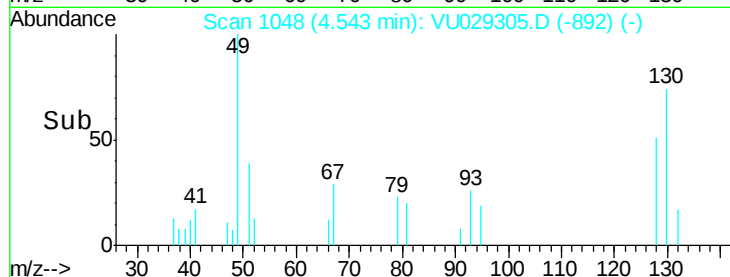
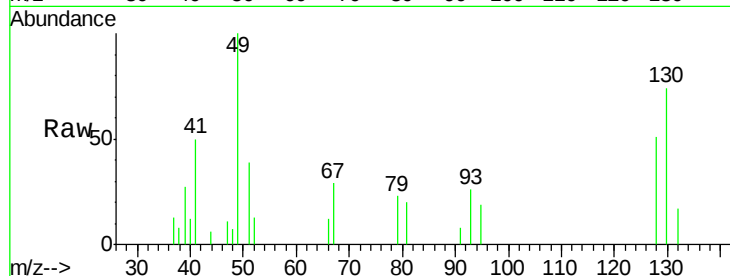
Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tot 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#



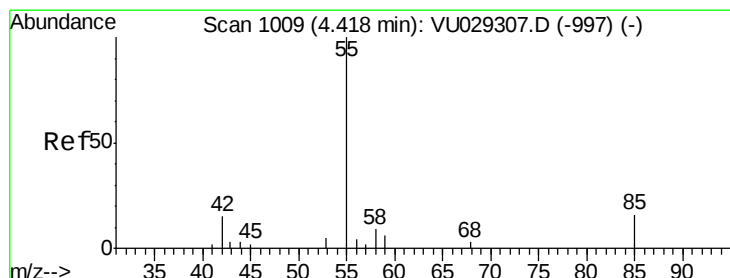
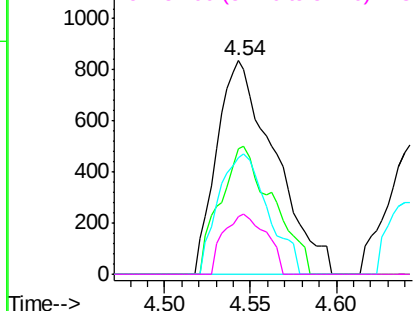
Abundance

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

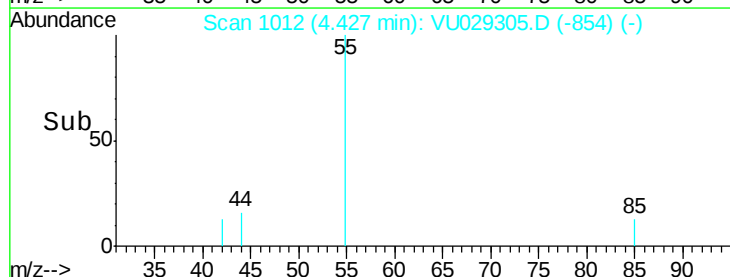
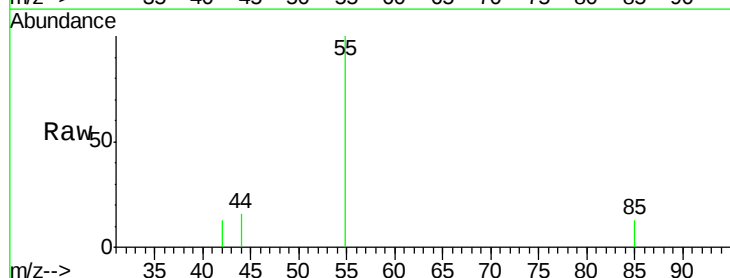
Lab File: VU029305.D

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#



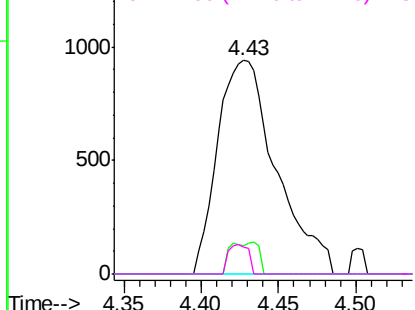
Abundance

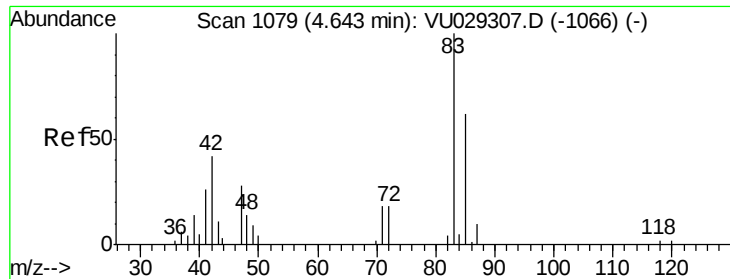
Ion 55.00 (54.70 to 55.70): VU0

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

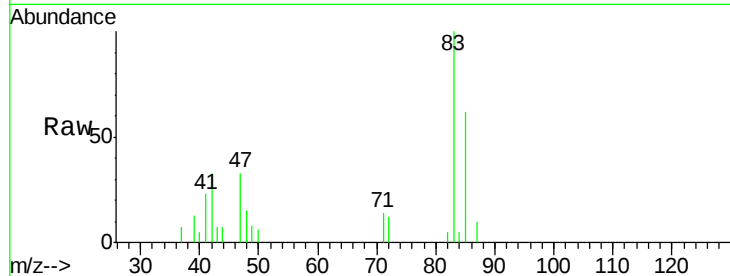
Tot Ion: 42 Resp: 1723

Ion Ratio Lower Upper

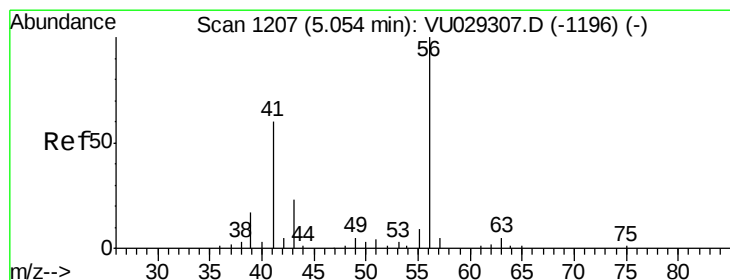
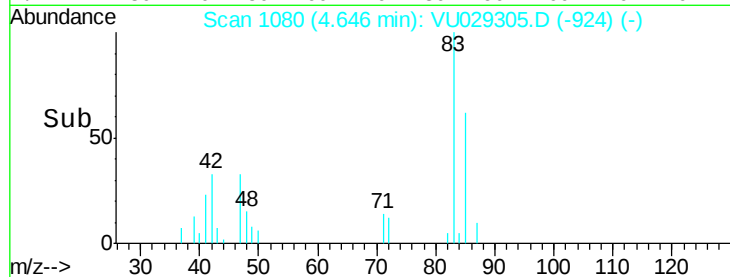
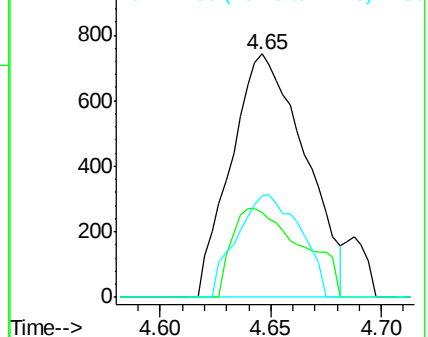
42 100

72 34.6 33.1 49.7

71 36.3 30.2 45.2



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



#42

1-Chlorobutane

Concen: 1.775 ug/l

RT: 5.06 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU029305.D

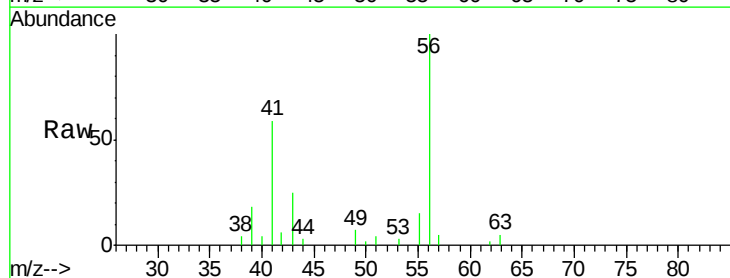
Acq: 29 Jan 2019 17:33

Tgt Ion: 56 Resp: 10449

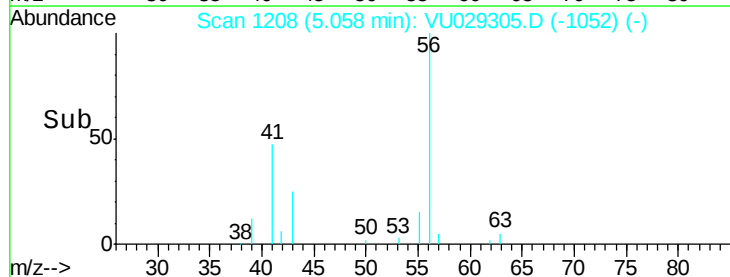
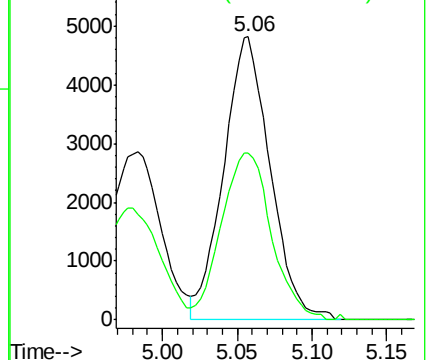
Ion Ratio Lower Upper

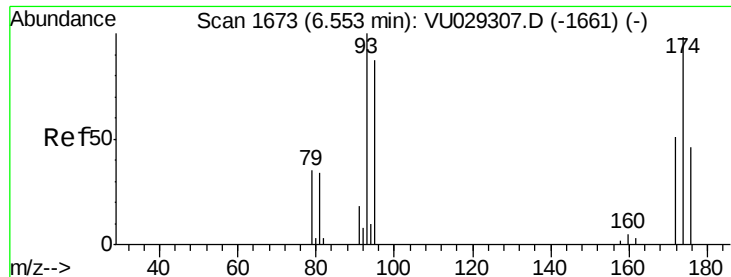
56 100

41 63.4 31.3 93.8



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





#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

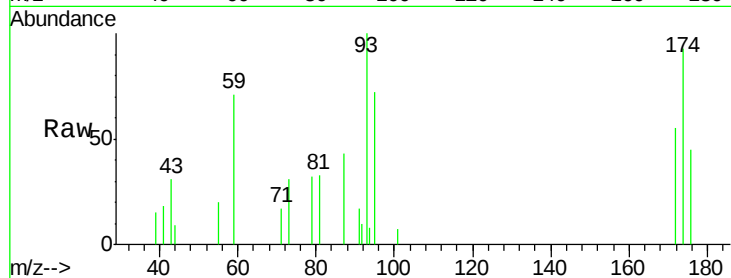
Tot Ion: 93 Resp: 2672

Ion Ratio Lower Upper

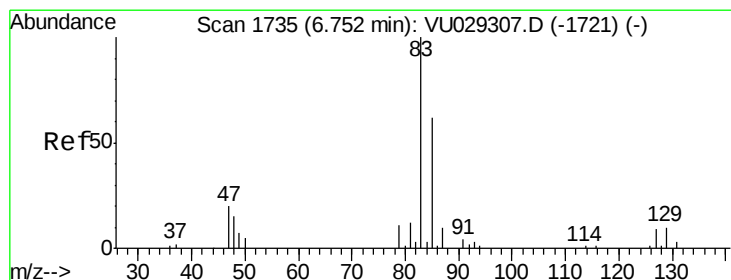
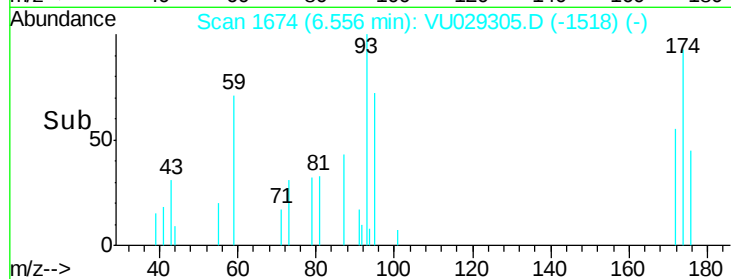
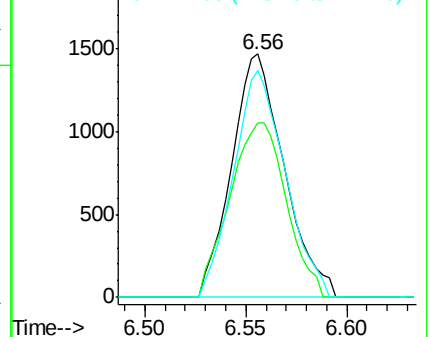
93 100

95 77.1 68.2 102.2

174 92.0 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#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

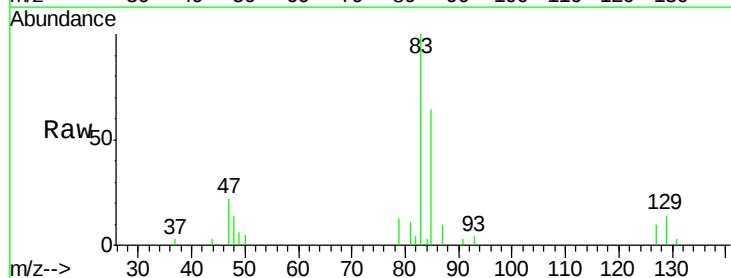
Tgt Ion: 83 Resp: 7596

Ion Ratio Lower Upper

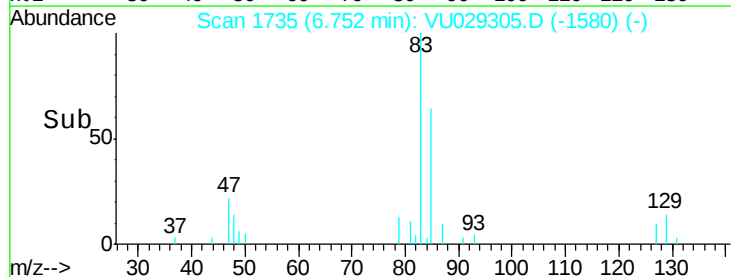
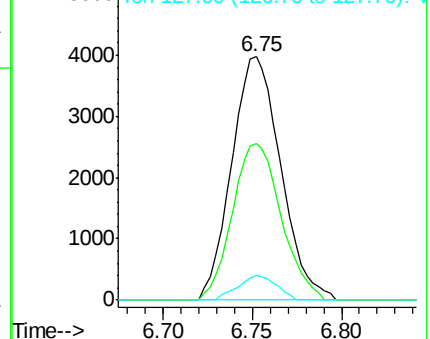
83 100

