

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012919\
 Data File : VU029303.D
 Acq On : 29 Jan 2019 16:11
 Operator : JC/SP
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 09:14:18 2019

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

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Jan 30 03:57:08 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	7455	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	2775	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	2888	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	1553	0.450	ug/l	99
3) Chloromethane	1.32	50	1557	0.559	ug/l	98
4) Vinyl Chloride	1.39	62	1502	0.523	ug/l	96
5) Bromomethane	1.62	94	1187	0.659	ug/l	97
6) Chloroethane	1.69	64	1043m	0.507	ug/l	
7) Trichlorofluoromethane	1.88	101	2745	0.516	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1168	0.525	ug/l	92
9) 1,1-Dichloroethene	2.27	96	1116	0.542	ug/l	99
10) Iodomethane	2.40	142	562	0.743	ug/l	87
11) Allyl Chloride	2.58	41	2355	0.484	ug/l	88
12) Acrylonitrile	2.92	53	630	1.016	ug/l	95
13) Acetone	2.31	43	2493	3.248	ug/l	98
14) Carbon Disulfide	2.47	76	4027	0.543	ug/l	96
15) Methylene Chloride	2.69	84	1832	0.673	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	1243	0.537	ug/l	98
17) 1,1-Dichloroethane	3.43	63	2882	0.575	ug/l #	85
18) 2-Butanone	4.28	43	1873	2.377	ug/l	78
19) Cyclohexane	4.98	56	1742	0.549	ug/l #	78
20) Methylcyclohexane	6.41	83	1513	0.446	ug/l	90
21) 2,2-Dichloropropane	4.22	77	2359	0.520	ug/l #	79
22) cis-1,2-Dichloroethene	4.22	96	1144	0.469	ug/l	91
23) Diethyl Ether	2.09	59	1131	0.546	ug/l	96
24) tert-Butyl Alcohol	2.82	59	1263	4.869	ug/l #	80
25) Methyl tert-Butyl Ether	2.99	73	3437	0.492	ug/l	90
26) Bromochloromethane	4.54	128	407	0.408	ug/l	82
27) Chloroform	4.67	83	2450	0.488	ug/l	92
28) 1,1,1-Trichloroethane	4.91	97	2253	0.480	ug/l	96
29) 1,1-Dichloropropene	5.12	75	1605	0.464	ug/l #	93
30) Carbon Tetrachloride	5.13	117	2082	0.508	ug/l #	82
31) Isopropyl Ether	3.57	45	3779	0.515	ug/l	97
32) Ethyl-t-butyl ether	4.06	59	3465	0.514	ug/l	94
33) Tert-Amyl methyl ether	5.58	73	2791	0.488	ug/l #	93
35) Benzene	5.38	78	4760	0.501	ug/l	97
36) 1,2-Dichloroethane	5.40	62	1881	0.478	ug/l #	82
37) Trichloroethene	6.18	130	1146	0.479	ug/l	92
