

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 00:45:29 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

					Qvalue
2) Dichlorodifluoromethane	1.20	85	3739	1.029 ug/l	95
3) Chloromethane	1.32	50	2742	0.859 ug/l	100
4) Vinyl Chloride	1.39	62	2906	0.937 ug/l	97
5) Bromomethane	1.62	94	1908	1.053 ug/l	89
6) Chloroethane	1.69	64	2054	0.953 ug/l	99
7) Trichlorofluoromethane	1.88	101	5556	1.065 ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2175	0.984 ug/l	93
9) 1,1-Dichloroethene	2.28	96	2052	0.986 ug/l	94
10) Iodomethane	2.40	142	1422	0.762 ug/l	98
11) Allyl Chloride	2.58	41	5130	0.982 ug/l	100
12) Acrylonitrile	2.93	53	1279	1.981 ug/l	98
13) Acetone	2.31	43	4207	5.733 ug/l	96
14) Carbon Disulfide	2.47	76	7669	1.000 ug/l	97
15) Methylene Chloride	2.69	84	2722	1.001 ug/l	95
16) trans-1,2-Dichloroethene	2.97	96	2275	0.969 ug/l	91
17) 1,1-Dichloroethane	3.43	63	5210	0.996 ug/l #	96
18) 2-Butanone	4.28	43	3785	4.599 ug/l	96
19) Cyclohexane	4.98	56	2864	0.870 ug/l	99
20) Methylcyclohexane	6.40	83	3136	0.895 ug/l	97
21) 2,2-Dichloropropane	4.21	77	4647	1.029 ug/l #	74
22) cis-1,2-Dichloroethene	4.21	96	2567	1.035 ug/l	91
23) Diethyl Ether	2.10	59	2103	0.997 ug/l	94
24) tert-Butyl Alcohol	2.82	59	2726	10.798 ug/l #	94
25) Methyl tert-Butyl Ether	2.99	73	7231	1.021 ug/l	99
26) Bromochloromethane	4.54	128	1042	1.006 ug/l	96
27) Chloroform	4.67	83	5010	0.978 ug/l	97
28) 1,1,1-Trichloroethane	4.90	97	4844	1.039 ug/l	97
29) 1,1-Dichloropropene	5.12	75	3292	0.932 ug/l	98
30) Carbon Tetrachloride	5.12	117	4013	0.998 ug/l	100
31) Isopropyl Ether	3.57	45	7241	0.872 ug/l	95
32) Ethyl-t-butyl ether	4.06	59	6693	0.966 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	5552	0.951 ug/l	98
34) Propionitrile	4.33	54	807	3.931 ug/l #	1
35) Benzene	5.38	78	9354	0.971 ug/l	97
36) 1,2-Dichloroethane	5.40	62	3932	0.978 ug/l #	85
37) Trichloroethene	6.18	130	2378	1.018 ug/l	93
38) 1,2-Dichloropropane	6.43	63	2489	0.934 ug/l	97
39) Methacrylonitrile	4.55	41	783	0.801 ug/l #	85
40) Methyl acrylate	4.43	55	1055	0.774 ug/l #	80
41) Tetrahydrofuran	4.65	42	760	1.571 ug/l #	76
42) 1-Chlorobutane	5.06	56	5317	0.968 ug/l	100

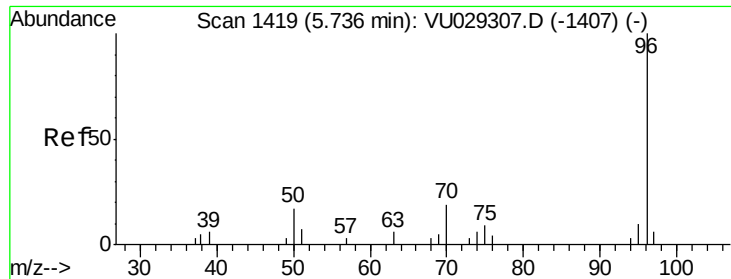
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
 Data File : VU029304.D
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 Operator : JC/SP
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Quant Time: Jan 30 00:45:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
 Quant 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	10.49	75	1590	2.415	ug/l #	73
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	1590	0.856	ug/l #	92
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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

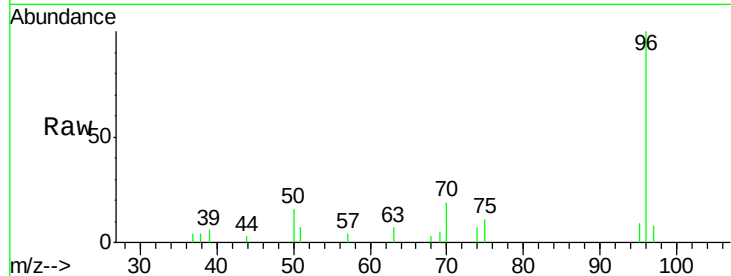
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt 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#

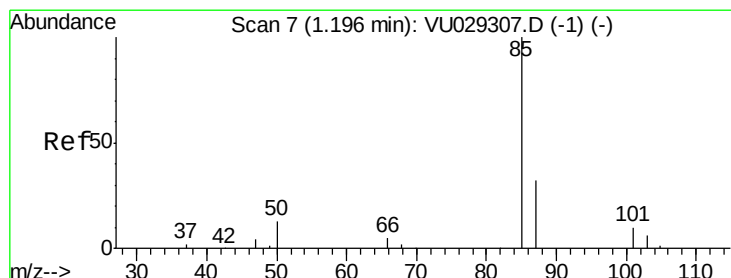
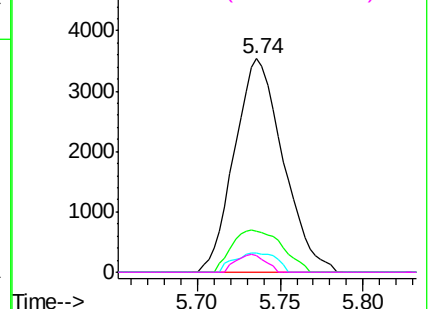
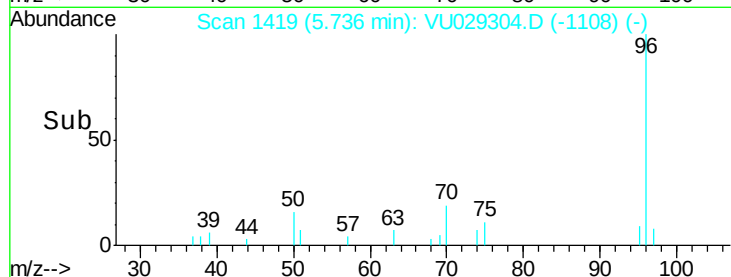


Abundance Ion 96.00 (95.70 to 96.70): VU029307.D (-1407) (-)

Ion 70.00 (69.70 to 70.70): VU029307.D (-1407) (-)

Ion 95.00 (94.70 to 95.70): VU029307.D (-1407) (-)

Ion 97.00 (96.70 to 97.70): VU029307.D (-1407) (-)



#2

Dichlorodifluoromethane

Concen: 1.029 ug/l

RT: 1.20 min Scan# 7

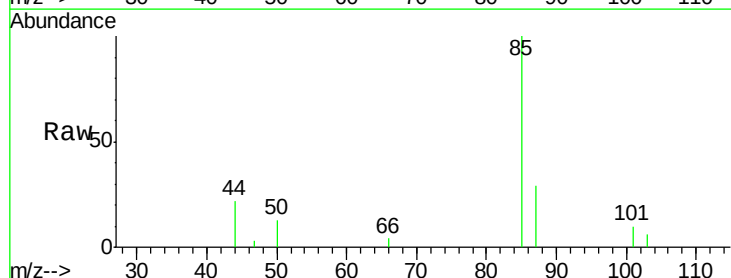
Delta R.T. -0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

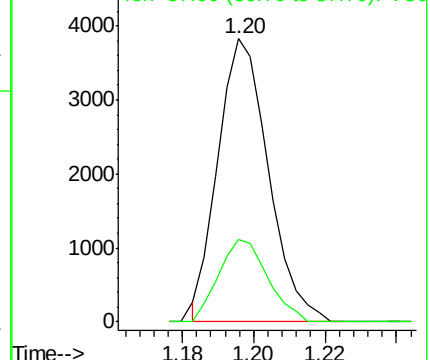
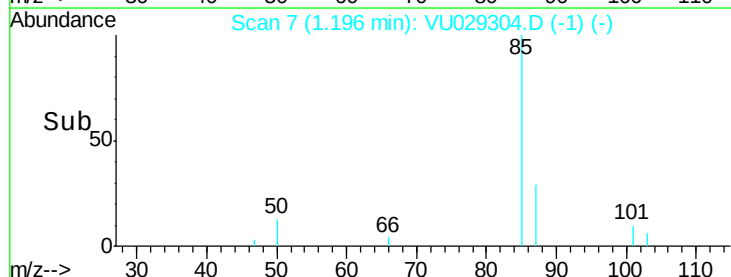
Tgt Ion: 85 Resp: 3739

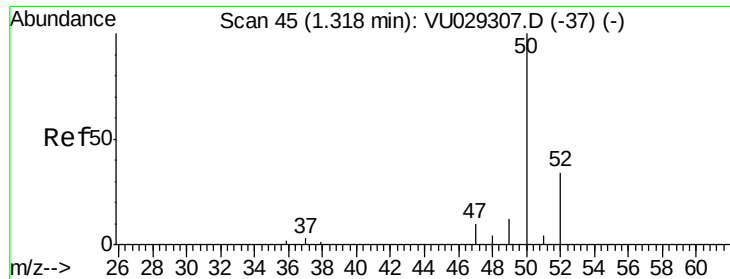
Ion	Ratio	Lower	Upper
85	100		
87	29.1	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU029307.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU029307.D (-1) (-)





#3

Chloromethane

Concen: 0.859 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029304.D

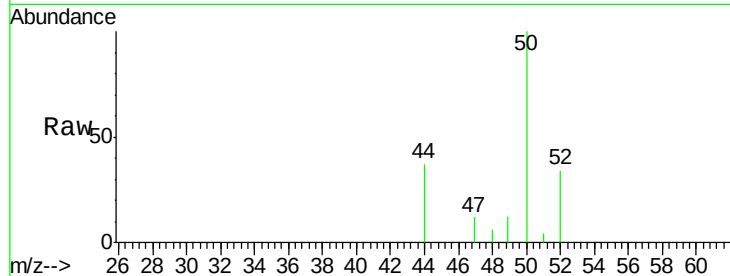
Acq: 29 Jan 2019 17:06

Tgt Ion: 50 Resp: 2742

Ion Ratio Lower Upper

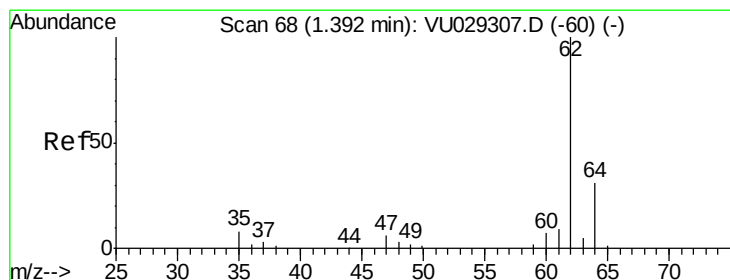
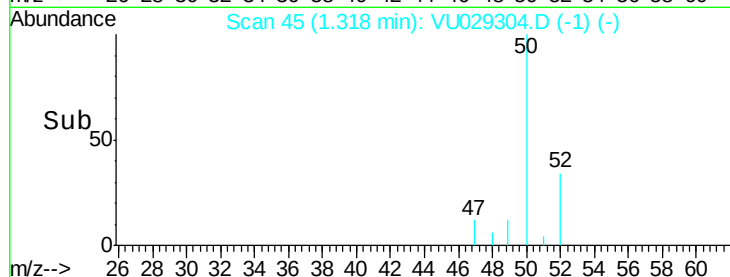
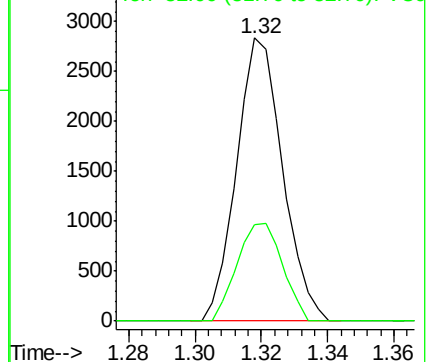
50 100

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

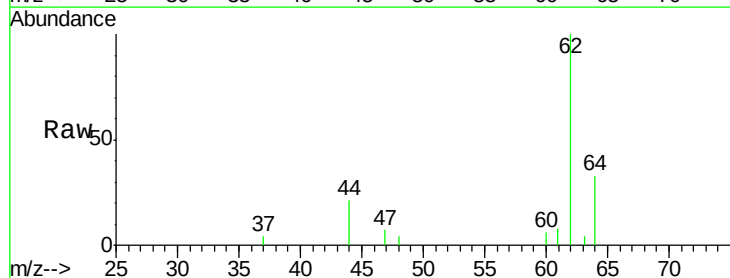
Acq: 29 Jan 2019 17:06

Tgt Ion: 62 Resp: 2906

Ion Ratio Lower Upper

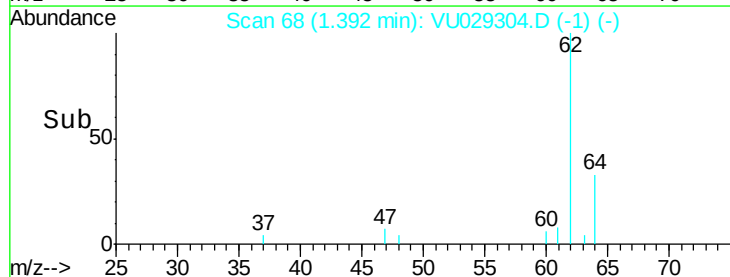
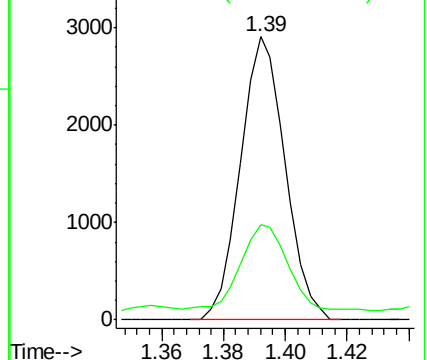
62 100

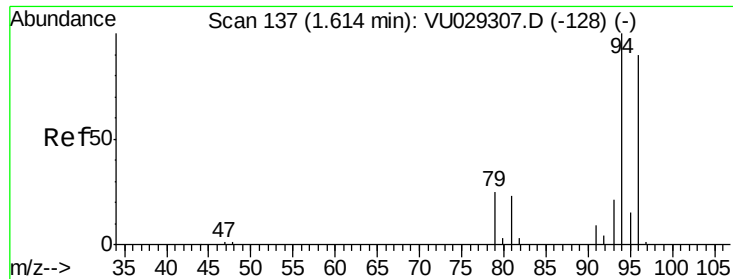
64 29.7 25.2 37.8



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

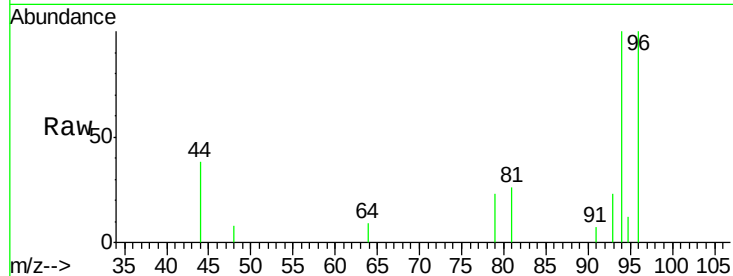
Acq: 29 Jan 2019 17:06

Tgt Ion: 94 Resp: 1908

Ion Ratio Lower Upper

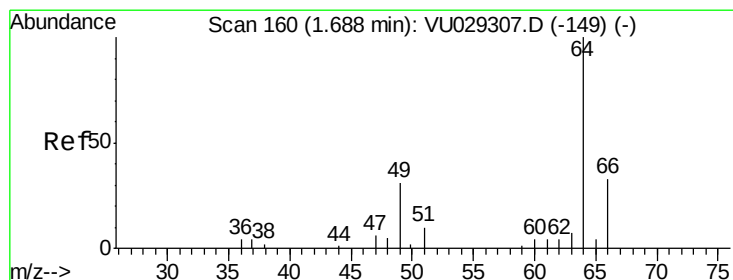
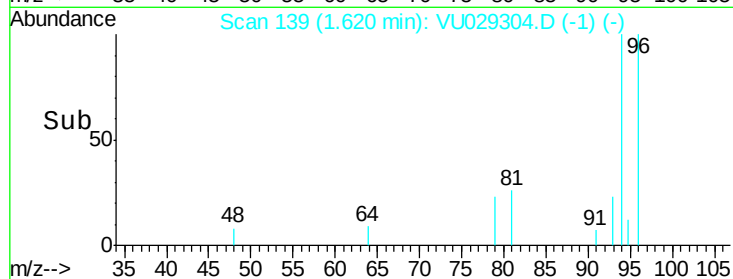
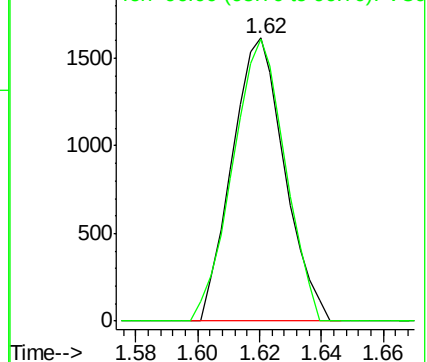
94 100

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

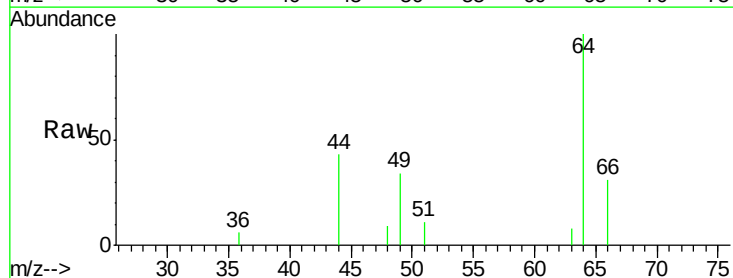
Acq: 29 Jan 2019 17:06

Tgt Ion: 64 Resp: 2054

Ion Ratio Lower Upper

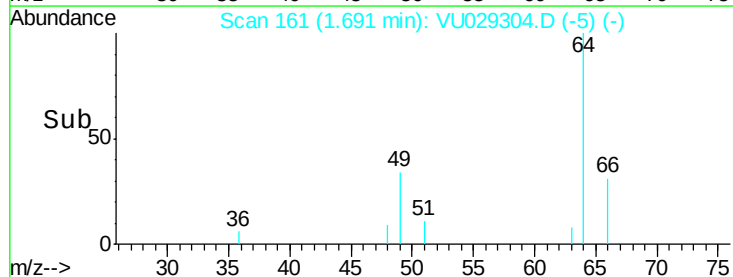
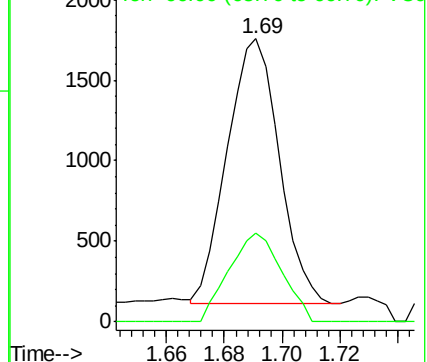
64 100

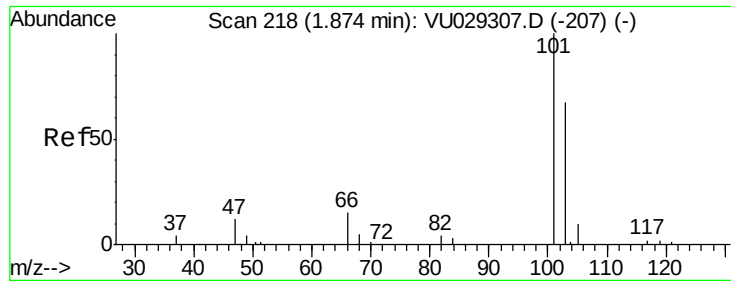
66 33.5 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

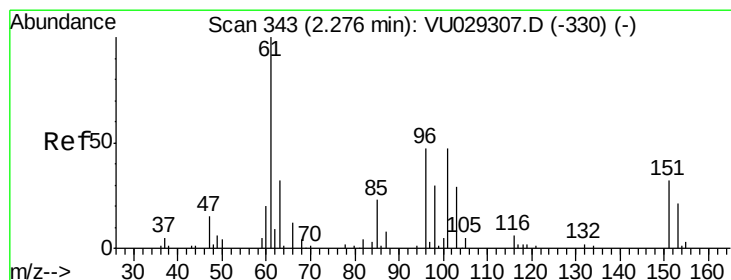
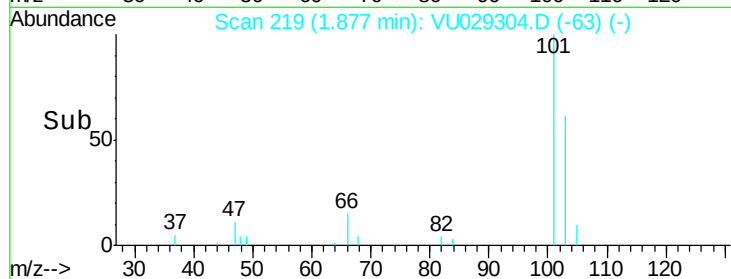
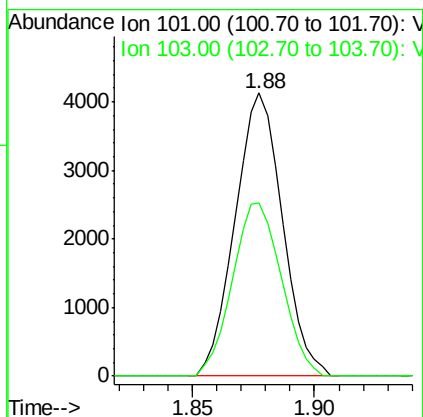
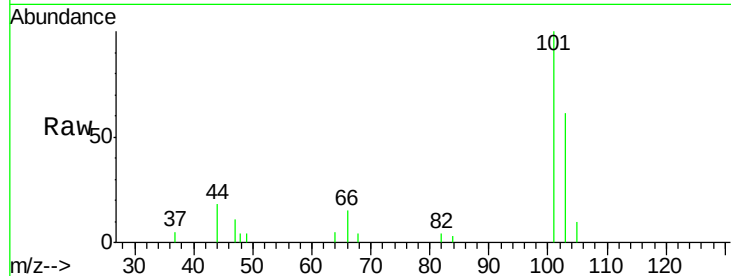




#7

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

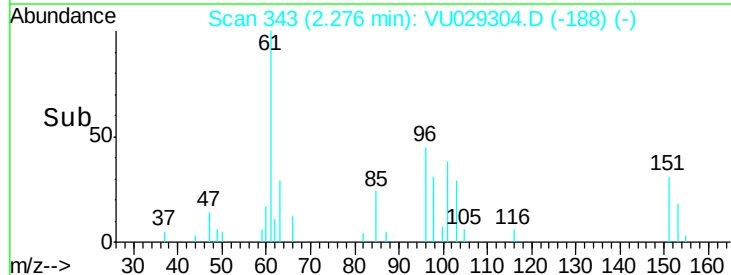
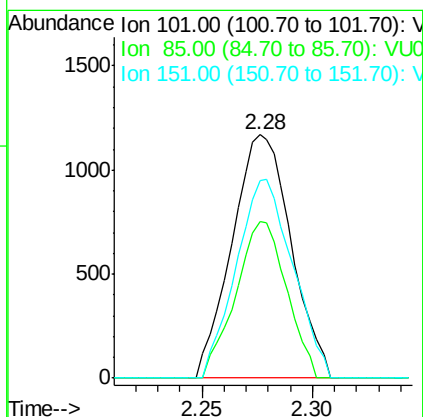
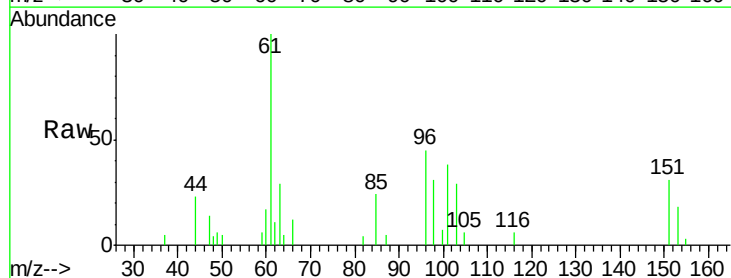
Tgt Ion:101 Resp: 5556
 Ion Ratio Lower Upper
 101 100
 103 61.4 53.9 80.9

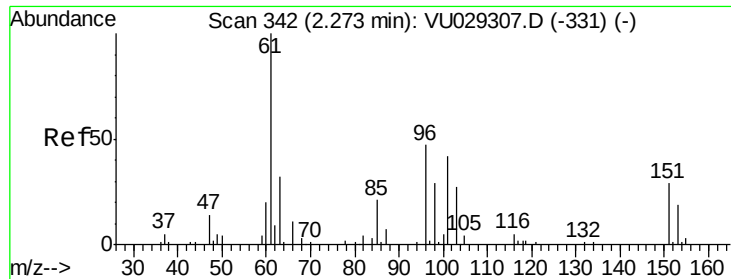


#8

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





#9

1,1-Dichloroethene

Concen: 0.986 ug/l

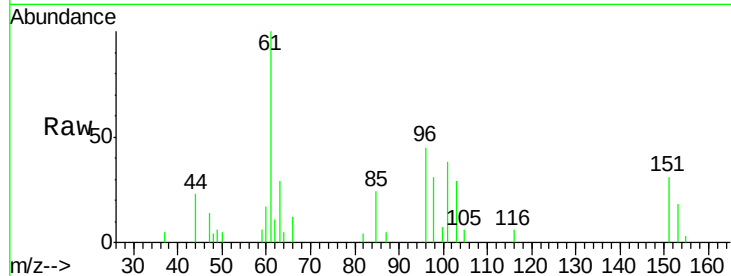
RT: 2.28 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

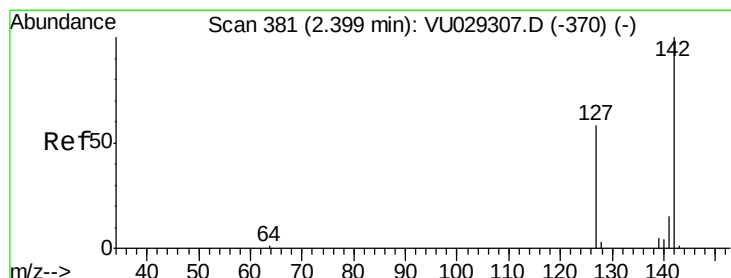
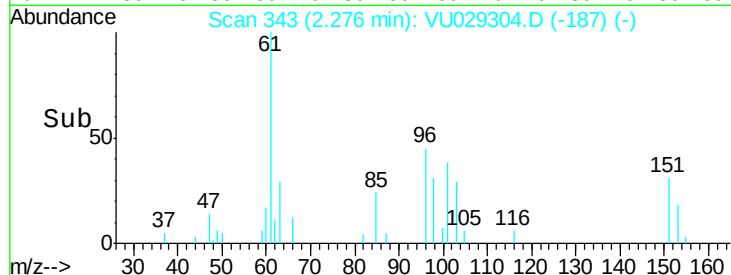
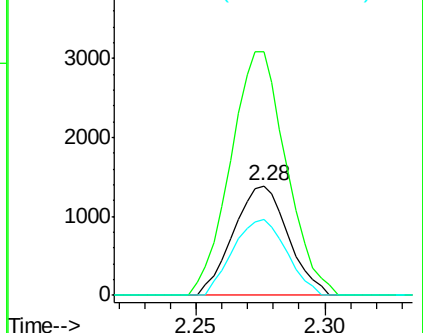
Tgt Ion:	96	Resp:	2052
Ion	Ratio	Lower	Upper
96	100		
61	222.4	0.0	641.4
98	68.8	0.0	122.6



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

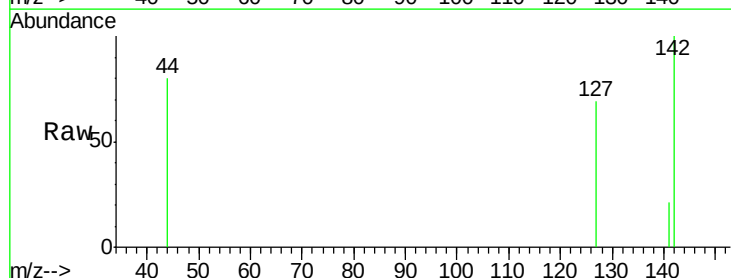
RT: 2.40 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU029304.D

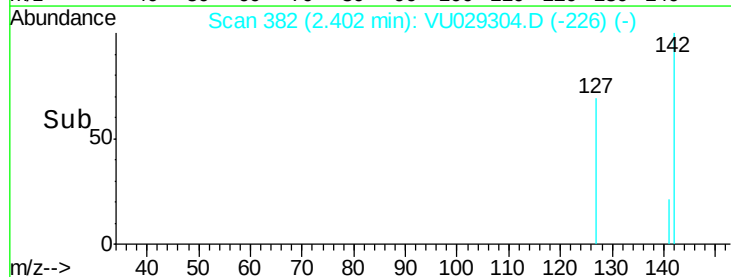
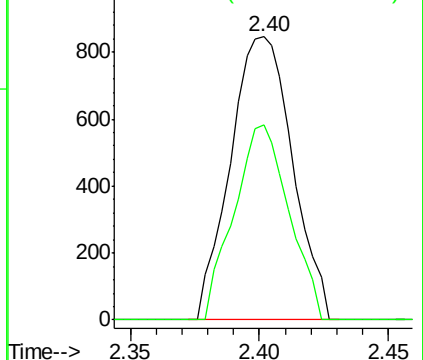
Acq: 29 Jan 2019 17:06