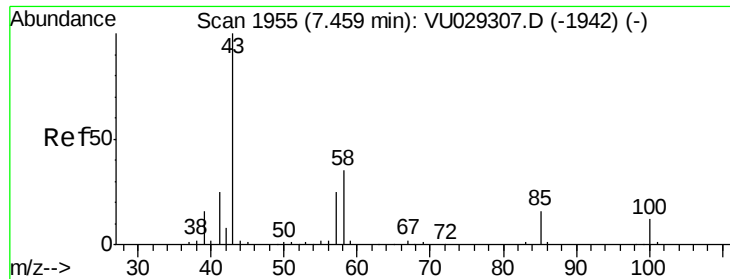
85 64.2 49.2 73.8

127 10.1 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





#45

4-Methyl-2-Pentanone

Concen: 8.929 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

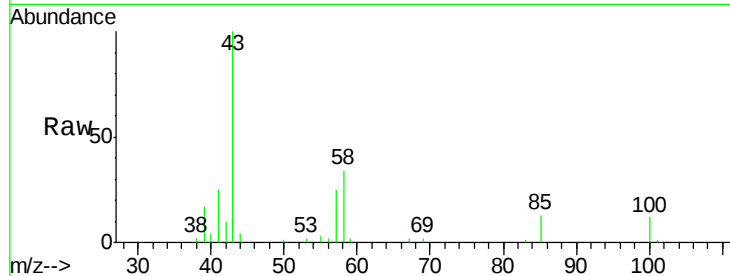
Tot Ion: 43 Resp: 18108

Ion Ratio Lower Upper

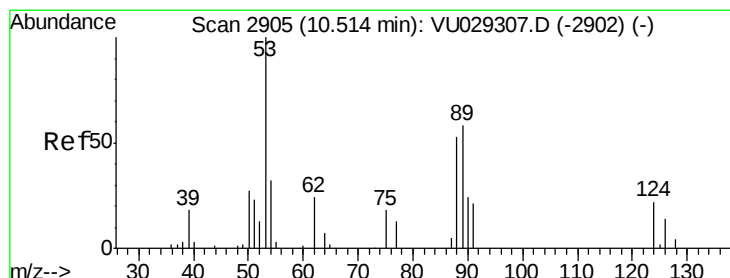
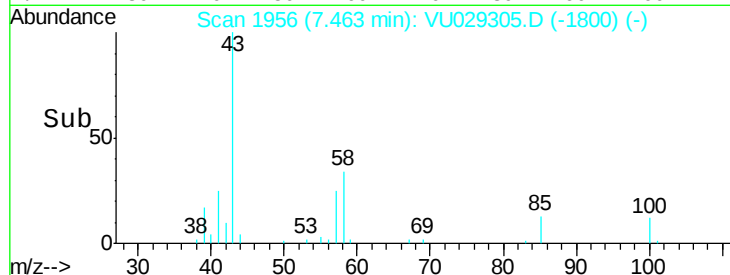
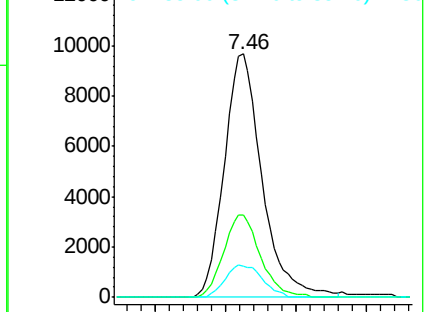
43 100

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: 3.944 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 75 Resp: 2783

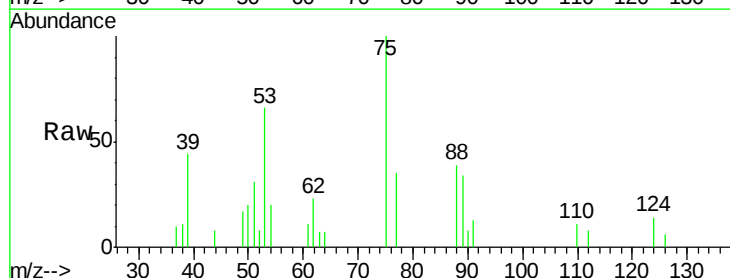
Ion Ratio Lower Upper

75 100

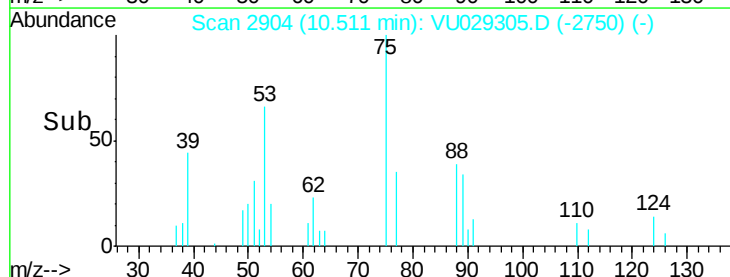
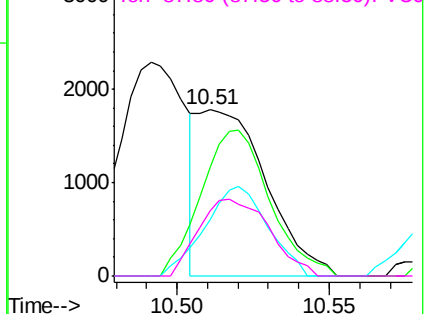
53 88.5 78.2 117.4

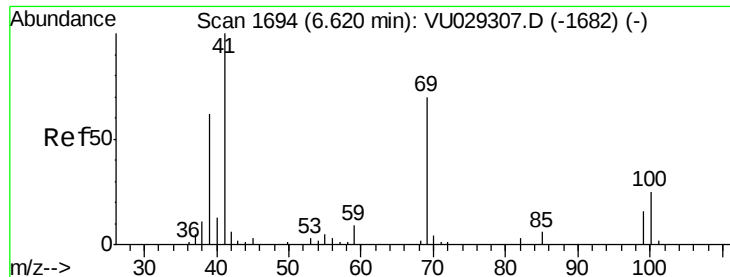
89 49.7 44.2 66.4

88 47.9 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

Tot Ion: 69 Resp: 4166

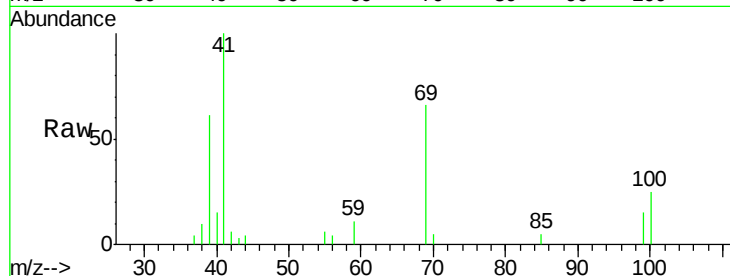
Ion	Ratio	Lower	Upper
69	100		
41	148.2	0.0	296.2
39	93.6	71.2	106.8
100	37.3	28.6	42.8

69 100

41 148.2 0.0 296.2

39 93.6 71.2 106.8

100 37.3 28.6 42.8

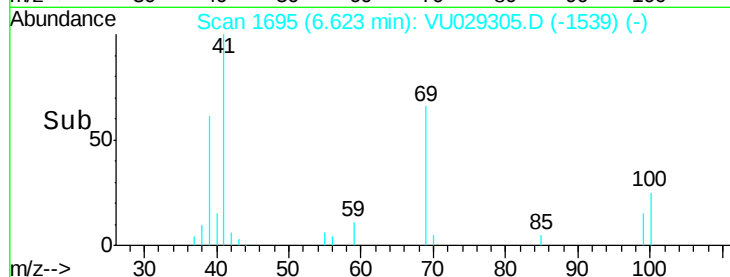


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

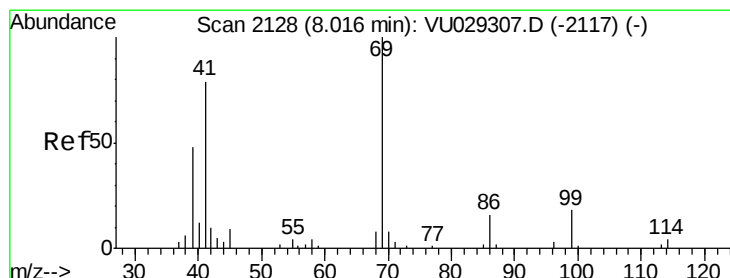
Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->

6.62



#48

Ethyl methacrylate

Concen: 1.753 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU029305.D

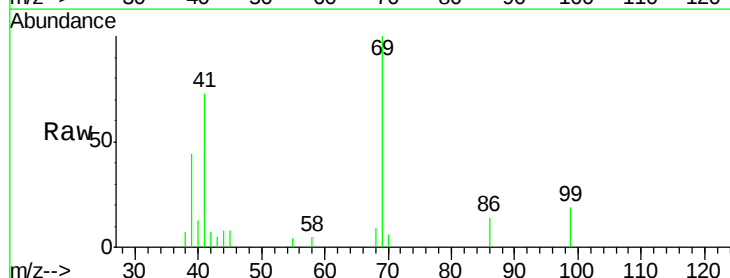
Acq: 29 Jan 2019 17:33

Tgt Ion: 69 Resp: 4118

Ion	Ratio	Lower	Upper
69	100		
41	78.3	39.9	119.7

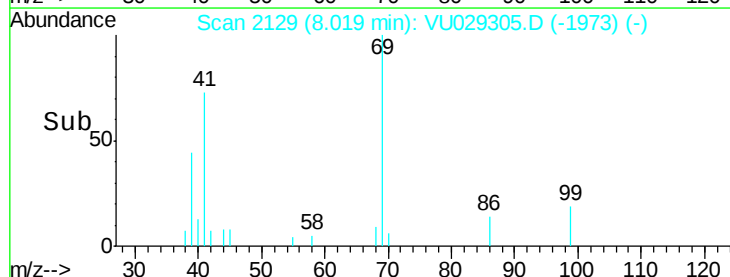
69 100

41 78.3 39.9 119.7



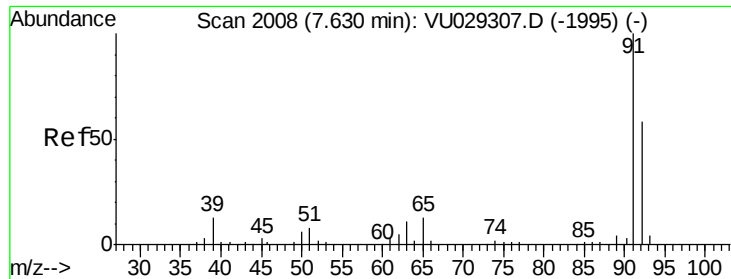
Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0



Time-->

8.02



#49

Toluene

Concen: 1.850 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029305.D

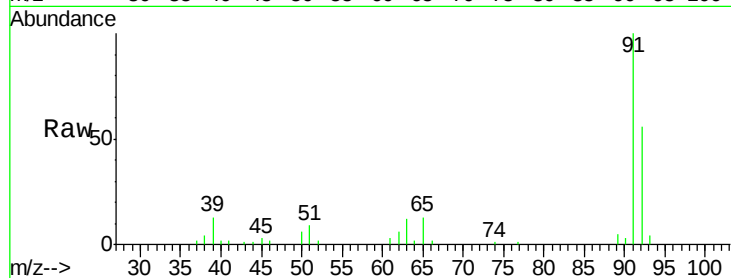
Acq: 29 Jan 2019 17:33

Tot Ion: 92 Resp: 11023

Ion Ratio Lower Upper

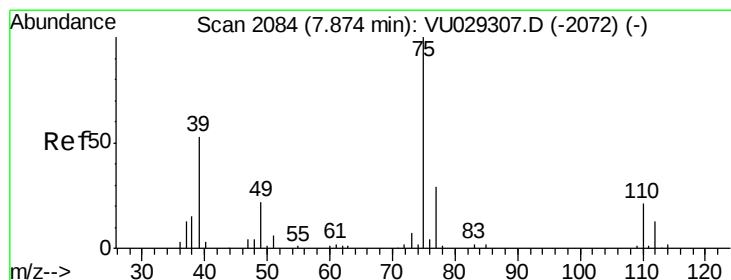
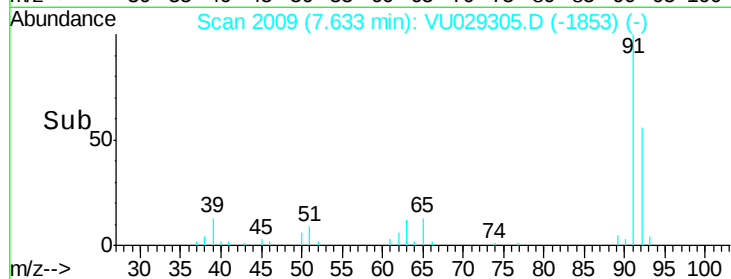
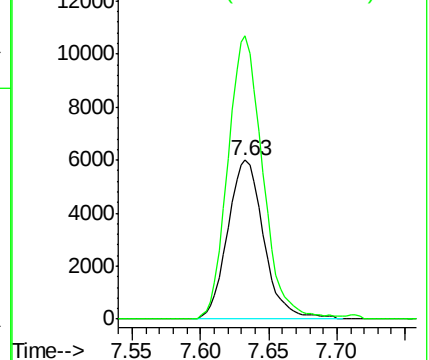
92 100

91 172.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.837 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. 0.00 min

Lab File: VU029305.D

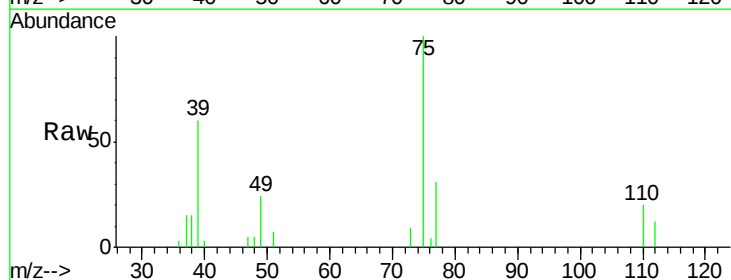
Acq: 29 Jan 2019 17:33

Tgt Ion: 75 Resp: 6487

Ion Ratio Lower Upper

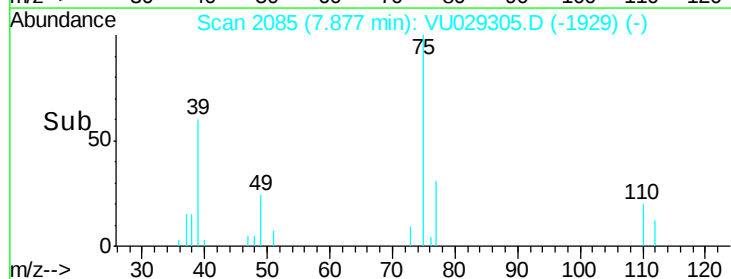
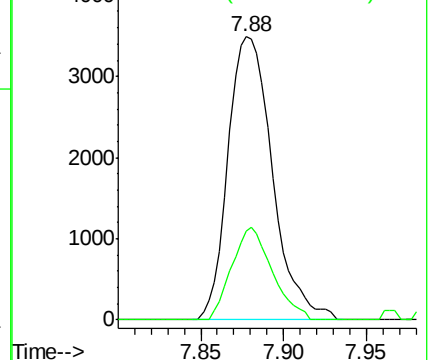
75 100

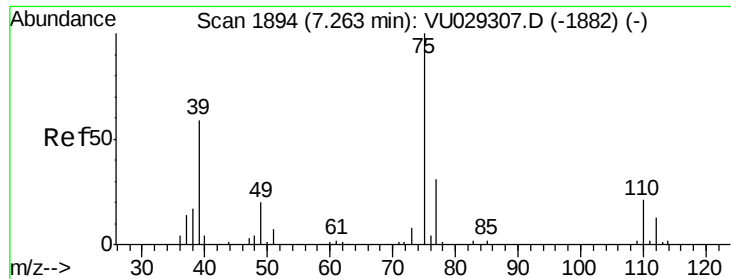
77 31.4 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 1.747 ug/l

RT: 7.27 min Scan# 1895

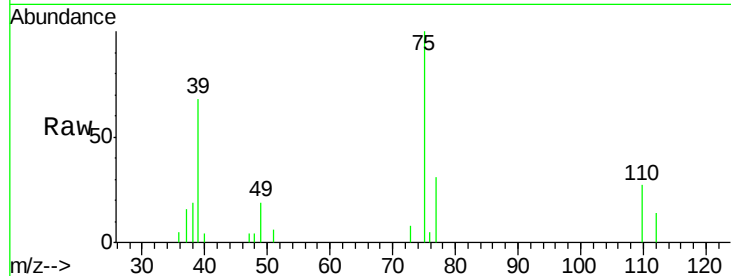
Delta R.T. 0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tot Ion: 75 Resp: 6919

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

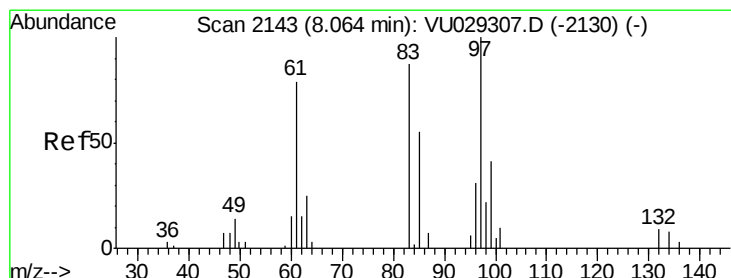
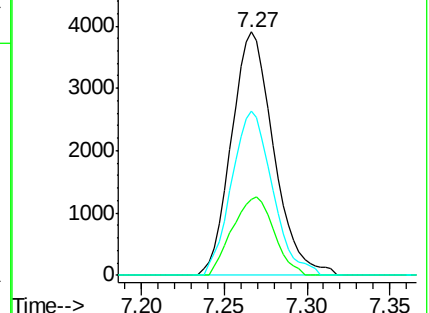
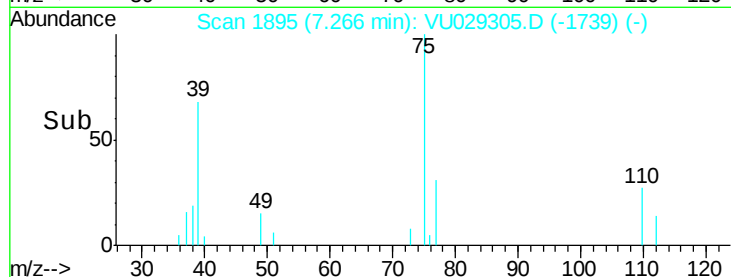