38) 1,2-Dichloropropane	6.43	63	1305	0.502	ug/l #	87
42) 1-Chlorobutane	5.05	56	2644	0.499	ug/l	95
43) Dibromomethane	6.55	93	617	0.475	ug/l #	80
44) Bromodichloromethane	6.75	83	1896	0.502	ug/l #	97
45) 4-Methyl-2-Pentanone	7.46	43	3920	2.184	ug/l #	92
46) t-1,4-Dichloro-2-butene	10.52	75	447m	0.739	ug/l	

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 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 30 09:14:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 30 03:57:08 2019
 Response via : Initial Calibration

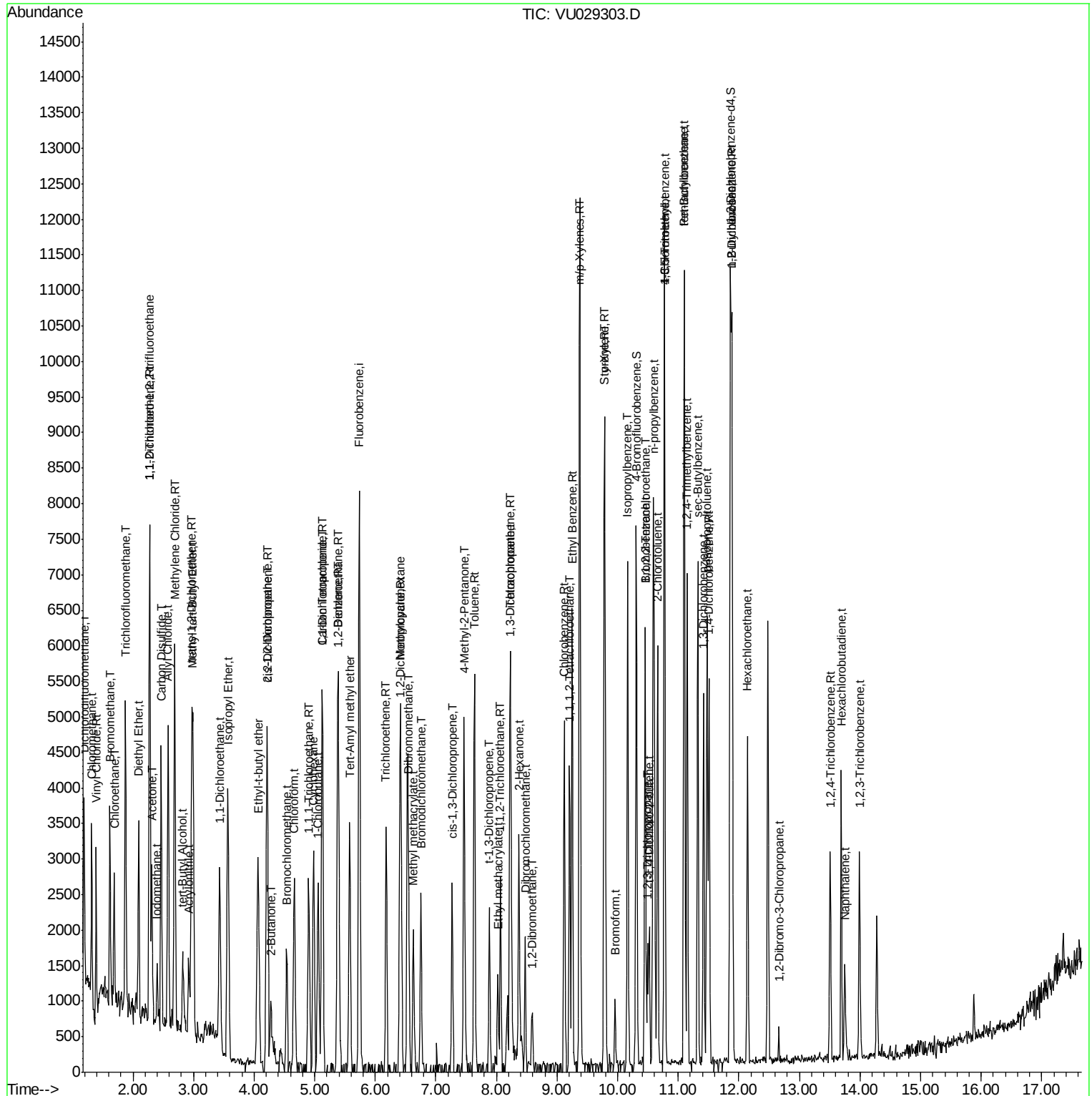
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

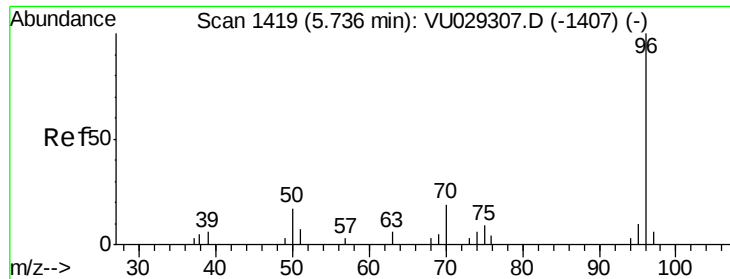
47) Methyl methacrylate	6.63	69	862	0.786	ug/l	94
48) Ethyl methacrylate	8.02	69	838	0.401	ug/l	93
49) Toluene	7.63	92	2556	0.463	ug/l	94
50) t-1,3-Dichloropropene	7.88	75	1430	0.443	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	1631	0.458	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	815	0.479	ug/l	94
53) 1,3-Dichloropropane	8.24	76	1534	0.481	ug/l	97
54) 2-Hexanone	8.37	43	2867	2.257	ug/l	85
55) Dibromochloromethane	8.48	129	1048	0.457	ug/l	94