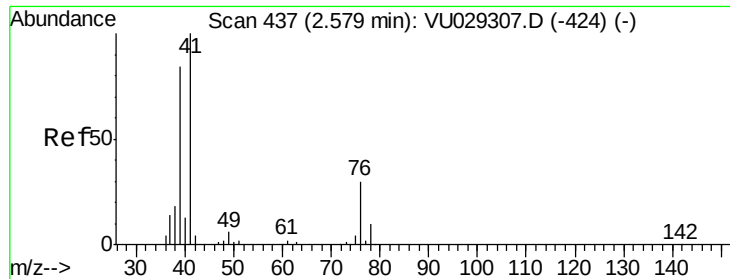
Tgt Ion:	142	Resp:	1422
Ion	Ratio	Lower	Upper
142	100		
127	61.0	47.6	71.4



Abundance Ion 142.00 (141.70 to 142.70): V

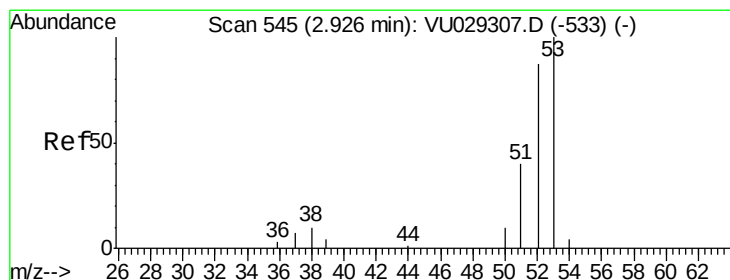
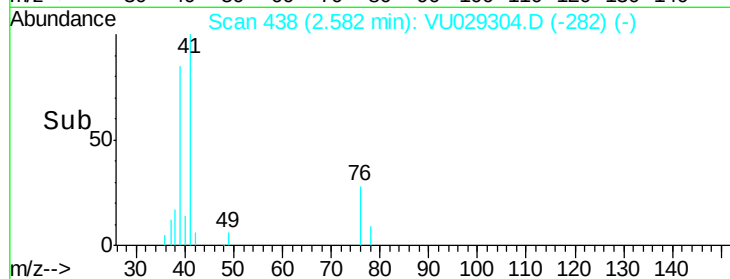
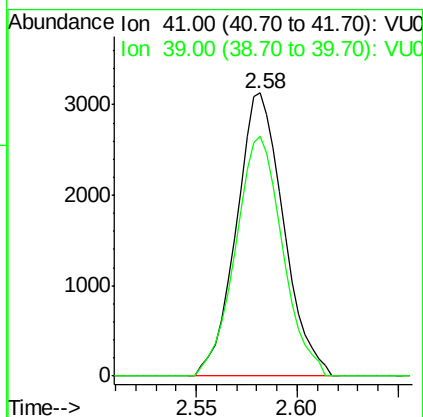
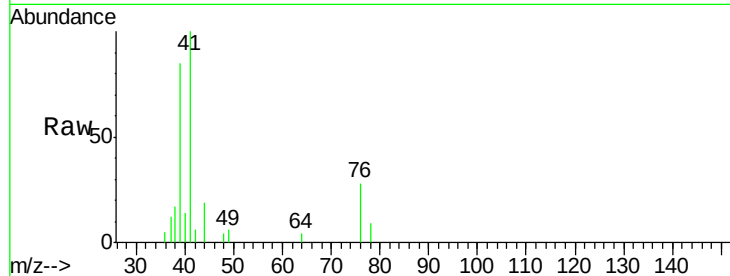
Ion 127.00 (126.70 to 127.70): V





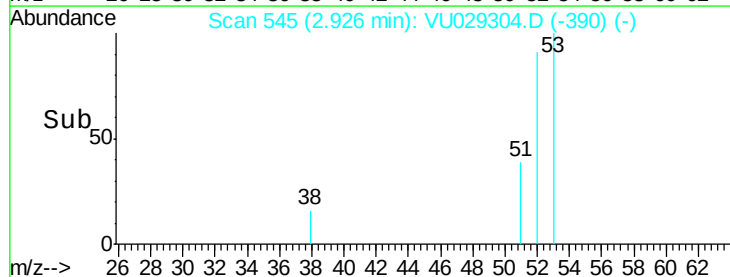
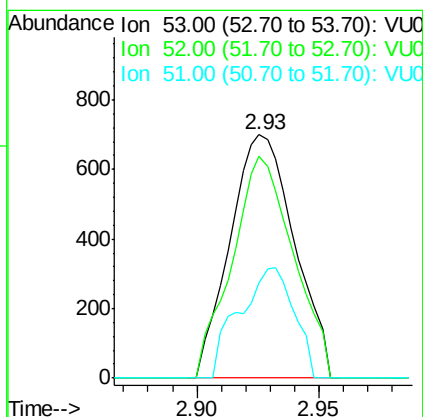
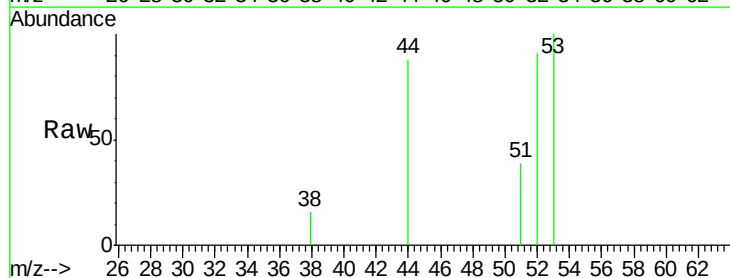
#11
 Allyl Chloride
 Concen: 0.982 ug/l
 RT: 2.58 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

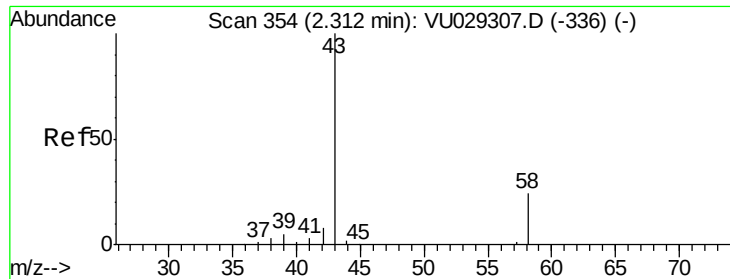
Tgt Ion: 41 Resp: 5130
 Ion Ratio Lower Upper
 41 100
 39 84.2 67.2 100.8



#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





#13

Acetone

Concen: 5.733 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029304.D

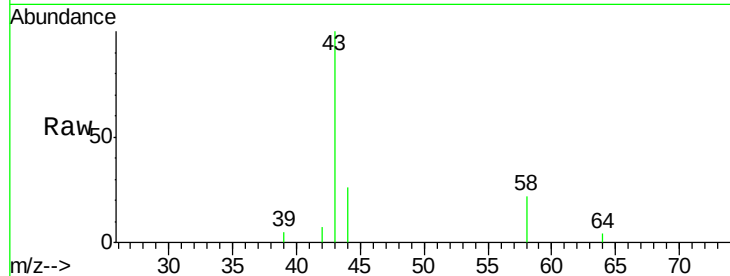
Acq: 29 Jan 2019 17:06

Tgt 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

2.31

2500

2000

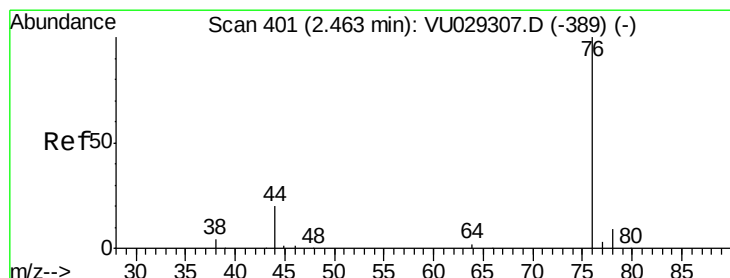
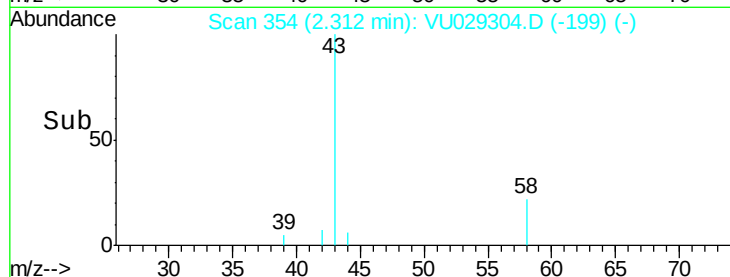
1500

1000

500

0

Time--> 2.25 2.30 2.35



#14

Carbon Disulfide

Concen: 1.000 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029304.D

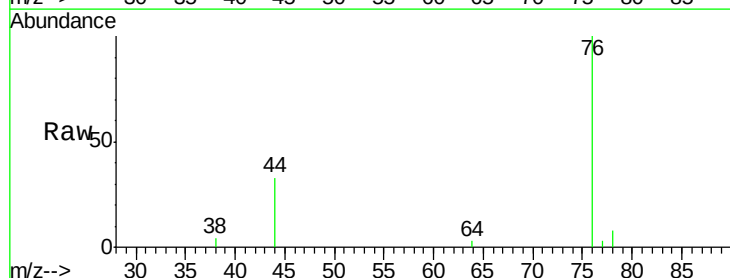
Acq: 29 Jan 2019 17:06

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

2.47

6000

5000

4000

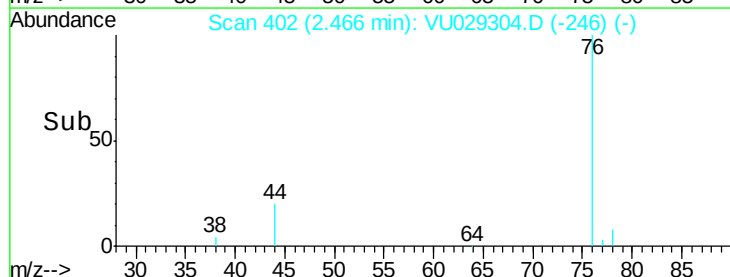
3000

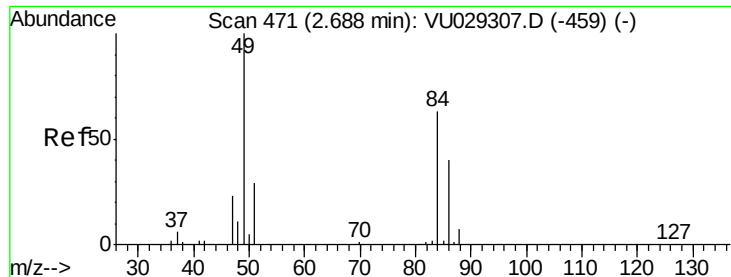
2000

1000

0

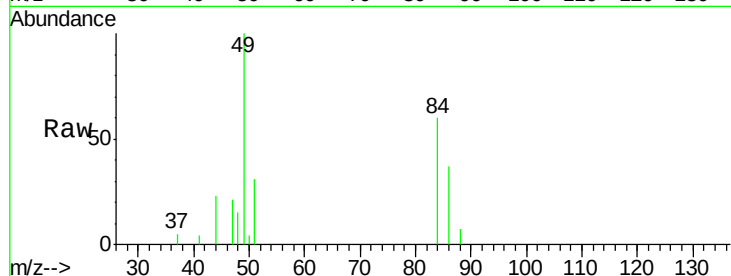
Time--> 2.40 2.45 2.50



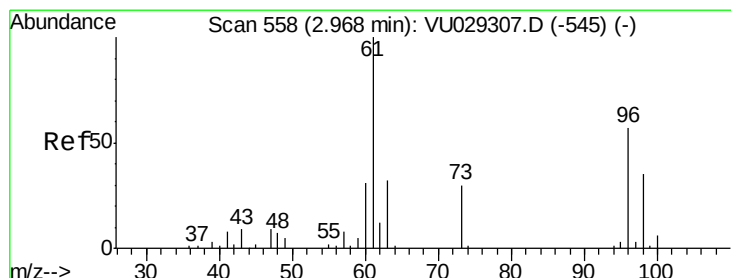
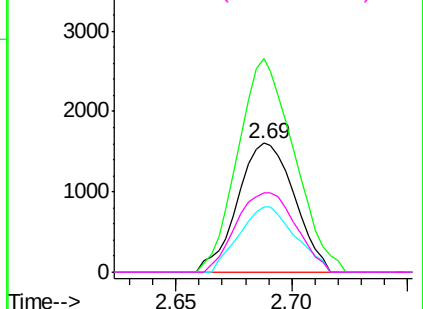
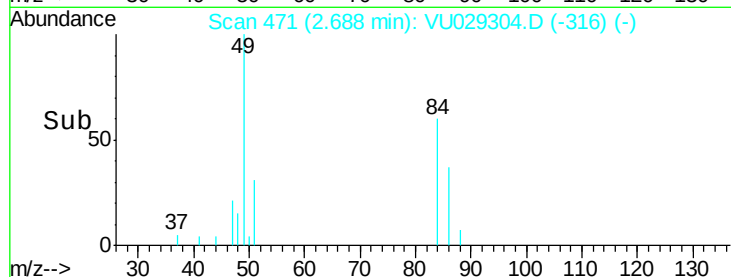


#15
Methylene Chloride
Concen: 1.001 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt 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

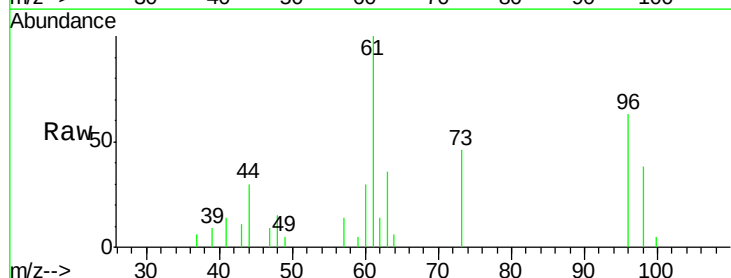


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

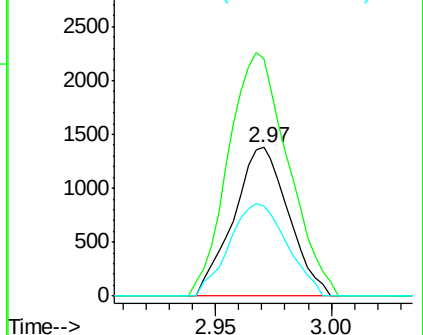
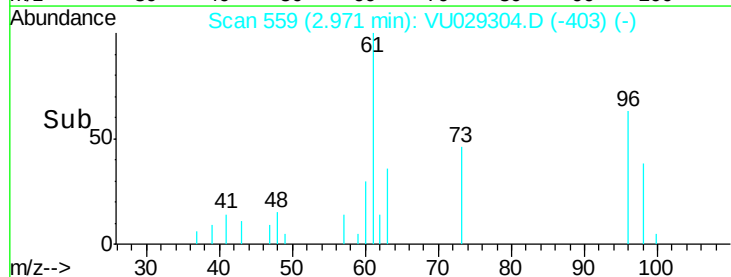


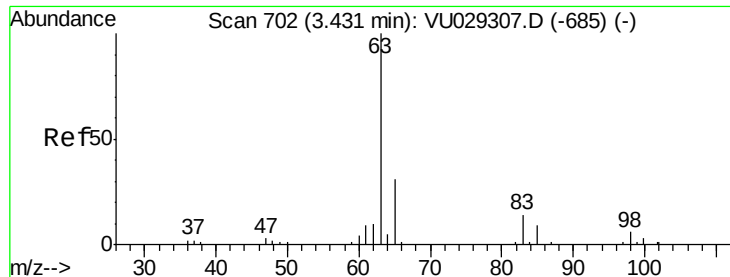
#16
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 2.97 min Scan# 559
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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



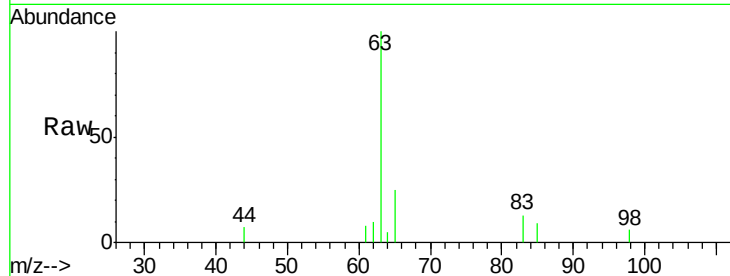
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



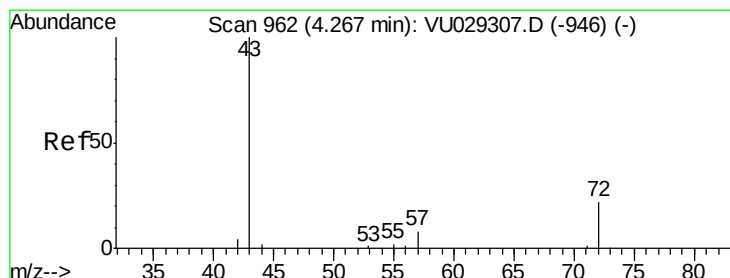
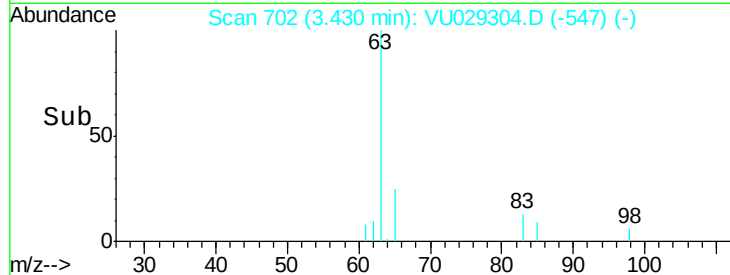
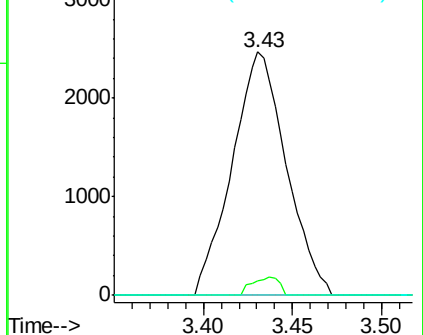


#17
 1,1-Dichloroethane
 Concen: 0.996 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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

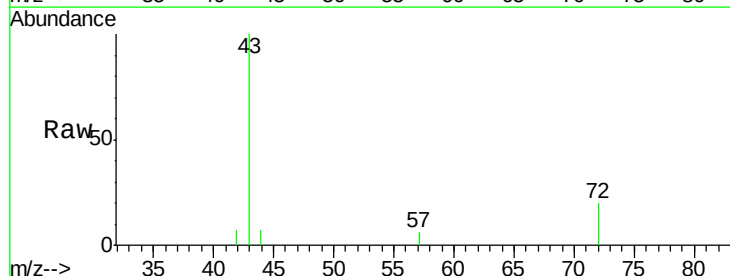


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

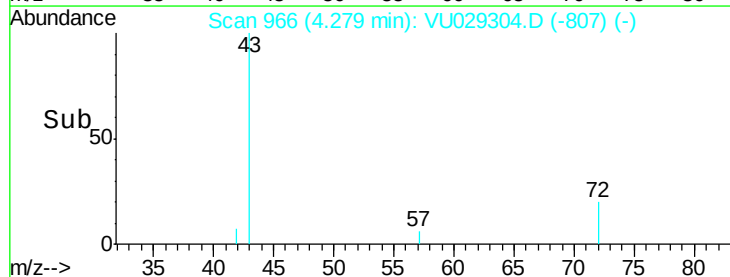
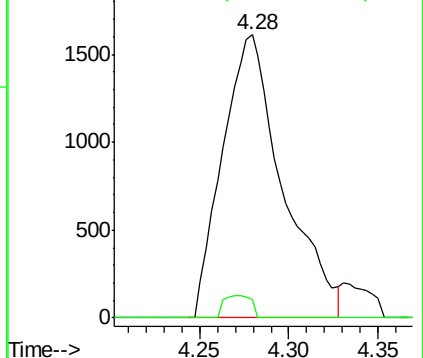


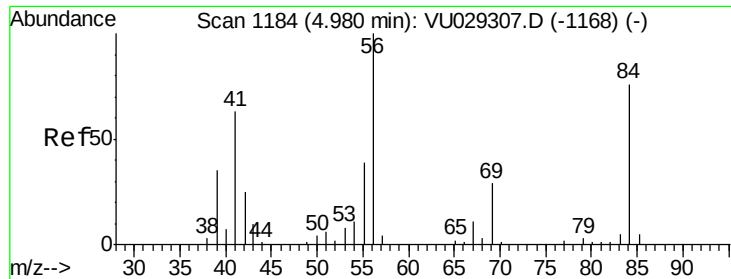
#18
 2-Butanone
 Concen: 4.599 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 43 Resp: 3785
 Ion Ratio Lower Upper
 43 100
 57 6.3 0.0 15.8



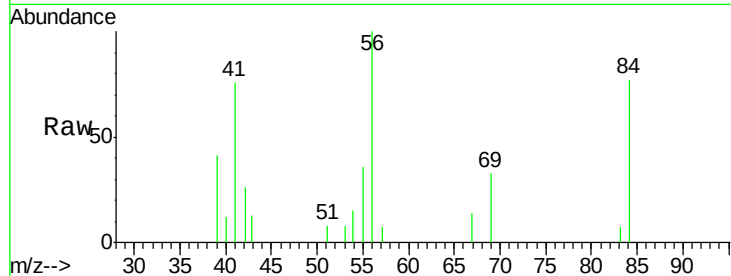
Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



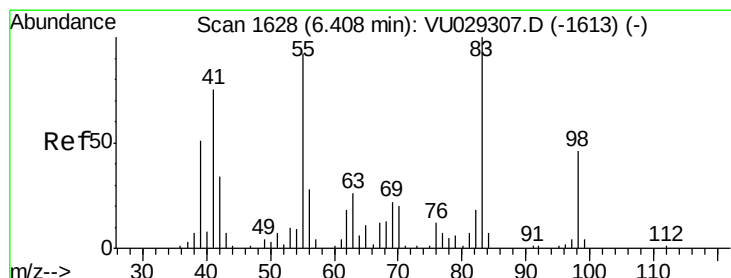
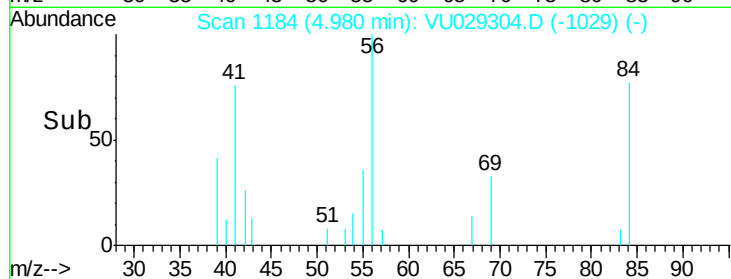
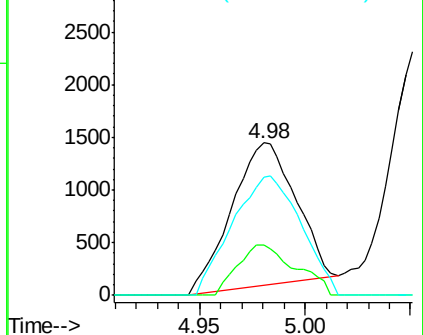


#19
Cyclohexane
Concen: 0.870 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 89.6 71.5 107.3

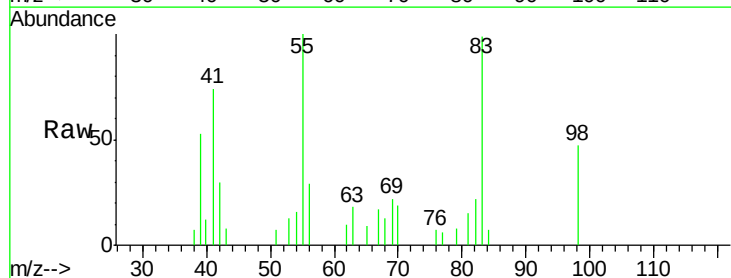


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

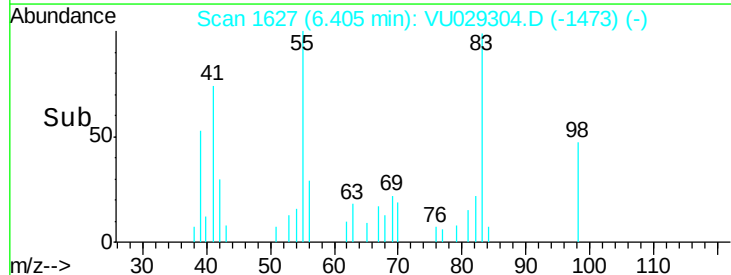
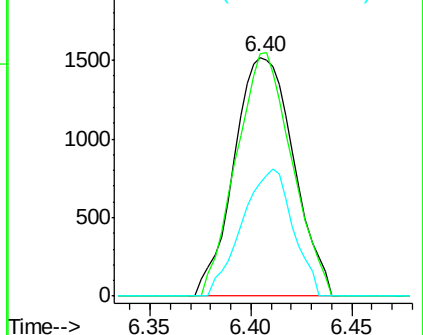


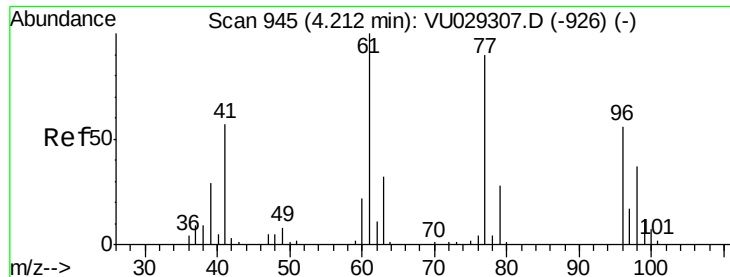
#20
Methylcyclohexane
Concen: 0.895 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

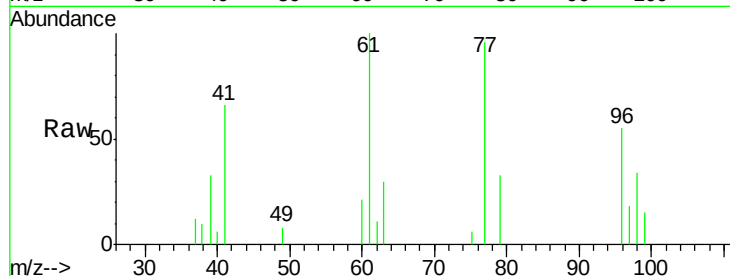
Acq: 29 Jan 2019 17:06

Tgt Ion: 77 Resp: 4647

Ion Ratio Lower Upper

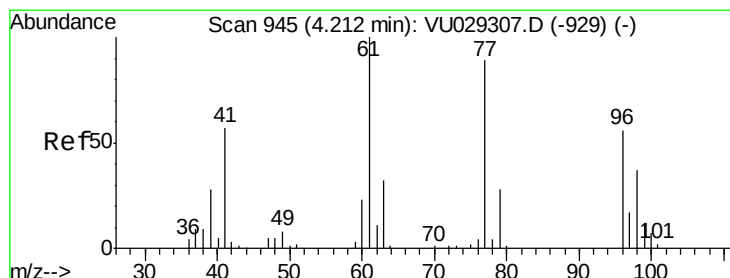
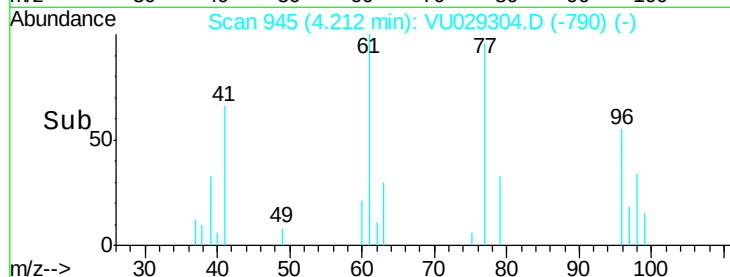
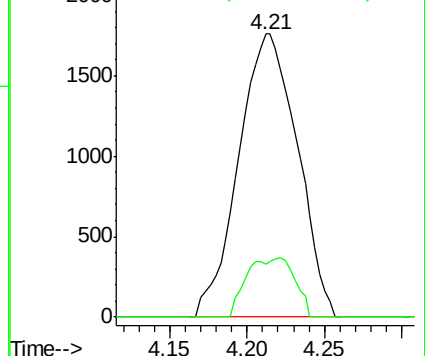
77 100