Abundance

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

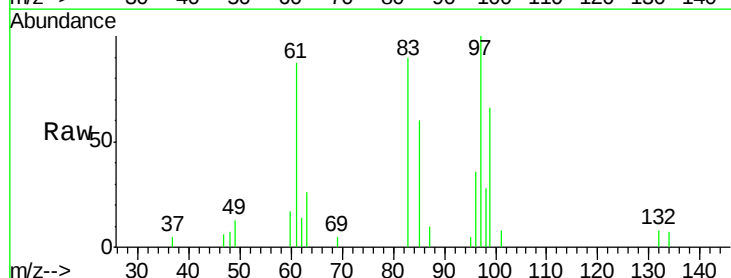
Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 97 Resp: 3456

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



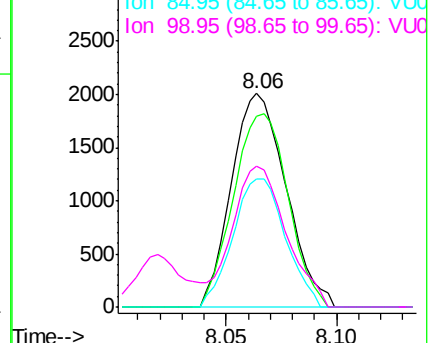
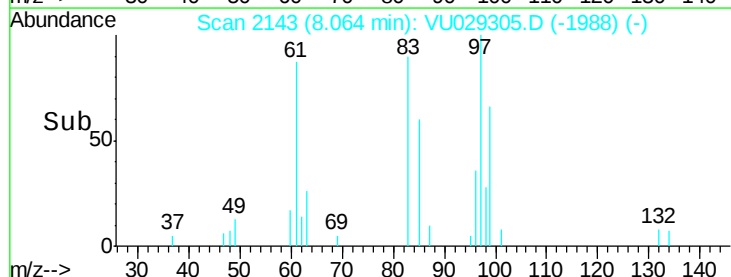
Abundance

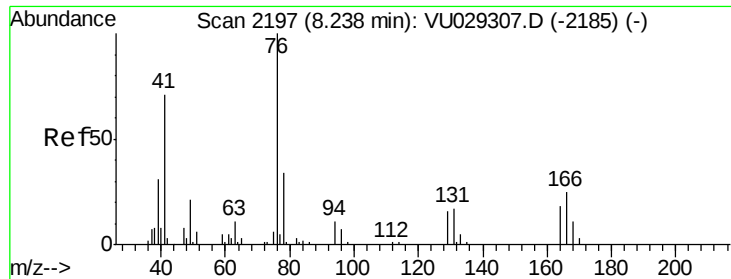
Ion 97.00 (96.70 to 97.70): VU0

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

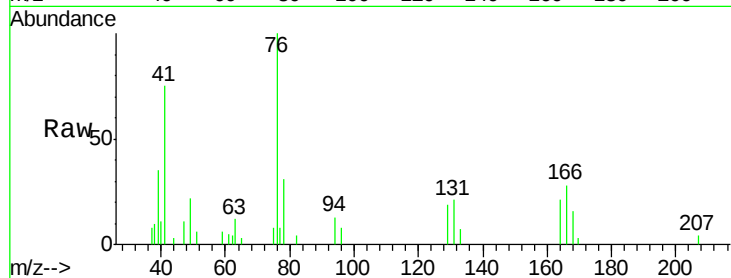
Acq: 29 Jan 2019 17:33

Tot Ion: 76 Resp: 6502

Ion Ratio Lower Upper

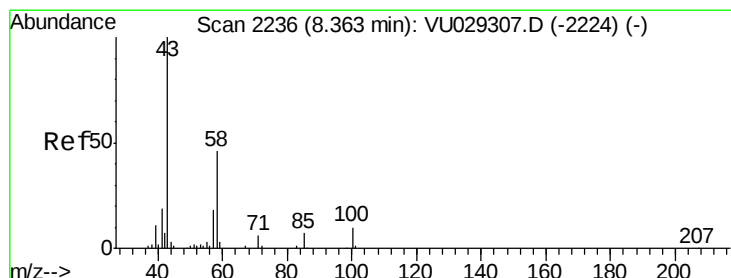
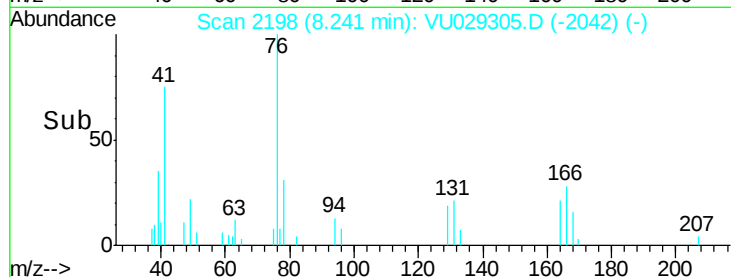
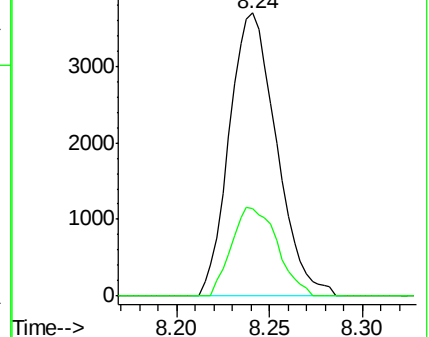
76 100

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

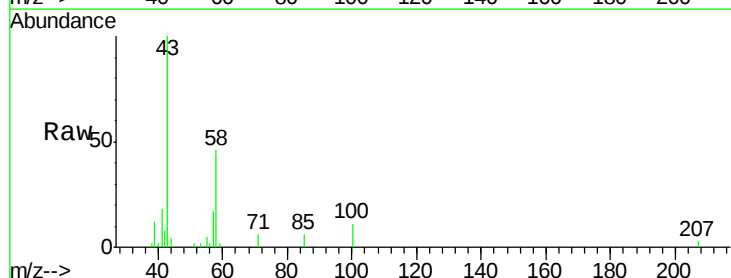
Tgt Ion: 43 Resp: 12134

Ion Ratio Lower Upper

43 100

58 46.6 26.0 66.0

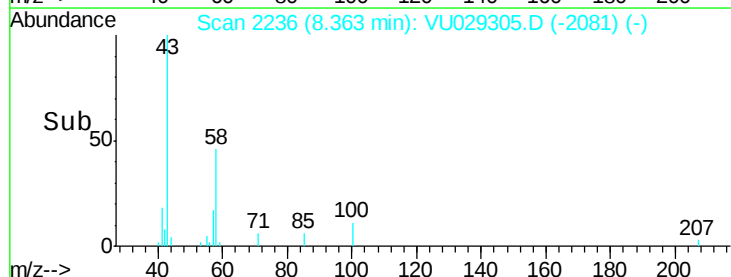
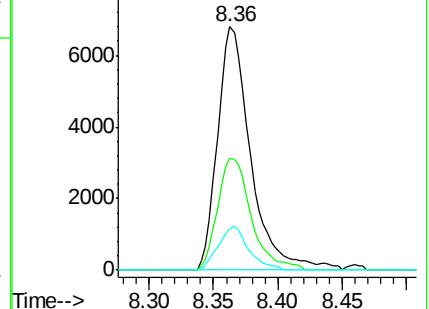
57 16.4 0.0 37.7

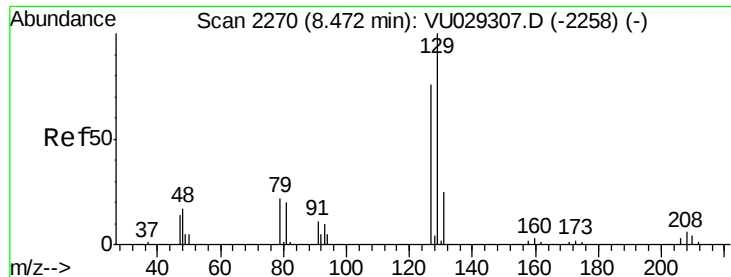


Abundance Ion 43.00 (42.70 to 43.70): VU0

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

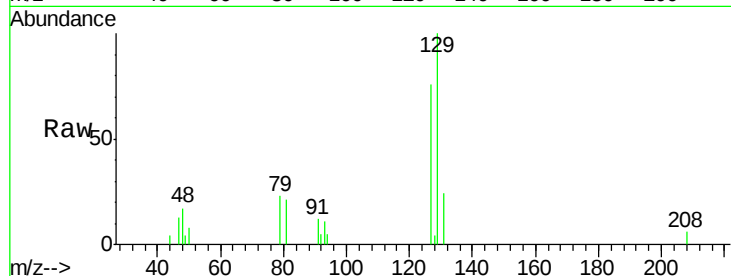
Acq: 29 Jan 2019 17:33

Tot Ion:129 Resp: 4717

Ion Ratio Lower Upper

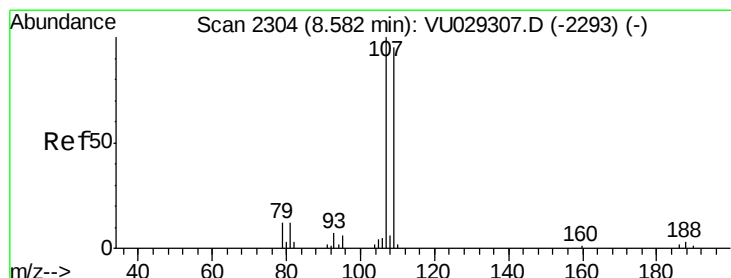
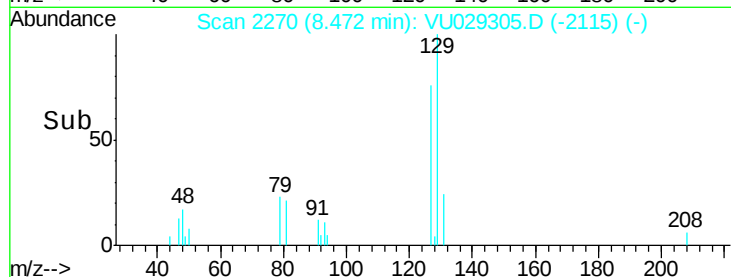
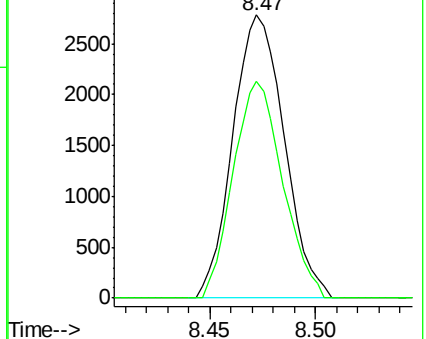
129 100

127 73.6 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.807 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029305.D

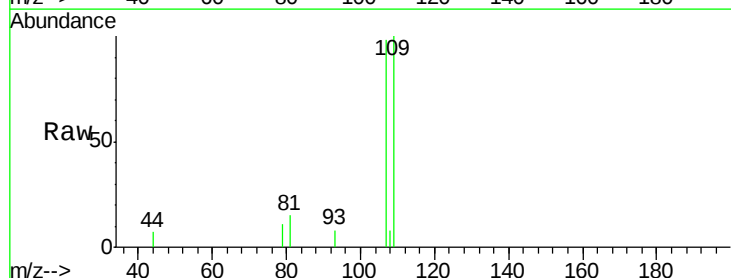
Acq: 29 Jan 2019 17:33

Tgt Ion:107 Resp: 3078

Ion Ratio Lower Upper

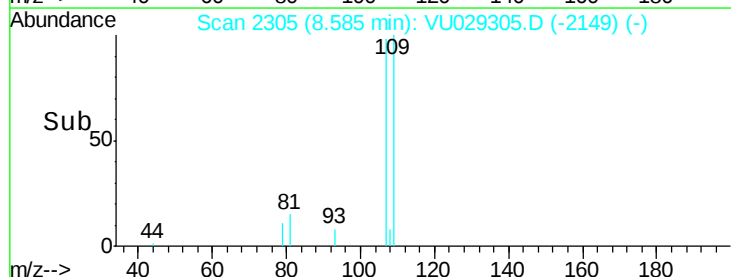
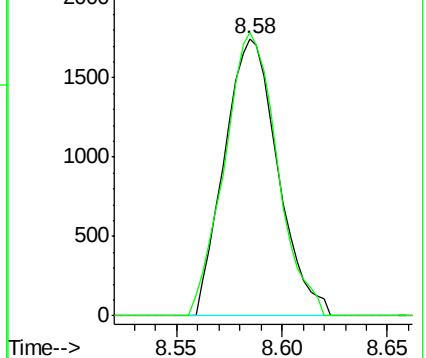
107 100

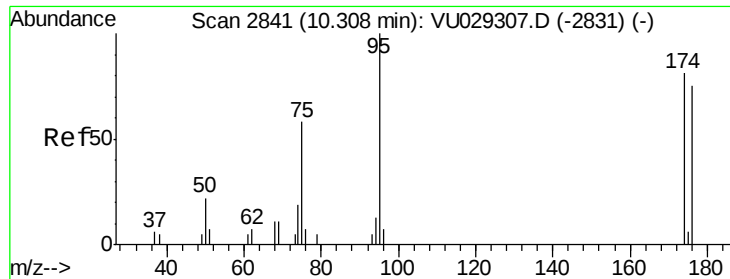
109 100.6 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#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

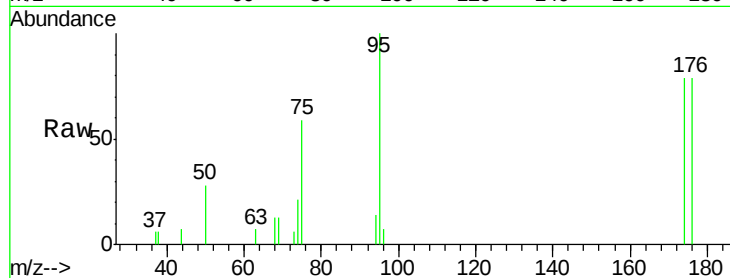
Tot Ion: 95 Resp: 2923

Ion Ratio Lower Upper

95 100

174 80.3 64.2 96.2

176 81.1 62.3 93.5

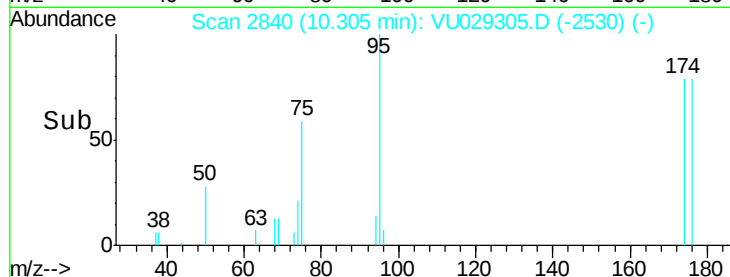


Abundance Ion 95.00 (94.70 to 95.70): VU029307.D (-2831) (-)

Ion 174.00 (173.70 to 174.70): VU029307.D (-2831) (-)

Ion 176.00 (175.70 to 176.70): VU029307.D (-2831) (-)

Time-->



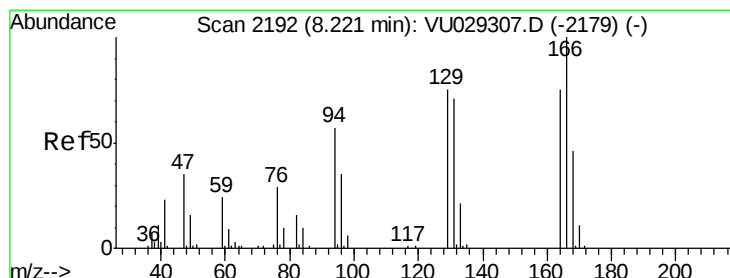
Abundance

Ion 95.00 (94.70 to 95.70): VU029305.D (-2530) (-)

Ion 174.00 (173.70 to 174.70): VU029305.D (-2530) (-)

Ion 176.00 (175.70 to 176.70): VU029305.D (-2530) (-)