56) 1,2-Dibromoethane	8.58	107	713	0.456	ug/l	99
58) Tetrachloroethene	8.22	164	1061	0.467	ug/l	92
59) Chlorobenzene	9.12	112	2882	0.481	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.21	131	1278	0.516	ug/l	93
61) Pentachloroethane	11.10	117	971	0.509	ug/l	93
62) Hexachloroethane	12.14	117	912	0.498	ug/l	84
63) Ethyl Benzene	9.25	91	4759	0.454	ug/l	96
64) m/p-Xylenes	9.37	106	3375	0.857	ug/l	99
65) o-Xylene	9.78	106	1697	0.449	ug/l	94
66) Styrene	9.79	104	2685	0.413	ug/l	99
67) Bromoform	9.96	173	574	0.433	ug/l #	89
69) Isopropylbenzene	10.16	105	4549	0.435	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	1101	0.484	ug/l #	94
71) 1,2,3-Trichloropropane	10.49	75	1026m	0.533	ug/l	
72) Bromobenzene	10.45	156	1167	0.453	ug/l	95
73) n-propylbenzene	10.59	120	1229	0.437	ug/l	100
74) 2-Chlorotoluene	10.66	126	1057	0.431	ug/l	83
75) 1,3,5-Trimethylbenzene	10.77	105	3768	0.407	ug/l	98
76) 4-Chlorotoluene	10.77	126	1092	0.420	ug/l	96
77) tert-Butylbenzene	11.10	119	3959	0.445	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	4085	0.433	ug/l	98
79) sec-Butylbenzene	11.32	105	4853	0.417	ug/l	96
