

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012919\
 Data File : VU029304.D
 Acq On : 29 Jan 2019 17:06
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 03:50:16 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	7208	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	2900	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	2821	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	3791m	1.043	ug/l
3) Chloromethane	1.32	50	2742	0.859	ug/l
4) Vinyl Chloride	1.39	62	2906	0.937	ug/l
5) Bromomethane	1.62	94	1908	1.053	ug/l
6) Chloroethane	1.69	64	2054	0.953	ug/l
7) Trichlorofluoromethane	1.88	101	5556	1.065	ug/l
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2175	0.984	ug/l
9) 1,1-Dichloroethene	2.28	96	2052	0.986	ug/l
10) Iodomethane	2.40	142	1422	0.762	ug/l
11) Allyl Chloride	2.58	41	5130	0.982	ug/l
12) Acrylonitrile	2.93	53	1279	1.981	ug/l
13) Acetone	2.31	43	4207	5.733	ug/l
14) Carbon Disulfide	2.47	76	7669	1.000	ug/l
15) Methylene Chloride	2.69	84	2722	1.001	ug/l
16) trans-1,2-Dichloroethene	2.97	96	2275	0.969	ug/l
17) 1,1-Dichloroethane	3.43	63	5210	0.996	ug/l #
18) 2-Butanone	4.28	43	3785	4.599	ug/l
19) Cyclohexane	4.98	56	2864	0.870	ug/l
20) Methylcyclohexane	6.40	83	3136	0.895	ug/l
21) 2,2-Dichloropropane	4.21	77	4647	1.029	ug/l #
22) cis-1,2-Dichloroethene	4.21	96	2567	1.035	ug/l
23) Diethyl Ether	2.10	59	2103	0.997	ug/l
24) tert-Butyl Alcohol	2.82	59	2726	10.798	ug/l #
25) Methyl tert-Butyl Ether	2.99	73	7231	1.021	ug/l
26) Bromochloromethane	4.54	128	1042	1.006	ug/l
27) Chloroform	4.67	83	5010	0.978	ug/l
28) 1,1,1-Trichloroethane	4.90	97	4844	1.039	ug/l
29) 1,1-Dichloropropene	5.12	75	3292	0.932	ug/l
30) Carbon Tetrachloride	5.12	117	4013	0.998	ug/l
31) Isopropyl Ether	3.57	45	7241	0.872	ug/l
32) Ethyl-t-butyl ether	4.06	59	6693	0.966	ug/l
33) Tert-Amyl methyl ether	5.58	73	5552	0.951	ug/l
34) Propionitrile	4.33	54	807	3.931	ug/l #
35) Benzene	5.38	78	9354	0.971	ug/l
36) 1,2-Dichloroethane	5.40	62	3932	0.978	ug/l #
37) Trichloroethene	6.18	130	2378	1.018	ug/l
38) 1,2-Dichloropropane	6.43	63	2489	0.934	ug/l
39) Methacrylonitrile	4.55	41	783	0.801	ug/l #
40) Methyl acrylate	4.43	55	1055	0.774	ug/l #
41) Tetrahydrofuran	4.65	42	760	1.571	ug/l #
42) 1-Chlorobutane	5.06	56	5317	0.968	ug/l

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 03:50:16 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

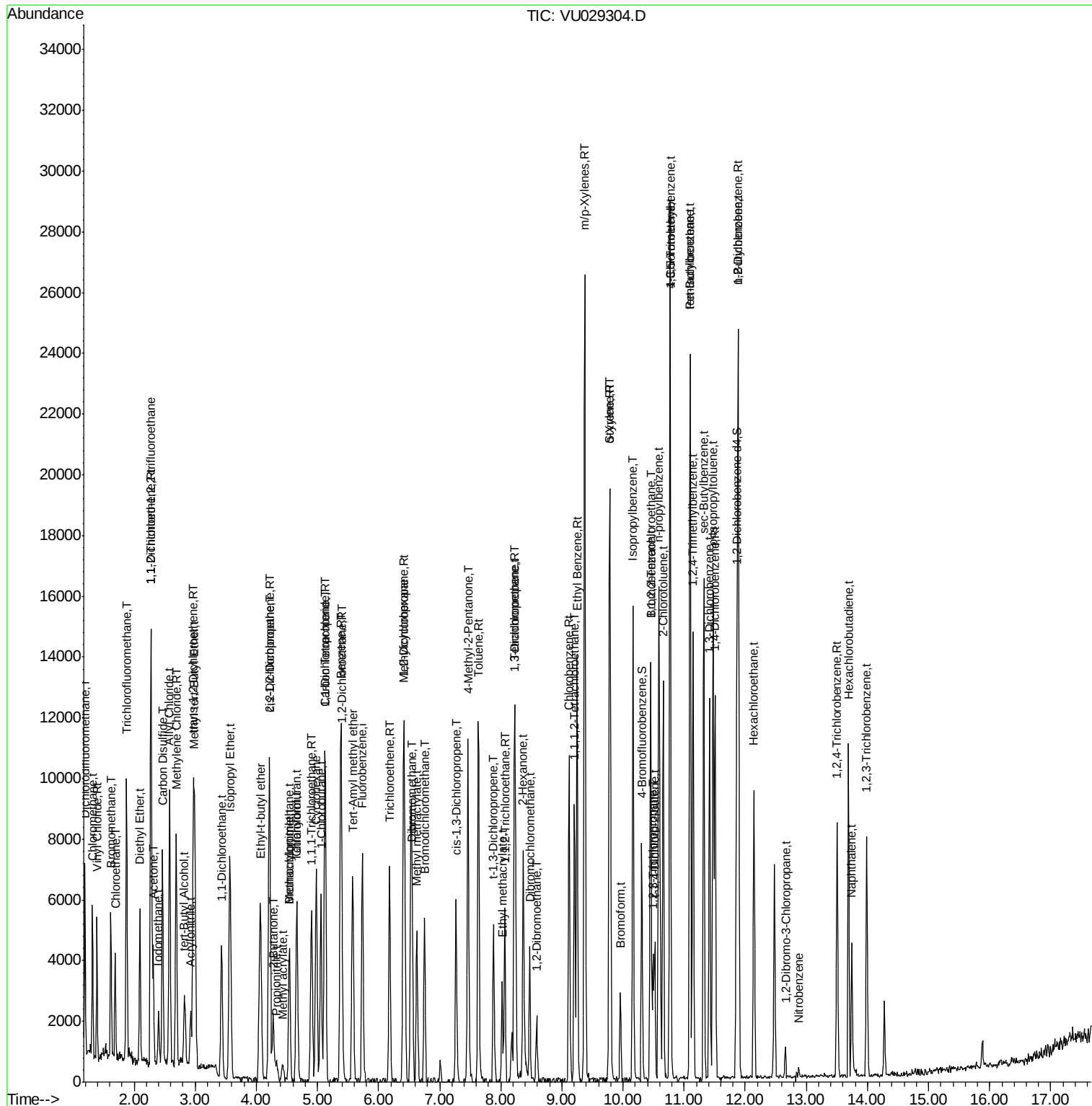
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

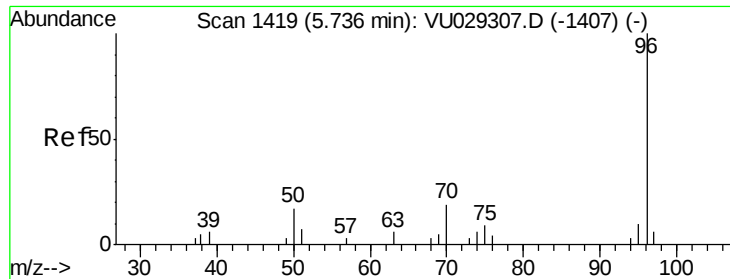
43) Dibromomethane	6.56	93	1241	0.918	ug/l	95
44) Bromodichloromethane	6.75	83	3751	0.975	ug/l	94
45) 4-Methyl-2-Pentanone	7.46	43	8347	4.412	ug/l #	96
46) t-1,4-Dichloro-2-butene	10.52	75	1000m	1.519	ug/l	
47) Methyl methacrylate	6.62	69	2119	1.845	ug/l	94
48) Ethyl methacrylate	8.02	69	1880	0.858	ug/l	92
49) Toluene	7.63	92	5111	0.920	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	3033	0.920	ug/l	92
51) cis-1,3-Dichloropropene	7.27	75	3555	0.962	ug/l	94
52) 1,1,2-Trichloroethane	8.07	97	1648	0.935	ug/l	94
53) 1,3-Dichloropropane	8.24	76	3124	0.950	ug/l	95
54) 2-Hexanone	8.37	43	6061	4.649	ug/l	93
55) Dibromochloromethane	8.48	129	2350	1.032	ug/l	96
56) 1,2-Dibromoethane	8.58	107	1581	0.995	ug/l	98
58) Tetrachloroethene	8.22	164	2300	1.029	ug/l	89
59) Chlorobenzene	9.12	112	5796	0.979	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	2424	0.988	ug/l	98
61) Pentachloroethane	11.10	117	1890	1.016	ug/l	99
62) Hexachloroethane	12.14	117	1702	0.902	ug/l	99
63) Ethyl Benzene	9.25	91	9346	0.890	ug/l	99
64) m/p-Xylenes	9.37	106	6813	1.718	ug/l	98
65) o-Xylene	9.77	106	3348	0.885	ug/l	99
66) Styrene	9.79	104	5693	0.867	ug/l	99
67) Bromoform	9.95	173	1291	0.989	ug/l #	90
69) Isopropylbenzene	10.16	105	9653	0.930	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	2348	1.017	ug/l #	95
71) 1,2,3-Trichloropropane	10.49	75	1939m	1.044	ug/l	
72) Bromobenzene	10.45	156	2462	0.988	ug/l	95
73) n-propylbenzene	10.59	120	2551	0.937	ug/l	99
74) 2-Chlorotoluene	10.66	126	2178	0.881	ug/l	88
75) 1,3,5-Trimethylbenzene	10.77	105	8532	0.930	ug/l	95
76) 4-Chlorotoluene	10.77	126	2391	0.963	ug/l	96
77) tert-Butylbenzene	11.10	119	8034	0.917	ug/l	95
78) 1,2,4-Trimethylbenzene	11.15	105	8008	0.848	ug/l	98
79) sec-Butylbenzene	11.32	105	10532	0.897	ug/l	99
80) Nitrobenzene	12.88	77	232	2.766	ug/l #	43
81) p-Isopropyltoluene	11.48	119	8820	0.900	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	5211	0.999	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	5169	0.999	ug/l	96
84) n-Butylbenzene	11.89	91	8611	0.903	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	4545	0.945	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	399	0.902	ug/l #	91
87) 1,2,4-Trichlorobenzene	13.50	180	2967	0.930	ug/l	93
88) Hexachlorobutadiene	13.69	225	1960	0.957	ug/l	97
89) Naphthalene	13.74	128	4350	0.833	ug/l	96
90) 1,2,3-Trichlorobenzene	13.99	180	2742	0.920	ug/l	95

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

```
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Data File : VU029304.D  
Acq On    : 29 Jan 2019   17:06  
Operator  : JC/SP  
Sample    : VSTDICC001  
Misc      : 25.0mL/MSVOA U/WATER  
ALS Vial  : 4    Sample Multiplier: 1