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

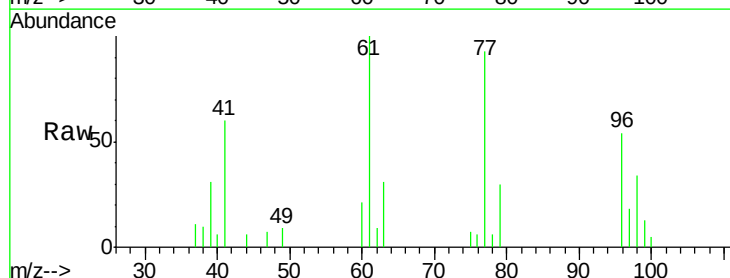
Tgt Ion: 96 Resp: 2567

Ion Ratio Lower Upper

96 100

61 170.7 0.0 460.0

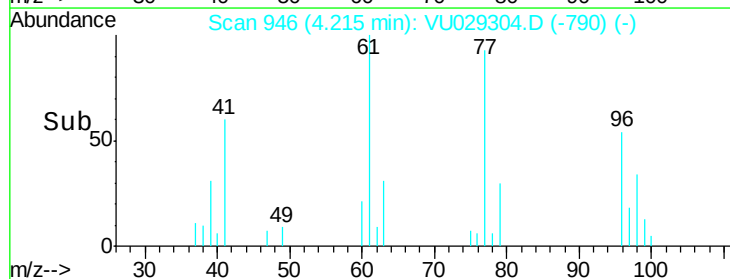
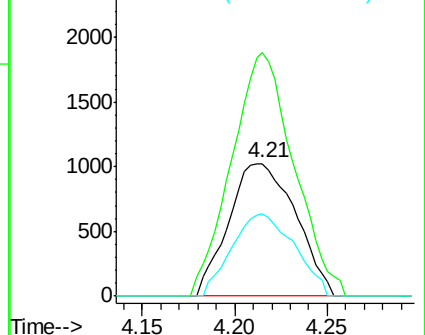
98 57.8 32.6 97.7

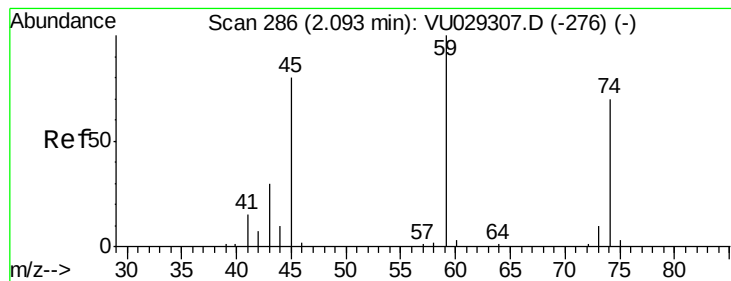


Abundance Ion 96.00 (95.70 to 96.70): VU0

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

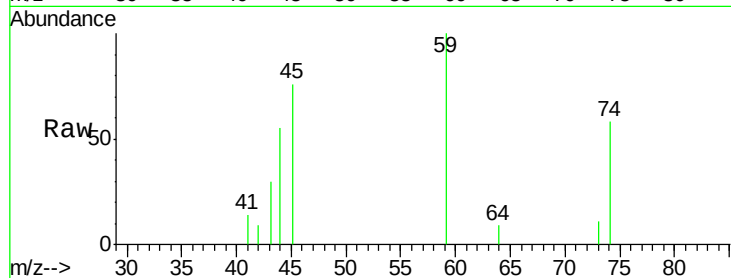
Tgt Ion: 59 Resp: 2103

Ion Ratio Lower Upper

59 100

45 82.1 64.2 96.4

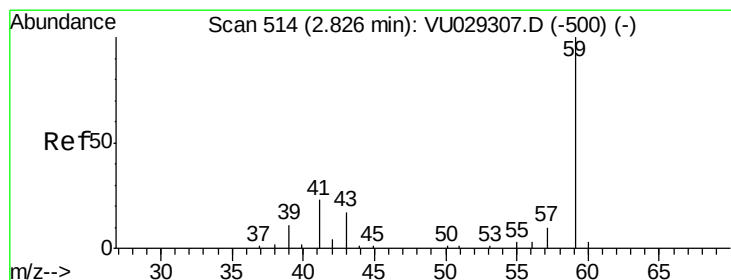
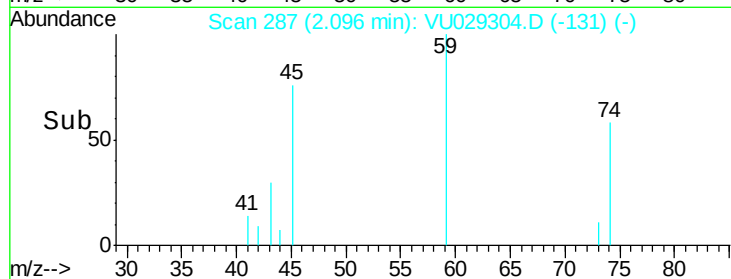
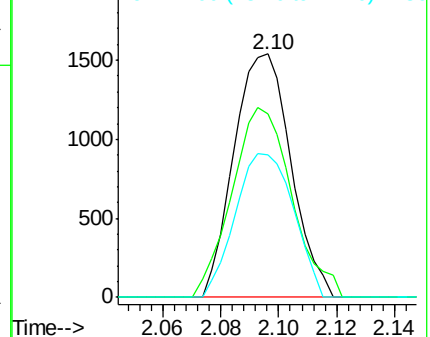
74 60.4 55.3 82.9



Abundance Ion 59.00 (58.70 to 59.70): VU029307.D (-276) (-)

Ion 45.00 (44.70 to 45.70): VU029307.D (-276) (-)

Ion 74.00 (73.70 to 74.70): VU029307.D (-276) (-)



#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

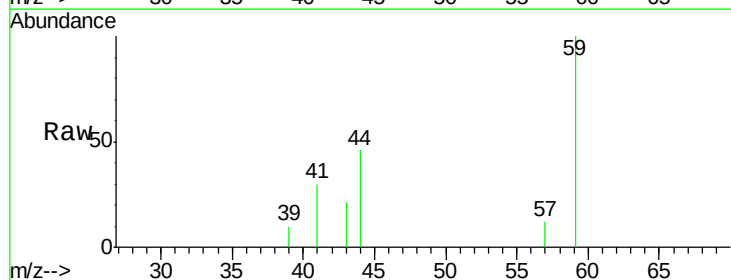
Acq: 29 Jan 2019 17:06

Tgt Ion: 59 Resp: 2726

Ion Ratio Lower Upper

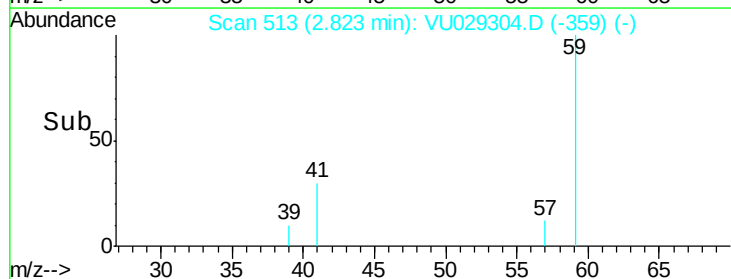
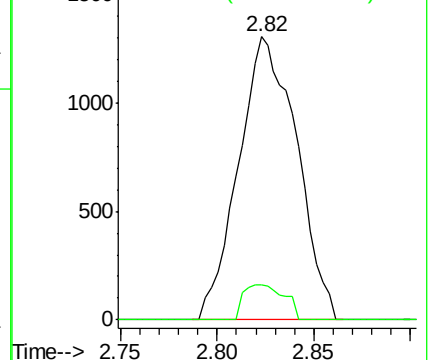
59 100

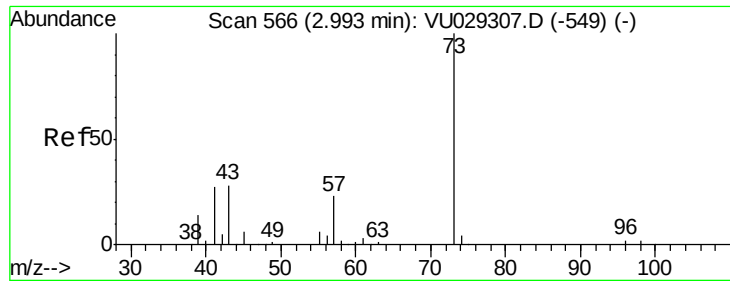
57 8.6 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VU029307.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU029307.D (-500) (-)





#25

Methyl tert-Butyl Ether

Concen: 1.021 ug/l

RT: 2.99 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU029304.D

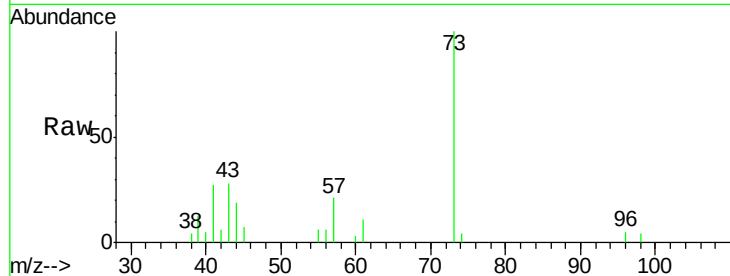
Acq: 29 Jan 2019 17:06

Tgt Ion: 73 Resp: 7231

Ion Ratio Lower Upper

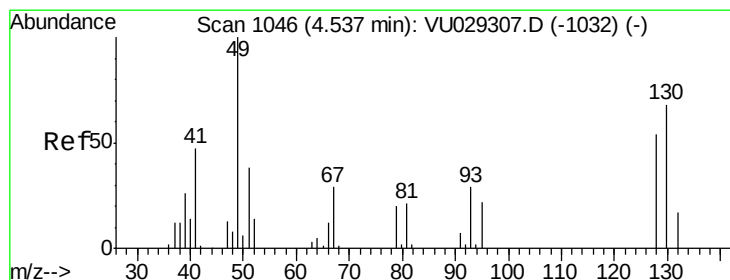
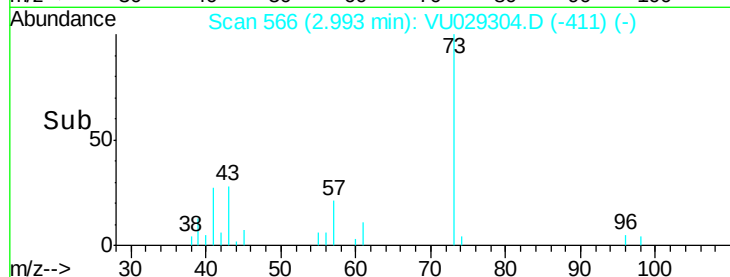
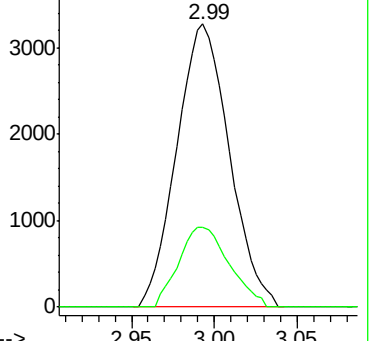
73 100

43 27.2 22.1 33.1



Abundance Ion 73.00 (72.70 to 73.70): VU029307.D (-549) (-)

Ion 43.00 (42.70 to 43.70): VU029307.D (-549) (-)



#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

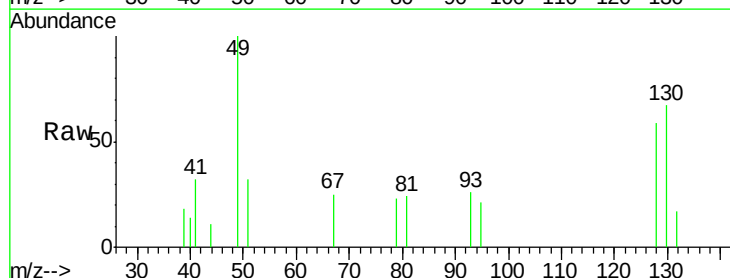
Tgt Ion: 128 Resp: 1042

Ion Ratio Lower Upper

128 100

49 201.6 0.0 401.6

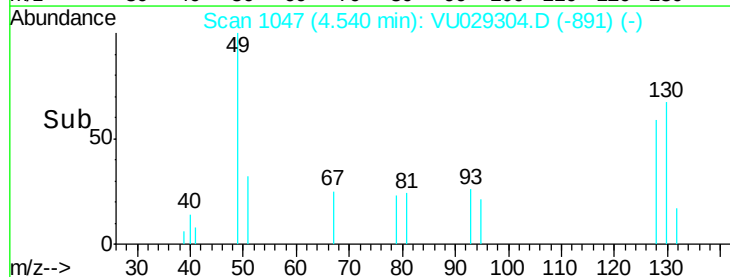
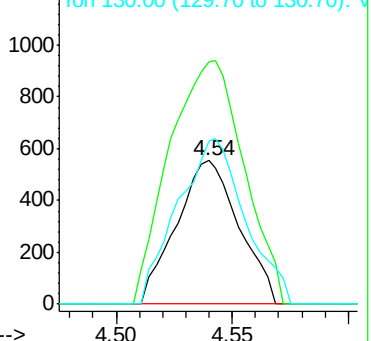
130 124.1 108.0 162.0

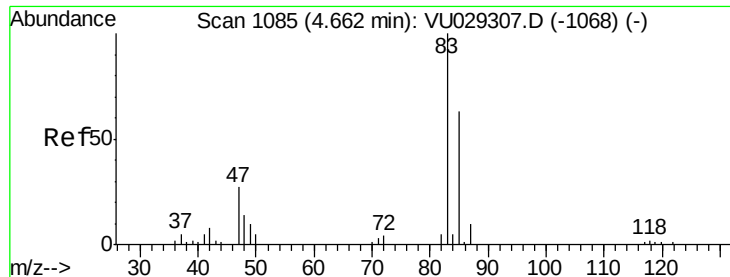


Abundance Ion 128.00 (127.70 to 128.70): VU029307.D (-1032) (-)

Ion 49.00 (48.70 to 49.70): VU029307.D (-1032) (-)

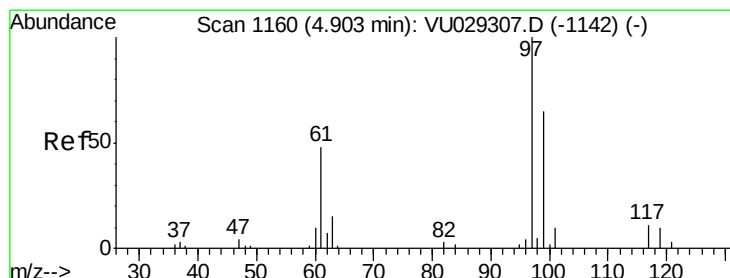
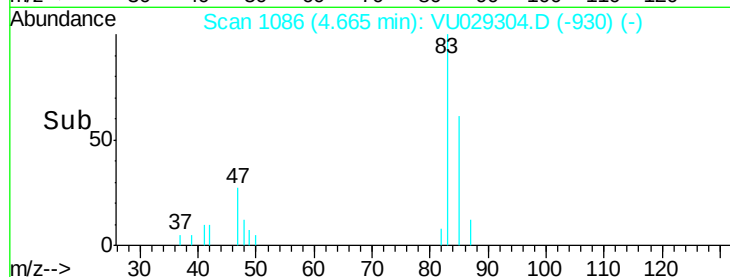
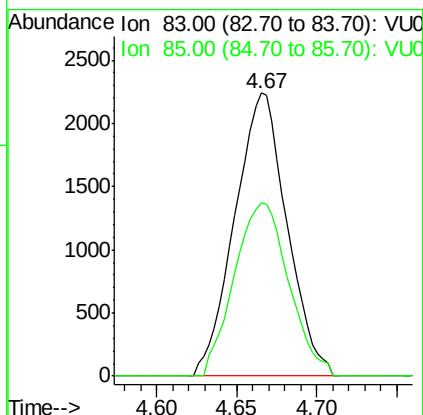
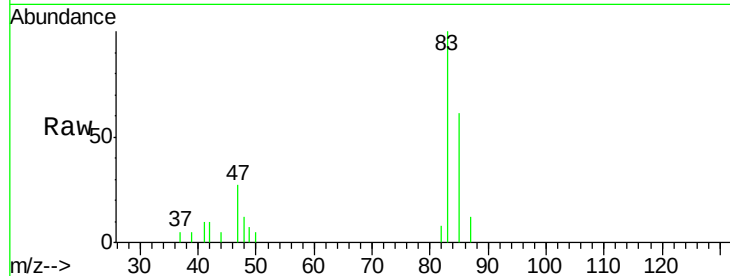
Ion 130.00 (129.70 to 130.70): VU029307.D (-1032) (-)





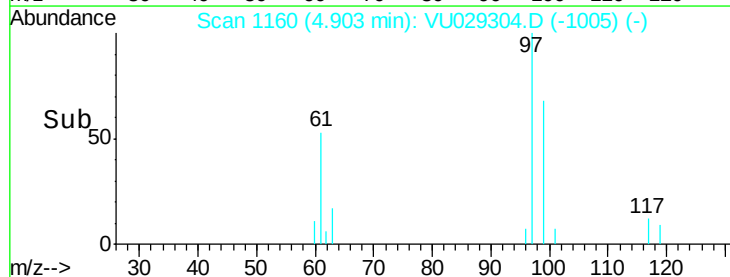
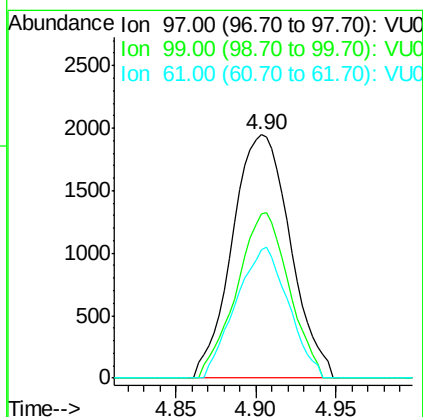
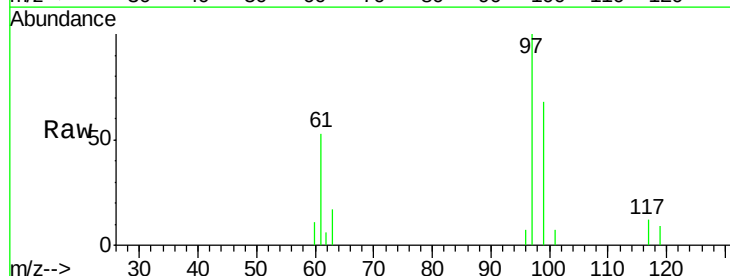
#27
Chloroform
Concen: 0.978 ug/l
RT: 4.67 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

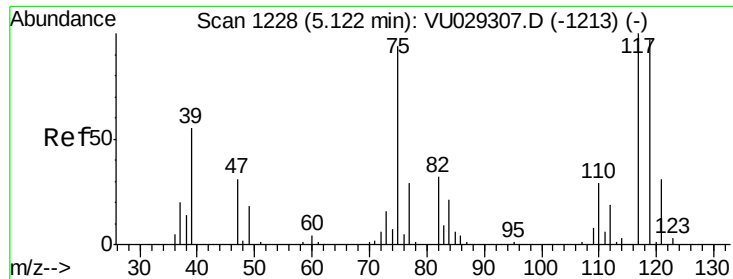
Tgt Ion: 83 Resp: 5010
Ion Ratio Lower Upper
83 100
85 61.1 0.0 126.6



#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





#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

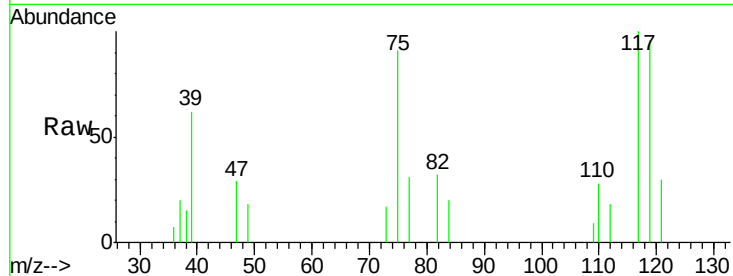
Tgt Ion: 75 Resp: 3292

Ion Ratio Lower Upper

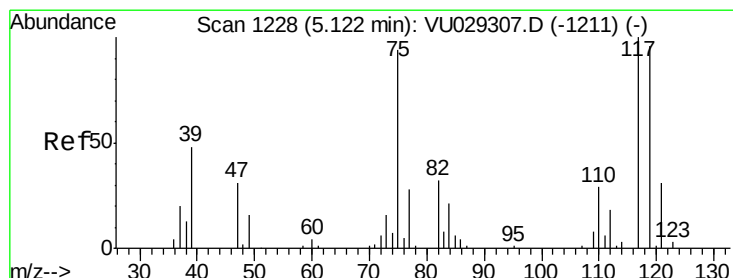
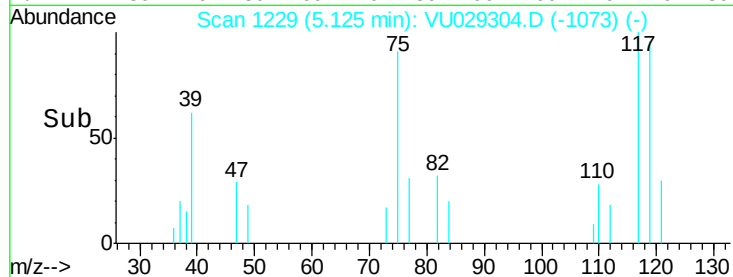
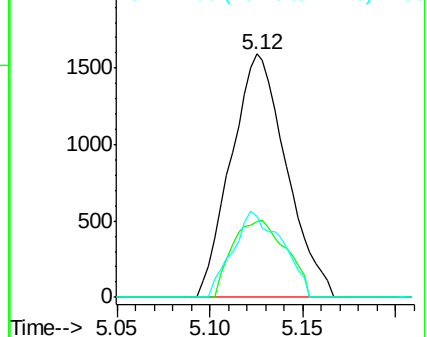
75 100

110 30.7 15.4 46.2

77 31.7 24.1 36.1



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



#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

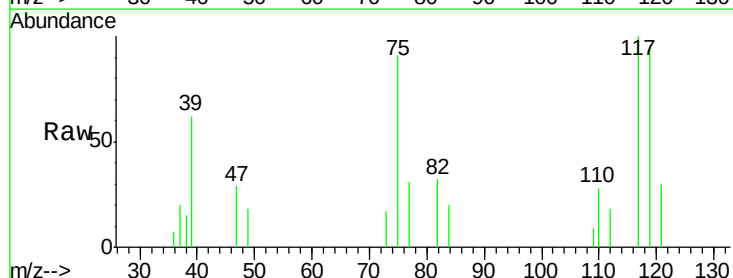
Tgt Ion: 117 Resp: 4013

Ion Ratio Lower Upper

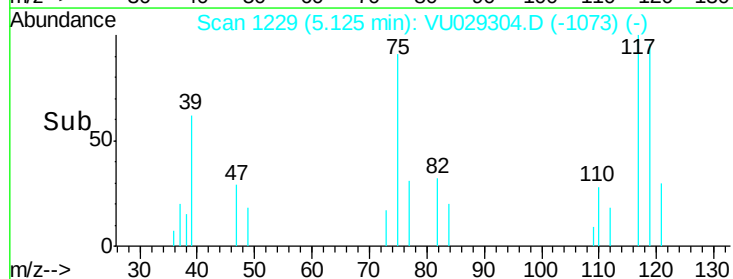
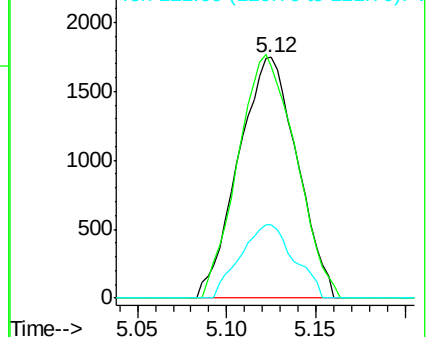
117 100

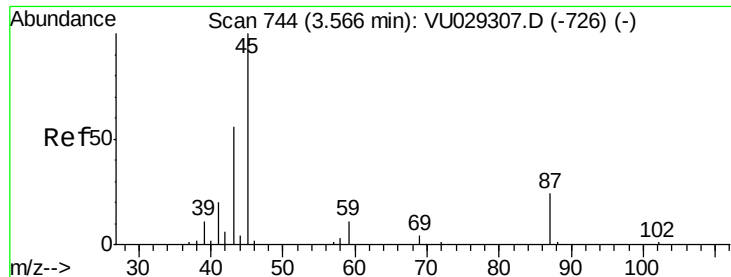
119 96.3 76.8 115.2

121 30.4 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 0.872 ug/l

RT: 3.57 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU029304.D

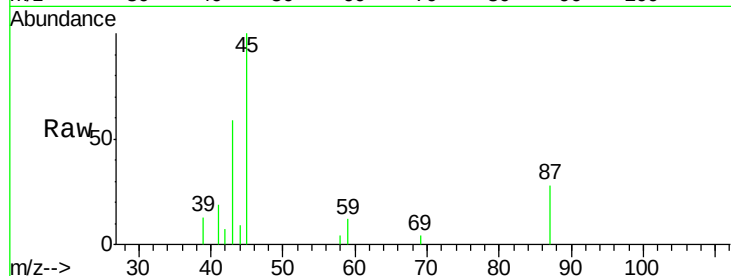
Acq: 29 Jan 2019 17:06

Tgt Ion: 45 Resp: 7241

Ion Ratio Lower Upper

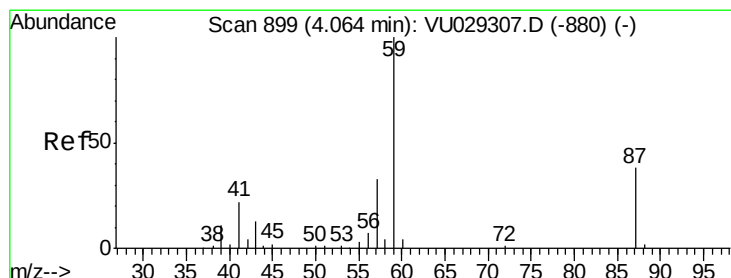
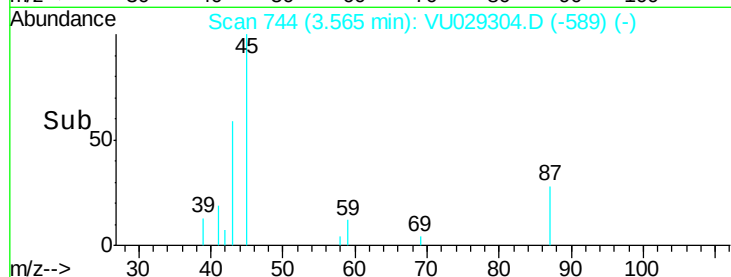
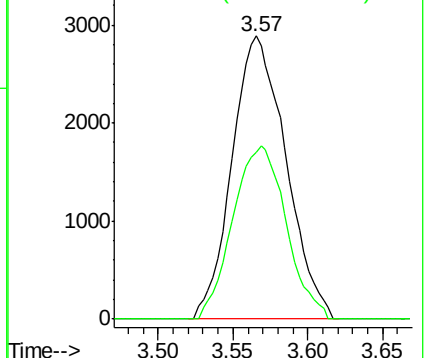
45 100

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

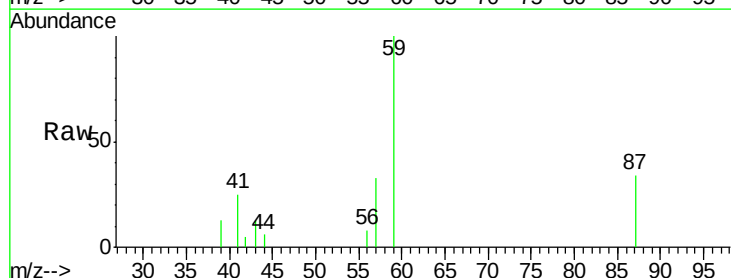
Acq: 29 Jan 2019 17:06

Tgt Ion: 59 Resp: 6693

Ion Ratio Lower Upper

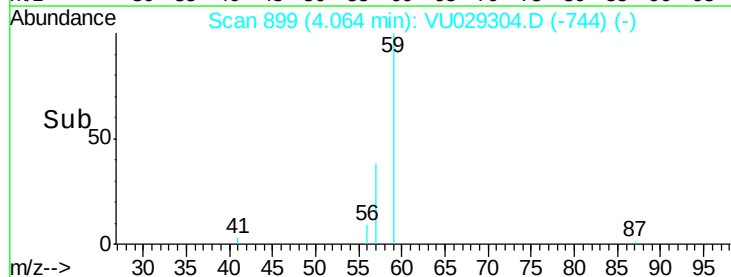
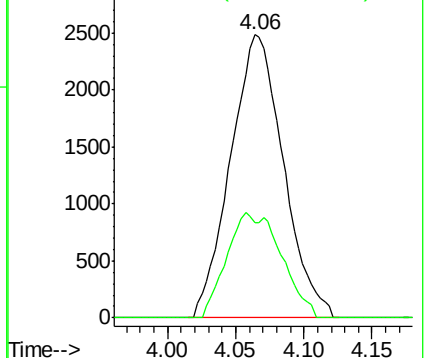
59 100

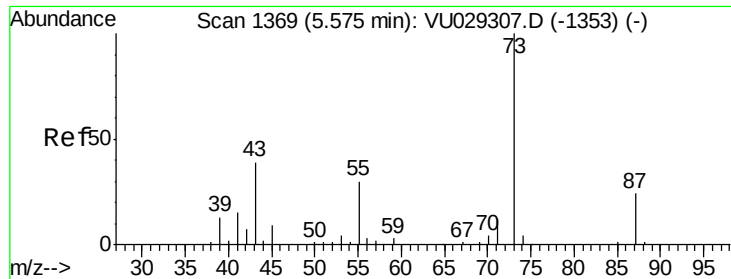
87 38.1 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