81) p-Isopropyltoluene	11.48	119	3912	0.397	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	2566	0.480	ug/l	92
83) 1,4-Dichlorobenzene	11.51	146	2542	0.472	ug/l	91
84) n-Butylbenzene	11.89	91	3828	0.400	ug/l	91
85) 1,2-Dichlorobenzene	11.88	146	2158	0.446	ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	138	0.310	ug/l #	60
87) 1,2,4-Trichlorobenzene	13.50	180	1344	0.411	ug/l #	93
88) Hexachlorobutadiene	13.69	225	914	0.438	ug/l	97
89) Naphthalene	13.75	128	2012	0.383	ug/l #	85
90) 1,2,3-Trichlorobenzene	13.99	180	1300	0.427	ug/l #	95

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

```
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Sample    : VSTDICC0.5  
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Quant Time: Jan 30 09:14:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A U\METHOD\524U012919DW.M
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QLast Update : Wed Jan 30 03:57:08 2019
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

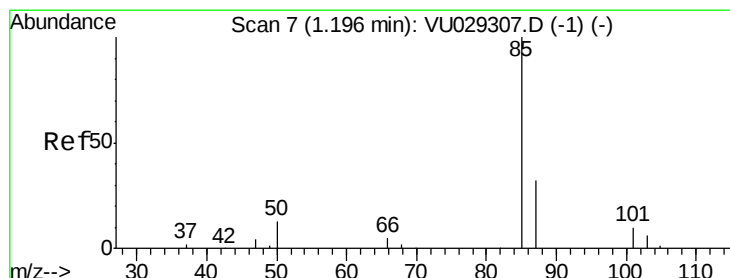
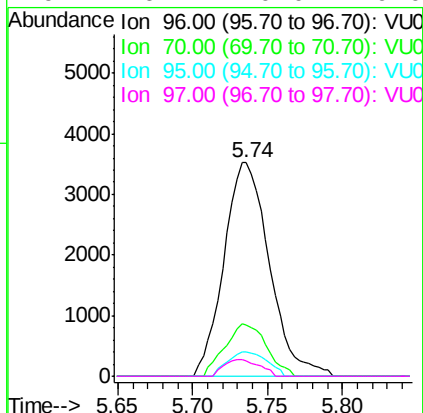
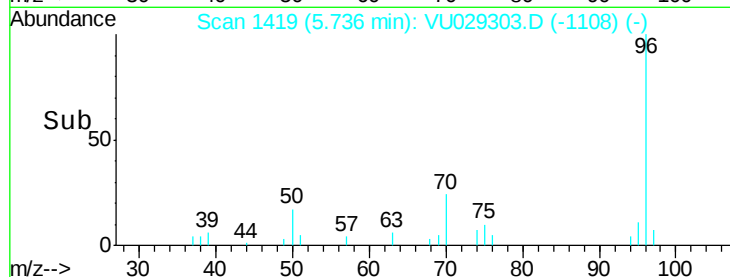
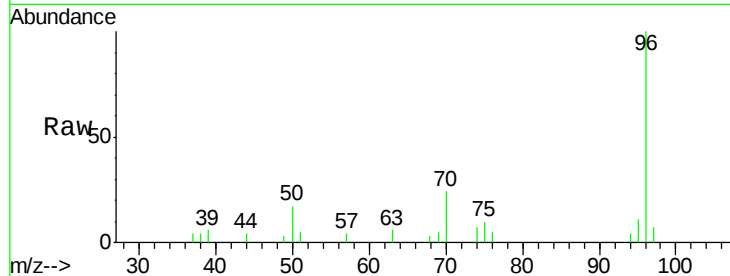
Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tot Ion: 96 Resp: 7455

Ion	Ratio	Lower	Upper
96	100		
70	22.4	16.2	24.2
95	9.8	7.4	11.2
97	6.1	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.450 ug/l

RT: 1.20 min Scan# 7

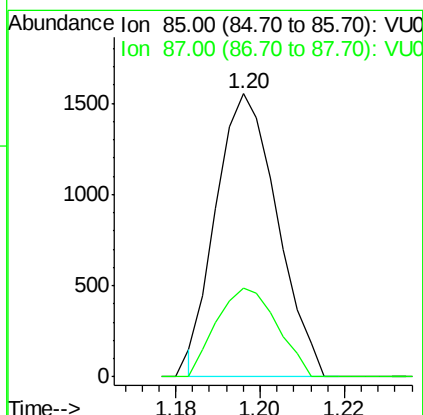
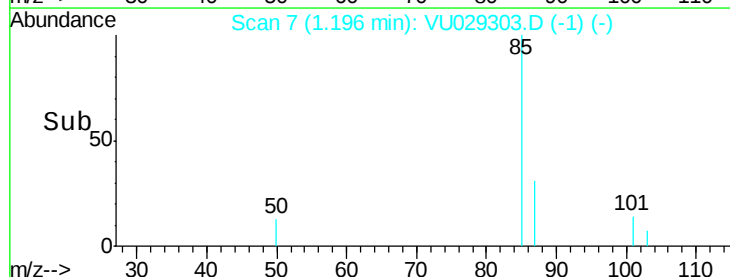
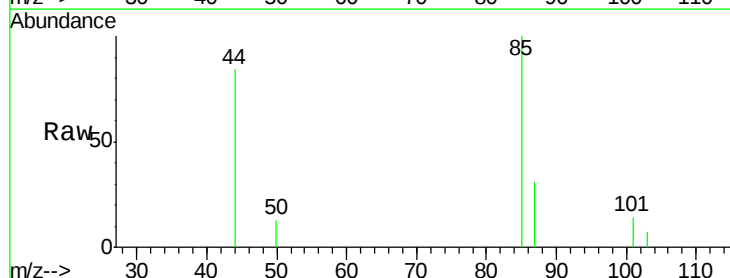
Delta R.T. -0.00 min

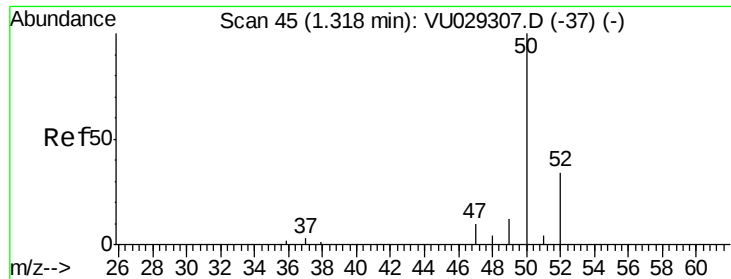
Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tgt Ion: 85 Resp: 1553

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.9	47.6





#3

Chloromethane

Concen: 0.559 ug/l

RT: 1.32 min Scan# 45

Delta R.T. -0.00 min

Lab File: VU029303.D

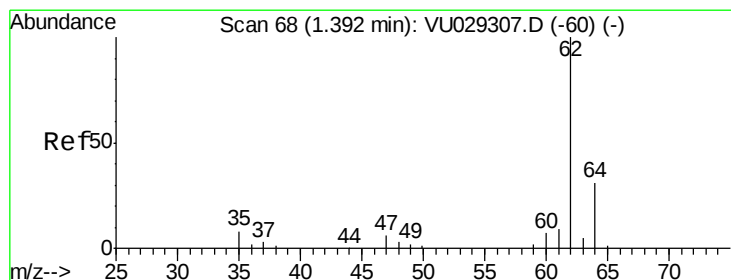
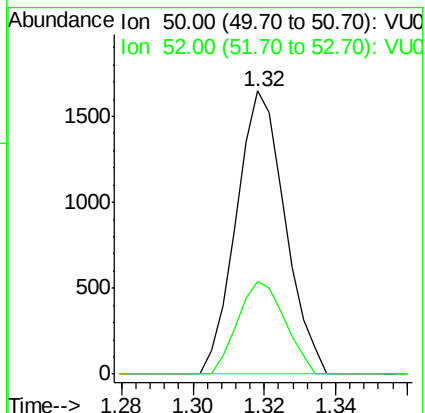
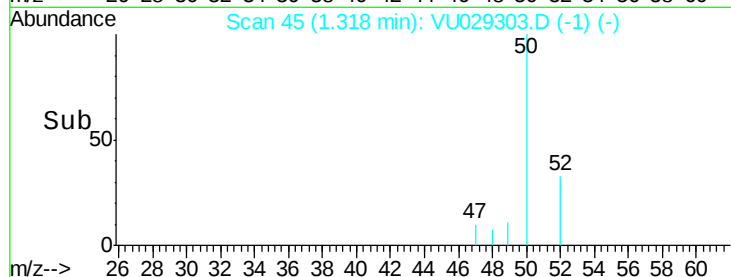
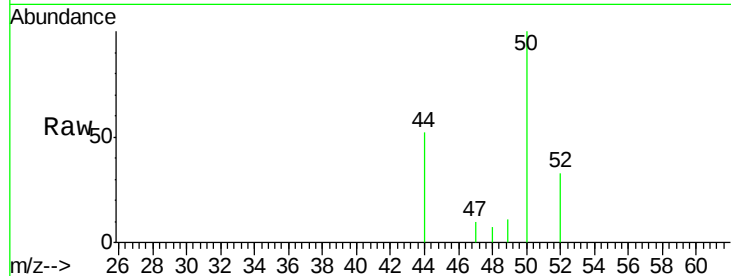
Acq: 29 Jan 2019 16:11

Tot Ion: 50 Resp: 1557

Ion Ratio Lower Upper

50 100

52 33.0 27.3 40.9



#4

Vinyl Chloride

Concen: 0.523 ug/l

RT: 1.39 min Scan# 68

Delta R.T. -0.00 min

Lab File: VU029303.D

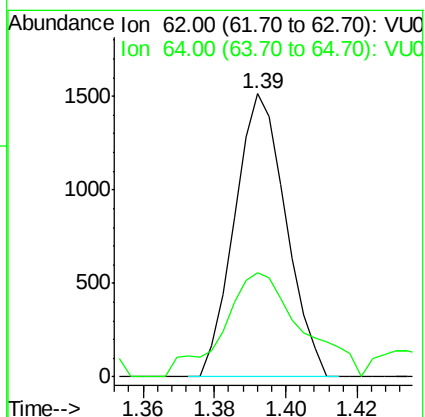
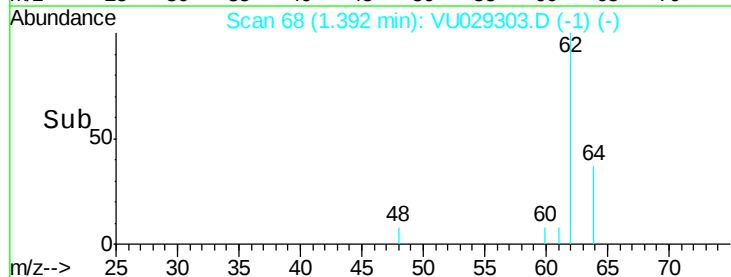
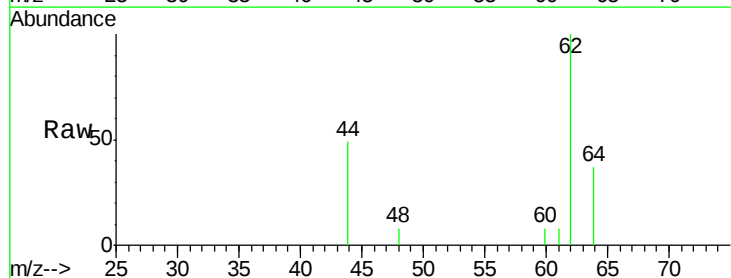