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QLast Update : Wed Jan 30 00:35:37 2019
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

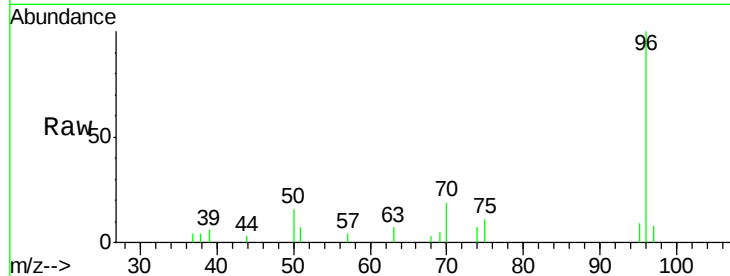
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tot Ion: 96 Resp: 7208

Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.2	24.2
95	7.9	7.4	11.2
97	5.0	0.0	0.0#

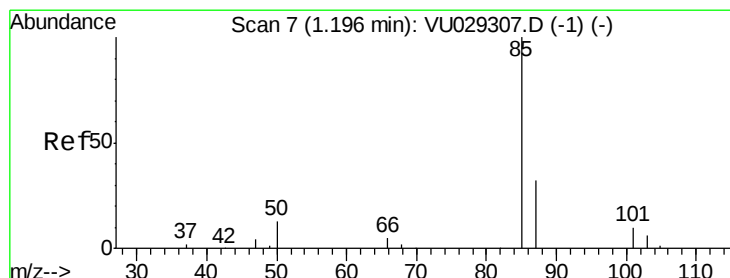
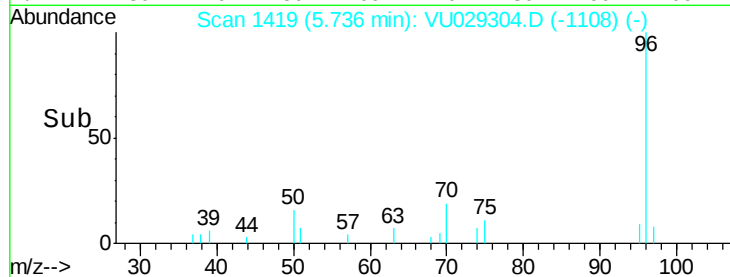
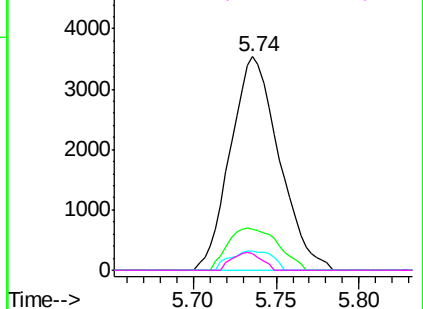


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.043 ug/l m

RT: 1.20 min Scan# 7

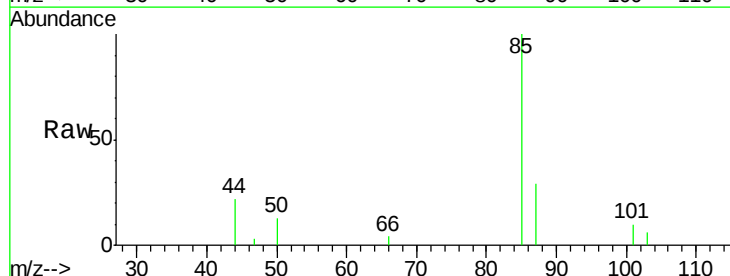
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

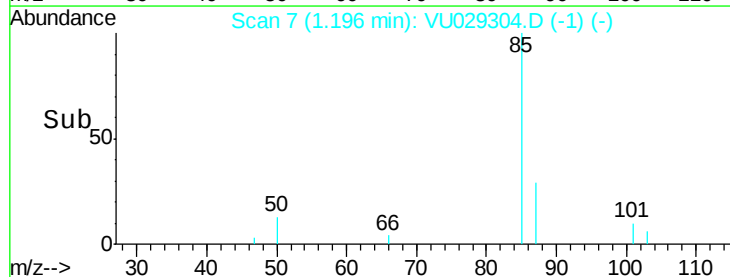
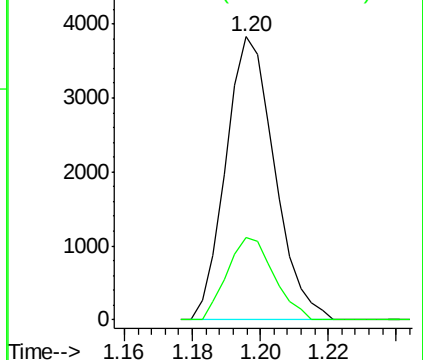
Tgt Ion: 85 Resp: 3791

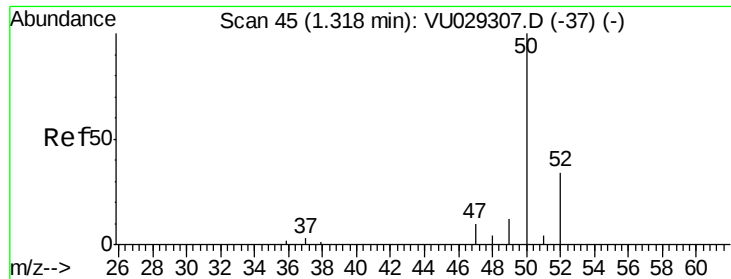
Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 0.859 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029304.D

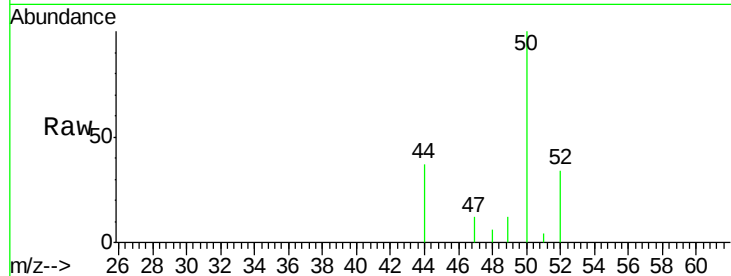
Acq: 29 Jan 2019 17:06

Tot Ion: 50 Resp: 2742

Ion Ratio Lower Upper

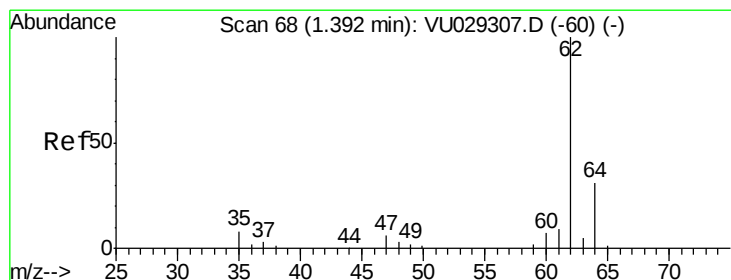
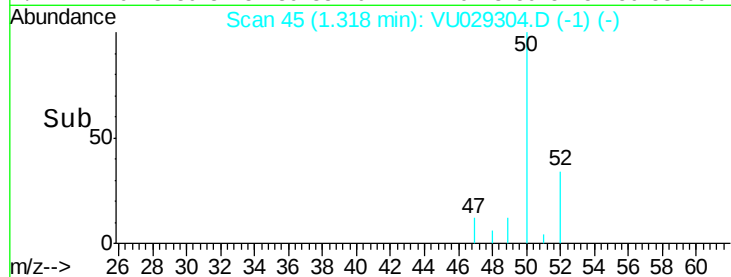
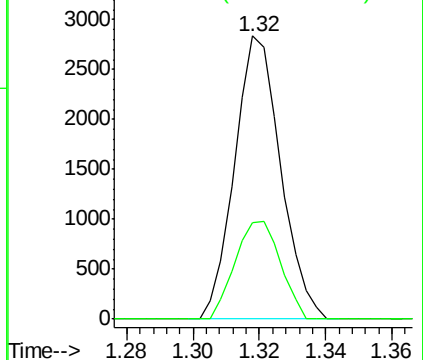
50 100

52 34.3 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 0.937 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029304.D

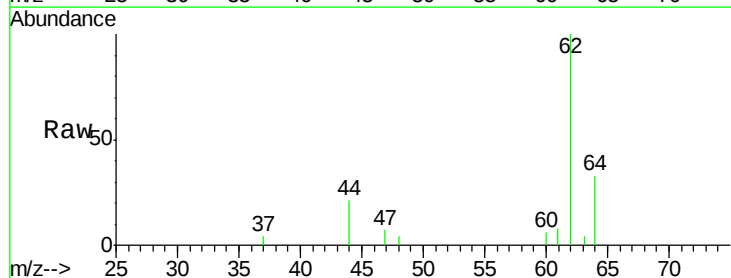
Acq: 29 Jan 2019 17:06

Tgt Ion: 62 Resp: 2906

Ion Ratio Lower Upper

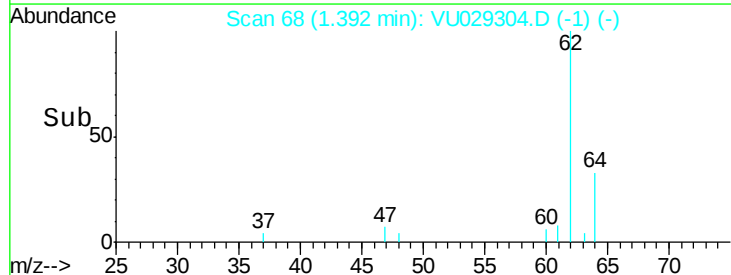
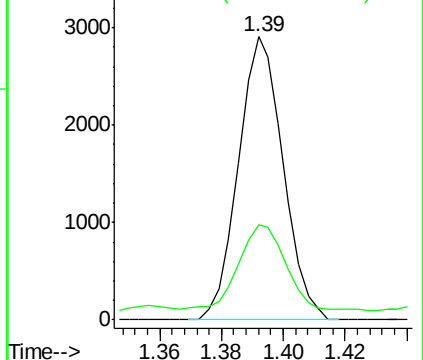
62 100

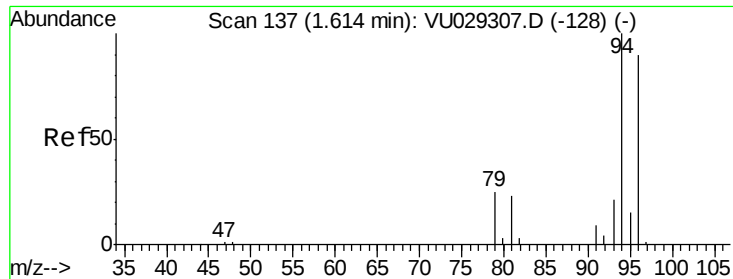
64 29.7 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

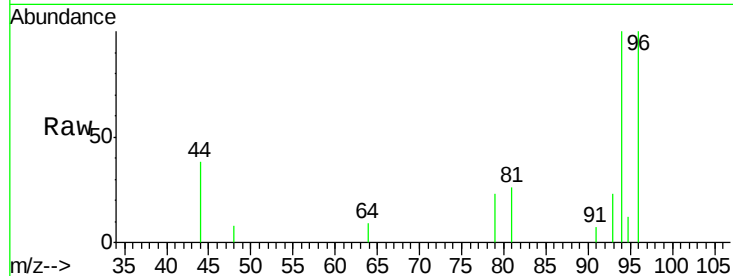
Ion 64.00 (63.70 to 64.70): VU0



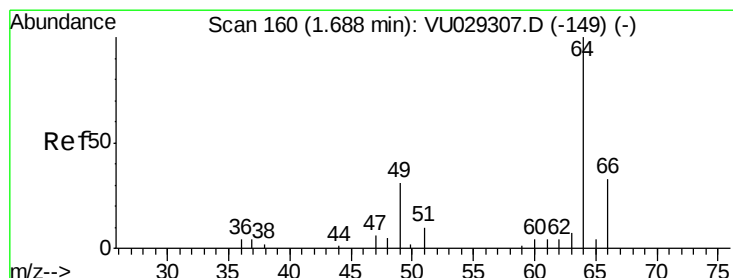
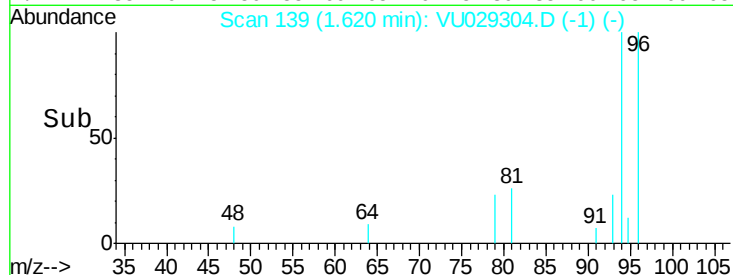
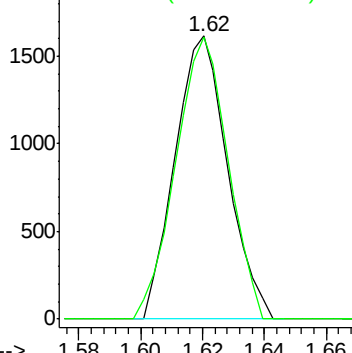


#5
Bromomethane
Concen: 1.053 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.01 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion: 94 Resp: 1908
Ion Ratio Lower Upper
94 100
96 99.8 71.7 107.5

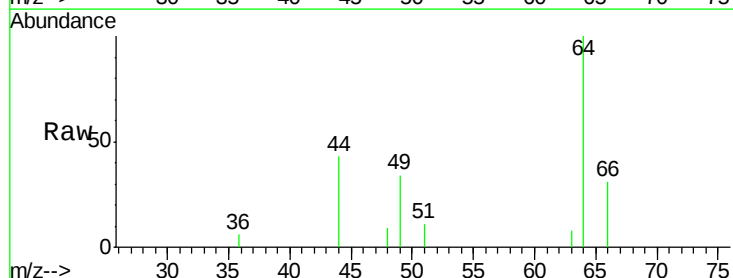


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

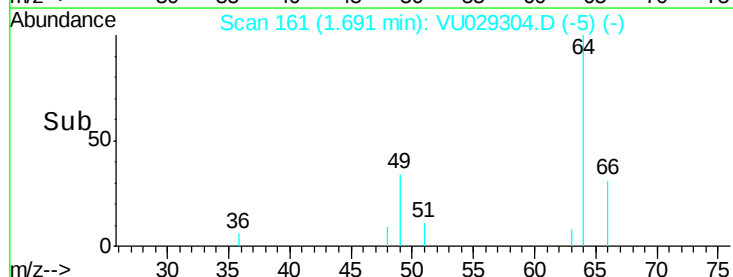
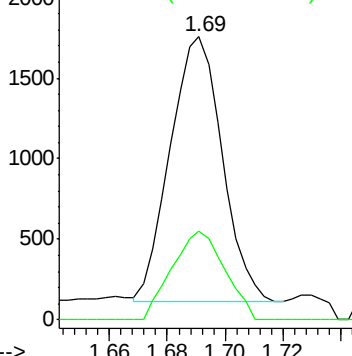


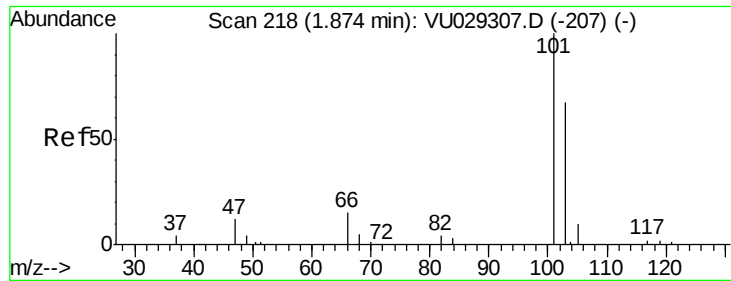
#6
Chloroethane
Concen: 0.953 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 64 Resp: 2054
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0

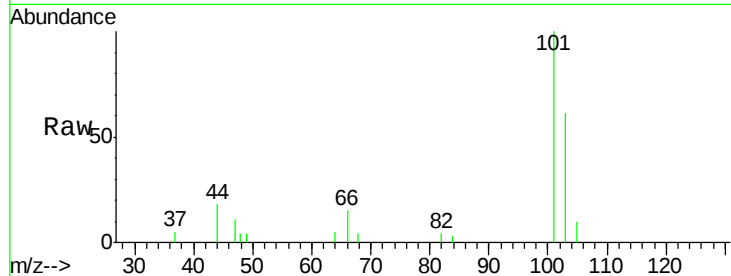




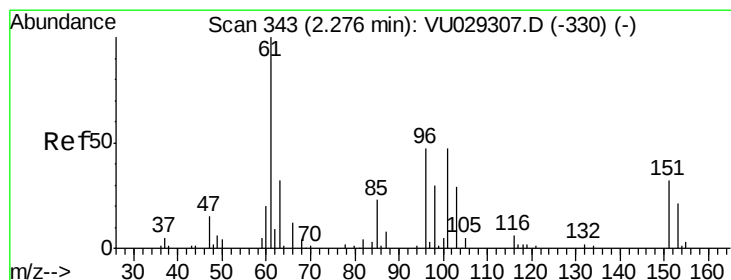
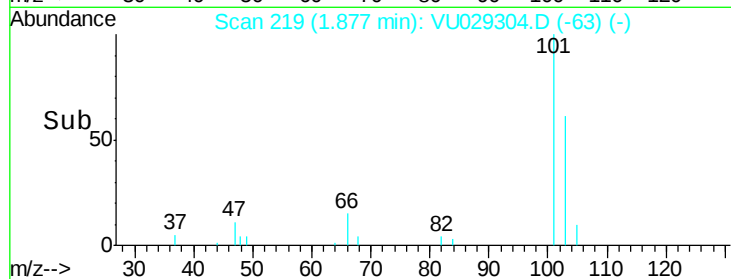
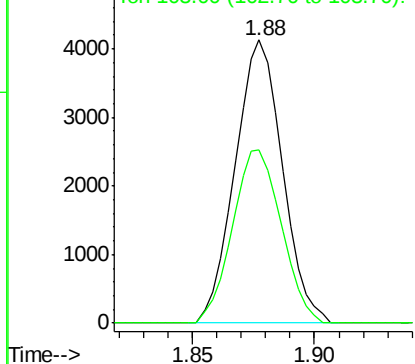
#7

Trichlorofluoromethane
 Concen: 1.065 ug/l
 RT: 1.88 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion:101 Resp: 5556
 Ion Ratio Lower Upper
 101 100
 103 61.4 53.9 80.9



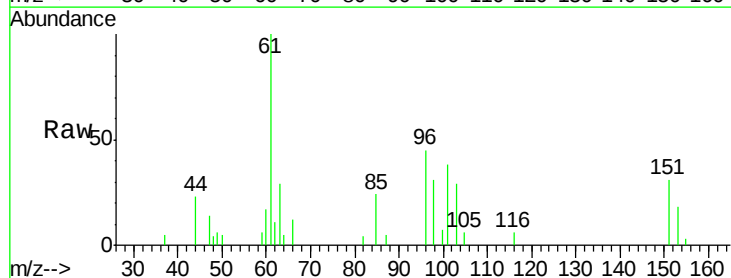
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



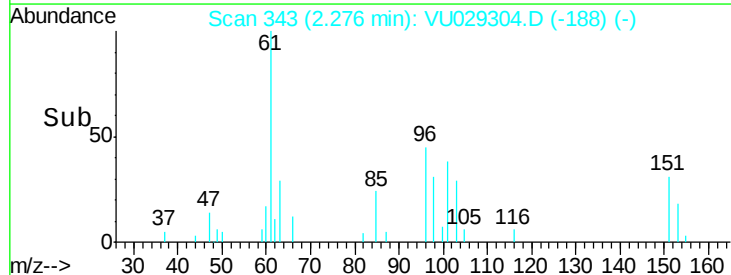
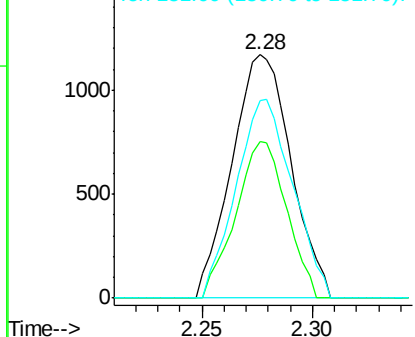
#8

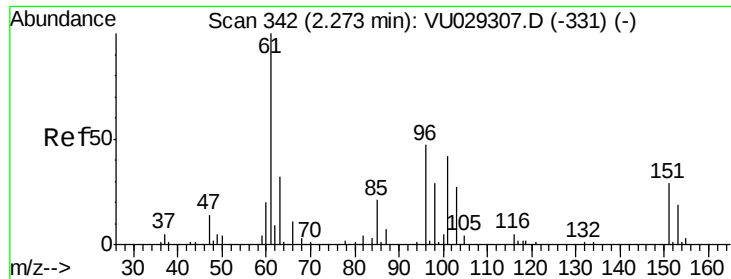
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.984 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:101 Resp: 2175
 Ion Ratio Lower Upper
 101 100
 85 55.4 40.3 60.5
 151 78.2 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: 0.986 ug/l

RT: 2.28 min Scan# 343

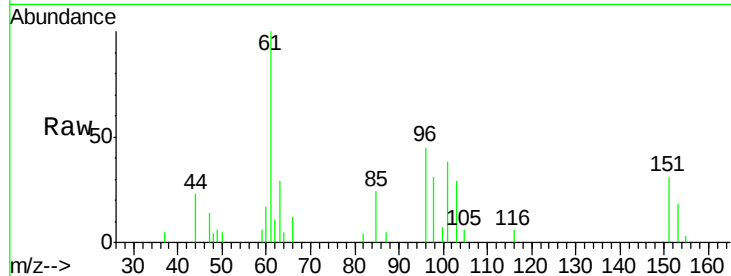
Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tot Ion: 96 Resp: 2052

Ion	Ratio	Lower	Upper
96	100		
61	222.4	0.0	641.4
98	68.8	0.0	122.6

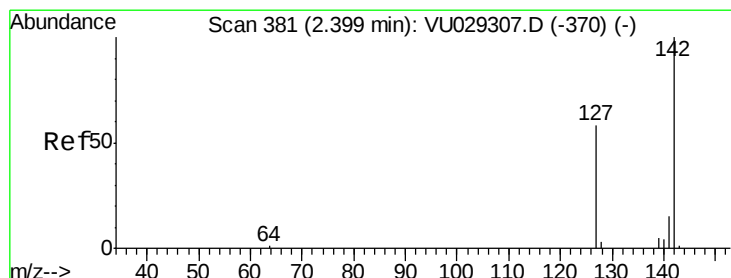
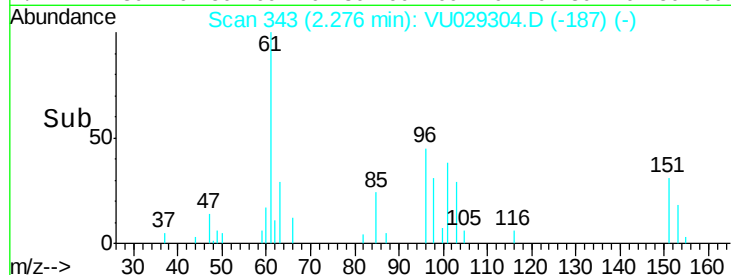
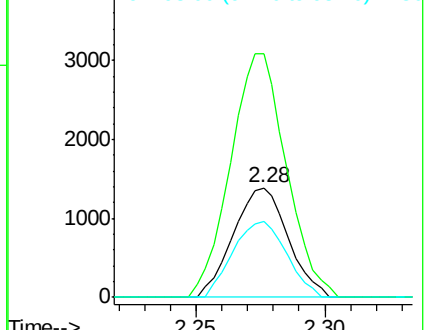


Abundance

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: 0.762 ug/l

RT: 2.40 min Scan# 382

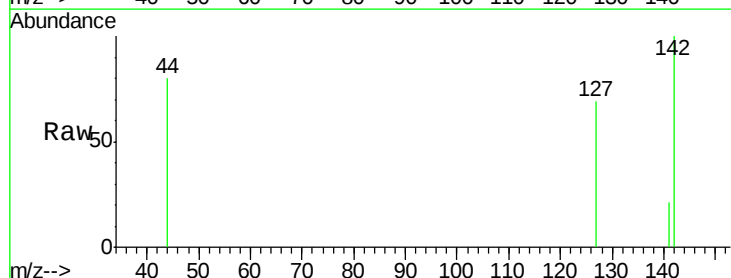
Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt Ion: 142 Resp: 1422

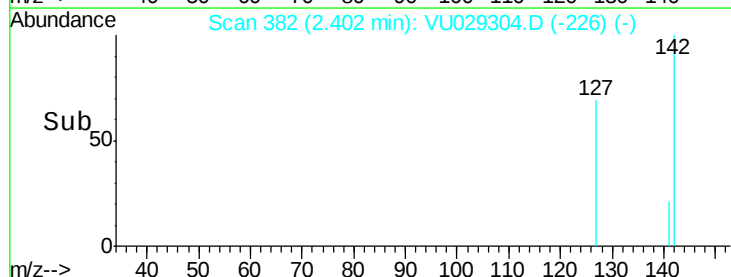
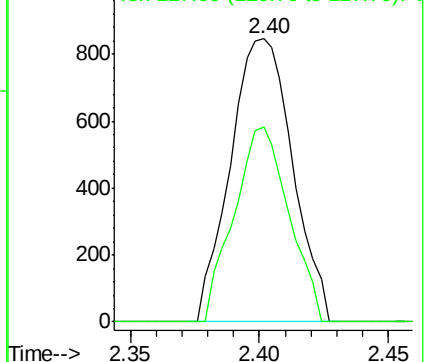
Ion	Ratio	Lower	Upper
142	100		
127	61.0	47.6	71.4

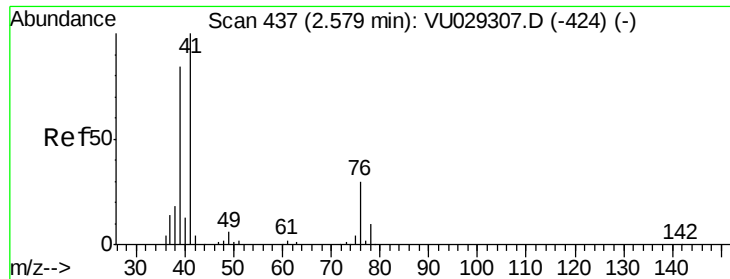


Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 0.982 ug/l

RT: 2.58 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU029304.D

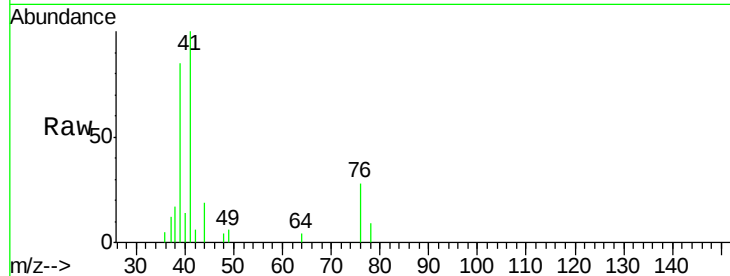
Acq: 29 Jan 2019 17:06

Tot Ion: 41 Resp: 5130

Ion Ratio Lower Upper

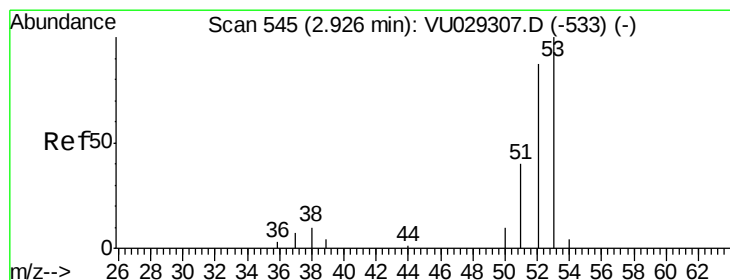
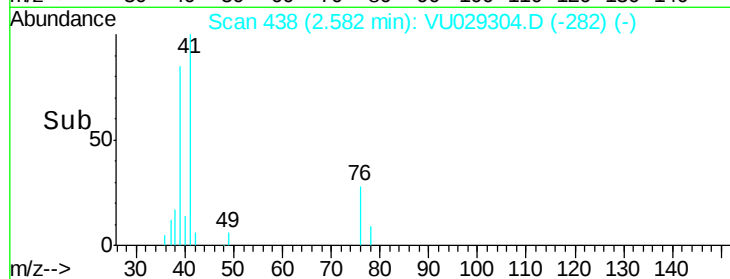
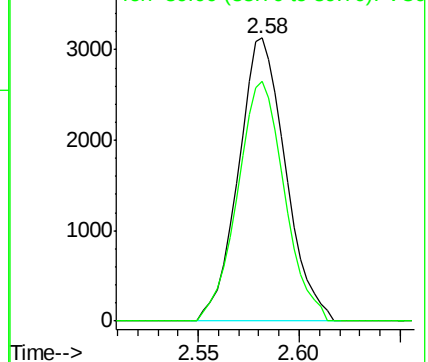
41 100

39 84.2 67.2 100.8



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 1.981 ug/l

RT: 2.93 min Scan# 545

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

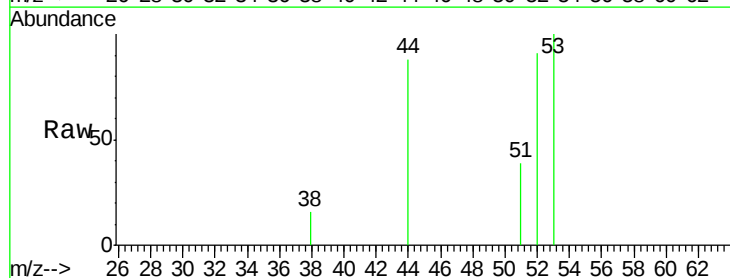
Tgt Ion: 53 Resp: 1279

Ion Ratio Lower Upper

53 100

52 86.6 67.6 101.4

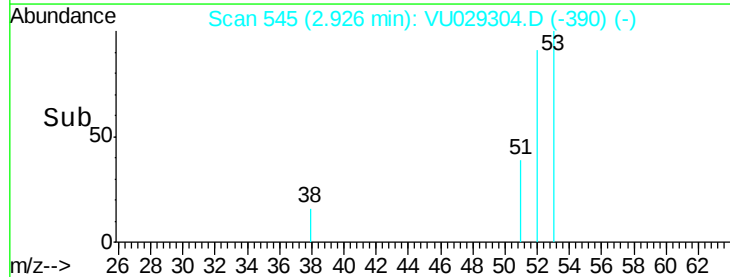
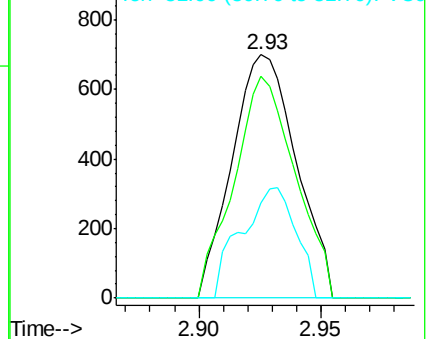
51 38.9 31.0 46.4

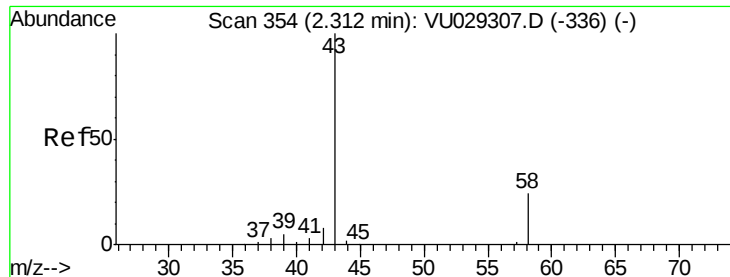


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 5.733 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029304.D

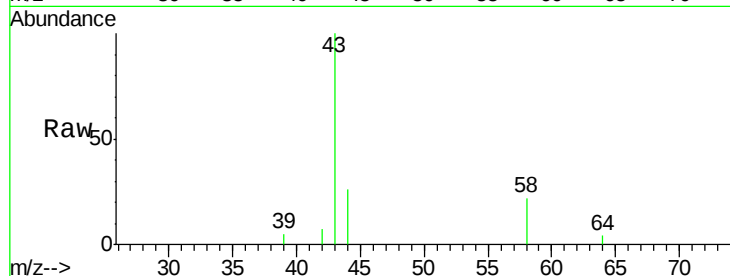
Acq: 29 Jan 2019 17:06

Tot Ion: 43 Resp: 4207

Ion Ratio Lower Upper

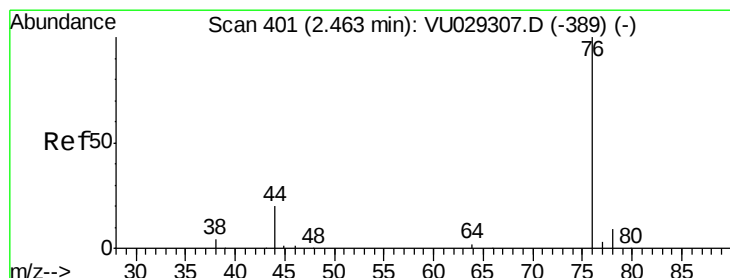
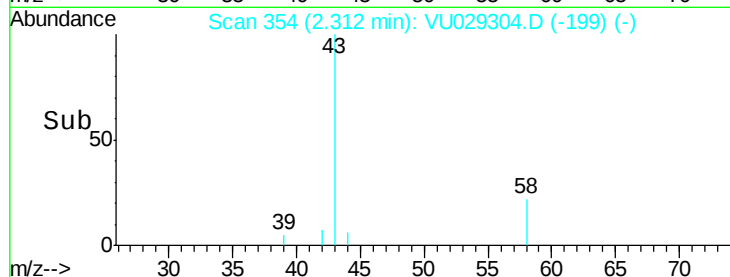
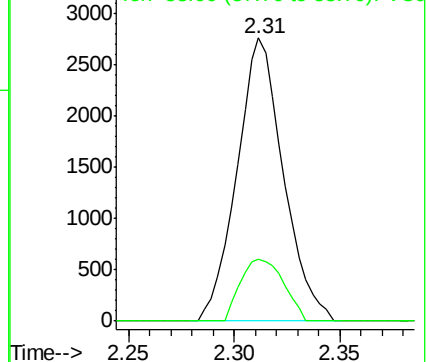
43 100

58 21.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 1.000 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029304.D

