

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012919\
 Data File : VU029307.D
 Acq On : 29 Jan 2019 18:28
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 03:57:04 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	8071	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	3326	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3200	1.00	ug/l	0.00
Spiked Amount	1.000		Recovery	=	100.00%	

Target Compounds

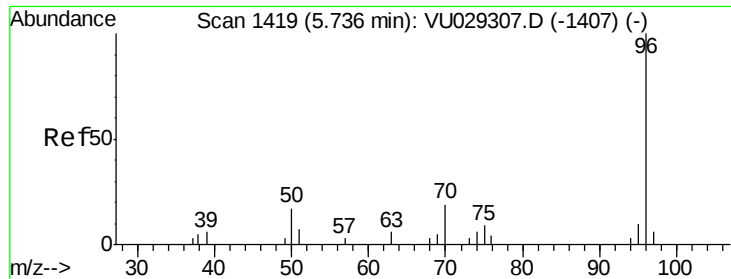
					Ovalue
2) Dichlorodifluoromethane	1.20	85	37181m	9.135	ug/l
3) Chloromethane	1.32	50	28933	8.096	ug/l
4) Vinyl Chloride	1.39	62	30336	8.736	ug/l
5) Bromomethane	1.61	94	16625	8.192	ug/l
6) Chloroethane	1.69	64	21364	8.849	ug/l
7) Trichlorofluoromethane	1.87	101	55536	9.510	ug/l
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23599	9.537	ug/l
9) 1,1-Dichloroethene	2.27	96	21748	9.329	ug/l
10) Iodomethane	2.40	142	24886	11.904	ug/l
11) Allyl Chloride	2.58	41	50418	8.618	ug/l
12) Acrylonitrile	2.93	53	12852	17.779	ug/l
13) Acetone	2.31	43	35322	42.984	ug/l
14) Carbon Disulfide	2.46	76	75504	8.790	ug/l
15) Methylene Chloride	2.69	84	25677	8.432	ug/l
16) trans-1,2-Dichloroethene	2.97	96	24030	9.140	ug/l
17) 1,1-Dichloroethane	3.43	63	51287	8.756	ug/l
18) 2-Butanone	4.27	43	42807	46.453	ug/l
19) Cyclohexane	4.98	56	35088	9.515	ug/l
20) Methylcyclohexane	6.41	83	39299	10.014	ug/l
21) 2,2-Dichloropropane	4.21	77	47736	9.445	ug/l
22) cis-1,2-Dichloroethene	4.21	96	26260	9.460	ug/l
23) Diethyl Ether	2.09	59	21488	9.095	ug/l
24) tert-Butyl Alcohol	2.83	59	27562	97.506	ug/l
25) Methyl tert-Butyl Ether	2.99	73	72787	9.183	ug/l
26) Bromochloromethane	4.54	128	11034	9.512	ug/l
27) Chloroform	4.66	83	53957	9.403	ug/l
28) 1,1,1-Trichloroethane	4.90	97	49654	9.509	ug/l
29) 1,1-Dichloropropene	5.12	75	39054	9.873	ug/l
30) Carbon Tetrachloride	5.12	117	43785	9.720	ug/l
31) Isopropyl Ether	3.57	45	78785	8.473	ug/l
32) Ethyl-t-butyl ether	4.06	59	73943	9.532	ug/l
33) Tert-Amyl methyl ether	5.58	73	65643	10.041	ug/l
34) Propionitrile	4.32	54	11382	49.512	ug/l
35) Benzene	5.38	78	104268	9.664	ug/l
36) 1,2-Dichloroethane	5.40	62	41980	9.326	ug/l
37) Trichloroethene	6.18	130	26546	10.145	ug/l
38) 1,2-Dichloropropane	6.43	63	28329	9.496	ug/l
39) Methacrylonitrile	4.54	41	10634	9.720	ug/l
40) Methyl acrylate	4.42	55	14737	9.655	ug/l
41) Tetrahydrofuran	4.64	42	10071	18.591	ug/l
42) 1-Chlorobutane	5.05	56	57911	9.415	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	14081	9.304	ug/l	100
44) Bromodichloromethane	6.75	83	40850	9.478	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	103341	48.778	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	13140m	17.826	ug/l	
47) Methyl methacrylate	6.62	69	26124	20.313	ug/l	100
48) Ethyl methacrylate	8.02	69	25182	10.263	ug/l	100
49) Toluene	7.63	92	62771	10.087	ug/l	100
50) t-1,3-Dichloropropene	7.87	75	37387	10.132	ug/l	100
51) cis-1,3-Dichloropropene	7.26	75	40535	9.799	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	18986	9.618	ug/l	100
53) 1,3-Dichloropropane	8.24	76	35073	9.530	ug/l	100
54) 2-Hexanone	8.36	43	73562	50.391	ug/l	100
55) Dibromochloromethane	8.47	129	25265	9.908	ug/l	100
56) 1,2-Dibromoethane	8.58	107	17456	9.808	ug/l	100
58) Tetrachloroethene	8.22	164	24991	9.990	ug/l	100
59) Chlorobenzene	9.12	112	67229	10.143	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	26591	9.682	ug/l	100
61) Pentachloroethane	11.10	117	20522	9.849	ug/l	100
62) Hexachloroethane	12.14	117	20660	9.782	ug/l	100
63) Ethyl Benzene	9.25	91	124707	10.611	ug/l	100
64) m/p-Xylenes	9.37	106	94315	21.239	ug/l	100
65) o-Xylene	9.77	106	44919	10.599	ug/l	100
66) Styrene	9.79	104	79189	10.772	ug/l	100
67) Bromoform	9.95	173	14907	10.202	ug/l	100
69) Isopropylbenzene	10.16	105	123331	10.611	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	24816	9.599	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	22242m	10.700	ug/l	
72) Bromobenzene	10.45	156	29308	10.502	ug/l	100
73) n-propylbenzene	10.58	120	33779	11.081	ug/l	100
74) 2-Chlorotoluene	10.66	126	29142	10.523	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	110698	10.779	ug/l	100
76) 4-Chlorotoluene	10.77	126	30547	10.990	ug/l	100
77) tert-Butylbenzene	11.10	119	105756	10.784	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	116140	10.989	ug/l	100
79) sec-Butylbenzene	11.32	105	141003	10.720	ug/l	100
80) Nitrobenzene	12.86	77	5955	63.411	ug/l	100
81) p-Isopropyltoluene	11.47	119	120678	10.996	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	58839	10.071	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	59900	10.336	ug/l	100
84) n-Butylbenzene	11.89	91	117462	10.995	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	55486	10.308	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4946	9.985	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	39320	11.011	ug/l	100
88) Hexachlorobutadiene	13.69	225	24213	10.558	ug/l	100
89) Naphthalene	13.74	128	68605	11.736	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	36304	10.876	ug/l	100

(#) = 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: VU029307.D

Acq: 29 Jan 2019 18:28

Tot Ion: 96 Resp: 8071

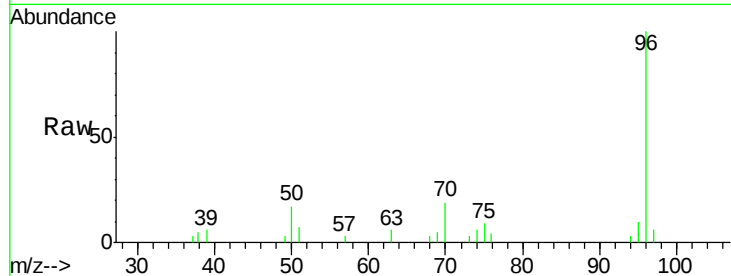
Ion Ratio Lower Upper

96 100

70 20.2 16.2 24.2

95 9.3 7.4 11.2

97 0.0 0.0 0.0

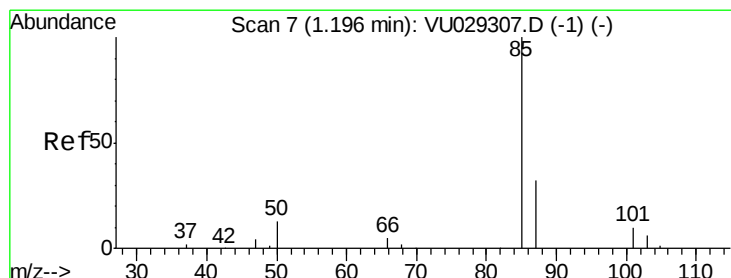
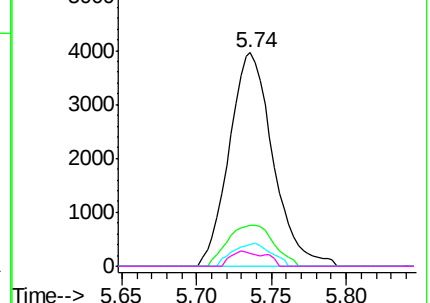
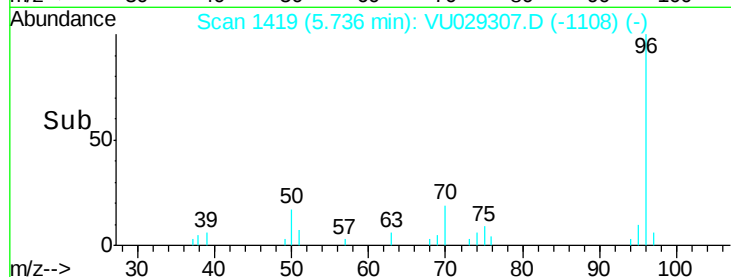


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.135 ug/l m

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VU029307.D

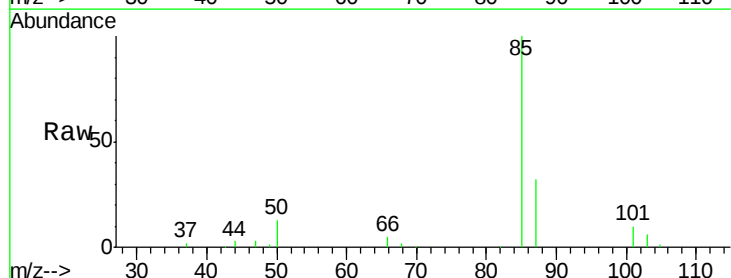
Acq: 29 Jan 2019 18:28

Tgt Ion: 85 Resp: 37181

Ion Ratio Lower Upper

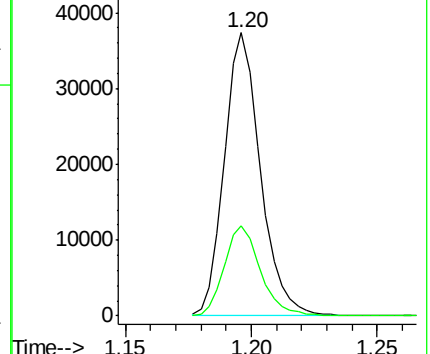
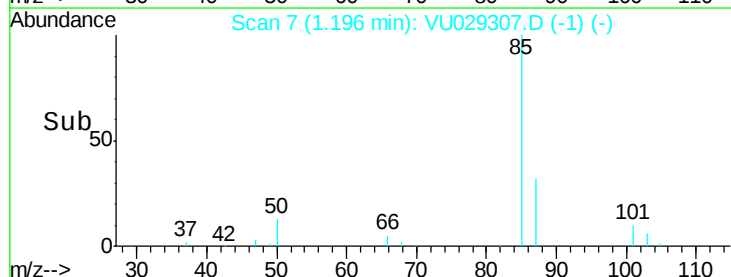
85 100

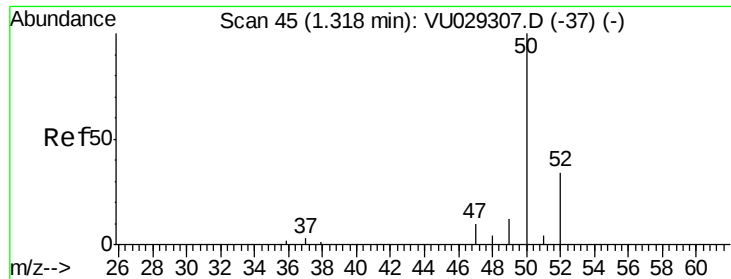
87 31.7 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

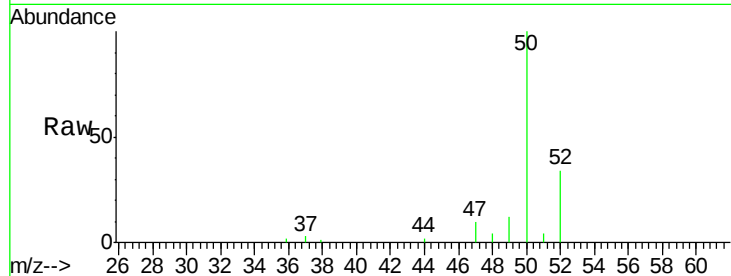
Ion 87.00 (86.70 to 87.70): VU0



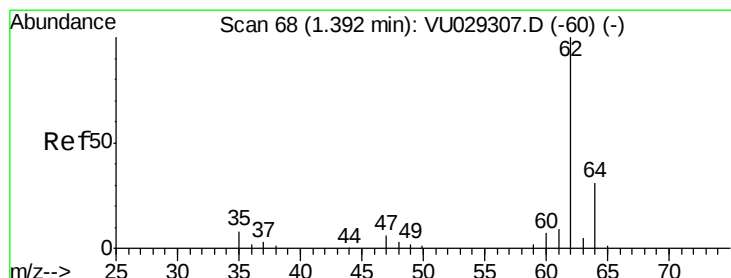
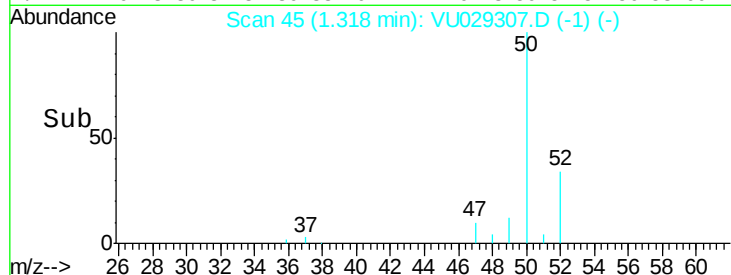
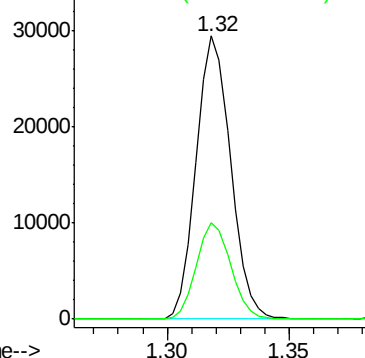


#3
Chloromethane
Concen: 8.096 ug/l
RT: 1.32 min Scan# 45
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion: 50 Resp: 28933
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9

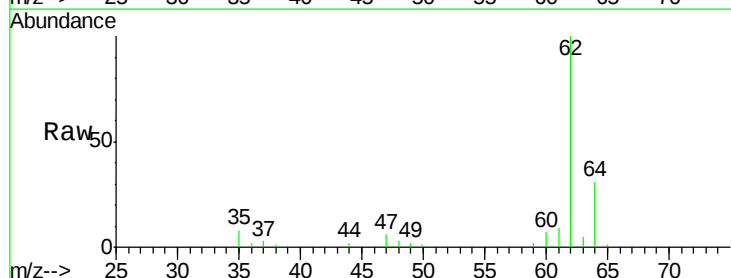


Abundance Ion 50.00 (49.70 to 50.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

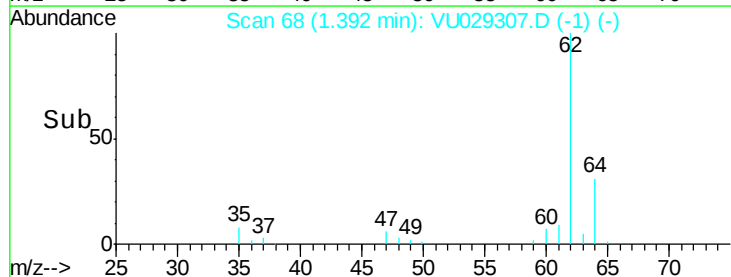
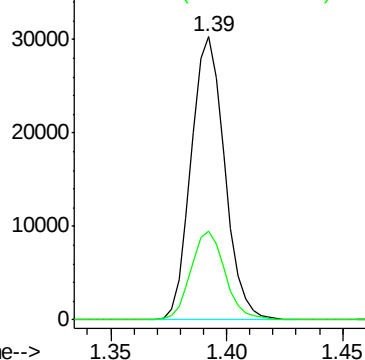


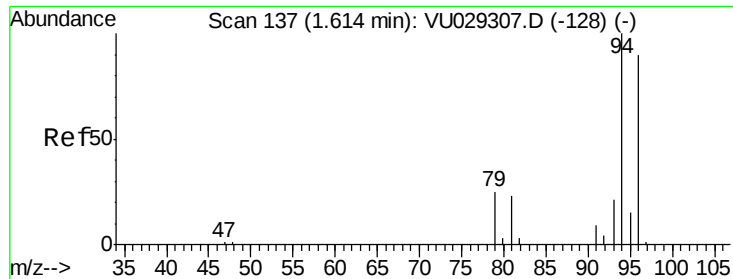
#4
Vinyl Chloride
Concen: 8.736 ug/l
RT: 1.39 min Scan# 68
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion: 62 Resp: 30336
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8



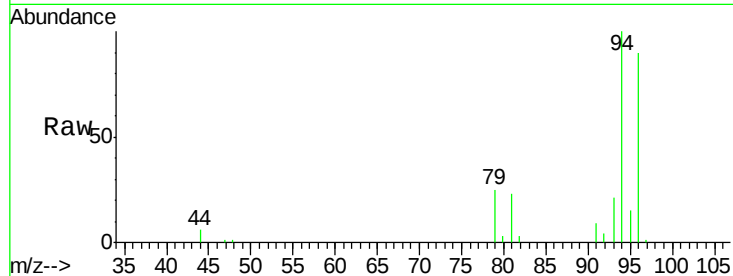
Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 64.00 (63.70 to 64.70): VU0



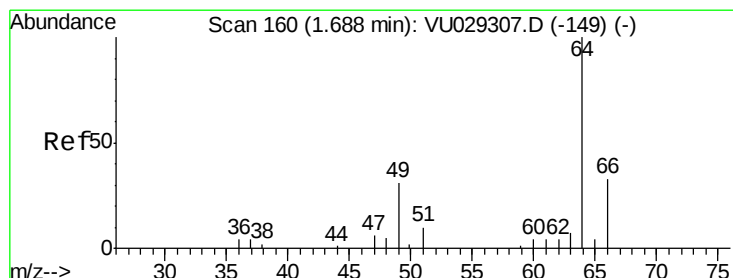
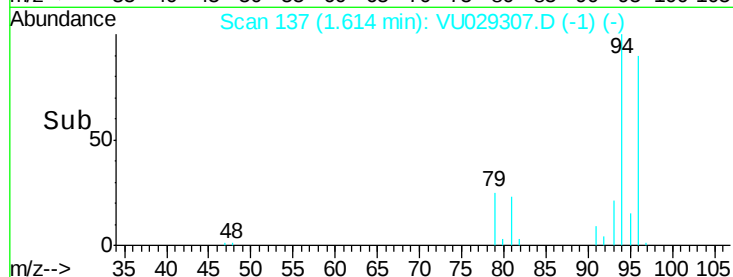
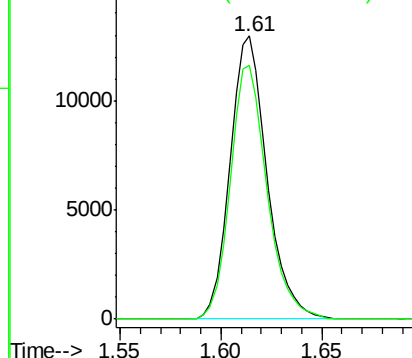


#5
Bromomethane
Concen: 8.192 ug/l
RT: 1.61 min Scan# 137
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion: 94 Resp: 16625
Ion Ratio Lower Upper
94 100
96 89.6 71.7 107.5

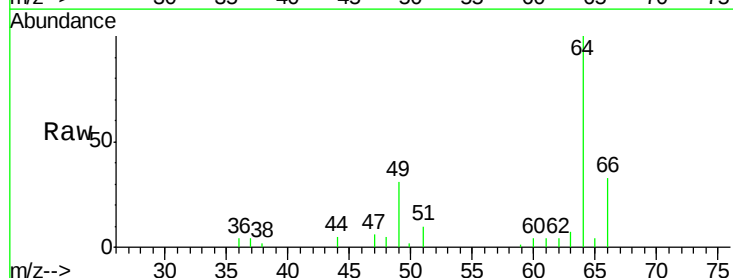


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

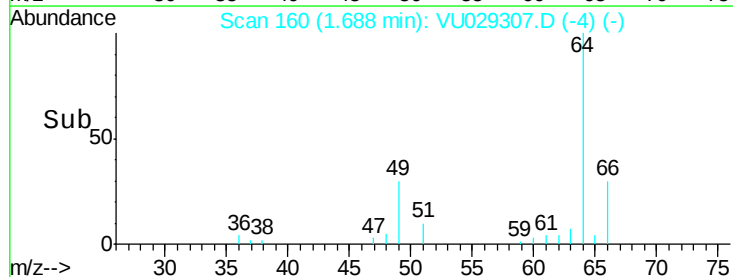
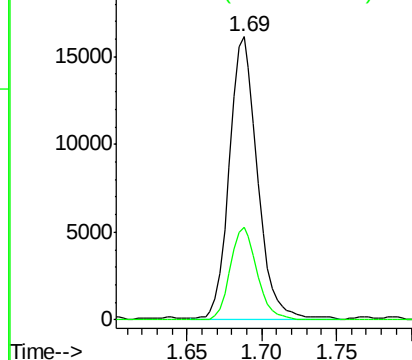


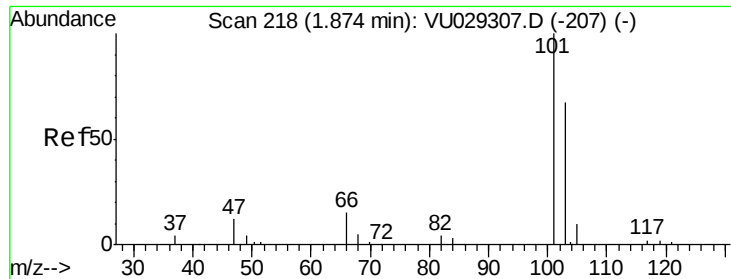
#6
Chloroethane
Concen: 8.849 ug/l
RT: 1.69 min Scan# 160
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion: 64 Resp: 21364
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5



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

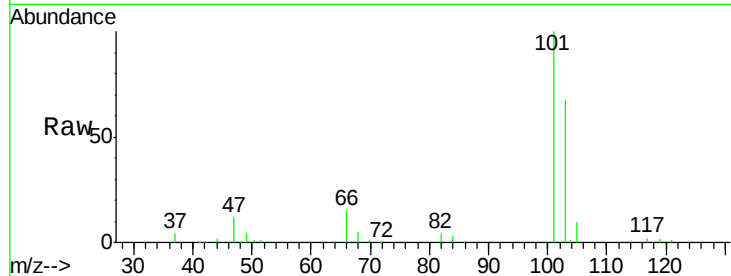




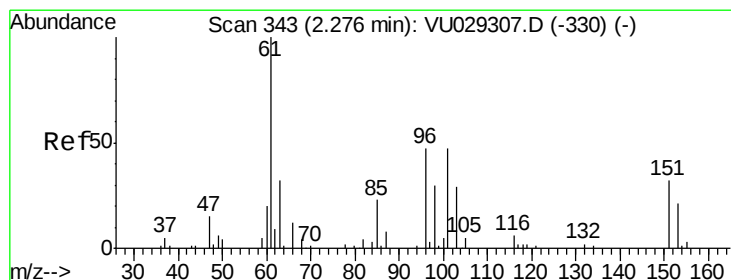
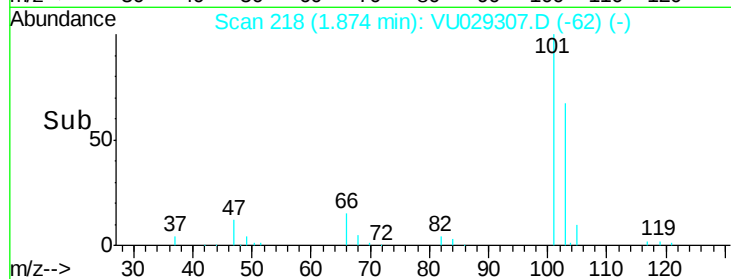
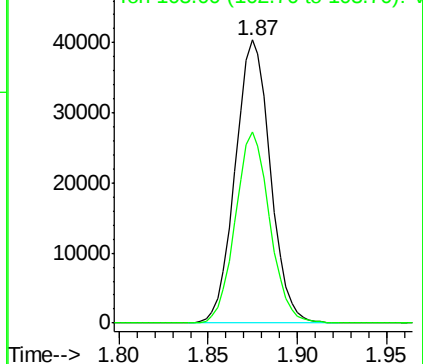
#7

Trichlorofluoromethane
Concen: 9.510 ug/l
RT: 1.87 min Scan# 218
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion	101	Resp	55536
Ion Ratio	Lower	Upper	
101	100		
103	67.4	53.9	80.9



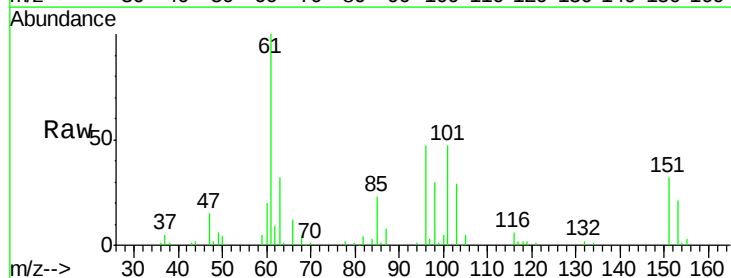
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



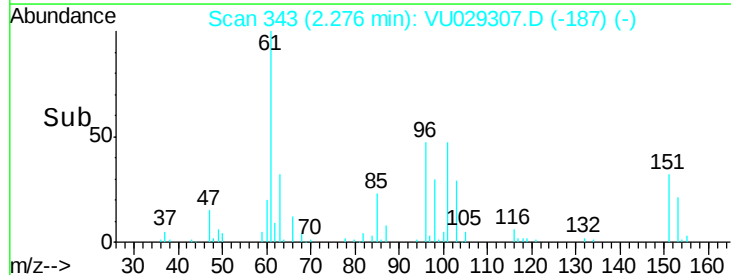
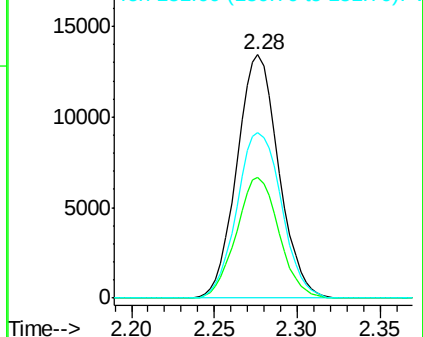
#8

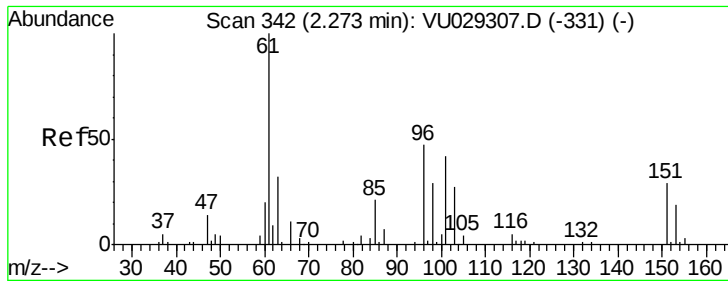
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.537 ug/l
RT: 2.28 min Scan# 343
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion	101	Resp	23599
Ion Ratio	Lower	Upper	
101	100		
85	50.4	40.3	60.5
151	72.6	58.1	87.1



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





#9

1,1-Dichloroethene

Concen: 9.329 ug/l

RT: 2.27 min Scan# 342

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

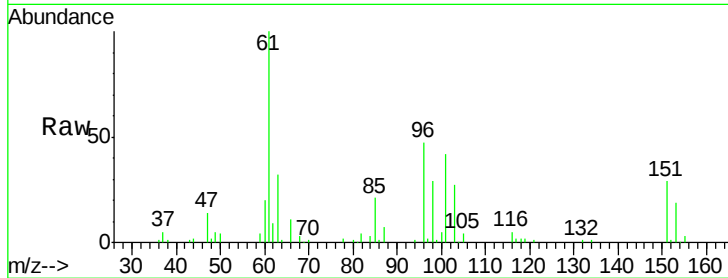
Tot Ion: 96 Resp: 21748

Ion Ratio Lower Upper

96 100

61 213.8 0.0 641.4

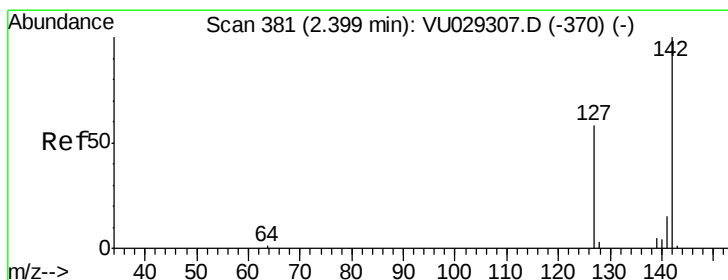
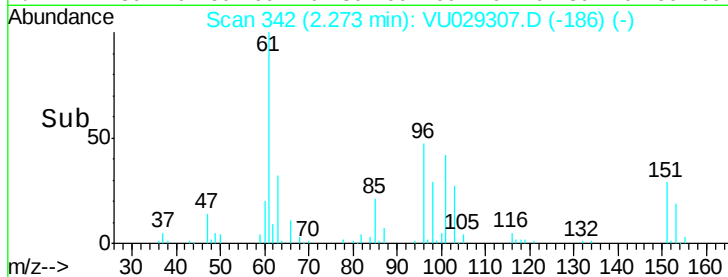
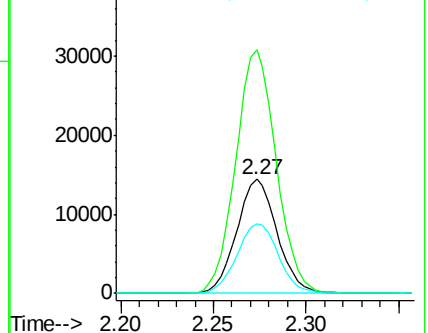
98 61.3 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU029307.D (-331) (-)