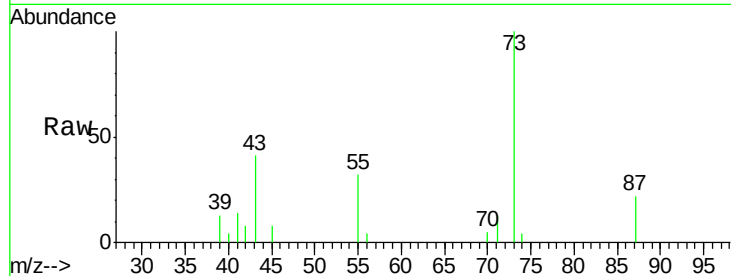
Ion 87.00 (86.70 to 87.70): VU0



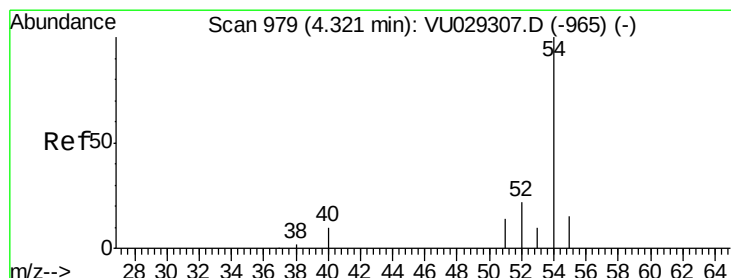
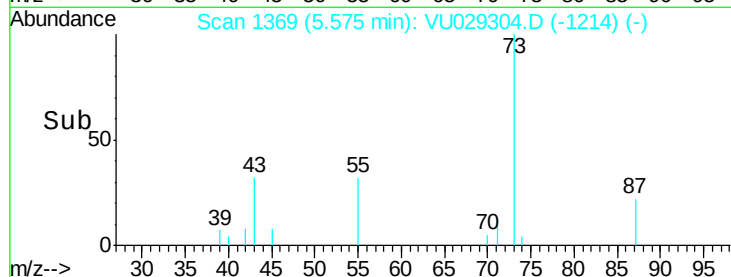
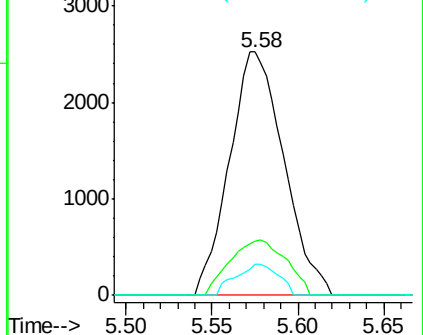


#33
 Tert-Amyl methyl ether
 Concen: 0.951 ug/l
 RT: 5.58 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 73 Resp: 5552
 Ion Ratio Lower Upper
 73 100
 87 23.2 19.4 29.0
 71 9.9 9.0 13.4

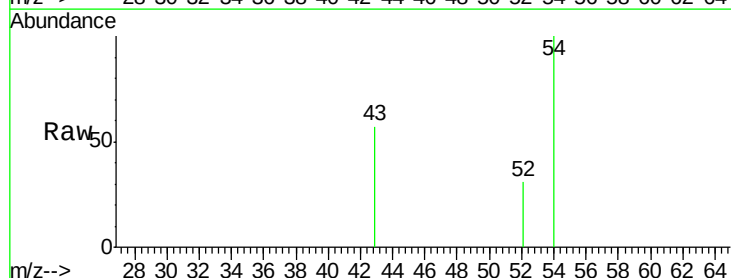


Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0

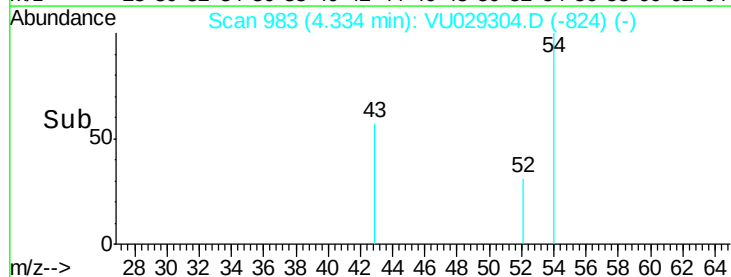
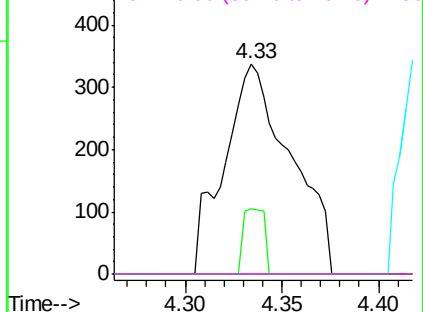


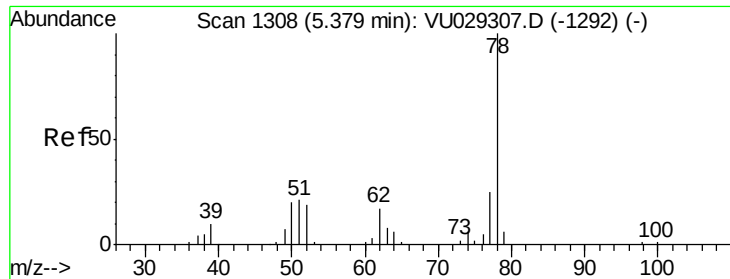
#34
 Propionitrile
 Concen: 3.931 ug/l
 RT: 4.33 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 54 Resp: 807
 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

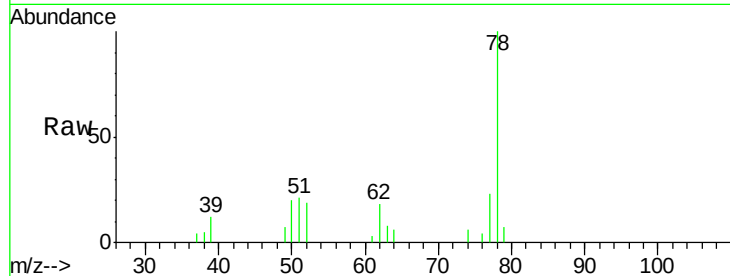
Acq: 29 Jan 2019 17:06

Tgt Ion: 78 Resp: 9354

Ion Ratio Lower Upper

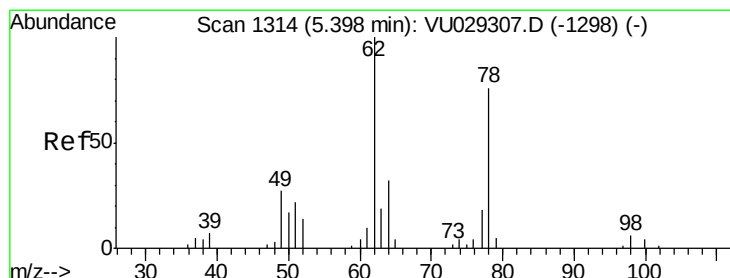
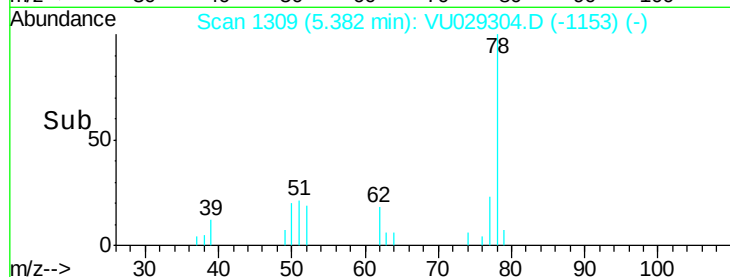
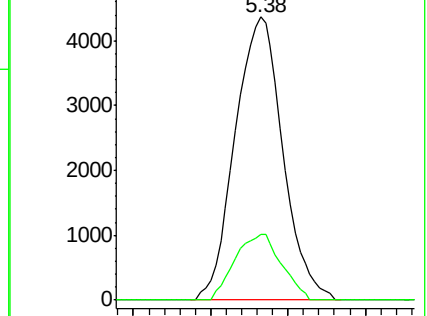
78 100

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

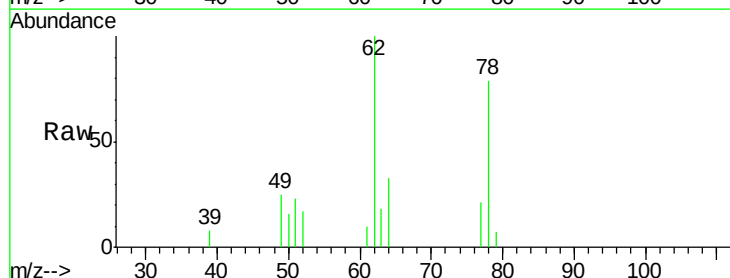
Acq: 29 Jan 2019 17:06

Tgt Ion: 62 Resp: 3932

Ion Ratio Lower Upper

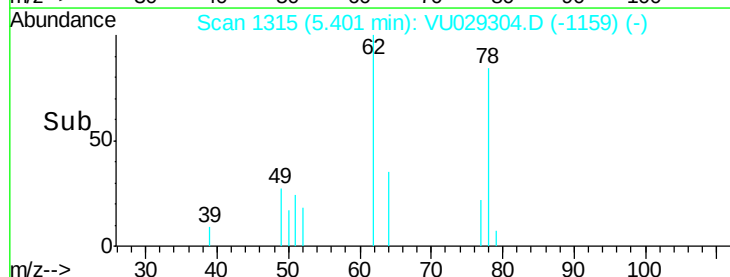
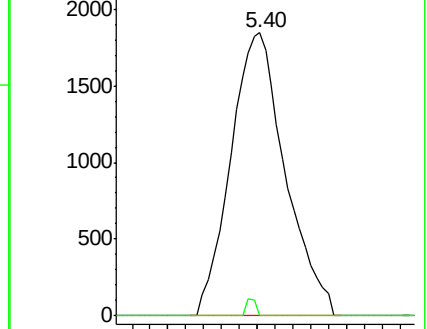
62 100

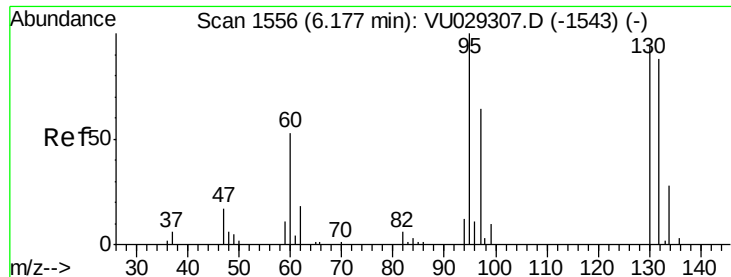
98 1.1 4.9 7.3#



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

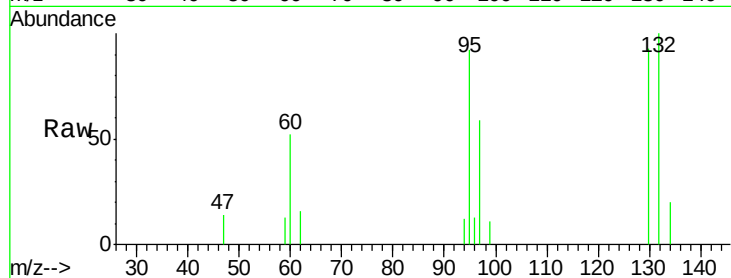
Acq: 29 Jan 2019 17:06

Tgt Ion: 130 Resp: 2378

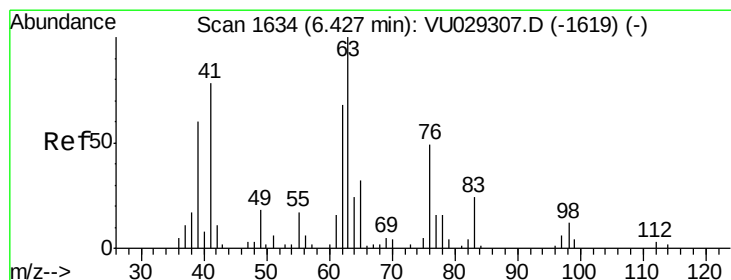
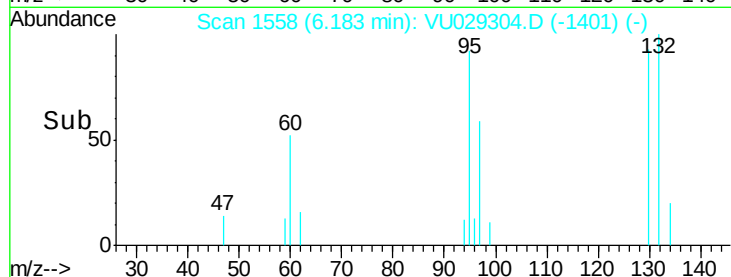
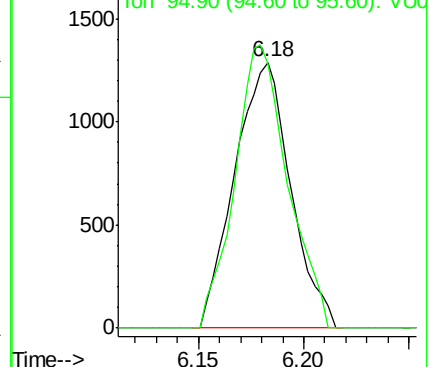
Ion Ratio Lower Upper

130 100

95 99.6 85.4 128.0



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



#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

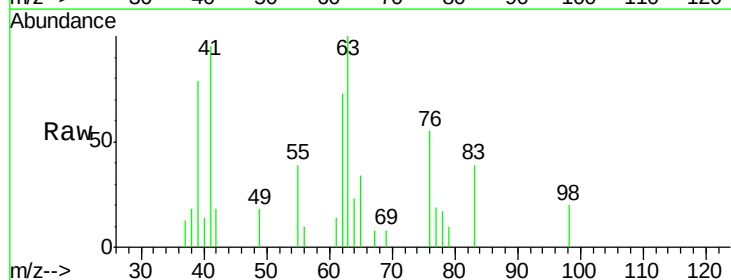
Acq: 29 Jan 2019 17:06

Tgt Ion: 63 Resp: 2489

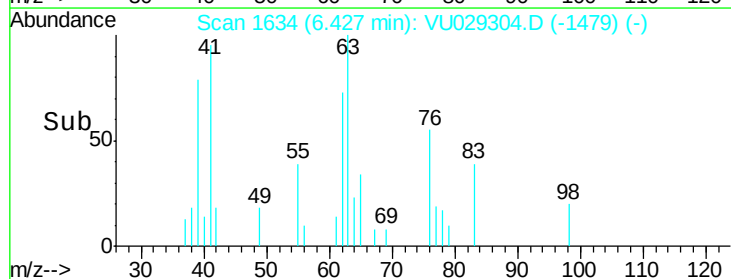
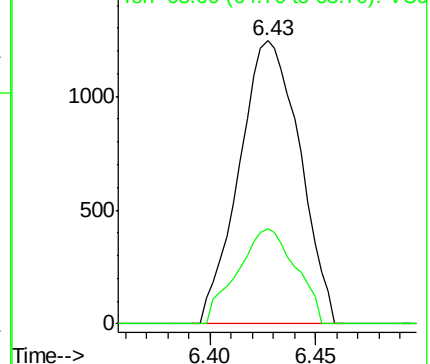
Ion Ratio Lower Upper

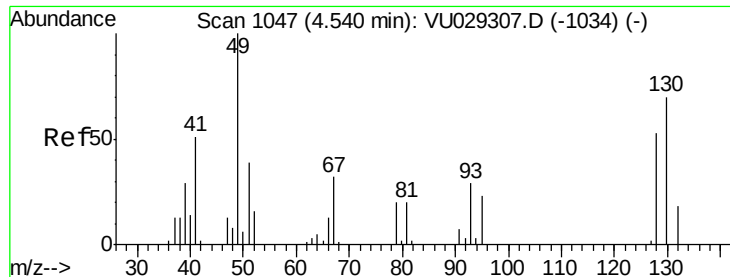
63 100

65 33.5 25.5 38.3



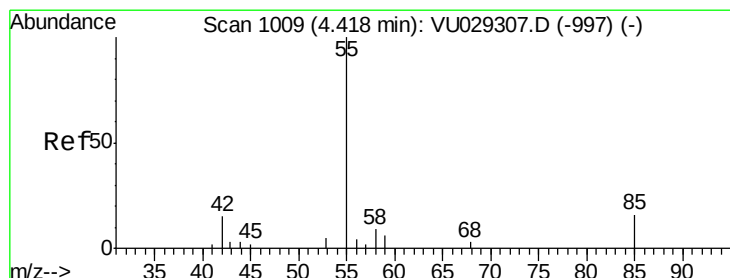
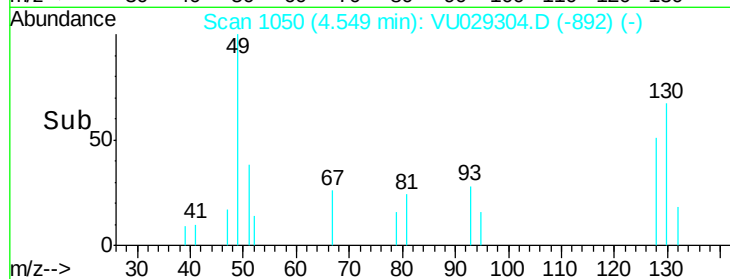
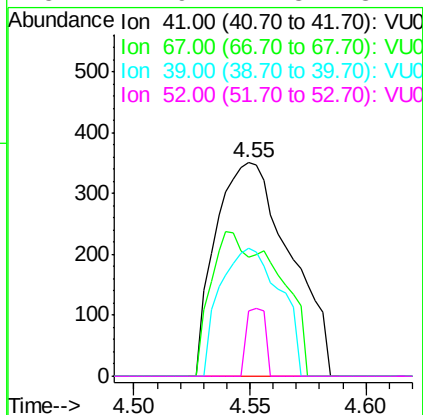
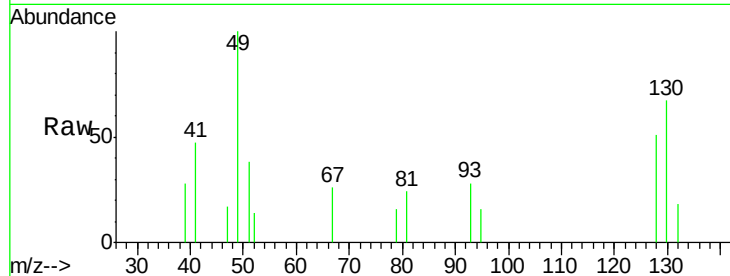
Abundance Ion 63.00 (62.70 to 63.70): VU029307.D (-1619) (-)





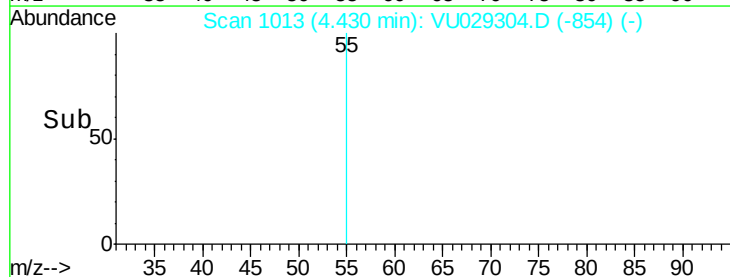
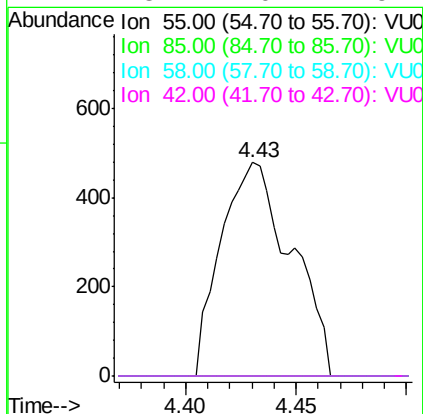
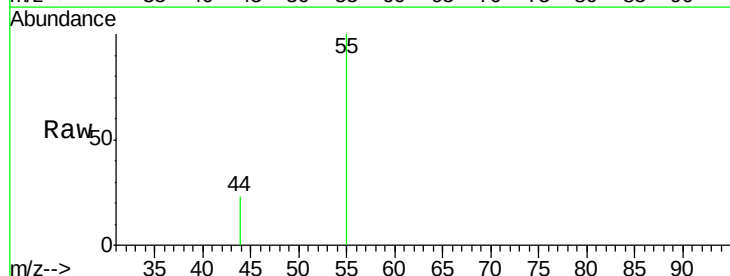
#39
Methacrylonitrile
Concen: 0.801 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

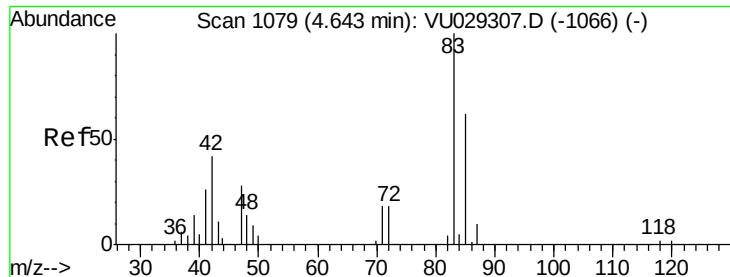
Tgt Ion: 41 Resp: 783
Ion Ratio Lower Upper
41 100
67 61.7 50.1 75.1
39 48.0 47.9 71.9
52 7.9 24.8 37.2#



#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





#41

Tetrahydrofuran

Concen: 1.571 ug/l

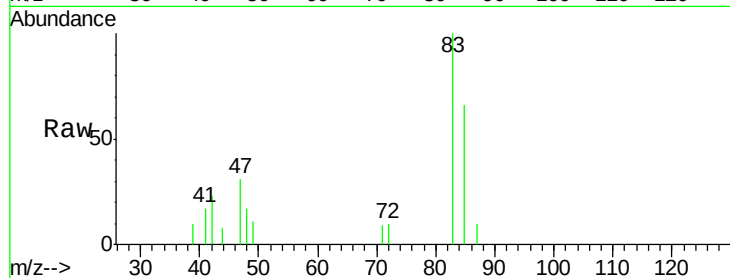
RT: 4.65 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

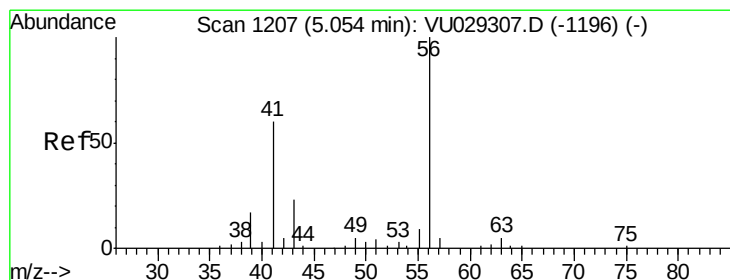
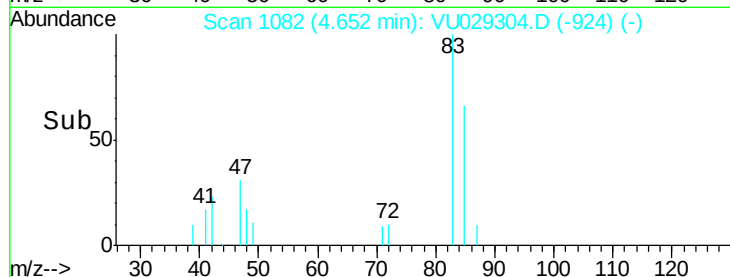
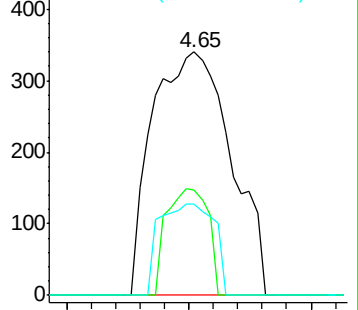
Tgt Ion:	42	Resp:	760
Ion	Ratio	Lower	Upper
42	100		
72	23.2	33.1	49.7#
71	26.2	30.2	45.2#



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



#42

1-Chlorobutane

Concen: 0.968 ug/l

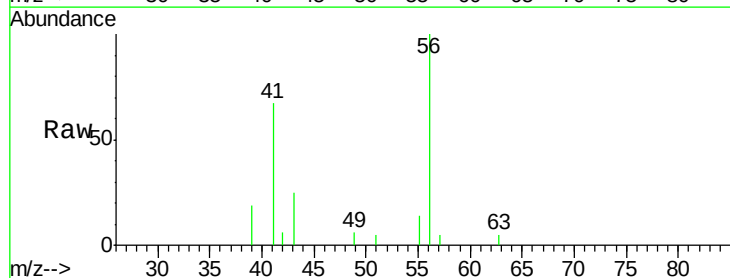
RT: 5.06 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU029304.D

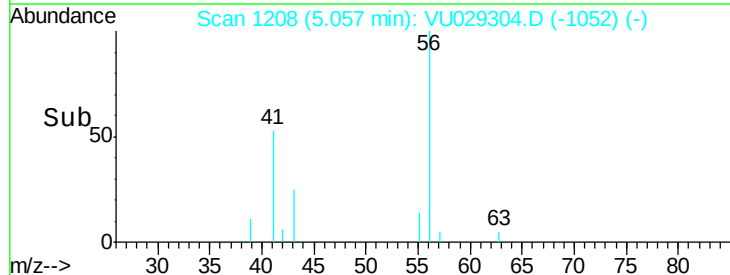
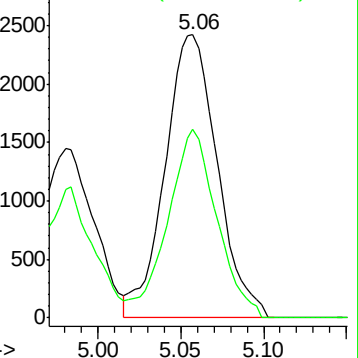
Acq: 29 Jan 2019 17:06

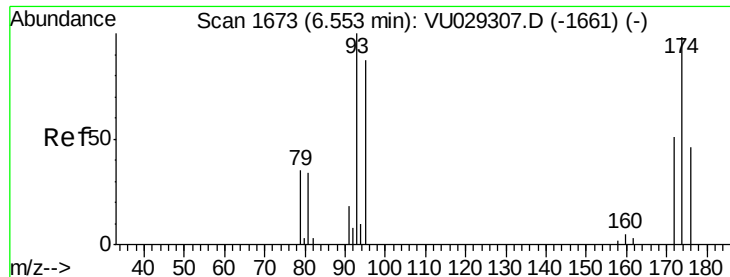
Tgt Ion:	56	Resp:	5317
Ion	Ratio	Lower	Upper
56	100		
41	62.3	31.3	93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#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

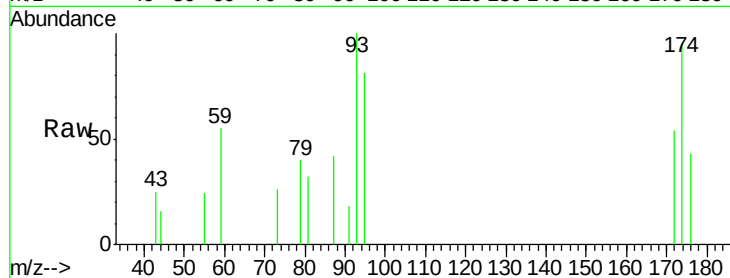
Tgt Ion: 93 Resp: 1241

Ion Ratio Lower Upper

93 100

95 81.5 68.2 102.2

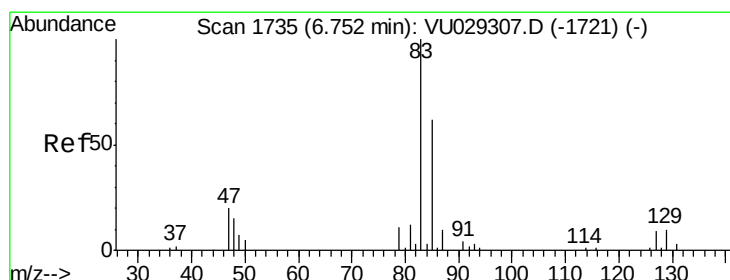
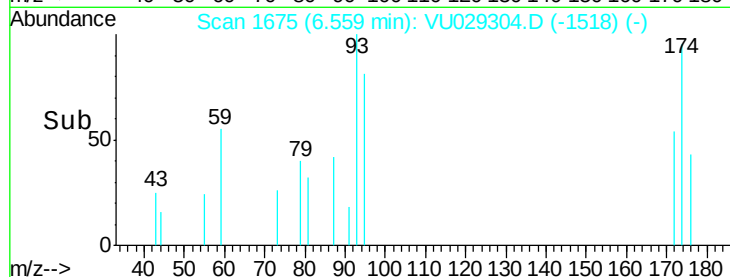
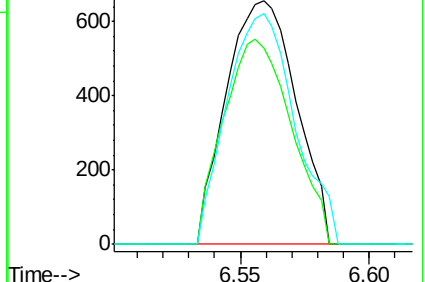
174 91.9 77.6 116.4