Time-->



#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

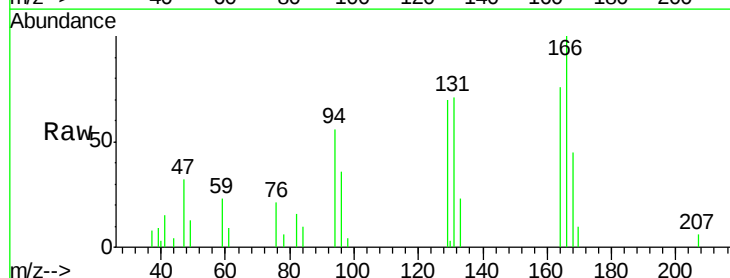
Ion Ratio Lower Upper

164 100

166 132.0 106.6 159.8

129 92.9 79.9 119.9

131 93.5 75.8 113.8



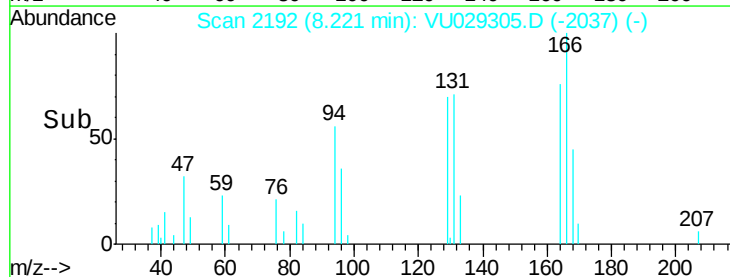
Abundance Ion 163.85 (163.55 to 164.55): VU029307.D (-2179) (-)

Ion 165.80 (165.50 to 166.50): VU029307.D (-2179) (-)

Ion 128.90 (128.60 to 129.60): VU029307.D (-2179) (-)

Ion 130.90 (130.60 to 131.60): VU029307.D (-2179) (-)

Time-->



Abundance

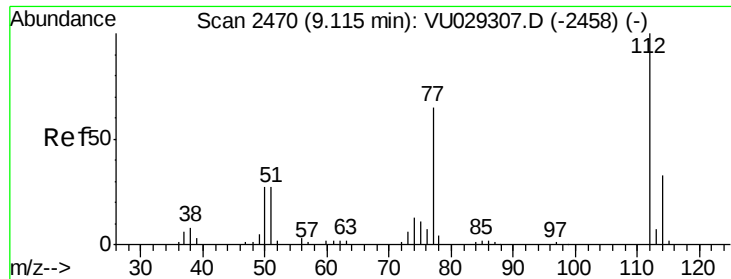
Ion 163.85 (163.55 to 164.55): VU029305.D (-2037) (-)

Ion 165.80 (165.50 to 166.50): VU029305.D (-2037) (-)

Ion 128.90 (128.60 to 129.60): VU029305.D (-2037) (-)

Ion 130.90 (130.60 to 131.60): VU029305.D (-2037) (-)

Time-->



#59

Chlorobenzene

Concen: 1.883 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029305.D

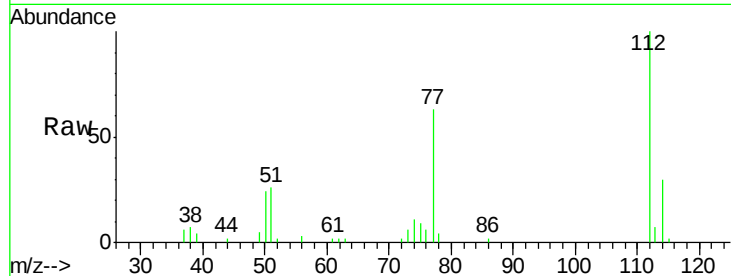
Acq: 29 Jan 2019 17:33

Tot Ion:112 Resp: 11949

Ion Ratio Lower Upper

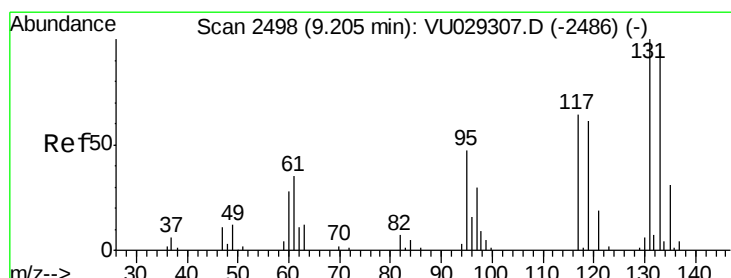
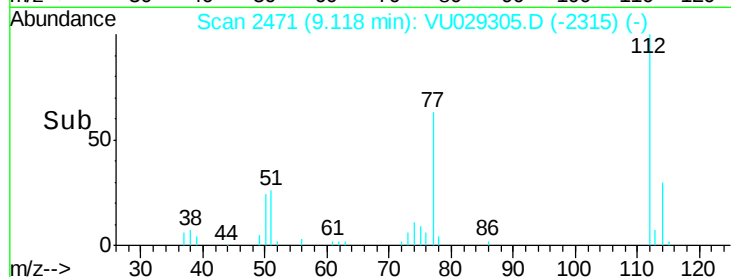
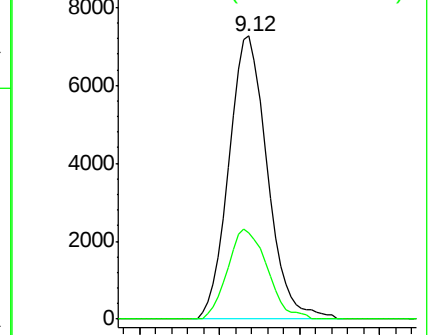
112 100

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

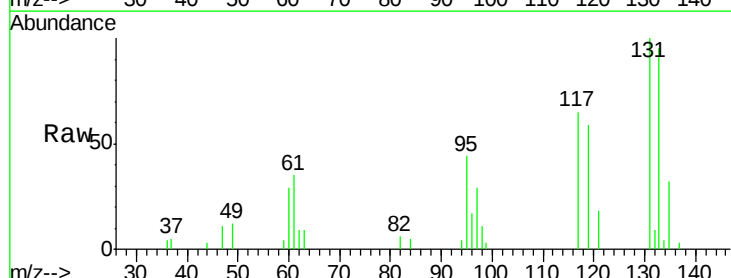
Tgt Ion:131 Resp: 5008

Ion Ratio Lower Upper

131 100

133 93.8 77.3 115.9

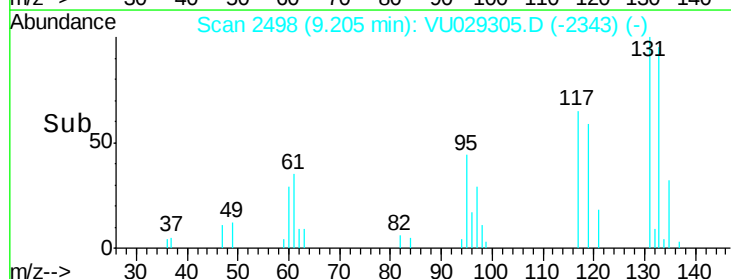
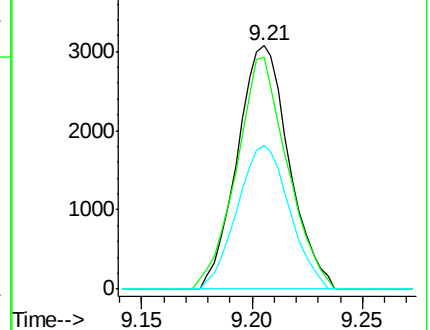
119 59.6 48.9 73.3

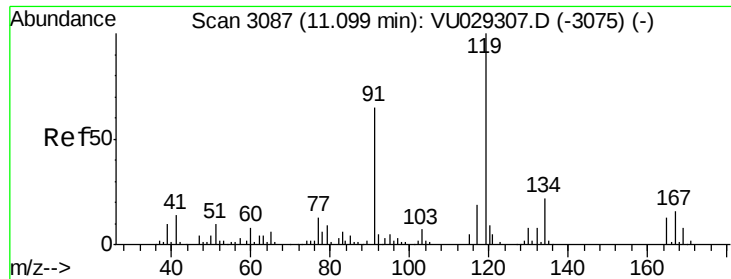


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

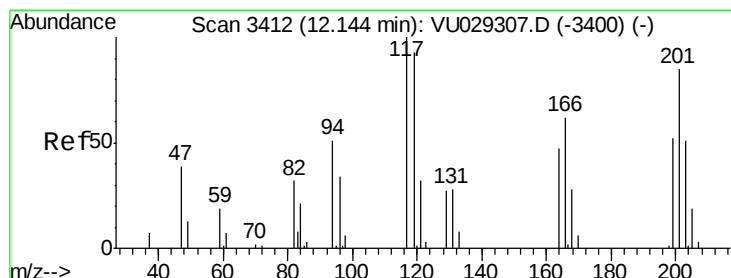
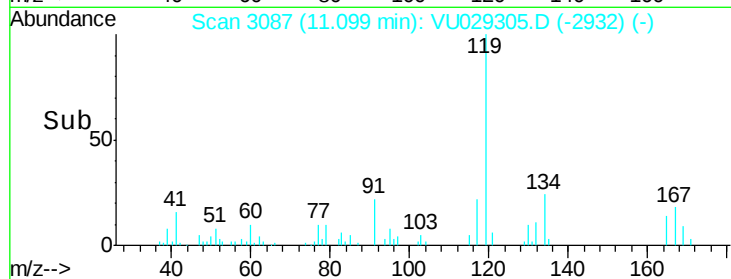
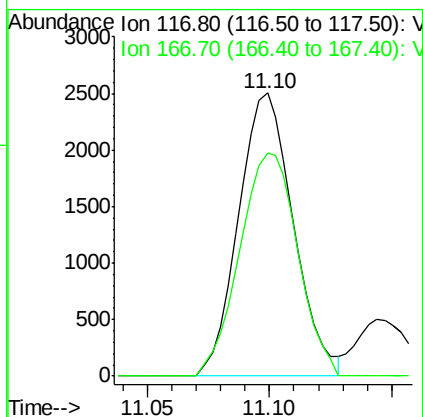
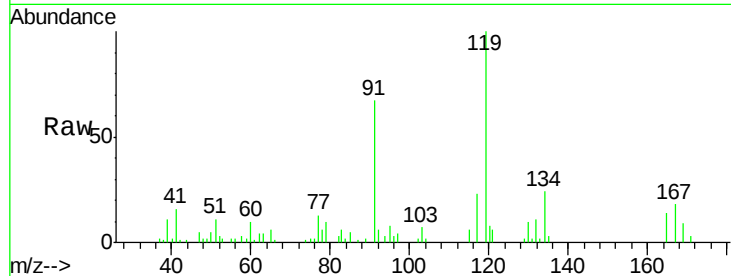
Ion 119.00 (118.70 to 119.70): V





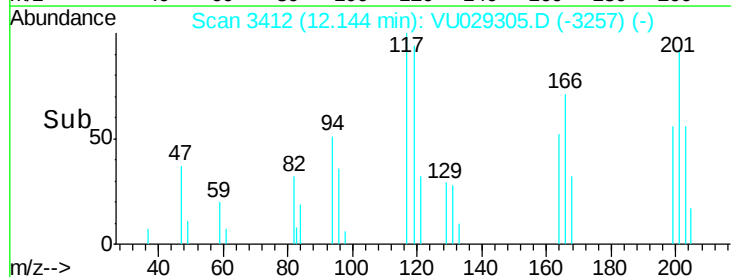
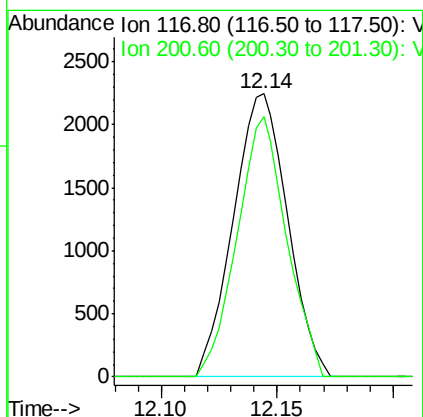
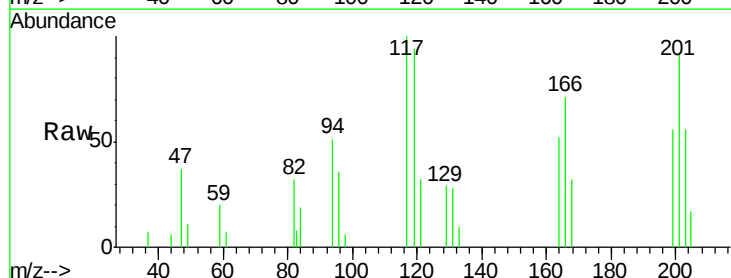
#61
 Pentachloroethane
 Concen: 1.951 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

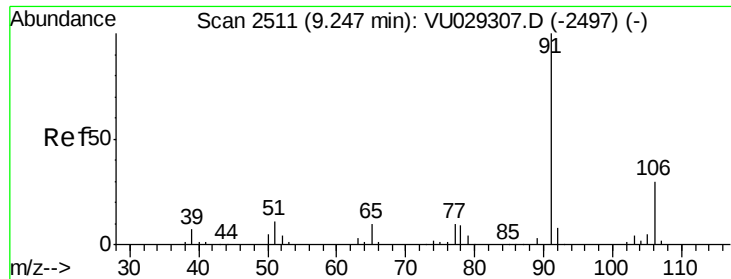
Tot Ion:117 Resp: 3892
 Ion Ratio Lower Upper
 117 100
 167 83.6 65.9 98.9



#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





#63

Ethyl Benzene

Concen: 1.775 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029305.D

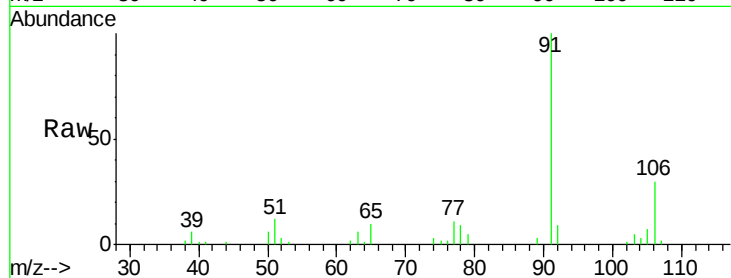
Acq: 29 Jan 2019 17:33

Tot 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

20000

15000

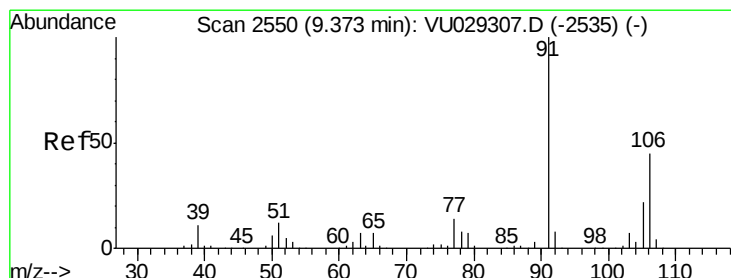
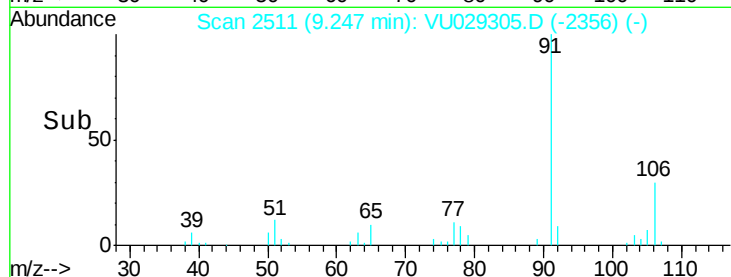
10000