Ion 61.00 (60.70 to 61.70): VU029307.D (-331) (-)

Ion 98.00 (97.70 to 98.70): VU029307.D (-331) (-)



#10

Iodomethane

Concen: 11.904 ug/l

RT: 2.40 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU029307.D

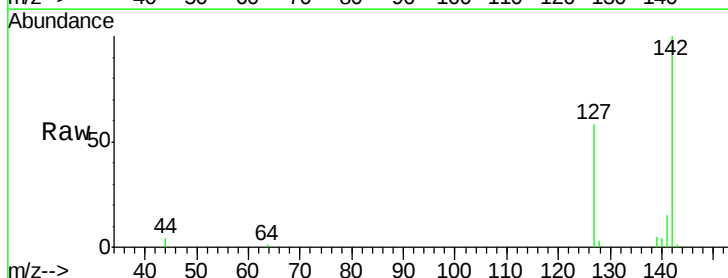
Acq: 29 Jan 2019 18:28

Tgt Ion: 142 Resp: 24886

Ion Ratio Lower Upper

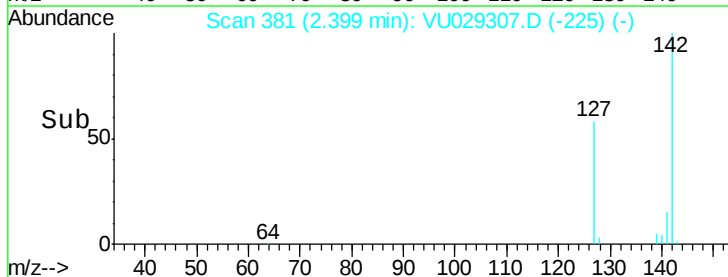
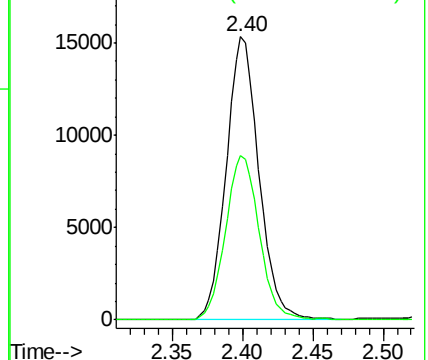
142 100

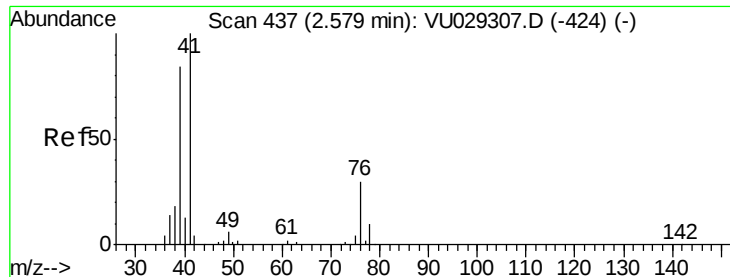
127 59.5 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): VU029307.D (-370) (-)

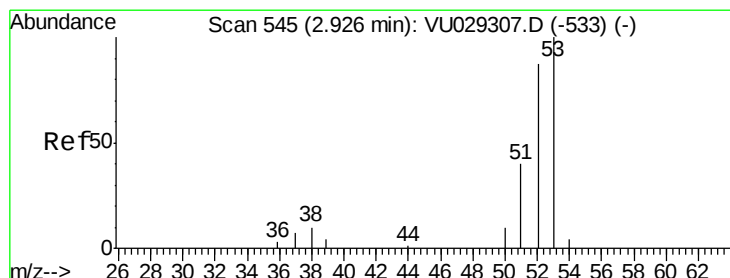
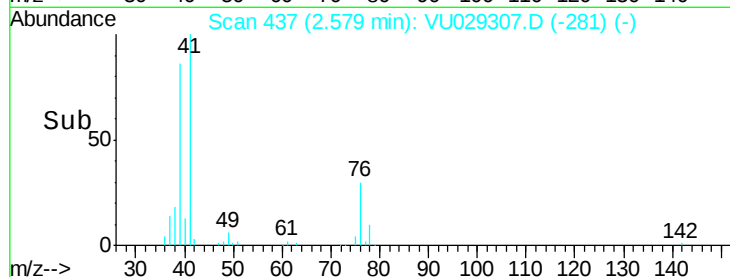
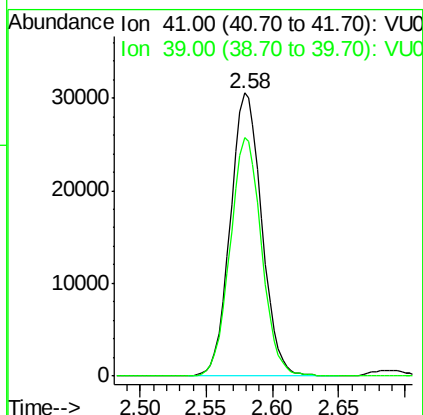
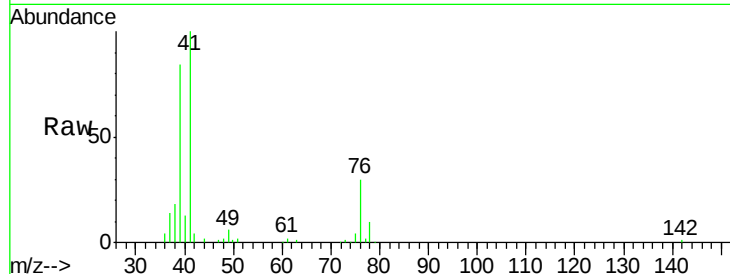
Ion 127.00 (126.70 to 127.70): VU029307.D (-370) (-)





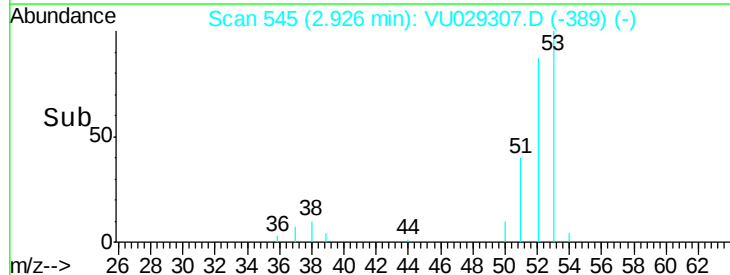
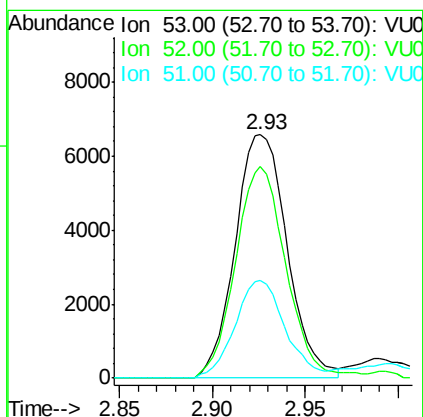
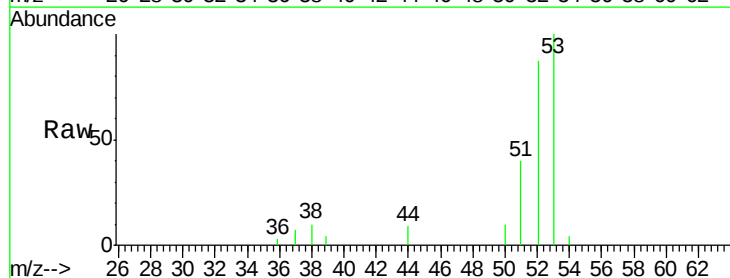
#11
Allvl Chloride
Concen: 8.618 ug/l
RT: 2.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

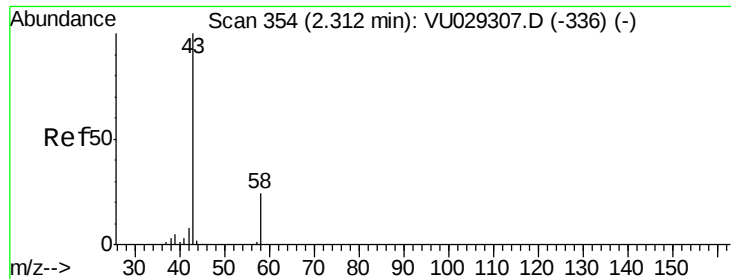
Tot Ion: 41 Resp: 50418
Ion Ratio Lower Upper
41 100
39 84.0 67.2 100.8



#12
Acrylonitrile
Concen: 17.779 ug/l
RT: 2.93 min Scan# 545
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion: 53 Resp: 12852
Ion Ratio Lower Upper
53 100
52 84.5 67.6 101.4
51 38.7 31.0 46.4





#13

Acetone

Concen: 42.984 ug/l

RT: 2.31 min Scan# 354

Delta R.T. 0.00 min

Lab File: VU029307.D

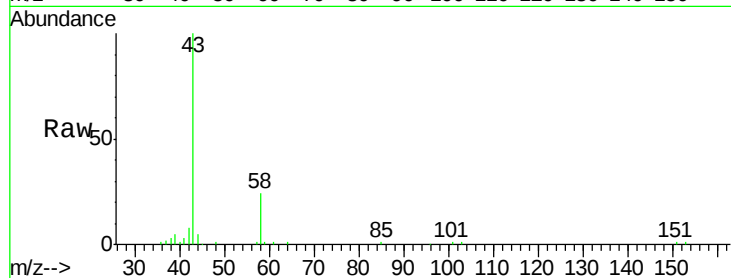
Acq: 29 Jan 2019 18:28

Tot Ion: 43 Resp: 35322

Ion Ratio Lower Upper

43 100

58 24.0 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

25000

20000

15000

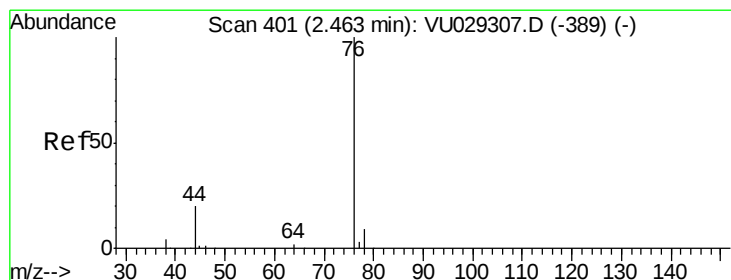
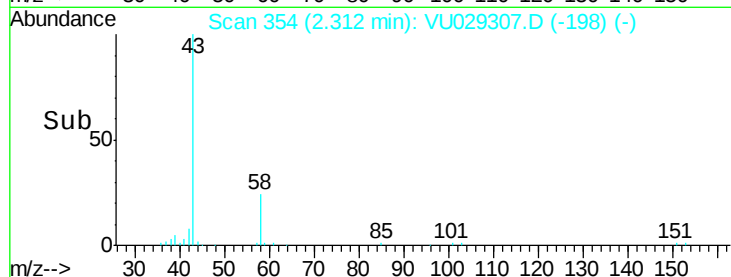
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 8.790 ug/l

RT: 2.46 min Scan# 401

Delta R.T. 0.00 min

Lab File: VU029307.D

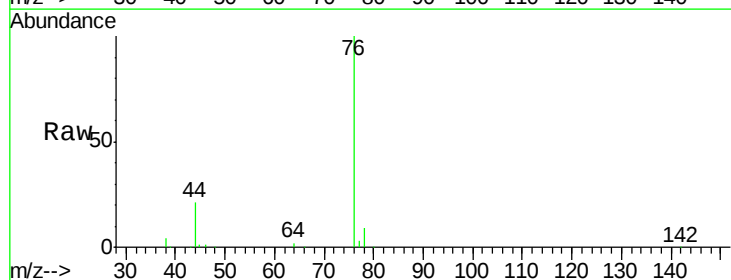
Acq: 29 Jan 2019 18:28

Tgt Ion: 76 Resp: 75504

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.46

50000

40000

30000

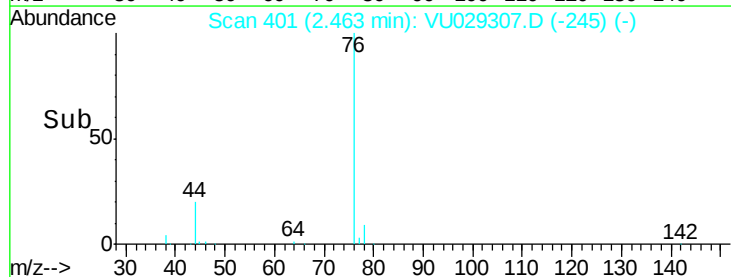
20000

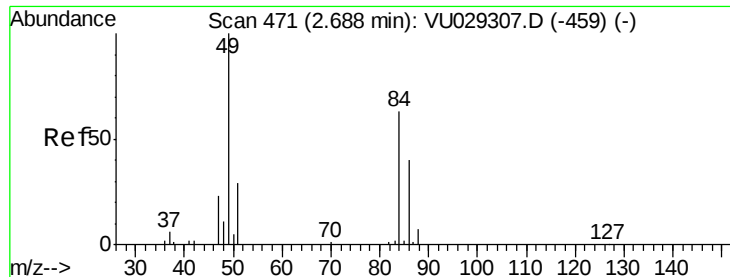
10000

0

Time-->

2.40 2.45 2.50 2.55

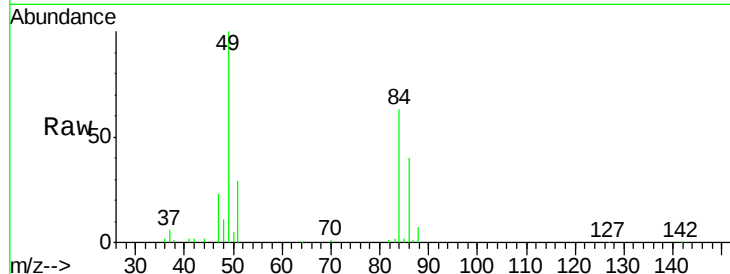




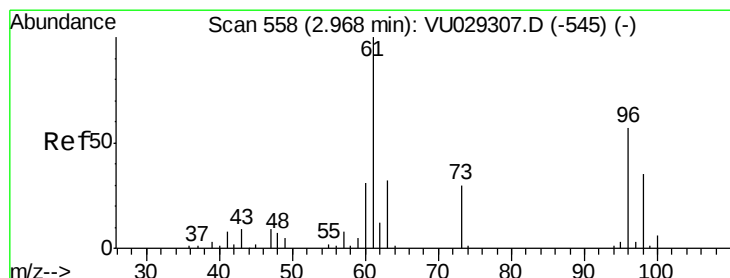
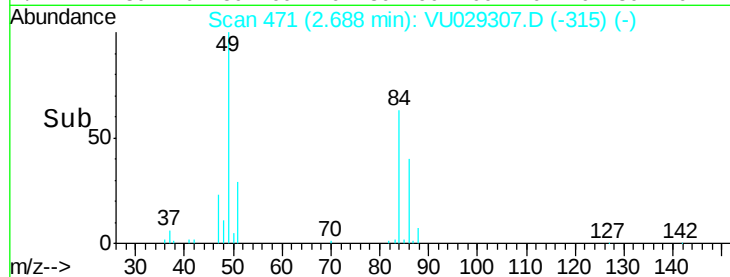
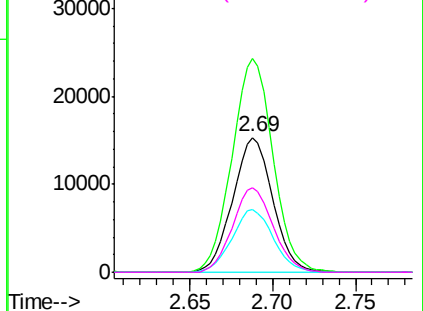
#15
Methvlene Chloride
Concen: 8.432 ug/l
RT: 2.69 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion: 84 Resp: 25677

Ion	Ratio	Lower	Upper
84	100		
49	158.8	127.0	190.6
51	46.7	0.0	93.4
86	63.2	50.6	75.8



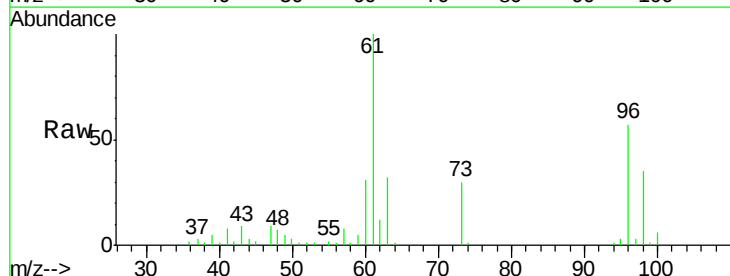
Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



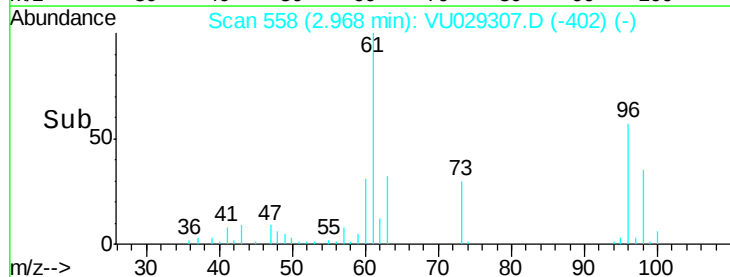
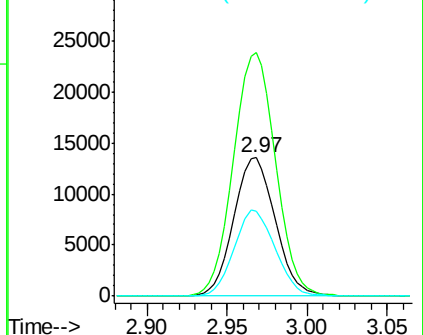
#16
trans-1,2-Dichloroethene
Concen: 9.140 ug/l
RT: 2.97 min Scan# 558
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

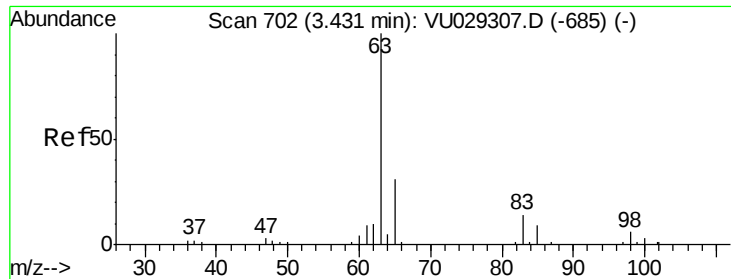
Tgt Ion: 96 Resp: 24030

Ion	Ratio	Lower	Upper
96	100		
61	175.7	140.6	210.8
98	61.6	49.3	73.9



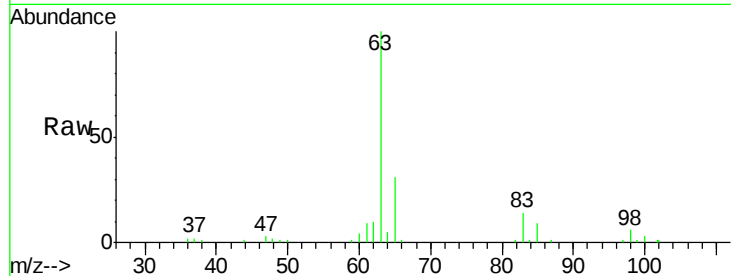
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



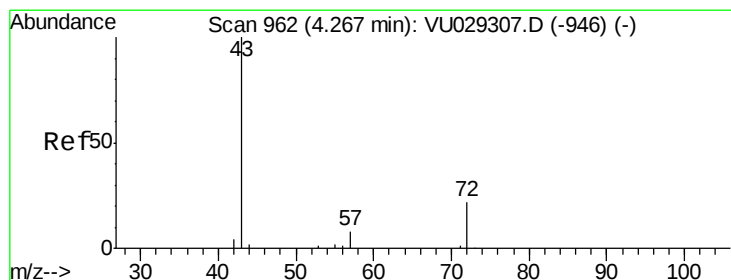
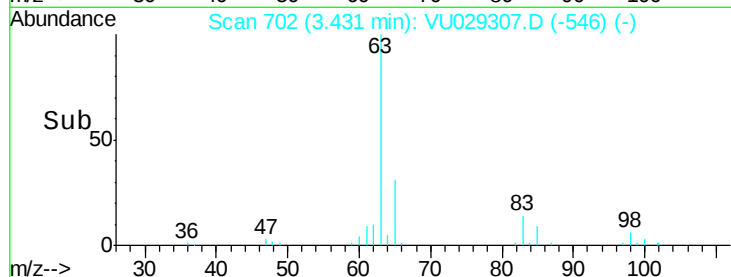
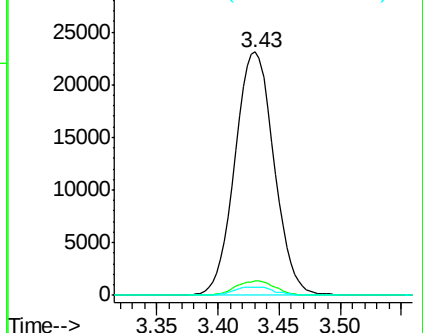


#17
 1,1-Dichloroethane
 Concen: 8.756 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	3.4	1.7	5.1

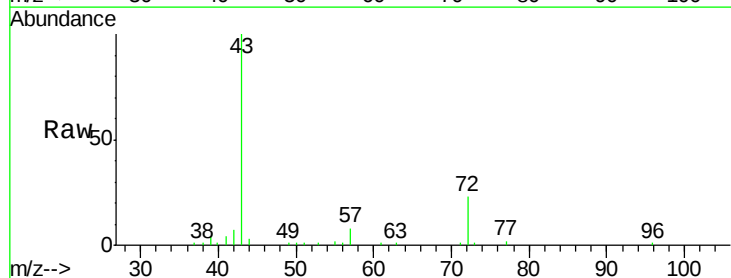


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

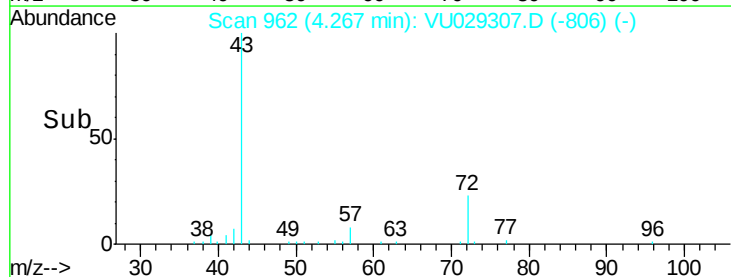
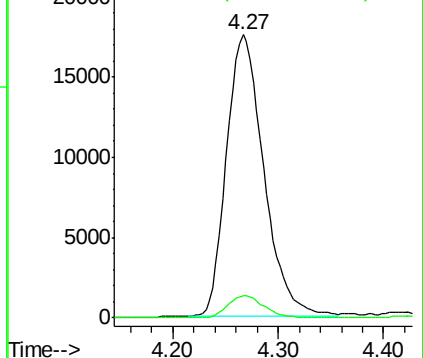


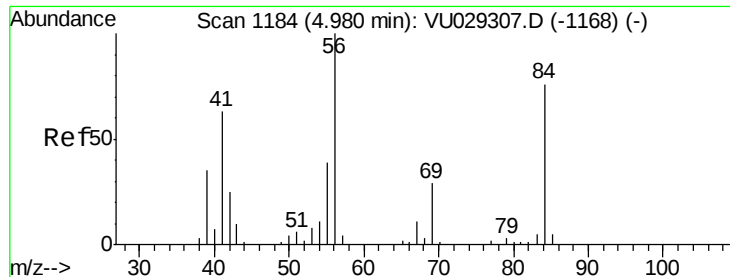
#18
 2-Butanone
 Concen: 46.453 ug/l
 RT: 4.27 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	15.8



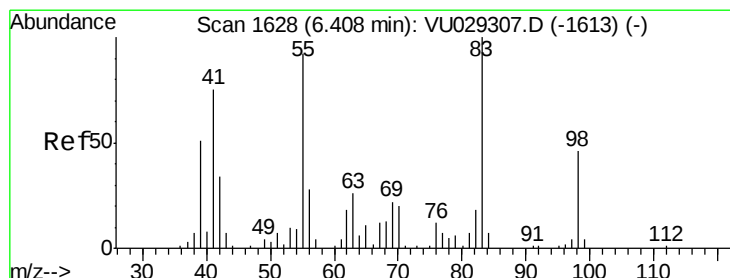
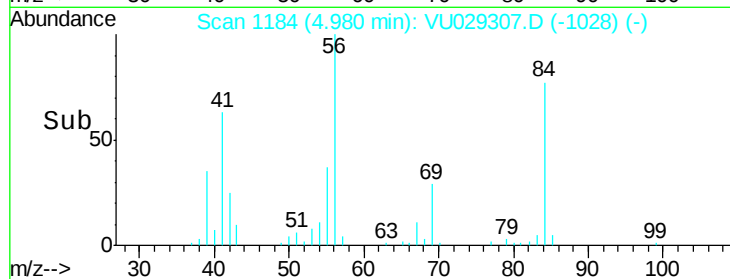
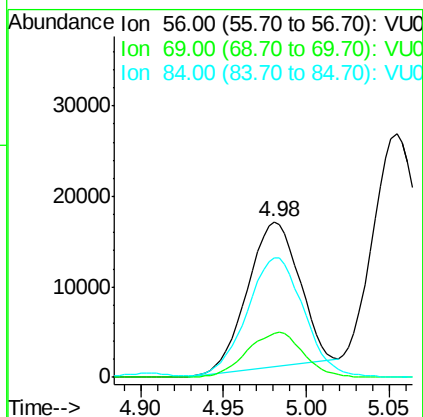
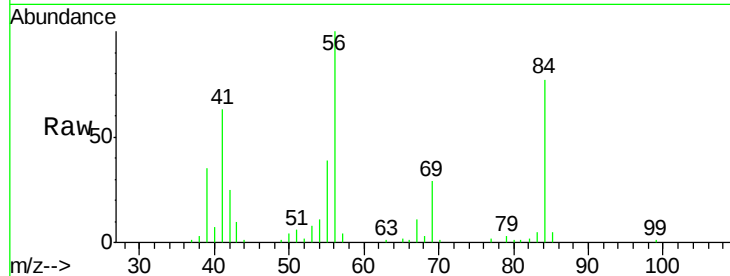
Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





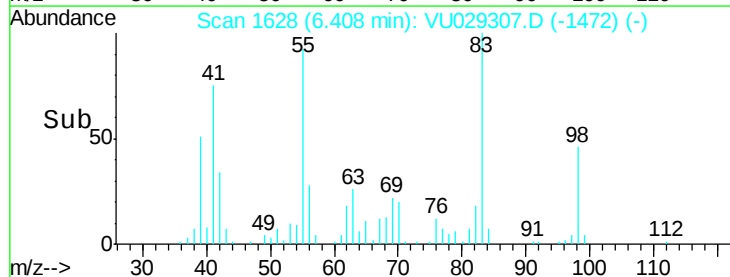
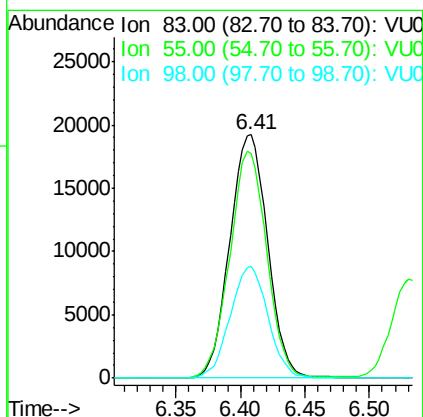
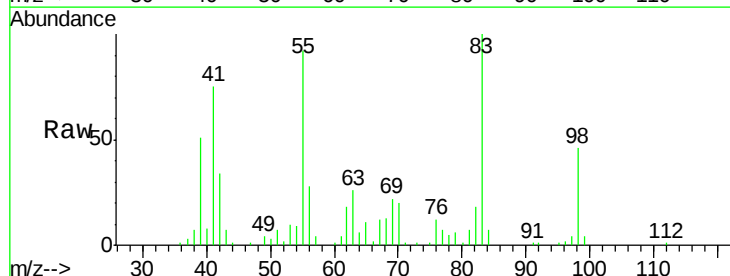
#19
Cyclohexane
Concen: 9.515 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

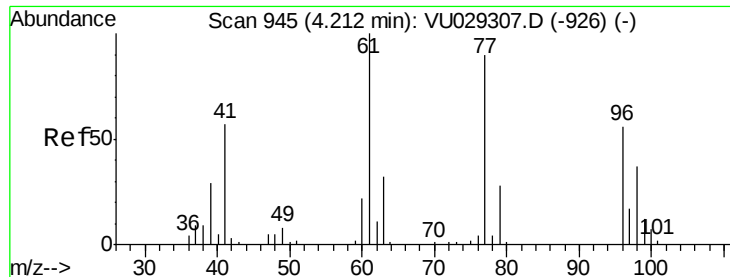
Tot Ion: 56 Resp: 35088
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 89.4 71.5 107.3



#20
Methylcyclohexane
Concen: 10.014 ug/l
RT: 6.41 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion: 83 Resp: 39299
Ion Ratio Lower Upper
83 100
55 90.5 72.4 108.6
98 45.7 36.6 54.8





#21

2,2-Dichloropropane

Concen: 9.445 ug/l

RT: 4.21 min Scan# 945

Delta R.T. 0.00 min

Lab File: VU029307.D

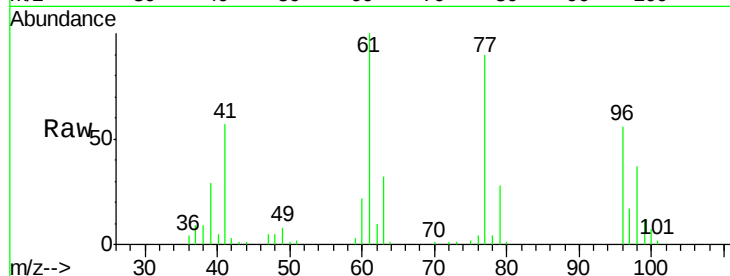
Acq: 29 Jan 2019 18:28

Tot Ion: 77 Resp: 47736

Ion Ratio Lower Upper

77 100

97 19.5 15.6 23.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

4.21

20000

15000

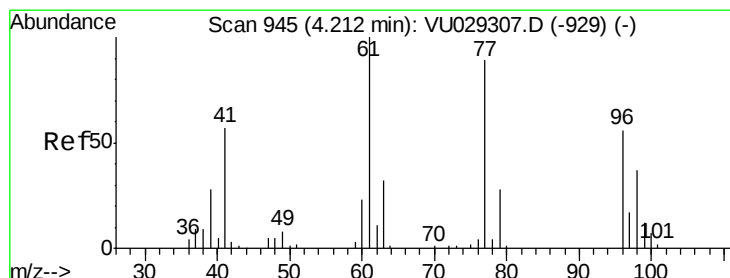
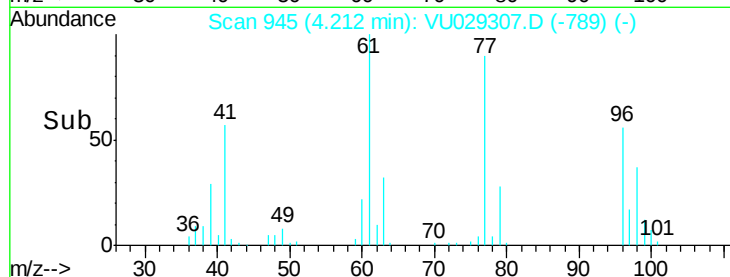
10000