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

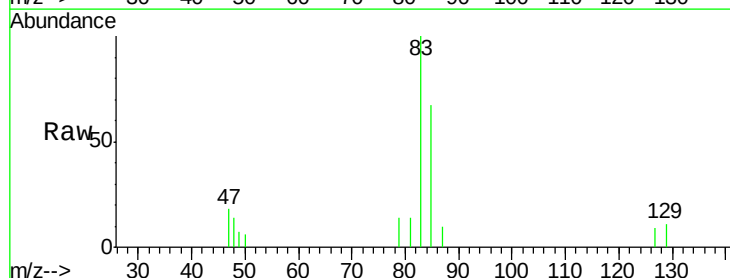
Tgt Ion: 83 Resp: 3751

Ion Ratio Lower Upper

83 100

85 66.8 49.2 73.8

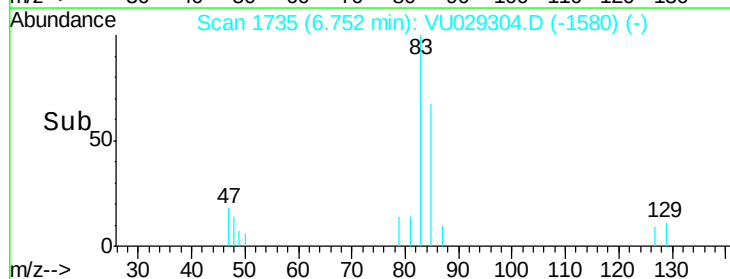
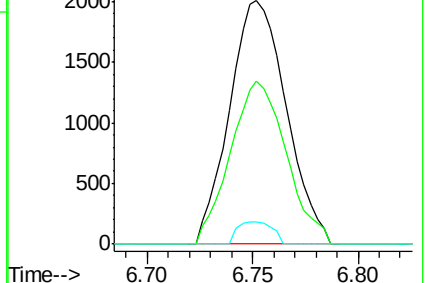
127 9.1 7.0 10.6

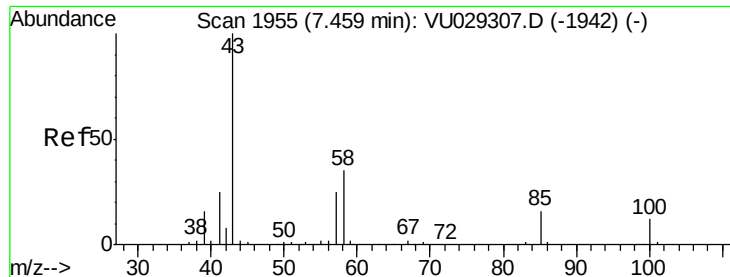


Abundance Ion 83.00 (82.70 to 83.70): VU0

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

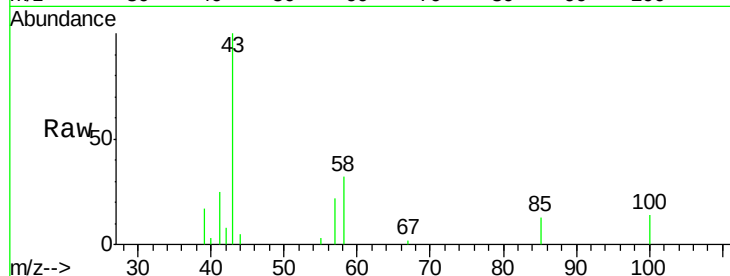
RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

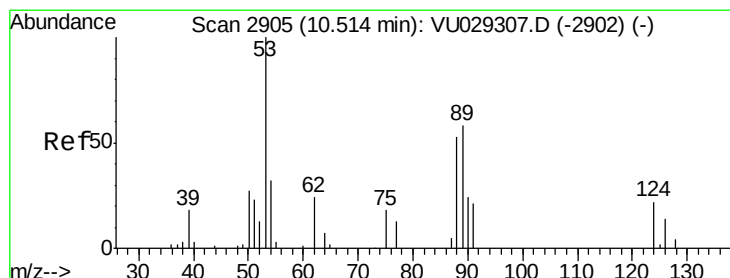
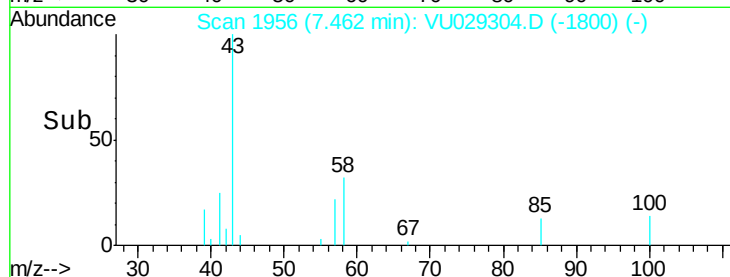
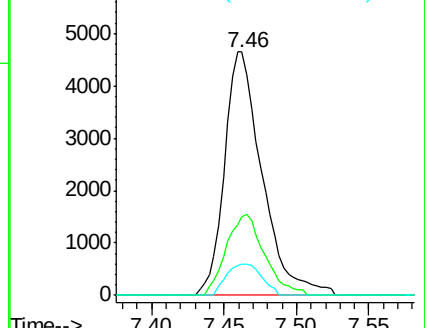
Tgt Ion:	43	Resp:	8347
Ion	Ratio	Lower	Upper
43	100		
58	33.8	17.6	52.8
85	11.9	12.3	18.5#



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: 2.415 ug/l

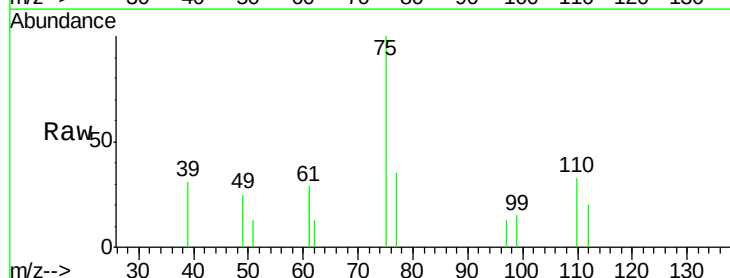
RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU029304.D

Acq: 29 Jan 2019 17:06

Tgt Ion:	75	Resp:	1590
Ion	Ratio	Lower	Upper
75	100		
53	70.3	78.2	117.4#
89	33.8	44.2	66.4#
88	37.0	41.4	62.2#

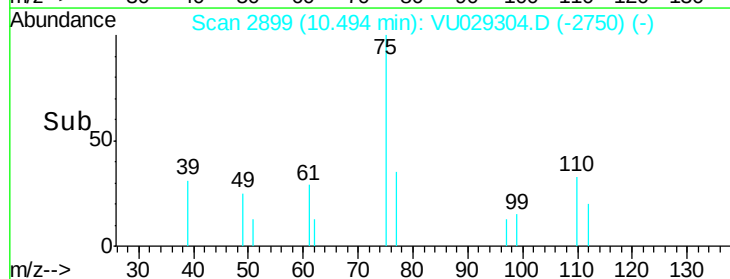
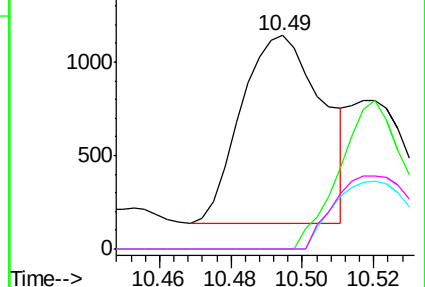


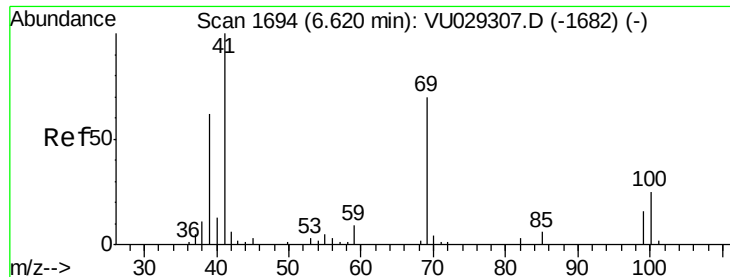
Abundance Ion 74.90 (74.60 to 75.60): VU0

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

Tgt Ion: 69 Resp: 2119

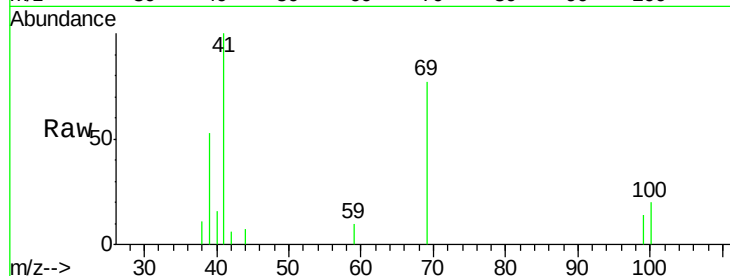
Ion Ratio Lower Upper

69 100

41 143.5 0.0 296.2

39 81.5 71.2 106.8

100 29.2 28.6 42.8

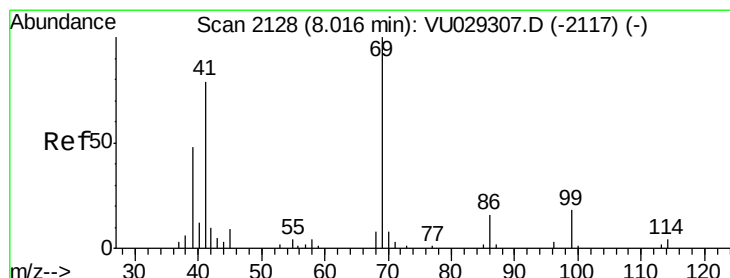
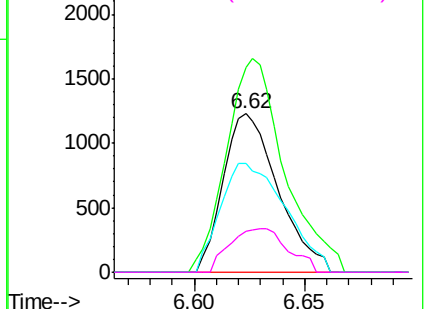
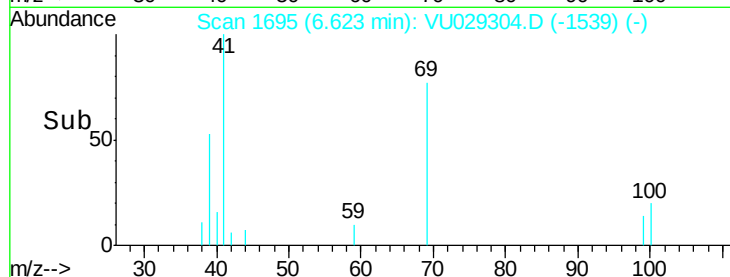


Abundance Ion 69.00 (68.70 to 69.70): VU029304.D (-1693) (-)

Ion 41.00 (40.70 to 41.70): VU029304.D (-1693) (-)

Ion 39.00 (38.70 to 39.70): VU029304.D (-1693) (-)

Ion 100.00 (99.70 to 100.70): VU029304.D (-1693) (-)



#48

Ethyl methacrylate

Concen: 0.858 ug/l

RT: 8.02 min Scan# 2130

Delta R.T. 0.01 min

Lab File: VU029304.D

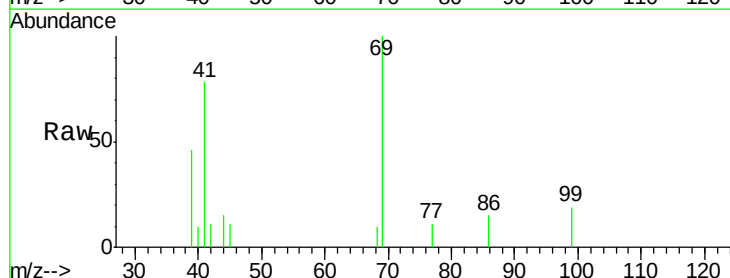
Acq: 29 Jan 2019 17:06

Tgt Ion: 69 Resp: 1880

Ion Ratio Lower Upper

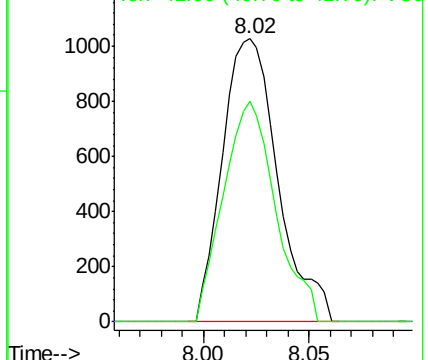
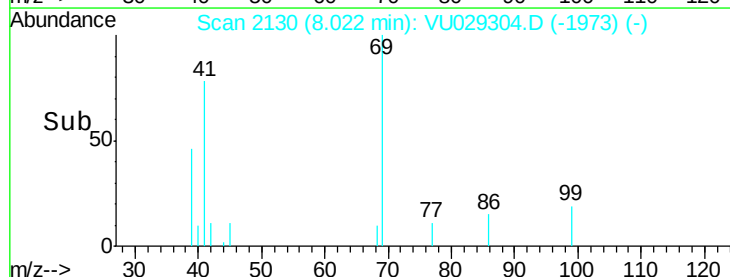
69 100

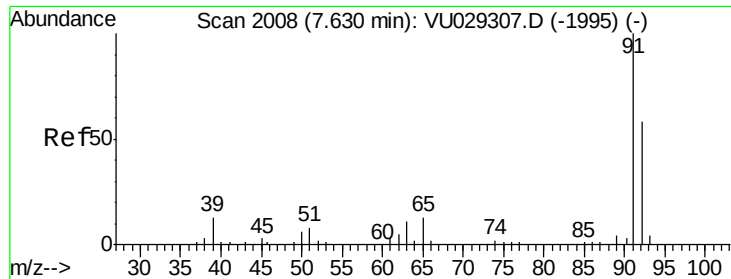
41 73.1 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU029304.D (-2129) (-)

Ion 41.00 (40.70 to 41.70): VU029304.D (-2129) (-)





#49

Toluene

Concen: 0.920 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029304.D

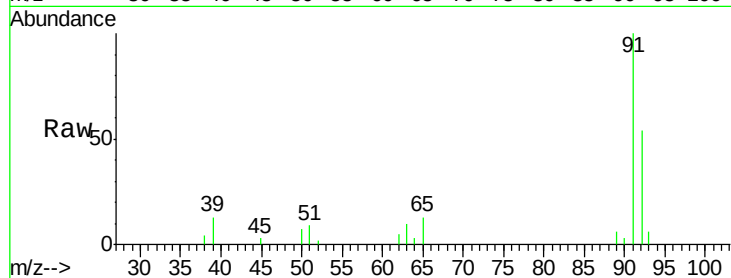
Acq: 29 Jan 2019 17:06

Tgt Ion: 92 Resp: 5111

Ion Ratio Lower Upper

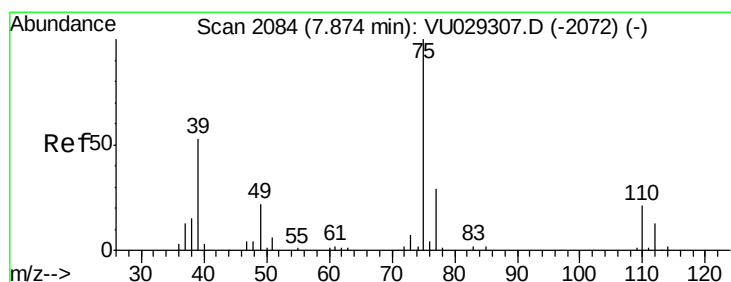
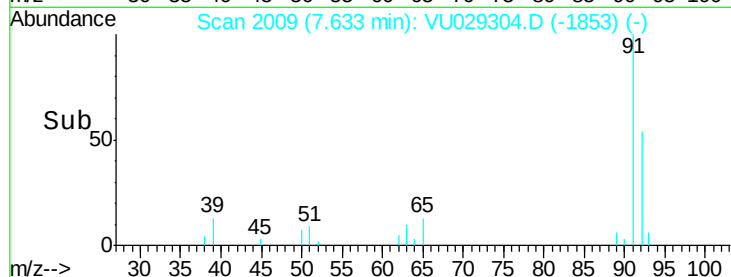
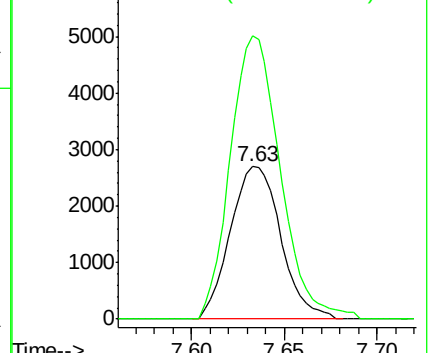
92 100

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

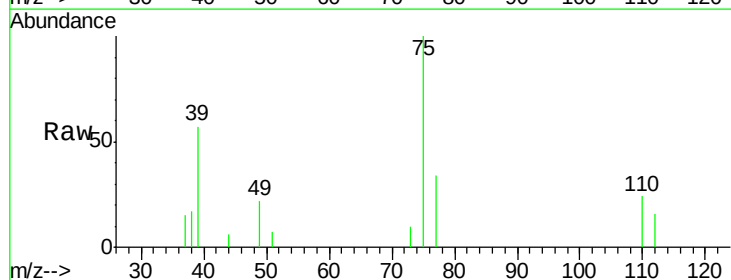
Acq: 29 Jan 2019 17:06

Tgt Ion: 75 Resp: 3033

Ion Ratio Lower Upper

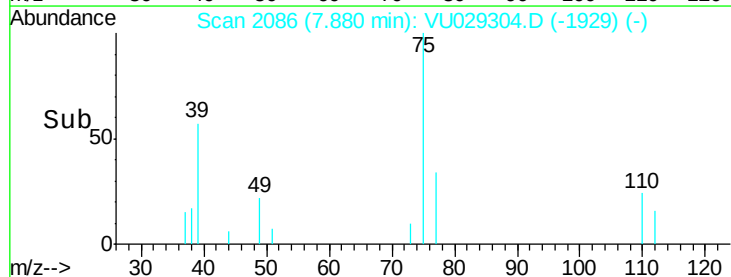
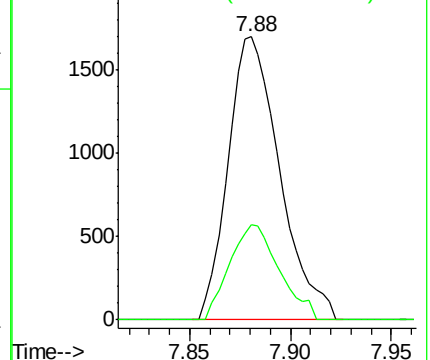
75 100

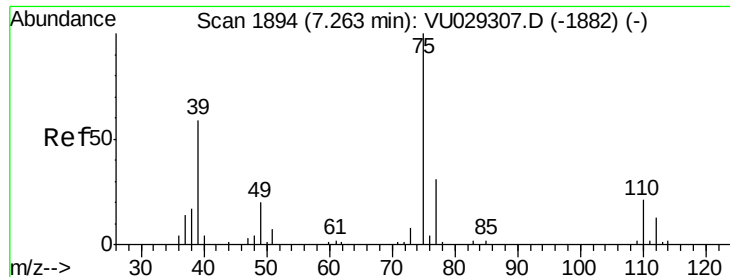
77 33.6 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

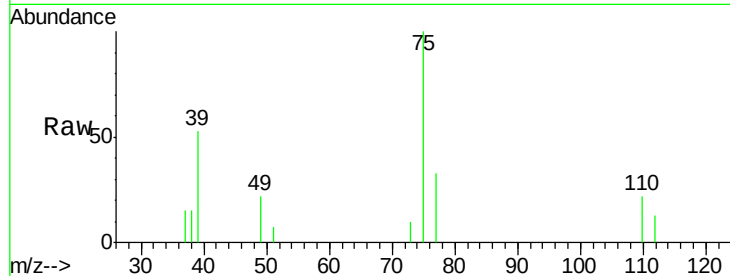




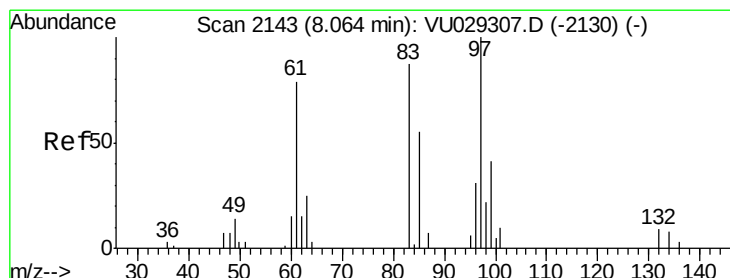
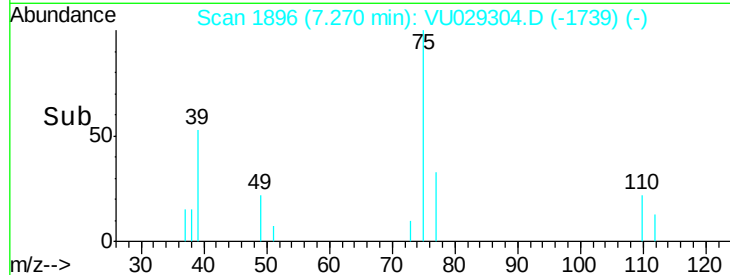
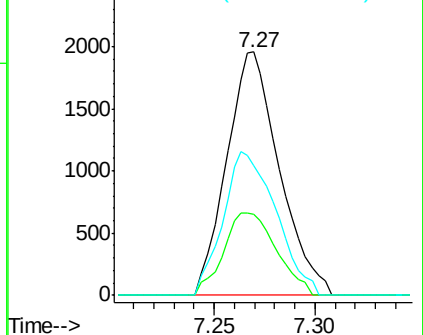
#51

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

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



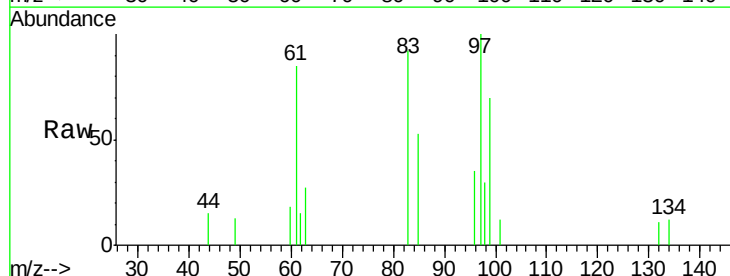
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



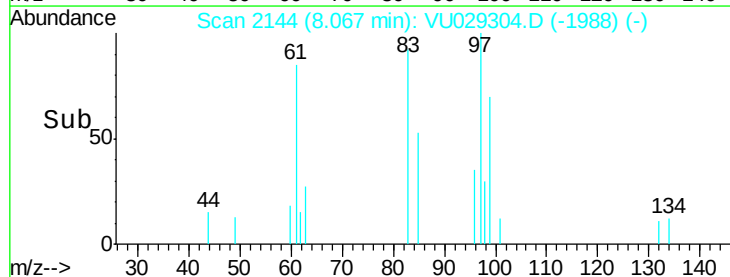
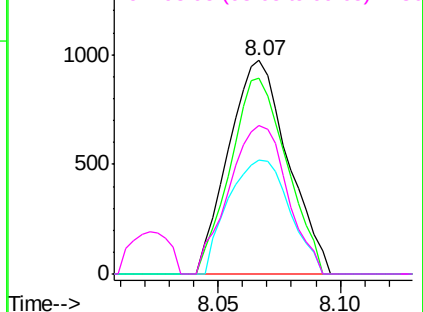
#52

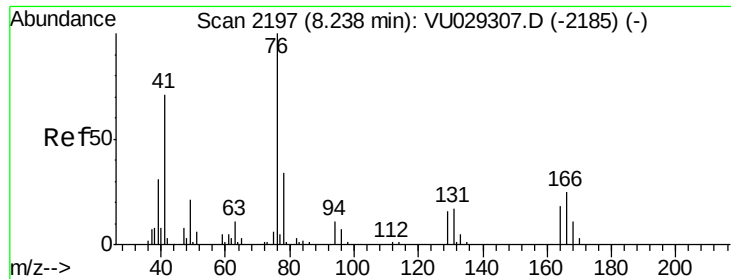
1,1,2-Trichloroethane
 Concen: 0.935 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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

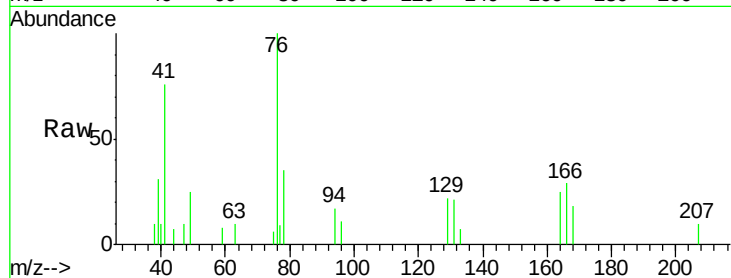
Acq: 29 Jan 2019 17:06

Tgt Ion: 76 Resp: 3124

Ion Ratio Lower Upper

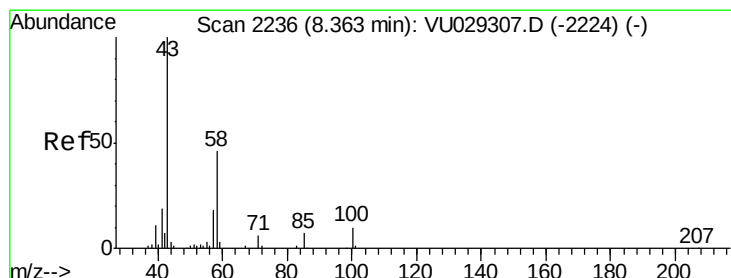
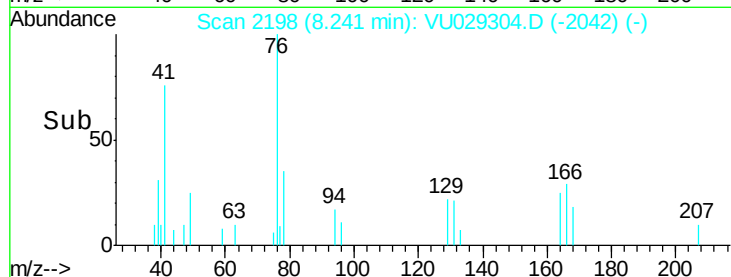
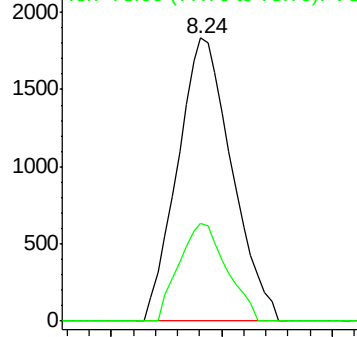
76 100

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



#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

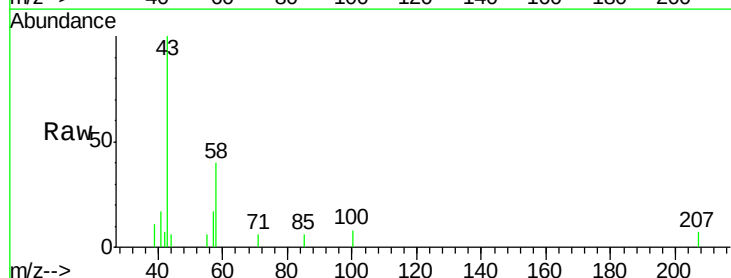
Tgt Ion: 43 Resp: 6061

Ion Ratio Lower Upper

43 100

58 41.1 26.0 66.0

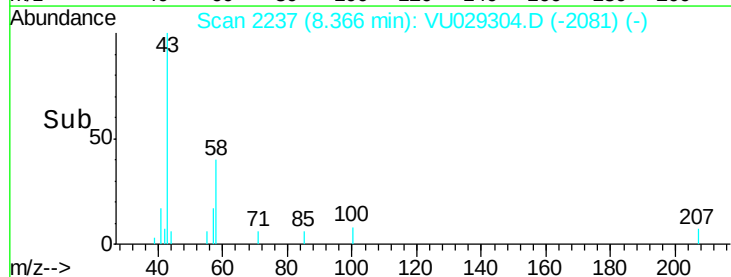
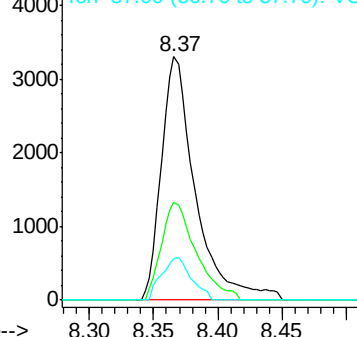
57 15.1 0.0 37.7

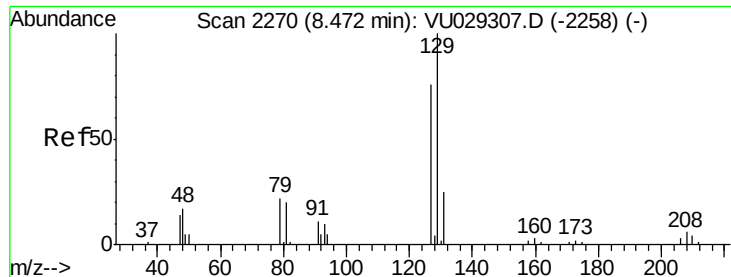


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 1.032 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU029304.D