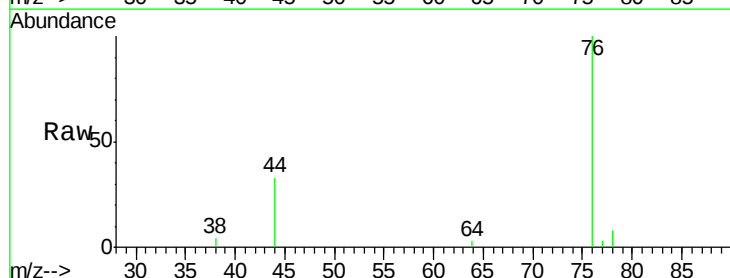
Acq: 29 Jan 2019 17:06

Tgt Ion: 76 Resp: 7669

Ion Ratio Lower Upper

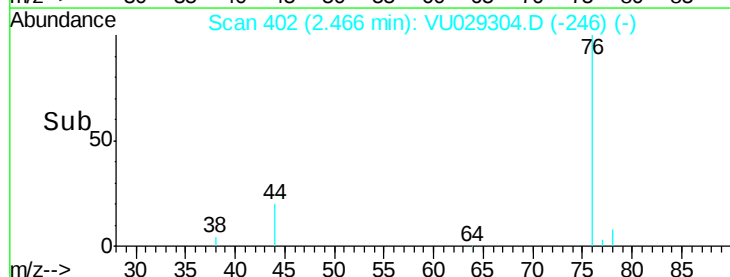
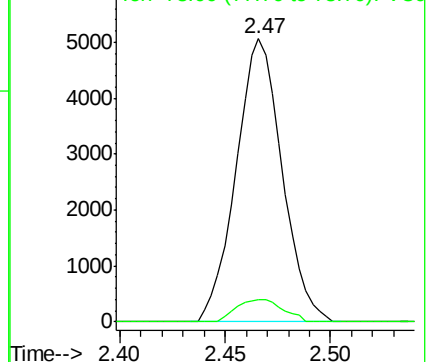
76 100

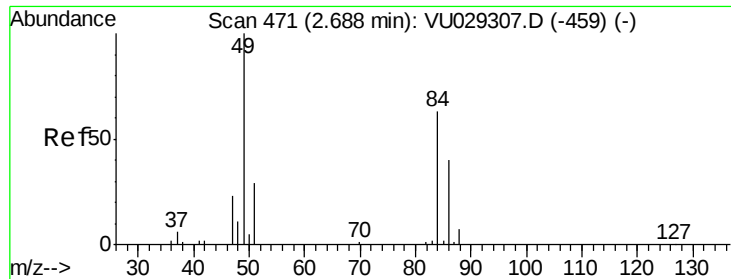
78 7.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

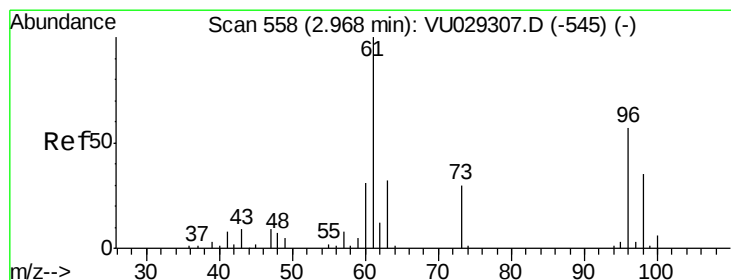
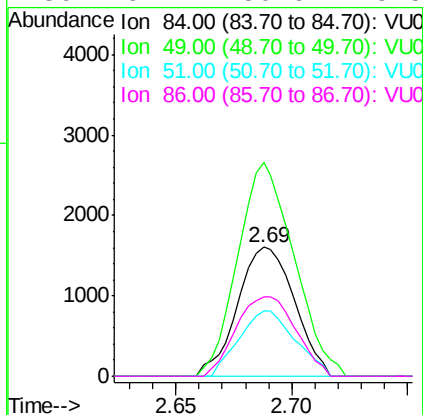
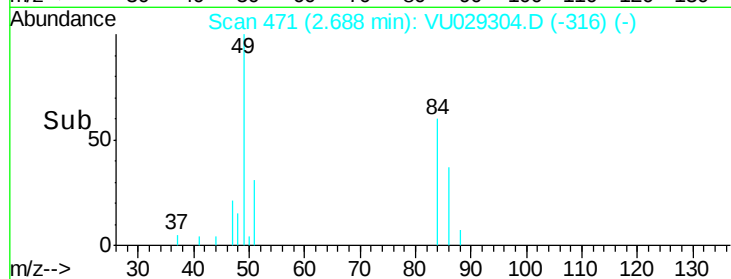
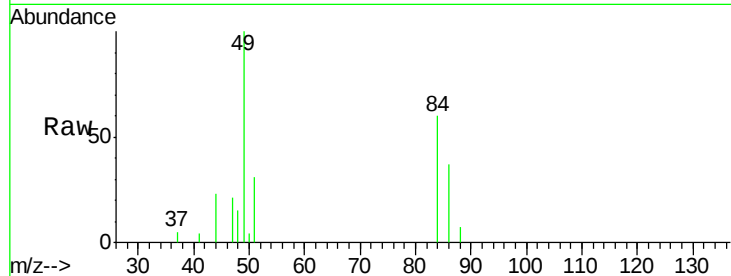
Ion 78.00 (77.70 to 78.70): VU0





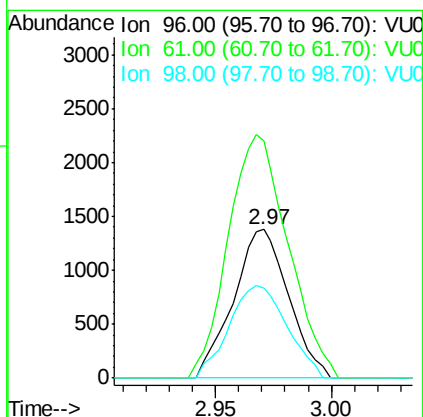
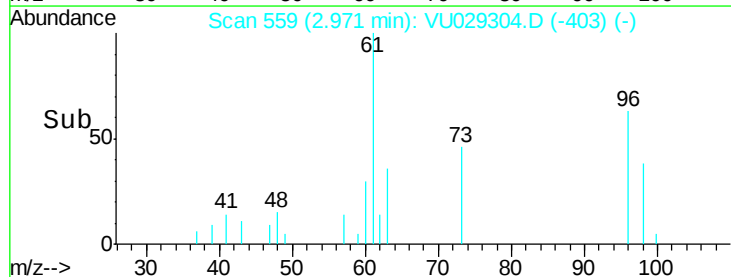
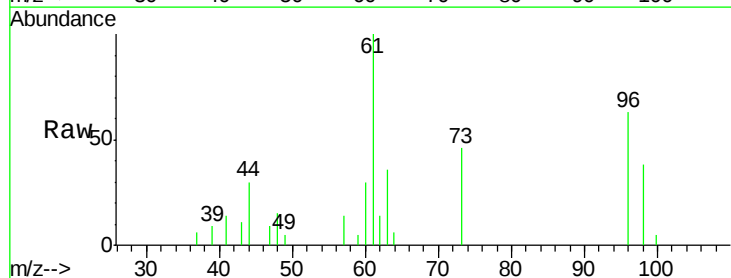
#15
Methvlene Chloride
Concen: 1.001 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

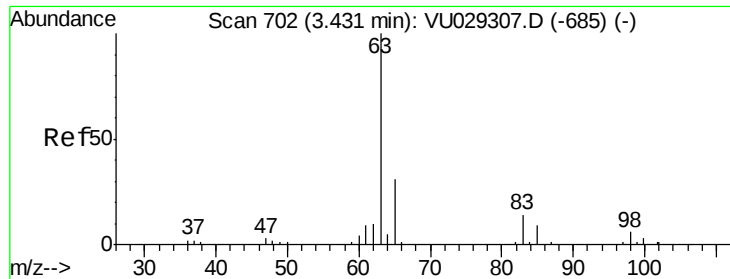
Tot Ion:	84	Resp:	2722
Ion	Ratio	Lower	Upper
84	100		
49	165.5	127.0	190.6
51	51.1	0.0	93.4
86	61.2	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 2.97 min Scan# 559
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

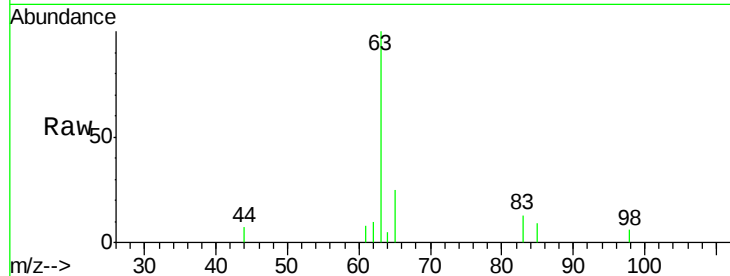
Tgt Ion:	96	Resp:	2275
Ion	Ratio	Lower	Upper
96	100		
61	159.4	140.6	210.8
98	60.9	49.3	73.9



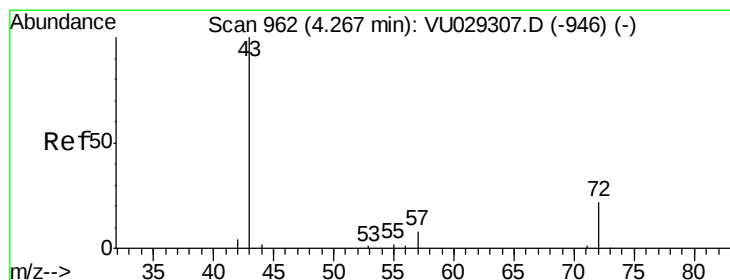
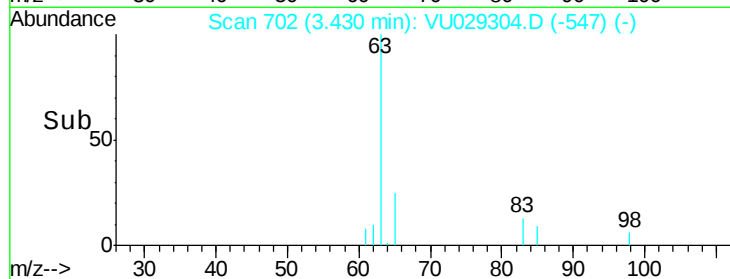
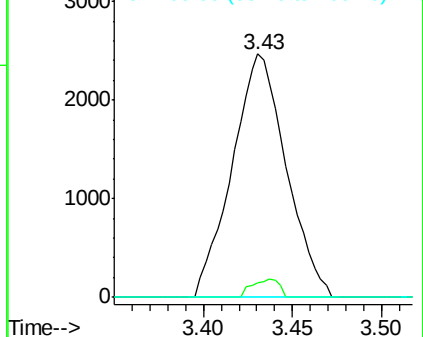


#17
 1,1-Dichloroethane
 Concen: 0.996 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion: 63 Resp: 5210
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 0.0 1.7 5.1#

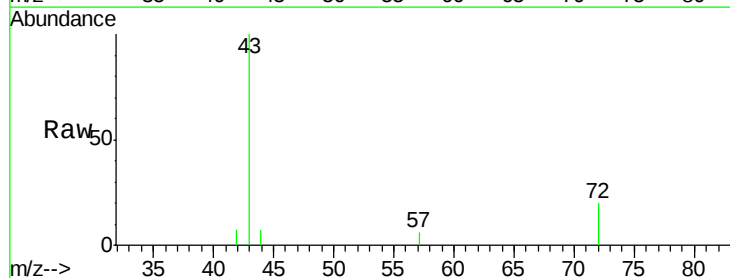


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

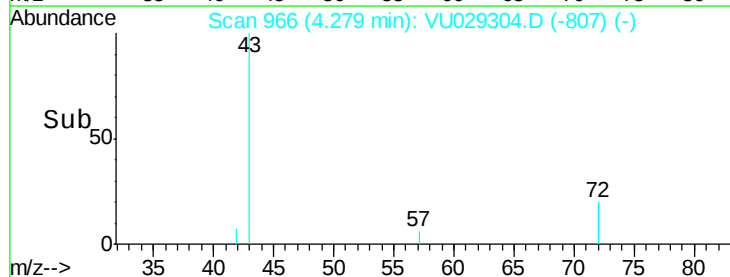
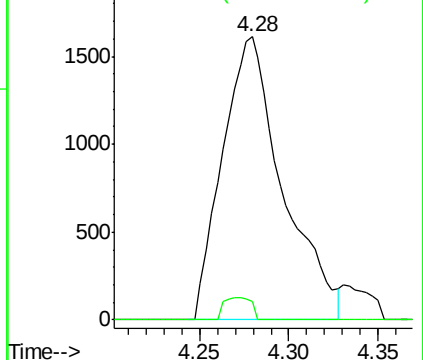


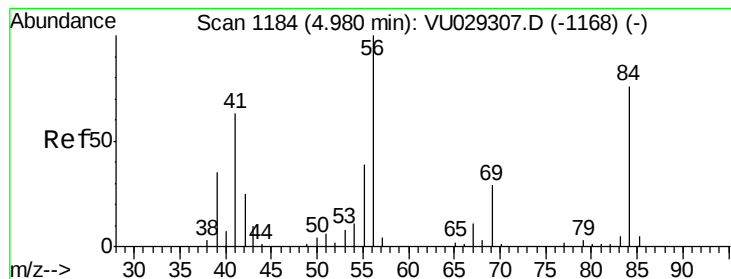
#18
 2-Butanone
 Concen: 4.599 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 43 Resp: 3785
 Ion Ratio Lower Upper
 43 100
 57 6.3 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: 0.870 ug/l

RT: 4.98 min Scan# 1184

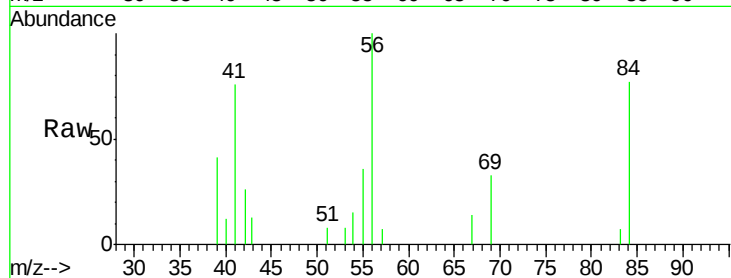
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tot Ion: 56 Resp: 2864

Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.8	40.2
84	89.6	71.5	107.3

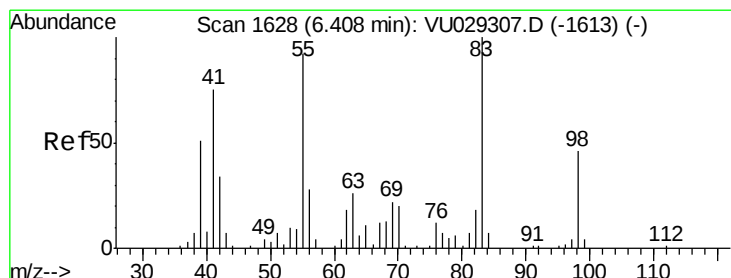
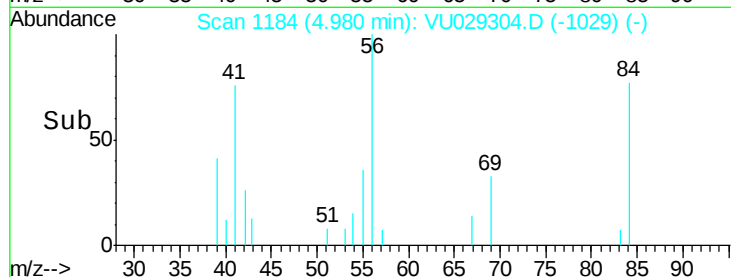
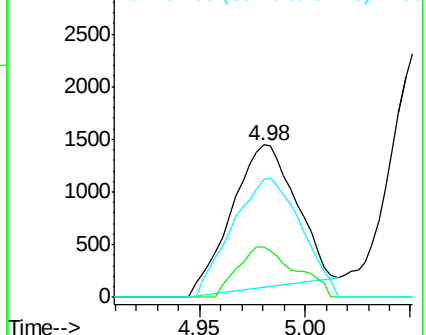


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 0.895 ug/l

RT: 6.40 min Scan# 1627

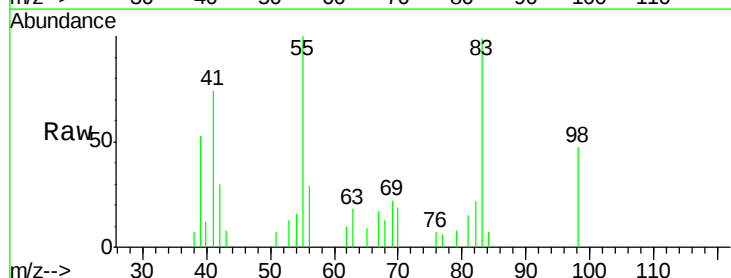
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt Ion: 83 Resp: 3136

Ion	Ratio	Lower	Upper
83	100		
55	94.9	72.4	108.6
98	45.3	36.6	54.8

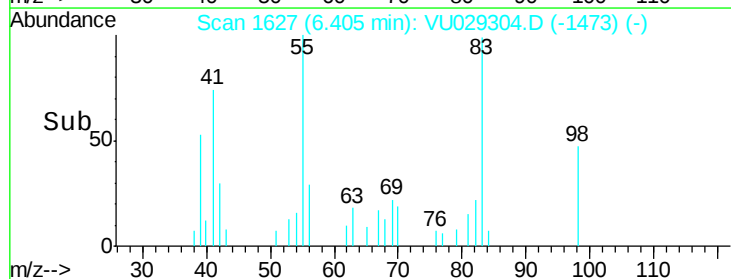
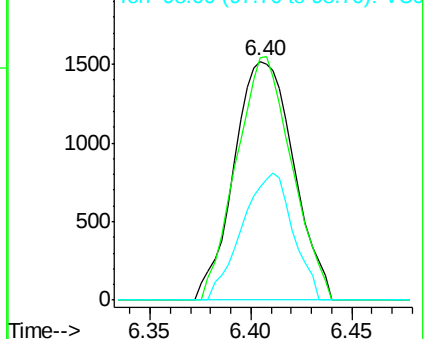


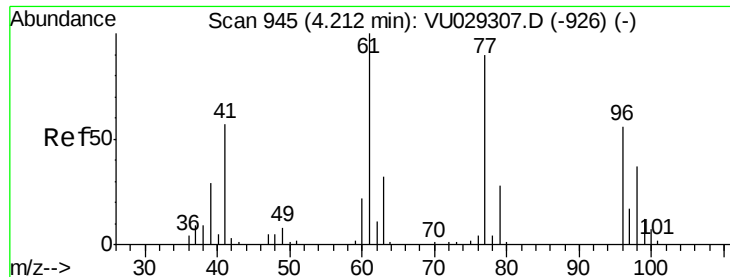
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.029 ug/l

RT: 4.21 min Scan# 945

Delta R.T. -0.00 min

Lab File: VU029304.D

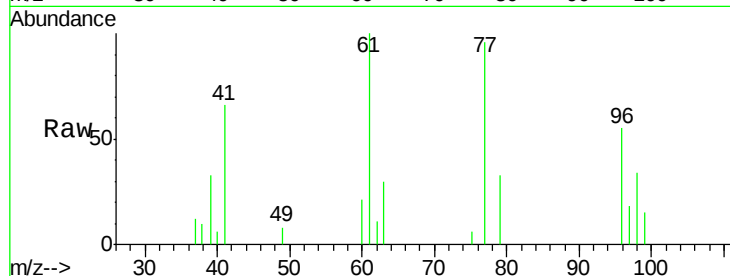
Acq: 29 Jan 2019 17:06

Tot Ion: 77 Resp: 4647

Ion Ratio Lower Upper

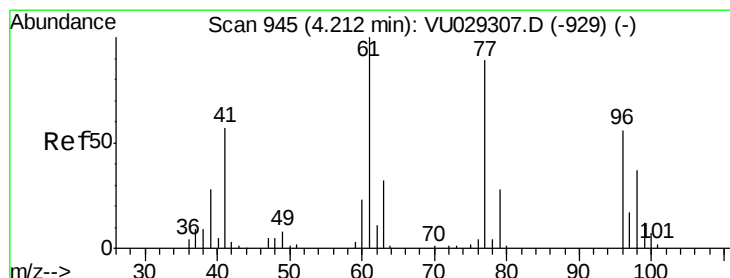
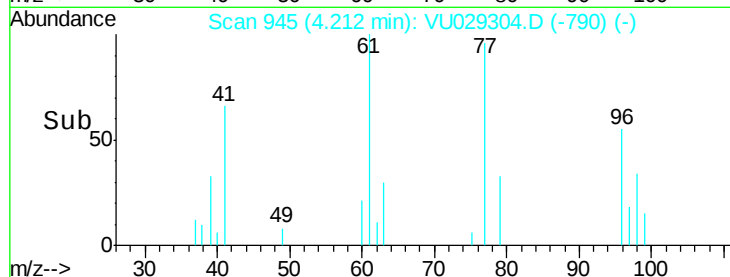
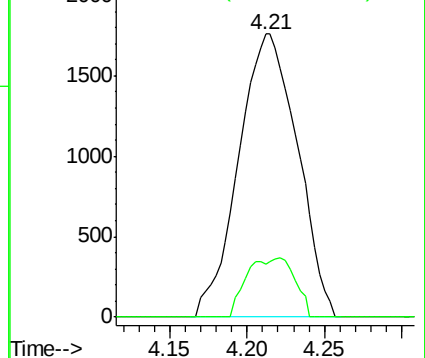
77 100

97 7.8 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: 1.035 ug/l

RT: 4.21 min Scan# 946

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

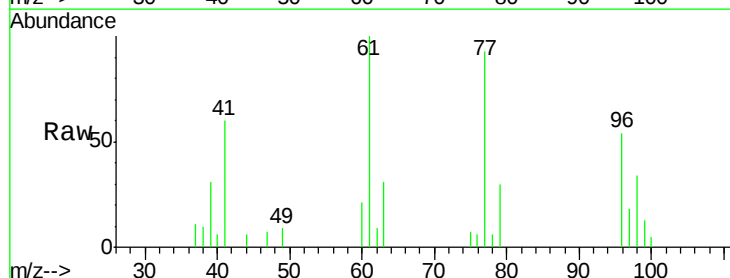
Tgt Ion: 96 Resp: 2567

Ion Ratio Lower Upper

96 100

61 170.7 0.0 460.0

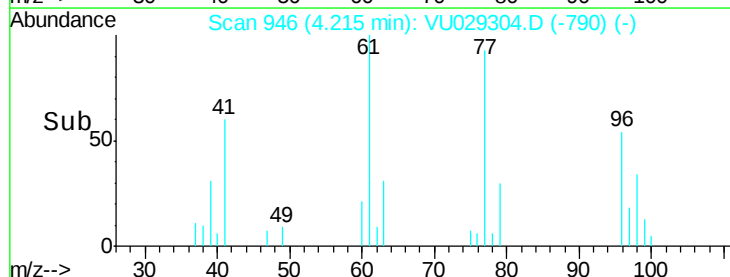
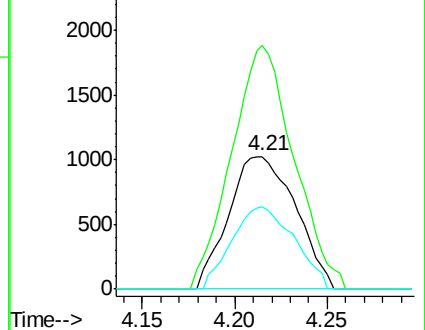
98 57.8 32.6 97.7

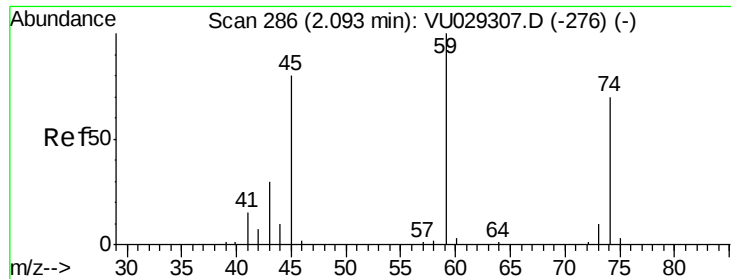


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

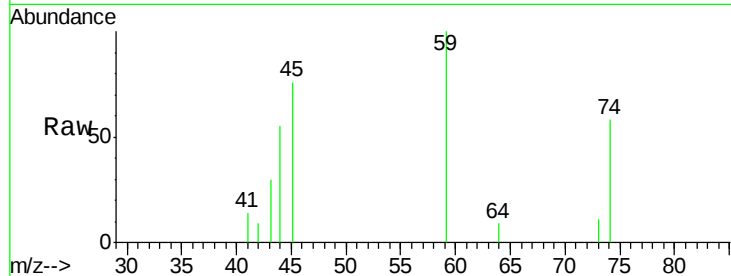
Ion 98.00 (97.70 to 98.70): VU0



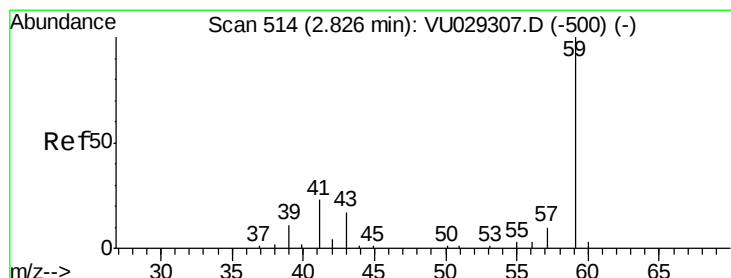
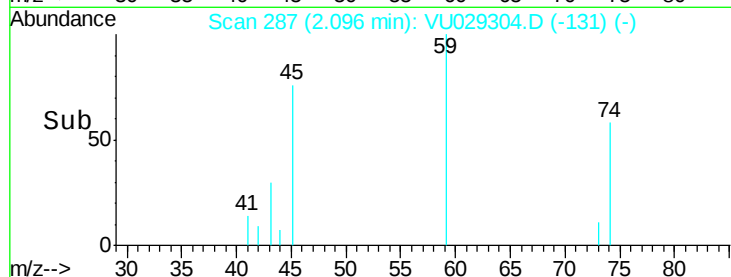
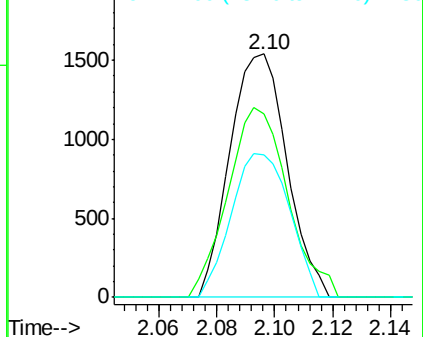


#23
Diethyl Ether
Concen: 0.997 ug/l
RT: 2.10 min Scan# 287
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion: 59 Resp: 2103
Ion Ratio Lower Upper
59 100
45 82.1 64.2 96.4
74 60.4 55.3 82.9

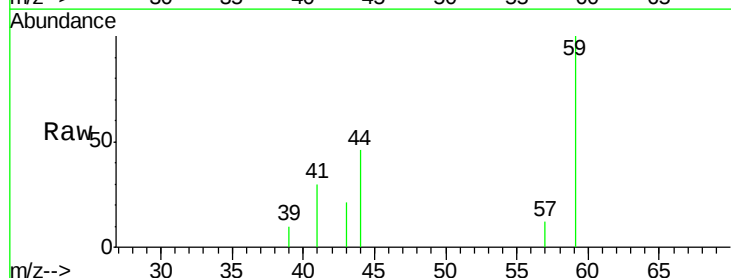


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

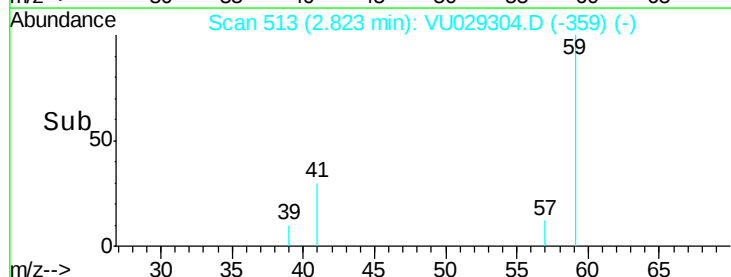
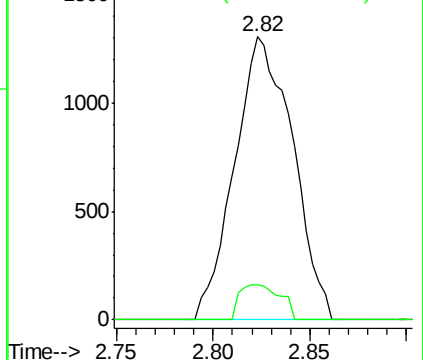


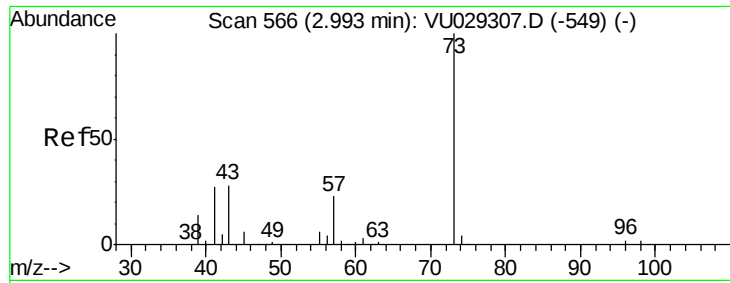
#24
tert-Butyl Alcohol
Concen: 10.798 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 59 Resp: 2726
Ion Ratio Lower Upper
59 100
57 8.6 8.8 13.2#



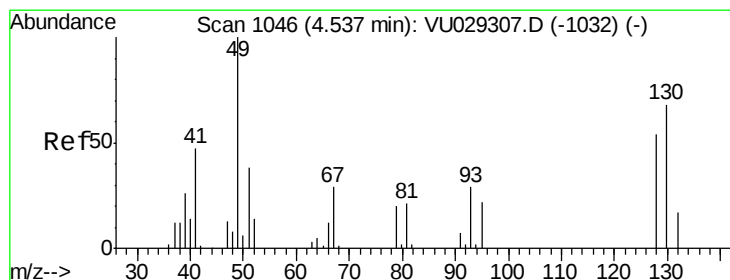
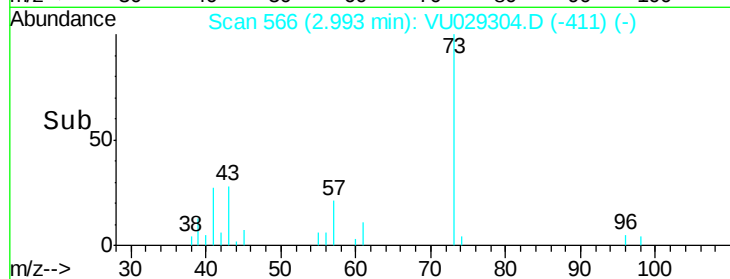
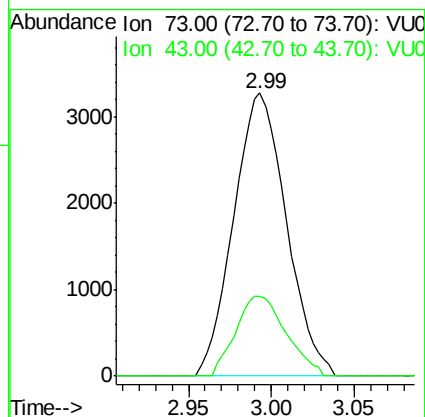
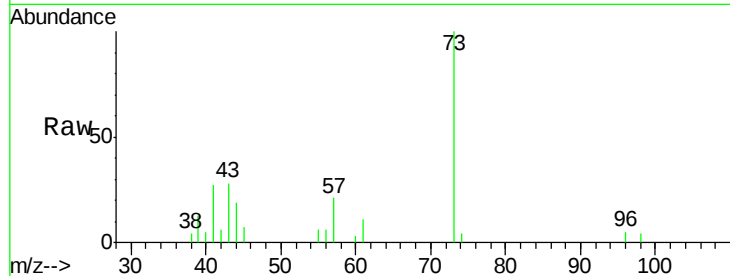
Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0





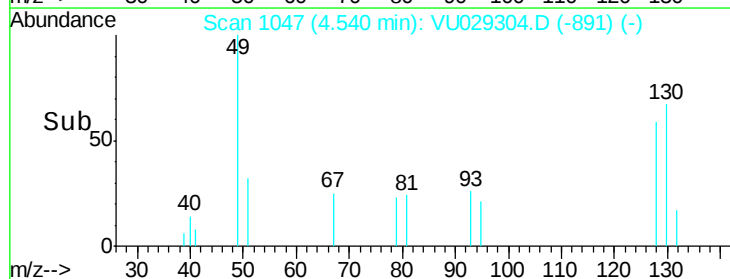
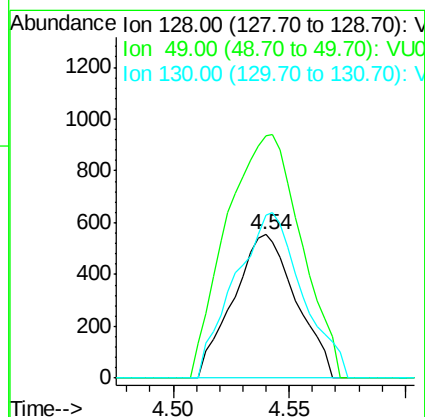
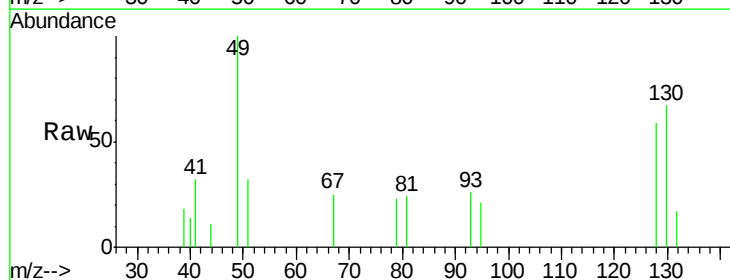
#25
Methvl tert-Butvl Ether
Concen: 1.021 ug/l
RT: 2.99 min Scan# 566
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

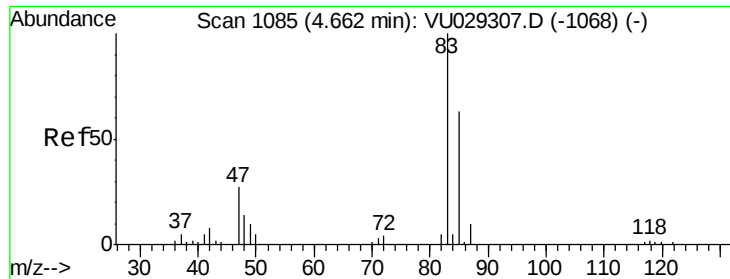
Tot Ion: 73 Resp: 7231
Ion Ratio Lower Upper
73 100
43 27.2 22.1 33.1



#26
Bromochloromethane
Concen: 1.006 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 128 Resp: 1042
Ion Ratio Lower Upper
128 100
49 201.6 0.0 401.6
130 124.1 108.0 162.0





#27

Chloroform

Concen: 0.978 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU029304.D

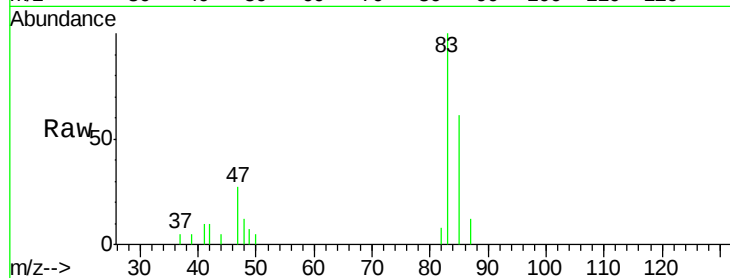
Acq: 29 Jan 2019 17:06