5000

0

Time-->

4.10 4.15 4.20 4.25 4.30



#22

cis-1,2-Dichloroethene

Concen: 9.460 ug/l

RT: 4.21 min Scan# 945

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

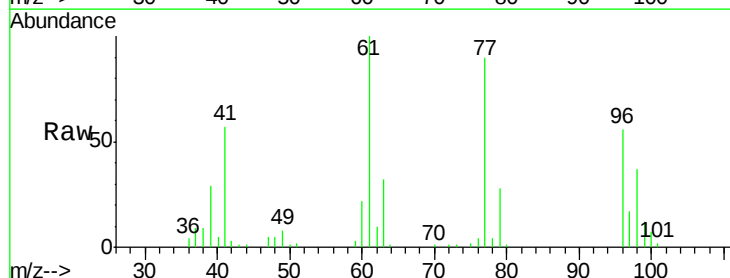
Tgt Ion: 96 Resp: 26260

Ion Ratio Lower Upper

96 100

61 184.0 0.0 460.0

98 65.1 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

25000

20000

15000

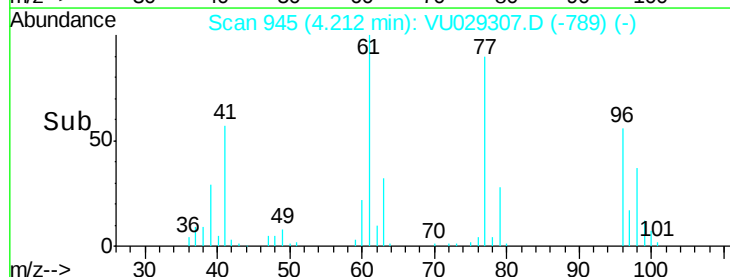
10000

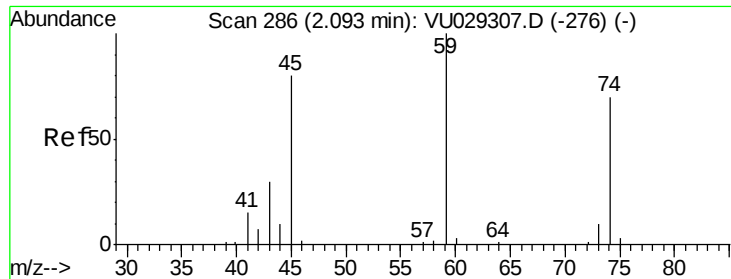
5000

0

Time-->

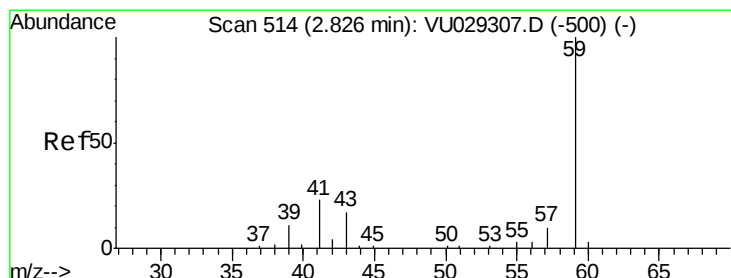
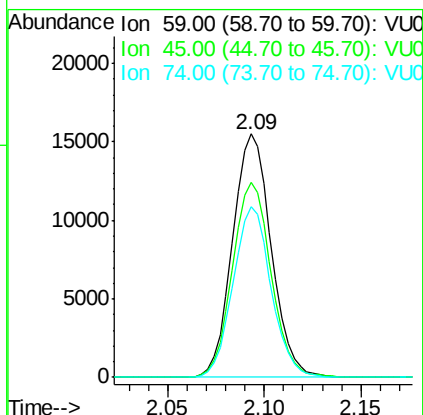
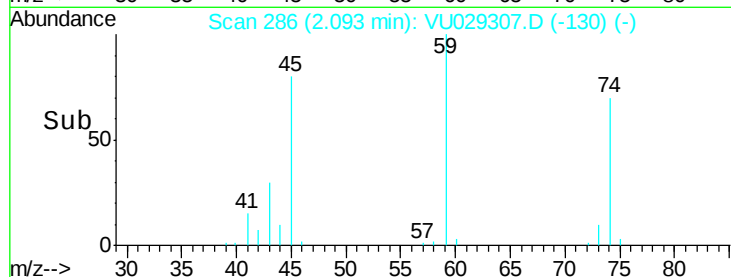
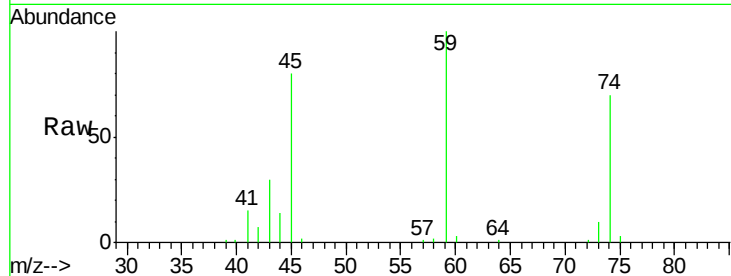
4.15 4.20 4.25 4.30





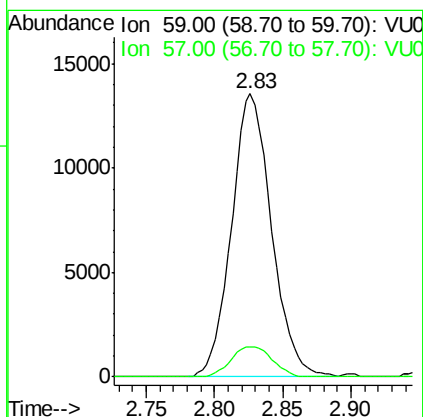
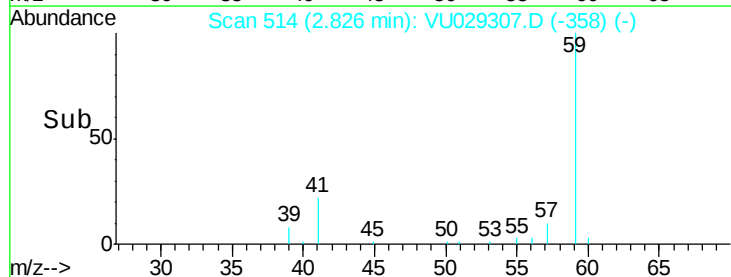
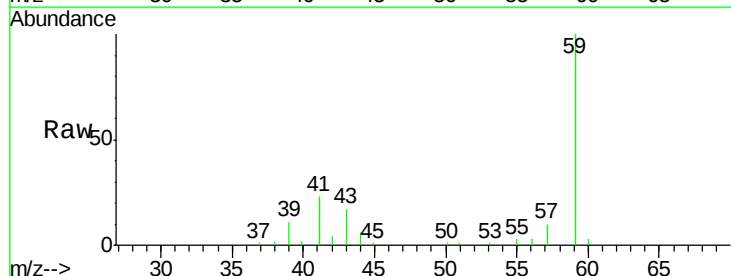
#23
Diethyl Ether
Concen: 9.095 ug/l
RT: 2.09 min Scan# 286
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

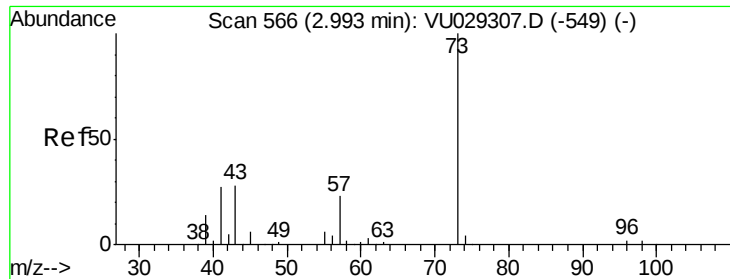
Tot Ion:	59	Resp:	21488
Ion	Ratio	Lower	Upper
59	100		
45	80.3	64.2	96.4
74	69.1	55.3	82.9



#24
tert-Butyl Alcohol
Concen: 97.506 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion:	59	Resp:	27562
Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.8	13.2

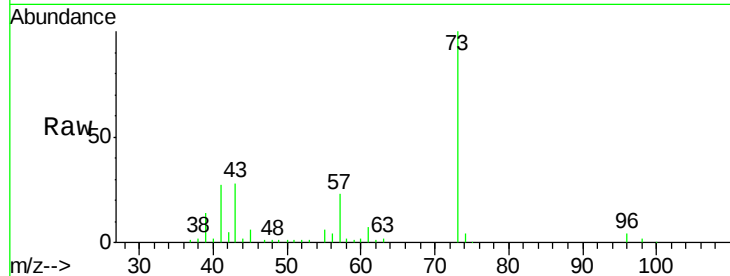




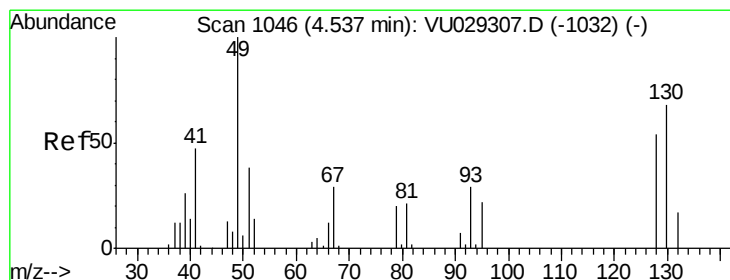
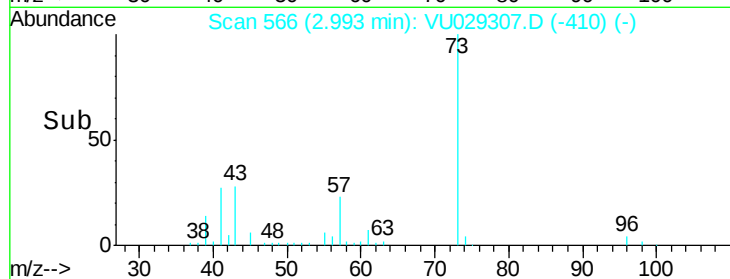
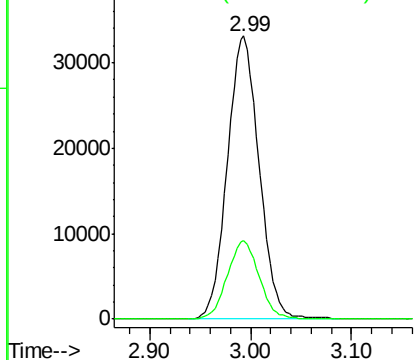
#25

Methyl tert-Butyl Ether
 Concen: 9.183 ug/l
 RT: 2.99 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion: 73 Resp: 72787
 Ion Ratio Lower Upper
 73 100
 43 27.6 22.1 33.1



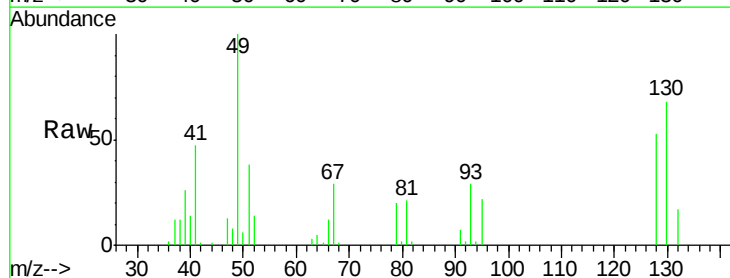
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0



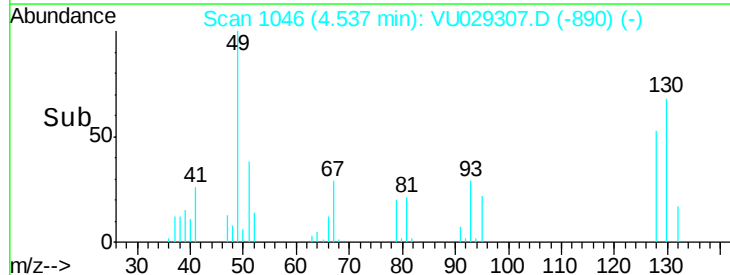
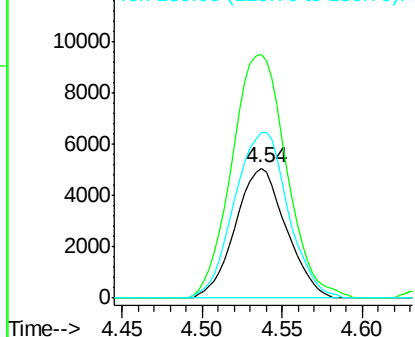
#26

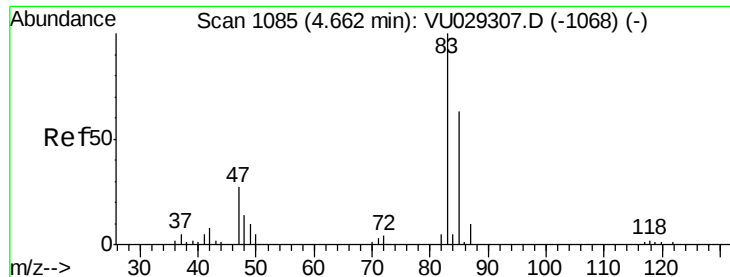
Bromochloromethane
 Concen: 9.512 ug/l
 RT: 4.54 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion: 128 Resp: 11034
 Ion Ratio Lower Upper
 128 100
 49 200.8 0.0 401.6
 130 135.0 108.0 162.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V





#27

Chloroform

Concen: 9.403 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VU029307.D

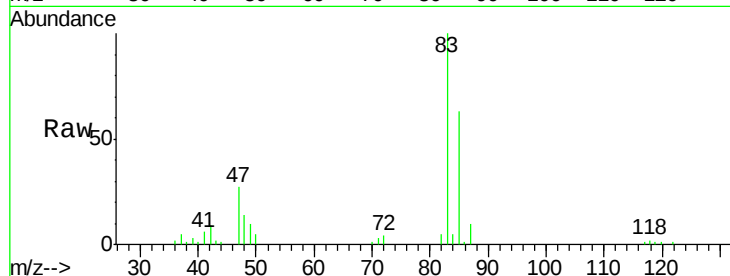
Acq: 29 Jan 2019 18:28

Tot Ion: 83 Resp: 53957

Ion Ratio Lower Upper

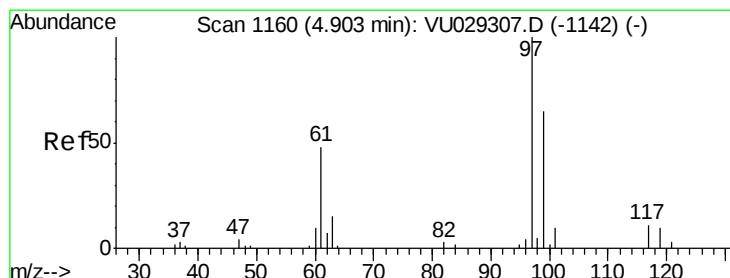
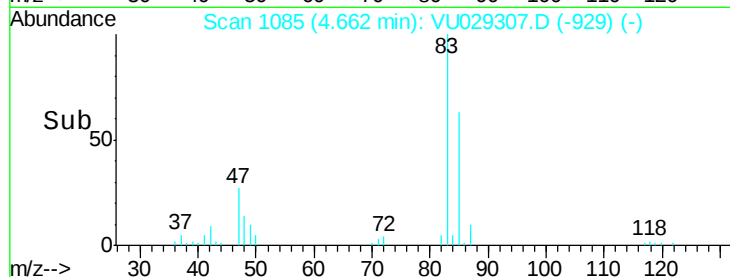
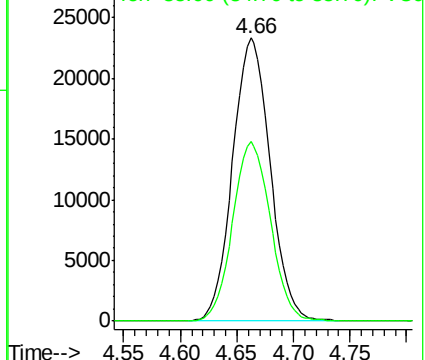
83 100

85 63.3 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 9.509 ug/l

RT: 4.90 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

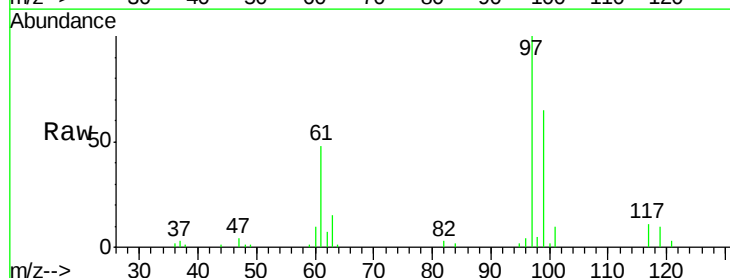
Tgt Ion: 97 Resp: 49654

Ion Ratio Lower Upper

97 100

99 64.8 32.4 97.2

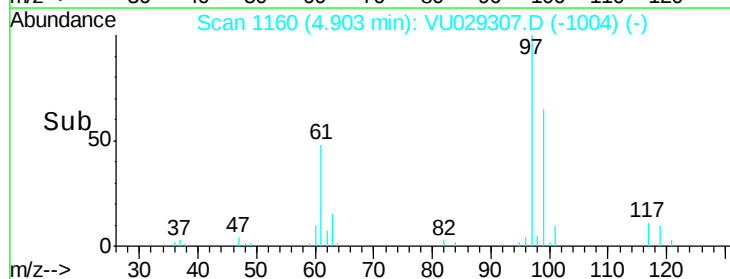
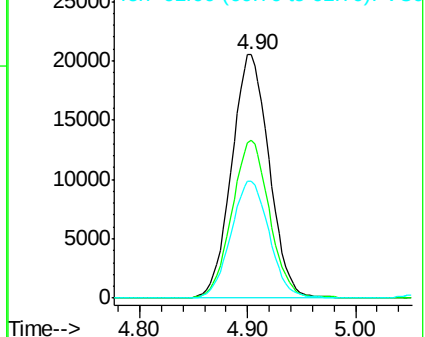
61 48.8 24.4 73.2

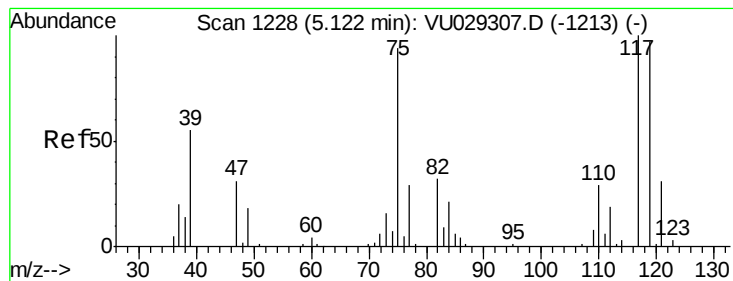


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 9.873 ug/l

RT: 5.12 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

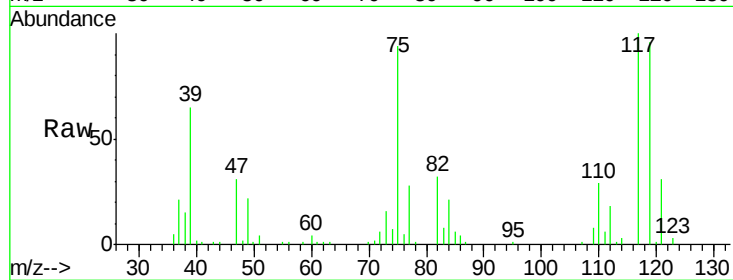
Tot Ion: 75 Resp: 39054

Ion Ratio Lower Upper

75 100

110 30.8 15.4 46.2

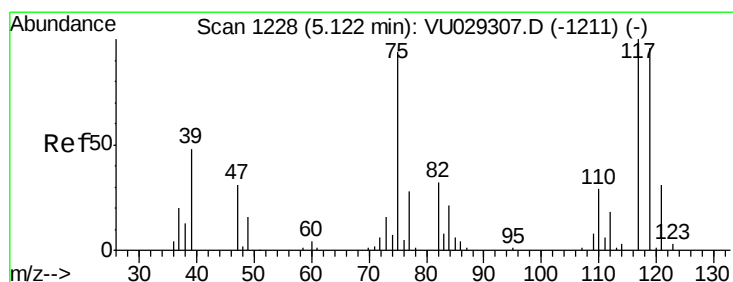
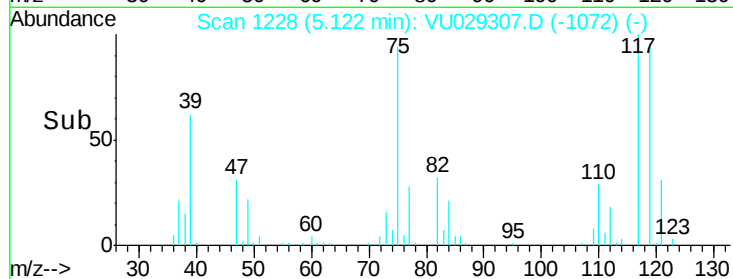
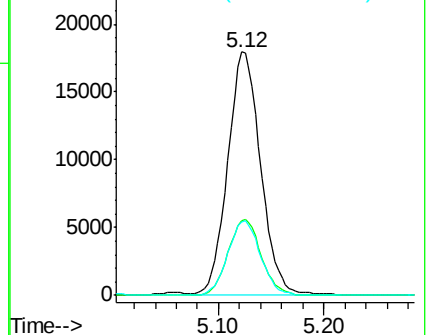
77 30.1 24.1 36.1



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

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

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



#30

Carbon Tetrachloride

Concen: 9.720 ug/l

RT: 5.12 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

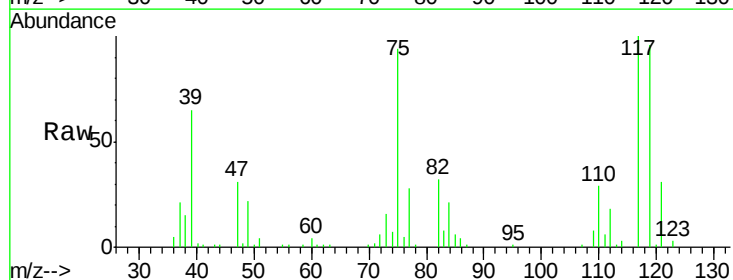
Tgt Ion: 117 Resp: 43785

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

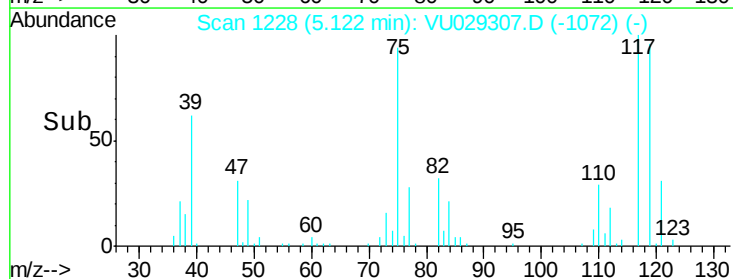
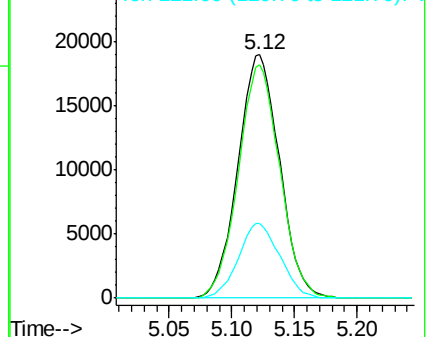
121 30.5 24.4 36.6

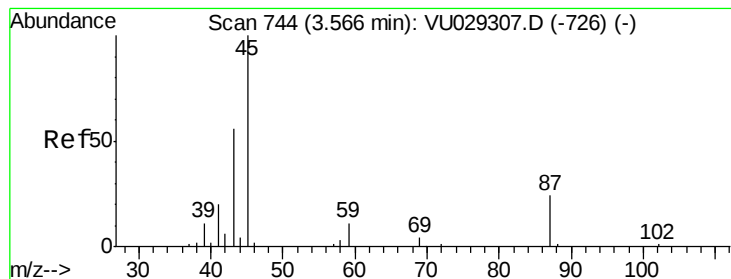


Abundance Ion 117.00 (116.70 to 117.70): VU029307.D (-1211) (-)

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

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





#31

Isopropyl Ether

Concen: 8.473 ug/l

RT: 3.57 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU029307.D

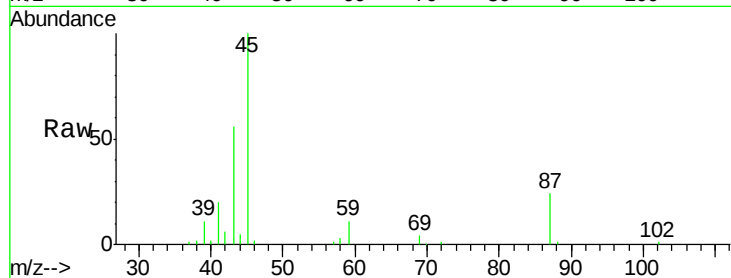
Acq: 29 Jan 2019 18:28

Tot Ion: 45 Resp: 78785

Ion Ratio Lower Upper

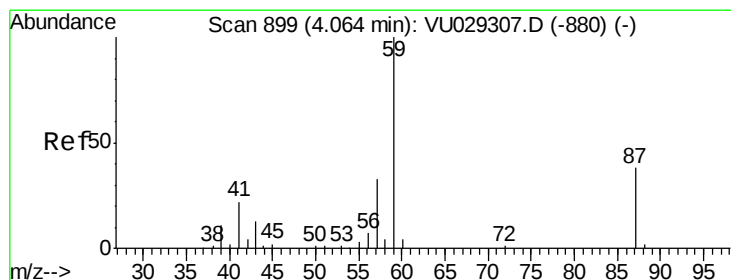
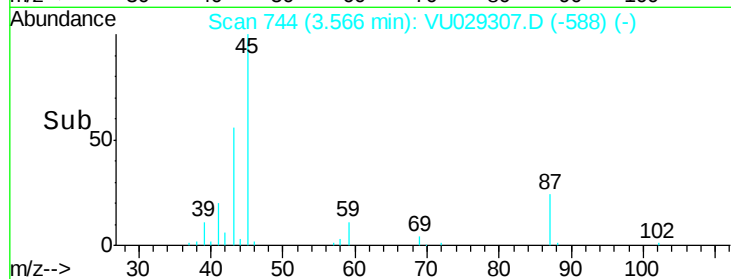
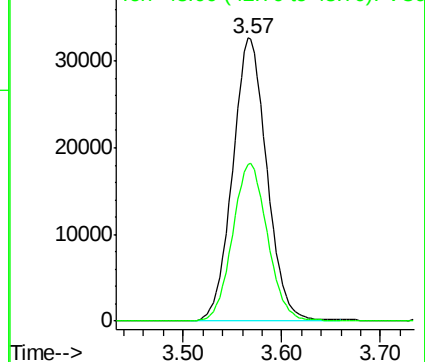
45 100

43 56.9 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: 9.532 ug/l

RT: 4.06 min Scan# 899

Delta R.T. 0.00 min

Lab File: VU029307.D

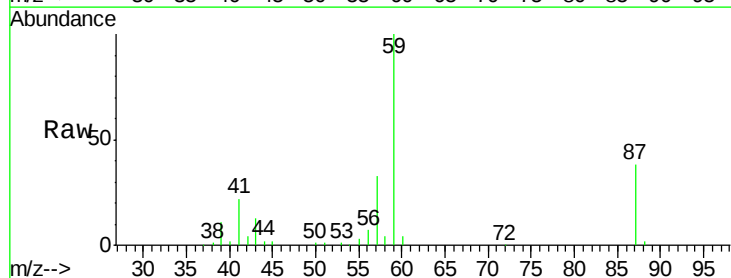
Acq: 29 Jan 2019 18:28

Tgt Ion: 59 Resp: 73943

Ion Ratio Lower Upper

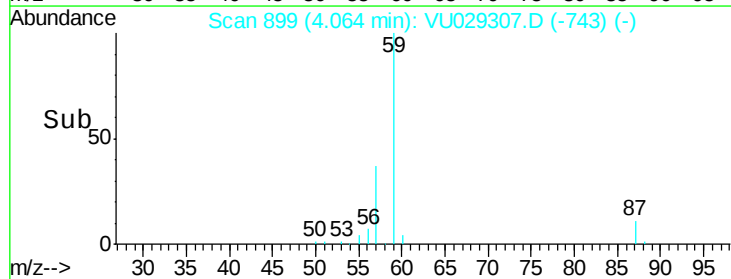
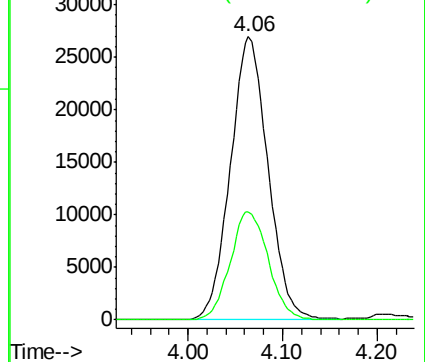
59 100

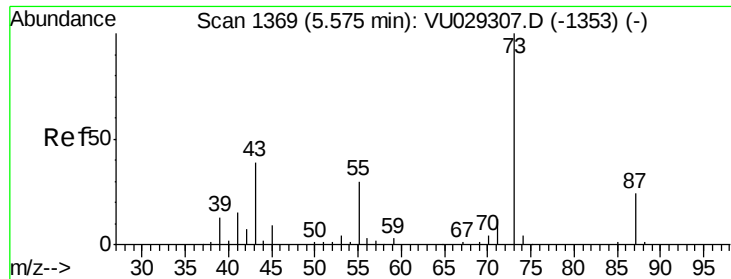
87 38.9 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