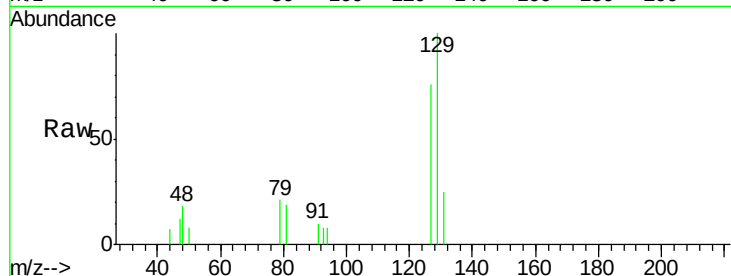
Acq: 29 Jan 2019 17:06

Tgt Ion:129 Resp: 2350

Ion Ratio Lower Upper

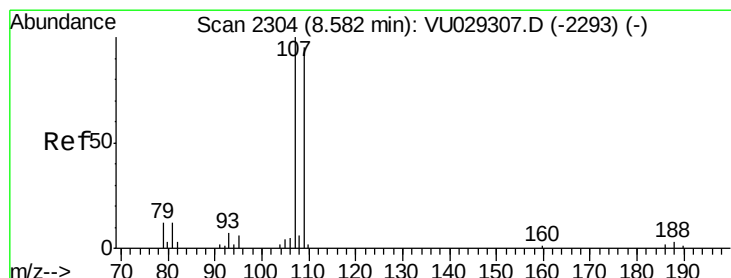
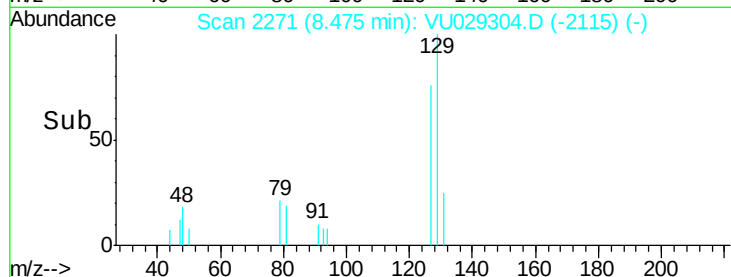
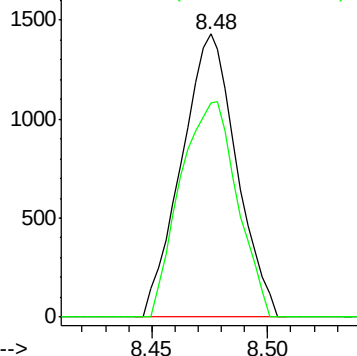
129 100

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

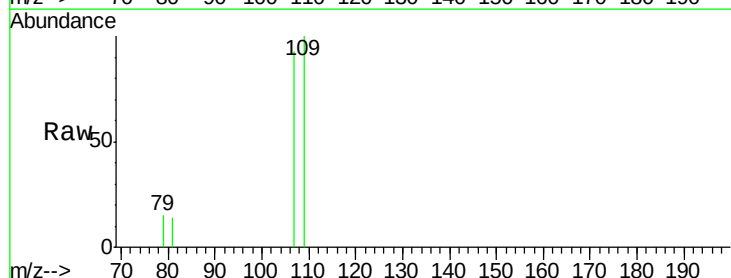
Acq: 29 Jan 2019 17:06

Tgt Ion:107 Resp: 1581

Ion Ratio Lower Upper

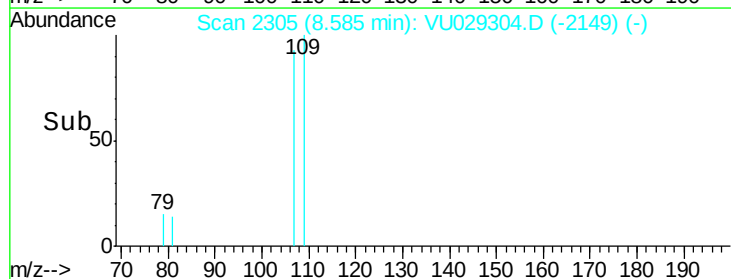
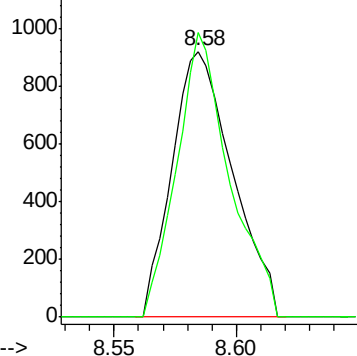
107 100

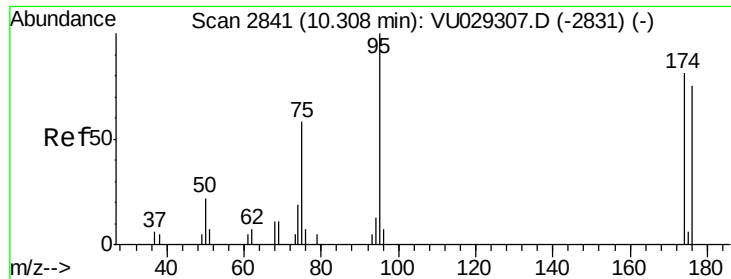
109 92.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

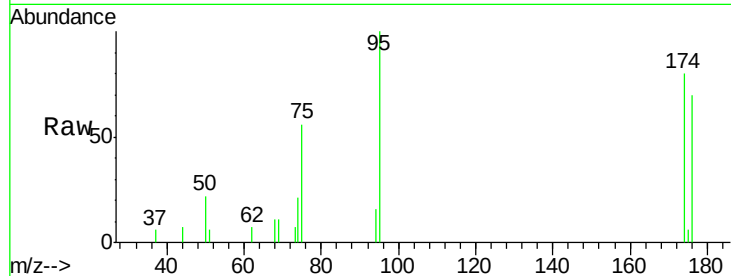
Ion 109.00 (108.70 to 109.70): V



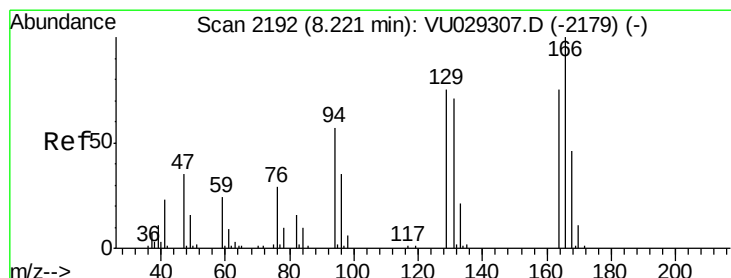
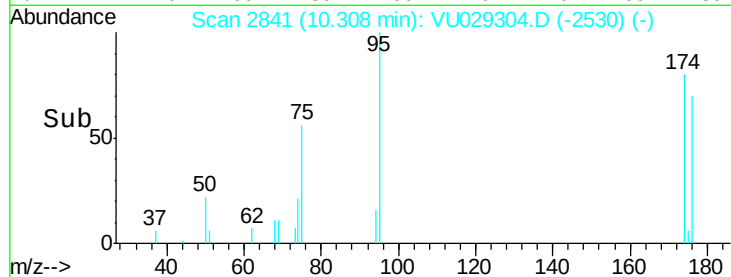
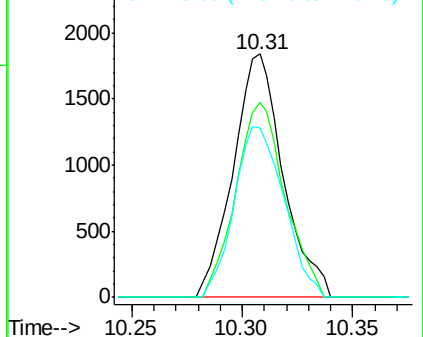


#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

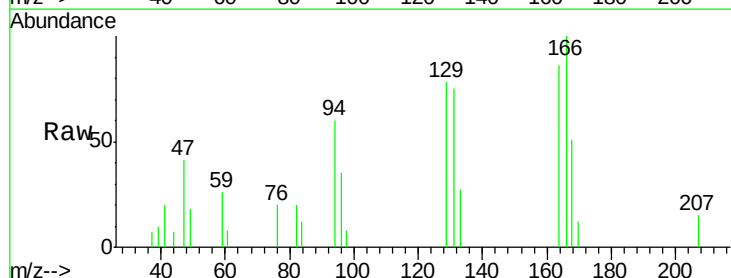


Abundance Ion 95.00 (94.70 to 95.70): VU029304.D (-2530) (-)
Ion 174.00 (173.70 to 174.70): VU029304.D (-2530) (-)
Ion 176.00 (175.70 to 176.70): VU029304.D (-2530) (-)

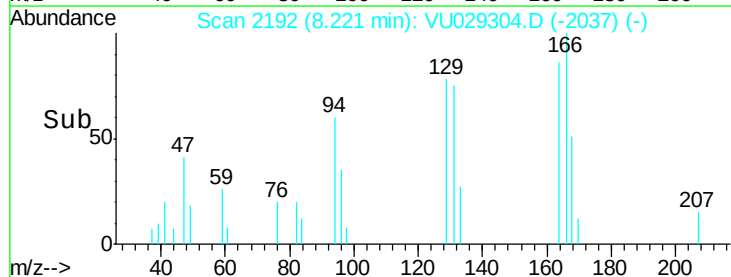
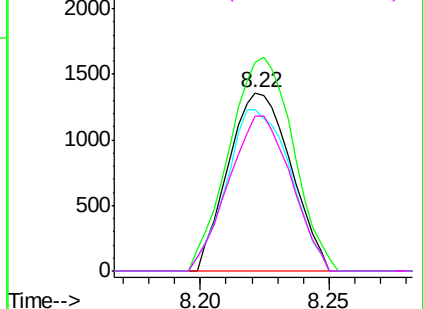


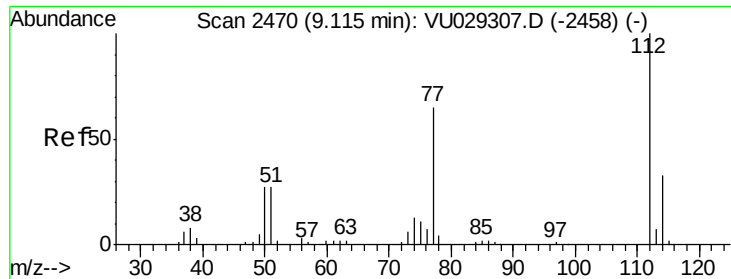
#58
Tetrachloroethene
Concen: 1.029 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

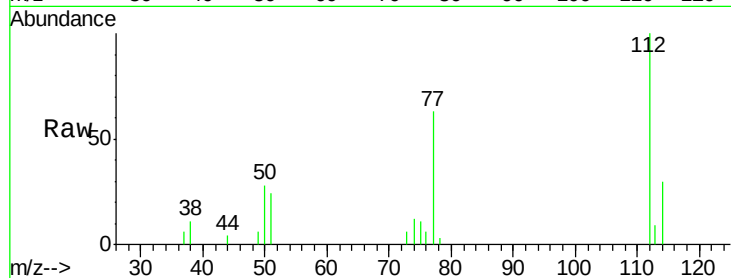
Acq: 29 Jan 2019 17:06

Tgt Ion:112 Resp: 5796

Ion Ratio Lower Upper

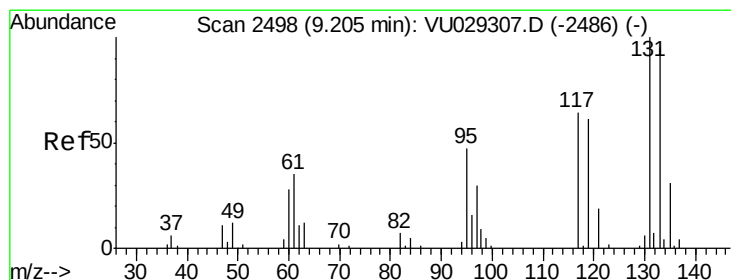
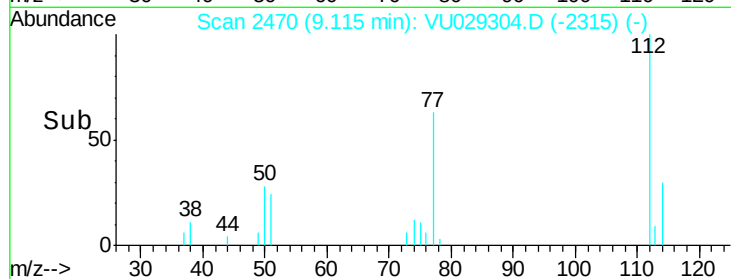
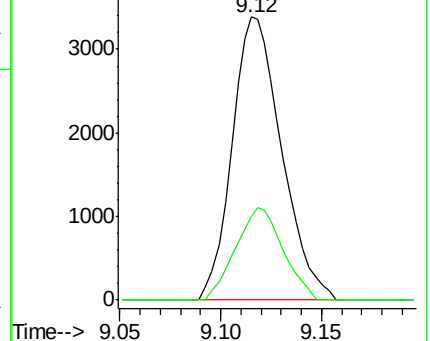
112 100

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

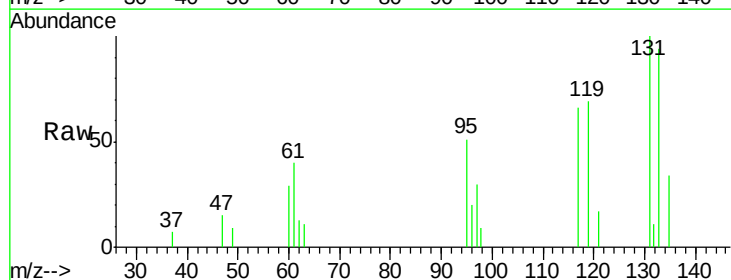
Tgt Ion:131 Resp: 2424

Ion Ratio Lower Upper

131 100

133 98.2 77.3 115.9

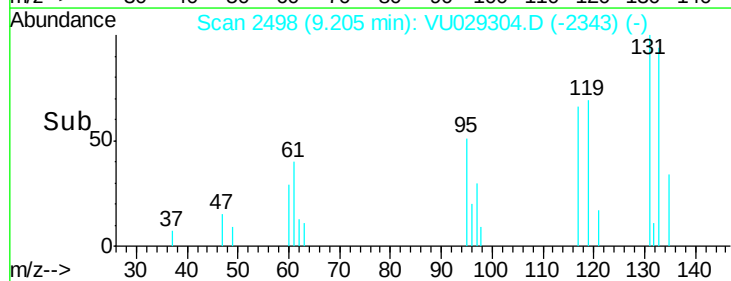
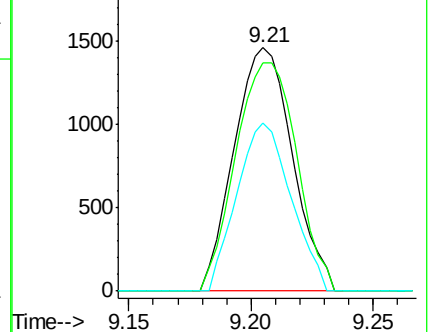
119 64.0 48.9 73.3

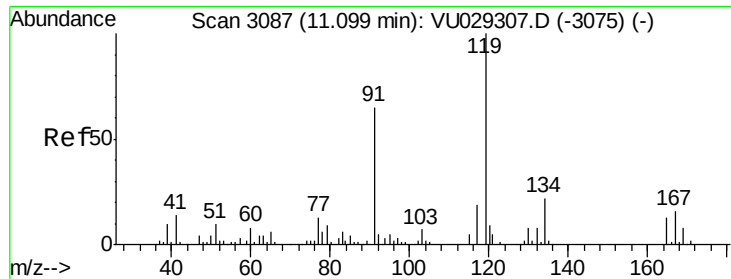


Abundance Ion 131.00 (130.70 to 131.70): V

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

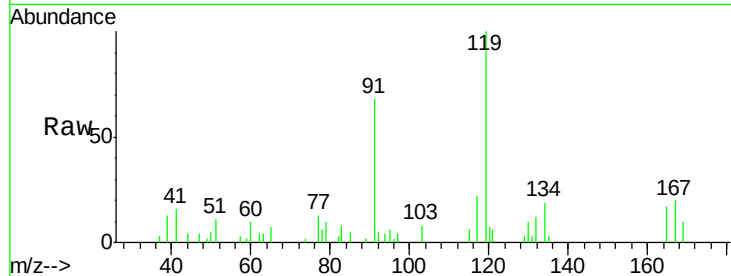
Acq: 29 Jan 2019 17:06

Tgt Ion:117 Resp: 1890

Ion Ratio Lower Upper

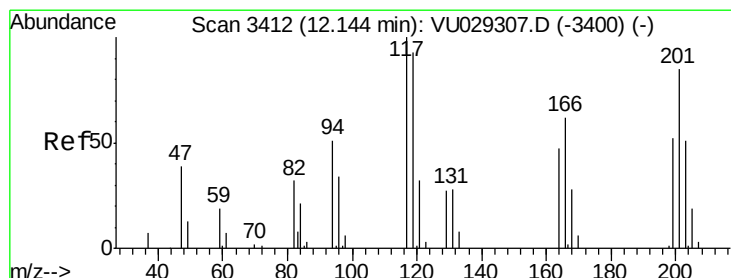
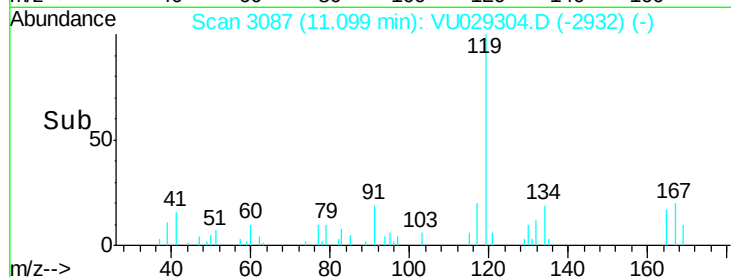
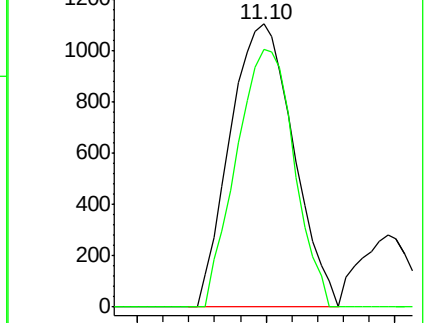
117 100

167 83.1 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.902 ug/l

RT: 12.14 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VU029304.D

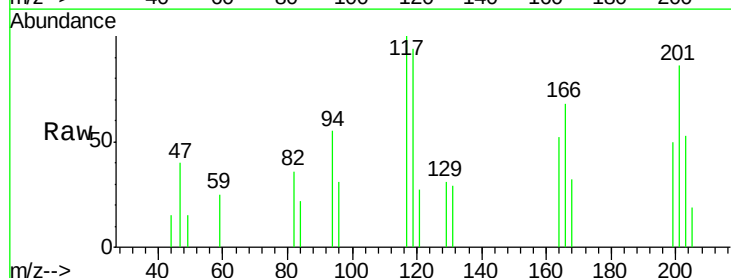
Acq: 29 Jan 2019 17:06

Tgt Ion:117 Resp: 1702

Ion Ratio Lower Upper

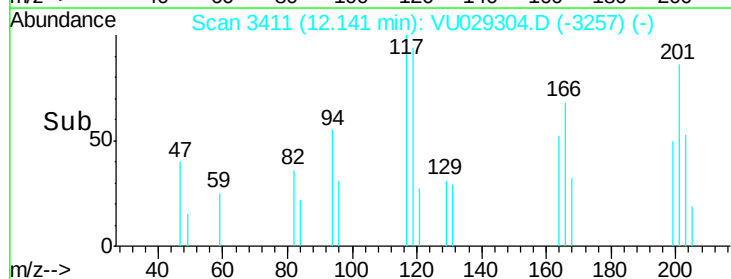
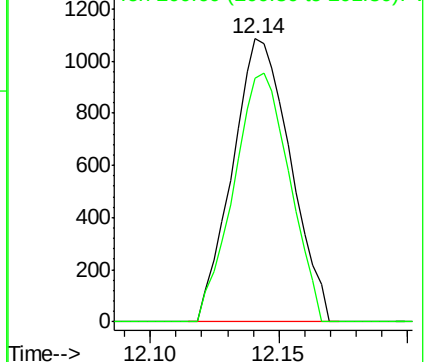
117 100

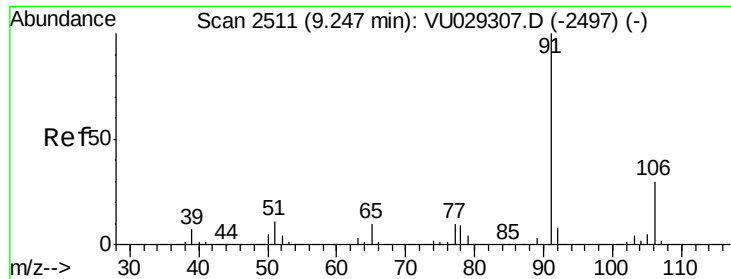
201 84.5 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 0.890 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029304.D

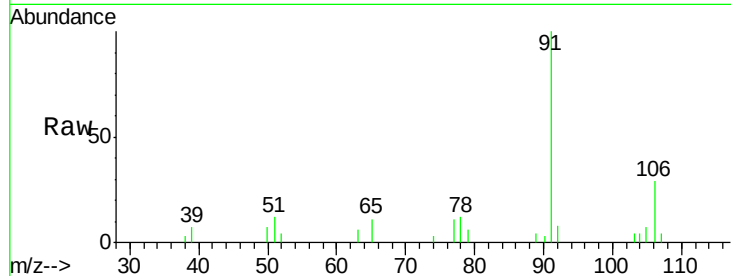
Acq: 29 Jan 2019 17:06

Tgt 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

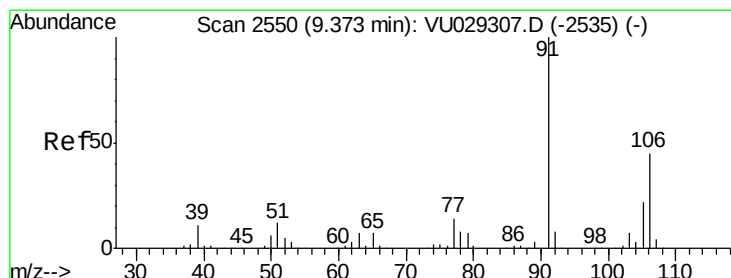
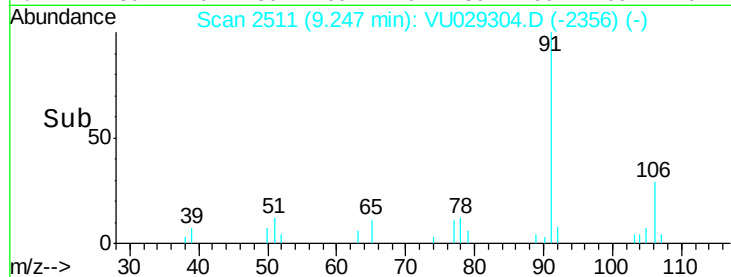
4000

2000

0

9.20 9.25 9.30

Time-->



#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

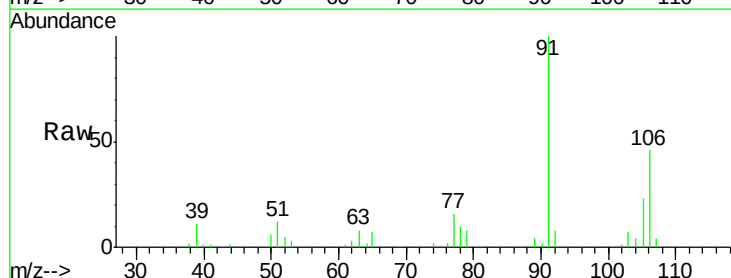
Acq: 29 Jan 2019 17:06

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

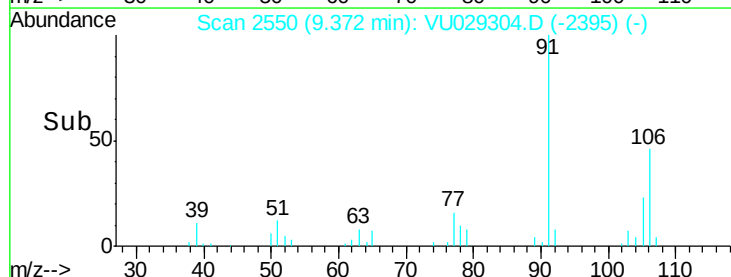
4000

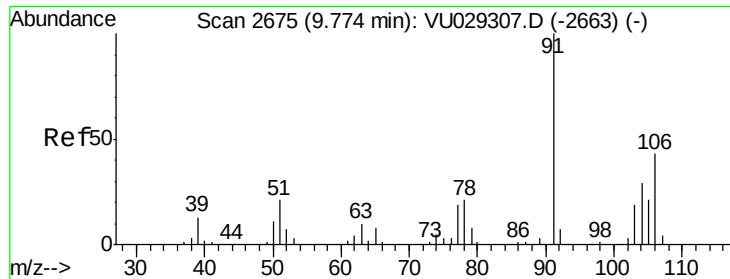
2000

0

9.35 9.40

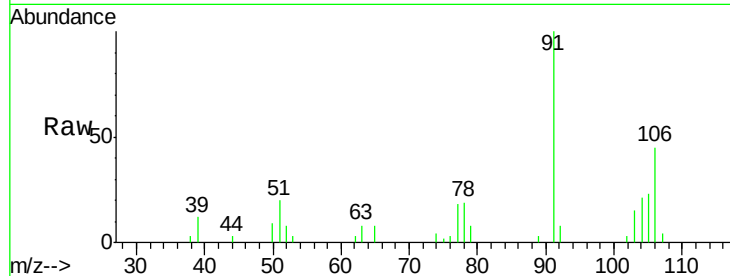
Time-->



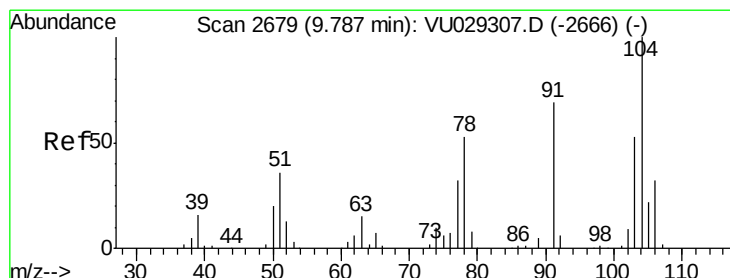
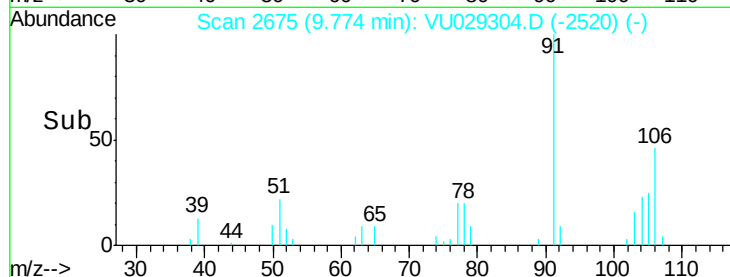
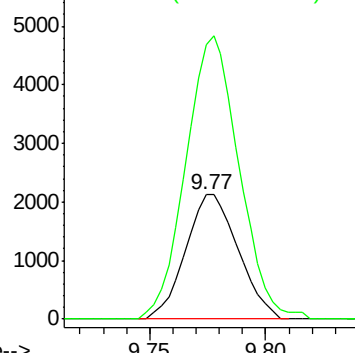


#65
o-Xylene
Concen: 0.885 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

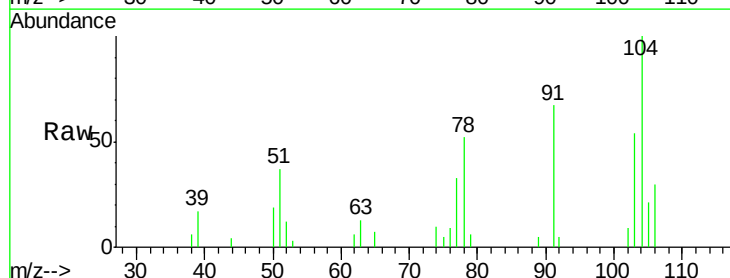


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

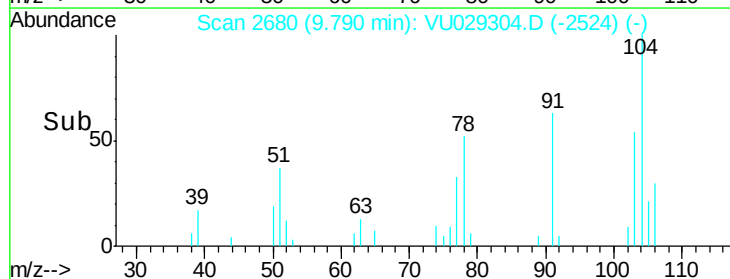
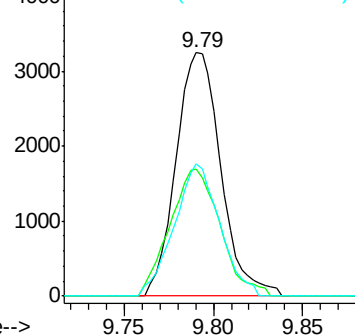


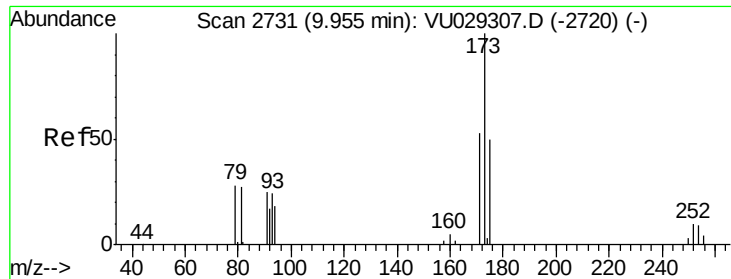
#66
Styrene
Concen: 0.867 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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



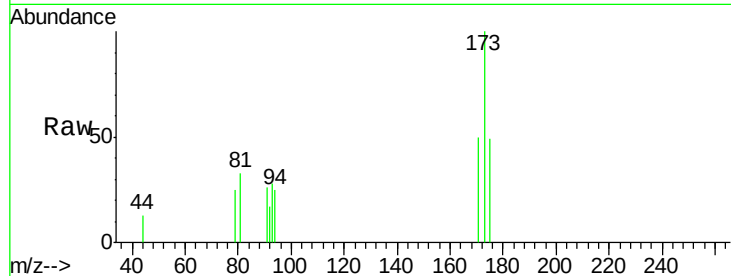
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