Tot Ion: 83 Resp: 5010

Ion Ratio Lower Upper

83 100

85 61.1 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

2500

2000

1500

1000

500

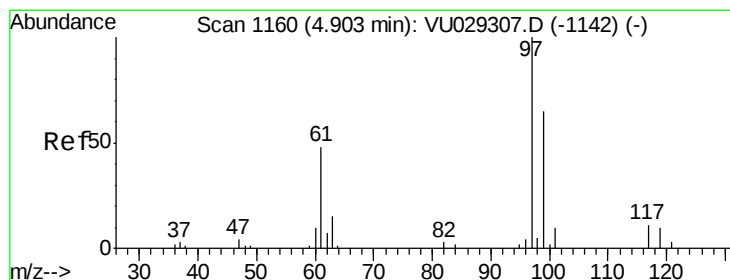
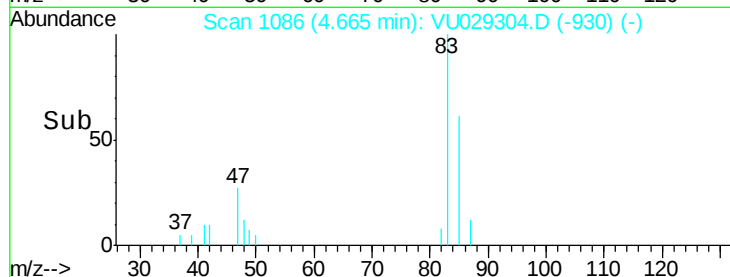
0

4.60

4.65

4.70

Time-->



#28

1,1,1-Trichloroethane

Concen: 1.039 ug/l

RT: 4.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

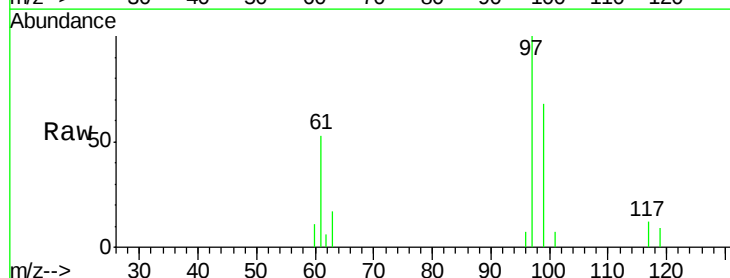
Tgt Ion: 97 Resp: 4844

Ion Ratio Lower Upper

97 100

99 61.3 32.4 97.2

61 48.4 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

2500

2000

1500

1000

500

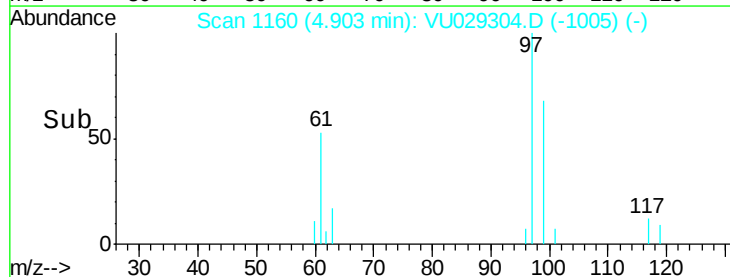
0

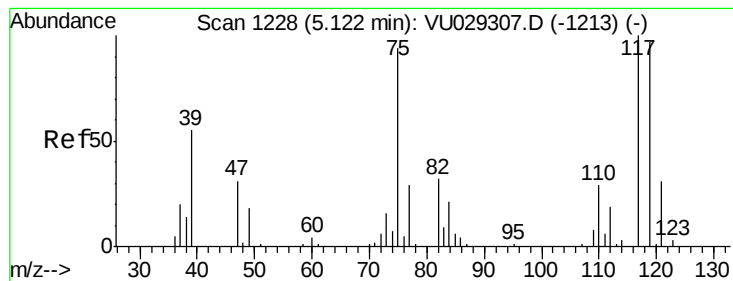
4.85

4.90

4.95

Time-->





#29

1,1-Dichloropropene

Concen: 0.932 ug/l

RT: 5.12 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

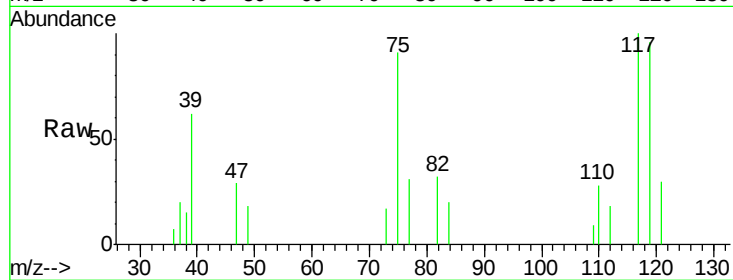
Tot Ion: 75 Resp: 3292

Ion Ratio Lower Upper

75 100

110 30.7 15.4 46.2

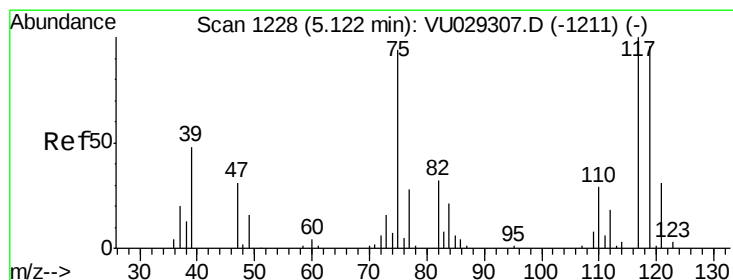
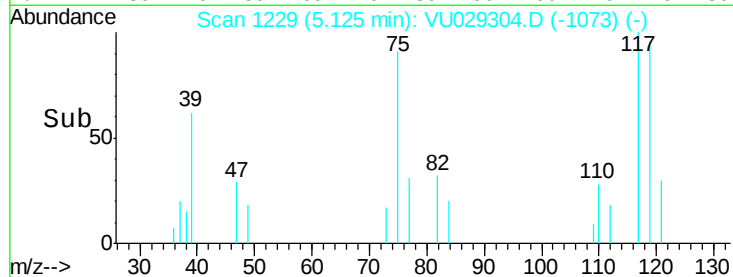
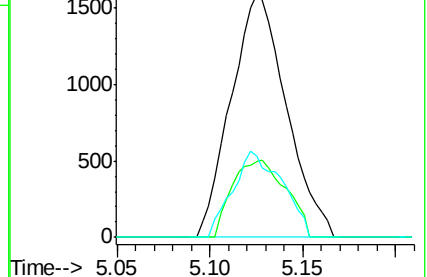
77 31.7 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU029307.D (-1213) (-)

Ion 110.00 (109.70 to 110.70): VU029307.D (-1213) (-)

Ion 77.00 (76.70 to 77.70): VU029307.D (-1213) (-)



#30

Carbon Tetrachloride

Concen: 0.998 ug/l

RT: 5.12 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

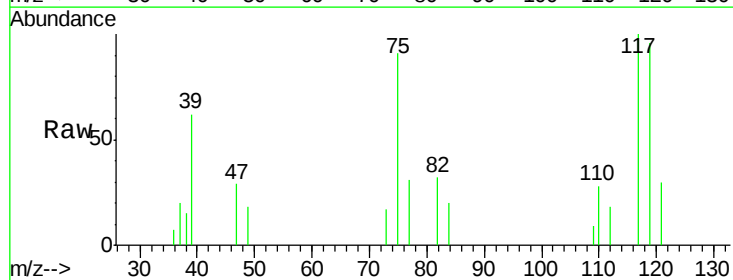
Tgt Ion: 117 Resp: 4013

Ion Ratio Lower Upper

117 100

119 96.3 76.8 115.2

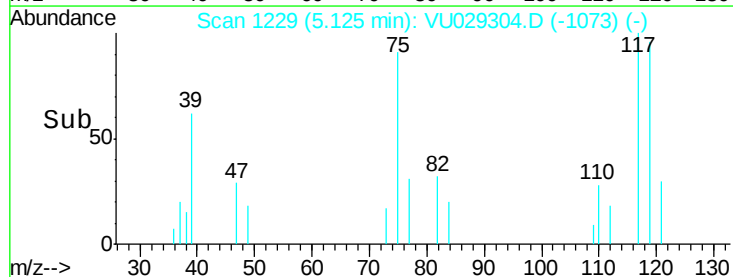
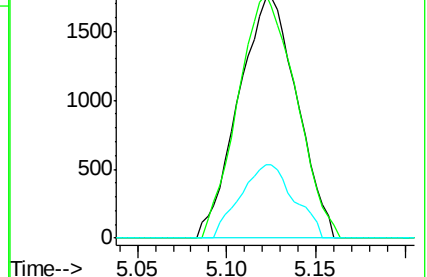
121 30.4 24.4 36.6

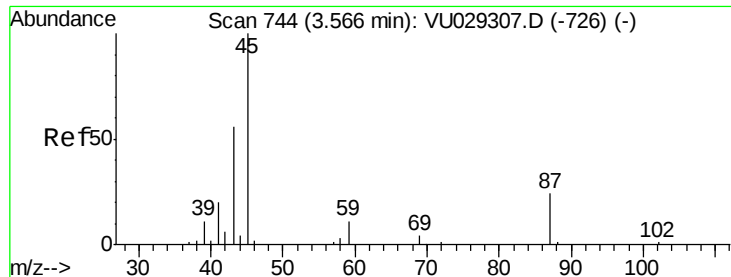


Abundance Ion 117.00 (116.70 to 117.70): VU029307.D (-1211) (-)

Ion 119.00 (118.70 to 119.70): VU029307.D (-1211) (-)

Ion 121.00 (120.70 to 121.70): VU029307.D (-1211) (-)





#31

Isopropyl Ether

Concen: 0.872 ug/l

RT: 3.57 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU029304.D

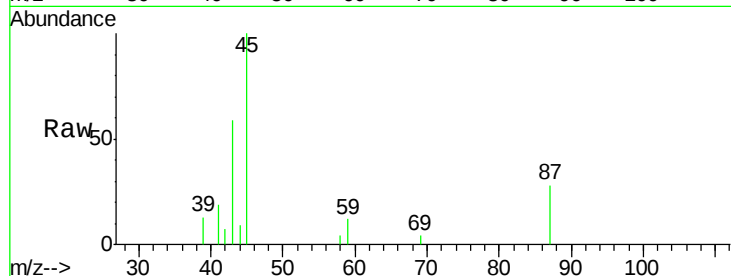
Acq: 29 Jan 2019 17:06

Tot Ion: 45 Resp: 7241

Ion Ratio Lower Upper

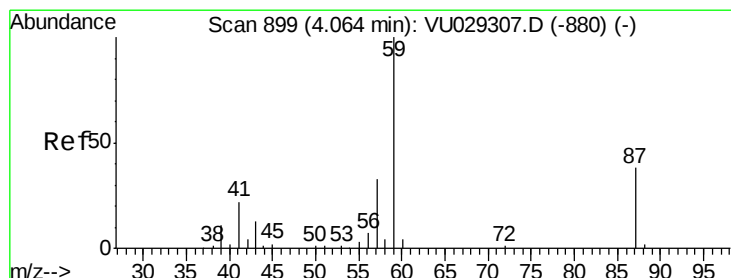
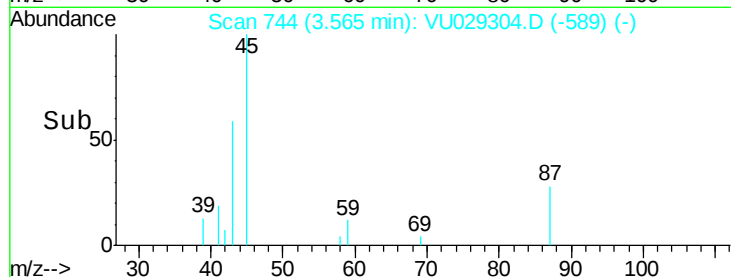
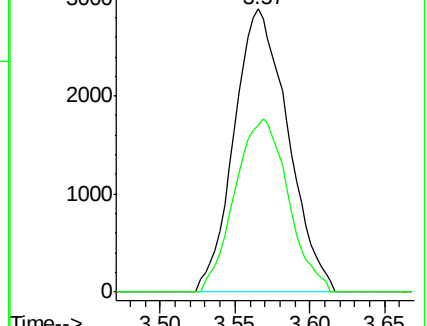
45 100

43 60.3 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 0.966 ug/l

RT: 4.06 min Scan# 899

Delta R.T. -0.00 min

Lab File: VU029304.D

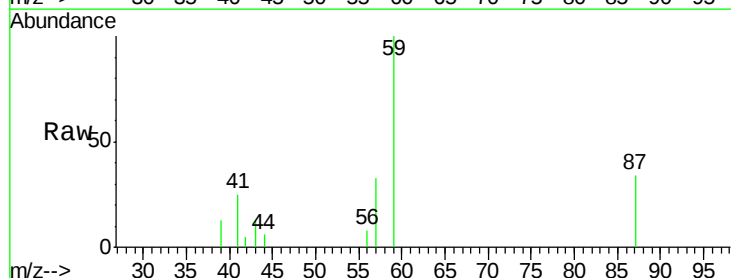
Acq: 29 Jan 2019 17:06

Tgt Ion: 59 Resp: 6693

Ion Ratio Lower Upper

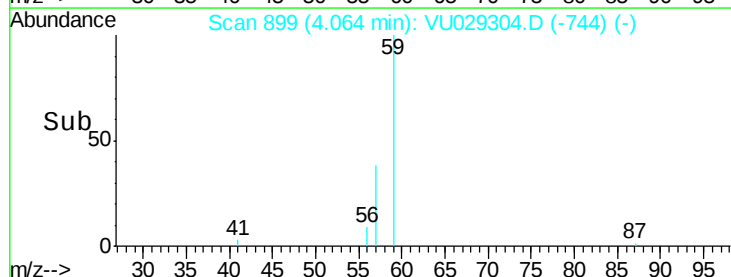
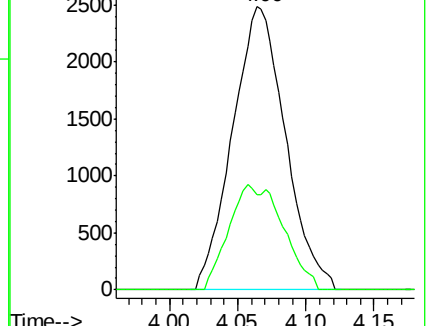
59 100

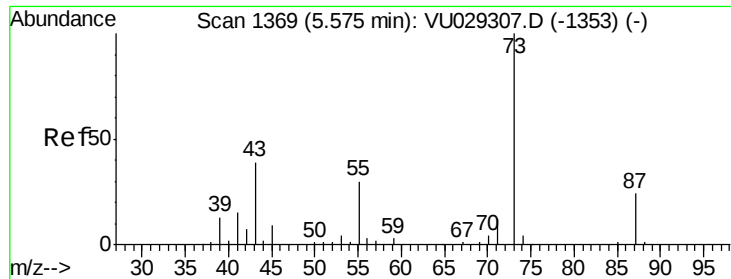
87 38.1 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

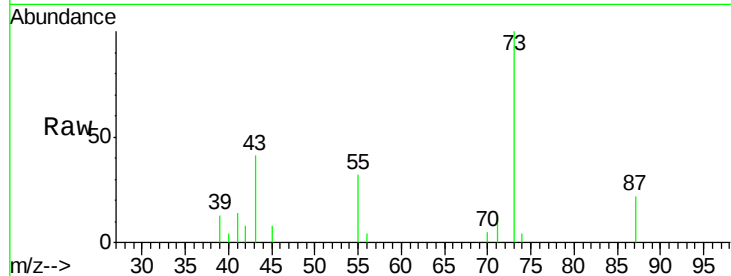




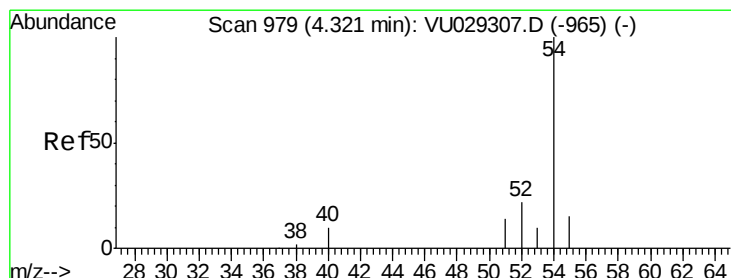
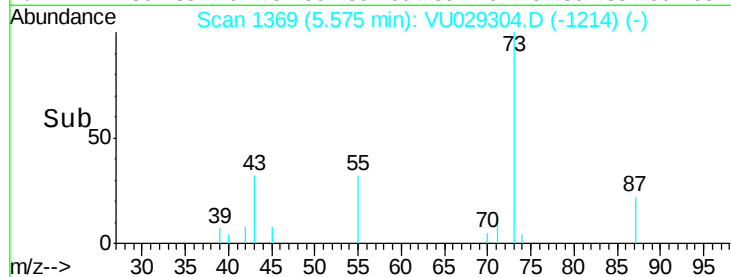
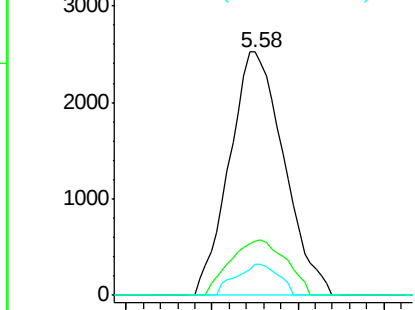
#33

Tert-Amvl methvl ether
Concen: 0.951 ug/l
RT: 5.58 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.2	19.4	29.0
71	9.9	9.0	13.4



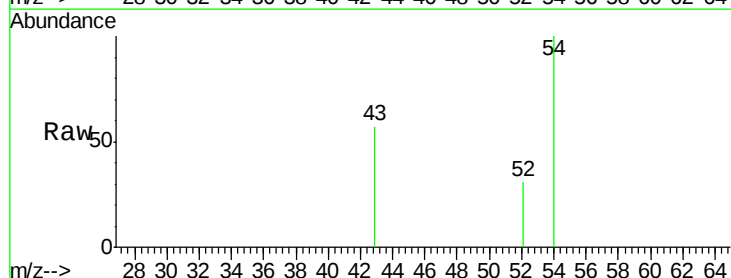
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



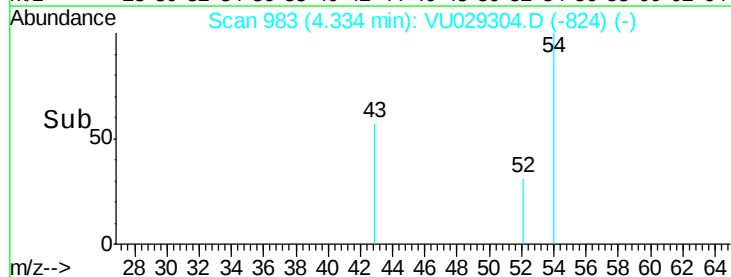
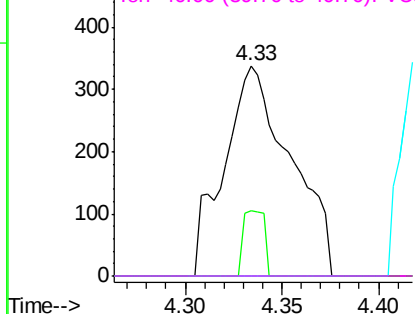
#34

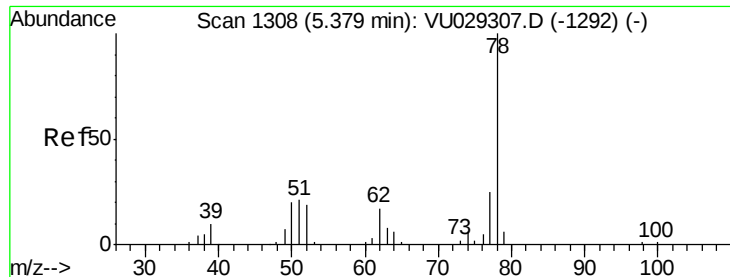
Propionitrile
Concen: 3.931 ug/l
RT: 4.33 min Scan# 983
Delta R.T. 0.01 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion	Ratio	Lower	Upper
54	100		
52	9.9	18.9	28.3#
55	130.7	15.1	22.7#
40	13.5	7.2	10.8#



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





#35

Benzene

Concen: 0.971 ug/l

RT: 5.38 min Scan# 1309

Delta R.T. 0.00 min

Lab File: VU029304.D

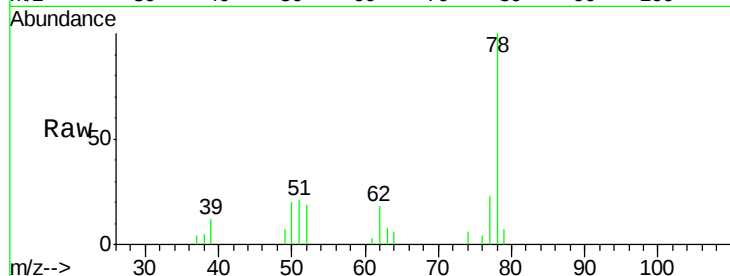
Acq: 29 Jan 2019 17:06

Tot Ion: 78 Resp: 9354

Ion Ratio Lower Upper

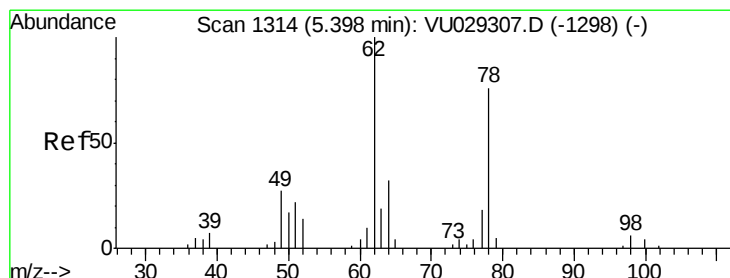
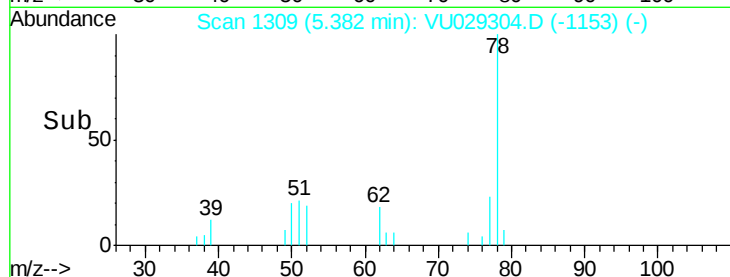
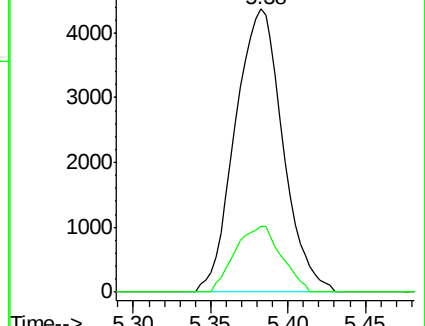
78 100

77 23.2 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: 0.978 ug/l

RT: 5.40 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU029304.D

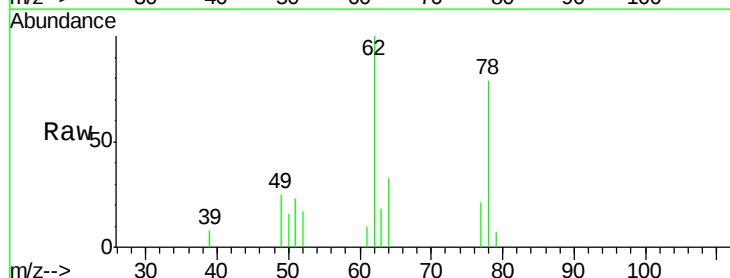
Acq: 29 Jan 2019 17:06

Tgt Ion: 62 Resp: 3932

Ion Ratio Lower Upper

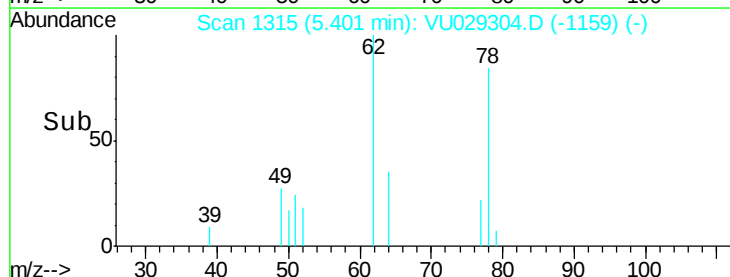
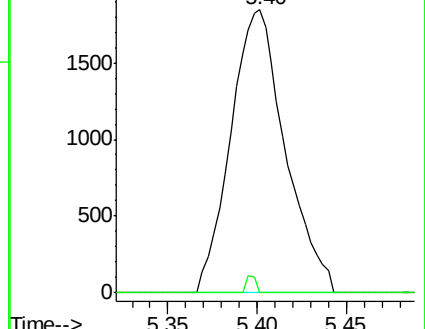
62 100

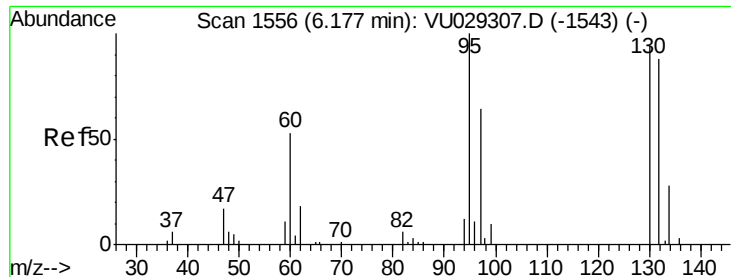
98 1.1 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

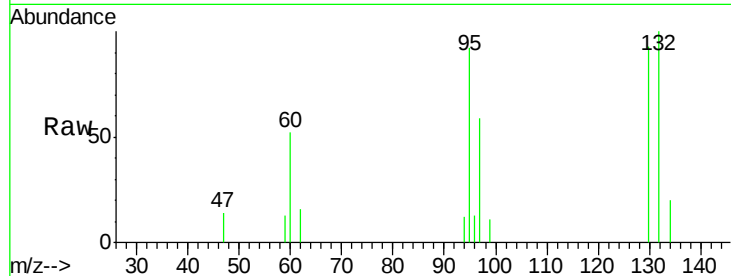
Ion 98.00 (97.70 to 98.70): VU0



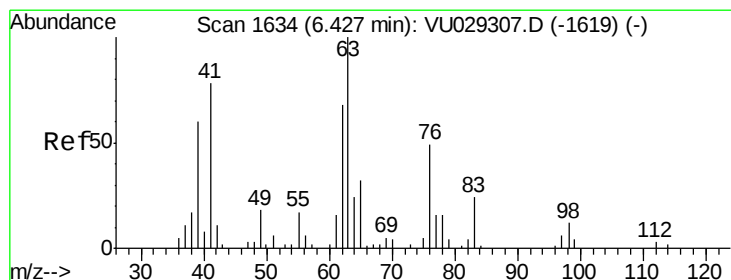
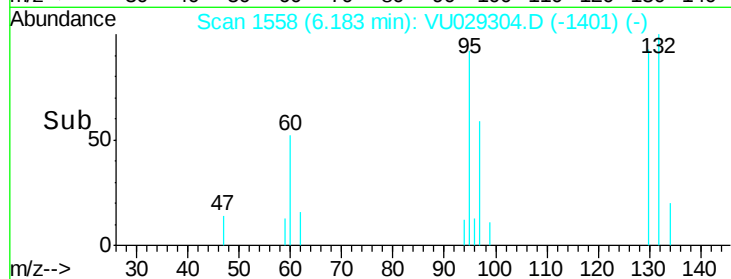
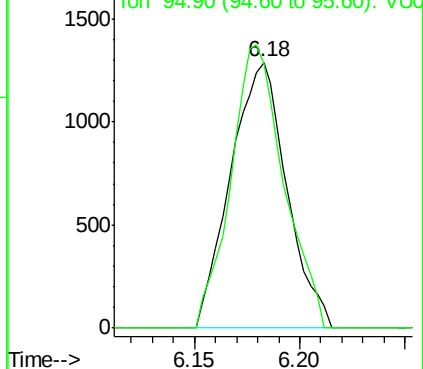


#37
 Trichloroethene
 Concen: 1.018 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion:130 Resp: 2378
 Ion Ratio Lower Upper
 130 100
 95 99.6 85.4 128.0

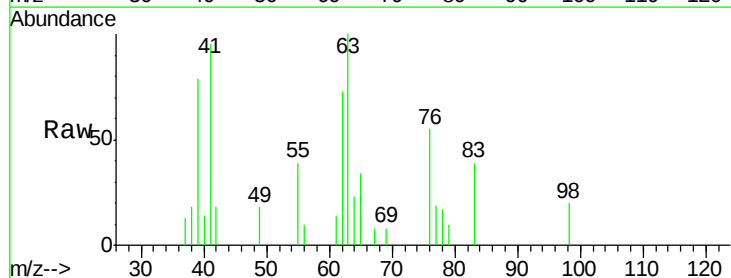


Abundance Ion 129.90 (129.60 to 130.60): VU029304.D (-1401) (-)
 Ion 94.90 (94.60 to 95.60): VU029304.D (-1401) (-)

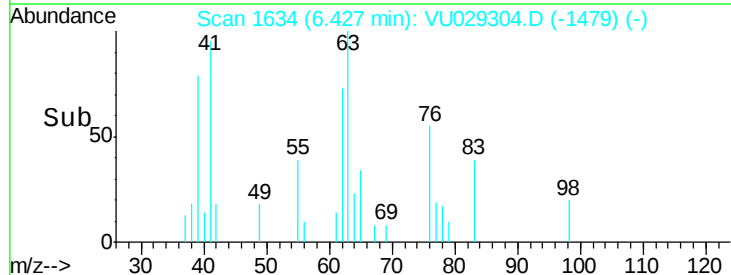
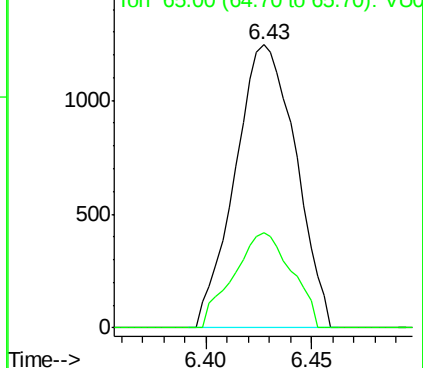


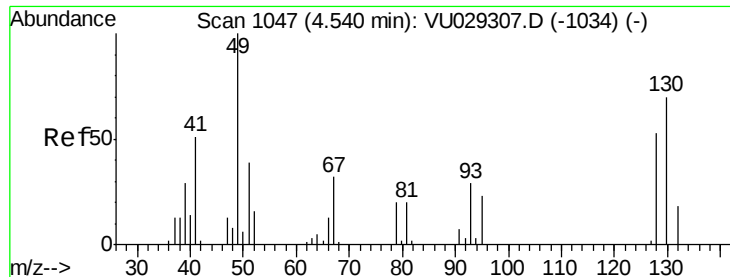
#38
 1,2-Dichloropropane
 Concen: 0.934 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 63 Resp: 2489
 Ion Ratio Lower Upper
 63 100
 65 33.5 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029304.D (-1479) (-)
 Ion 65.00 (64.70 to 65.70): VU029304.D (-1479) (-)





#39

Methacrylonitrile

Concen: 0.801 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tot Ion: 41 Resp: 783