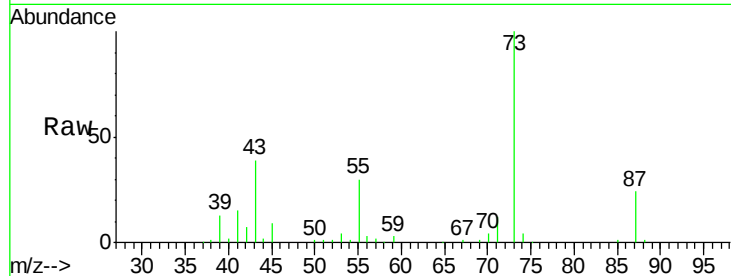




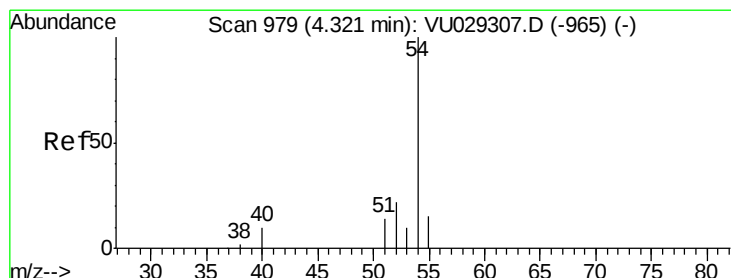
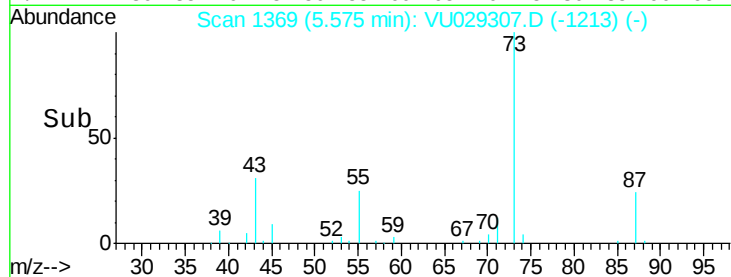
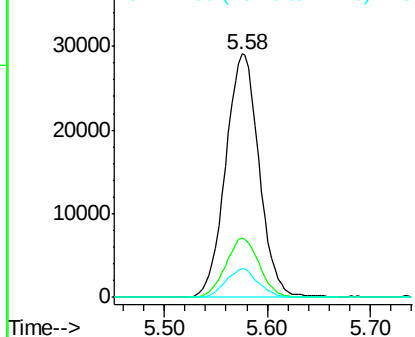
#33

Tert-Amvl methvl ether
 Concen: 10.041 ug/l
 RT: 5.58 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion:	73	Resp:	65643
Ion	Ratio	Lower	Upper
73	100		
87	24.2	19.4	29.0
71	11.2	9.0	13.4



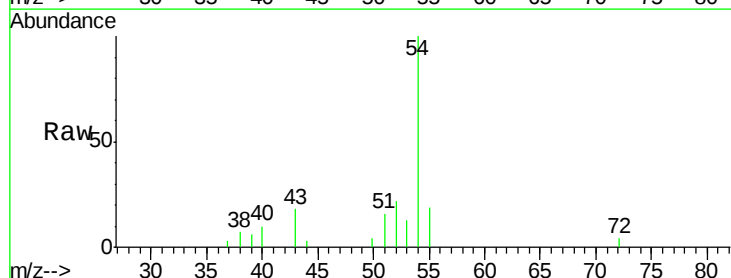
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



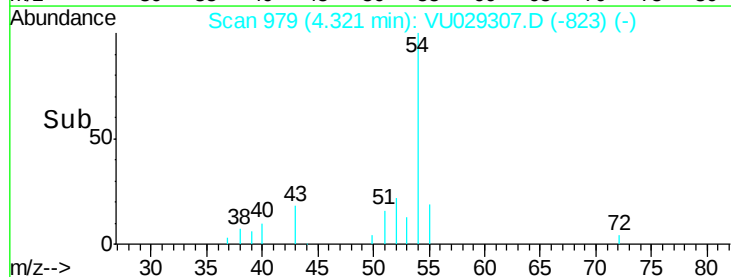
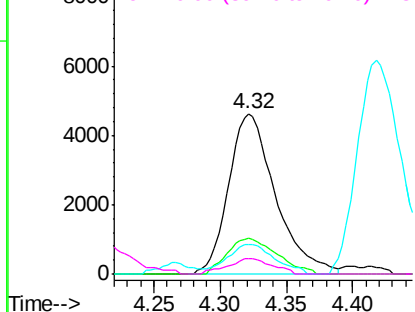
#34

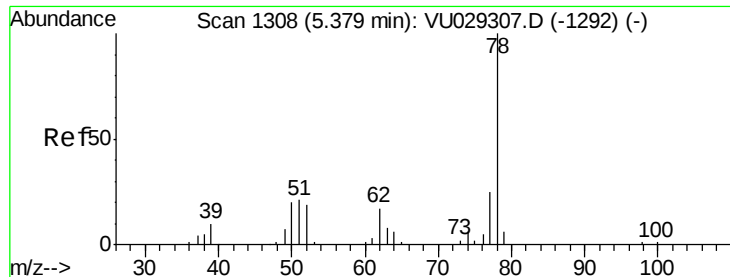
Propionitrile
 Concen: 49.512 ug/l
 RT: 4.32 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion:	54	Resp:	11382
Ion	Ratio	Lower	Upper
54	100		
52	23.6	18.9	28.3
55	18.9	15.1	22.7
40	9.0	7.2	10.8



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





#35

Benzene

Concen: 9.664 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VU029307.D

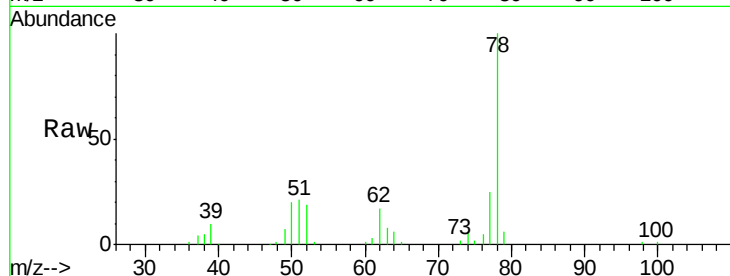
Acq: 29 Jan 2019 18:28

Tot Ion: 78 Resp: 104268

Ion Ratio Lower Upper

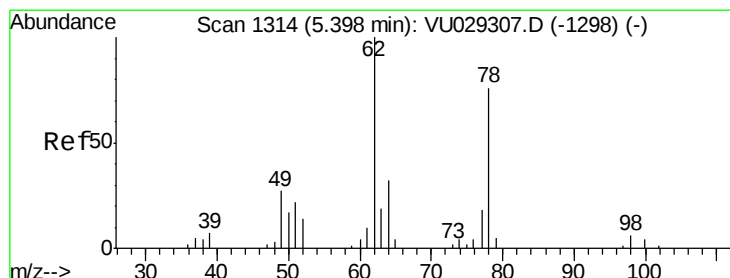
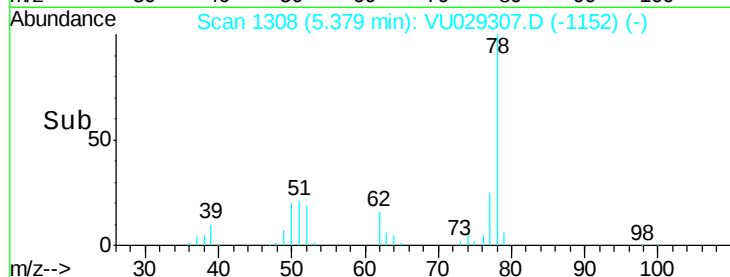
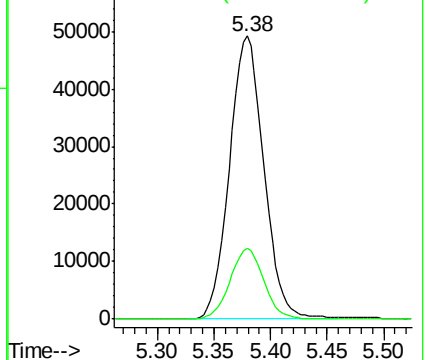
78 100

77 24.8 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: 9.326 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU029307.D

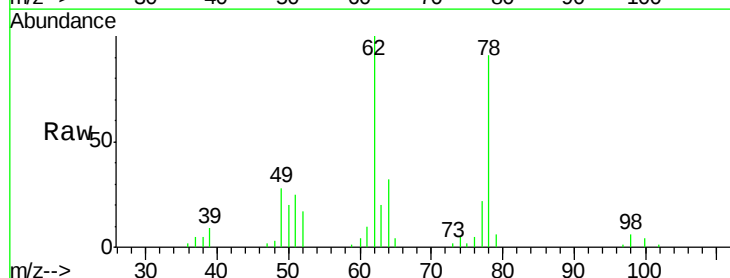
Acq: 29 Jan 2019 18:28

Tgt Ion: 62 Resp: 41980

Ion Ratio Lower Upper

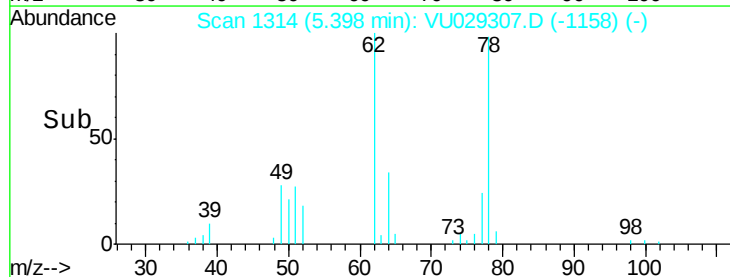
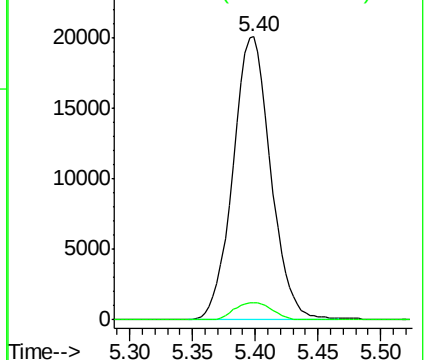
62 100

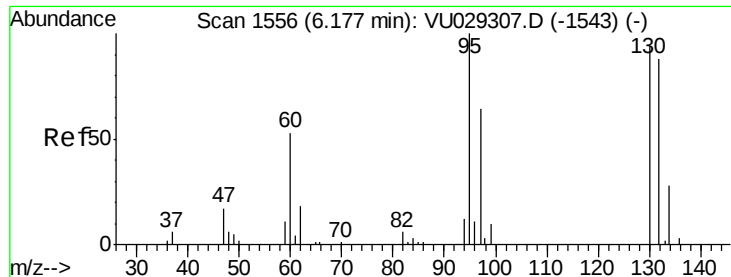
98 6.1 4.9 7.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

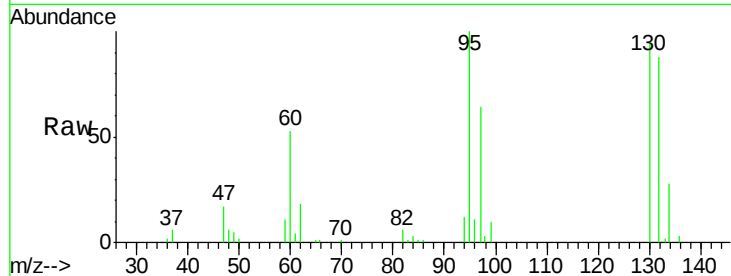
Ion 98.00 (97.70 to 98.70): VU0



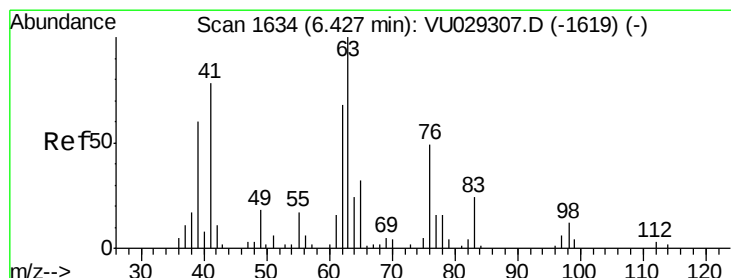
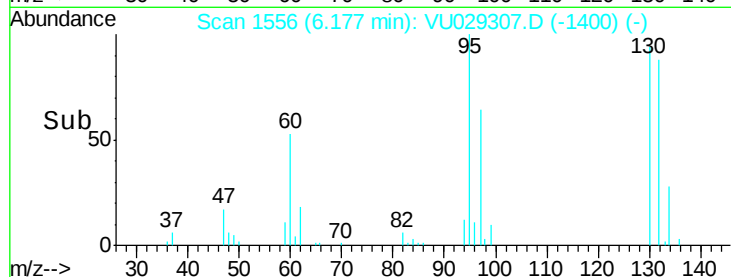
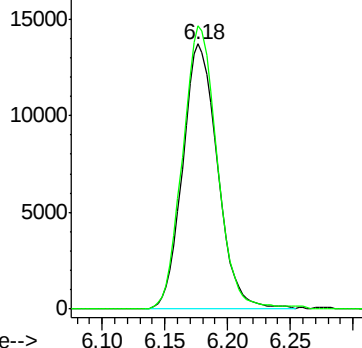


#37
 Trichloroethene
 Concen: 10.145 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion:130 Resp: 26546
 Ion Ratio Lower Upper
 130 100
 95 106.7 85.4 128.0

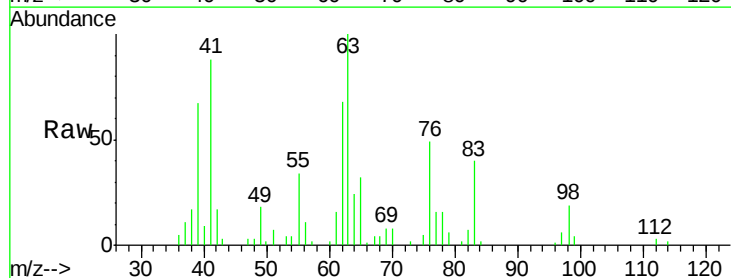


Abundance Ion 129.90 (129.60 to 130.60): VU029307.D (-1543) (-)
 Ion 94.90 (94.60 to 95.60): VU029307.D (-1543) (-)

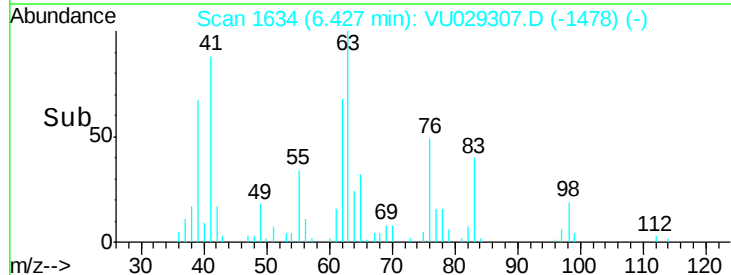
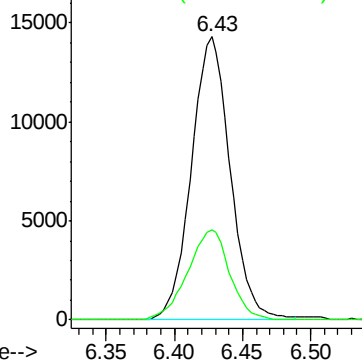


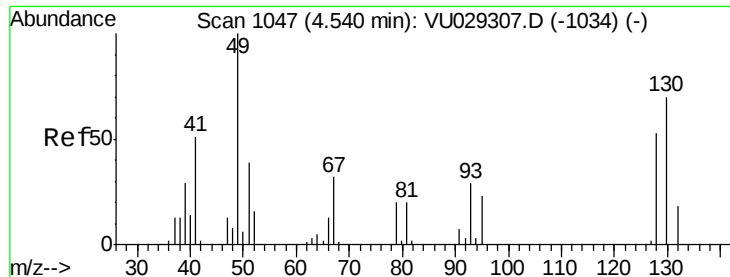
#38
 1,2-Dichloropropane
 Concen: 9.496 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion: 63 Resp: 28329
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU029307.D (-1619) (-)
 Ion 65.00 (64.70 to 65.70): VU029307.D (-1619) (-)





#39

Methacrylonitrile

Concen: 9.720 ug/l

RT: 4.54 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

Tot Ion: 41 Resp: 10634

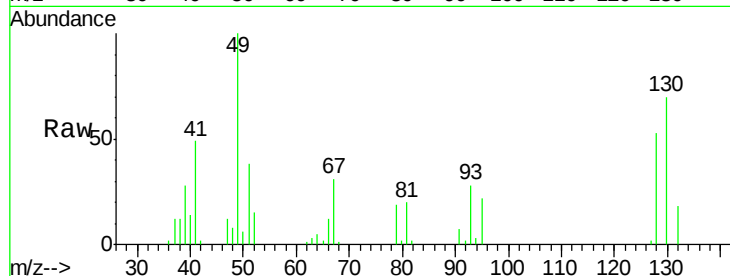
Ion Ratio Lower Upper

41 100

67 62.6 50.1 75.1

39 59.9 47.9 71.9

52 31.0 24.8 37.2

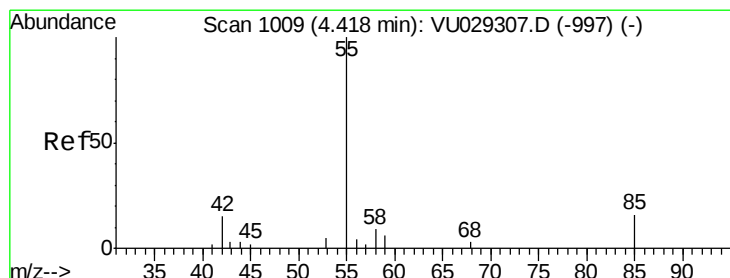
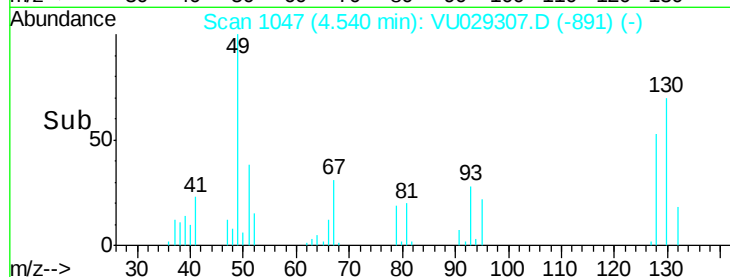
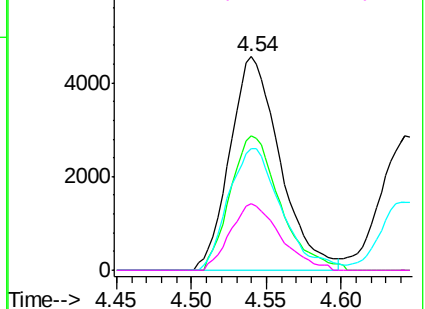


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 9.655 ug/l

RT: 4.42 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

Tgt Ion: 55 Resp: 14737

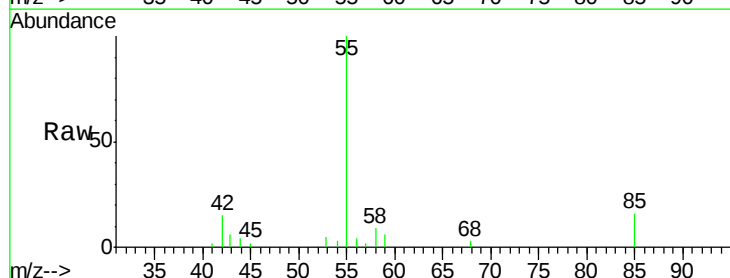
Ion Ratio Lower Upper

55 100

85 14.1 11.3 16.9

58 7.8 6.2 9.4

42 12.6 10.1 15.1

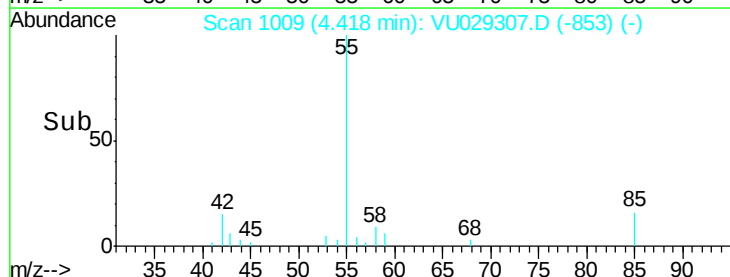
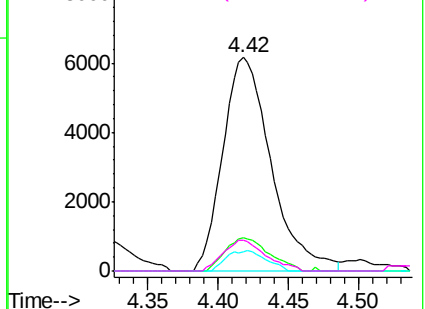


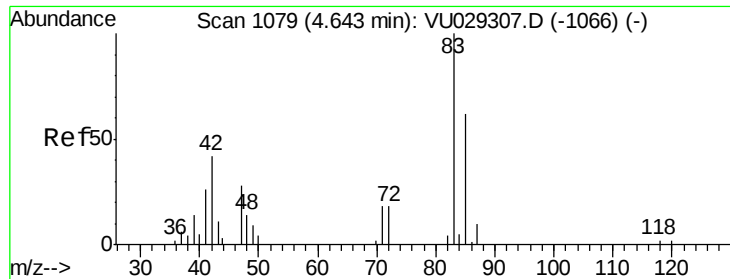
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.591 ug/l

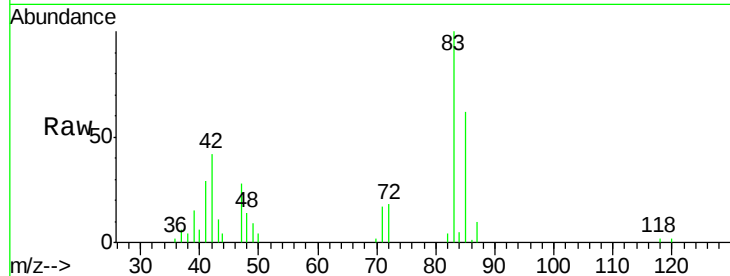
RT: 4.64 min Scan# 1079

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

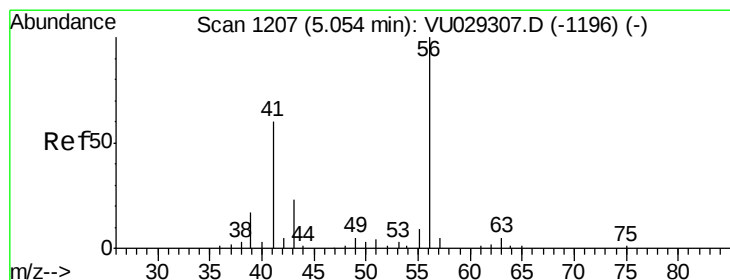
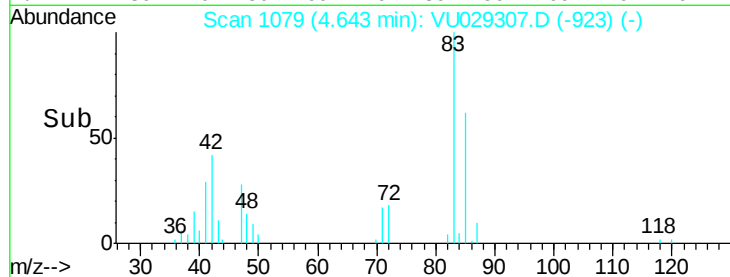
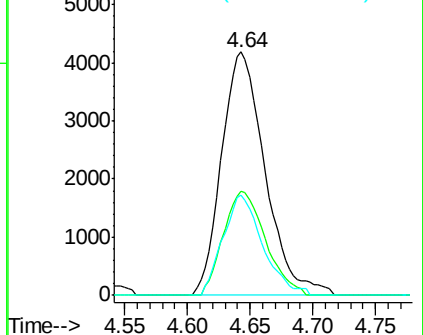
Tot Ion:	42	Resp:	10071
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.1	49.7
71	37.7	30.2	45.2



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: 9.415 ug/l

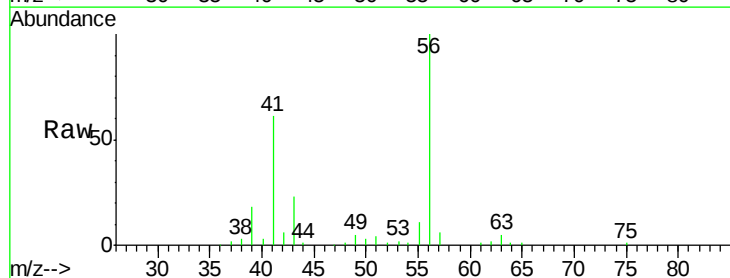
RT: 5.05 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU029307.D

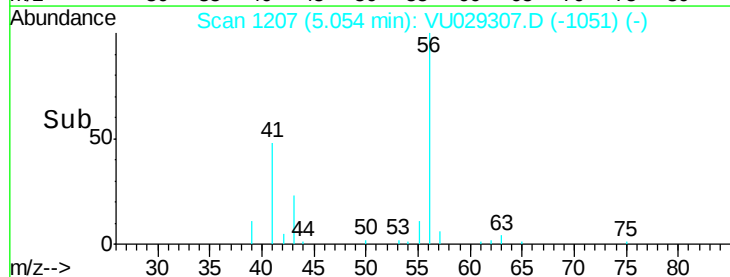
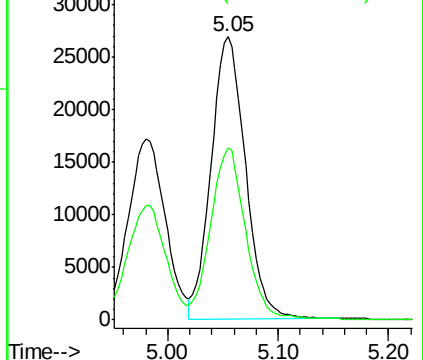
Acq: 29 Jan 2019 18:28

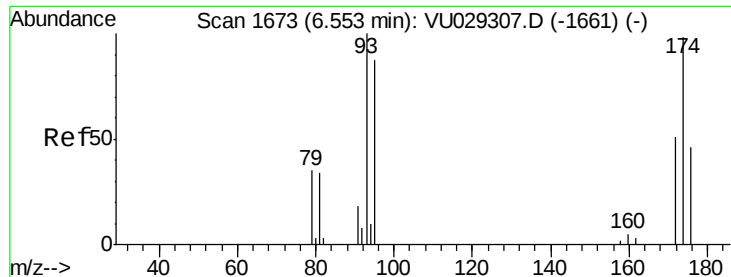
Tgt Ion:	56	Resp:	57911
Ion	Ratio	Lower	Upper
56	100		
41	62.5	31.3	93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.304 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

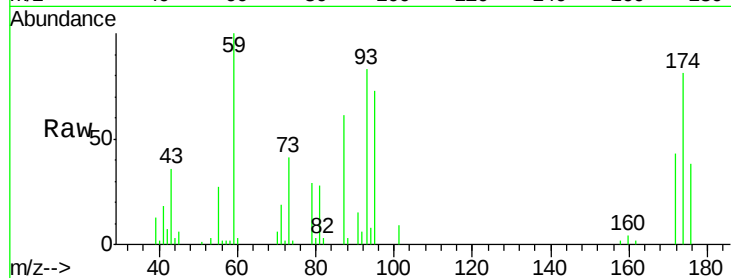
Tot Ion: 93 Resp: 14081

Ion Ratio Lower Upper

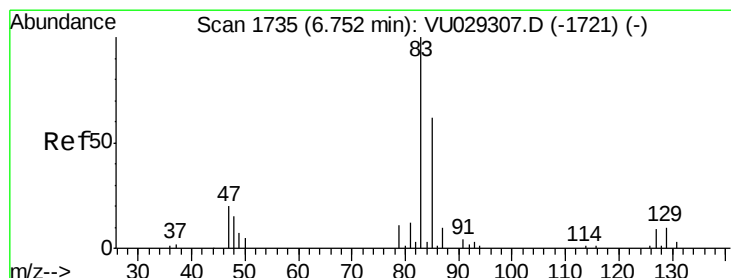
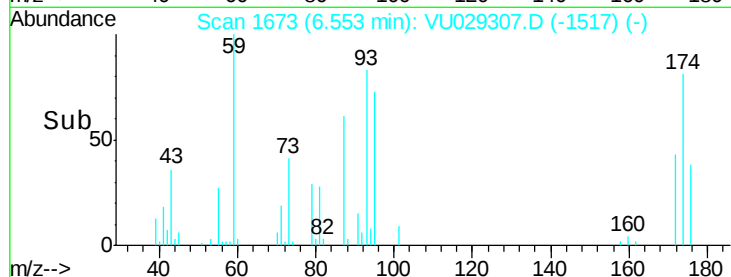
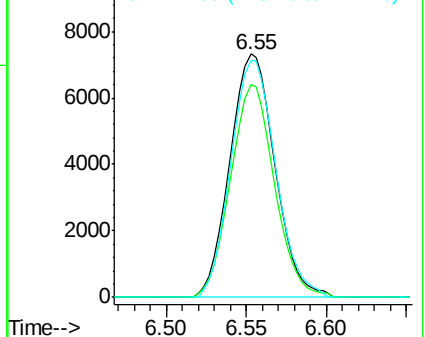
93 100

95 85.2 68.2 102.2

174 97.0 77.6 116.4



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



#44

Bromodichloromethane

Concen: 9.478 ug/l

RT: 6.75 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

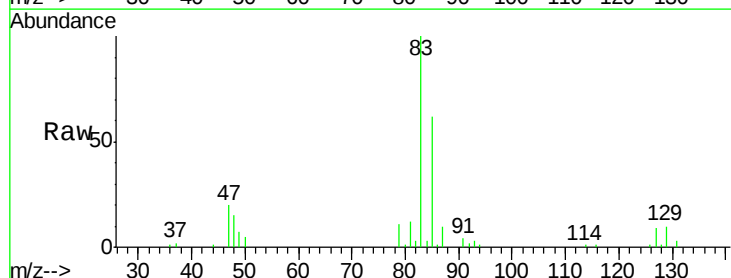
Tgt Ion: 83 Resp: 40850

Ion Ratio Lower Upper

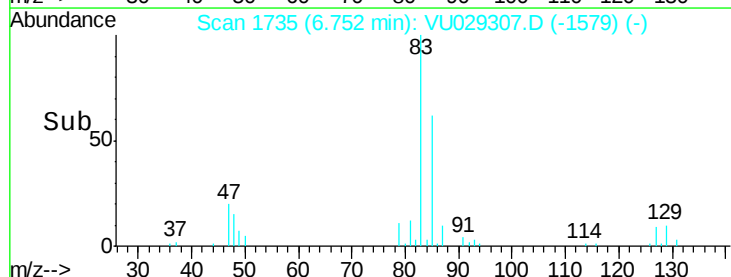
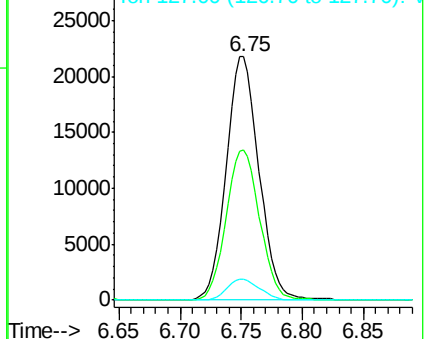
83 100