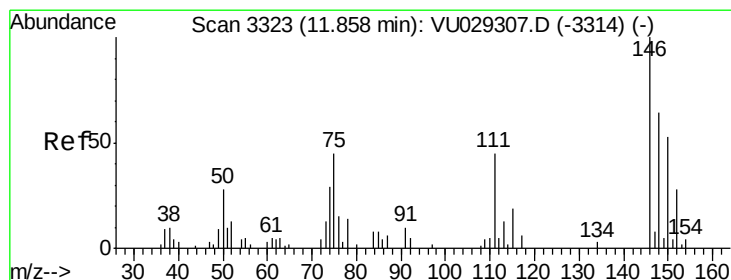
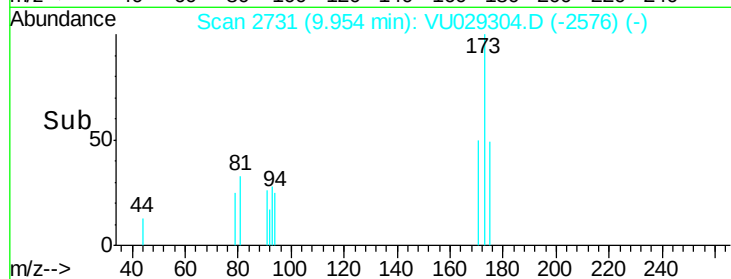
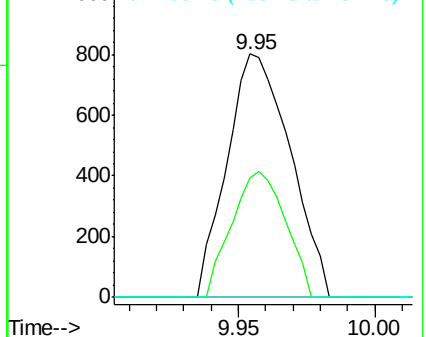


#67
Bromoform
Concen: 0.989 ug/l
RT: 9.95 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion:173 Resp: 1291
Ion Ratio Lower Upper
173 100
175 44.0 38.9 58.3
254 0.0 7.4 11.2#

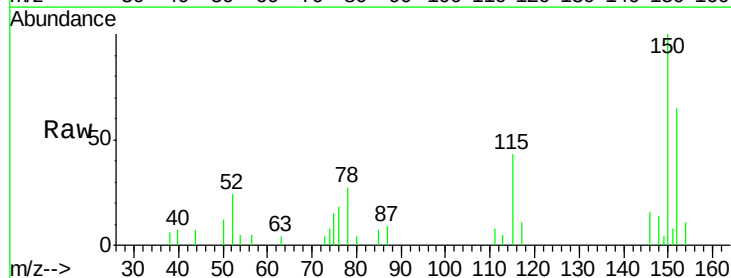


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

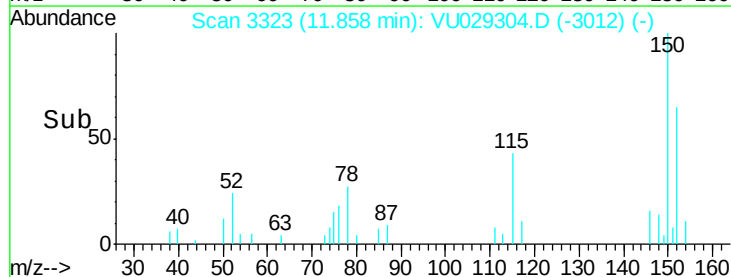
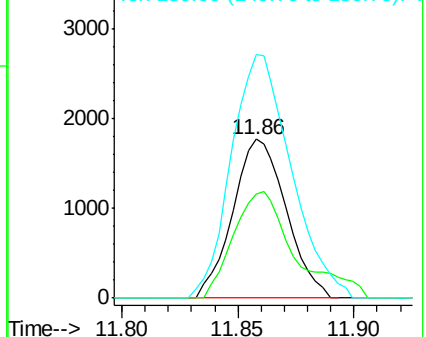


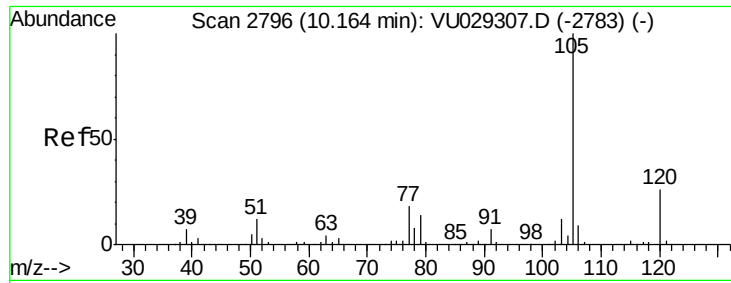
#68
1,2-Dichlorobenzene-d4
Concen: 0.989 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

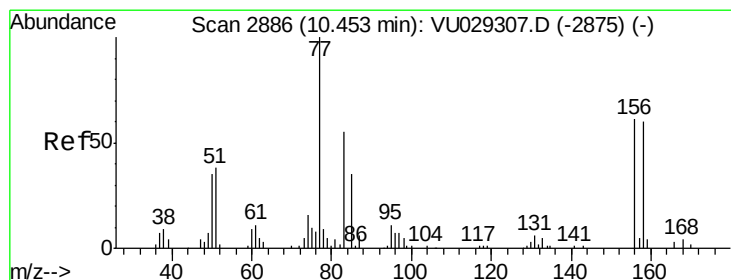
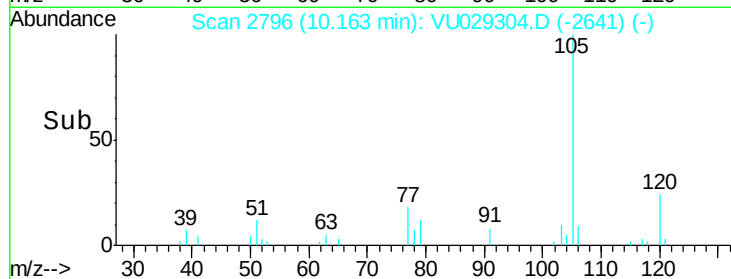
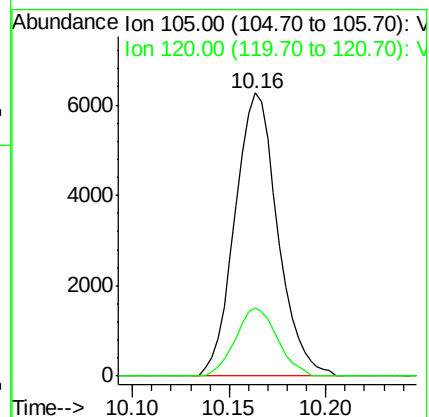
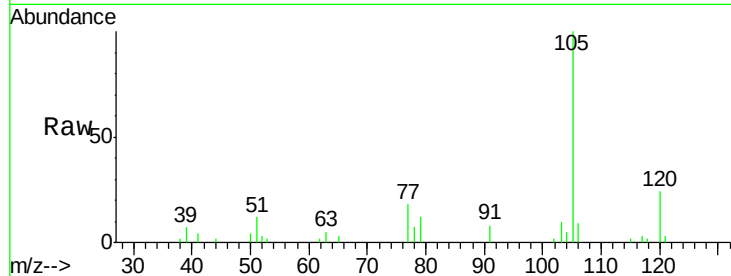
Acq: 29 Jan 2019 17:06

Tgt 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

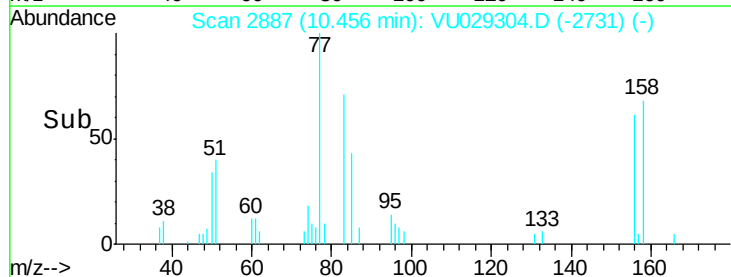
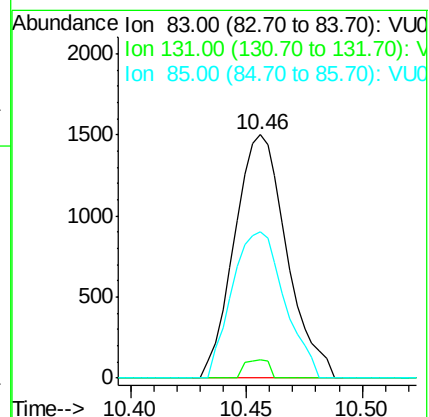
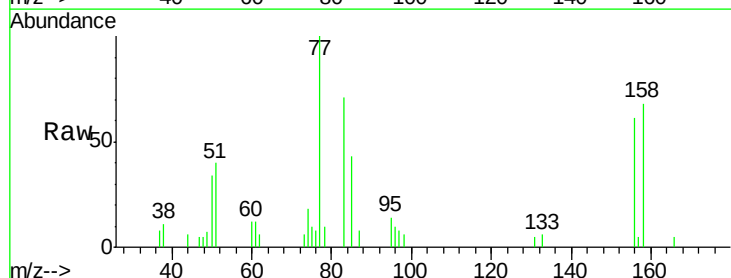
Tgt Ion: 83 Resp: 2348

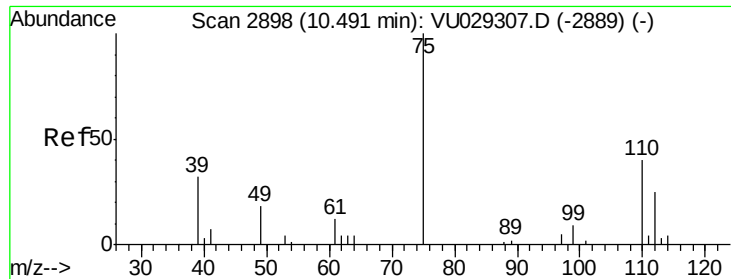
Ion Ratio Lower Upper

83 100

131 3.5 8.1 12.1#

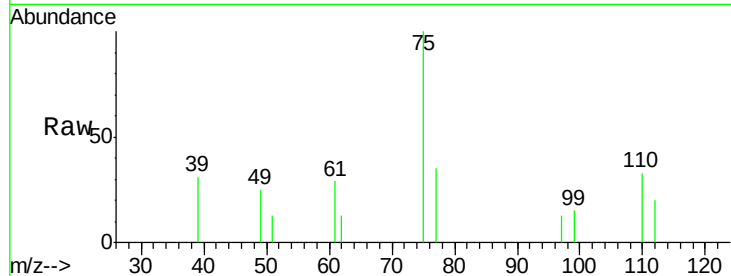
85 60.5 50.3 75.5



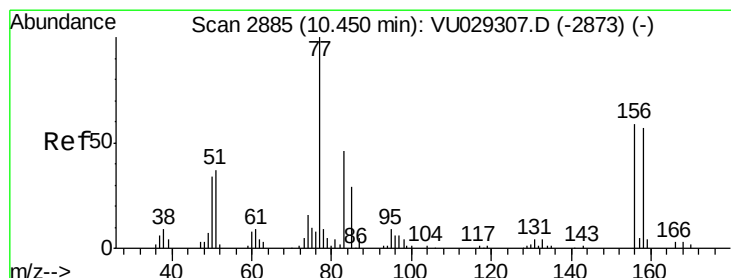
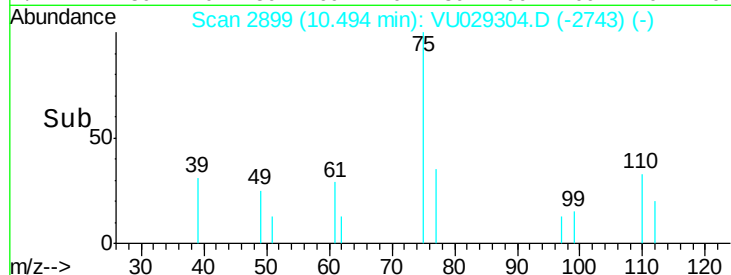
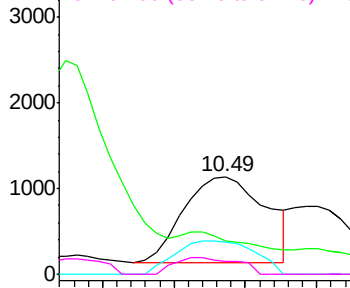


#71
 1,2,3-Trichloropropane
 Concen: 0.856 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:	75	Resp:	1590
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	37.8	0.0	63.6
97	15.0	0.0	31.4

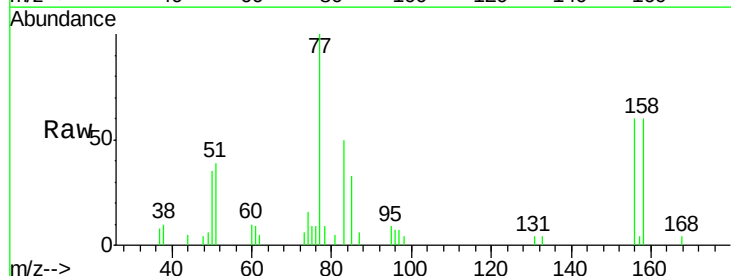


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

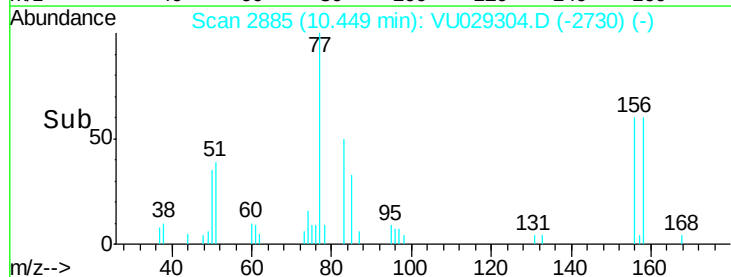
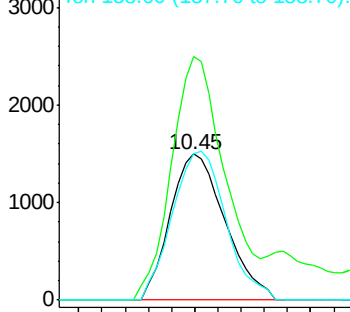


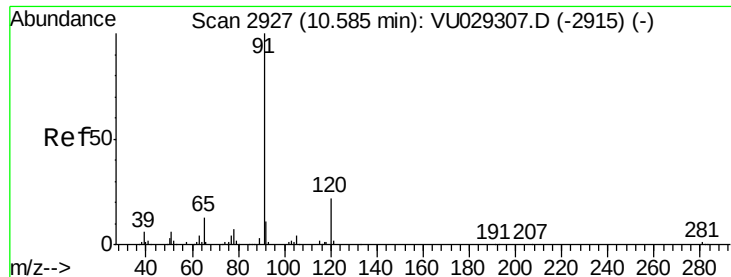
#72
 Bromobenzene
 Concen: 0.988 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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



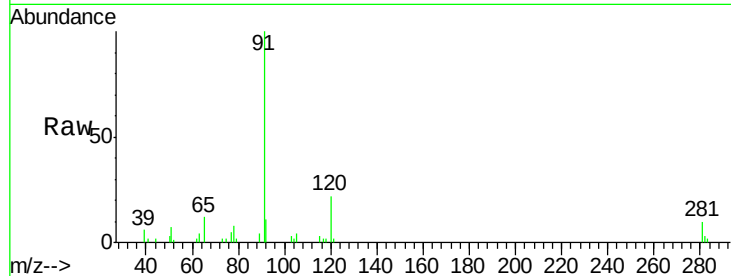
Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V



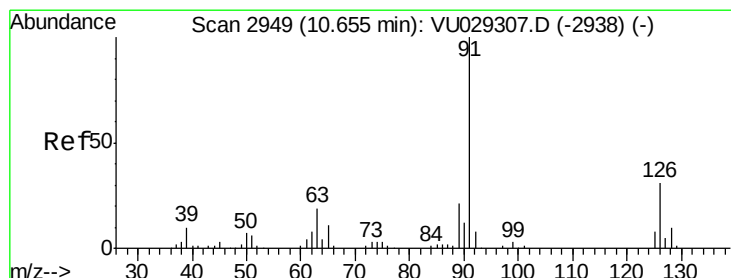
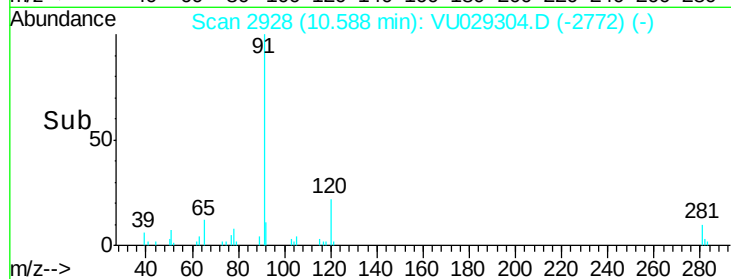
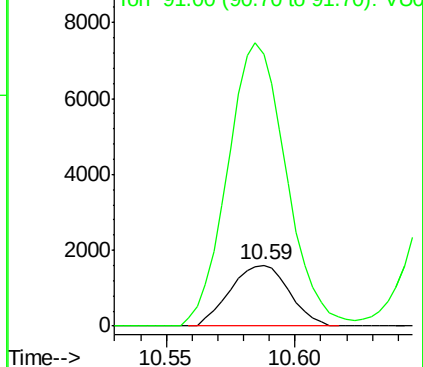


#73
n-propylbenzene
Concen: 0.937 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion:120 Resp: 2551
Ion Ratio Lower Upper
120 100
91 464.7 370.0 555.0

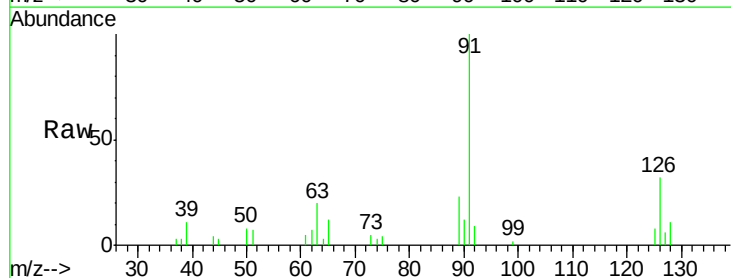


Abundance Ion 120.00 (119.70 to 120.70): V
Ion 91.00 (90.70 to 91.70): VU0

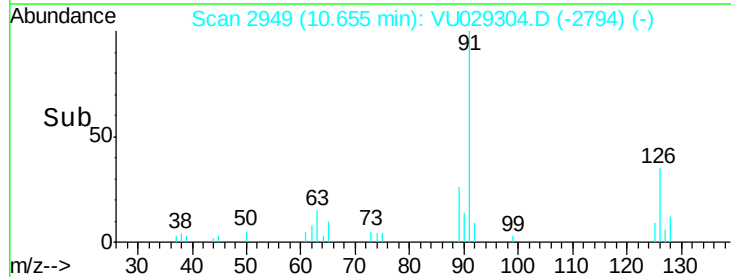
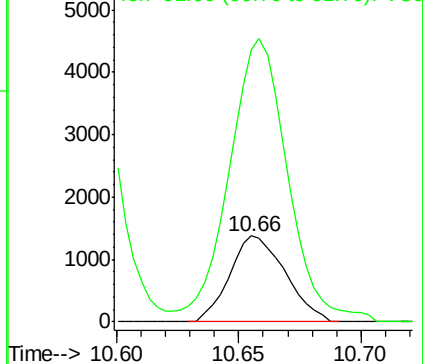


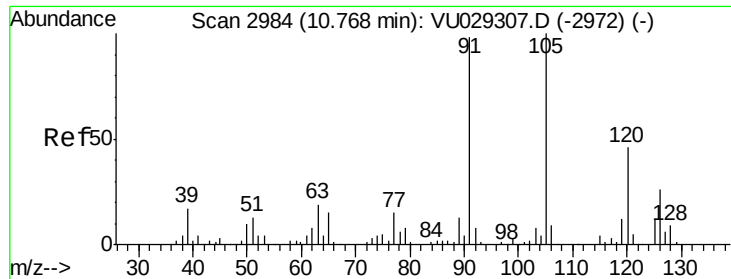
#74
2-Chlorotoluene
Concen: 0.881 ug/l
RT: 10.66 min Scan# 2949
Delta R.T. -0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

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

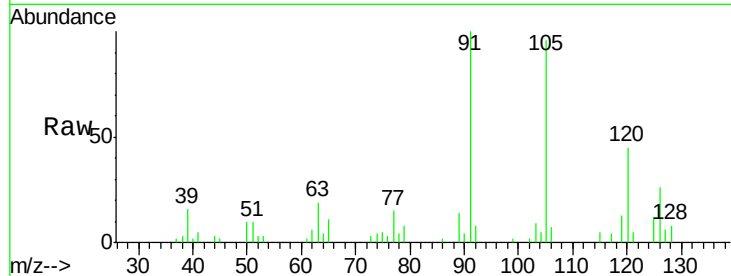




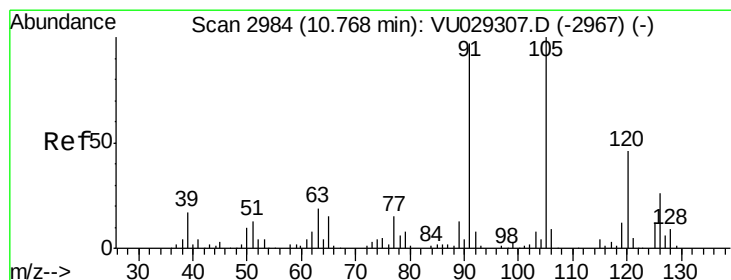
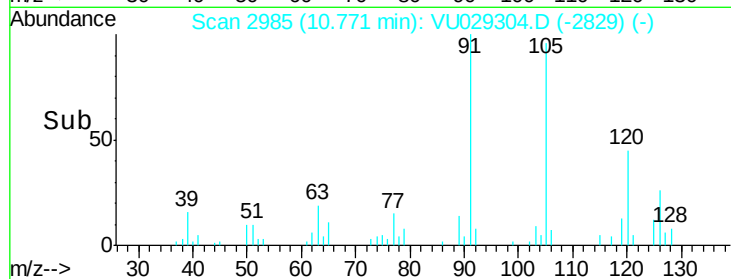
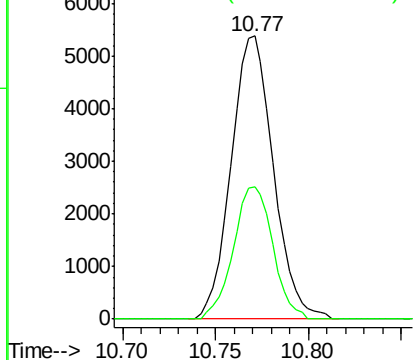
#75

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

Tgt Ion:105 Resp: 8532
Ion Ratio Lower Upper
105 100
120 43.6 37.3 55.9



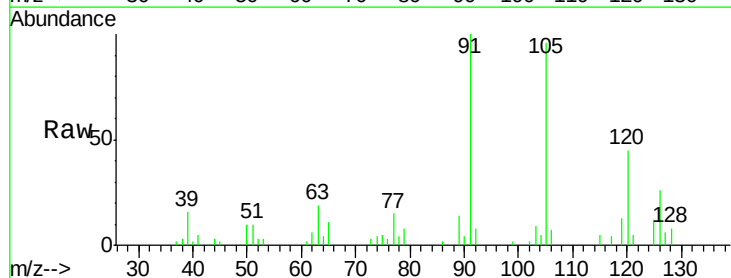
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



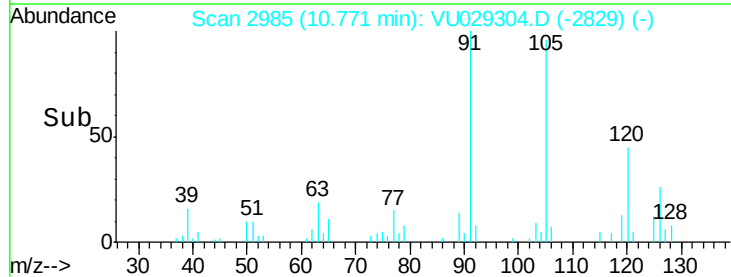
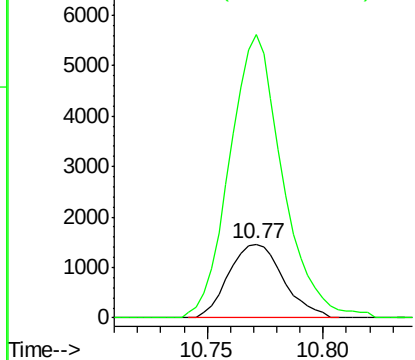
#76

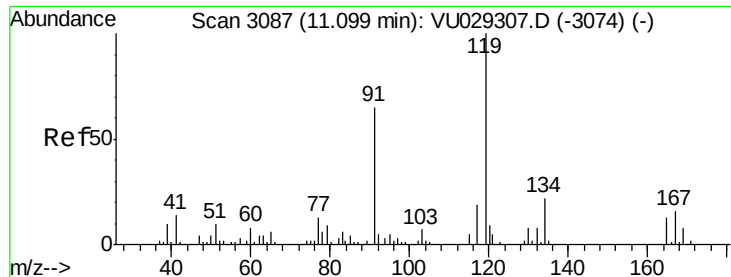
4-Chlorotoluene
Concen: 0.963 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029304.D
Acq: 29 Jan 2019 17:06

Tgt Ion:126 Resp: 2391
Ion Ratio Lower Upper
126 100
91 372.1 0.0 727.4



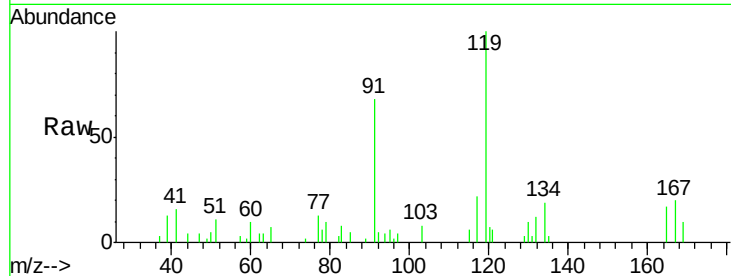
Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): VU0



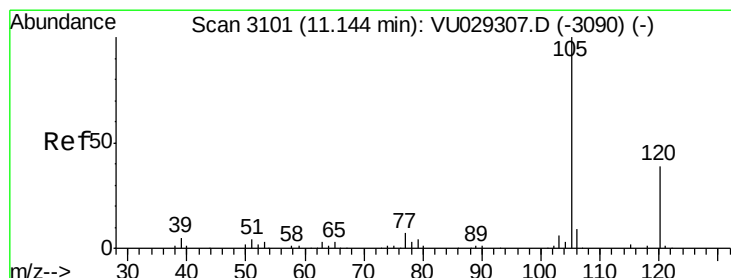
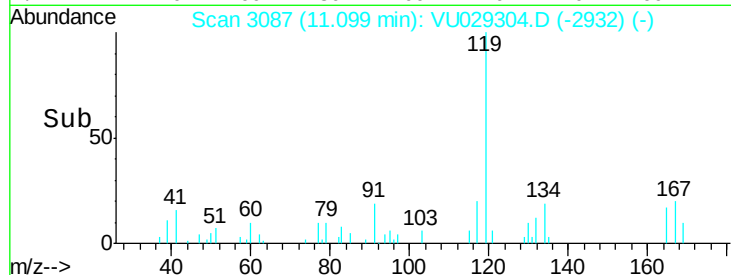
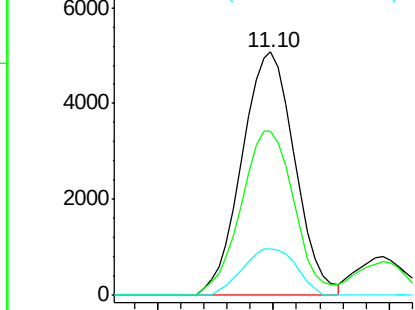


#77
 tert-Butylbenzene
 Concen: 0.917 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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

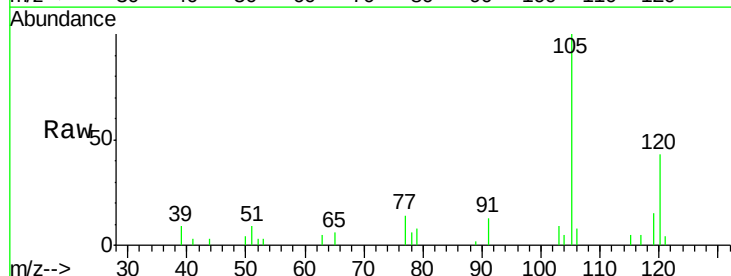


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

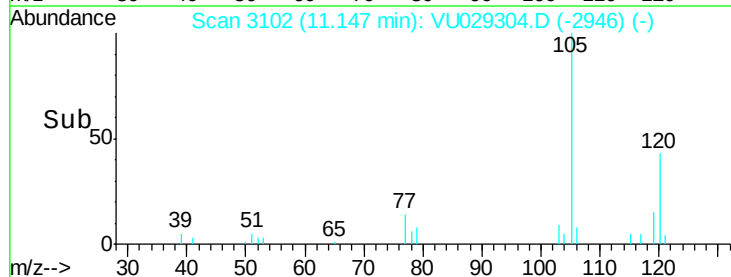
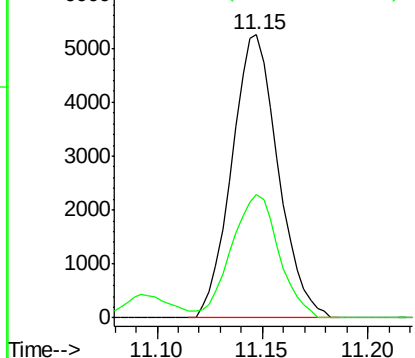