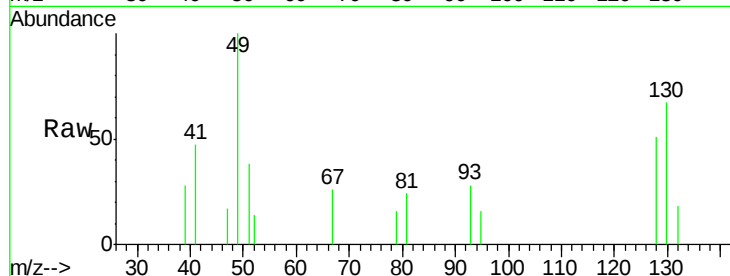
Ion Ratio Lower Upper

41 100

67 61.7 50.1 75.1

39 48.0 47.9 71.9

52 7.9 24.8 37.2#

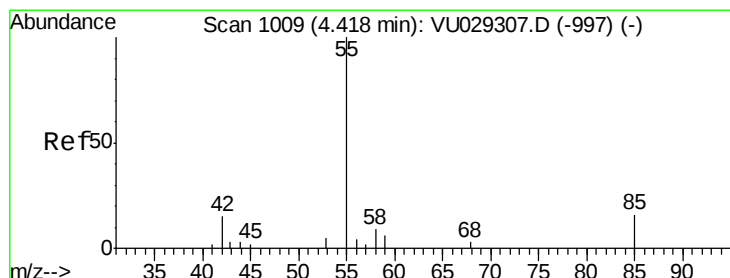
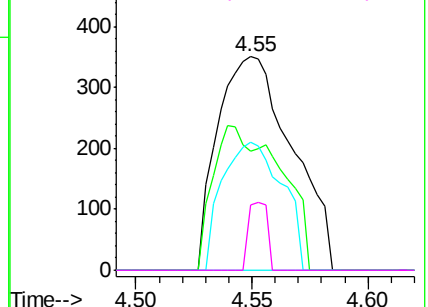
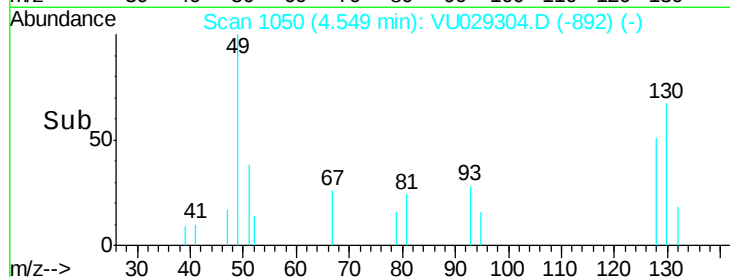


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 0.774 ug/l

RT: 4.43 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt Ion: 55 Resp: 1055

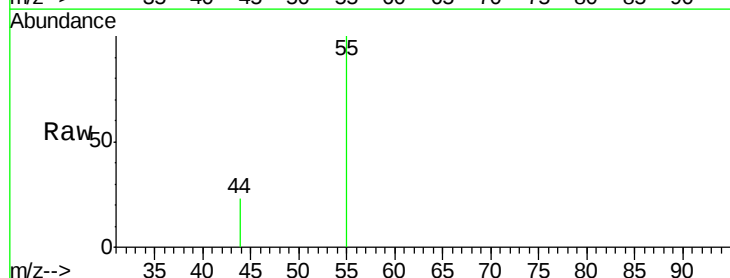
Ion Ratio Lower Upper

55 100

85 0.0 11.3 16.9#

58 0.0 6.2 9.4#

42 13.1 10.1 15.1

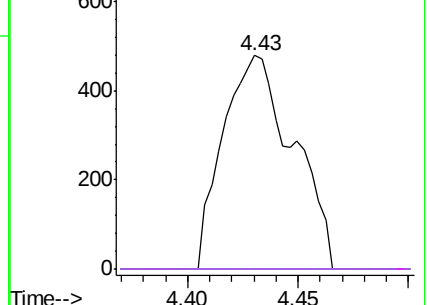
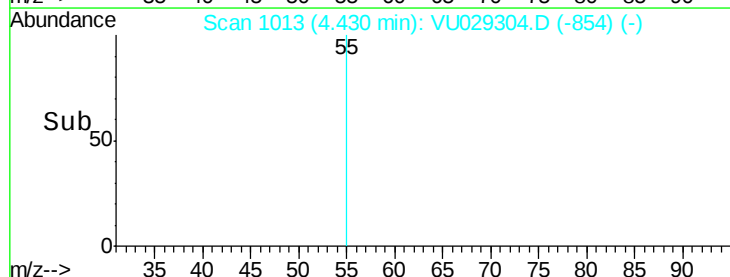


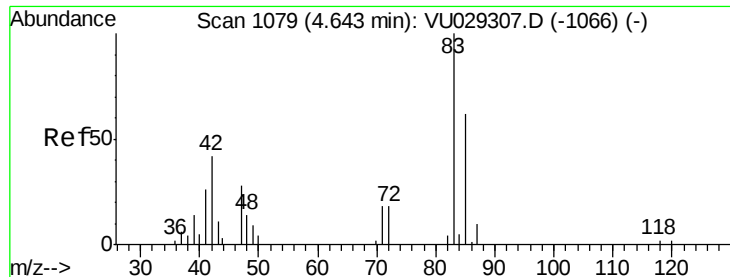
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 1.571 ug/l

RT: 4.65 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

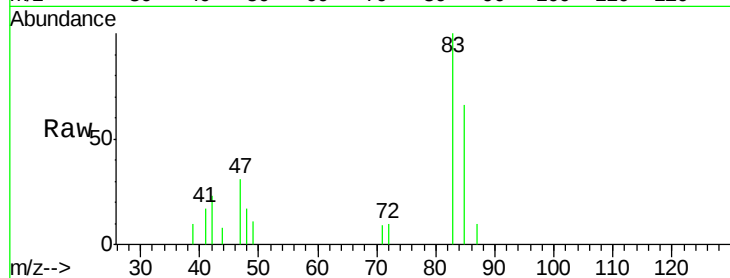
Tot Ion: 42 Resp: 760

Ion Ratio Lower Upper

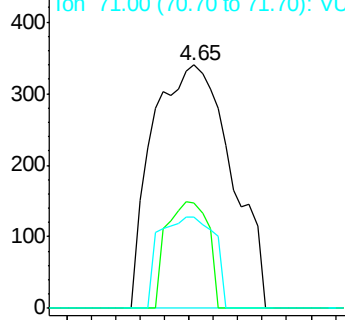
42 100

72 23.2 33.1 49.7#

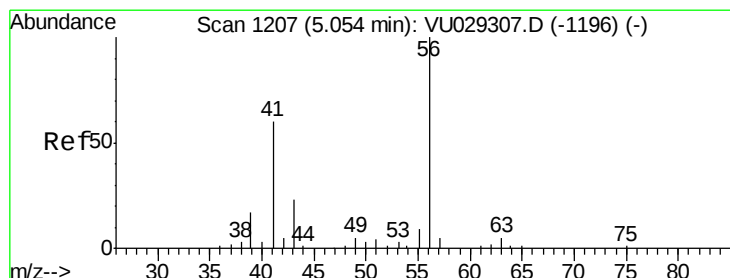
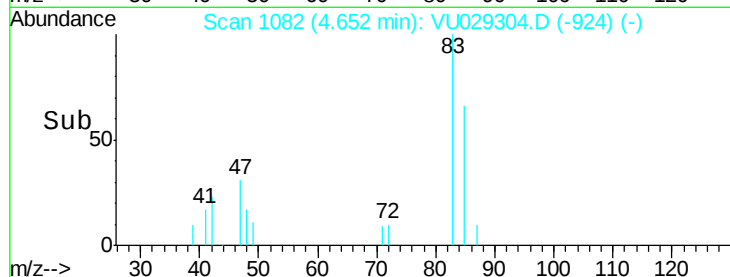
71 26.2 30.2 45.2#



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



Time-->



#42

1-Chlorobutane

Concen: 0.968 ug/l

RT: 5.06 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU029304.D

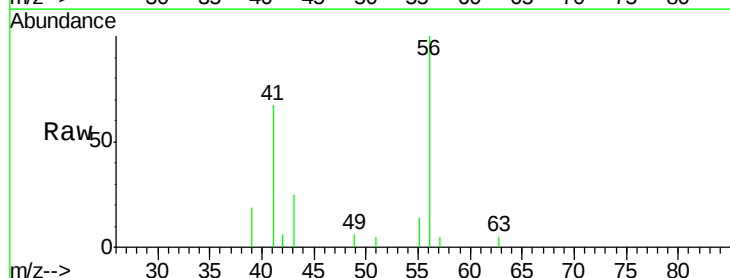
Acq: 29 Jan 2019 17:06

Tgt Ion: 56 Resp: 5317

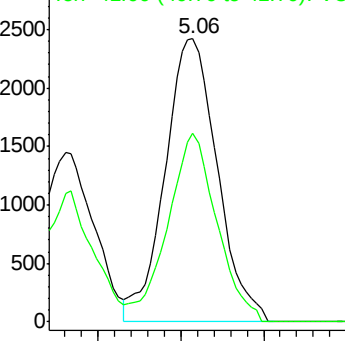
Ion Ratio Lower Upper

56 100

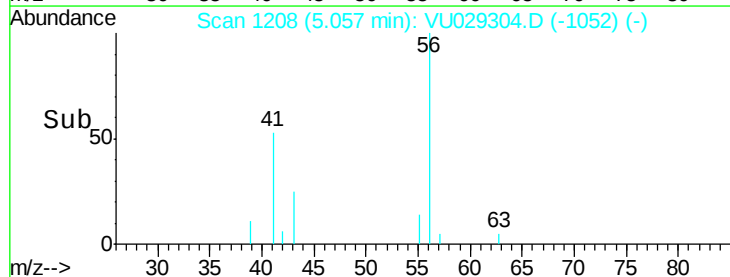
41 62.3 31.3 93.8

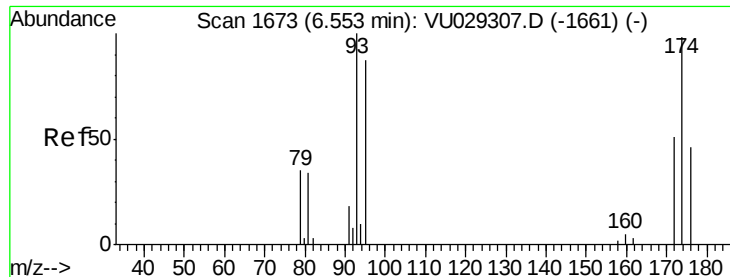


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0



Time-->





#43

Dibromomethane

Concen: 0.918 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

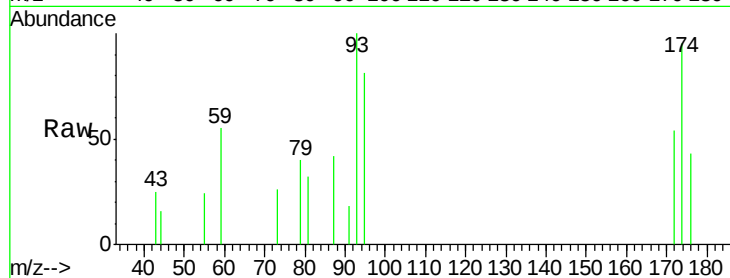
Tot Ion: 93 Resp: 1241

Ion Ratio Lower Upper

93 100

95 81.5 68.2 102.2

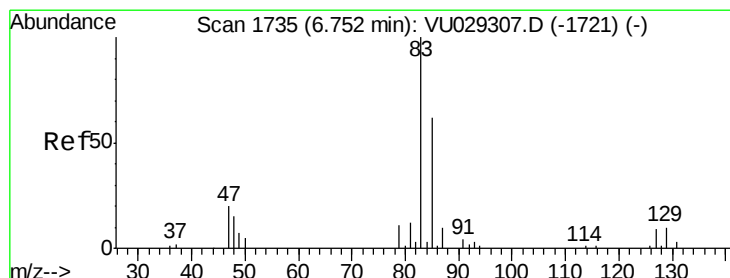
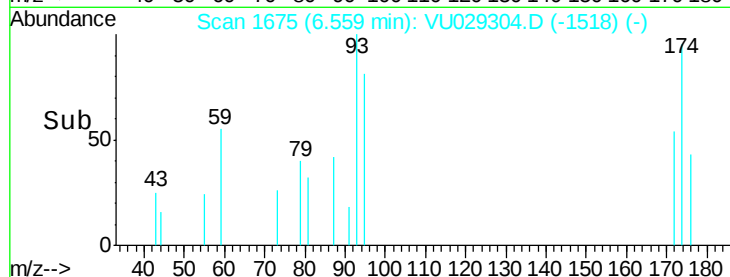
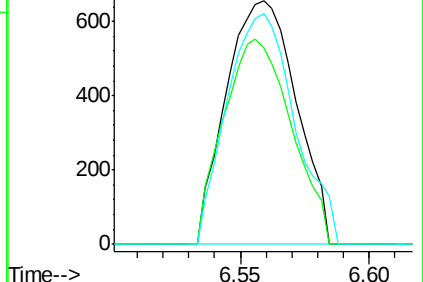
174 91.9 77.6 116.4



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: 0.975 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

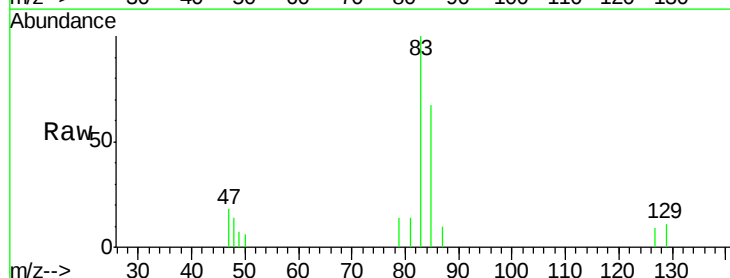
Tgt Ion: 83 Resp: 3751

Ion Ratio Lower Upper

83 100

85 66.8 49.2 73.8

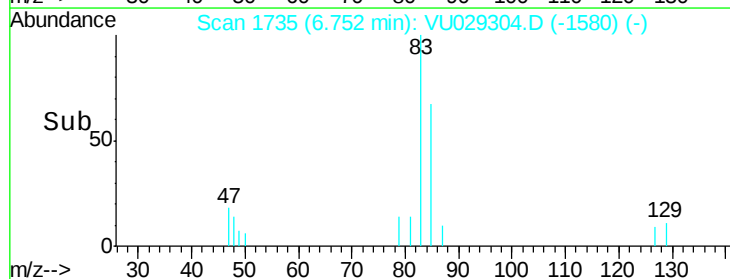
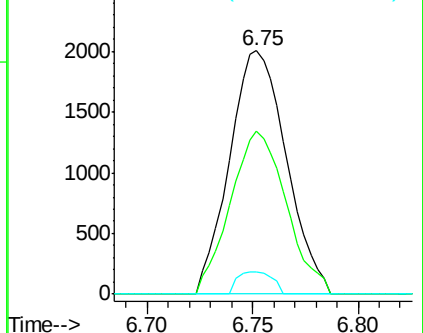
127 9.1 7.0 10.6

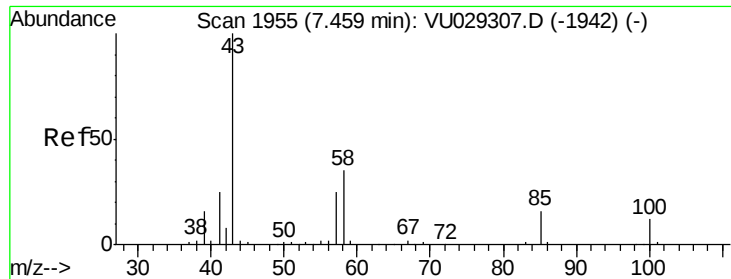


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V





#45

4-Methyl-2-Pentanone

Concen: 4.412 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

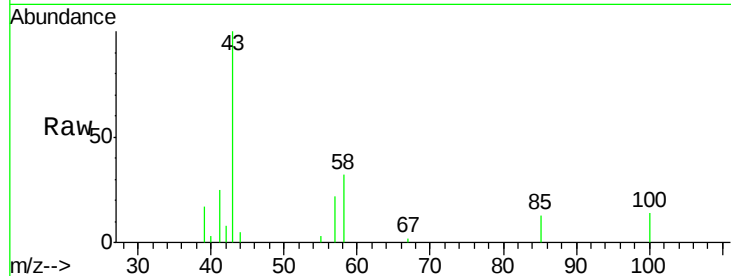
Tot Ion: 43 Resp: 8347

Ion Ratio Lower Upper

43 100

58 33.8 17.6 52.8

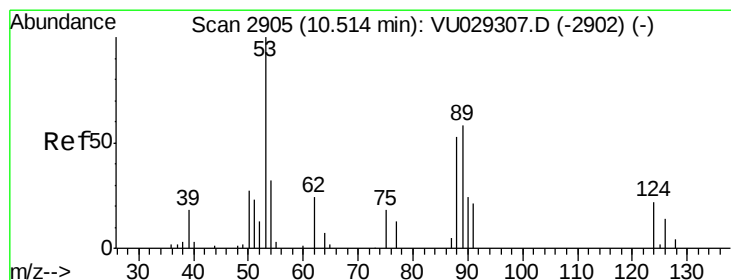
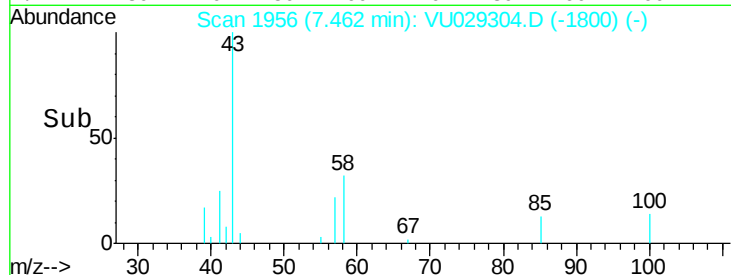
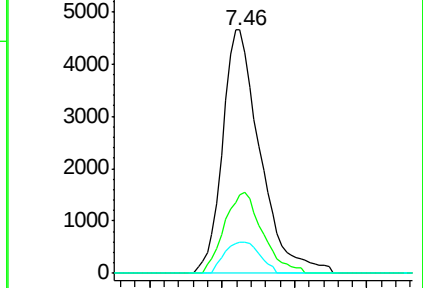
85 11.9 12.3 18.5#



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: 1.519 ug/l m

RT: 10.52 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt Ion: 75 Resp: 1000

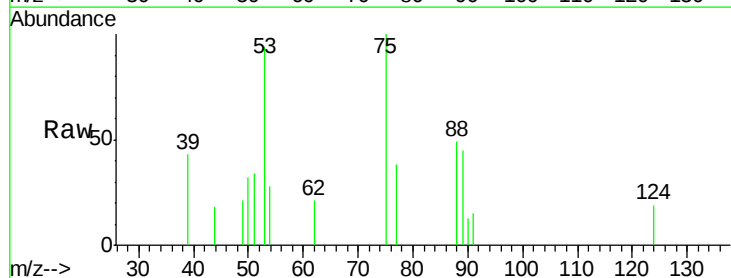
Ion Ratio Lower Upper

75 100

53 111.8 78.2 117.4

89 53.8 44.2 66.4

88 58.8 41.4 62.2

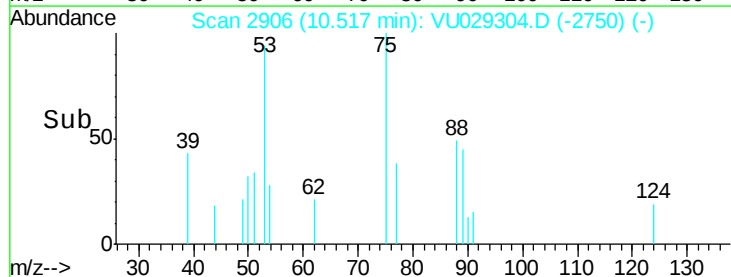
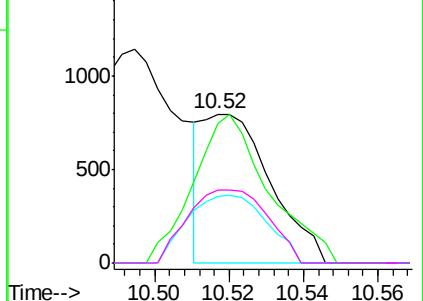


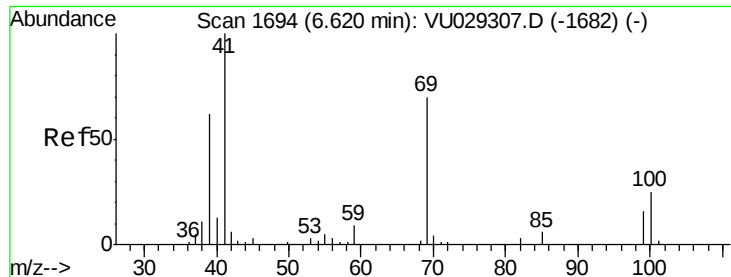
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 1.845 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tot Ion: 69 Resp: 2119

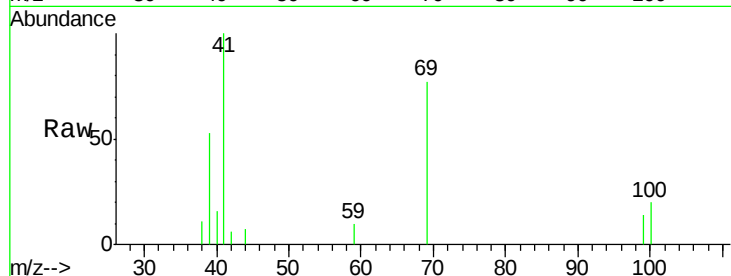
Ion	Ratio	Lower	Upper
69	100		
41	143.5	0.0	296.2
39	81.5	71.2	106.8
100	29.2	28.6	42.8

69 100

41 143.5 0.0 296.2

39 81.5 71.2 106.8

100 29.2 28.6 42.8



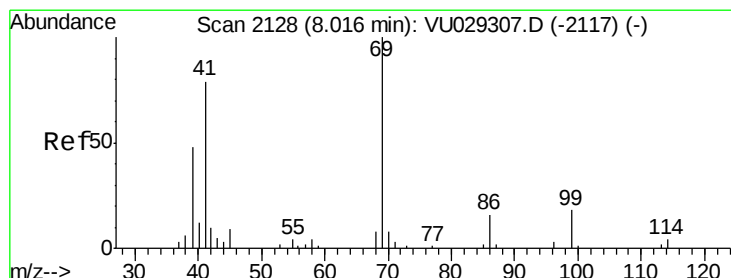
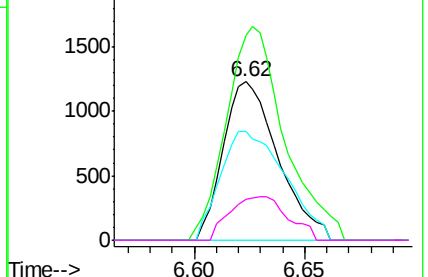
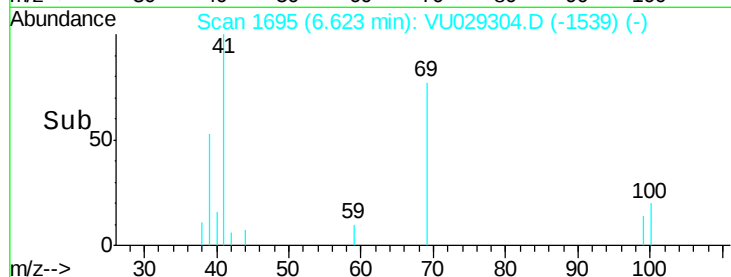
Abundance Ion 69.00 (68.70 to 69.70): VU0

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-->



#48

Ethyl methacrylate

Concen: 0.858 ug/l

RT: 8.02 min Scan# 2130

Delta R.T. 0.01 min

Lab File: VU029304.D

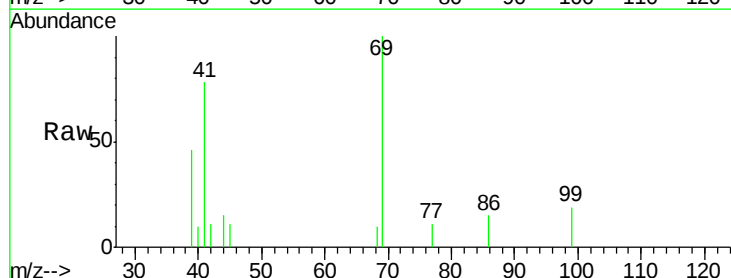
Acq: 29 Jan 2019 17:06

Tgt Ion: 69 Resp: 1880

Ion	Ratio	Lower	Upper
69	100		
41	73.1	39.9	119.7

69 100

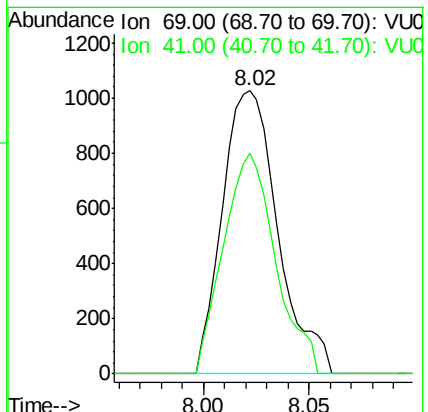
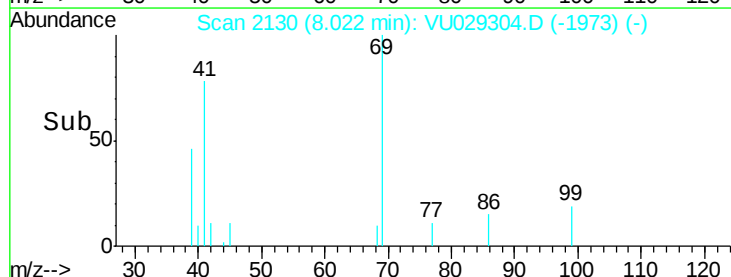
41 73.1 39.9 119.7

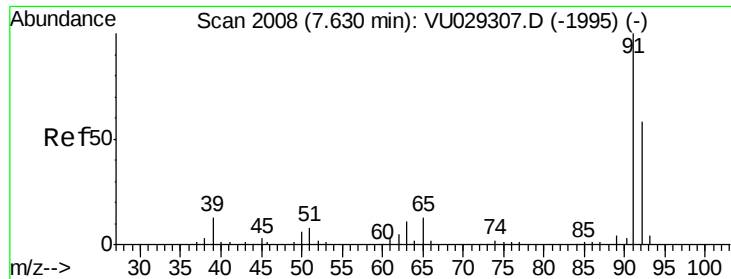


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Time-->





#49

Toluene

Concen: 0.920 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029304.D

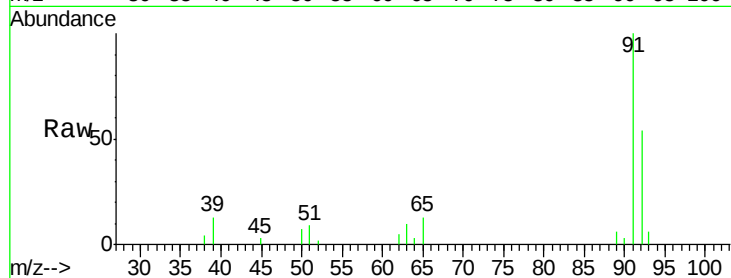
Acq: 29 Jan 2019 17:06

Tot Ion: 92 Resp: 5111

Ion Ratio Lower Upper

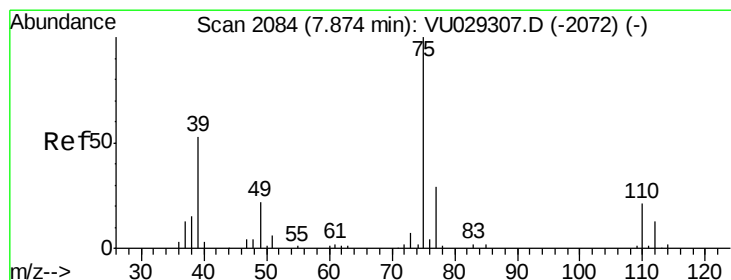
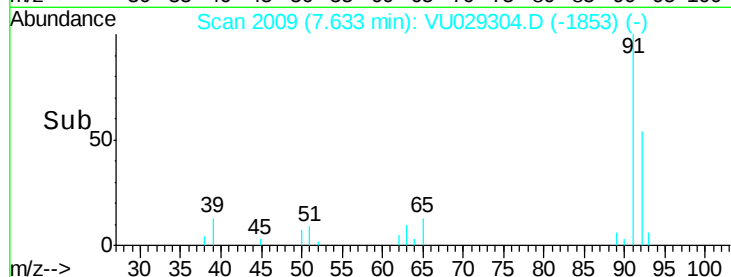
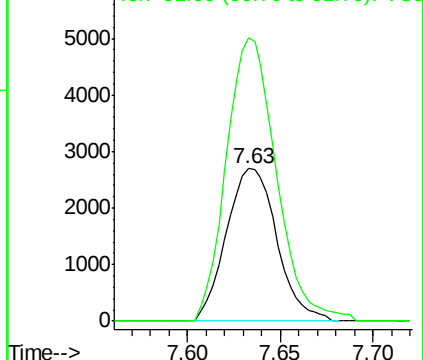
92 100

91 183.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.01 min

Lab File: VU029304.D

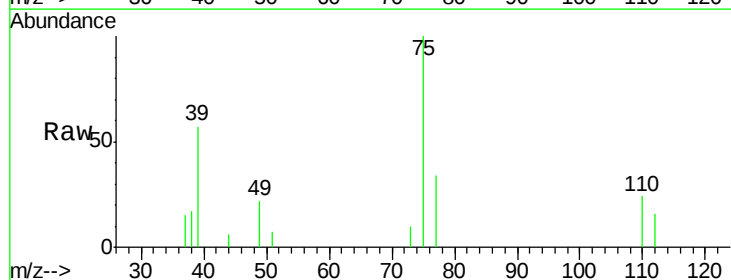
Acq: 29 Jan 2019 17:06

Tgt Ion: 75 Resp: 3033

Ion Ratio Lower Upper

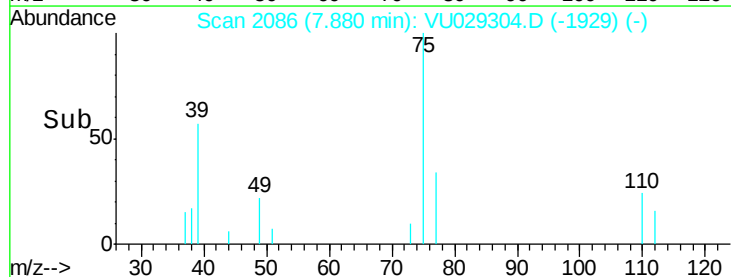
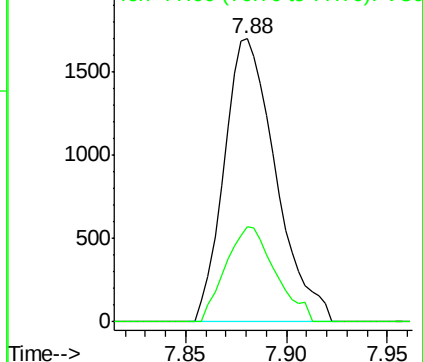
75 100

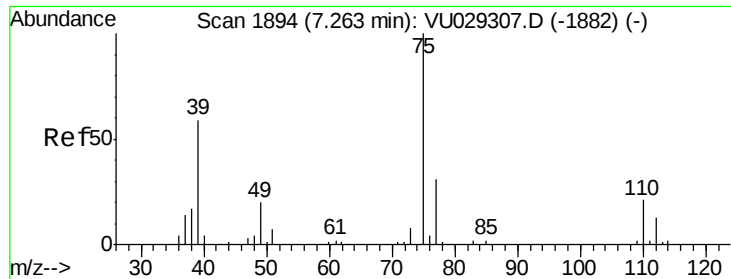
77 33.6 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

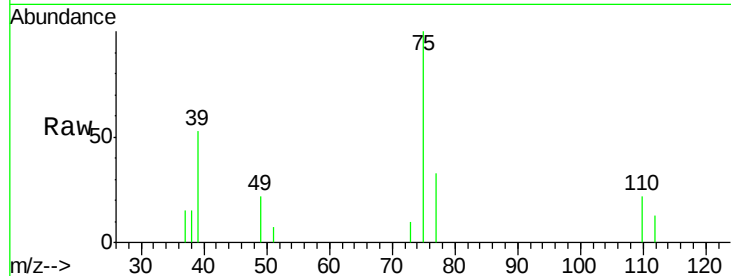




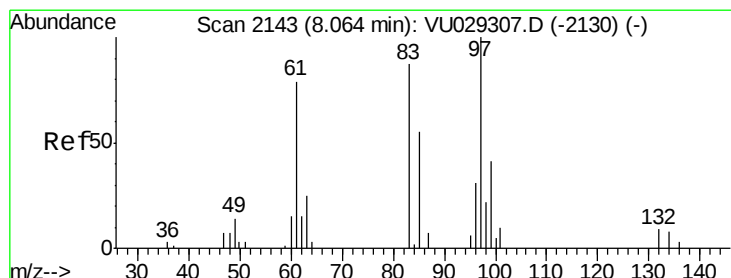
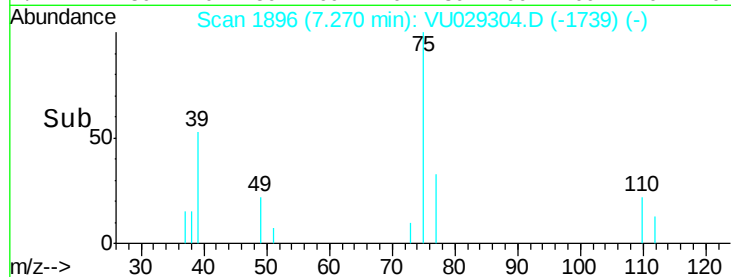
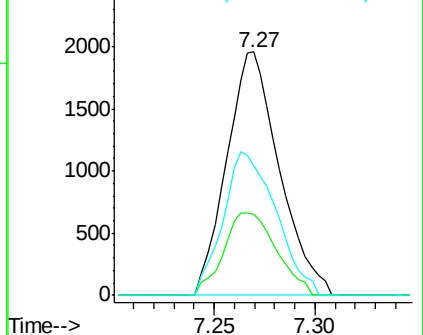
#51

cis-1,3-Dichloropropene
 Concen: 0.962 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.9	37.3
39	53.1	47.2	70.8