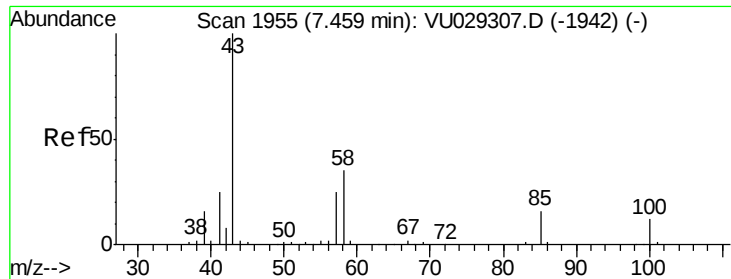
85 61.5 49.2 73.8

127 8.8 7.0 10.6



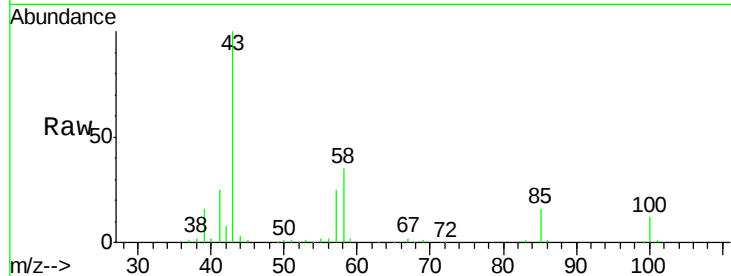
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V



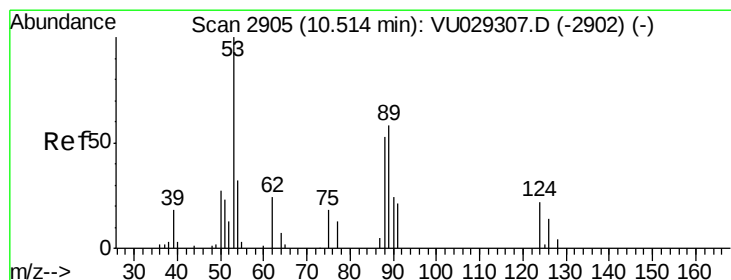
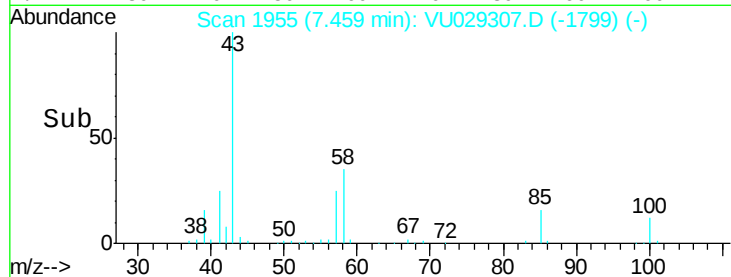
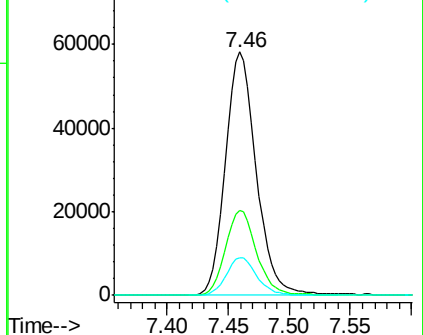


#45
4-Methyl-2-Pentanone
Concen: 48.778 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.2	17.6	52.8
85	15.4	12.3	18.5



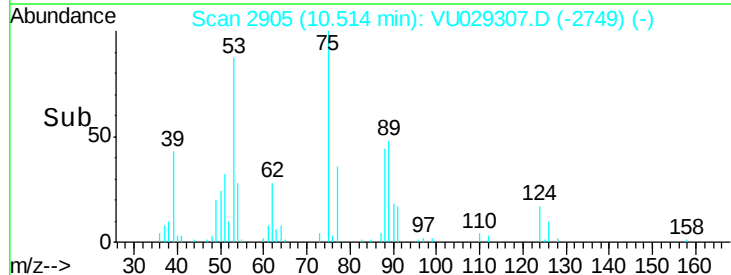
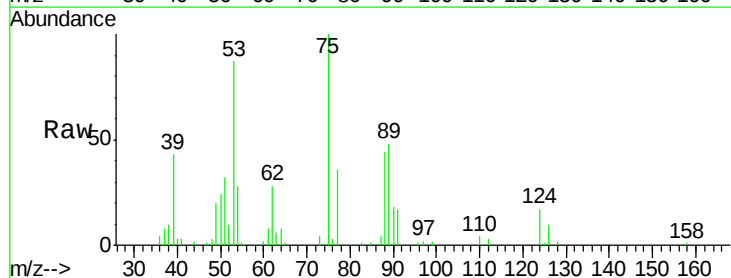
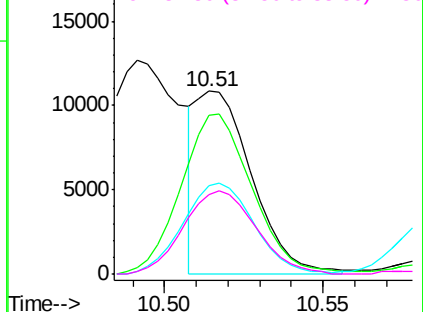
Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

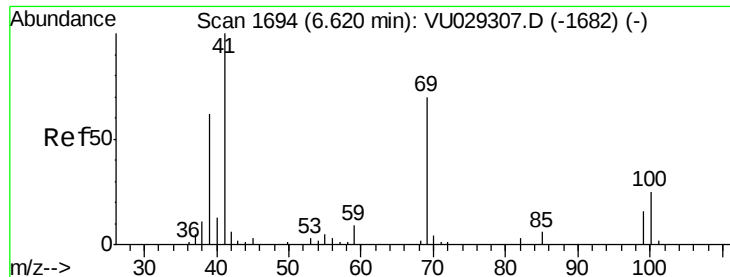


#46
t-1,4-Dichloro-2-butene
Concen: 17.826 ug/l m
RT: 10.51 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.4	78.2	117.4
89	63.6	44.2	66.4
88	59.5	41.4	62.2

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





#47

Methyl methacrylate

Concen: 20.313 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

Tot Ion: 69 Resp: 26124

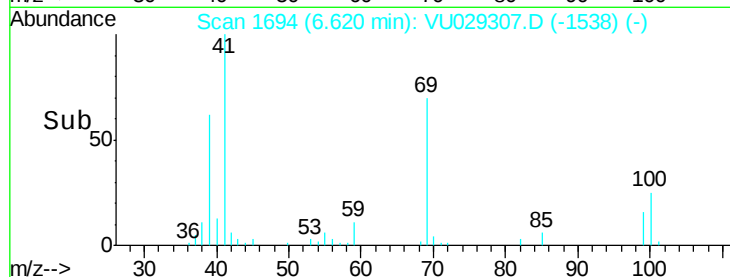
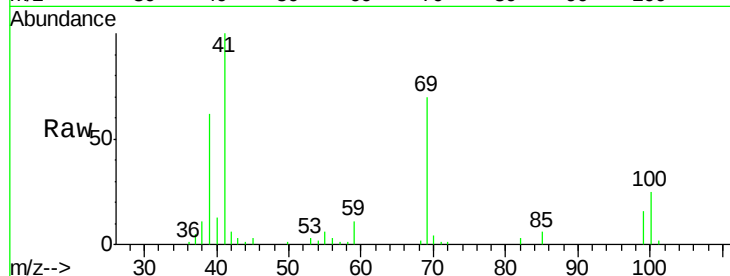
Ion Ratio Lower Upper

69 100

41 148.1 0.0 296.2

39 89.0 71.2 106.8

100 35.7 28.6 42.8

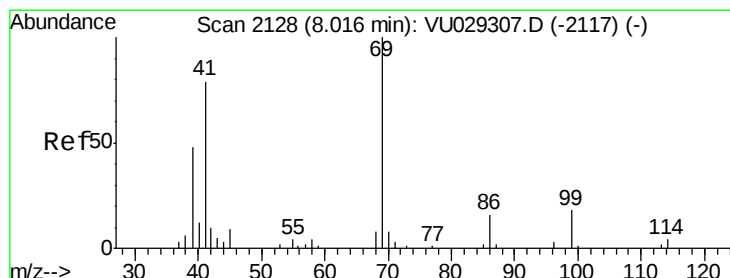
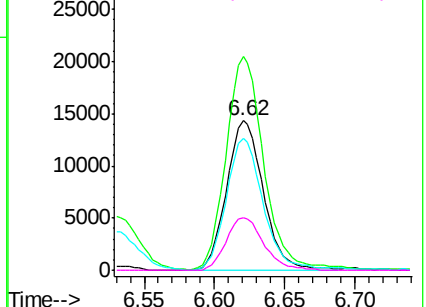


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 10.263 ug/l

RT: 8.02 min Scan# 2128

Delta R.T. 0.00 min

Lab File: VU029307.D

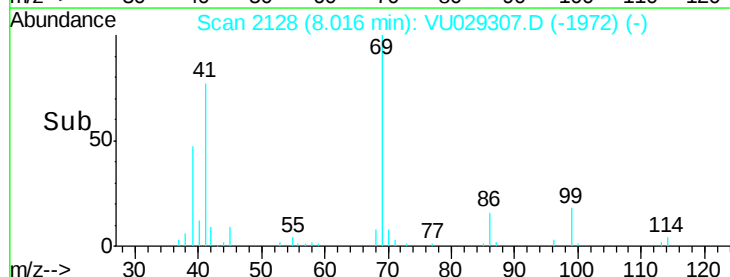
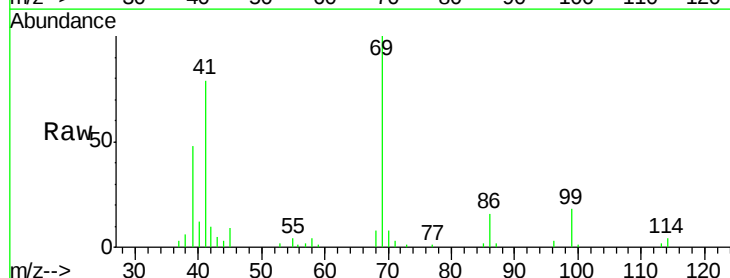
Acq: 29 Jan 2019 18:28

Tgt Ion: 69 Resp: 25182

Ion Ratio Lower Upper

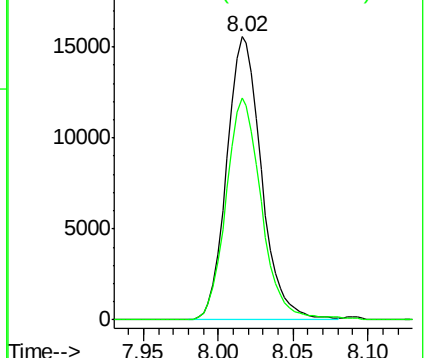
69 100

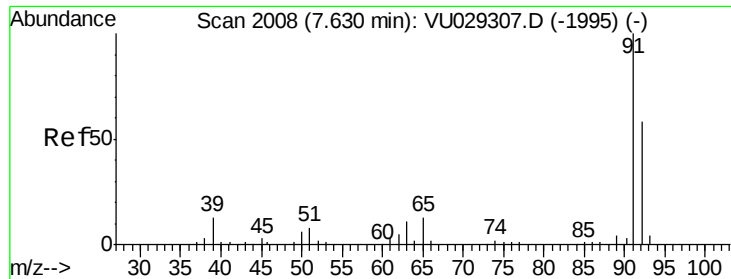
41 79.8 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.087 ug/l

RT: 7.63 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU029307.D

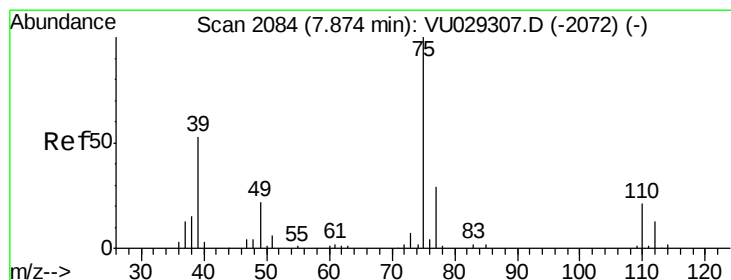
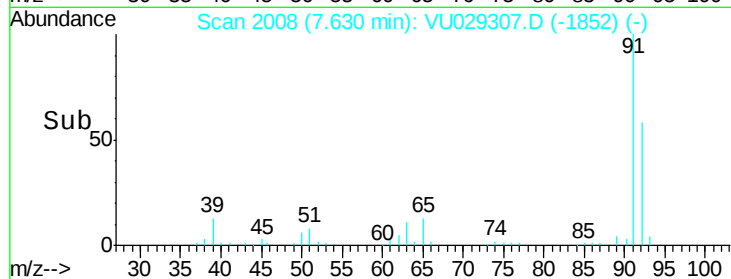
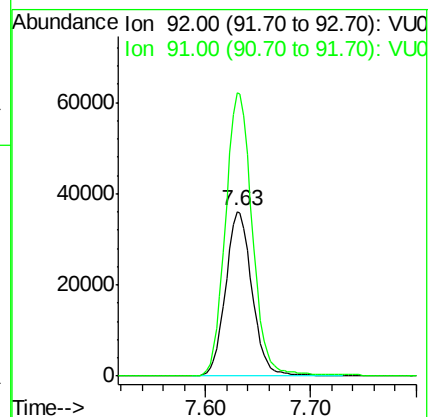
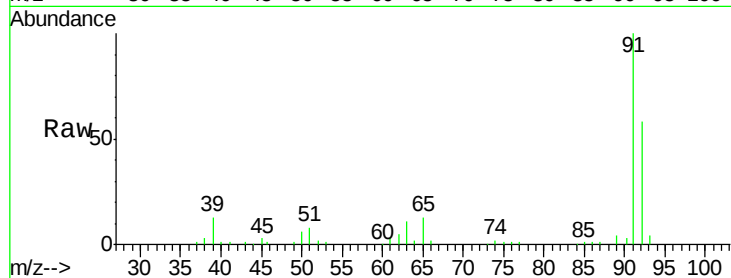
Acq: 29 Jan 2019 18:28

Tot Ion: 92 Resp: 62771

Ion Ratio Lower Upper

92 100

91 175.9 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 10.132 ug/l

RT: 7.87 min Scan# 2084

Delta R.T. 0.00 min

Lab File: VU029307.D

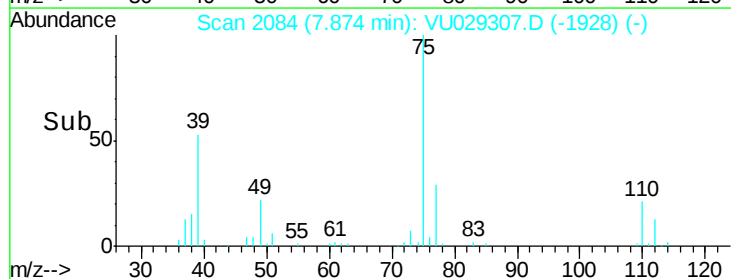
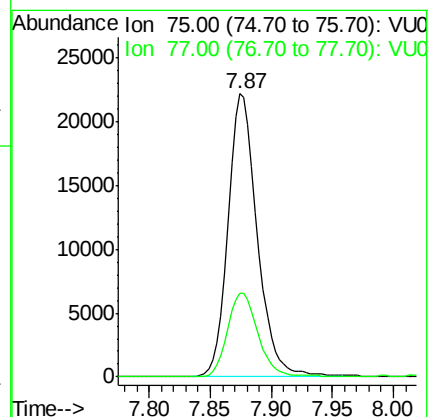
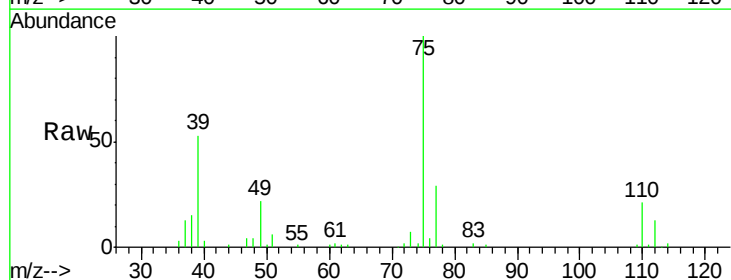
Acq: 29 Jan 2019 18:28

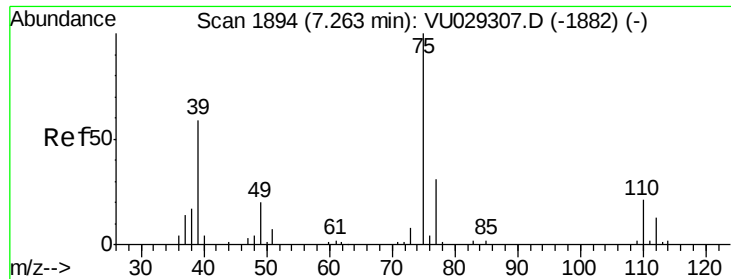
Tgt Ion: 75 Resp: 37387

Ion Ratio Lower Upper

75 100

77 29.5 23.6 35.4

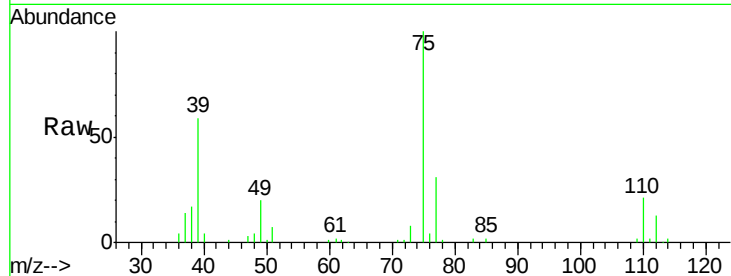




#51

cis-1,3-Dichloropropene
Concen: 9.799 ug/l
RT: 7.26 min Scan# 1894
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	59.0	47.2	70.8

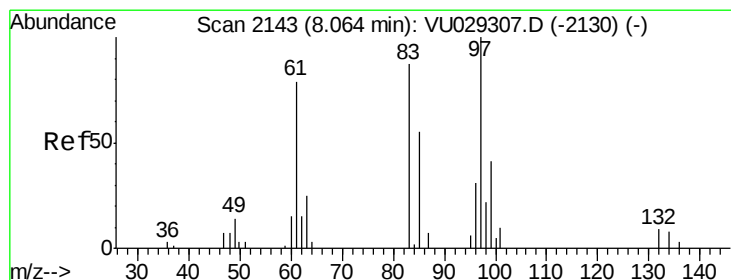
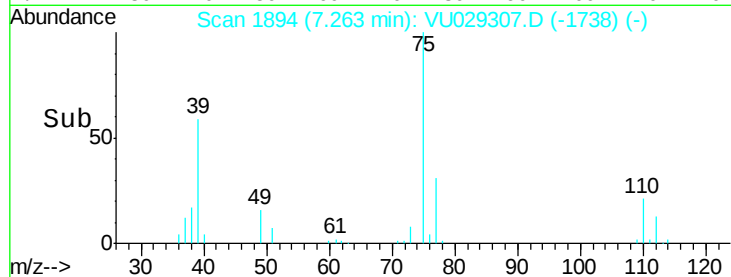
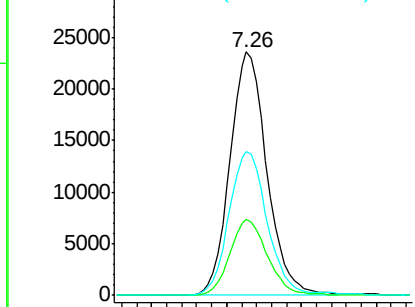


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

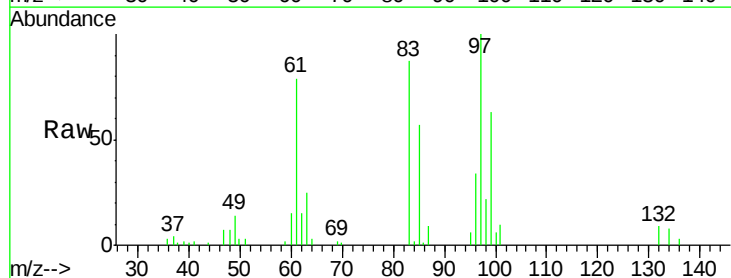
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 9.618 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	57.2	45.8	68.6
99	62.7	50.2	75.2



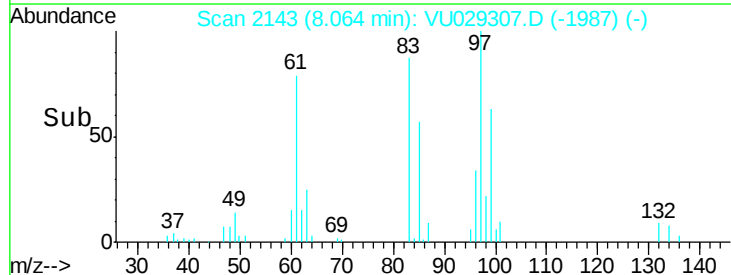
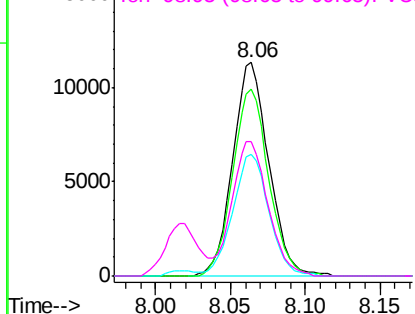
Abundance

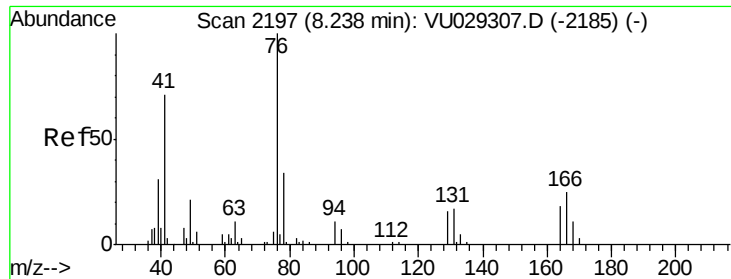
Ion 97.00 (96.70 to 97.70): VU0

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: 9.530 ug/l

RT: 8.24 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VU029307.D

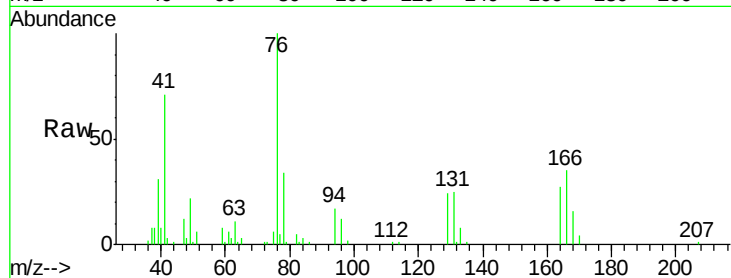
Acq: 29 Jan 2019 18:28

Tot Ion: 76 Resp: 35073

Ion Ratio Lower Upper

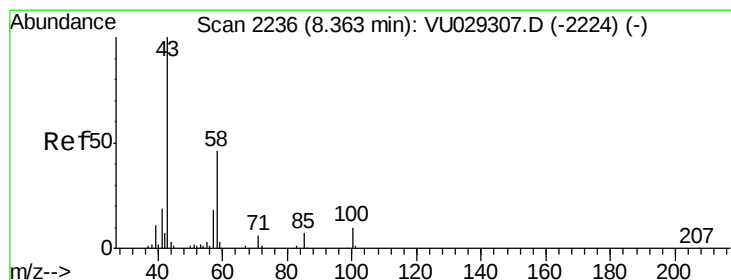
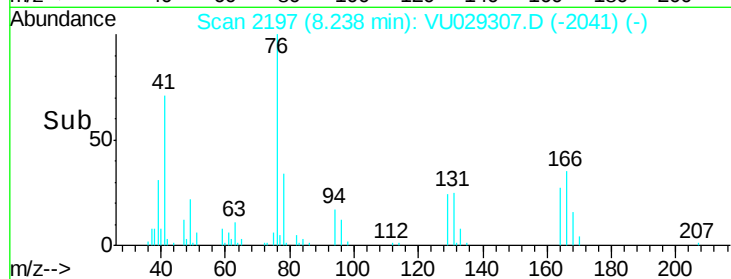
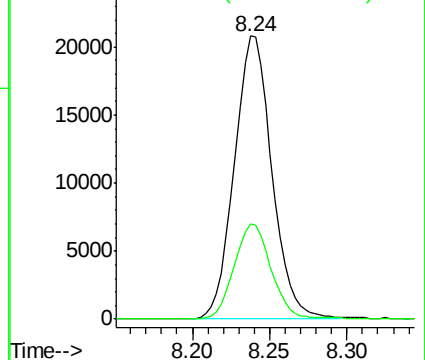
76 100

78 32.9 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: 50.391 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

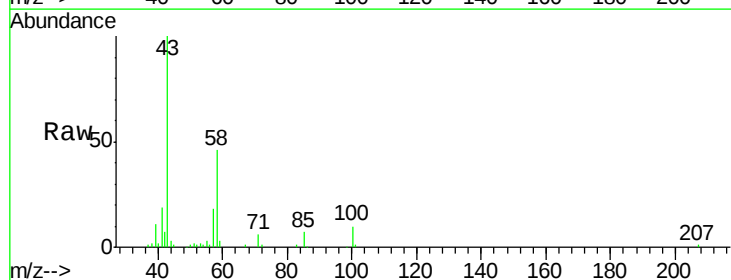
Tgt Ion: 43 Resp: 73562

Ion Ratio Lower Upper

43 100

58 46.0 26.0 66.0

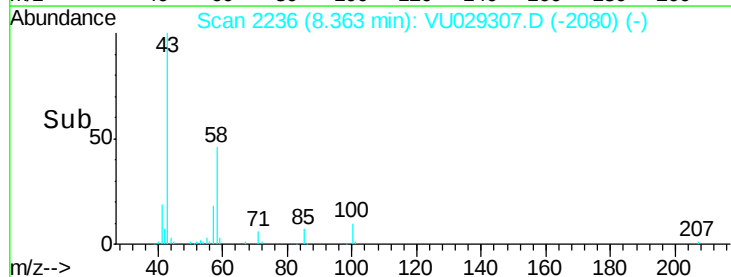
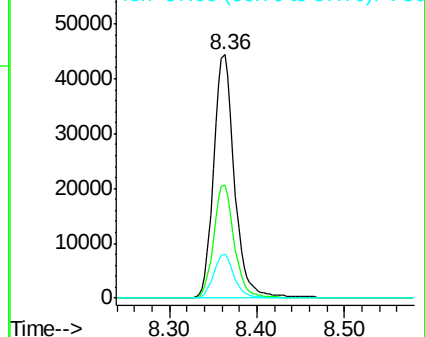
57 17.7 0.0 37.7

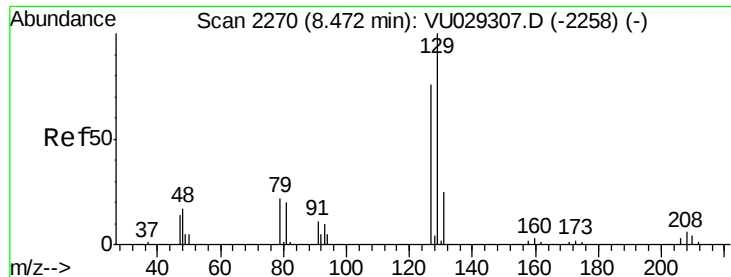


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 9.908 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VU029307.D

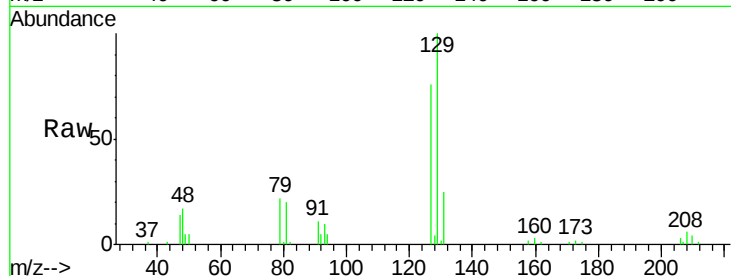
Acq: 29 Jan 2019 18:28

Tot Ion:129 Resp: 25265

Ion Ratio Lower Upper

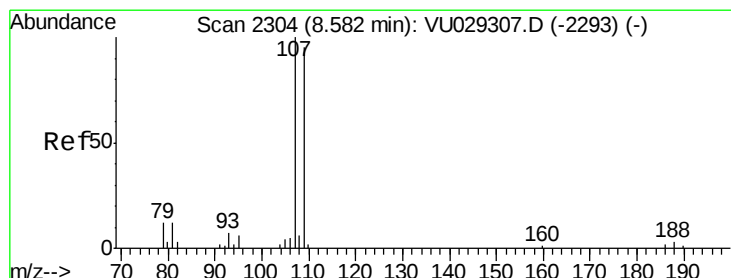
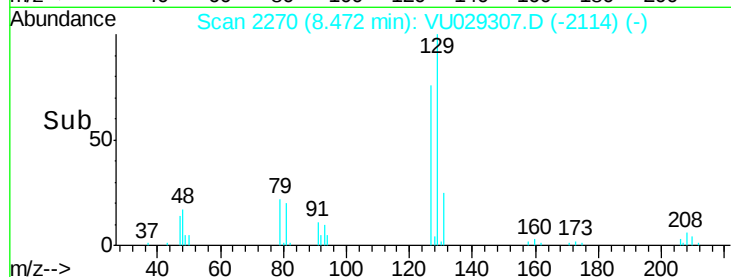
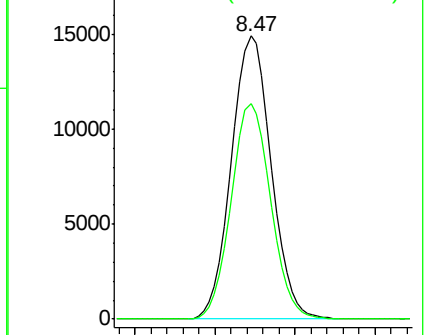
129 100