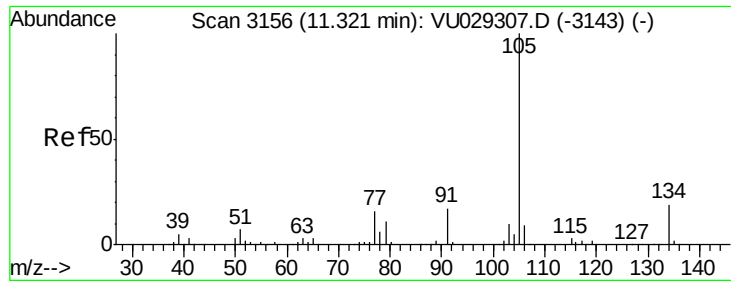
#78
 1,2,4-Trimethylbenzene
 Concen: 0.848 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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

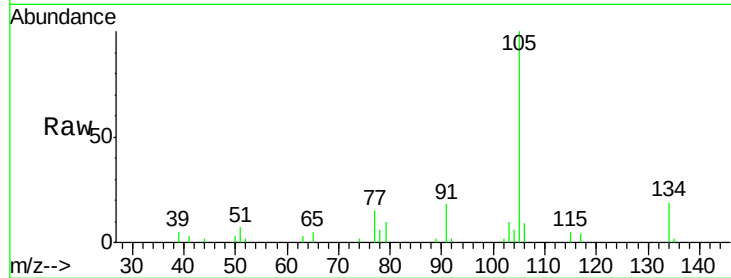
Acq: 29 Jan 2019 17:06

Tgt Ion: 105 Resp: 10532

Ion Ratio Lower Upper

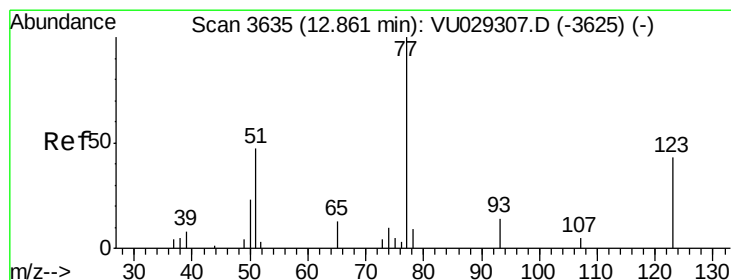
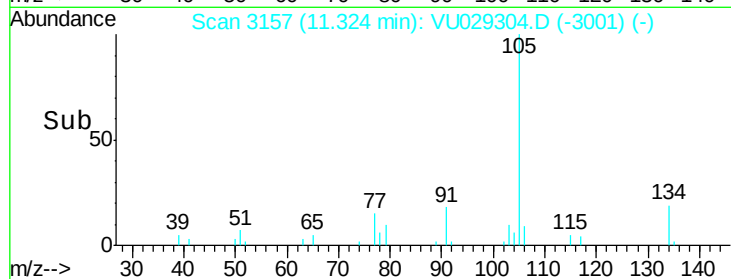
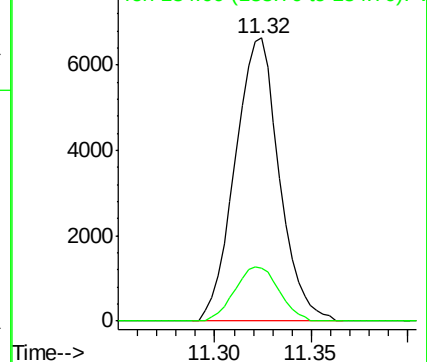
105 100

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

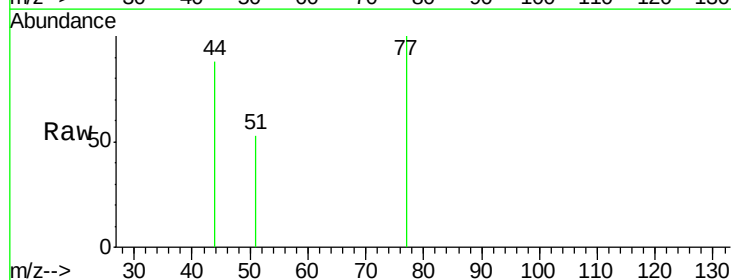
Tgt Ion: 77 Resp: 232

Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

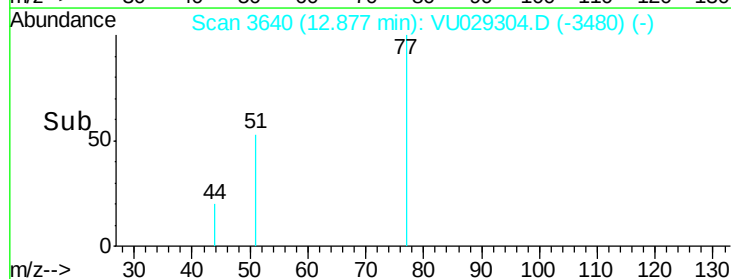
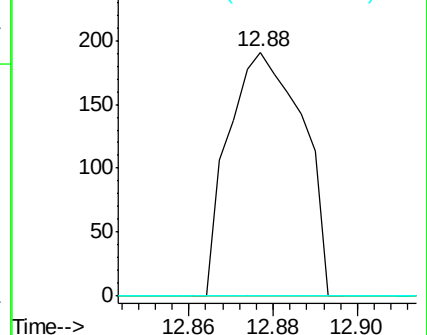
65 0.0 10.8 13.8#

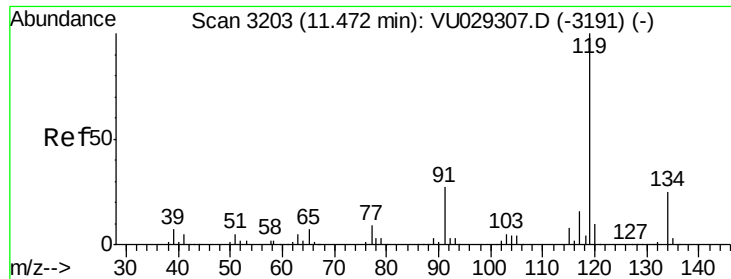


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

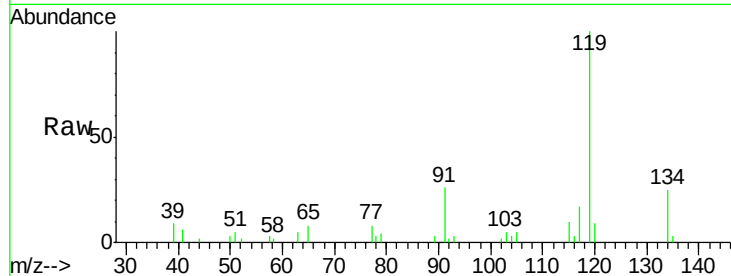
Ion 65.00 (64.70 to 65.70): VU0



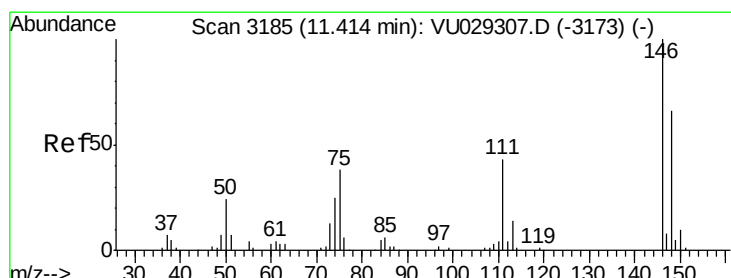
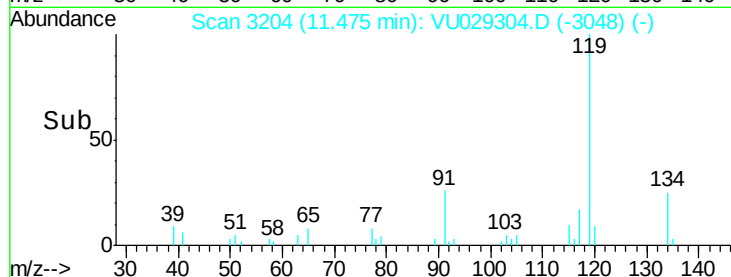
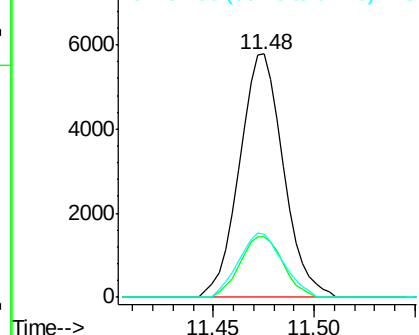


#81
 p-Isopropyltoluene
 Concen: 0.900 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:119 Resp: 8820
 Ion Ratio Lower Upper
 119 100
 134 24.3 19.8 29.6
 91 26.5 21.5 32.3

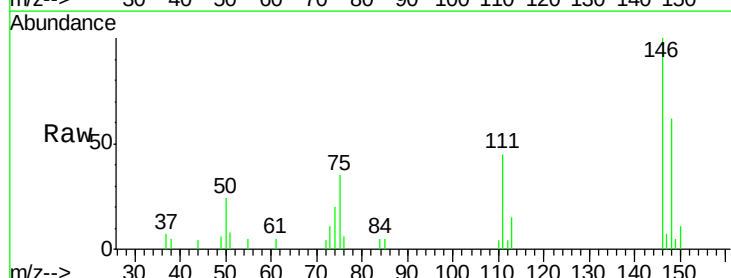


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

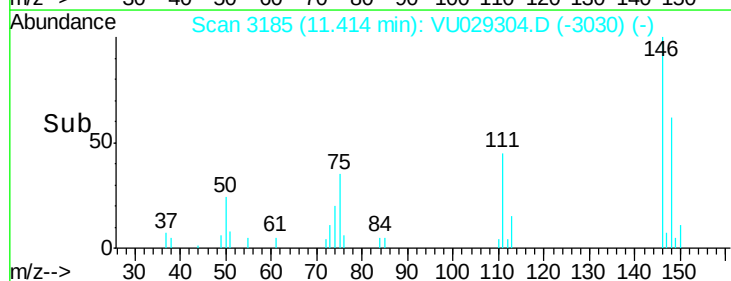
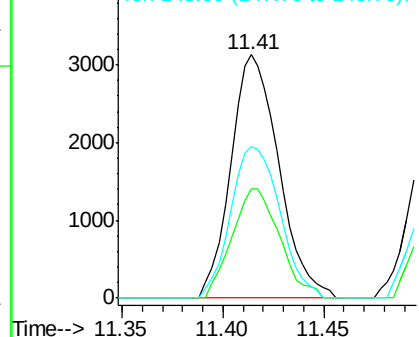


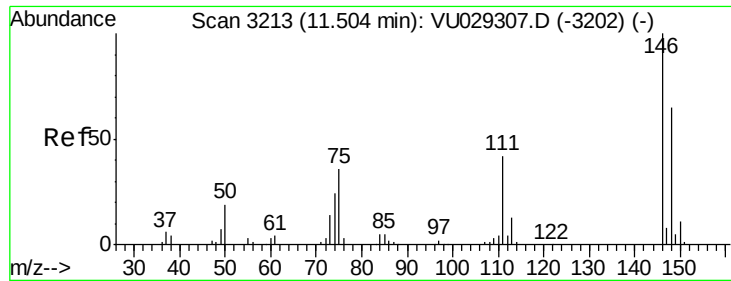
#82
 1,3-Dichlorobenzene
 Concen: 0.999 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:146 Resp: 5211
 Ion Ratio Lower Upper
 146 100
 111 44.4 34.1 51.1
 148 63.8 52.3 78.5



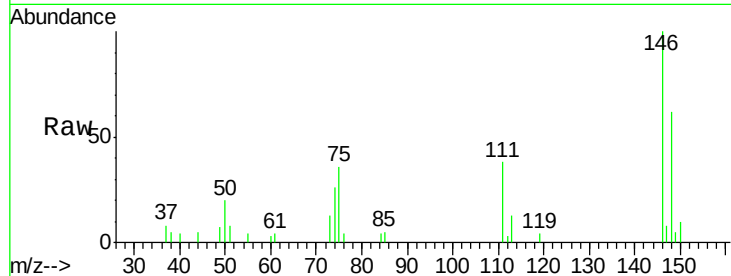
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



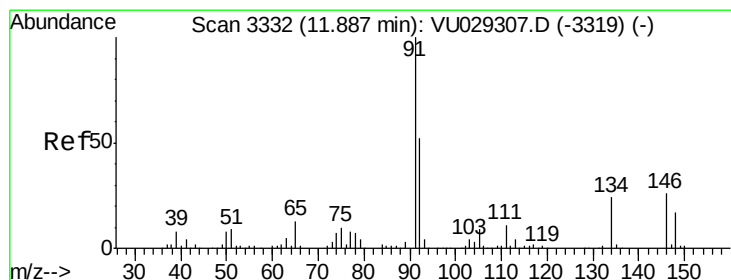
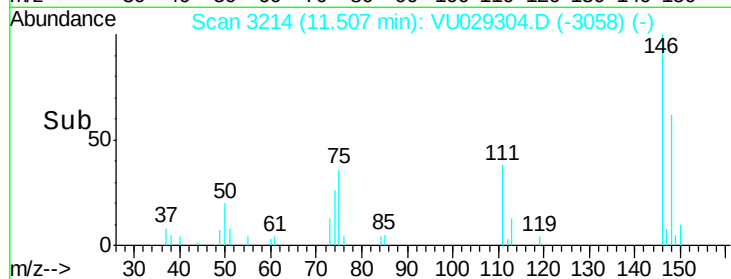
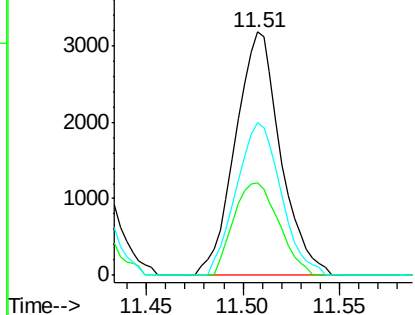


#83
 1,4-Dichlorobenzene
 Concen: 0.999 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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

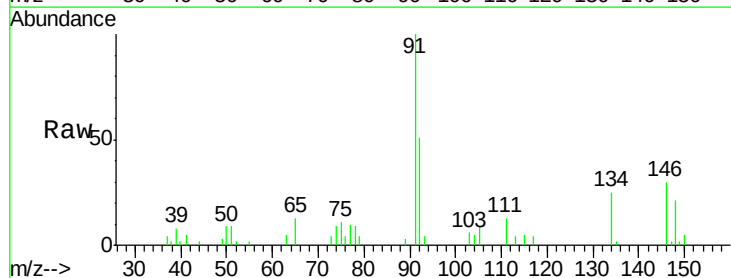


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

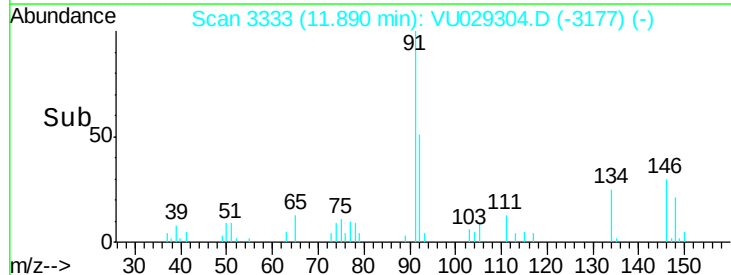
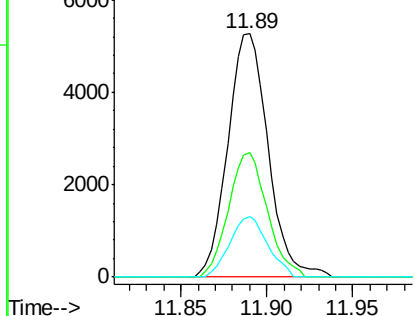


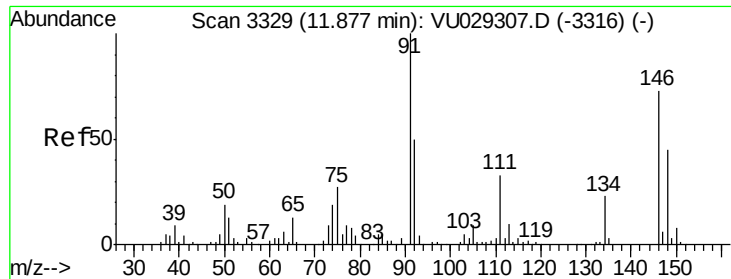
#84
 n-Butylbenzene
 Concen: 0.903 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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



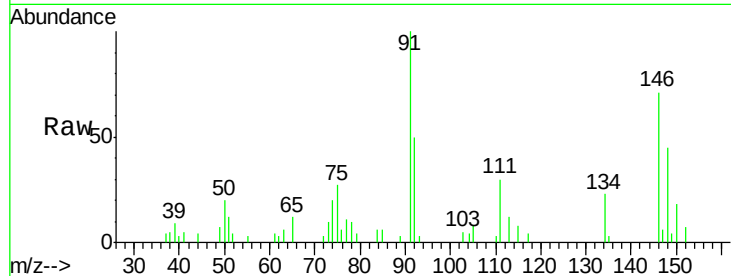
Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V



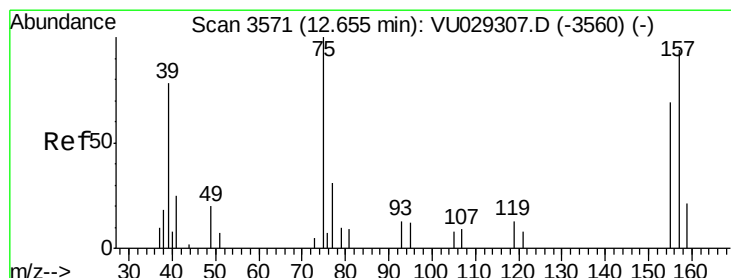
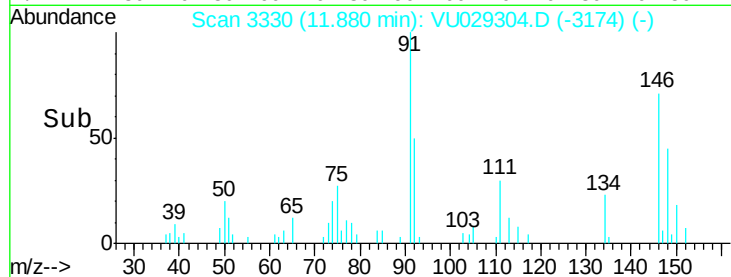
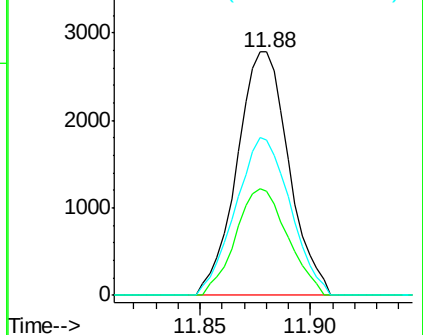


#85
 1,2-Dichlorobenzene
 Concen: 0.945 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion: 146 Resp: 4545
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.8
 148 68.3 31.8 95.3

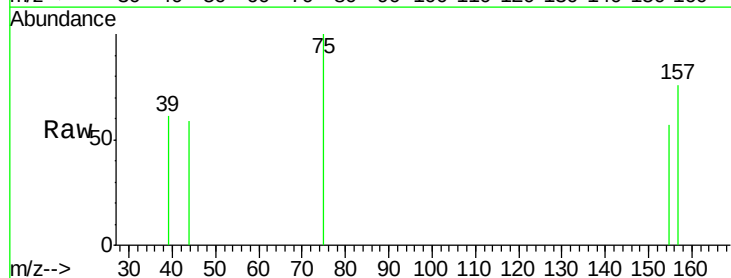


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

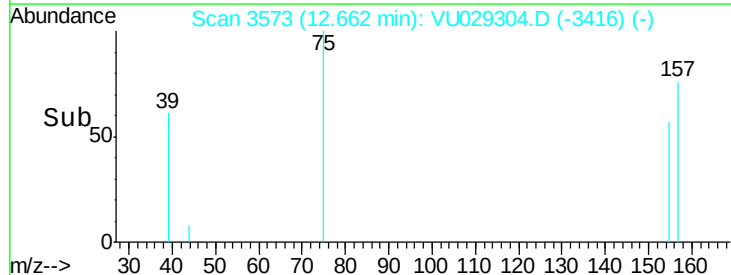
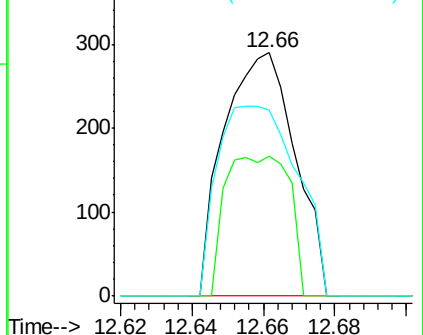


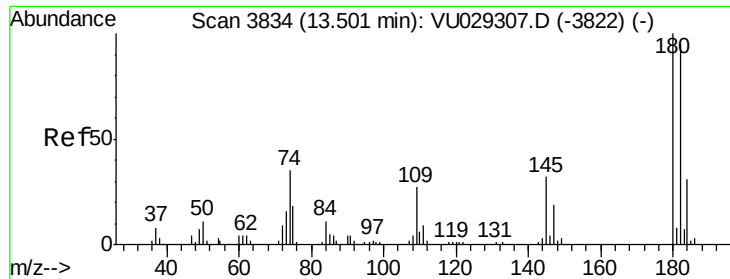
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.902 ug/l
 RT: 12.66 min Scan# 3573
 Delta R.T. 0.01 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

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



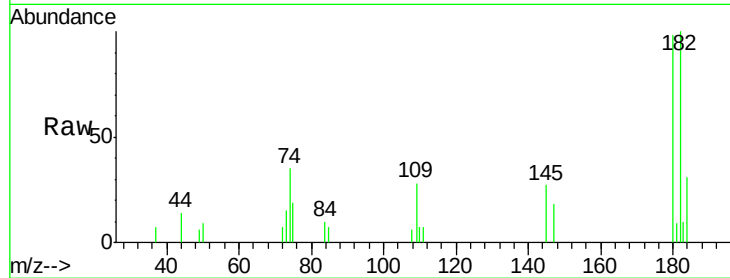
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



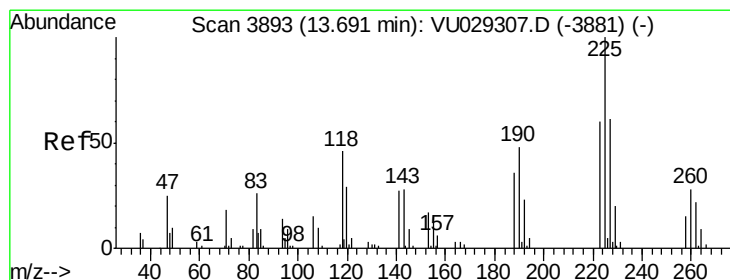
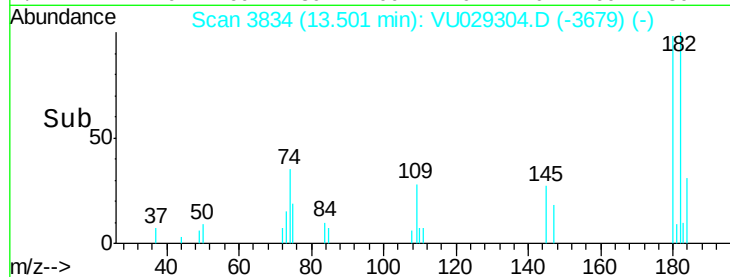
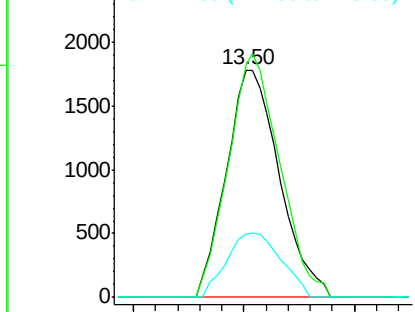


#87
 1,2,4-Trichlorobenzene
 Concen: 0.930 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:180 Resp: 2967
 Ion Ratio Lower Upper
 180 100
 182 103.7 76.6 114.8
 145 28.9 24.6 36.8

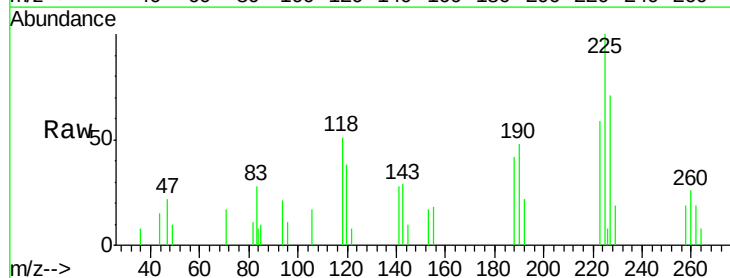


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

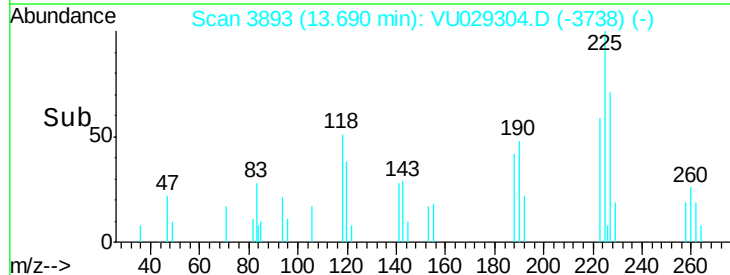
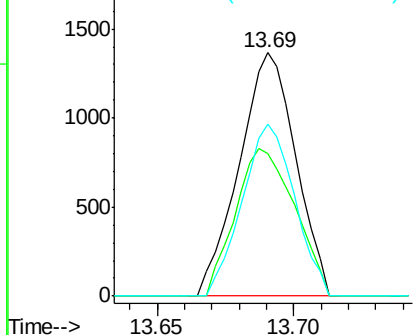


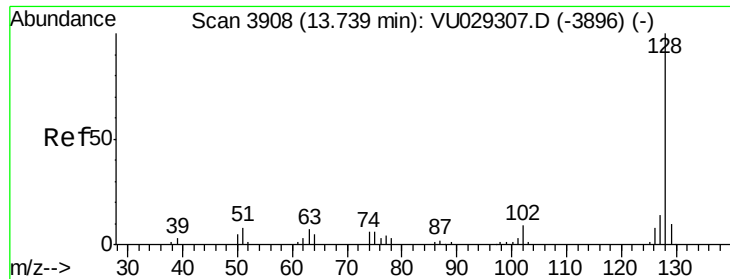
#88
 Hexachlorobutadiene
 Concen: 0.957 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029304.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:225 Resp: 1960
 Ion Ratio Lower Upper
 225 100
 223 63.8 49.5 74.3
 227 65.7 50.4 75.6



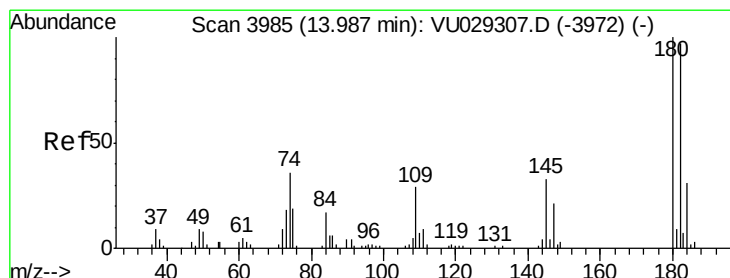
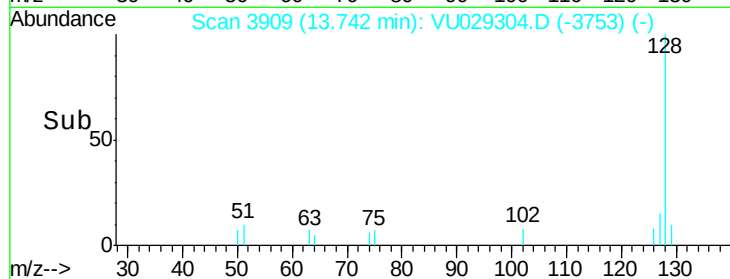
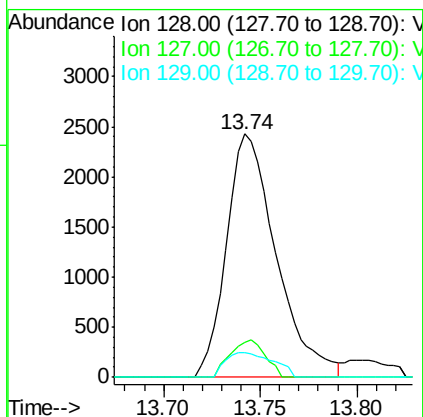
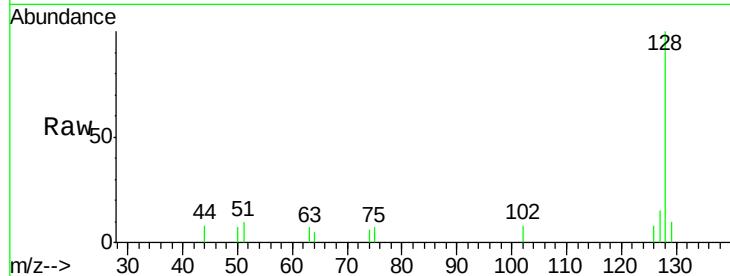
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#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

Tgt 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