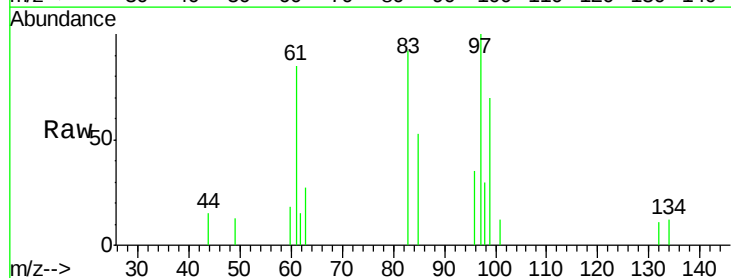
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



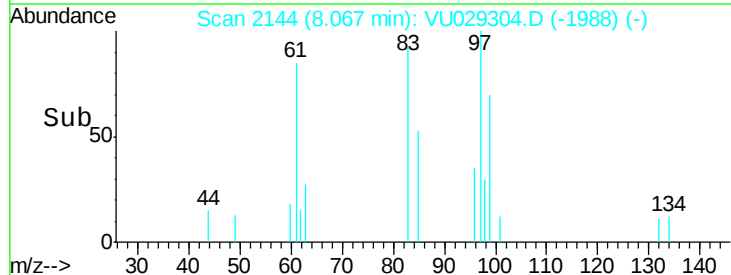
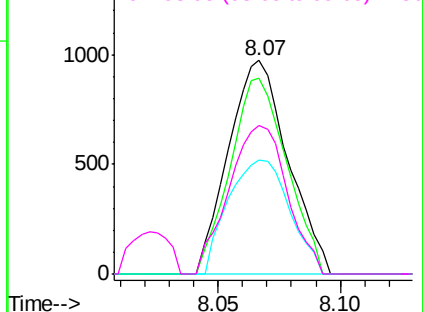
#52

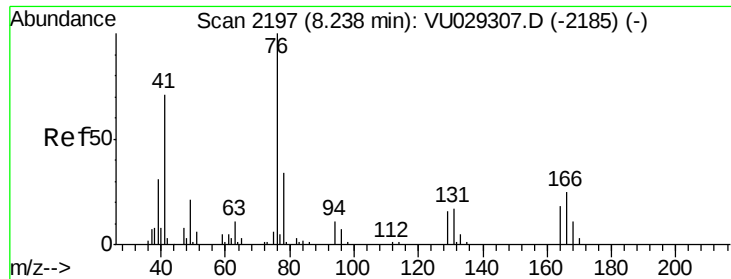
1,1,2-Trichloroethane
 Concen: 0.935 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.9	69.9	104.9
85	53.1	45.8	68.6
99	69.7	50.2	75.2



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





#53

1,3-Dichloropropane

Concen: 0.950 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU029304.D

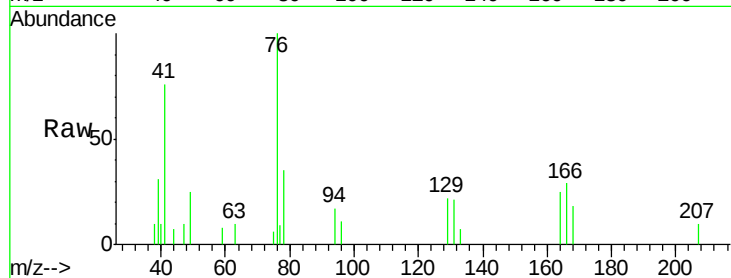
Acq: 29 Jan 2019 17:06

Tot Ion: 76 Resp: 3124

Ion Ratio Lower Upper

76 100

78 30.2 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

8.24

2000

1500

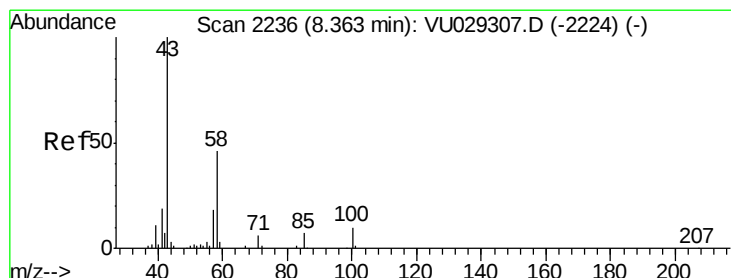
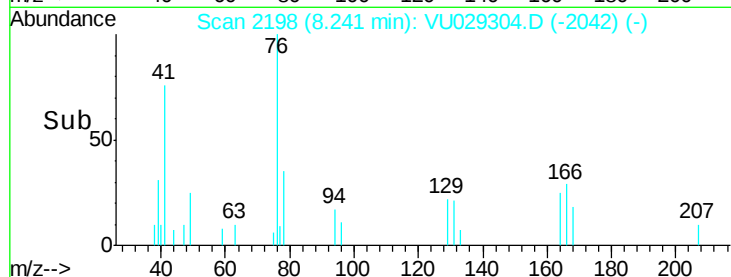
1000

500

0

8.20 8.25 8.30

Time-->



#54

2-Hexanone

Concen: 4.649 ug/l

RT: 8.37 min Scan# 2237

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

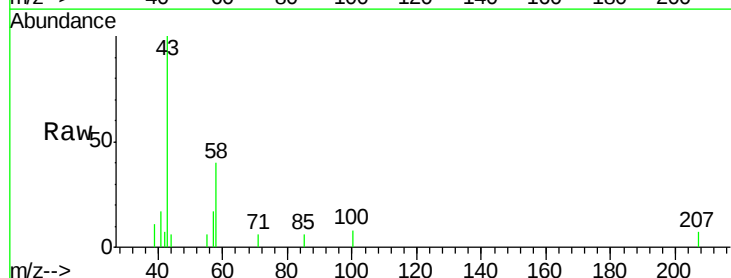
Tgt Ion: 43 Resp: 6061

Ion Ratio Lower Upper

43 100

58 41.1 26.0 66.0

57 15.1 0.0 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

8.37

4000

3000

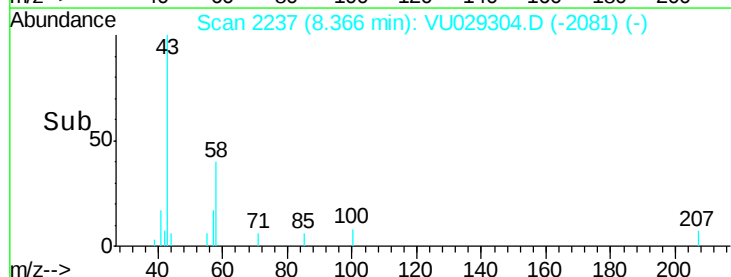
2000

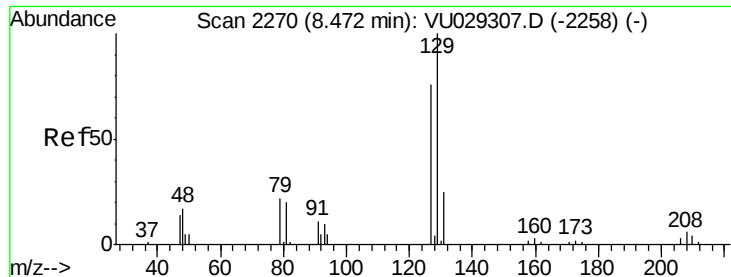
1000

0

8.30 8.35 8.40 8.45

Time-->





#55

Dibromochloromethane

Concen: 1.032 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU029304.D

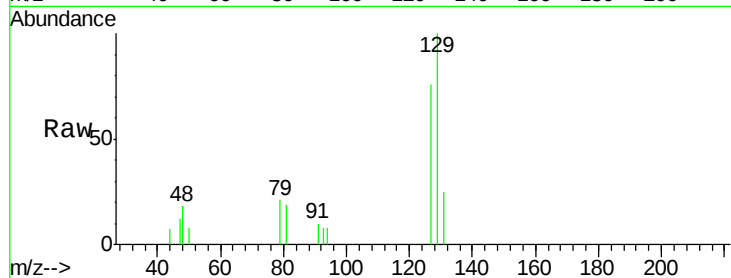
Acq: 29 Jan 2019 17:06

Tot Ion:129 Resp: 2350

Ion Ratio Lower Upper

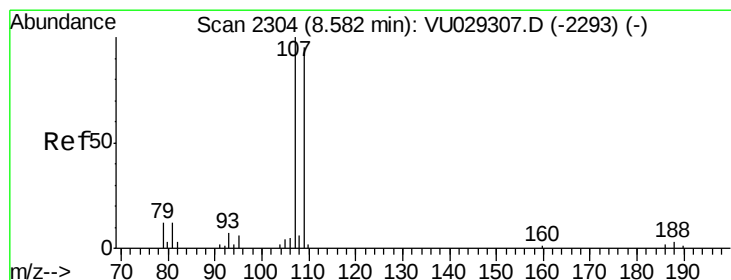
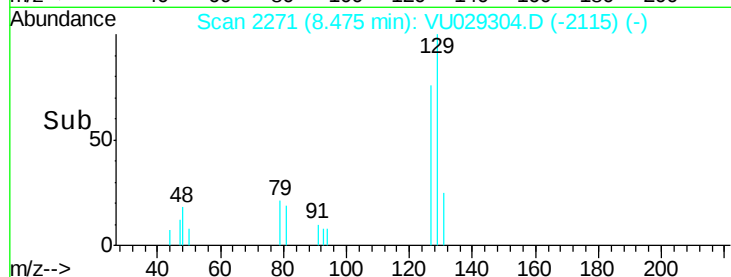
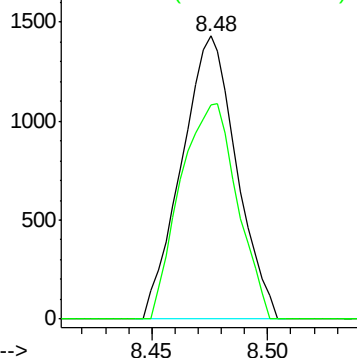
129 100

127 78.6 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: 0.995 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029304.D

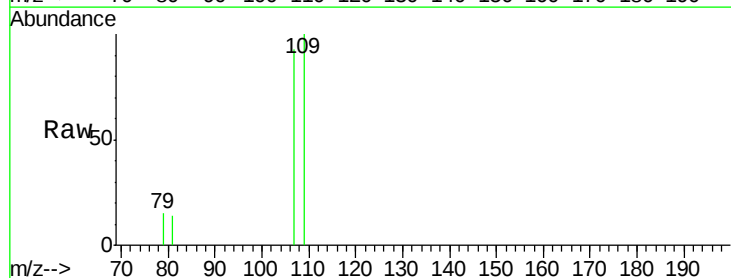
Acq: 29 Jan 2019 17:06

Tgt Ion:107 Resp: 1581

Ion Ratio Lower Upper

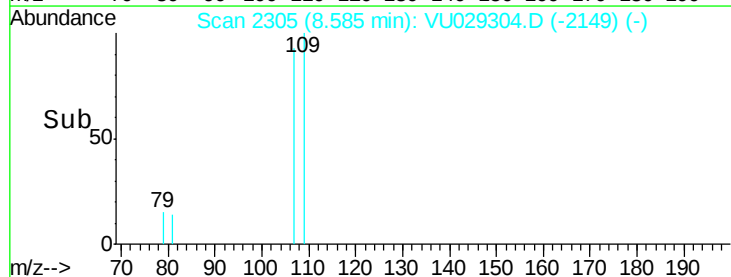
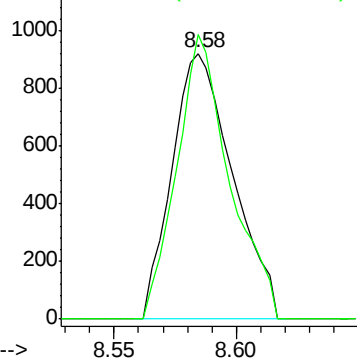
107 100

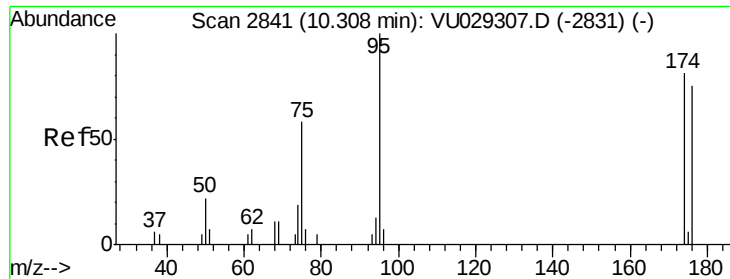
109 92.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

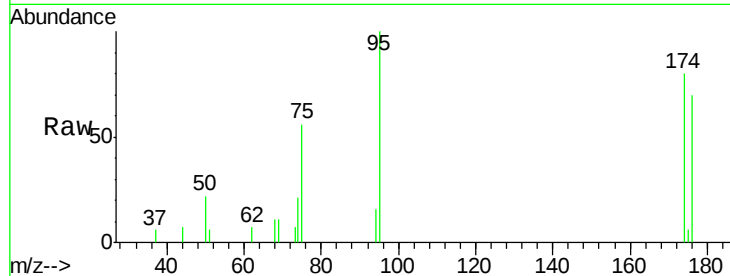
Ion 109.00 (108.70 to 109.70): V





#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

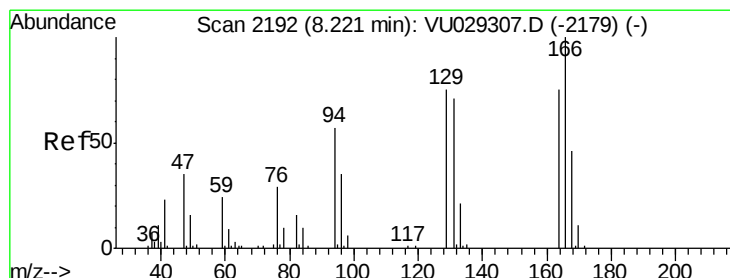
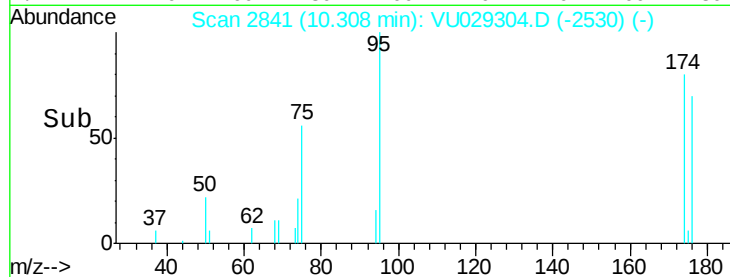
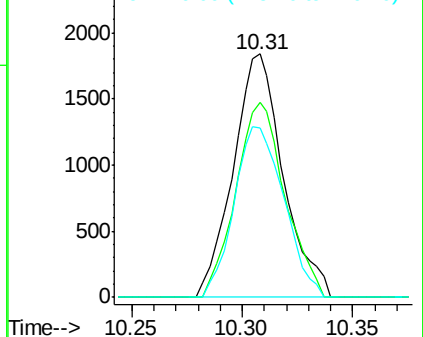
Tot Ion	95	Resp	2900
Ion	Ratio	Lower	Upper
95	100		
174	78.5	64.2	96.2
176	69.6	62.3	93.5



Abundance Ion 95.00 (94.70 to 95.70): VU029304.D (-2530) (-)

Ion 174.00 (173.70 to 174.70): VU029304.D (-2530) (-)

Ion 176.00 (175.70 to 176.70): VU029304.D (-2530) (-)



#58
Tetrachloroethene
Concen: 1.029 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

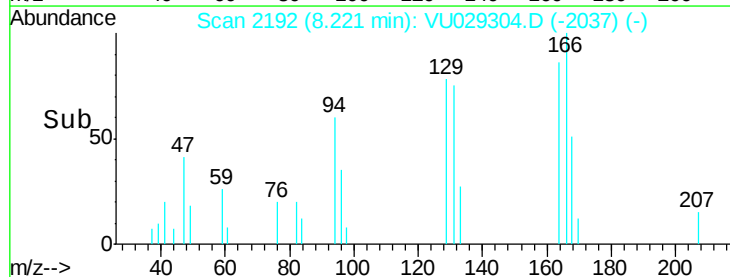
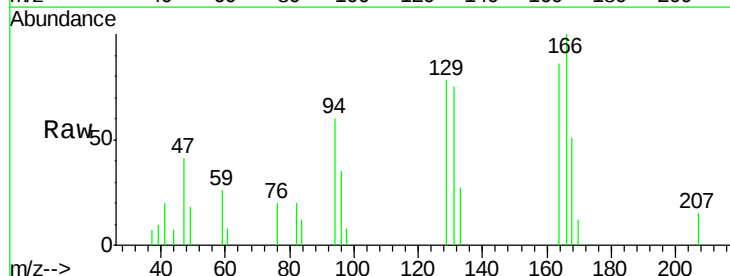
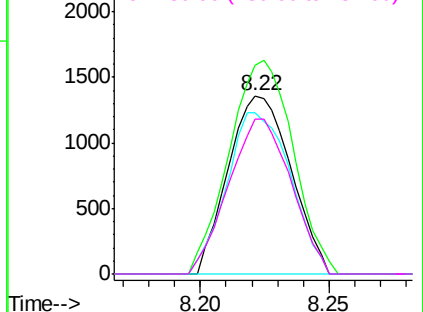
Tgt Ion	164	Resp	2300
Ion	Ratio	Lower	Upper
164	100		
166	116.9	106.6	159.8
129	90.9	79.9	119.9
131	87.1	75.8	113.8

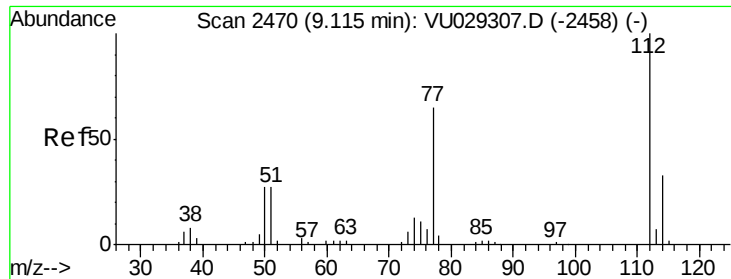
Abundance Ion 163.85 (163.55 to 164.55): VU029304.D (-2037) (-)

Ion 165.80 (165.50 to 166.50): VU029304.D (-2037) (-)

Ion 128.90 (128.60 to 129.60): VU029304.D (-2037) (-)

Ion 130.90 (130.60 to 131.60): VU029304.D (-2037) (-)





#59

Chlorobenzene

Concen: 0.979 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029304.D

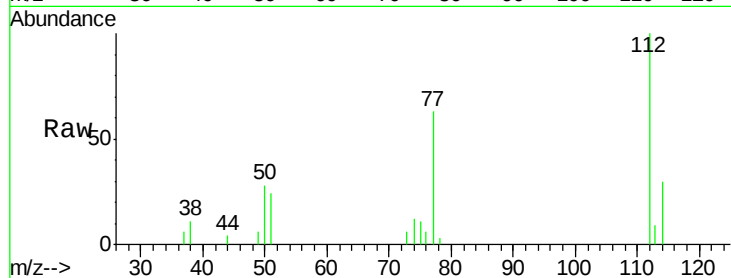
Acq: 29 Jan 2019 17:06

Tot Ion:112 Resp: 5796

Ion Ratio Lower Upper

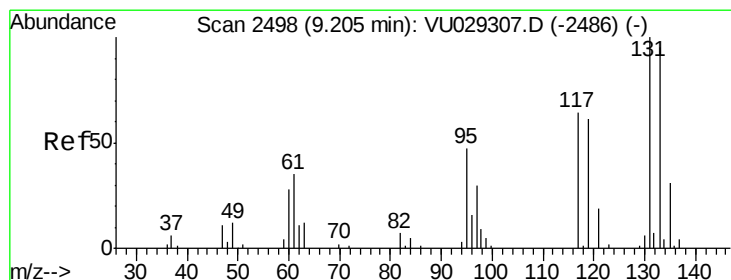
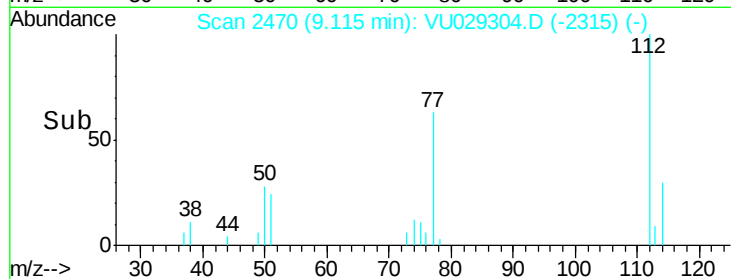
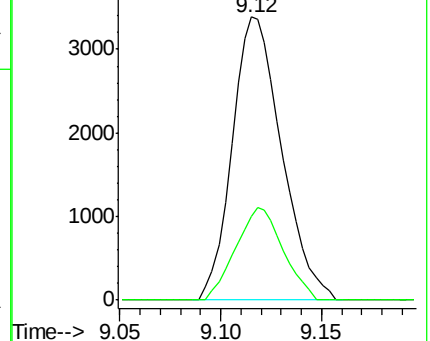
112 100

114 29.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.988 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

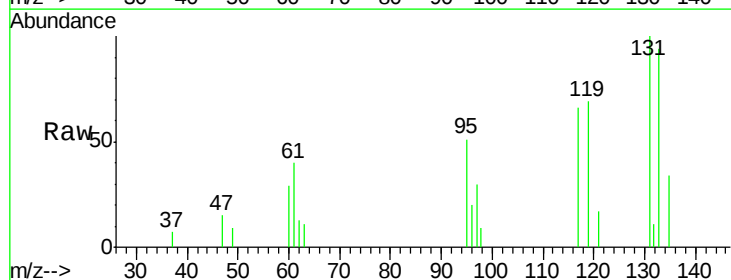
Tgt Ion:131 Resp: 2424

Ion Ratio Lower Upper

131 100

133 98.2 77.3 115.9

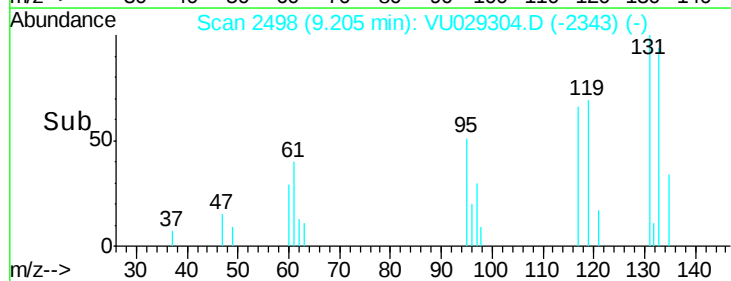
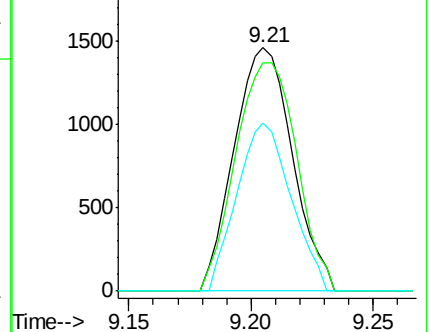
119 64.0 48.9 73.3

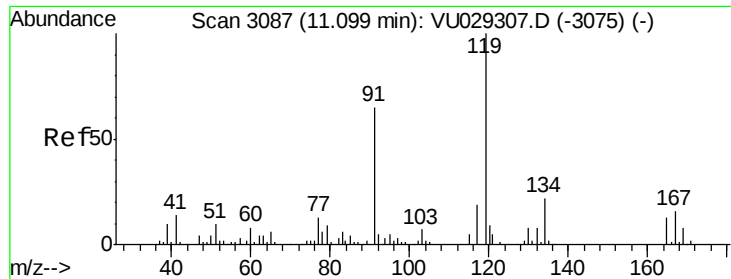


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

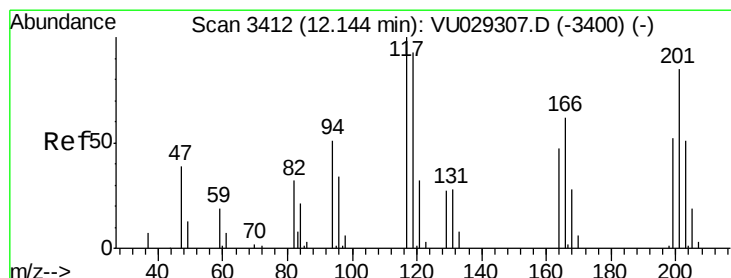
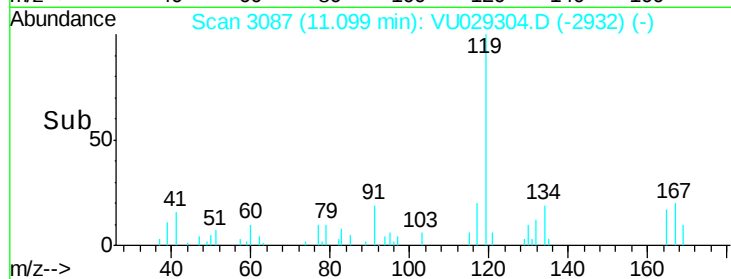
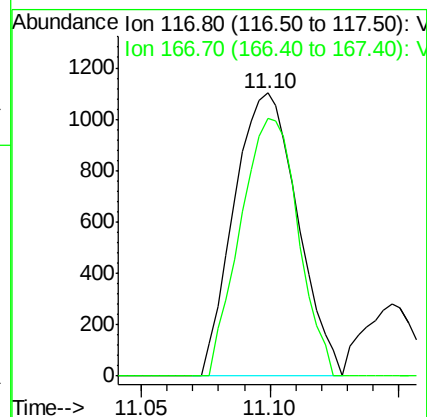
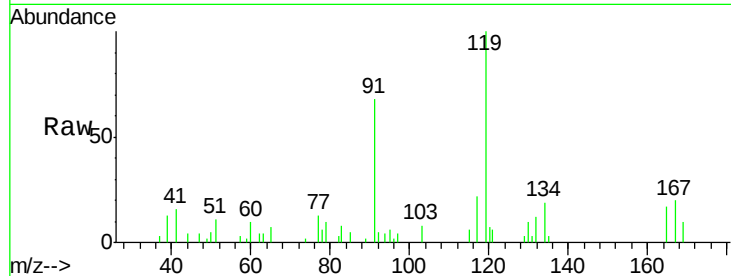
Ion 119.00 (118.70 to 119.70): V





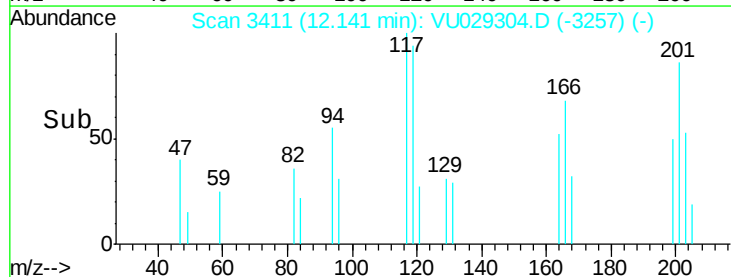
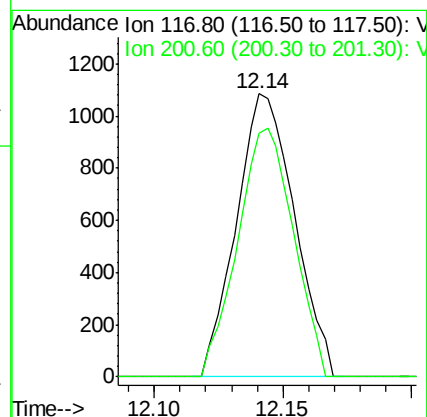
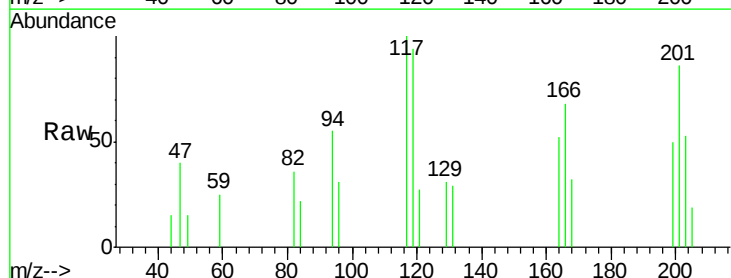
#61
 Pentachloroethane
 Concen: 1.016 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

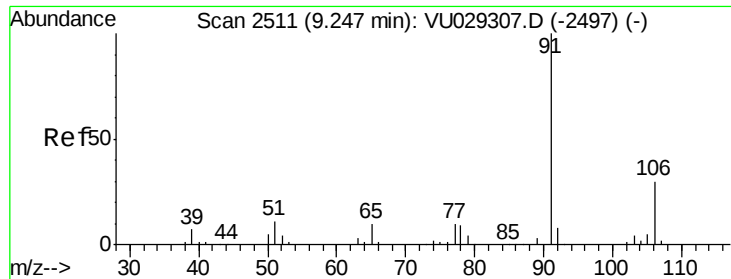
Tot Ion:117 Resp: 1890
 Ion Ratio Lower Upper
 117 100
 167 83.1 65.9 98.9



#62
 Hexachloroethane
 Concen: 0.902 ug/l
 RT: 12.14 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:117 Resp: 1702
 Ion Ratio Lower Upper
 117 100
 201 84.5 68.2 102.2





#63

Ethyl Benzene

Concen: 0.890 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029304.D

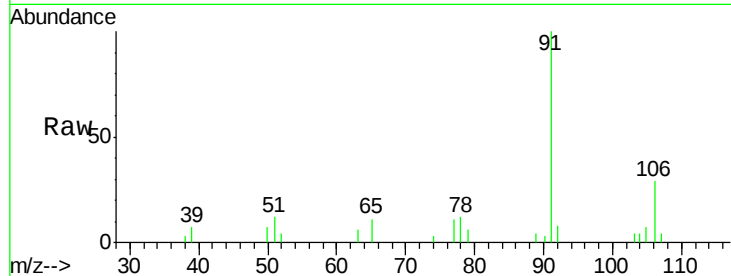
Acq: 29 Jan 2019 17:06

Tot Ion: 91 Resp: 9346

Ion Ratio Lower Upper

91 100

106 29.3 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU029307.D (-2497) (-)

Ion 106.00 (105.70 to 106.70): VU029307.D (-2497) (-)

9.25

6000

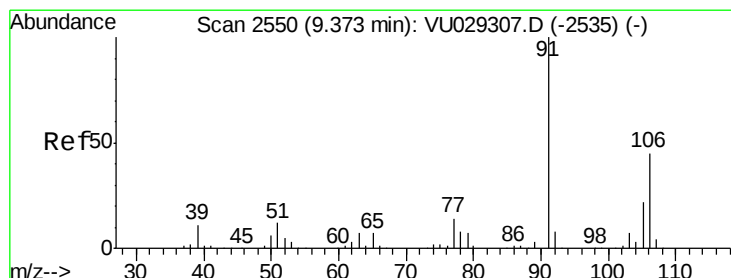
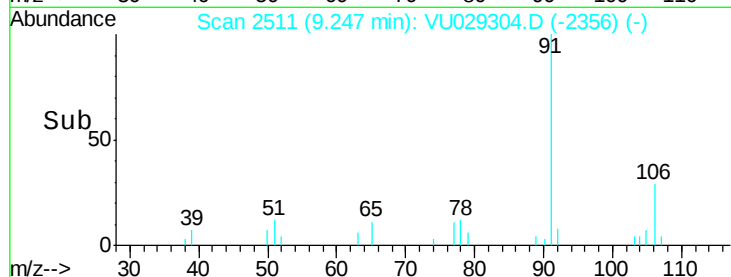
4000

2000

0

Time-->

9.20 9.25 9.30



#64

m/p-Xylenes