127 75.6 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: 9.808 ug/l

RT: 8.58 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VU029307.D

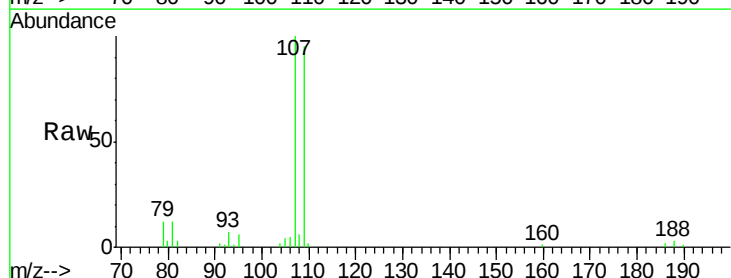
Acq: 29 Jan 2019 18:28

Tgt Ion:107 Resp: 17456

Ion Ratio Lower Upper

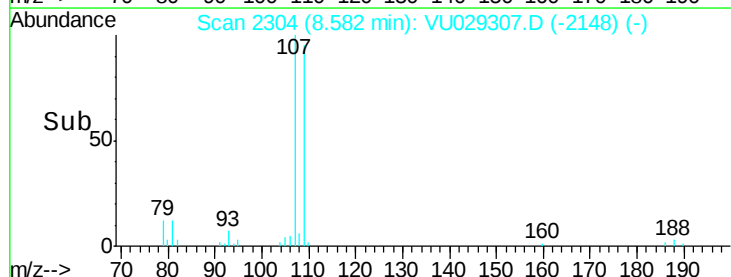
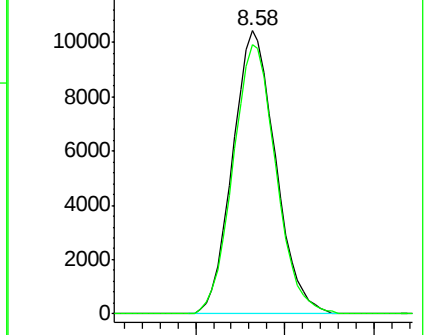
107 100

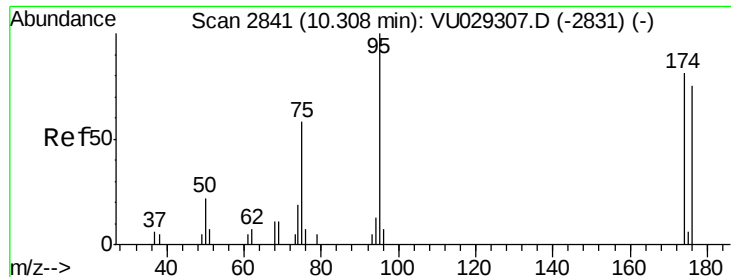
109 94.8 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

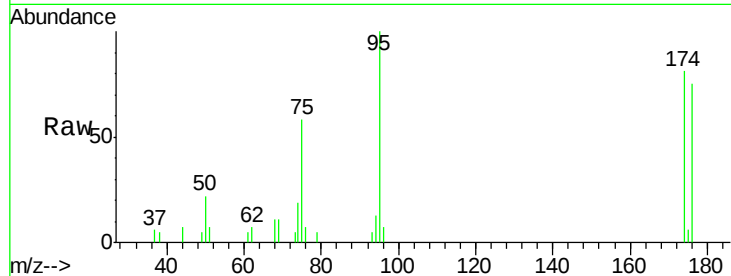
Ion 109.00 (108.70 to 109.70): V



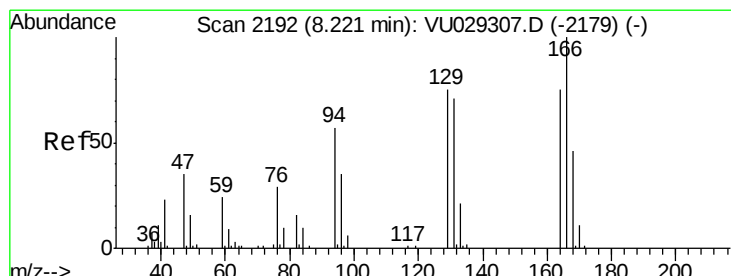
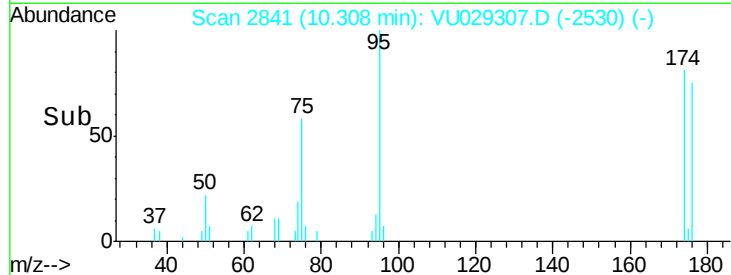
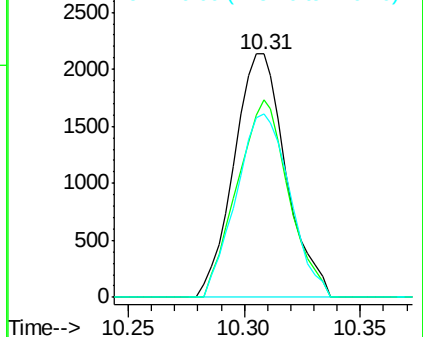


#57
4-Bromofluorobenzene
Concen: 9.808 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion: 95 Resp: 3326
Ion Ratio Lower Upper
95 100
174 80.2 64.2 96.2
176 77.9 62.3 93.5

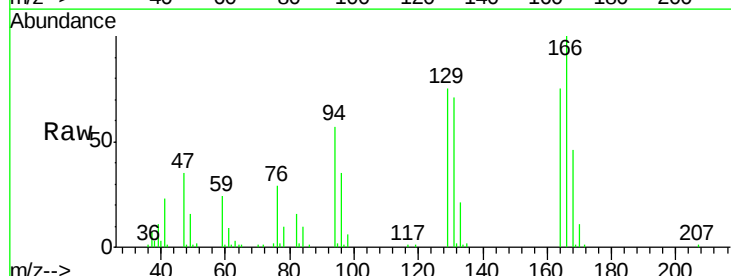


Abundance Ion 95.00 (94.70 to 95.70): VU
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

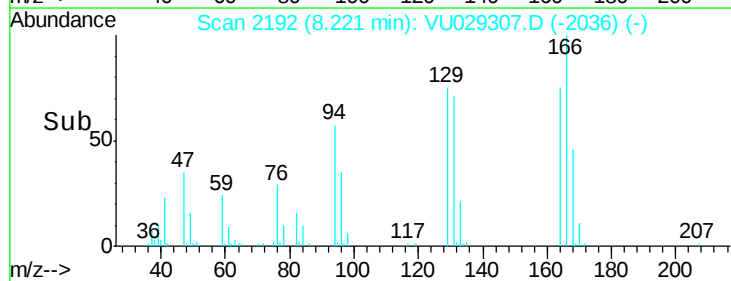
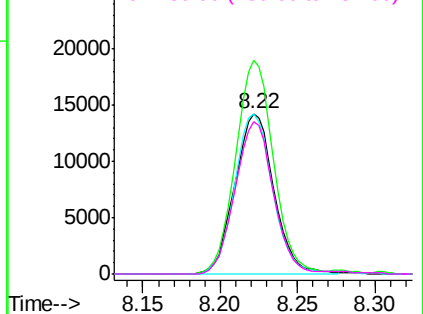


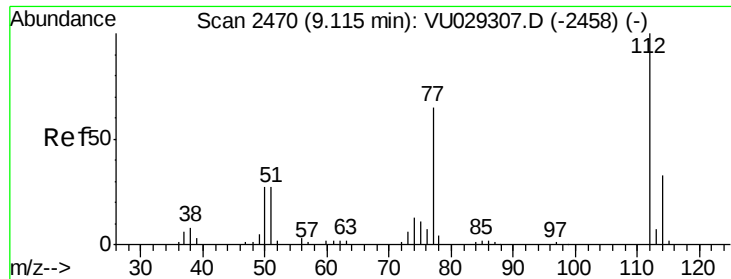
#58
Tetrachloroethene
Concen: 9.990 ug/l
RT: 8.22 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion: 164 Resp: 24991
Ion Ratio Lower Upper
164 100
166 133.2 106.6 159.8
129 99.9 79.9 119.9
131 94.8 75.8 113.8



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





#59

Chlorobenzene

Concen: 10.143 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VU029307.D

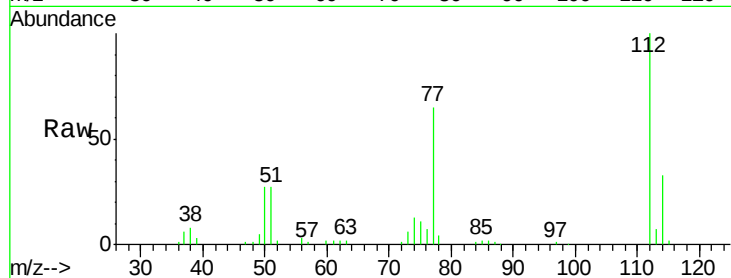
Acq: 29 Jan 2019 18:28

Tot Ion:112 Resp: 67229

Ion Ratio Lower Upper

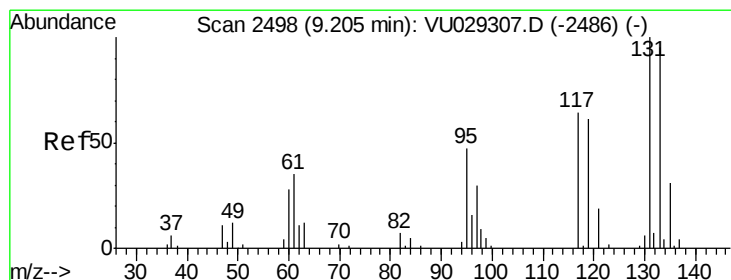
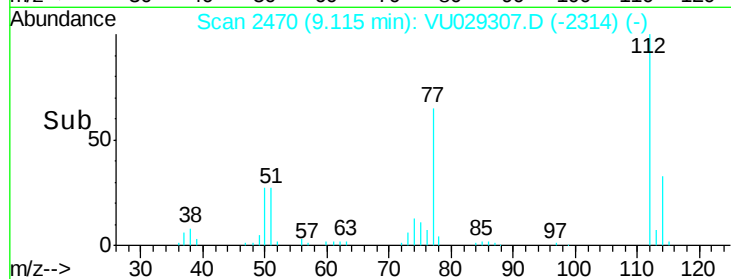
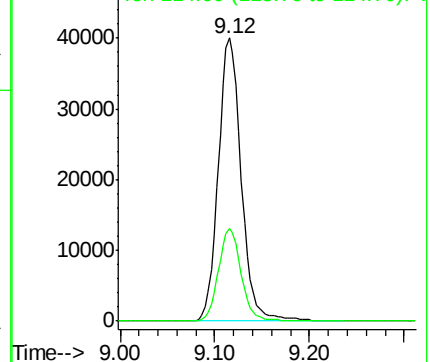
112 100

114 32.8 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: 9.682 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

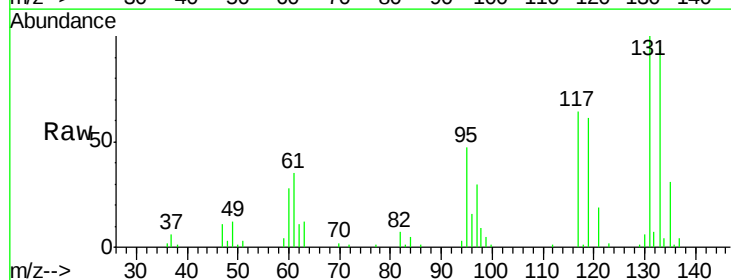
Tgt Ion:131 Resp: 26591

Ion Ratio Lower Upper

131 100

133 96.6 77.3 115.9

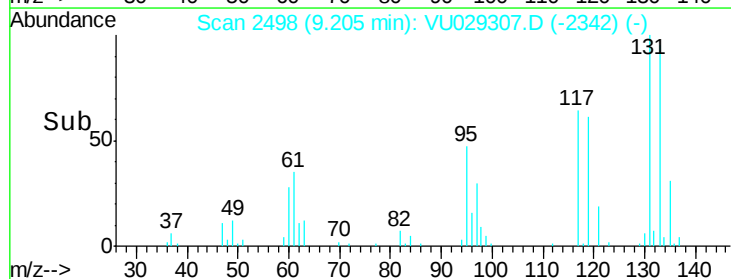
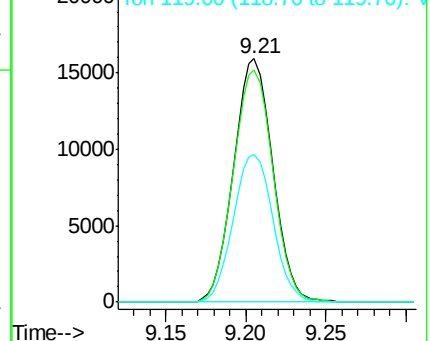
119 61.1 48.9 73.3

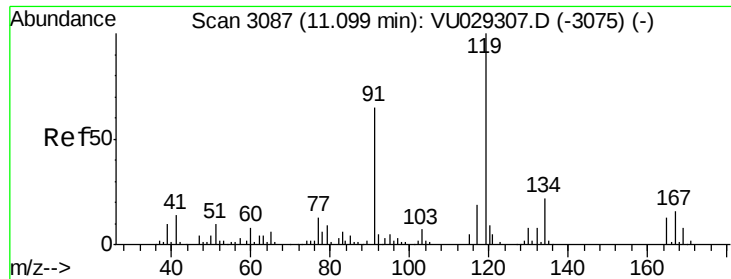


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 9.849 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU029307.D

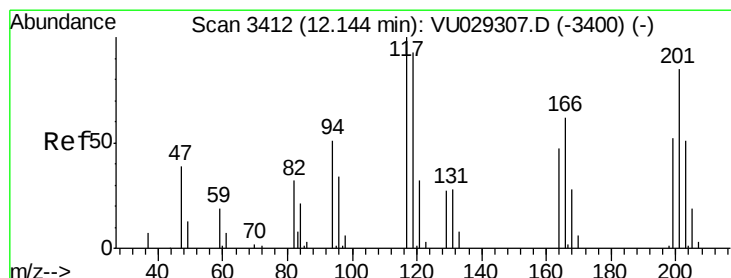
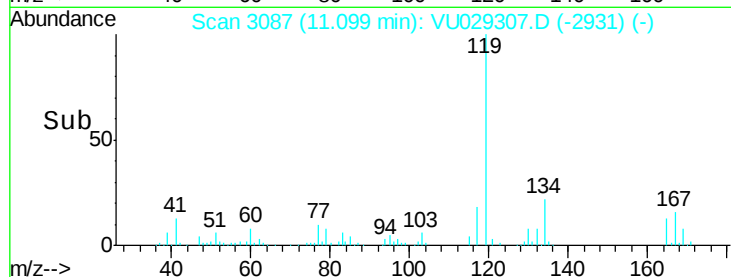
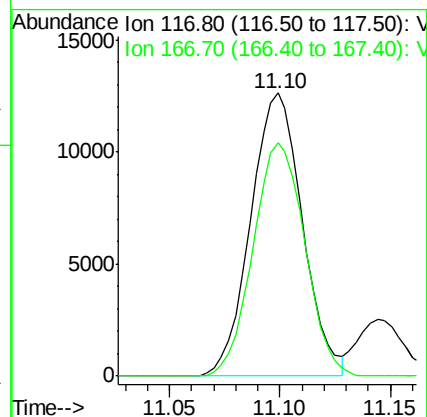
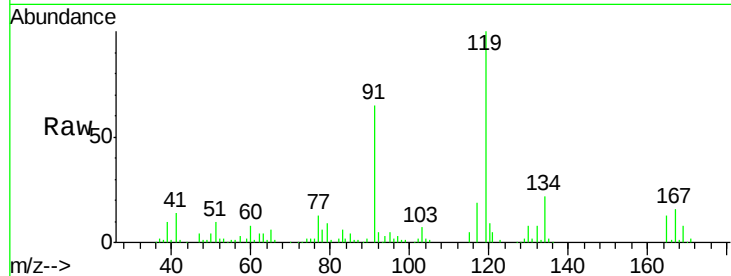
Acq: 29 Jan 2019 18:28

Tot Ion:117 Resp: 20522

Ion Ratio Lower Upper

117 100

167 82.4 65.9 98.9



#62

Hexachloroethane

Concen: 9.782 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VU029307.D

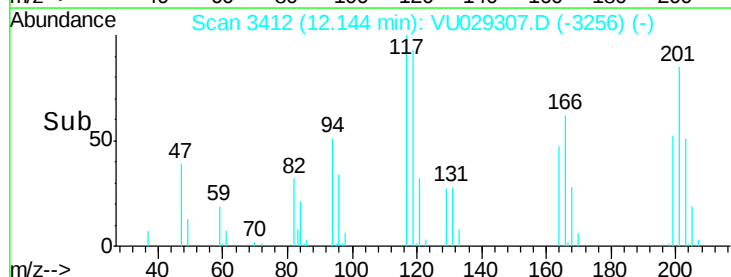
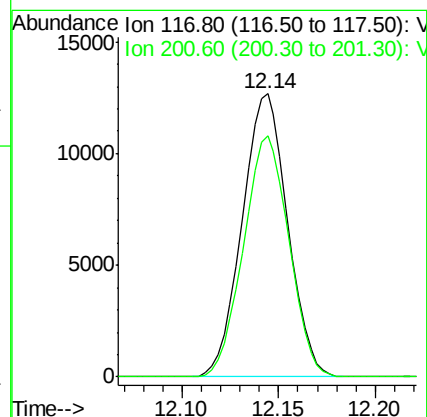
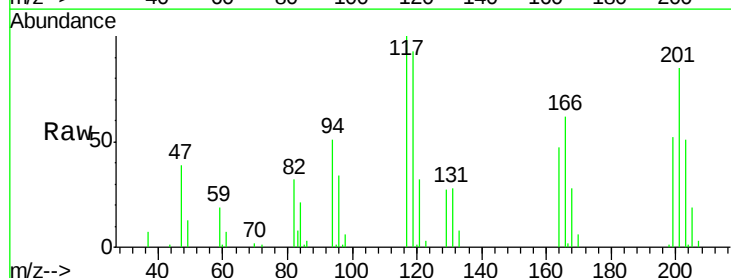
Acq: 29 Jan 2019 18:28

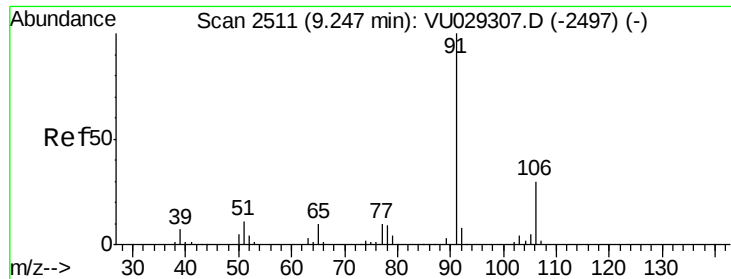
Tgt Ion:117 Resp: 20660

Ion Ratio Lower Upper

117 100

201 85.2 68.2 102.2





#63

Ethyl Benzene

Concen: 10.611 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VU029307.D

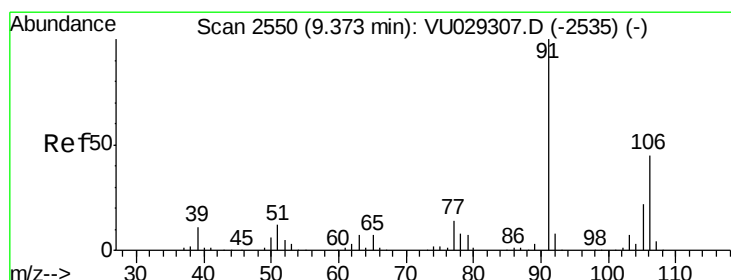
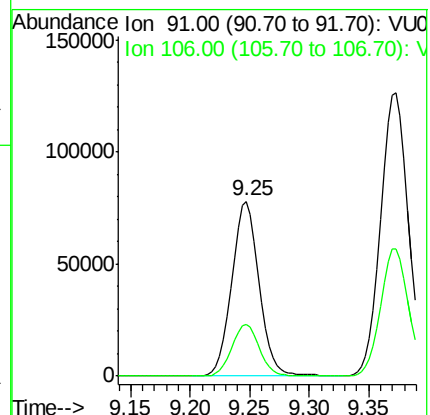
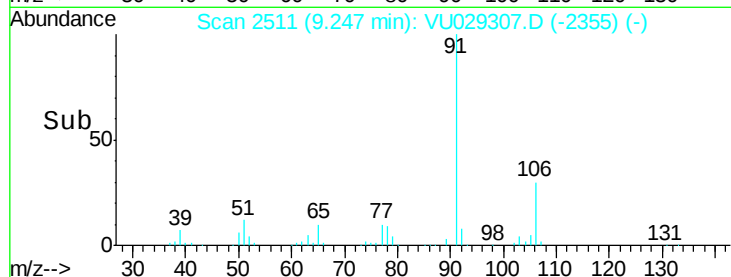
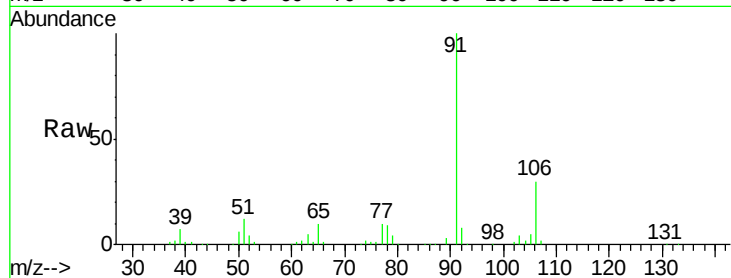
Acq: 29 Jan 2019 18:28

Tot Ion: 91 Resp: 124707

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#64

m/p-Xylenes

Concen: 21.239 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU029307.D

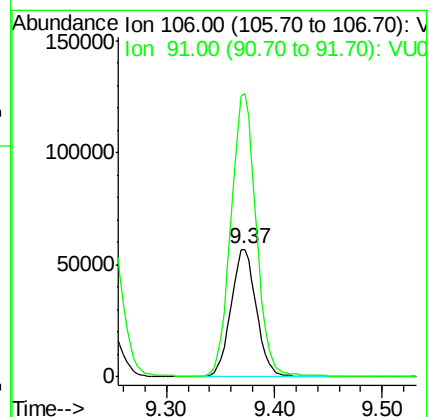
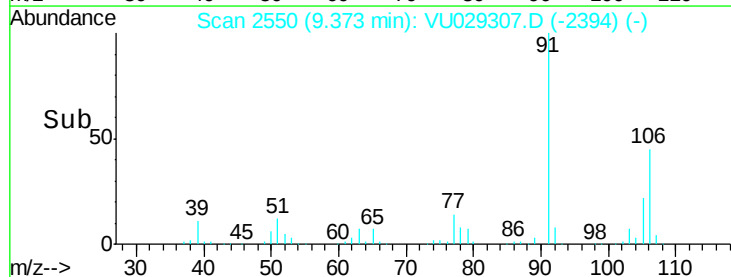
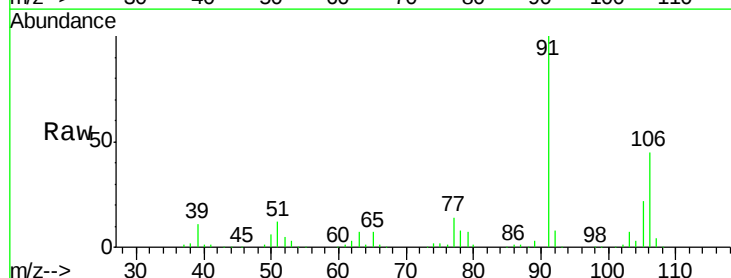
Acq: 29 Jan 2019 18:28

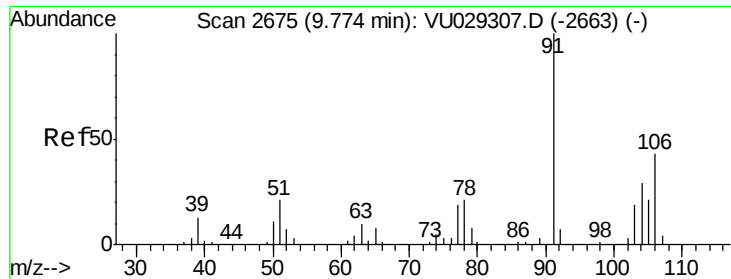
Tgt Ion: 106 Resp: 94315

Ion Ratio Lower Upper

106 100

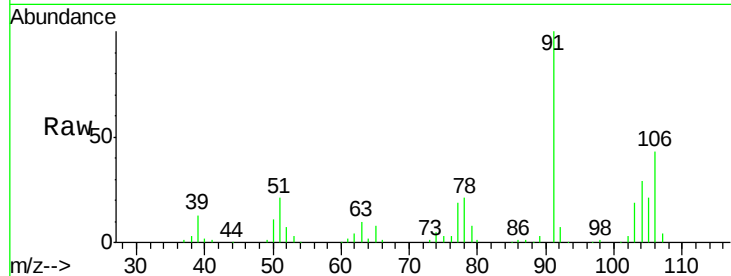
91 218.2 174.6 261.8



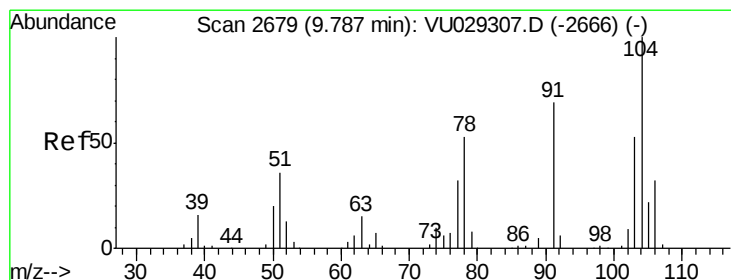
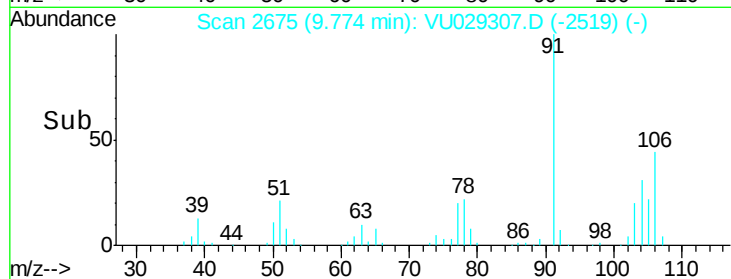
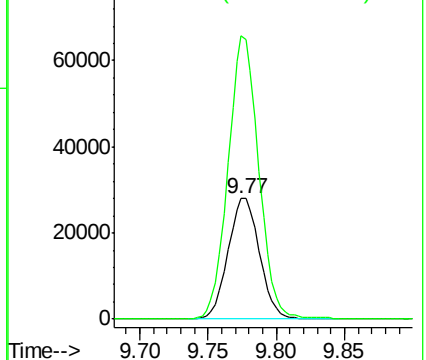


#65
o-Xylene
Concen: 10.599 ug/l
RT: 9.77 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion:106 Resp: 44919
Ion Ratio Lower Upper
106 100
91 228.9 114.5 343.4

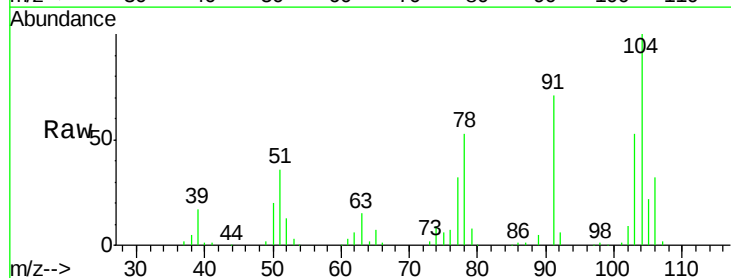


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

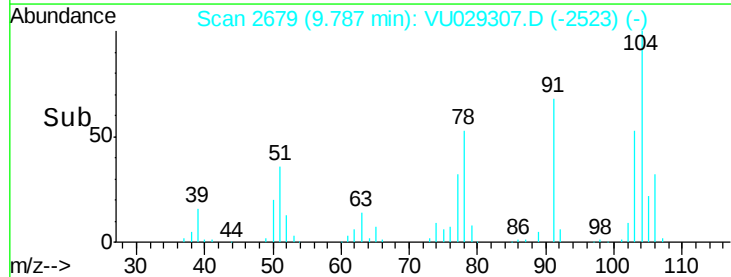
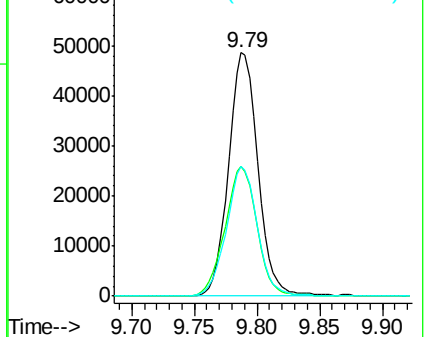


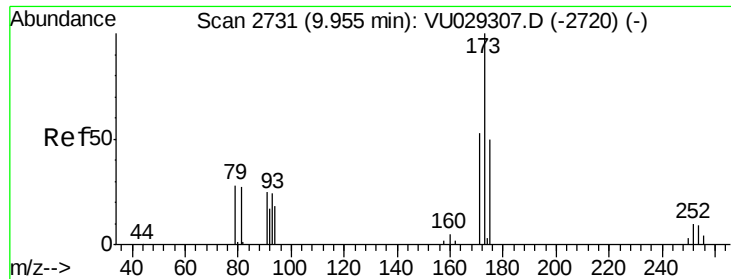
#66
Styrene
Concen: 10.772 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion:104 Resp: 79189
Ion Ratio Lower Upper
104 100
78 58.1 46.5 69.7
103 55.9 44.7 67.1