5000

0

9.20 9.25 9.30 9.35

Time-->



#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

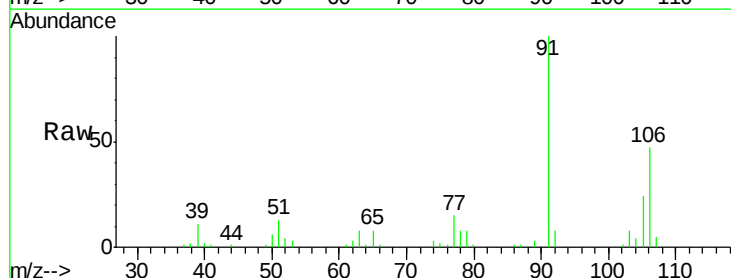
Acq: 29 Jan 2019 17:33

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

20000

15000

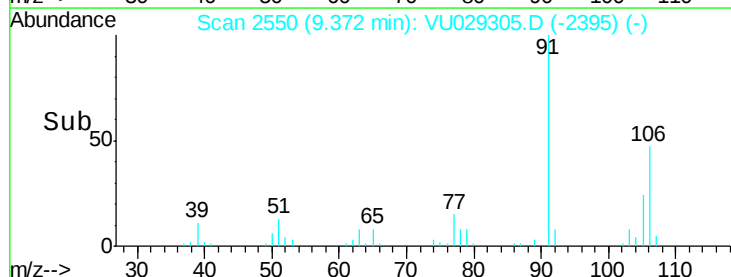
10000

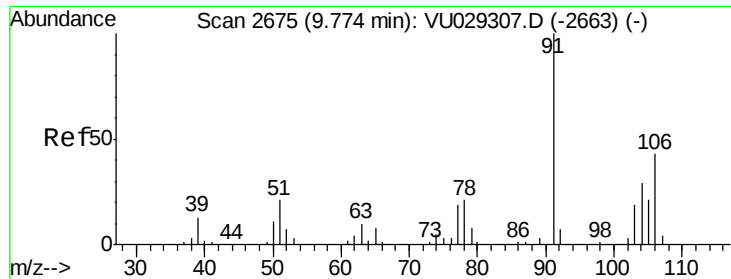
5000

0

9.30 9.35 9.40 9.45

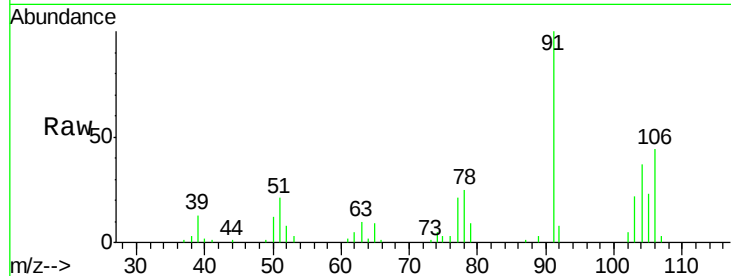
Time-->



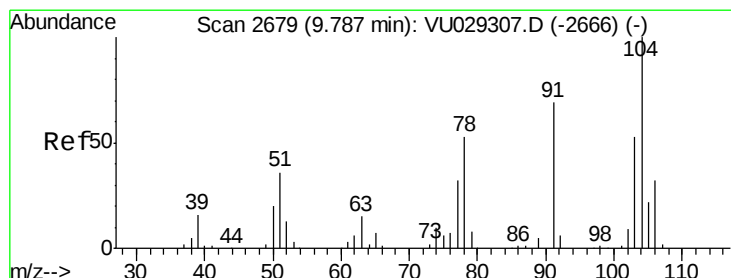
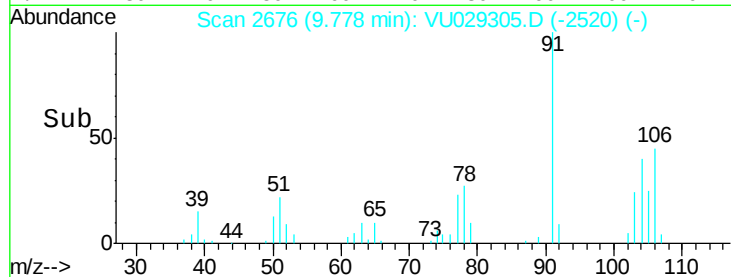
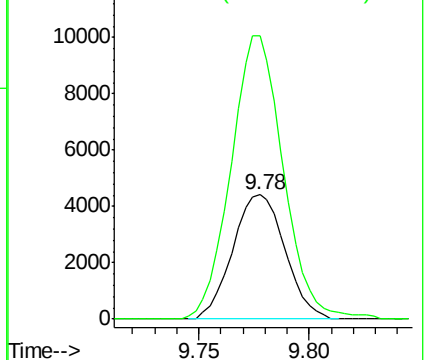


#65
o-Xylene
Concen: 1.790 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

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

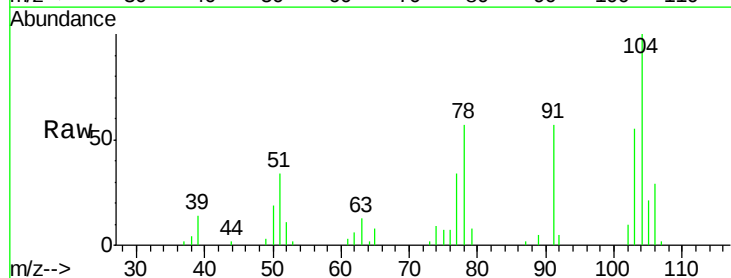


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

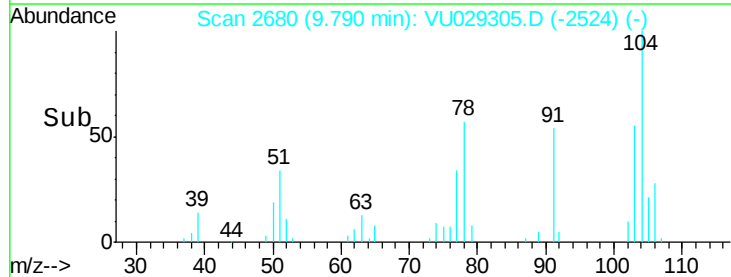
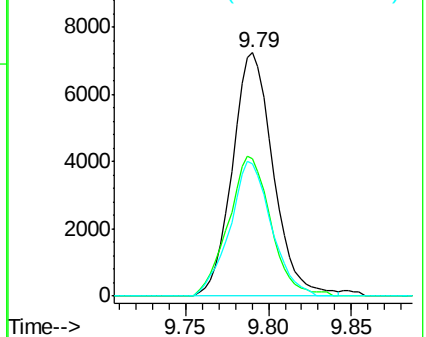


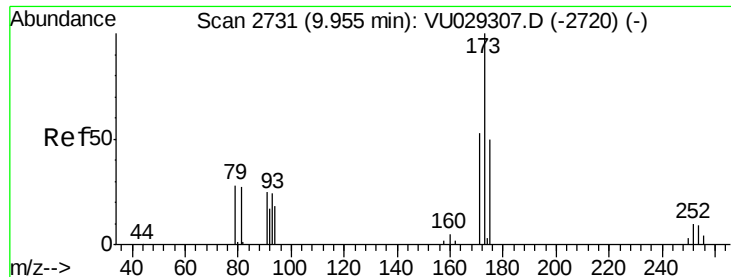
#66
Styrene
Concen: 1.768 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

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

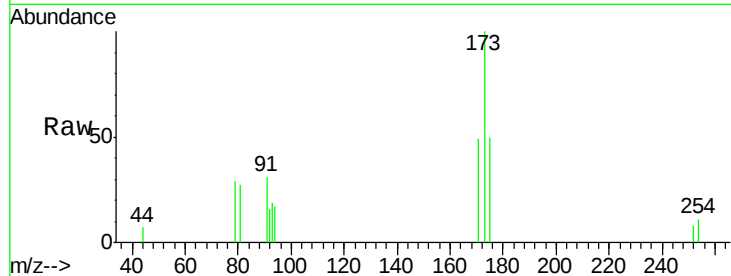
Tot Ion:173 Resp: 2854

Ion Ratio Lower Upper

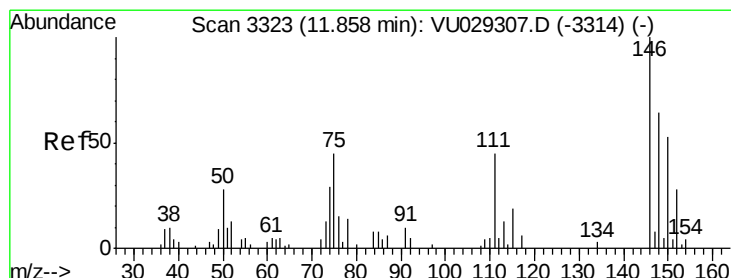
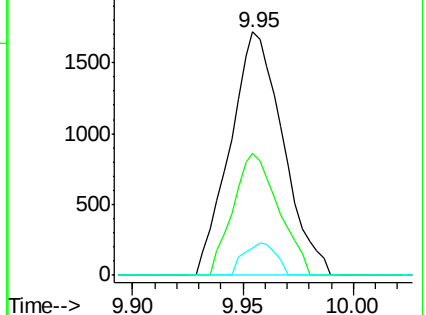
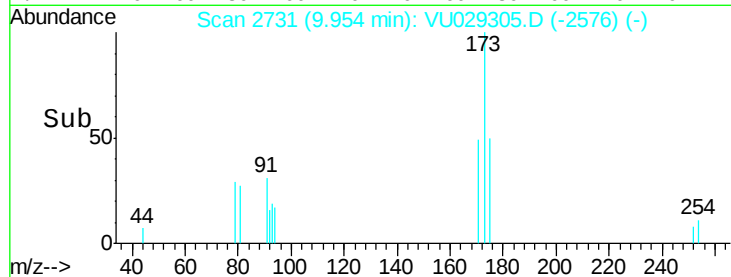
173 100

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

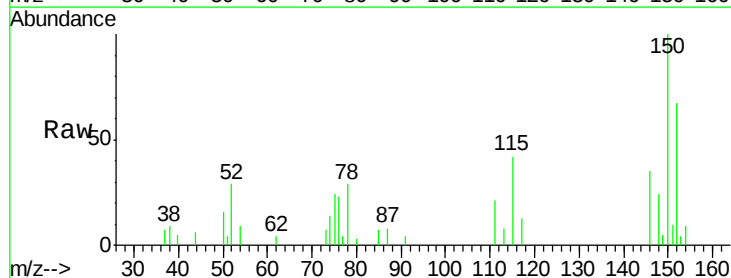
Tgt Ion:152 Resp: 3051

Ion Ratio Lower Upper

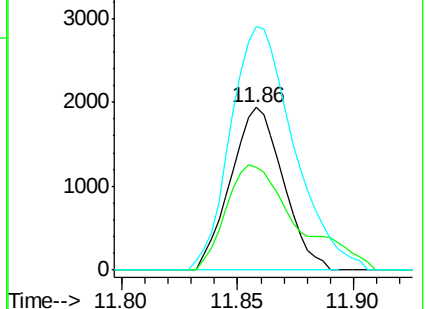
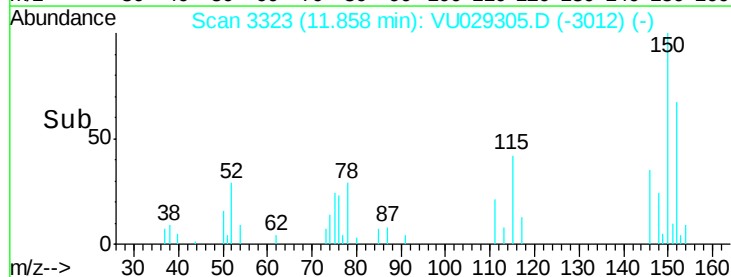
152 100

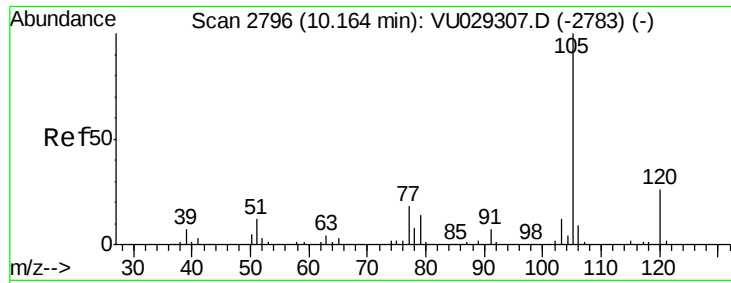
115 86.7 0.0 133.4

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

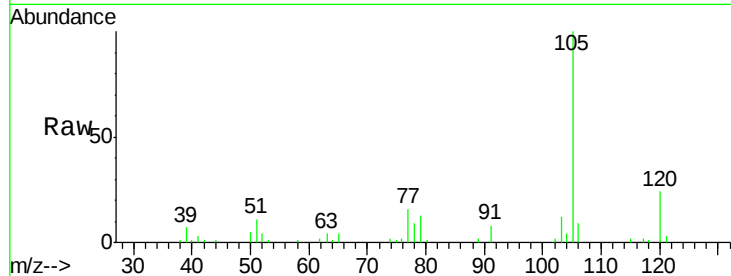
Acq: 29 Jan 2019 17:33

Tot 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

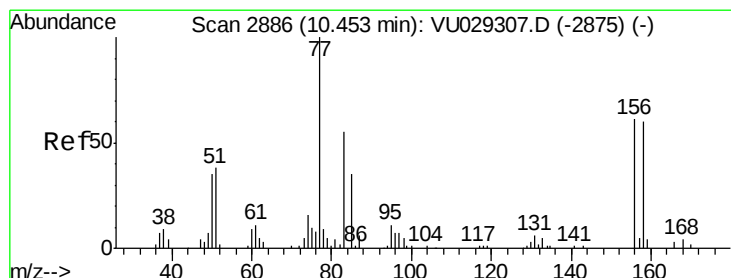
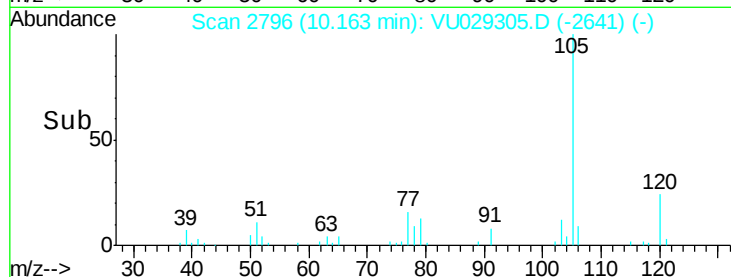
15000

10000

5000

0

Time-->



#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

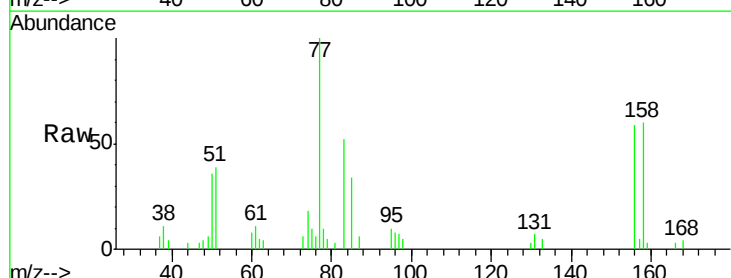
Tgt Ion: 83 Resp: 4371

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

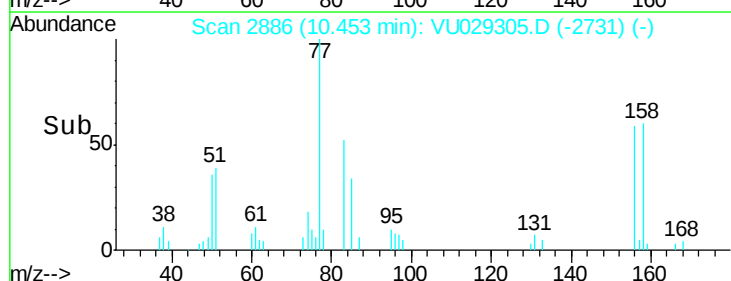
3000

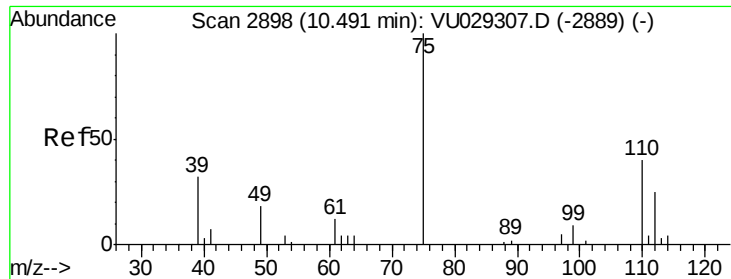
2000

1000

0

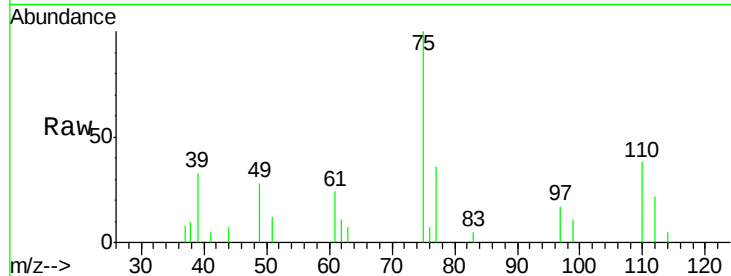
Time-->



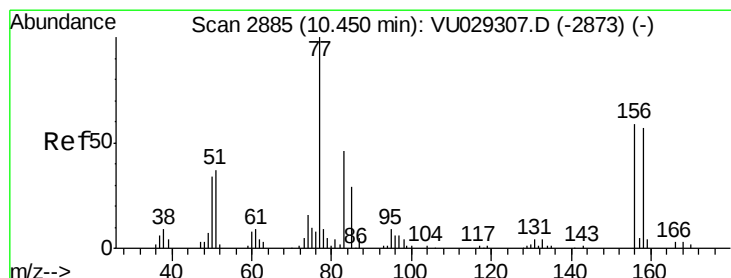
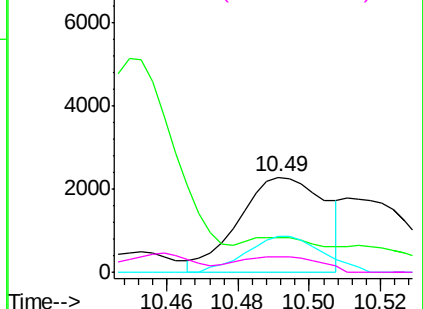
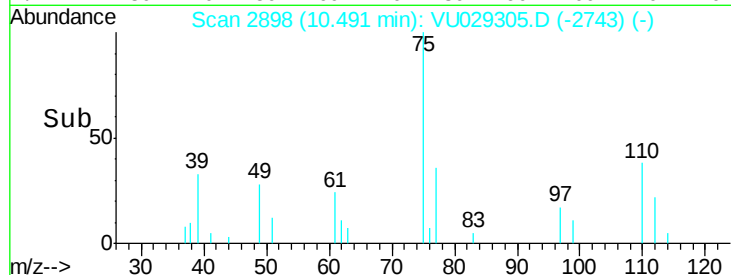