Concen: 1.718 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029304.D

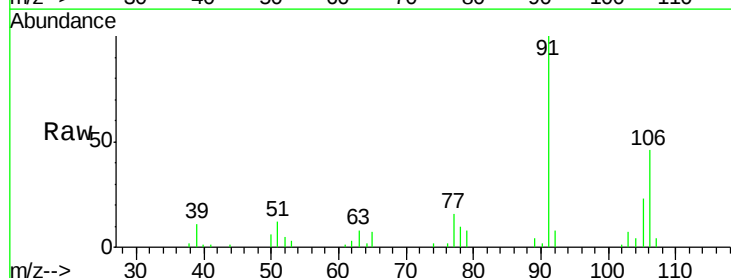
Acq: 29 Jan 2019 17:06

Tgt Ion: 106 Resp: 6813

Ion Ratio Lower Upper

106 100

91 222.0 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): VU029307.D (-2535) (-)

Ion 91.00 (90.70 to 91.70): VU029307.D (-2535) (-)

9.37

10000

8000

6000

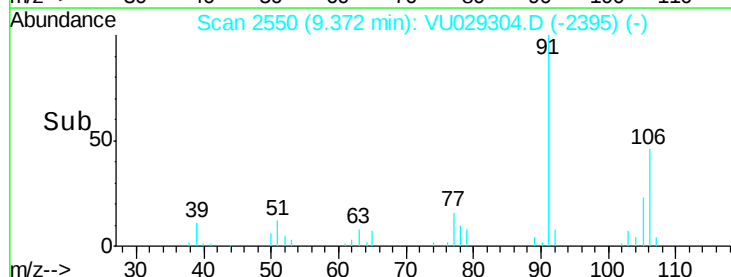
4000

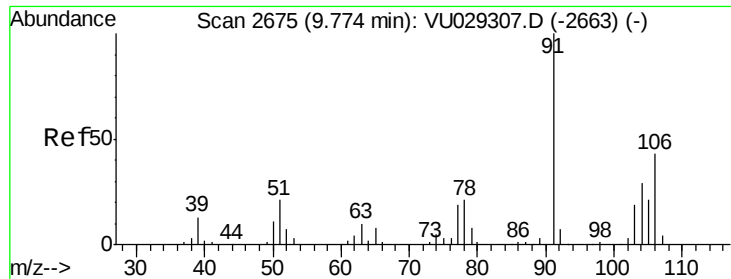
2000

0

Time-->

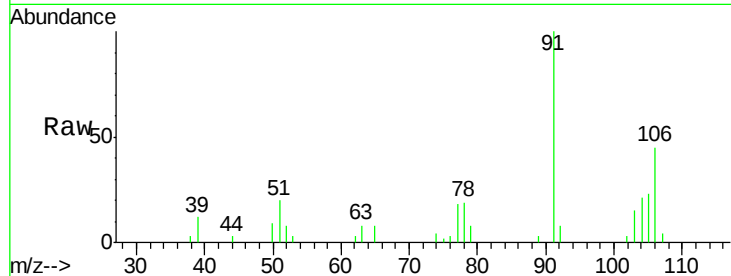
9.35 9.40



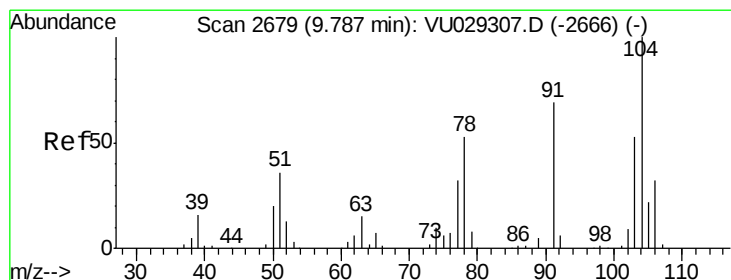
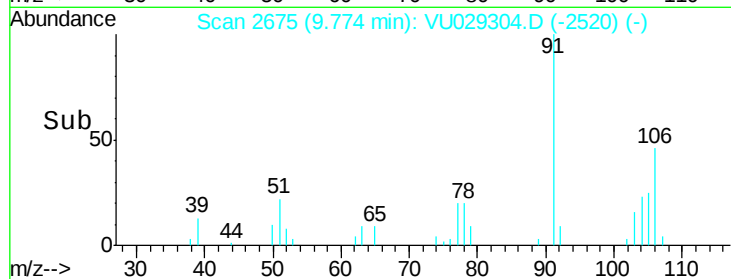
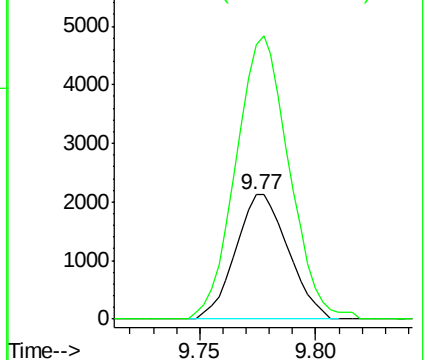


#65
o-Xylene
Concen: 0.885 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion:106 Resp: 3348
Ion Ratio Lower Upper
106 100
91 230.3 114.5 343.4

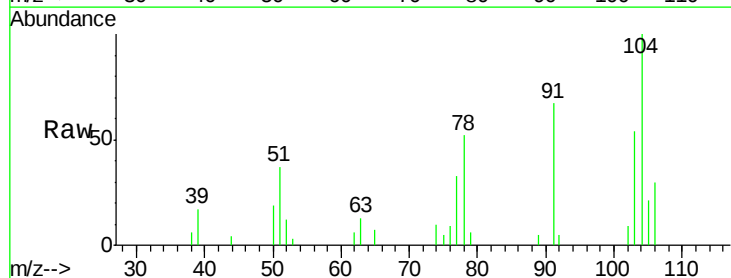


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

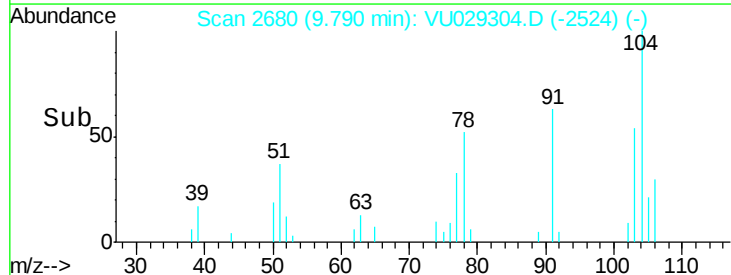
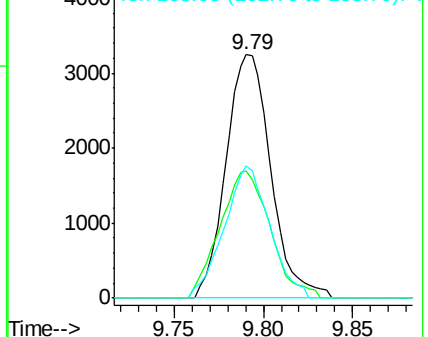


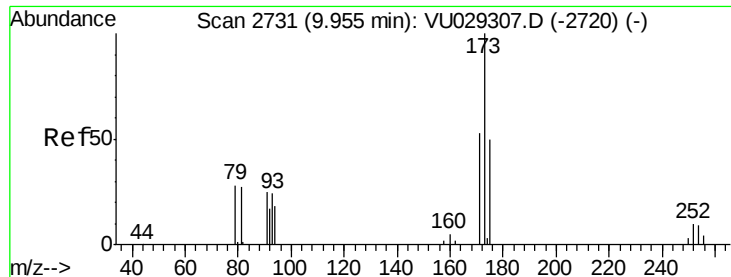
#66
Styrene
Concen: 0.867 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion:104 Resp: 5693
Ion Ratio Lower Upper
104 100
78 58.6 46.5 69.7
103 55.0 44.7 67.1



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





#67

Bromoform

Concen: 0.989 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

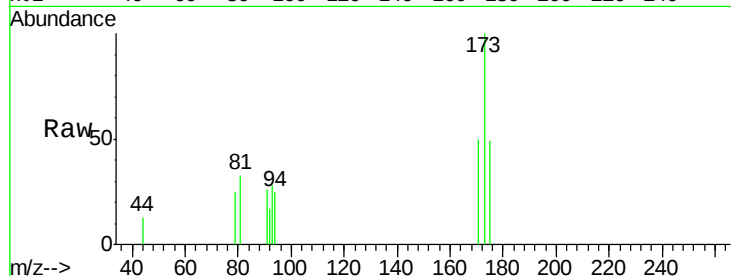
Tot Ion:173 Resp: 1291

Ion Ratio Lower Upper

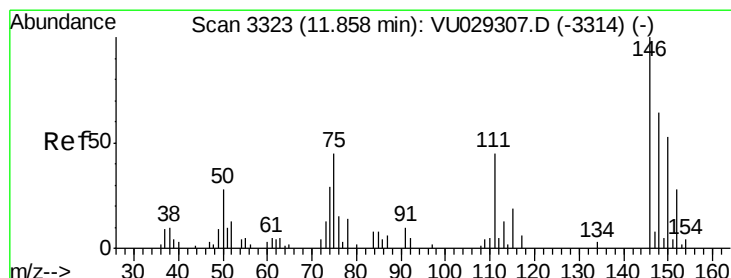
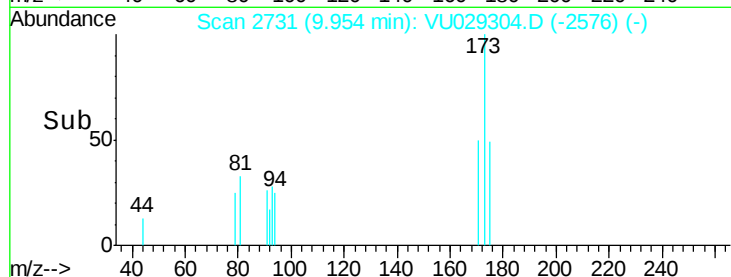
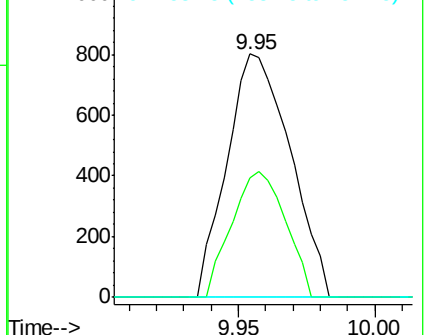
173 100

175 44.0 38.9 58.3

254 0.0 7.4 11.2#



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



#68

1,2-Dichlorobenzene-d4

Concen: 0.989 ug/l

RT: 11.86 min Scan# 3323

Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

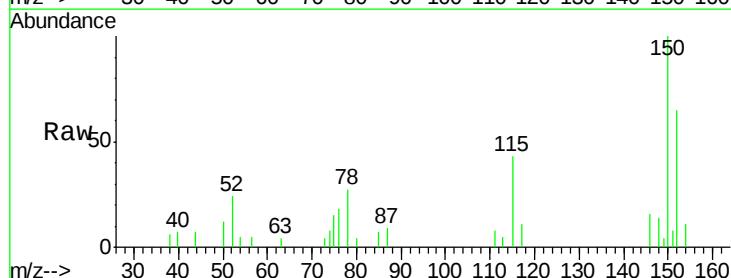
Tgt Ion:152 Resp: 2821

Ion Ratio Lower Upper

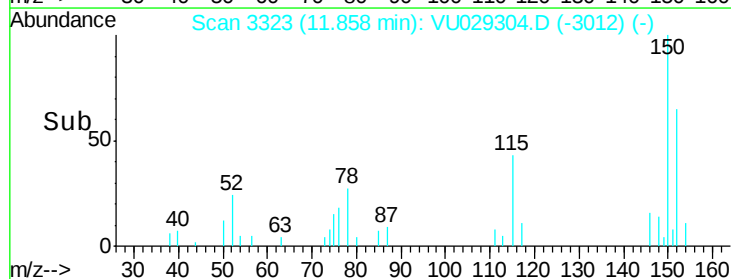
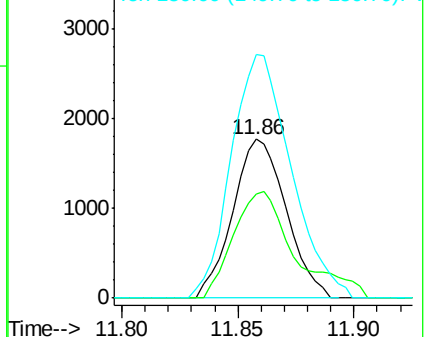
152 100

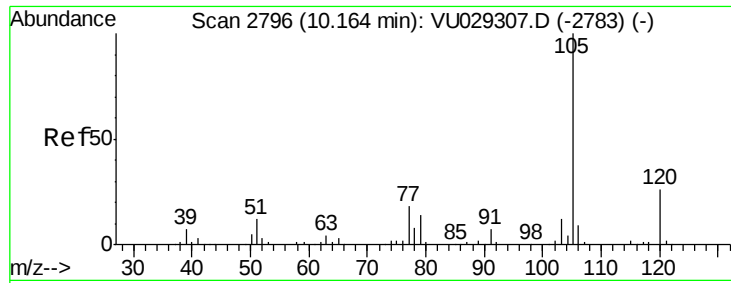
115 77.4 0.0 133.4

150 172.5 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: 0.930 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029304.D

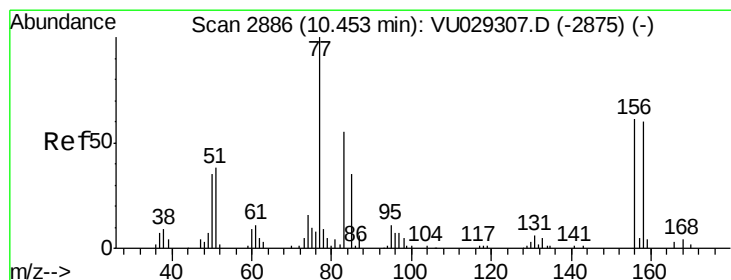
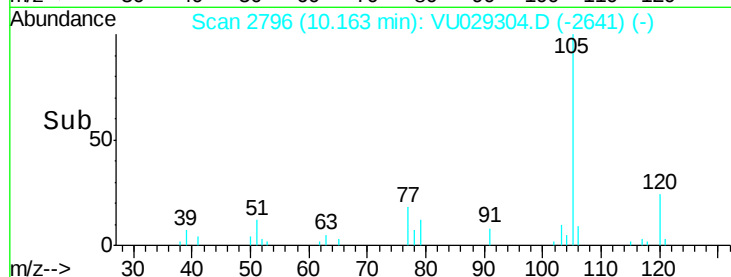
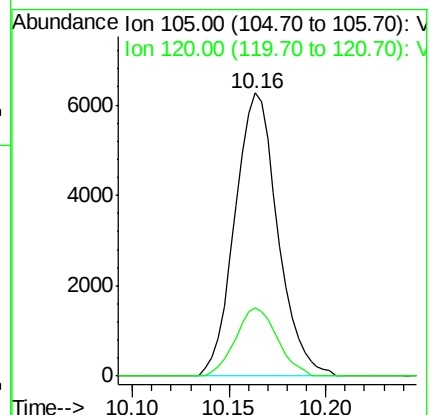
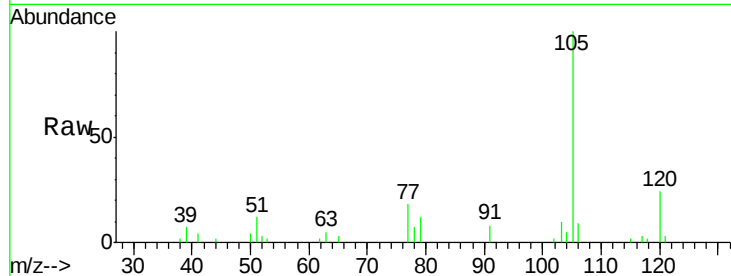
Acq: 29 Jan 2019 17:06

Tot Ion: 105 Resp: 9653

Ion Ratio Lower Upper

105 100

120 23.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.017 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

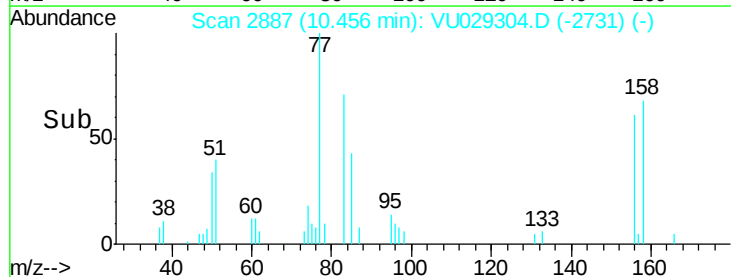
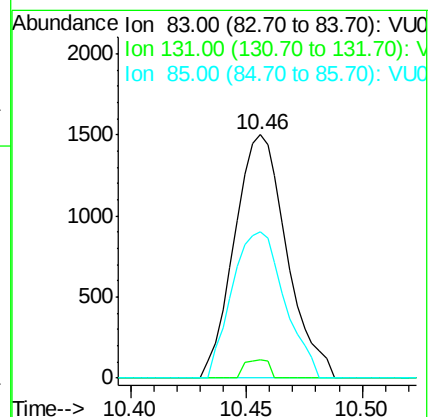
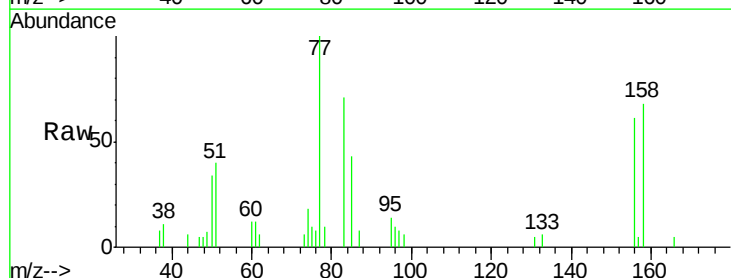
Tgt Ion: 83 Resp: 2348

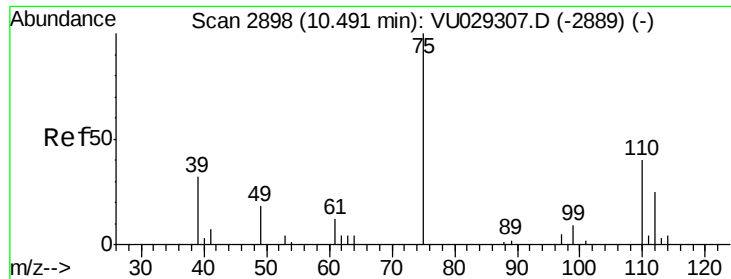
Ion Ratio Lower Upper

83 100

131 3.5 8.1 12.1#

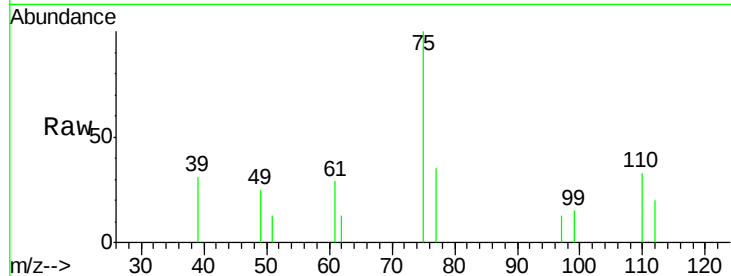
85 60.5 50.3 75.5



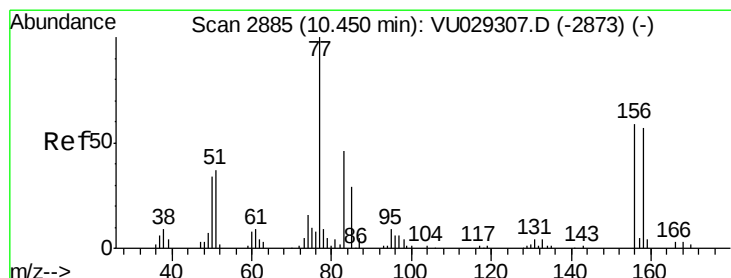
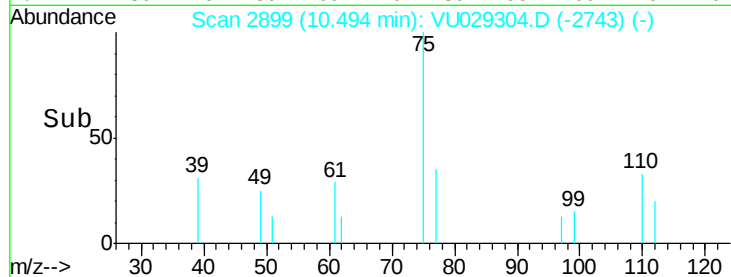
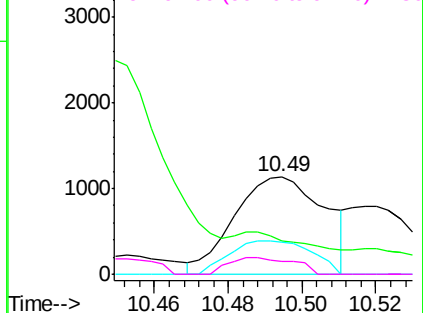


#71
 1,2,3-Trichloropropane
 Concen: 1.044 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion:	75	Resp:	1939
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	31.0	0.0	63.6
97	12.3	0.0	31.4

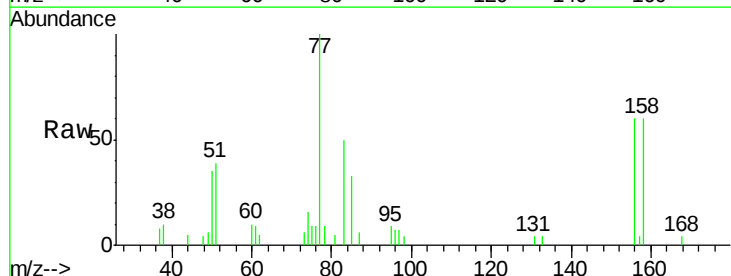


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

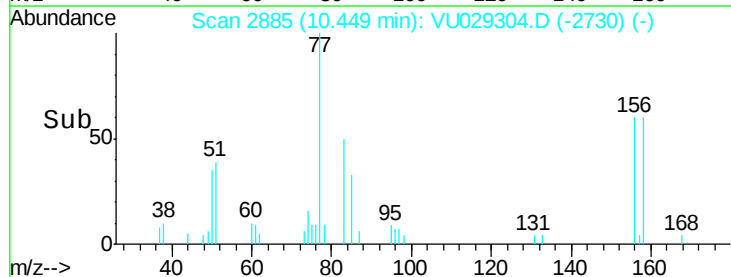
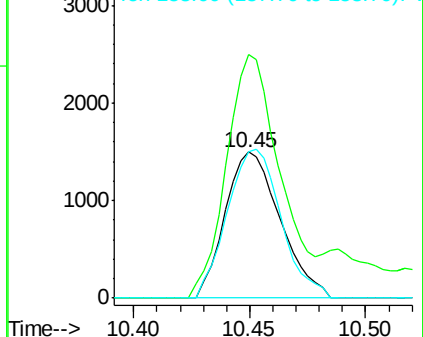


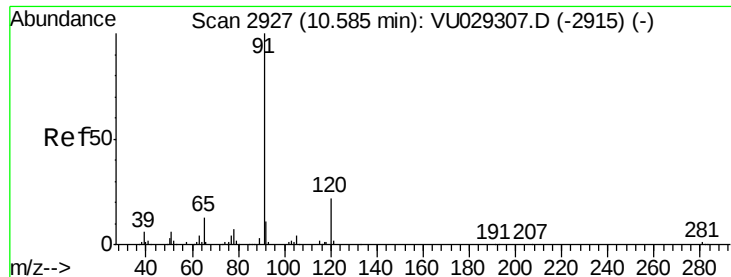
#72
 Bromobenzene
 Concen: 0.988 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:	156	Resp:	2462
Ion	Ratio	Lower	Upper
156	100		
77	162.3	0.0	343.8
158	99.7	0.0	195.0



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





#73

n-propylbenzene

Concen: 0.937 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU029304.D

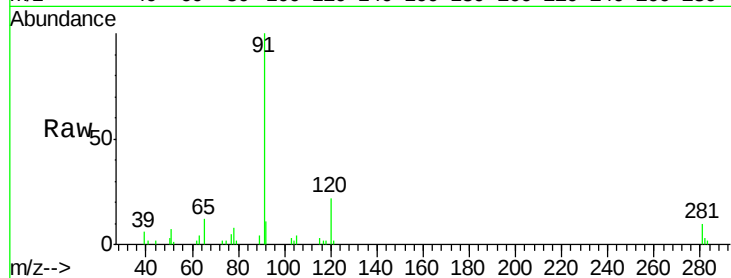
Acq: 29 Jan 2019 17:06

Tot Ion:120 Resp: 2551

Ion Ratio Lower Upper

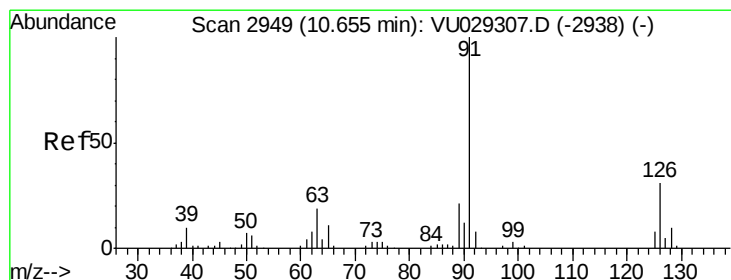
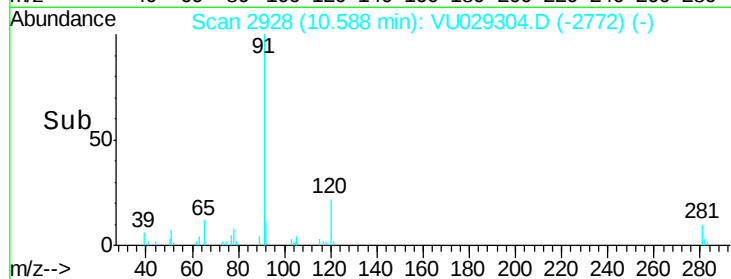
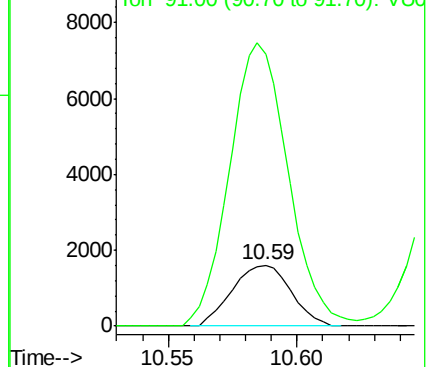
120 100

91 464.7 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.881 ug/l

RT: 10.66 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU029304.D

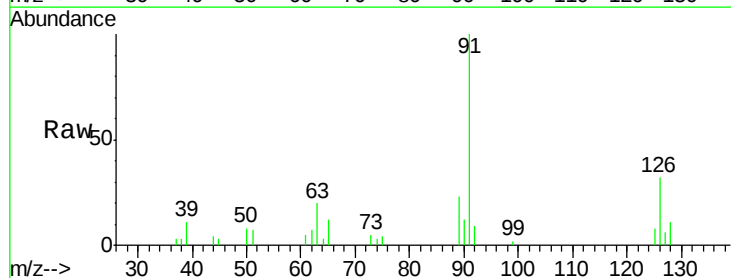
Acq: 29 Jan 2019 17:06

Tgt Ion:126 Resp: 2178

Ion Ratio Lower Upper

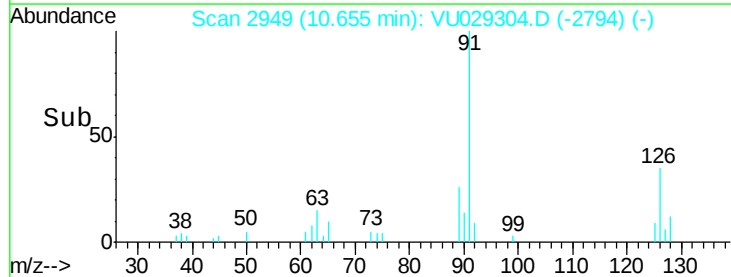
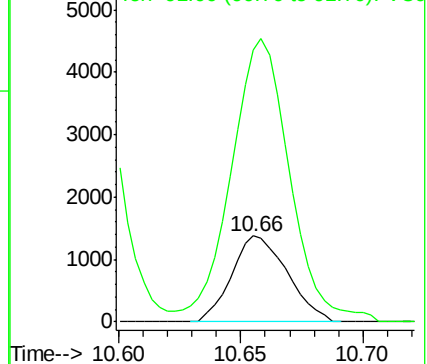
126 100

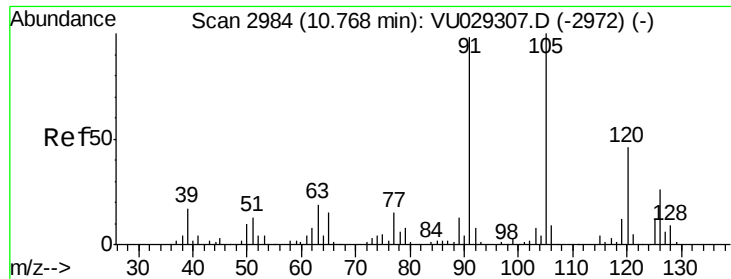
91 347.1 0.0 643.0



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: 0.930 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029304.D

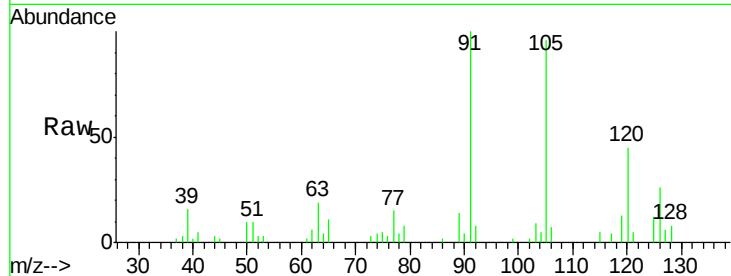
Acq: 29 Jan 2019 17:06

Tot Ion:105 Resp: 8532

Ion Ratio Lower Upper

105 100

120 43.6 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

6000

5000

4000

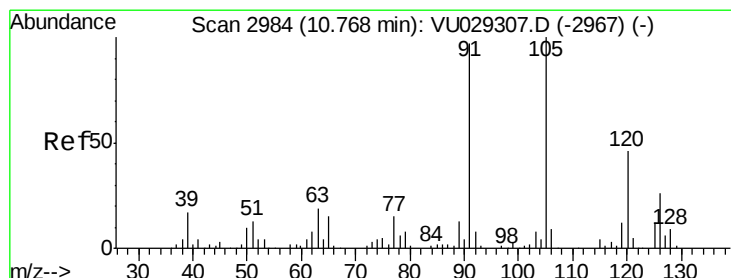
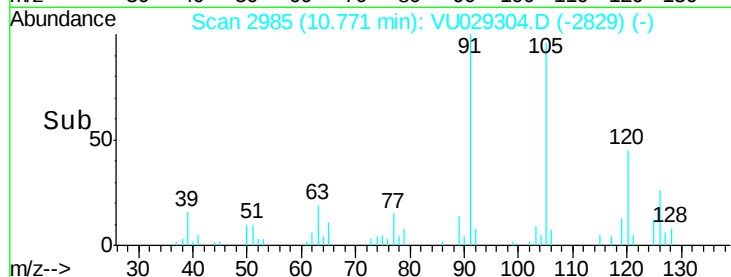
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#76

4-Chlorotoluene

Concen: 0.963 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029304.D

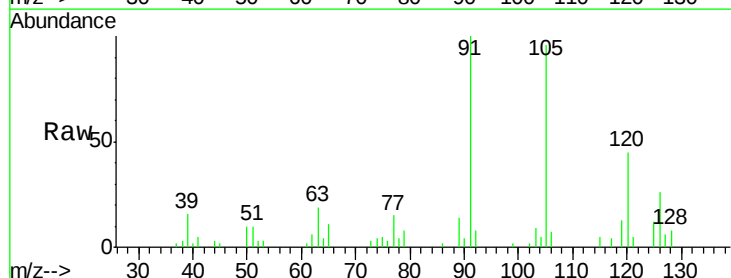
Acq: 29 Jan 2019 17:06

Tgt Ion:126 Resp: 2391

Ion Ratio Lower Upper

126 100

91 372.1 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

6000

5000

4000

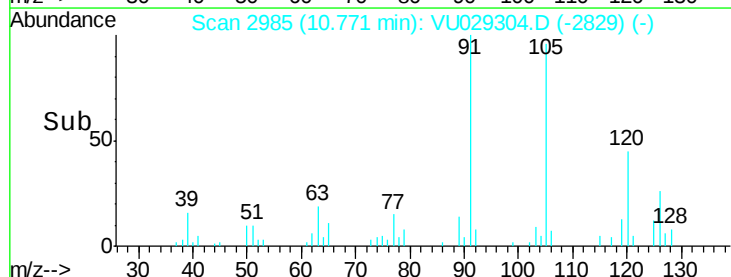
3000

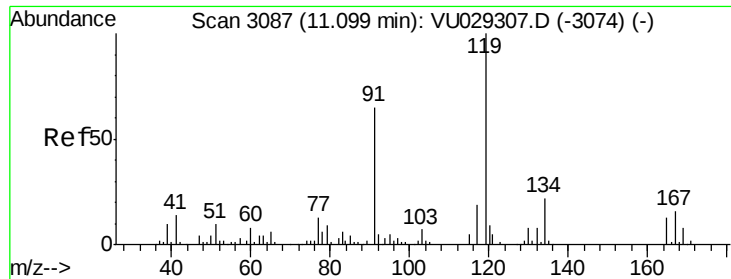