Acq: 29 Jan 2019 16:11

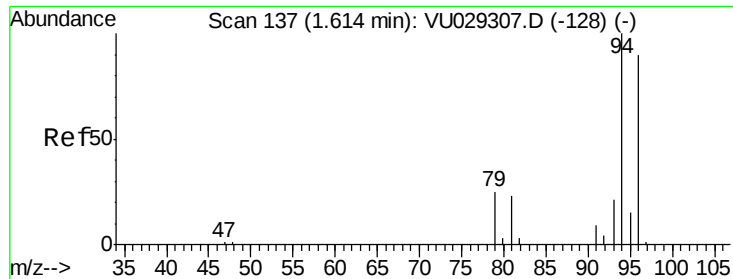
Tgt Ion: 62 Resp: 1502

Ion Ratio Lower Upper

62 100

64 29.5 25.2 37.8





#5

Bromomethane

Concen: 0.659 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.01 min

Lab File: VU029303.D

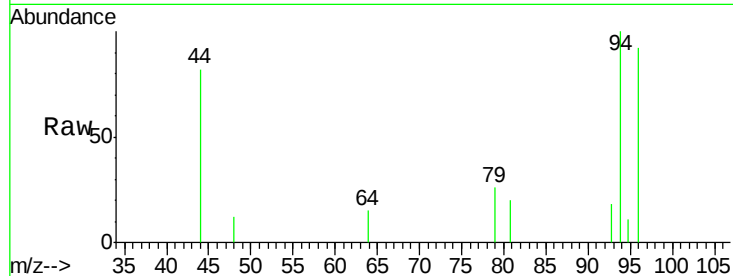
Acq: 29 Jan 2019 16:11

Tot Ion: 94 Resp: 1187

Ion Ratio Lower Upper

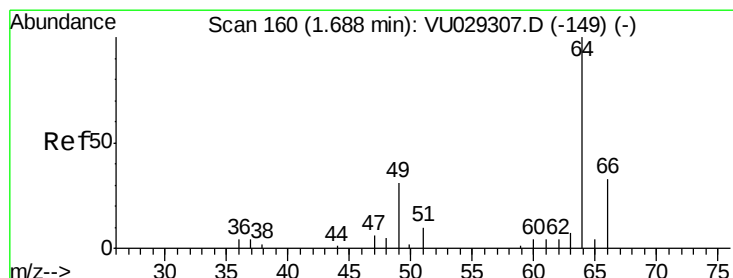
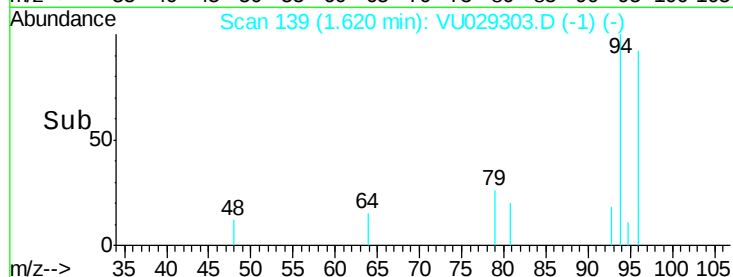
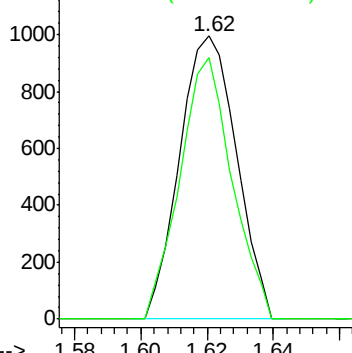
94 100

96 92.3 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 0.507 ug/l m

RT: 1.69 min Scan# 160

Delta R.T. -0.00 min

Lab File: VU029303.D

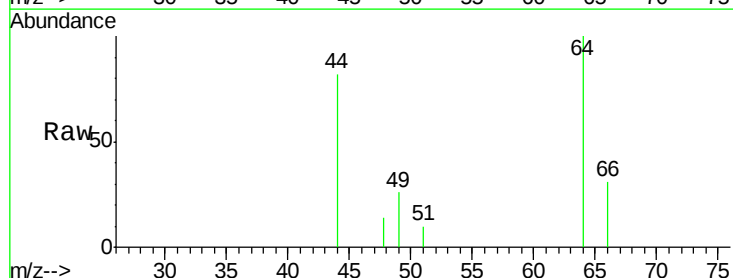
Acq: 29 Jan 2019 16:11

Tgt Ion: 64 Resp: 1043

Ion Ratio Lower Upper

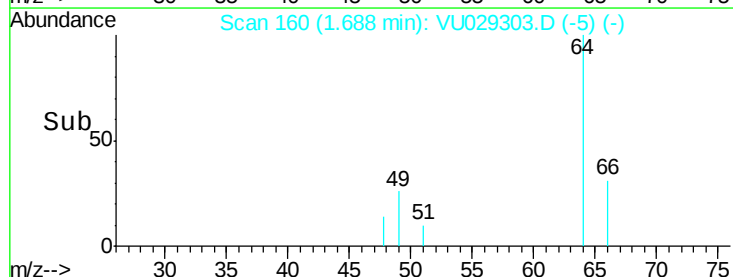
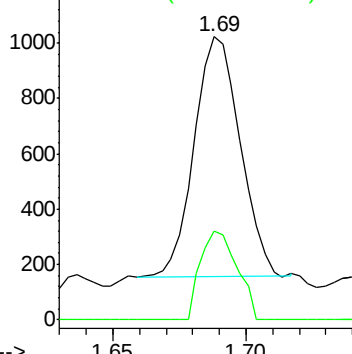
64 100

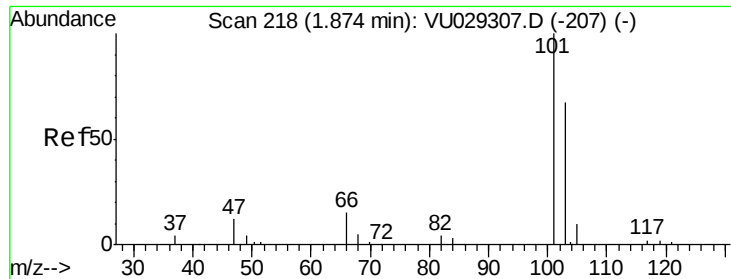
66 31.4 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

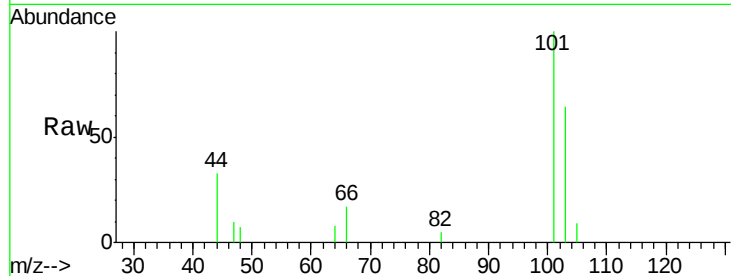




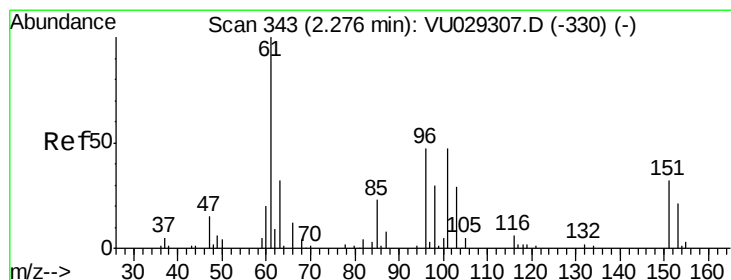
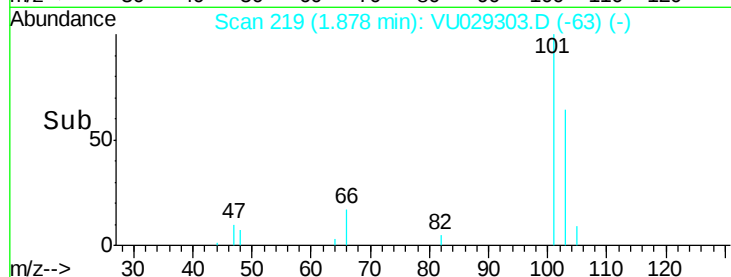
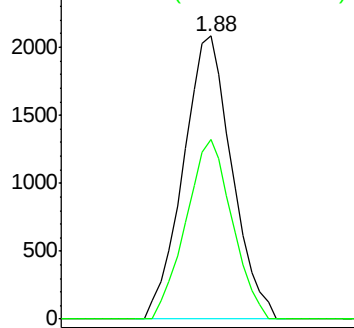
#7