#71
 1,2,3-Trichloropropane
 Concen: 1.956 ug/l m
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tot Ion:	75	Resp:	3892
Ion	Ratio	Lower	Upper
75	100		
77	10.7	0.0	0.0#
110	33.2	0.0	63.6
97	15.9	0.0	31.4

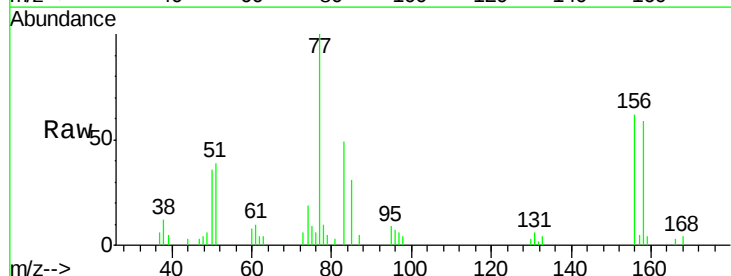


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

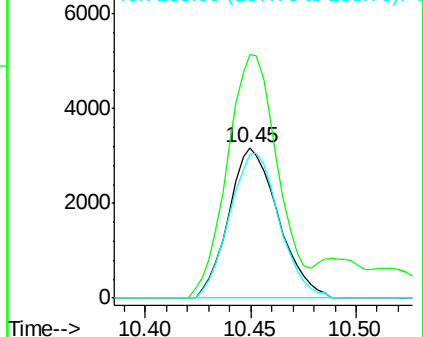
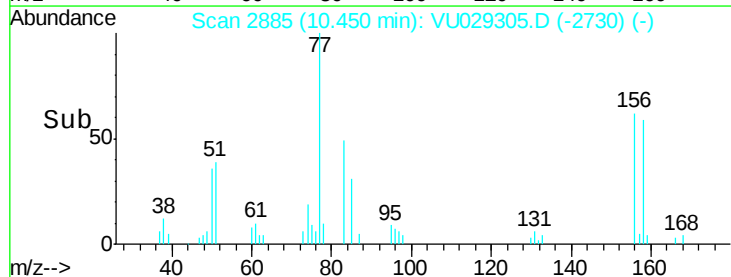


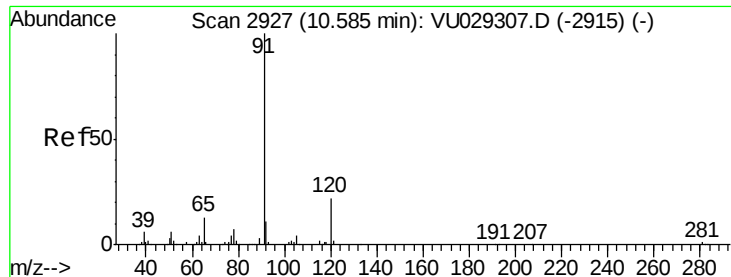
#72
 Bromobenzene
 Concen: 1.942 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

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

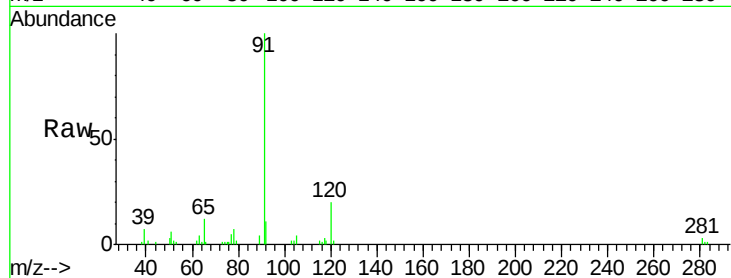
Acq: 29 Jan 2019 17:33

Tot Ion:120 Resp: 5225

Ion Ratio Lower Upper

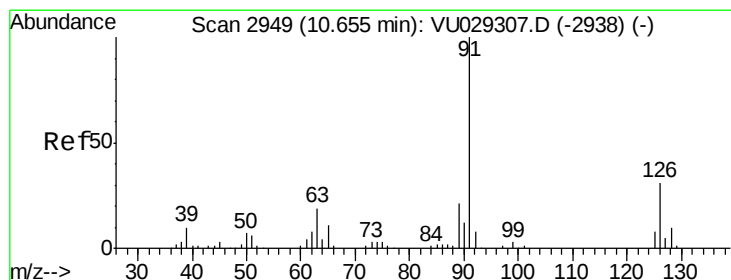
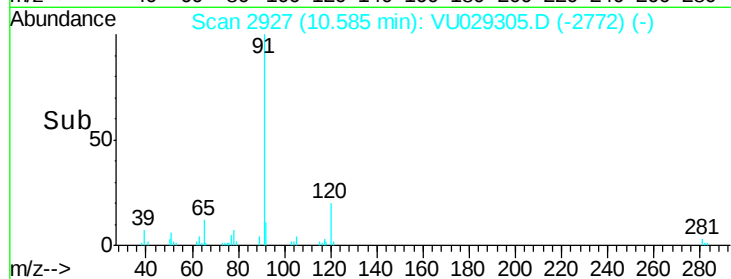
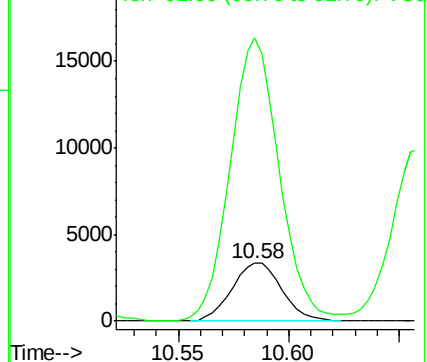
120 100

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

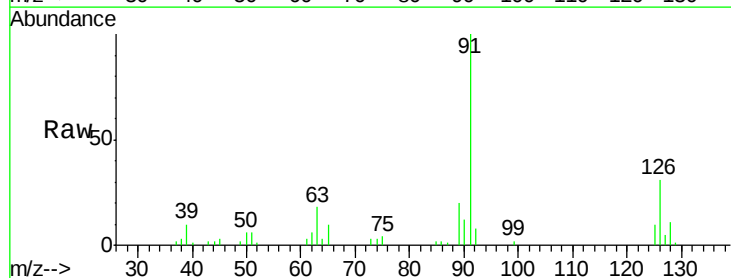
Acq: 29 Jan 2019 17:33

Tgt Ion:126 Resp: 4857

Ion Ratio Lower Upper

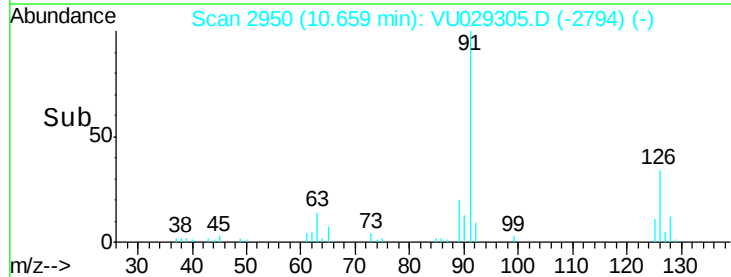
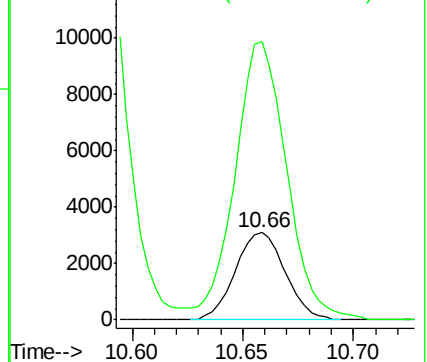
126 100

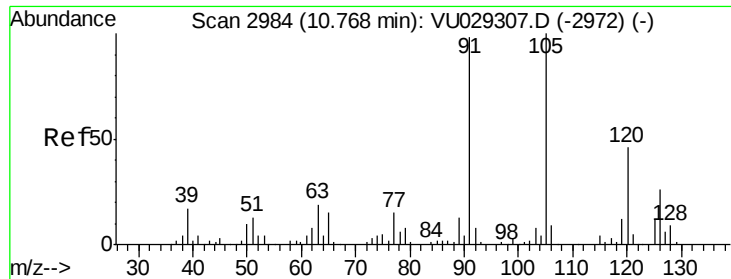
91 331.4 0.0 643.0



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

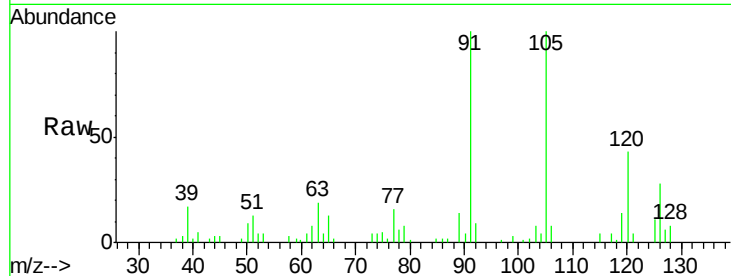
Acq: 29 Jan 2019 17:33

Tot Ion:105 Resp: 18087

Ion Ratio Lower Upper

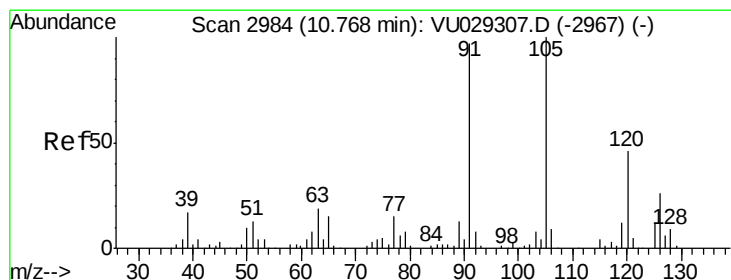
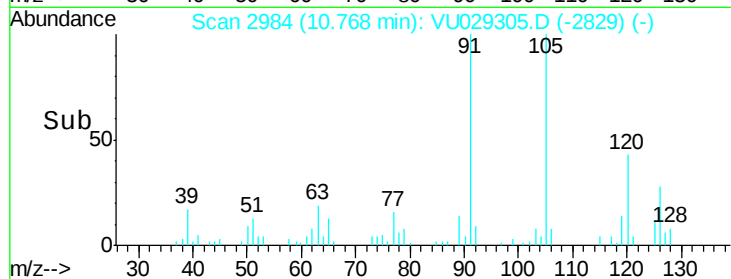
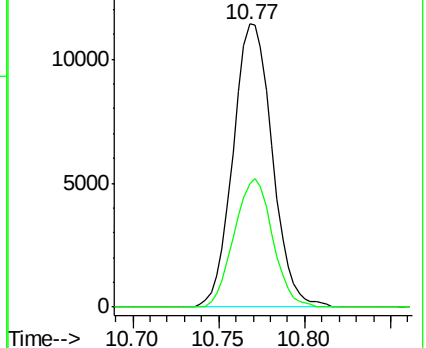
105 100

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



#76

4-Chlorotoluene

Concen: 1.977 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029305.D

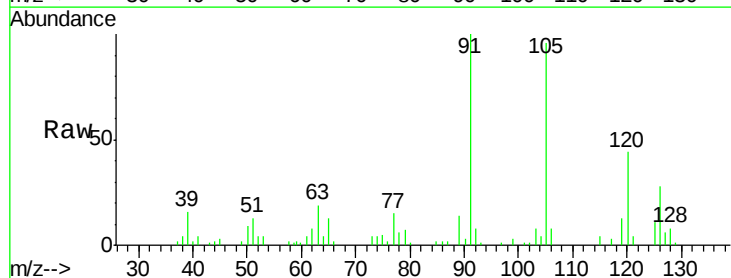
Acq: 29 Jan 2019 17:33

Tgt Ion:126 Resp: 5261

Ion Ratio Lower Upper

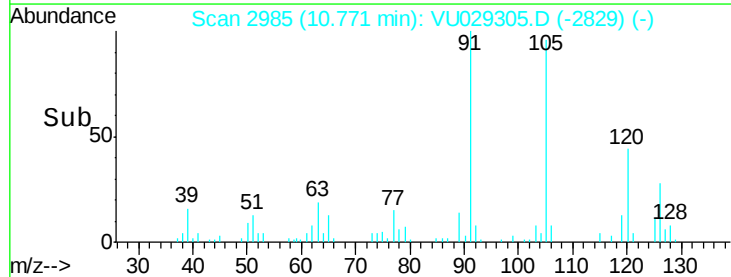
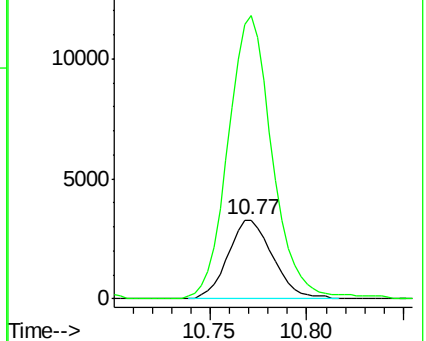
126 100

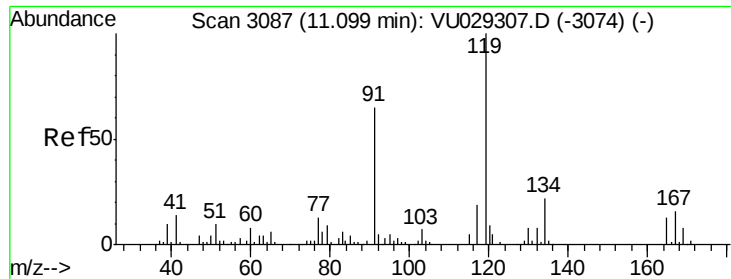
91 357.9 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#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

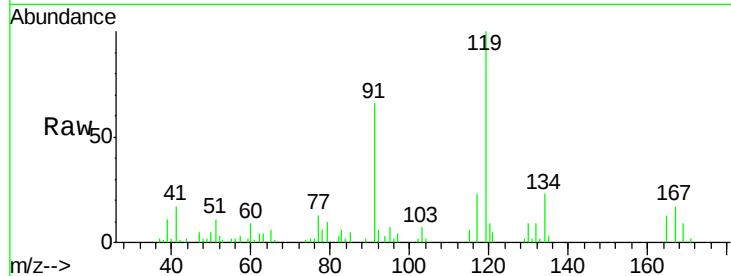
Tot Ion:119 Resp: 17231

Ion Ratio Lower Upper

119 100

91 66.5 32.2 96.6

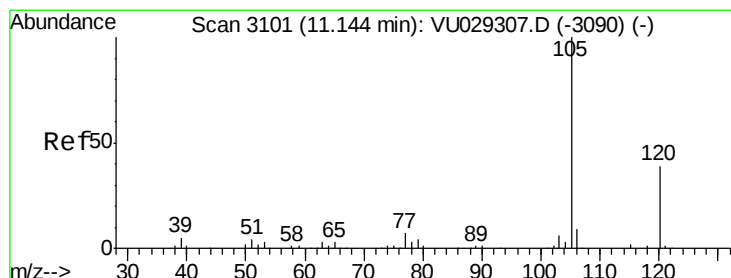
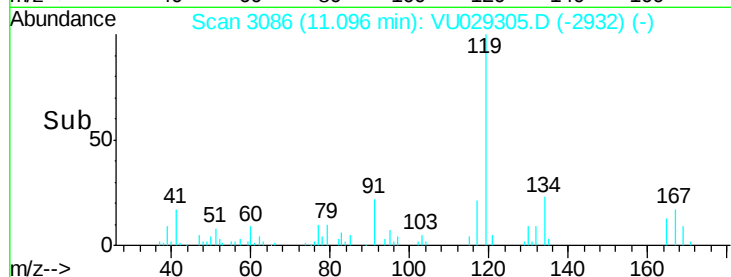
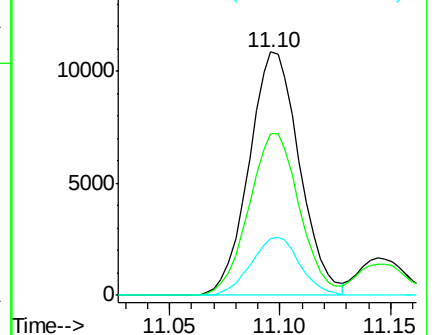
134 22.9 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.817 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029305.D