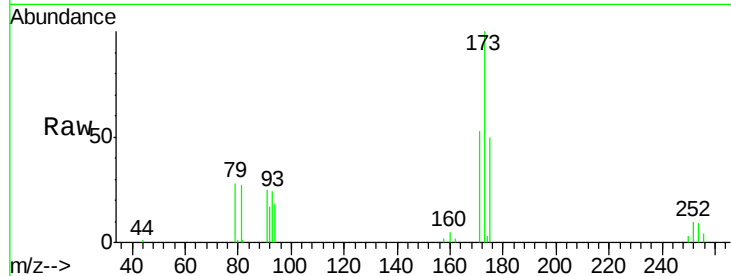
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



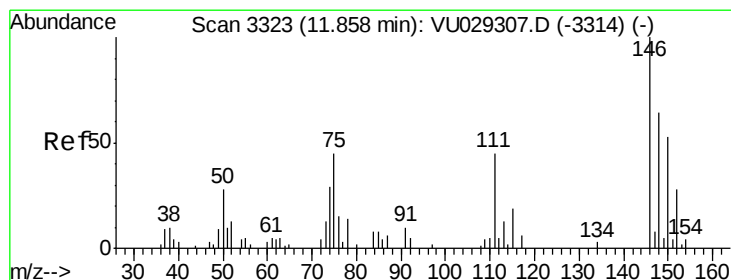
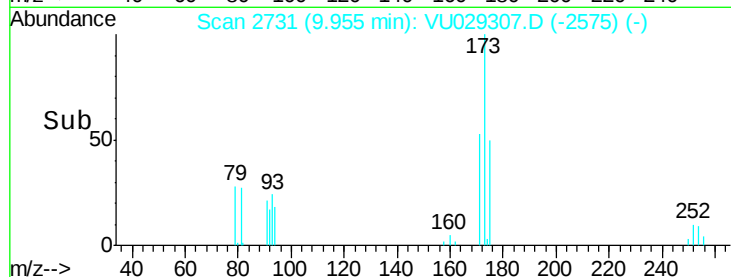
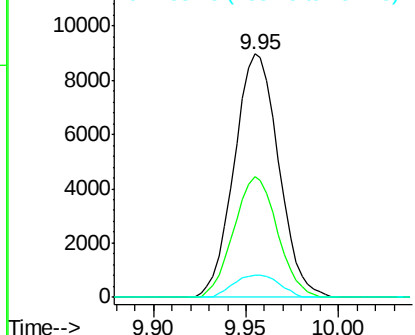


#67
Bromoform
Concen: 10.202 ug/l
RT: 9.95 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion:173 Resp: 14907
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 9.3 7.4 11.2

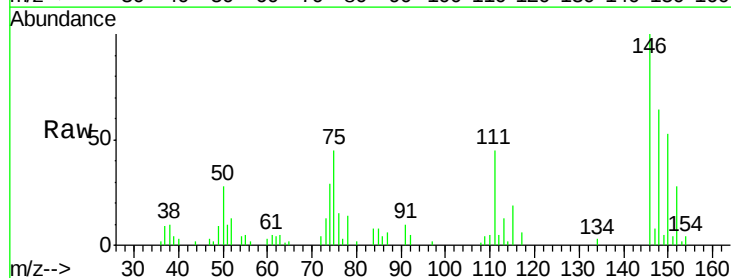


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

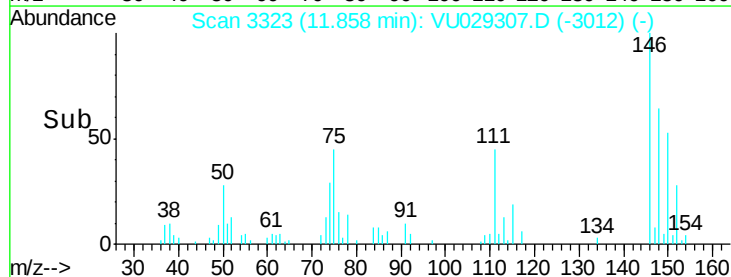
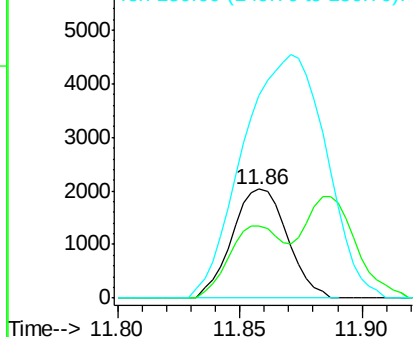


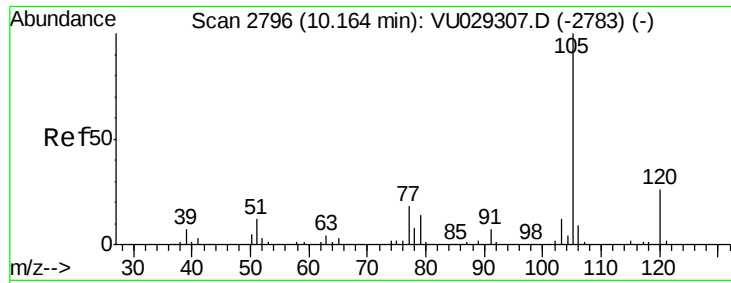
#68
1,2-Dichlorobenzene-d4
Concen: 10.202 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion:152 Resp: 3200
Ion Ratio Lower Upper
152 100
115 66.7 0.0 133.4
150 335.4 0.0 670.8



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





#69

Isopropylbenzene

Concen: 10.611 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029307.D

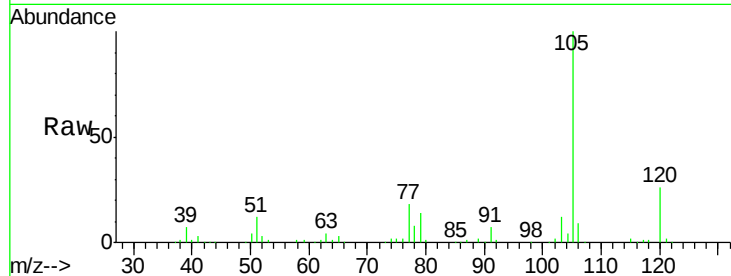
Acq: 29 Jan 2019 18:28

Tot Ion: 105 Resp: 123331

Ion Ratio Lower Upper

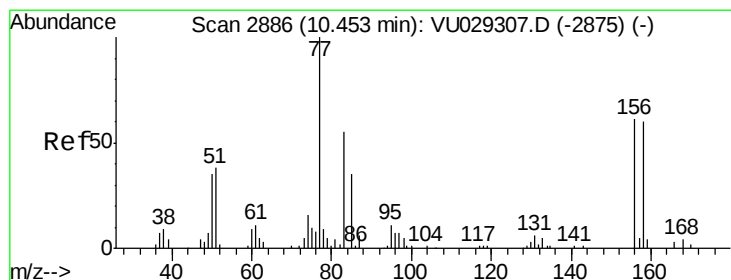
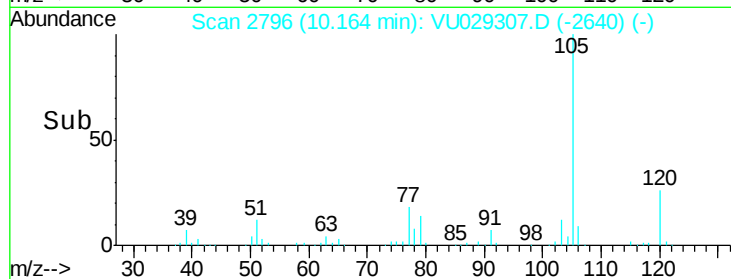
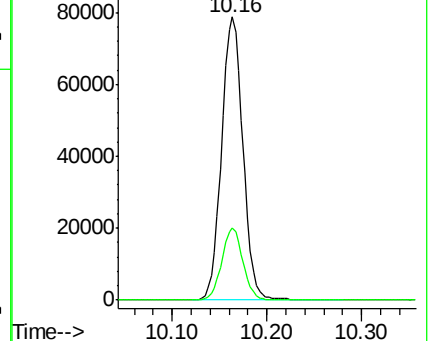
105 100

120 25.1 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.599 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

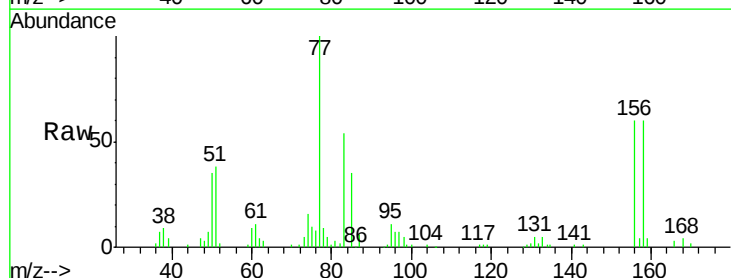
Tgt Ion: 83 Resp: 24816

Ion Ratio Lower Upper

83 100

131 10.1 8.1 12.1

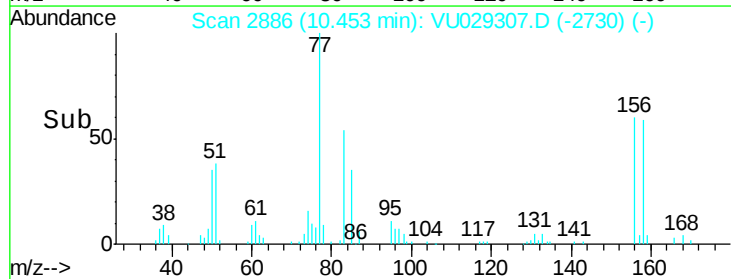
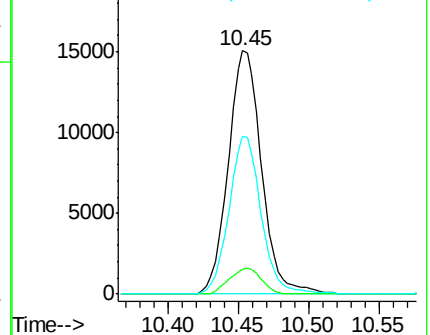
85 62.9 50.3 75.5

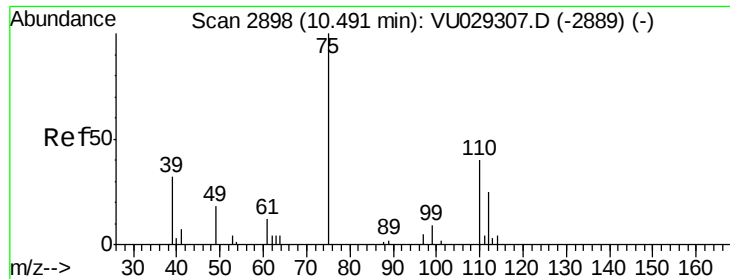


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

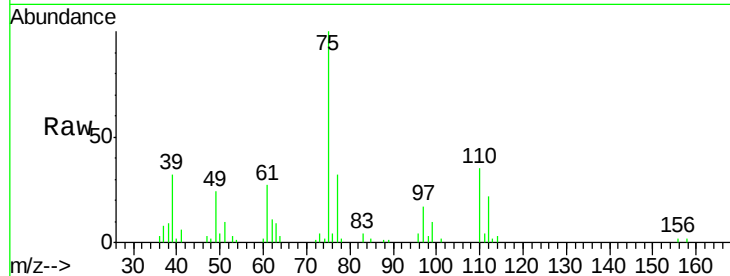
Ion 85.00 (84.70 to 85.70): VU0



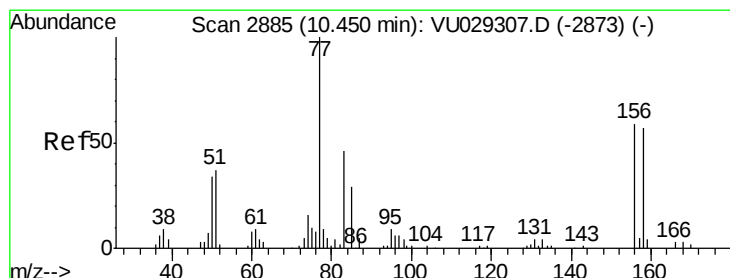
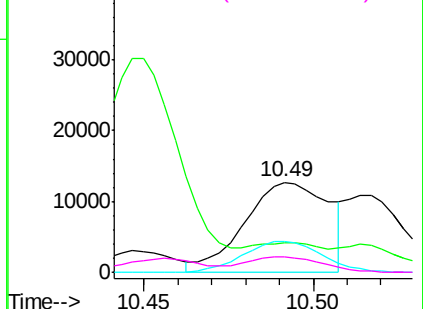
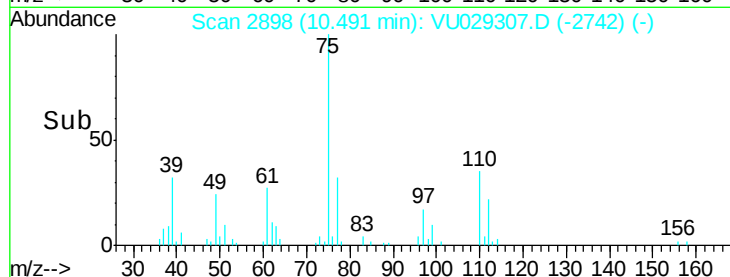


#71
1,2,3-Trichloropropane
Concen: 10.700 ug/l m
RT: 10.49 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion:	75	Resp:	22242
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	31.8	0.0	63.6
97	15.7	0.0	31.4

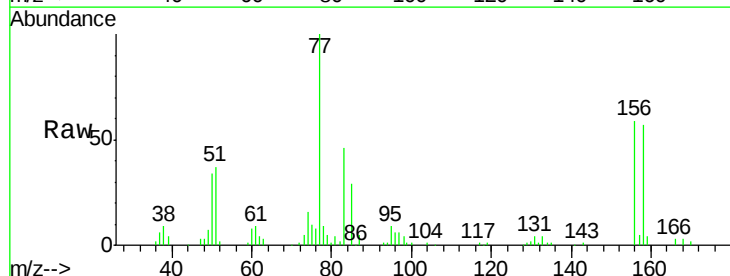


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 97.00 (96.70 to 97.70): VU0

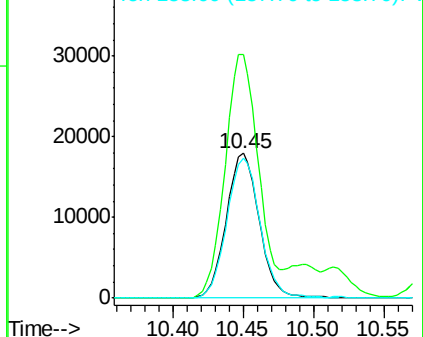
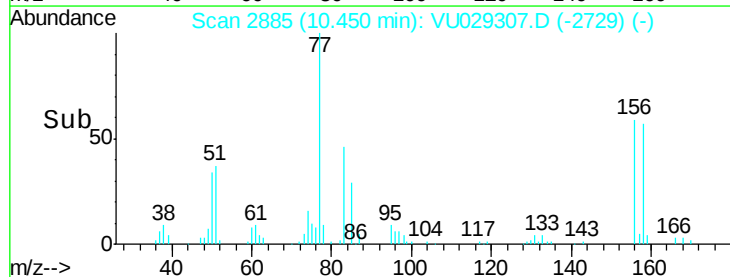


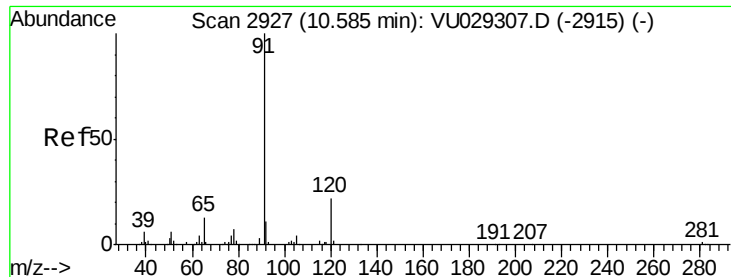
#72
Bromobenzene
Concen: 10.502 ug/l
RT: 10.45 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion:	156	Resp:	29308
Ion	Ratio	Lower	Upper
156	100		
77	171.9	0.0	343.8
158	97.5	0.0	195.0



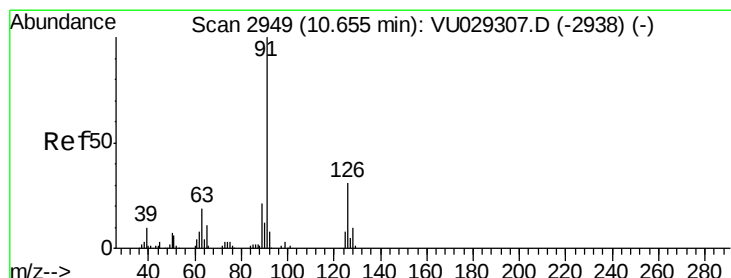
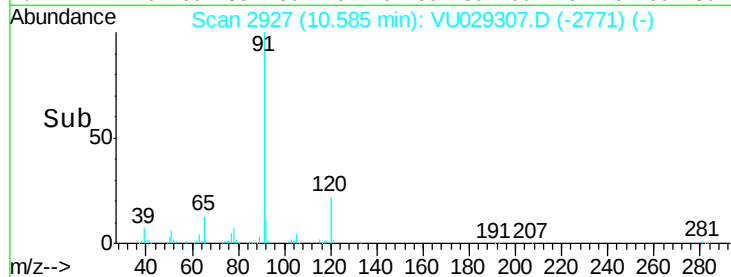
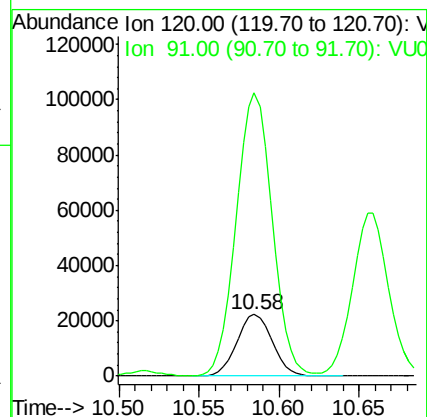
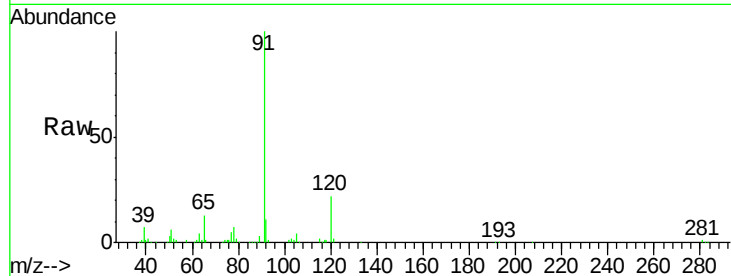
Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VU0
Ion 158.00 (157.70 to 158.70): V





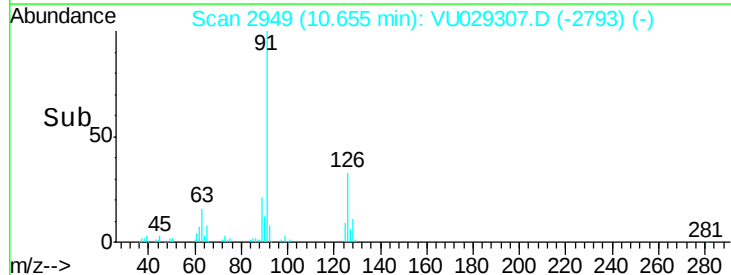
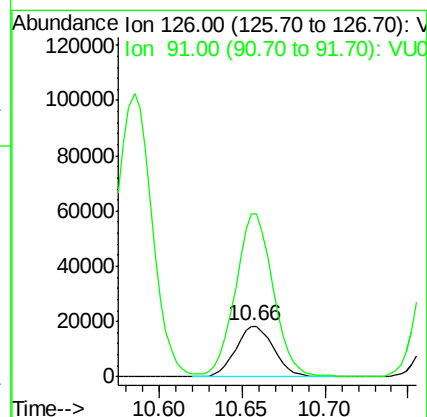
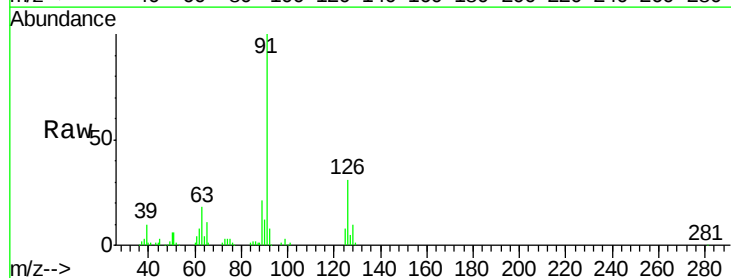
#73
n-propylbenzene
Concen: 11.081 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

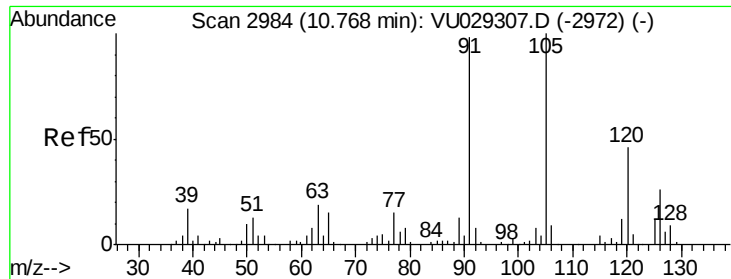
Tot Ion:120 Resp: 33779
Ion Ratio Lower Upper
120 100
91 462.5 370.0 555.0



#74
2-Chlorotoluene
Concen: 10.523 ug/l
RT: 10.66 min Scan# 2949
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

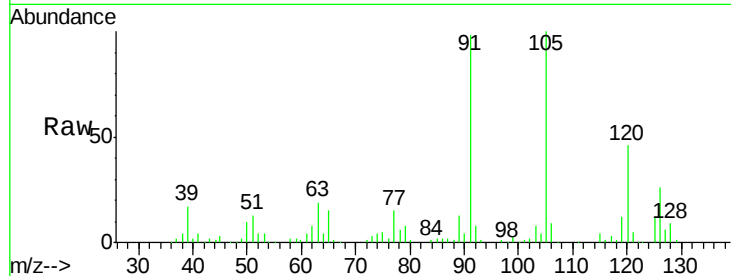
Tgt Ion:126 Resp: 29142
Ion Ratio Lower Upper
126 100
91 321.5 0.0 643.0



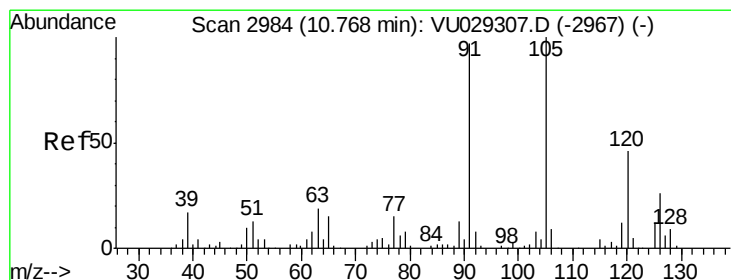
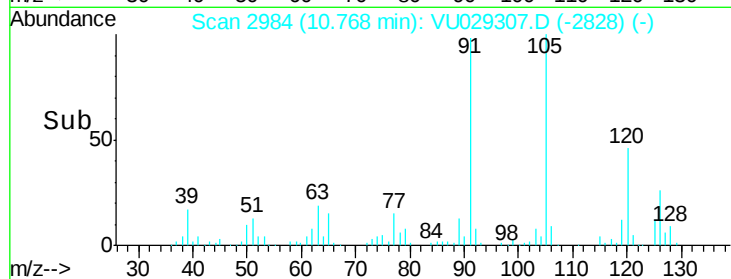
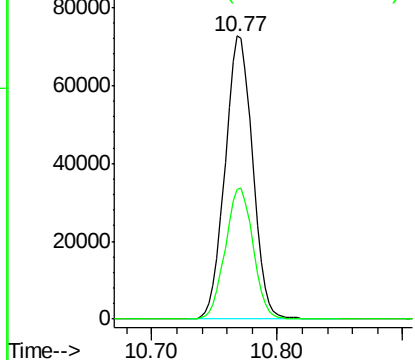


#75
 1,3,5-Trimethylbenzene
 Concen: 10.779 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion:105 Resp: 110698
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.3 55.9

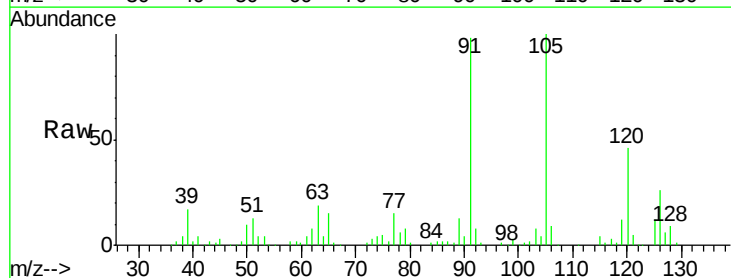


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

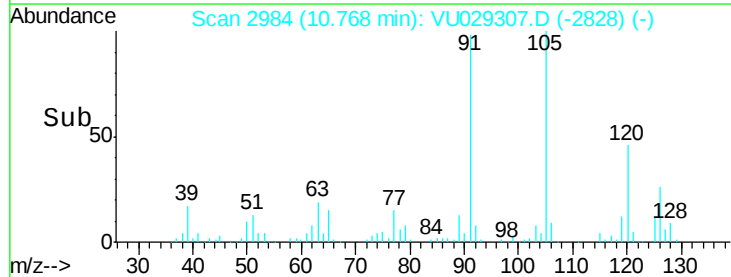
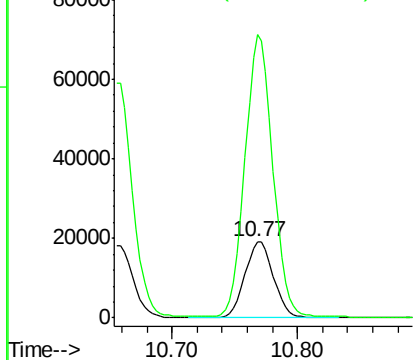


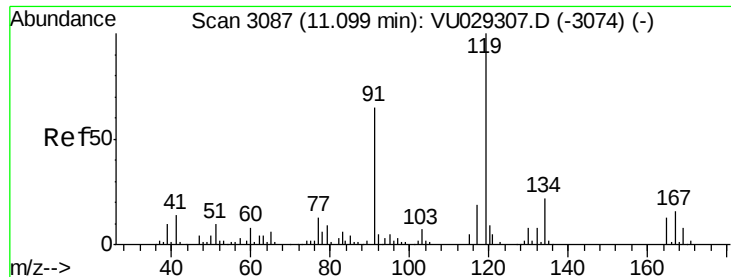
#76
 4-Chlorotoluene
 Concen: 10.990 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion:126 Resp: 30547
 Ion Ratio Lower Upper
 126 100
 91 363.7 0.0 727.4



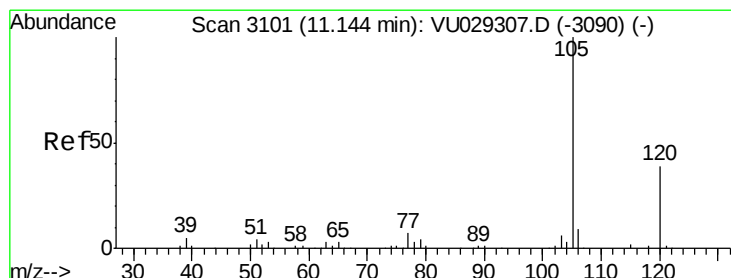
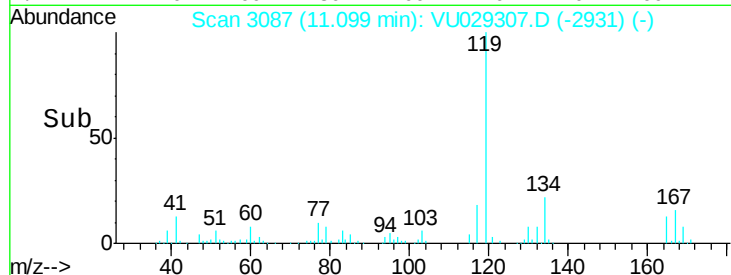
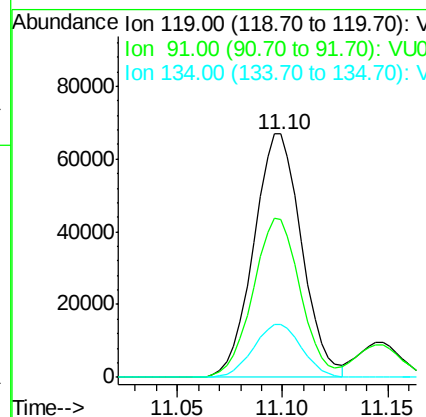
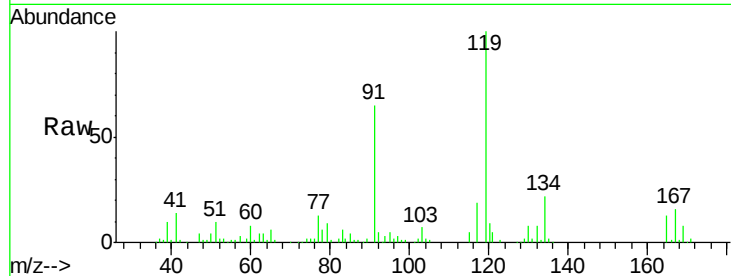
Abundance Ion 126.00 (125.70 to 126.70): V
 Ion 91.00 (90.70 to 91.70): VU0





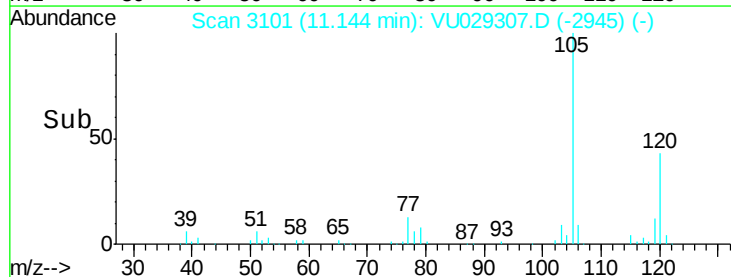
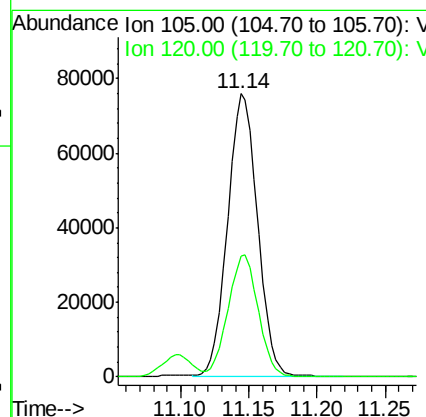
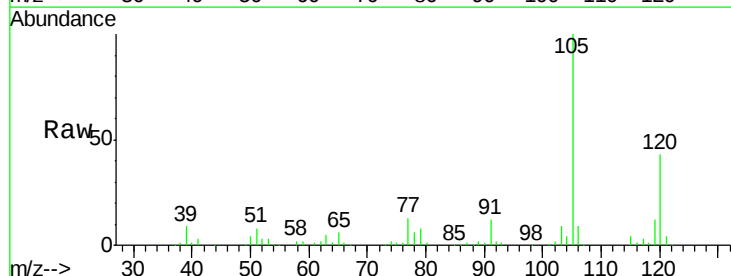
#77
 tert-Butylbenzene
 Concen: 10.784 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