2000

1000

0

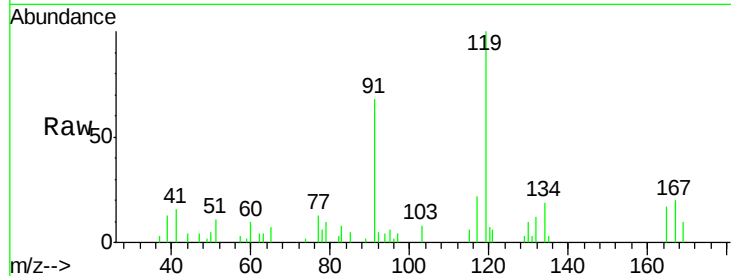
Time--> 10.75 10.80



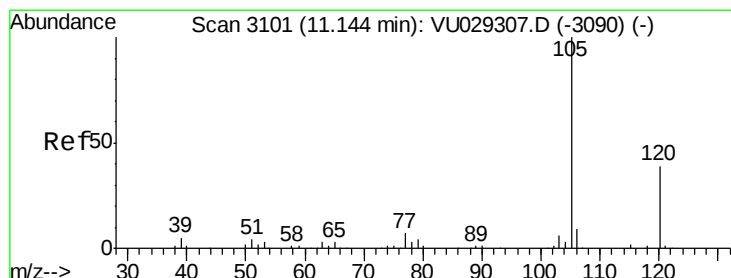
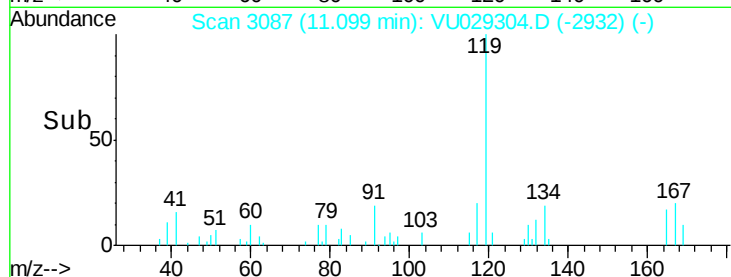
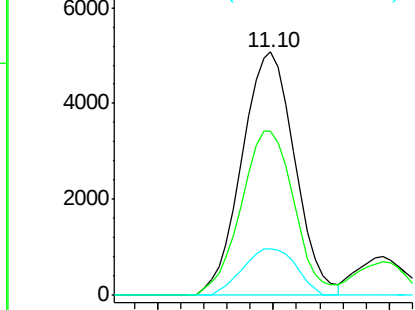


#77
 tert-Butylbenzene
 Concen: 0.917 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion:119 Resp: 8034
 Ion Ratio Lower Upper
 119 100
 91 68.2 32.2 96.6
 134 19.5 17.6 26.4

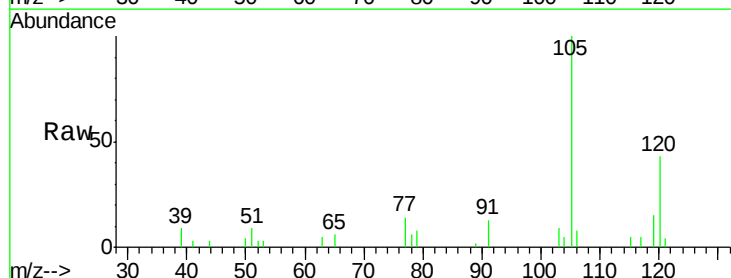


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

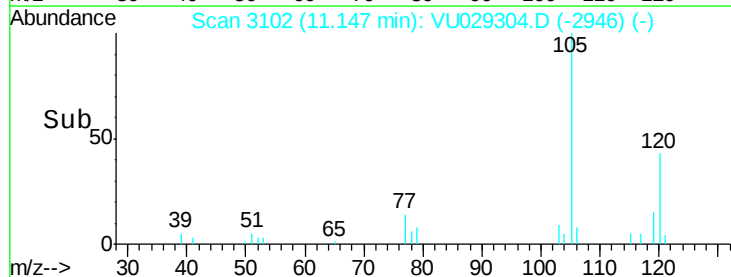
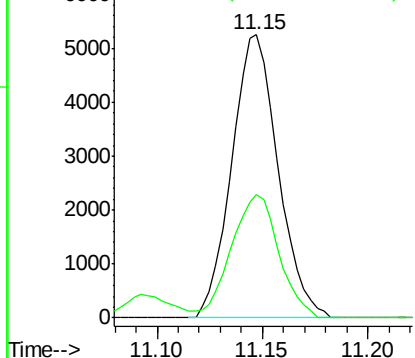


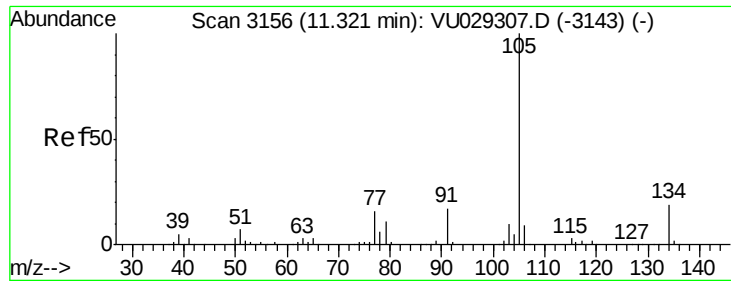
#78
 1,2,4-Trimethylbenzene
 Concen: 0.848 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:105 Resp: 8008
 Ion Ratio Lower Upper
 105 100
 120 44.4 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: 0.897 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU029304.D

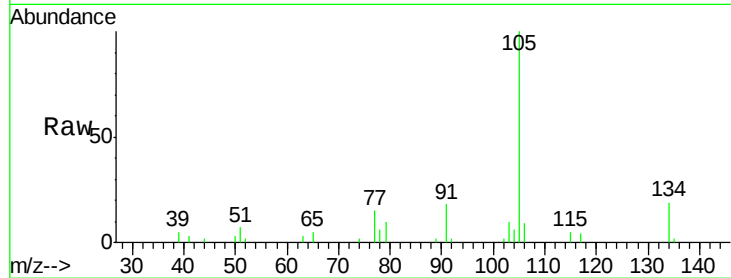
Acq: 29 Jan 2019 17:06

Tot Ion: 105 Resp: 10532

Ion Ratio Lower Upper

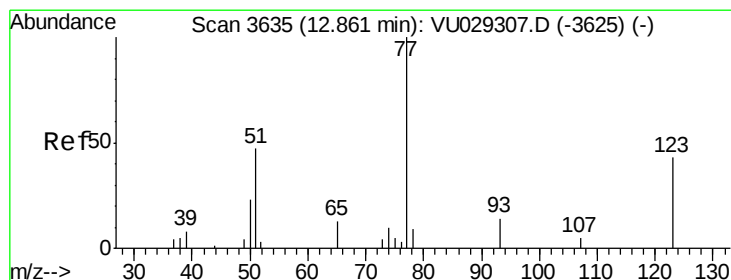
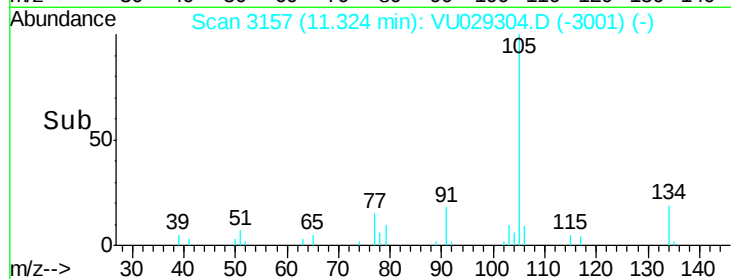
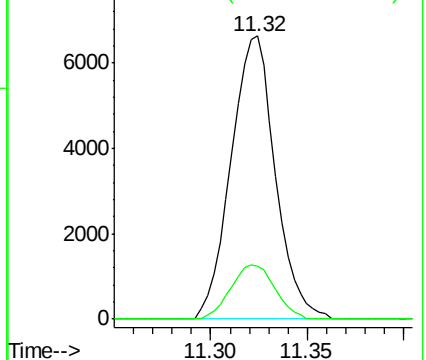
105 100

134 19.2 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 2.766 ug/l

RT: 12.88 min Scan# 3640

Delta R.T. 0.02 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

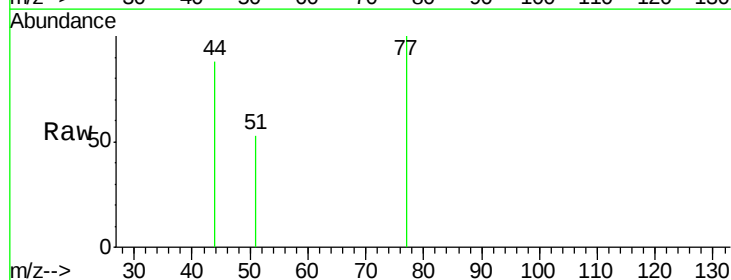
Tgt Ion: 77 Resp: 232

Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

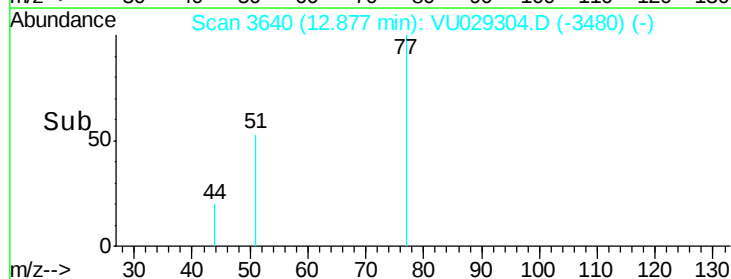
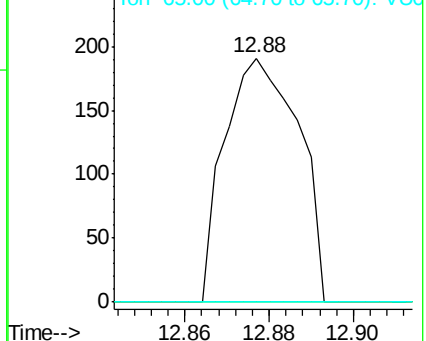
65 0.0 10.8 13.8#

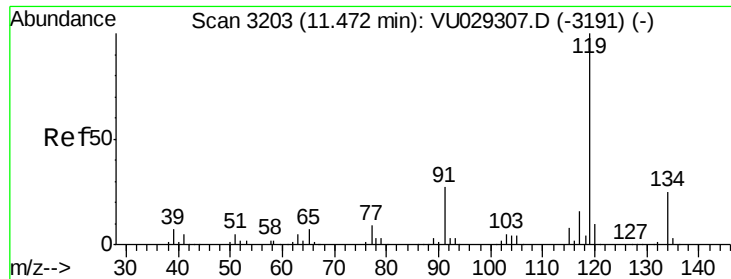


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

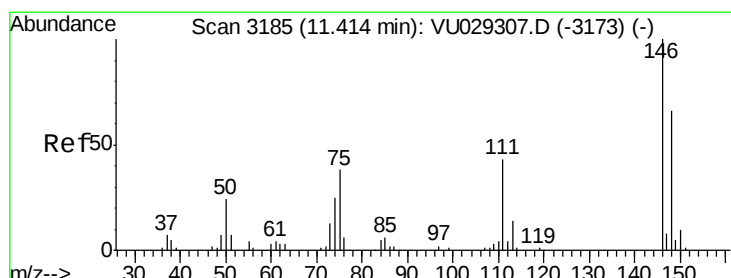
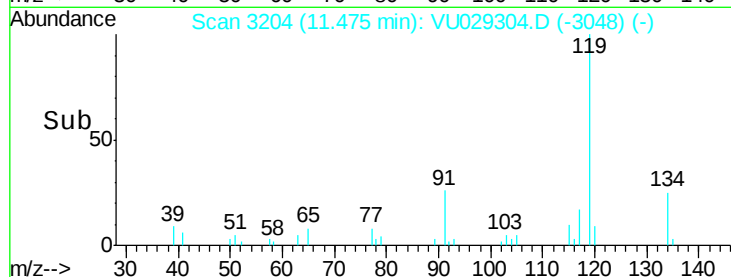
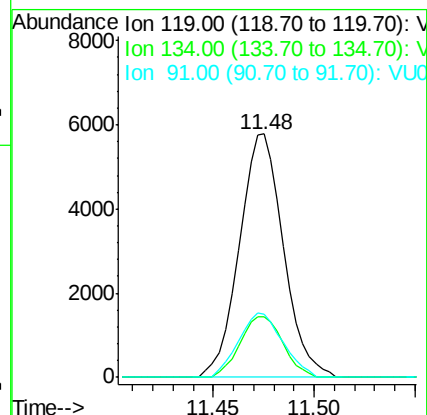
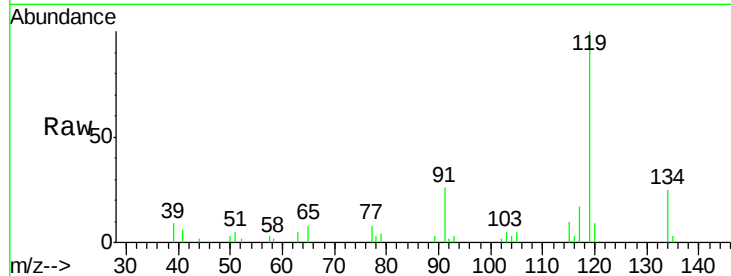
Ion 65.00 (64.70 to 65.70): VU0





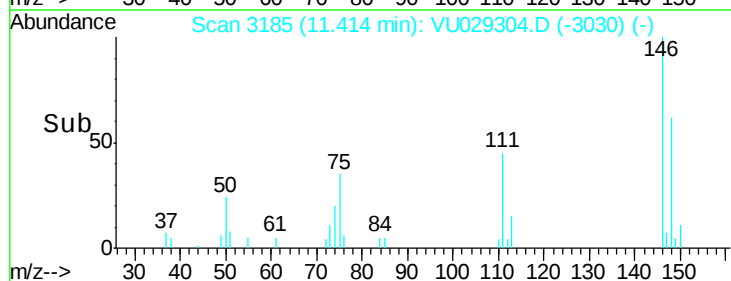
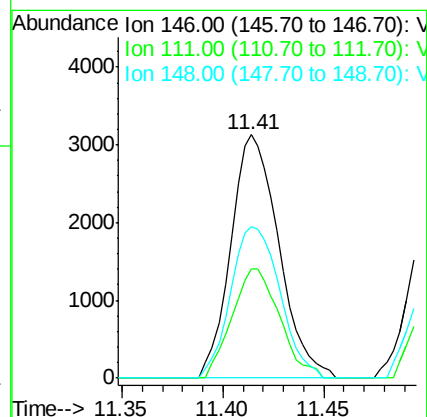
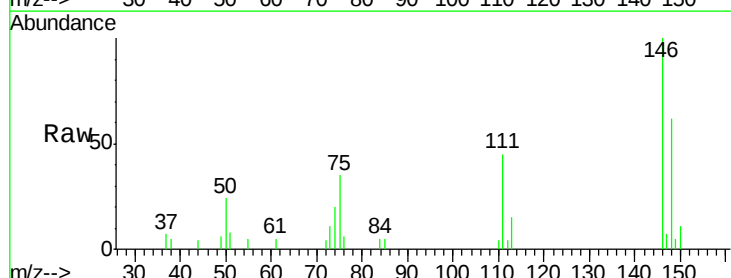
#81
 p-Isopropyltoluene
 Concen: 0.900 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

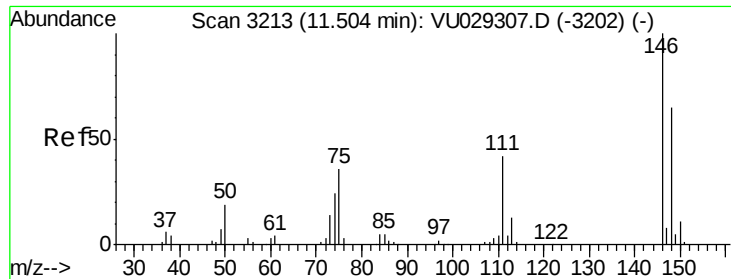
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.3	19.8	29.6
91	26.5	21.5	32.3



#82
 1,3-Dichlorobenzene
 Concen: 0.999 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

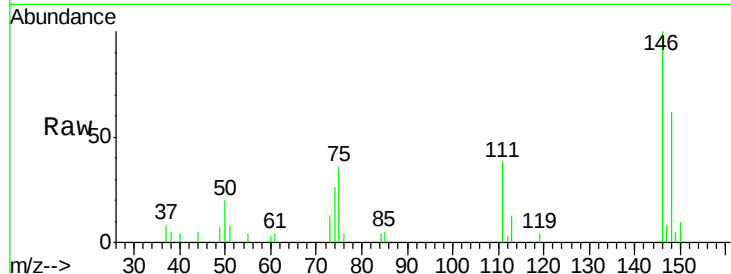
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	34.1	51.1
148	63.8	52.3	78.5



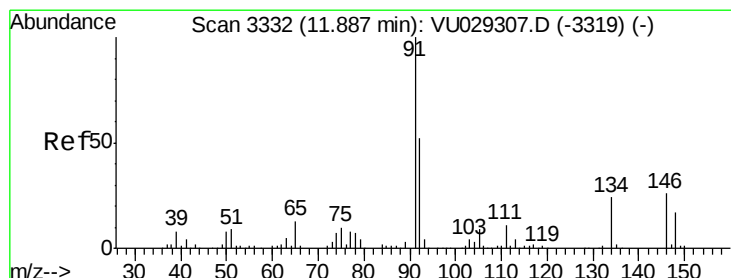
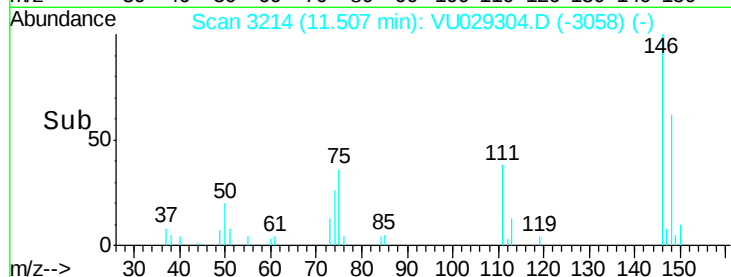
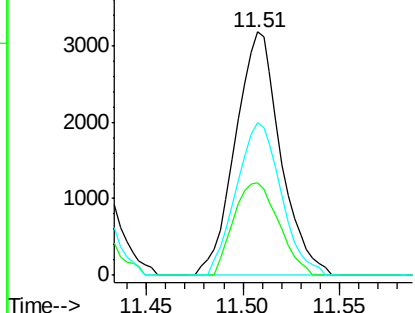


#83
1,4-Dichlorobenzene
Concen: 0.999 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion: 146 Resp: 5169
Ion Ratio Lower Upper
146 100
111 37.8 32.9 49.3
148 62.1 51.8 77.6

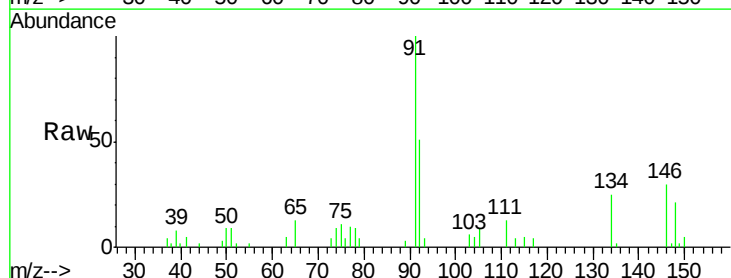


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

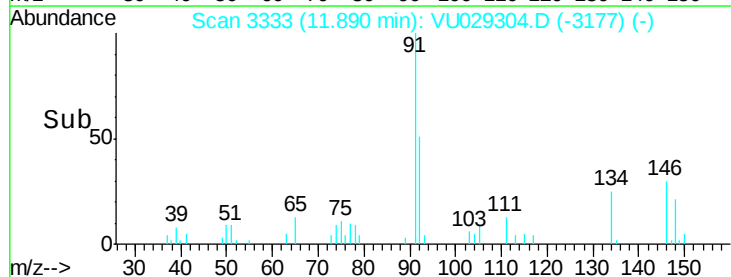
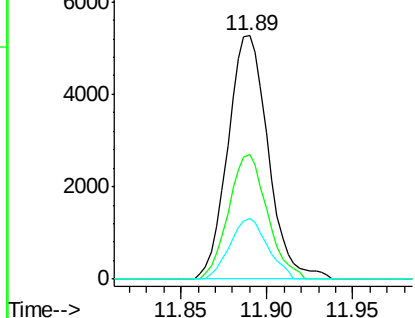


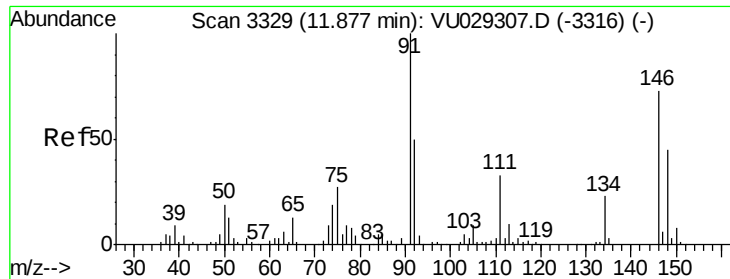
#84
n-Butylbenzene
Concen: 0.903 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 91 Resp: 8611
Ion Ratio Lower Upper
91 100
92 49.1 41.0 61.6
134 23.4 19.1 28.7



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





#85

1,2-Dichlorobenzene

Concen: 0.945 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

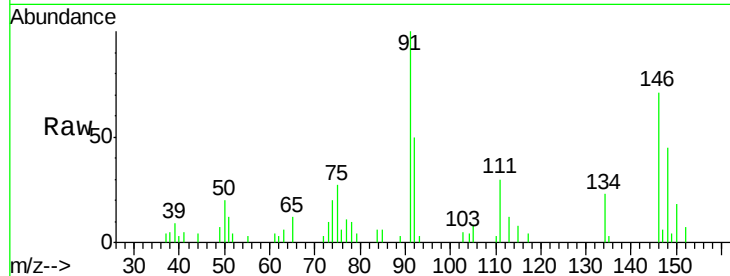
Tot Ion:146 Resp: 4545

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.8

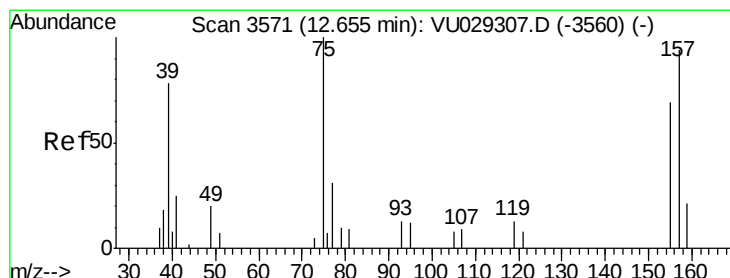
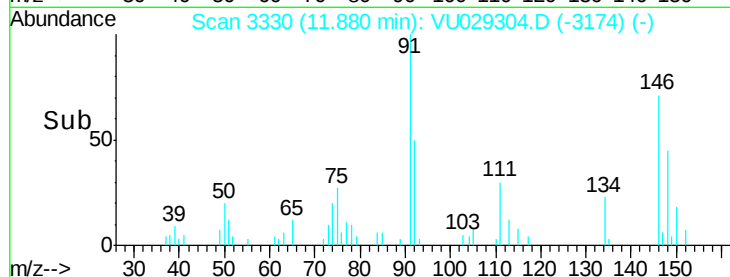
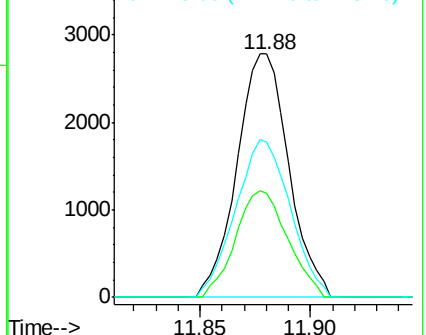
148 68.3 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.902 ug/l

RT: 12.66 min Scan# 3573

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

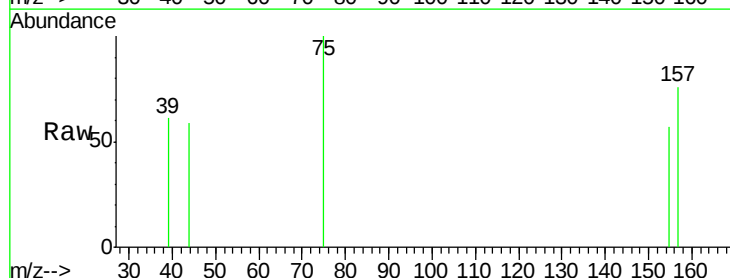
Tgt Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

155 51.9 53.8 80.8#

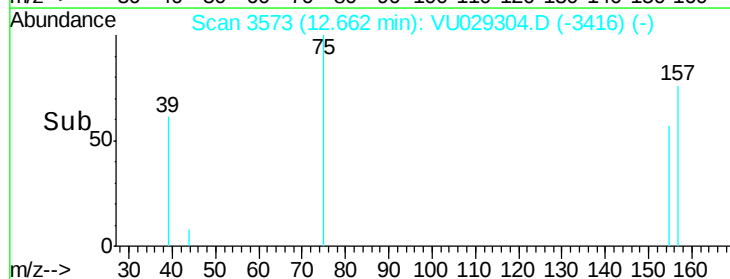
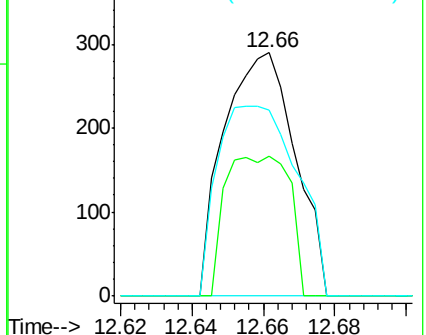
157 87.5 69.2 103.8

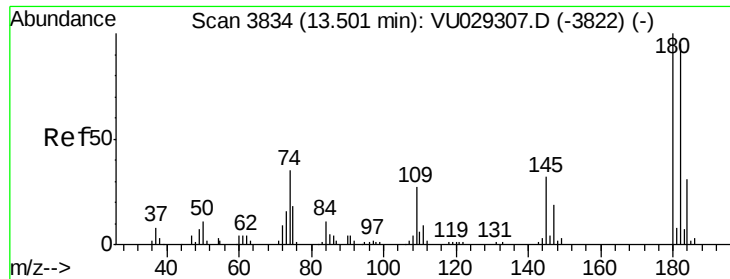


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

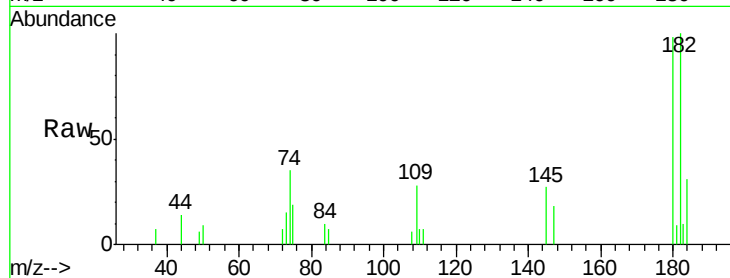
Ion 157.00 (156.70 to 157.70): V



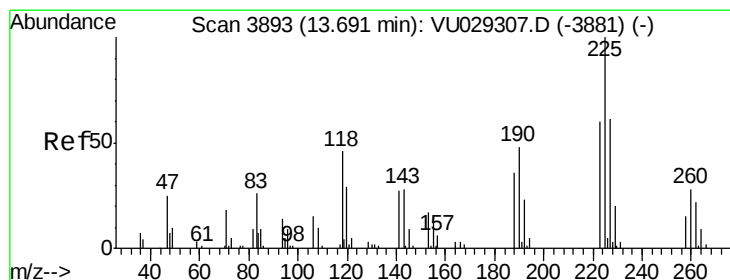
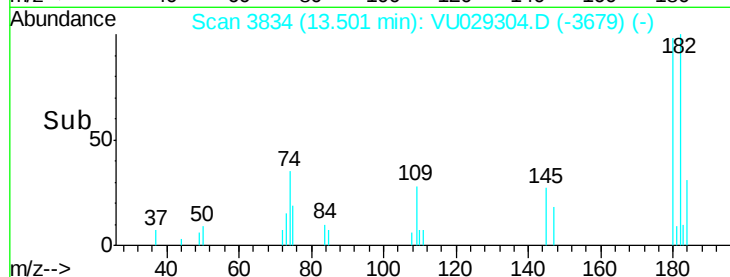
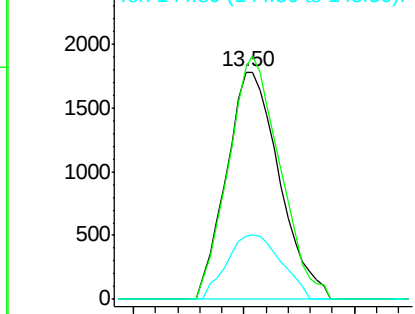


#87
 1,2,4-Trichlorobenzene
 Concen: 0.930 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.7	76.6	114.8
145	28.9	24.6	36.8

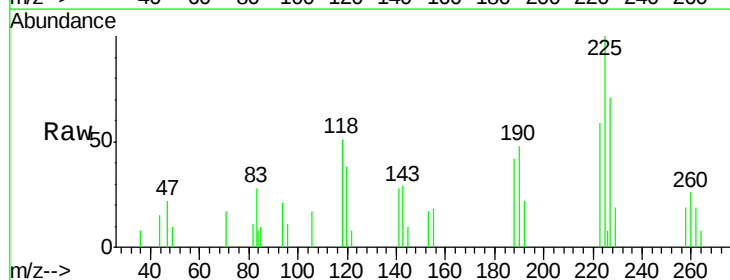


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

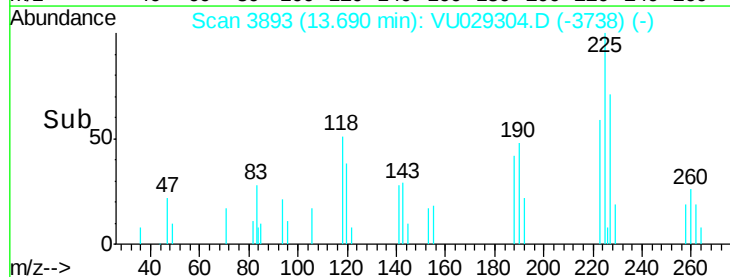
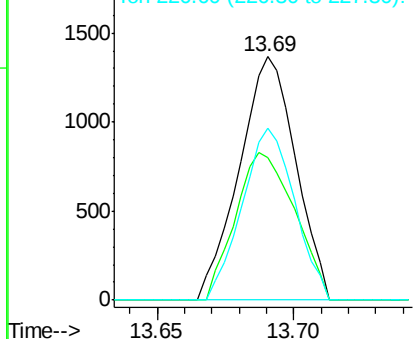


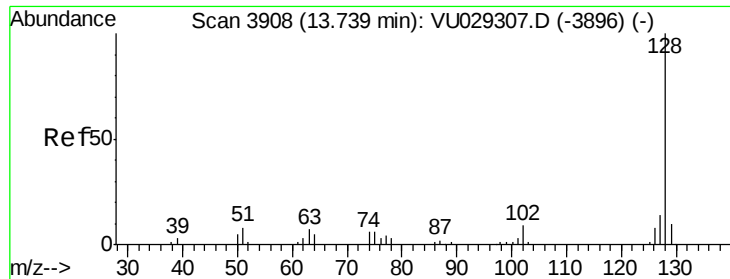
#88
 Hexachlorobutadiene
 Concen: 0.957 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.5	74.3
227	65.7	50.4	75.6



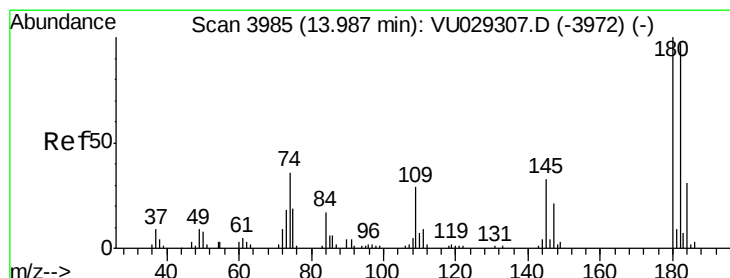
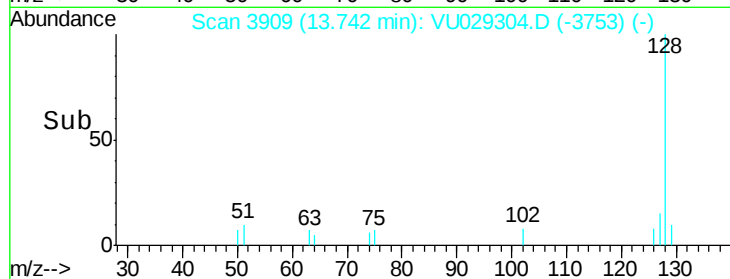
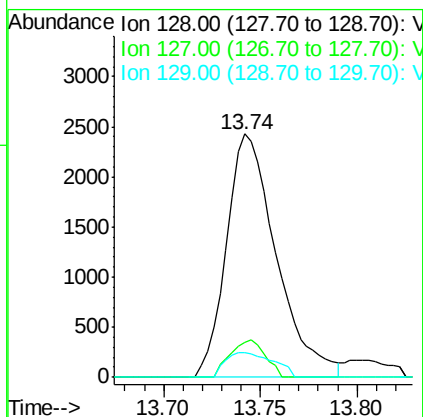
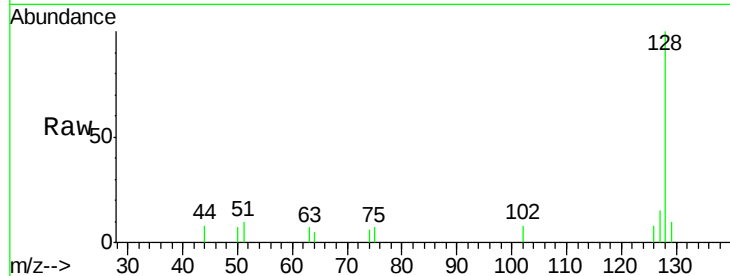
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 0.833 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tot Ion:128 Resp: 4350
Ion Ratio Lower Upper
128 100
127 10.8 10.7 16.1
129 9.7 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 0.920 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion:180 Resp: 2742
Ion Ratio Lower Upper
180 100
182 103.4 78.0 117.0
145 31.4 26.6 39.8