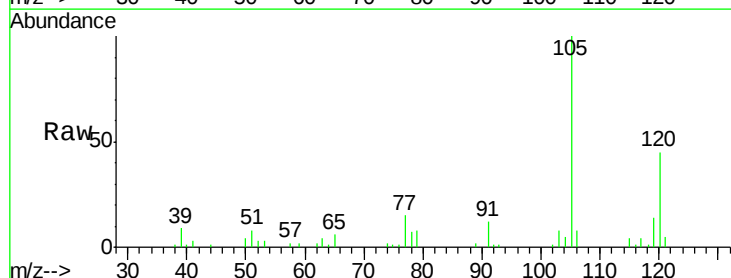
Acq: 29 Jan 2019 17:33

Tgt Ion:105 Resp: 18381

Ion Ratio Lower Upper

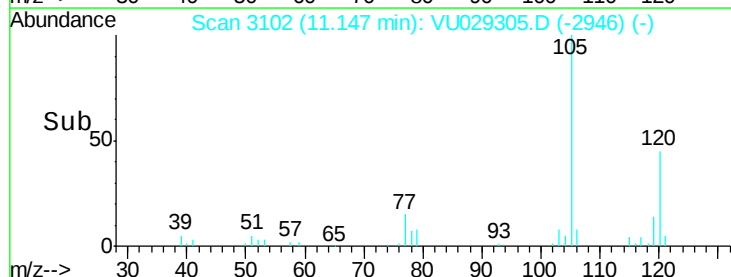
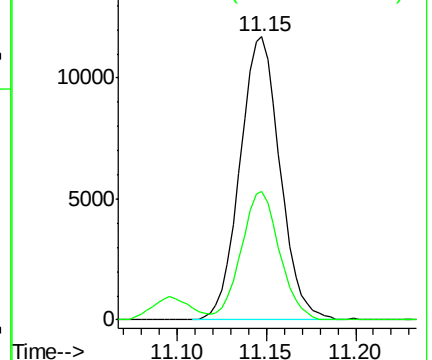
105 100

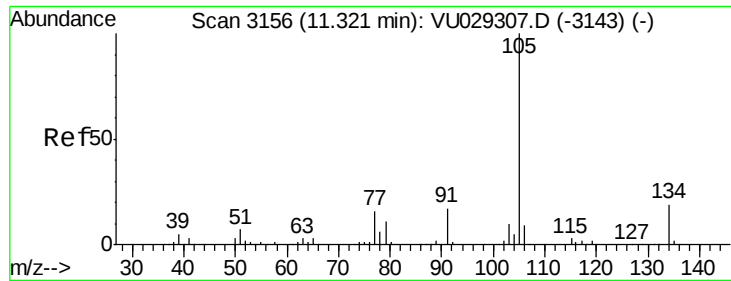
120 43.4 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

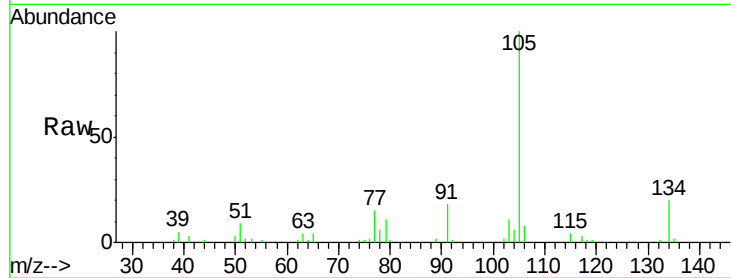
Ion 120.00 (119.70 to 120.70): V



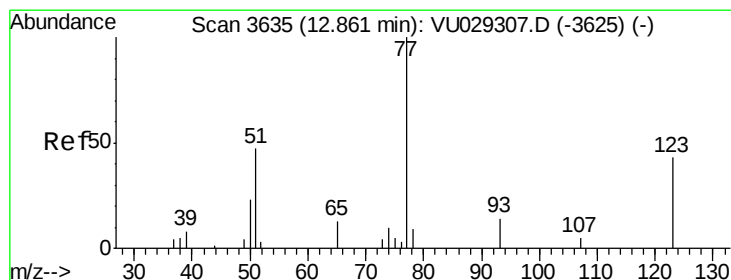
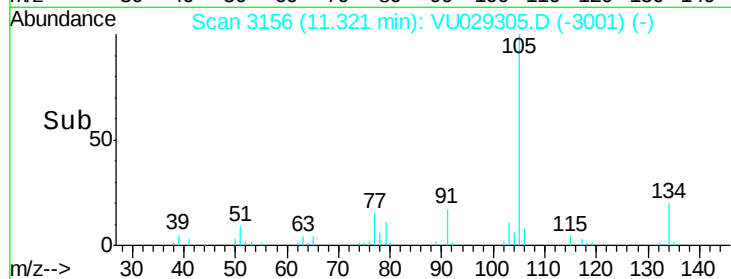
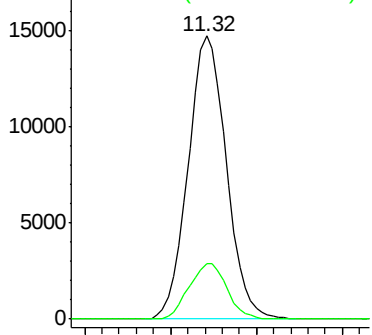


#79
 sec-Butylbenzene
 Concen: 1.801 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

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

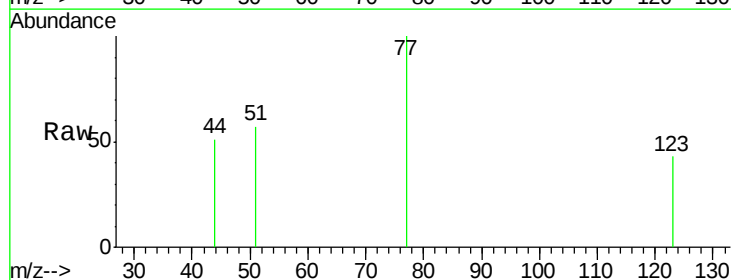


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

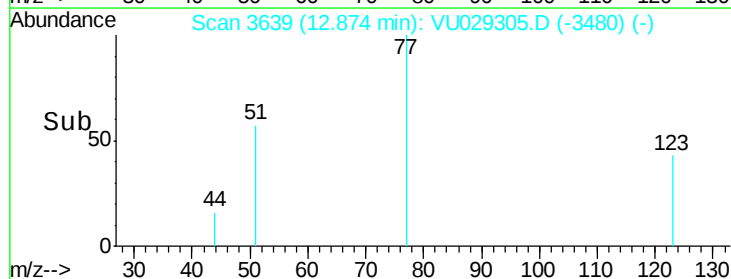
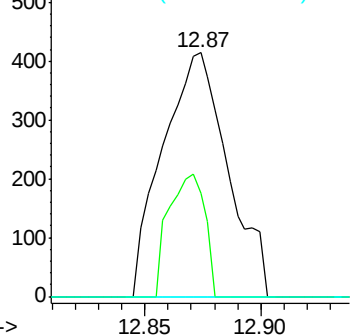


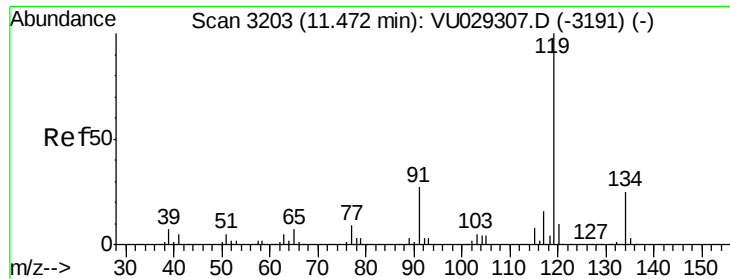
#80
 Nitrobenzene
 Concen: 8.988 ug/l
 RT: 12.87 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

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#



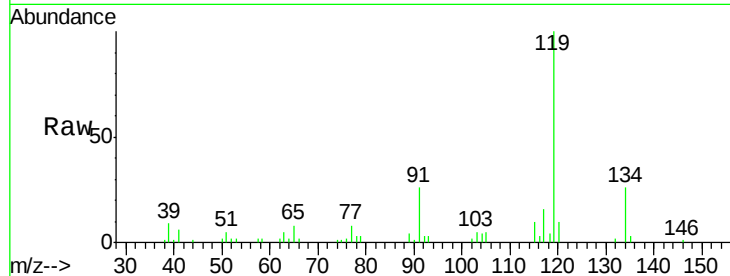
Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0



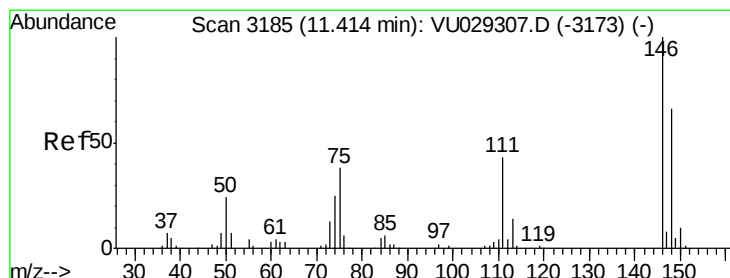
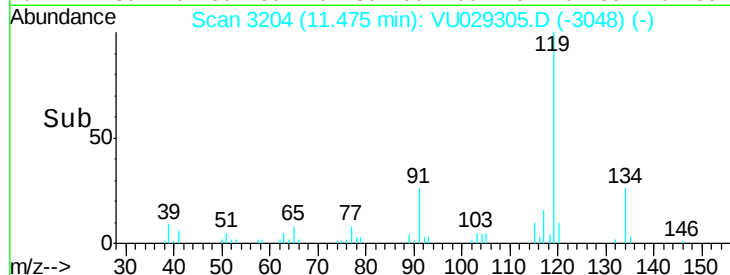
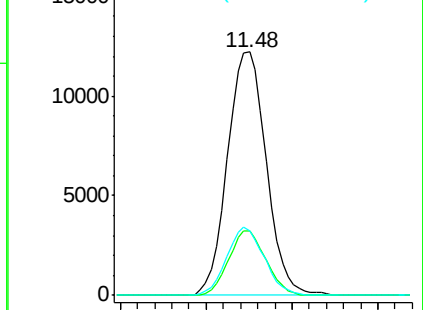


#81
 p-Isopropyltoluene
 Concen: 1.821 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	19.8	29.6
91	27.0	21.5	32.3

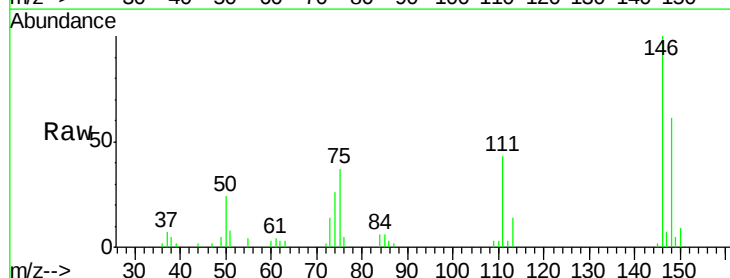


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

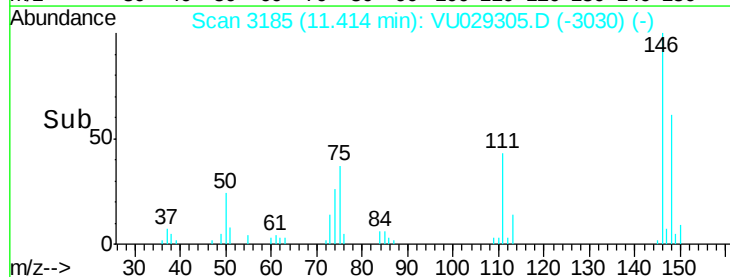
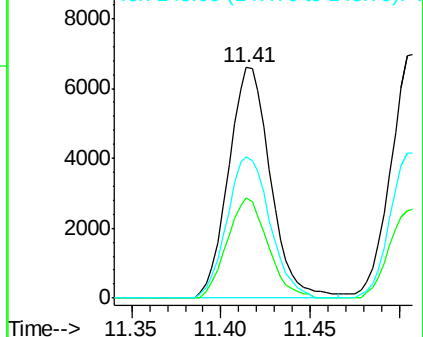


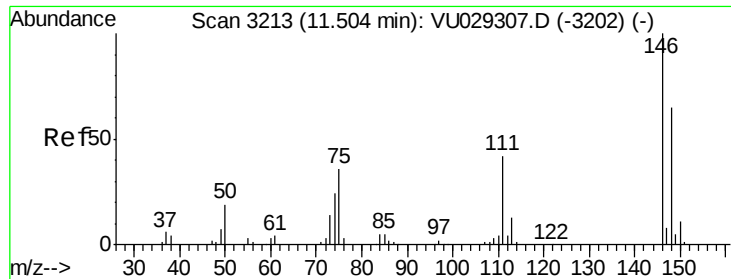
#82
 1,3-Dichlorobenzene
 Concen: 1.923 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

Tgt Ion	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

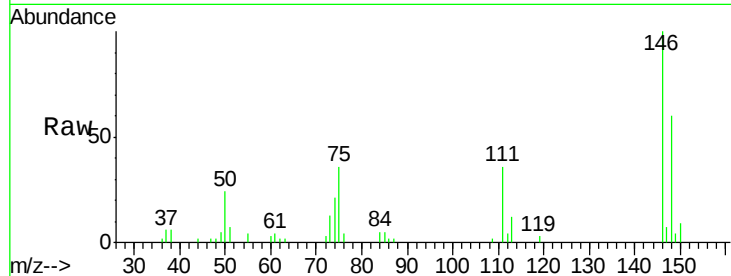
Tot Ion:146 Resp: 10985

Ion Ratio Lower Upper

146 100

111 37.9 32.9 49.3

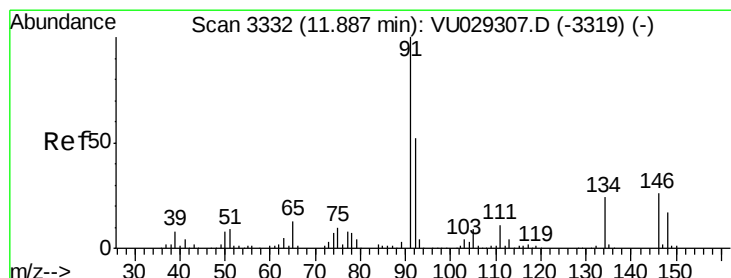
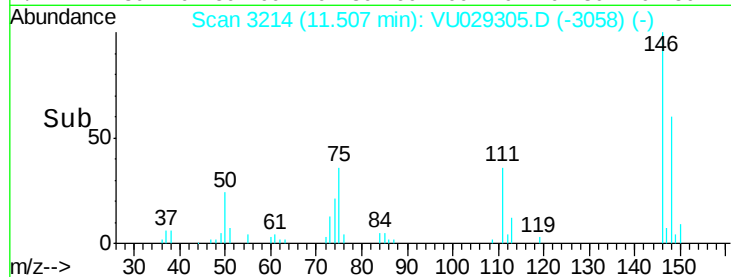
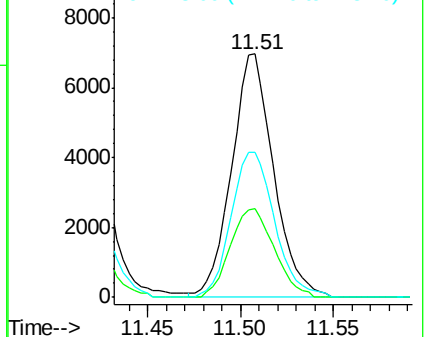
148 61.5 51.8 77.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 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