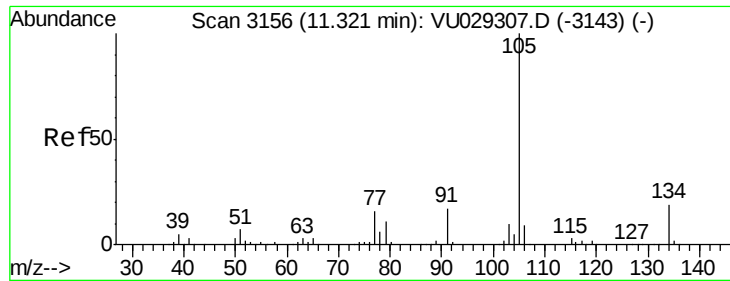
Tot Ion:119 Resp: 105756
 Ion Ratio Lower Upper
 119 100
 91 64.4 32.2 96.6
 134 22.0 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.989 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion:105 Resp: 116140
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.4 64.3





#79

sec-Butylbenzene

Concen: 10.720 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029307.D

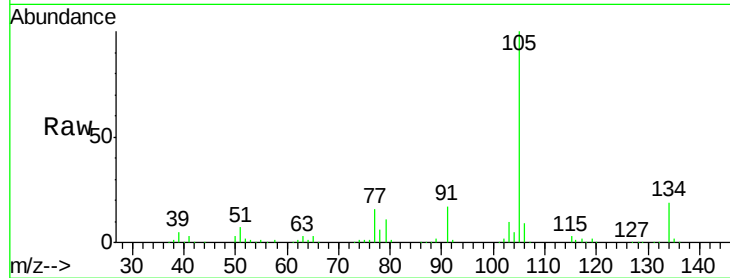
Acq: 29 Jan 2019 18:28

Tot Ion: 105 Resp: 141003

Ion Ratio Lower Upper

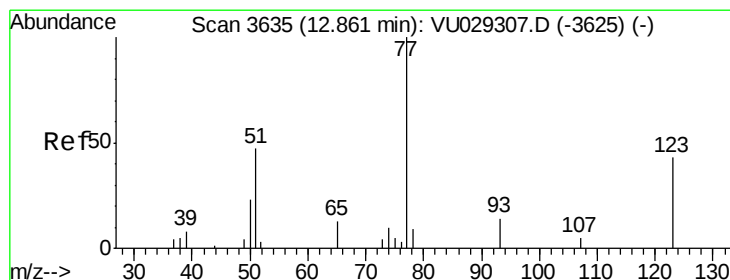
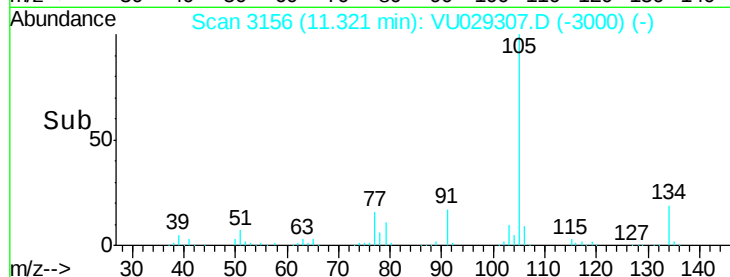
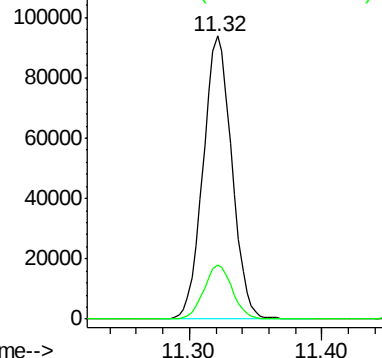
105 100

134 18.8 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: 63.411 ug/l

RT: 12.86 min Scan# 3635

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

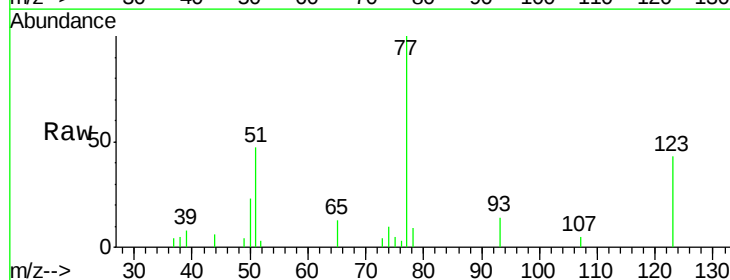
Tgt Ion: 77 Resp: 5955

Ion Ratio Lower Upper

77 100

123 39.7 17.5 61.9

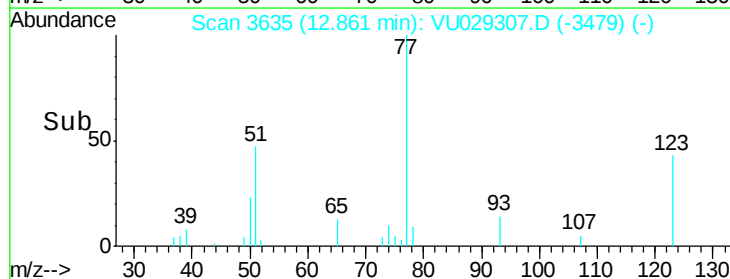
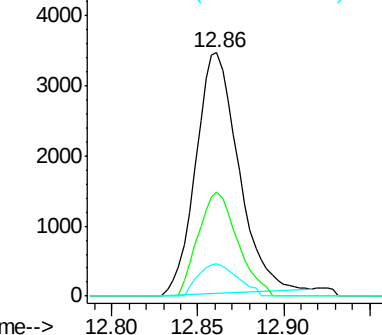
65 12.3 10.8 13.8

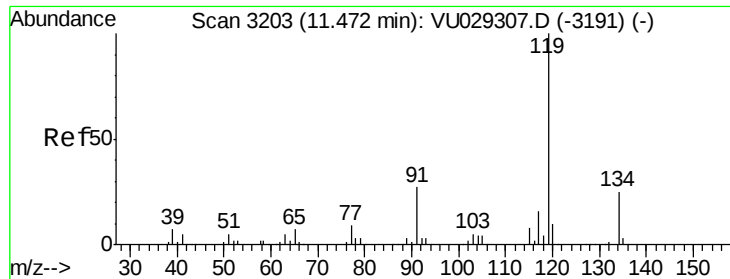


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 10.996 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

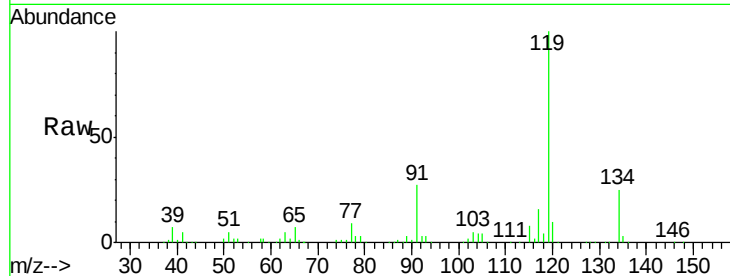
Tot Ion:119 Resp: 120678

Ion Ratio Lower Upper

119 100

134 24.7 19.8 29.6

91 26.9 21.5 32.3

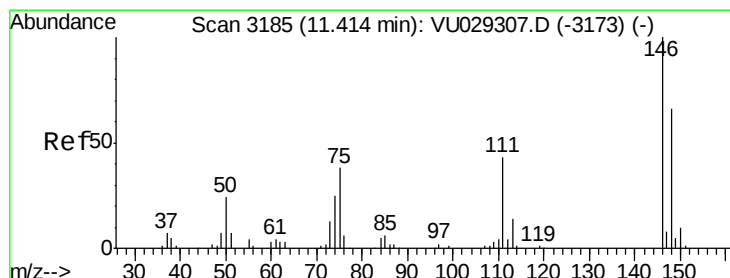
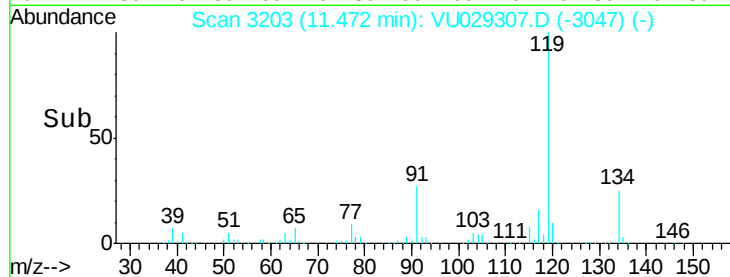


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



#82

1,3-Dichlorobenzene

Concen: 10.071 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

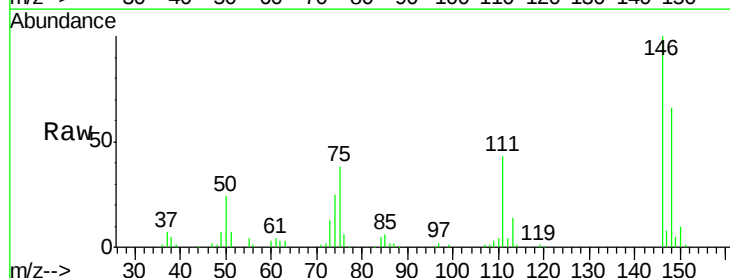
Tgt Ion:146 Resp: 58839

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 65.4 52.3 78.5

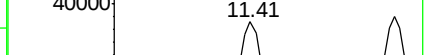
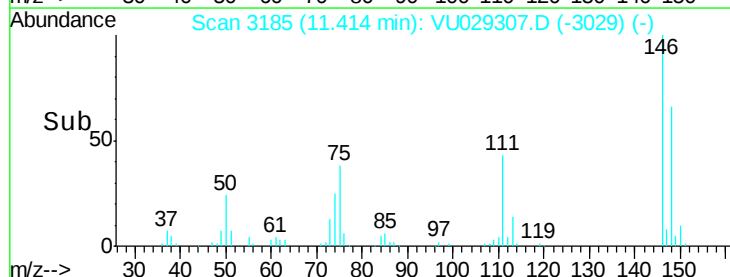


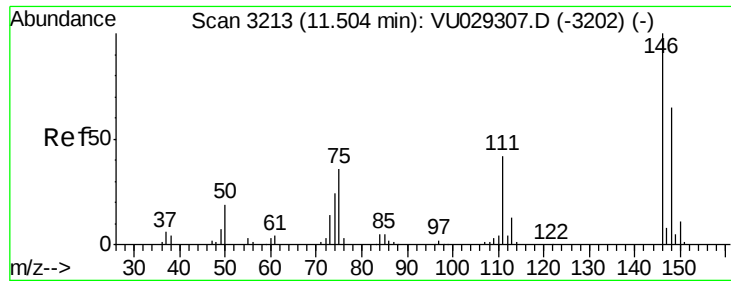
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

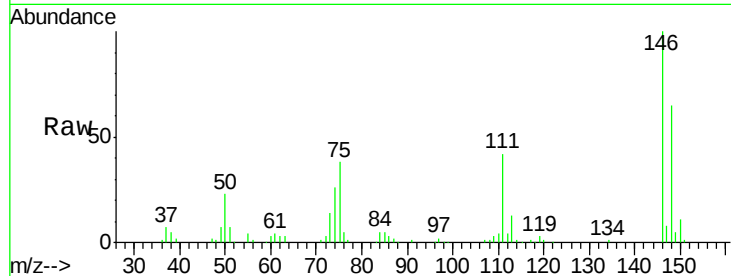
Time-->



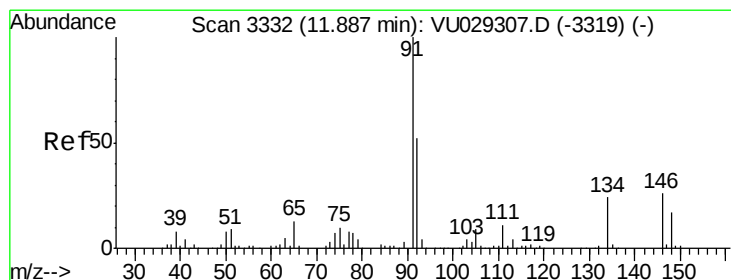
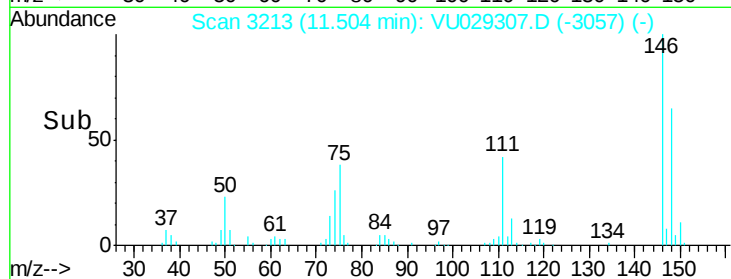
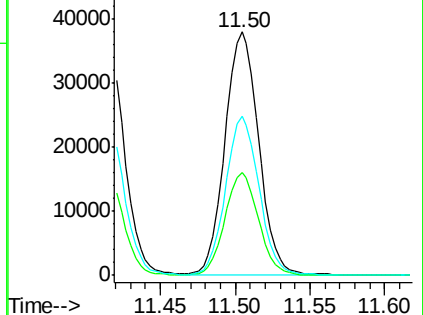


#83
 1,4-Dichlorobenzene
 Concen: 10.336 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion:146 Resp: 59900
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.9 49.3
 148 64.7 51.8 77.6

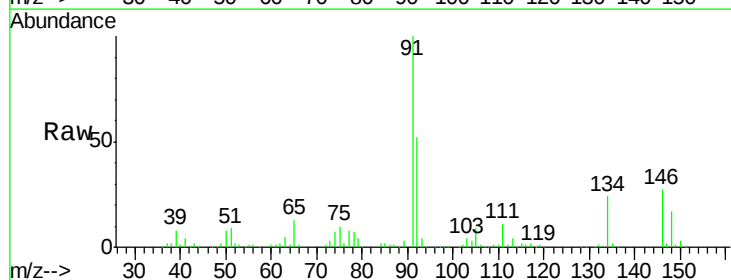


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

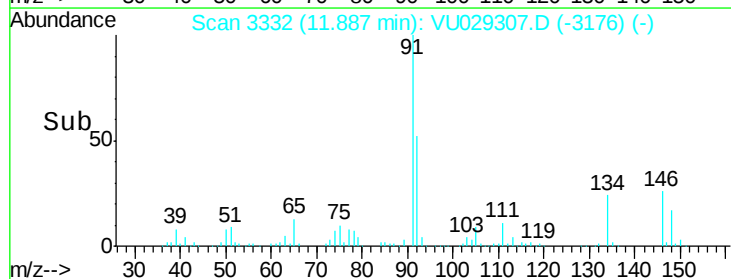
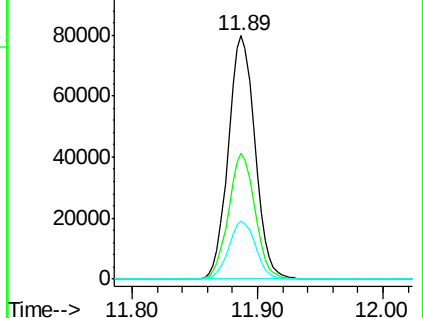


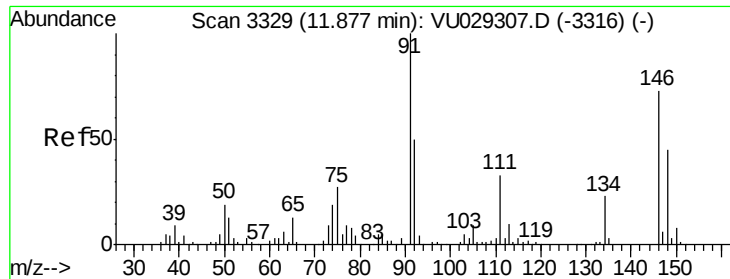
#84
 n-Butylbenzene
 Concen: 10.995 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion: 91 Resp: 117462
 Ion Ratio Lower Upper
 91 100
 92 51.3 41.0 61.6
 134 23.9 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: 10.308 ug/l

RT: 11.88 min Scan# 3329

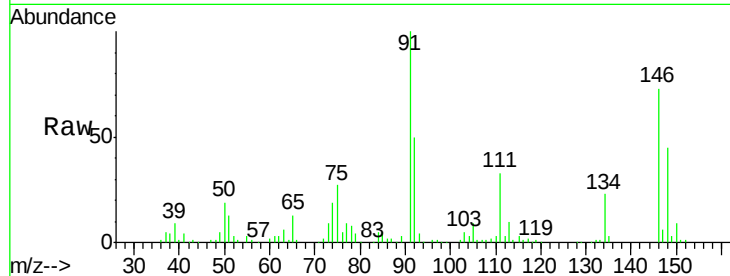
Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

Tot Ion:146 Resp: 55486

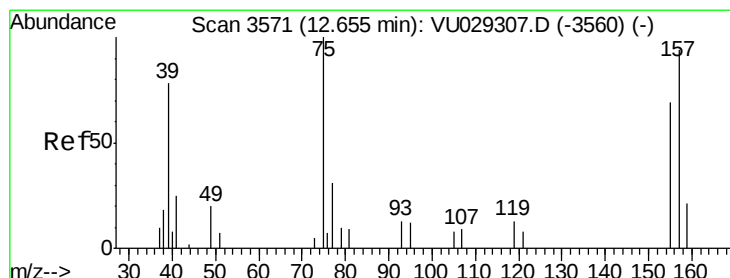
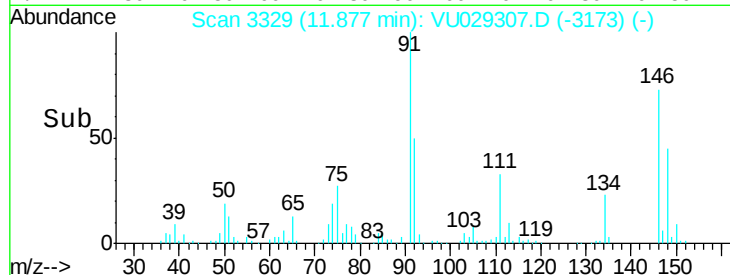
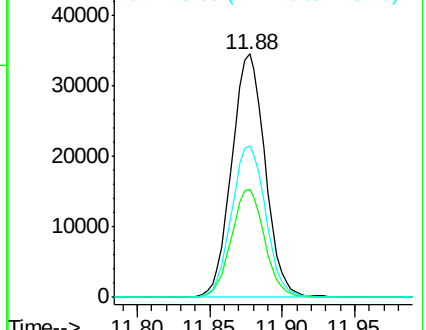
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	63.5	31.8	95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.985 ug/l

RT: 12.66 min Scan# 3571

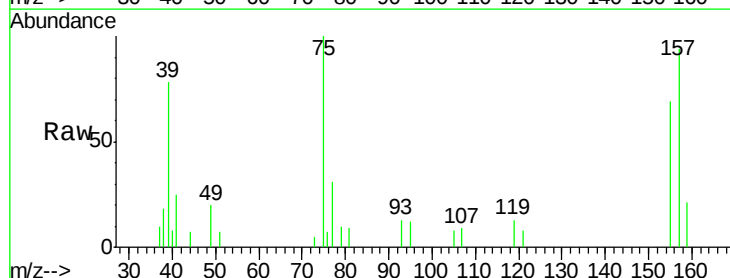
Delta R.T. 0.00 min

Lab File: VU029307.D

Acq: 29 Jan 2019 18:28

Tgt Ion: 75 Resp: 4946

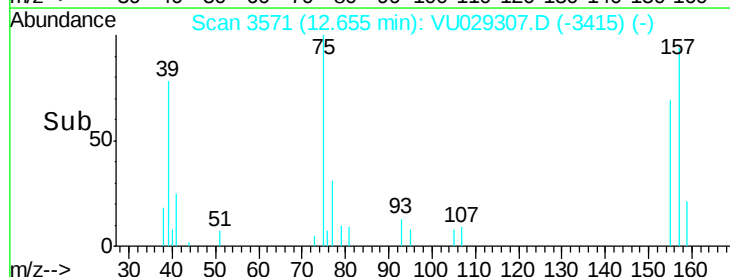
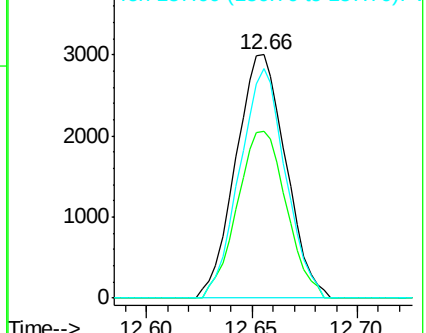
Ion	Ratio	Lower	Upper
75	100		
155	67.3	53.8	80.8
157	86.5	69.2	103.8

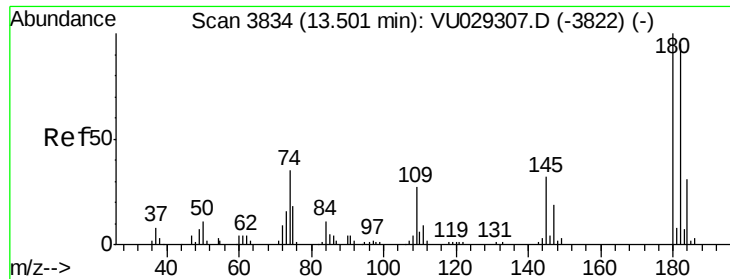


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

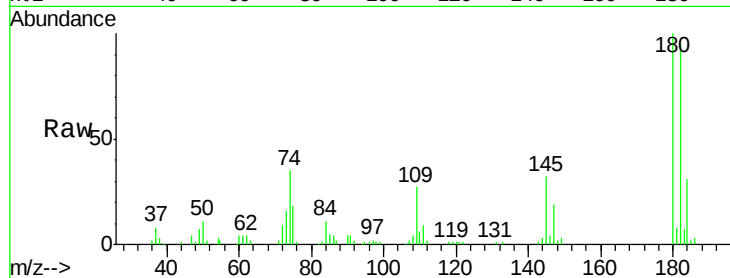
Ion 157.00 (156.70 to 157.70): V



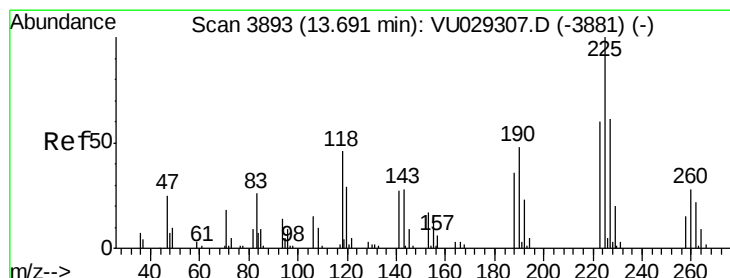
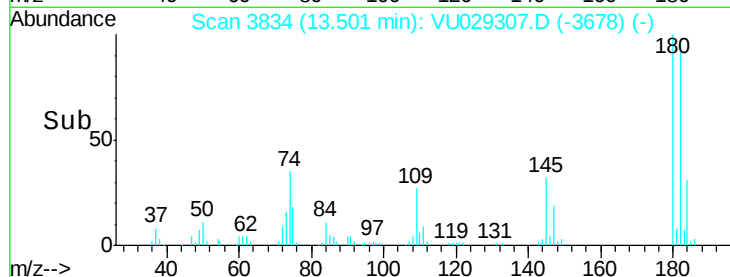
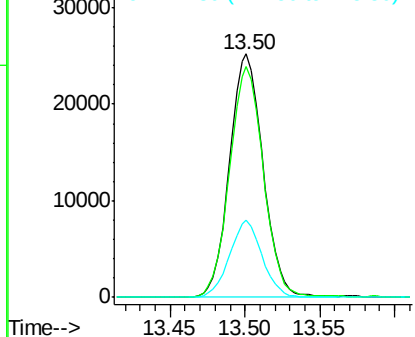


#87
 1,2,4-Trichlorobenzene
 Concen: 11.011 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tot Ion:180 Resp: 39320
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 114.8
 145 30.7 24.6 36.8

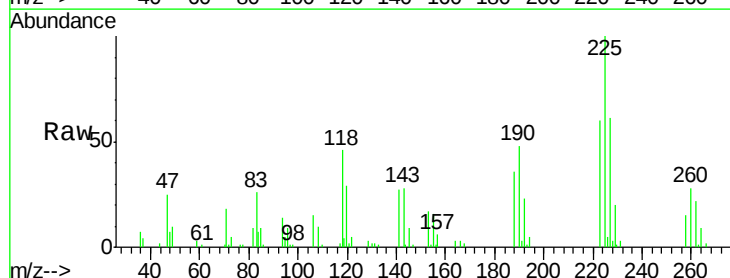


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

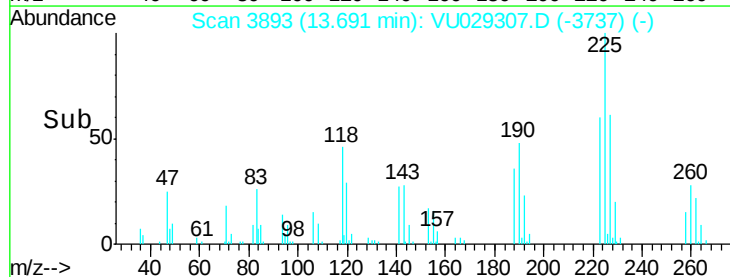
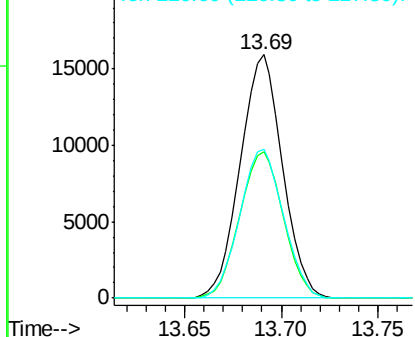


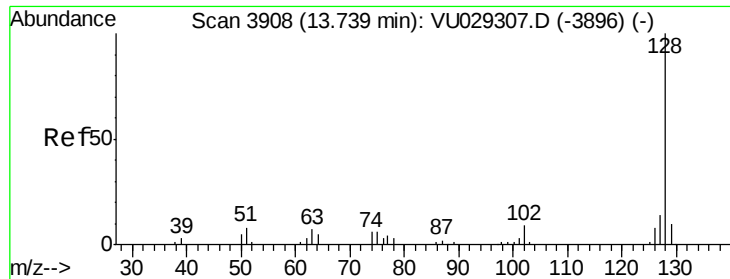
#88
 Hexachlorobutadiene
 Concen: 10.558 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029307.D
 Acq: 29 Jan 2019 18:28

Tgt Ion:225 Resp: 24213
 Ion Ratio Lower Upper
 225 100
 223 61.9 49.5 74.3
 227 63.0 50.4 75.6



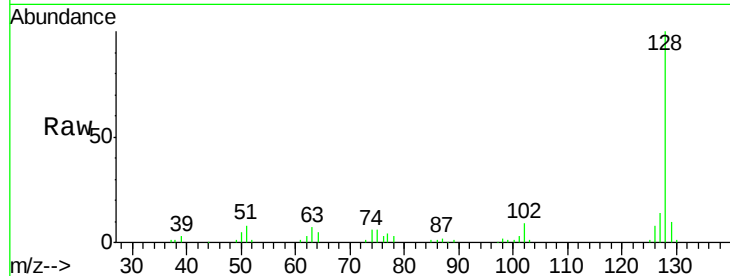
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



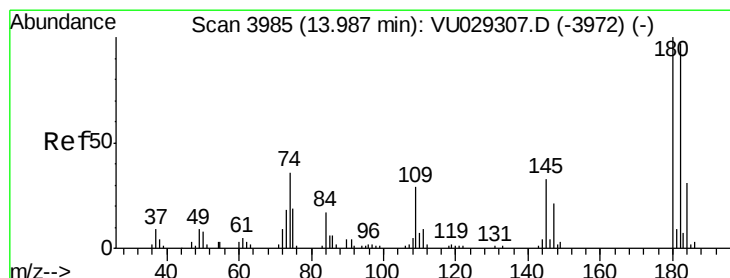
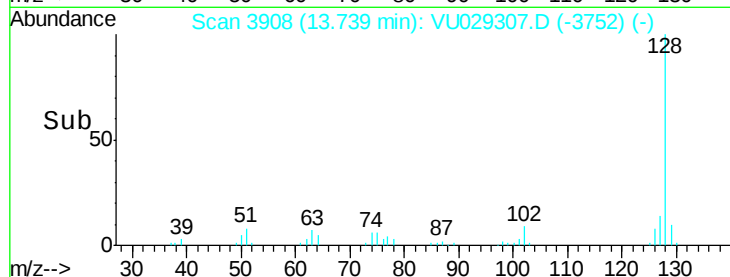
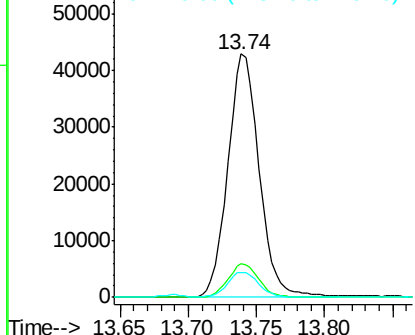


#89
Naphthalene
Concen: 11.736 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tot Ion:128 Resp: 68605
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.3 8.2 12.4

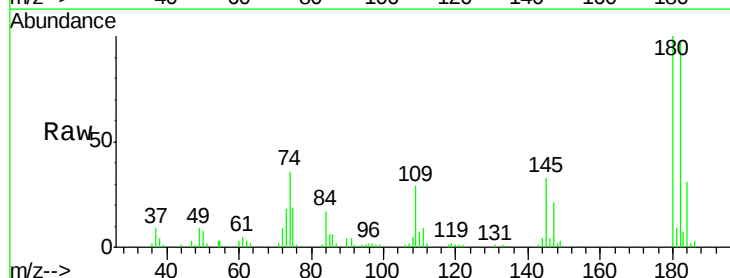


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 10.876 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029307.D
Acq: 29 Jan 2019 18:28

Tgt Ion:180 Resp: 36304
Ion Ratio Lower Upper
180 100
182 97.5 78.0 117.0
145 33.2 26.6 39.8



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