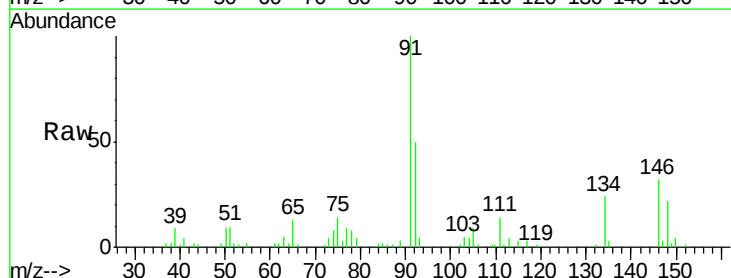
Tgt Ion: 91 Resp: 18593

Ion Ratio Lower Upper

91 100

92 49.5 41.0 61.6

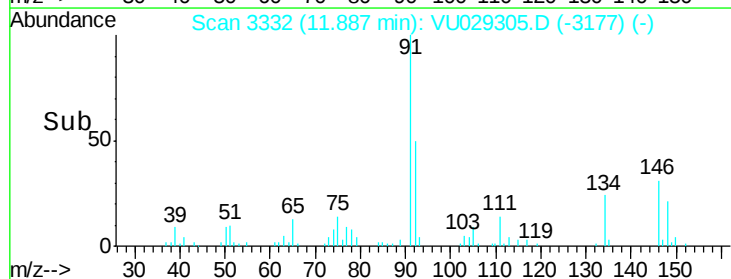
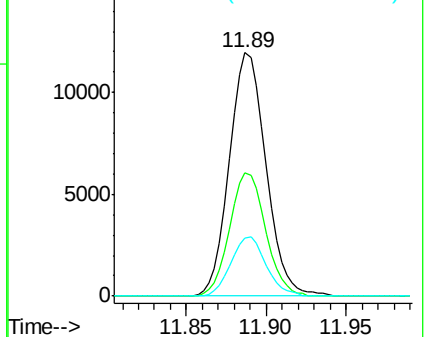
134 23.2 19.1 28.7

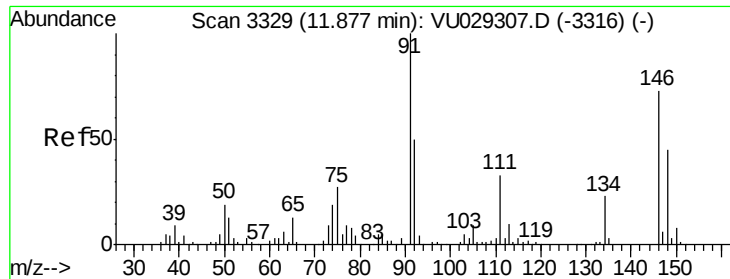


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.919 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU029305.D

Acq: 29 Jan 2019 17:33

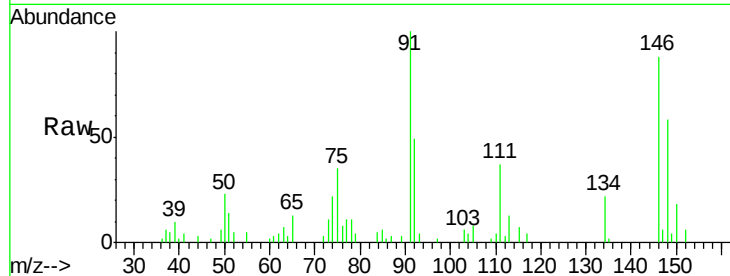
Tot Ion:146 Resp: 9888

Ion Ratio Lower Upper

146 100

111 42.5 21.9 65.8

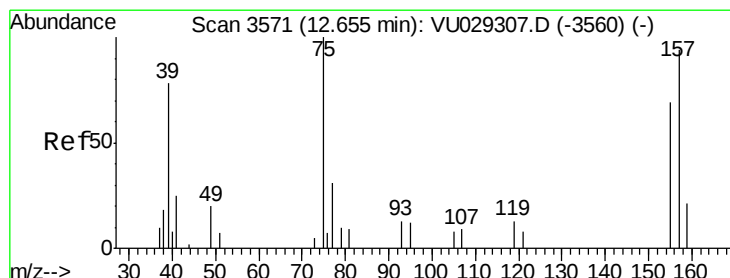
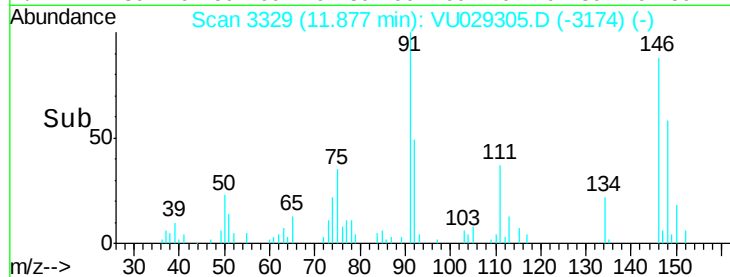
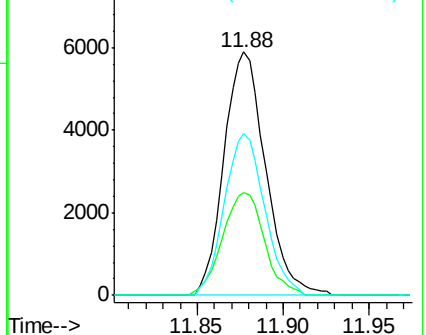
148 64.4 31.8 95.3



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

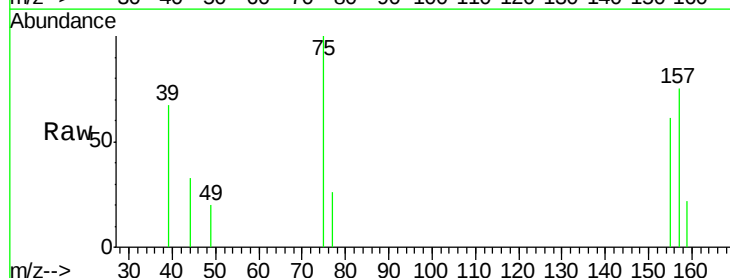
Tgt Ion: 75 Resp: 925

Ion Ratio Lower Upper

75 100

155 54.3 53.8 80.8

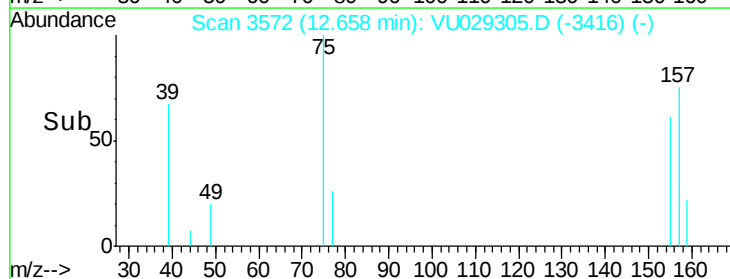
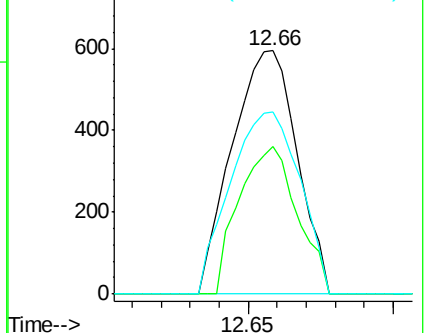
157 80.1 69.2 103.8

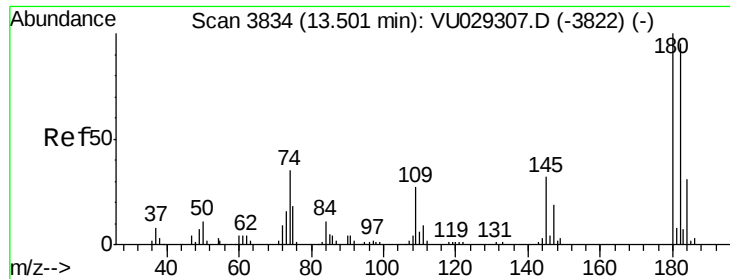


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

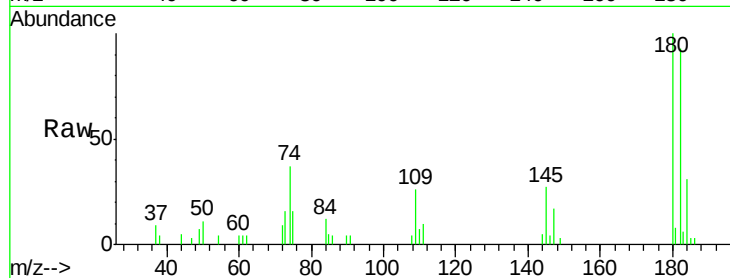
Ion 157.00 (156.70 to 157.70): V



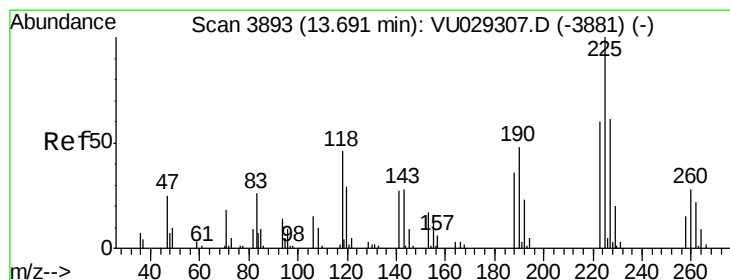
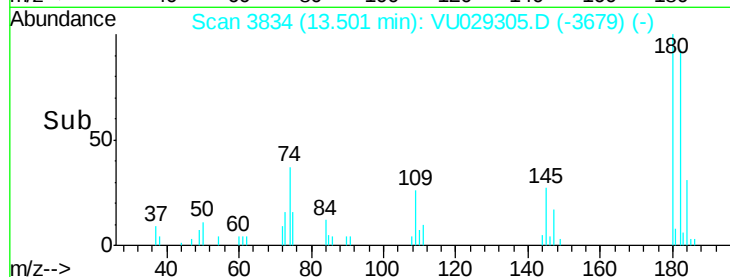
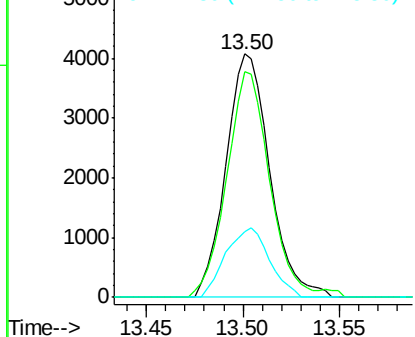


#87
 1,2,4-Trichlorobenzene
 Concen: 1.871 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

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

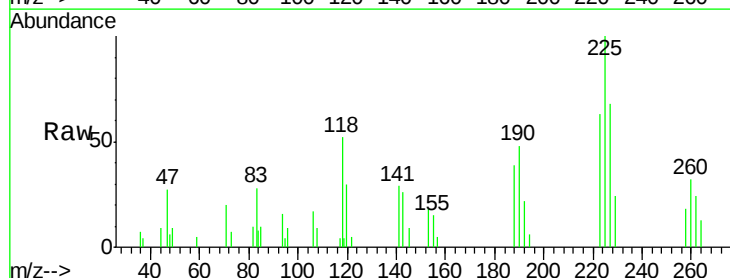


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

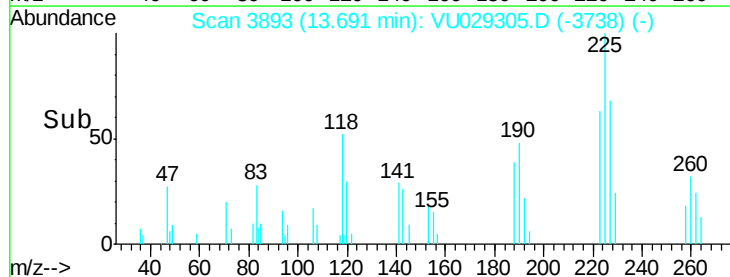
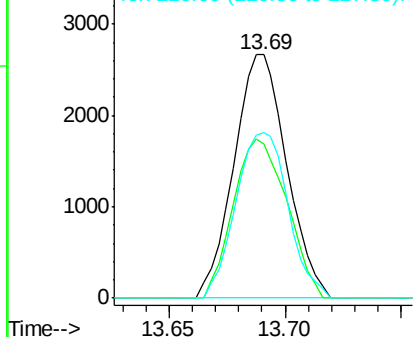


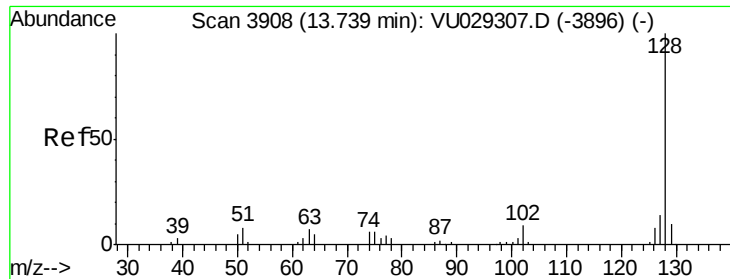
#88
 Hexachlorobutadiene
 Concen: 1.920 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029305.D
 Acq: 29 Jan 2019 17:33

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



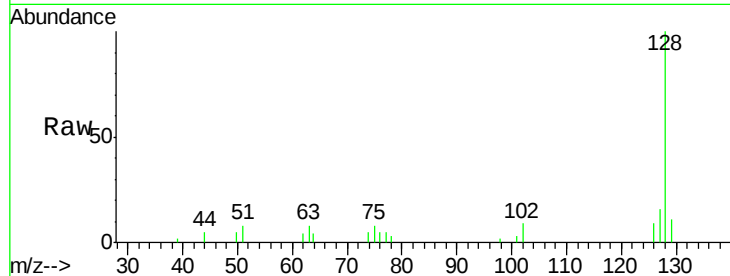
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



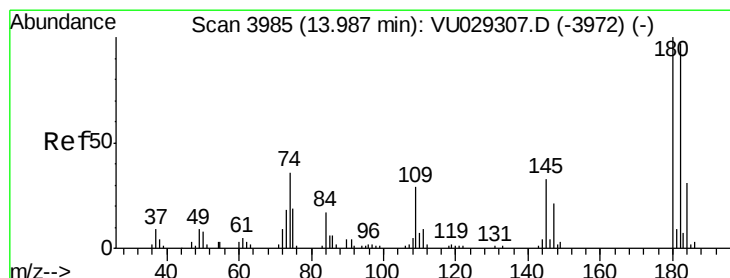
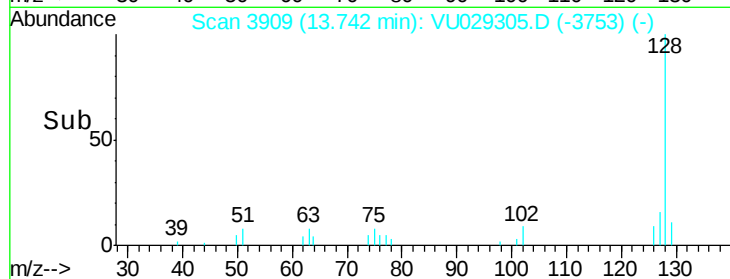
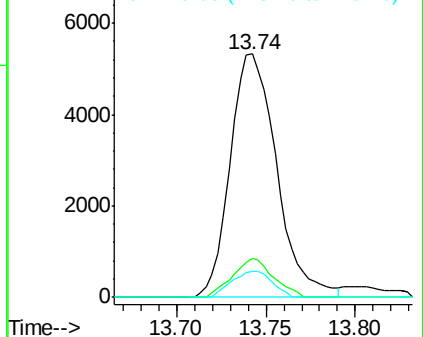


#89
Naphthalene
Concen: 1.729 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029305.D
Acq: 29 Jan 2019 17:33

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

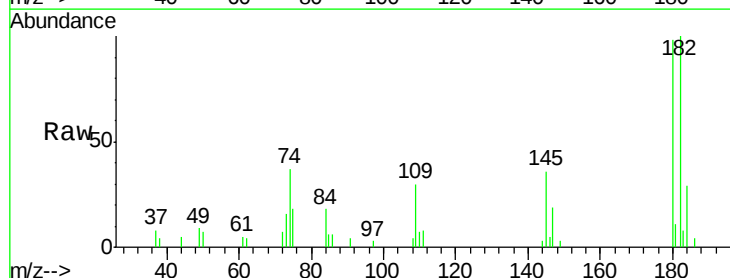


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.852 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



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