Trichlorofluoromethane
Concen: 0.516 ug/l
RT: 1.88 min Scan# 219
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion:101 Resp: 2745
Ion Ratio Lower Upper
101 100
103 63.5 53.9 80.9



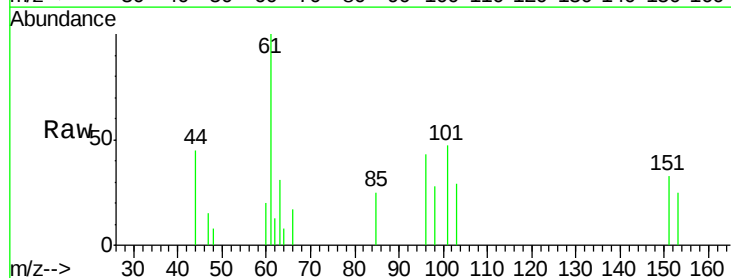
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



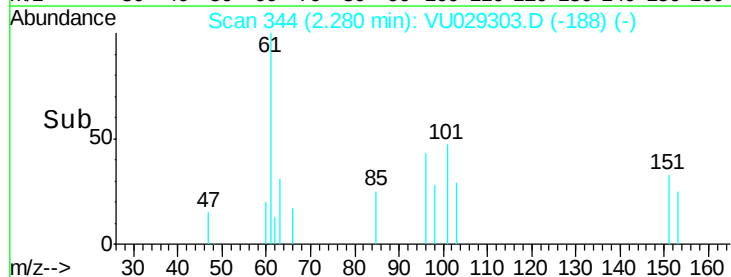
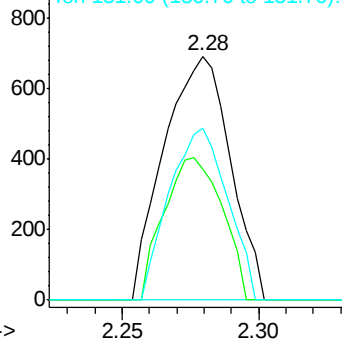
#8

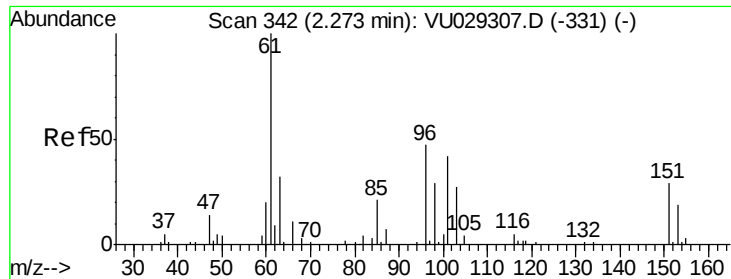
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.525 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion:101 Resp: 1168
Ion Ratio Lower Upper
101 100
85 51.5 40.3 60.5
151 61.8 58.1 87.1



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





#9

1,1-Dichloroethene

Concen: 0.542 ug/l

RT: 2.27 min Scan# 342

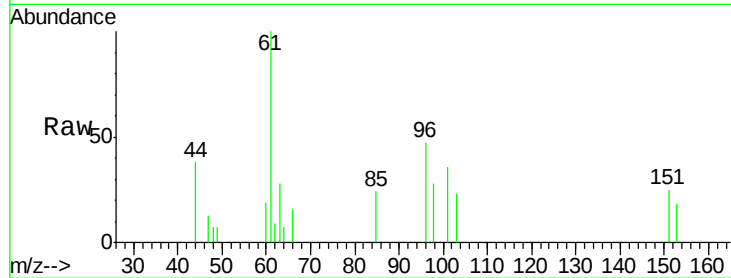
Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tot Ion: 96 Resp: 1116

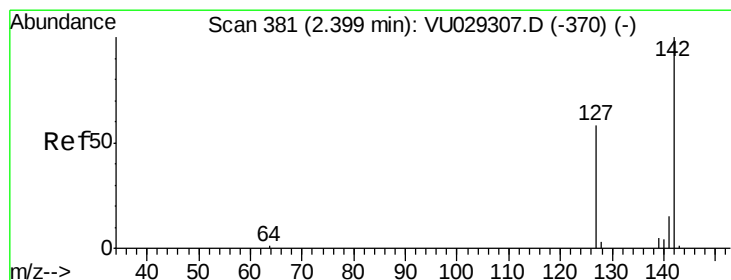
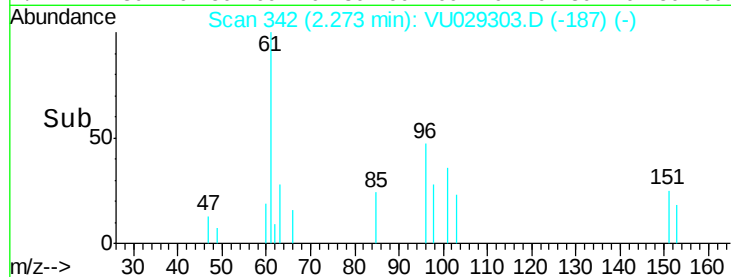
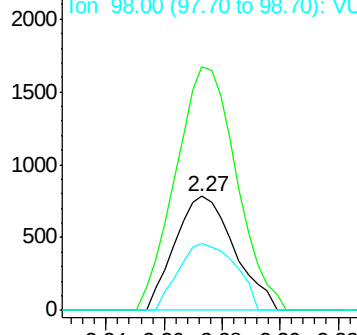
Ion	Ratio	Lower	Upper
96	100		
61	214.1	0.0	641.4
98	59.4	0.0	122.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 0.743 ug/l

RT: 2.40 min Scan# 381

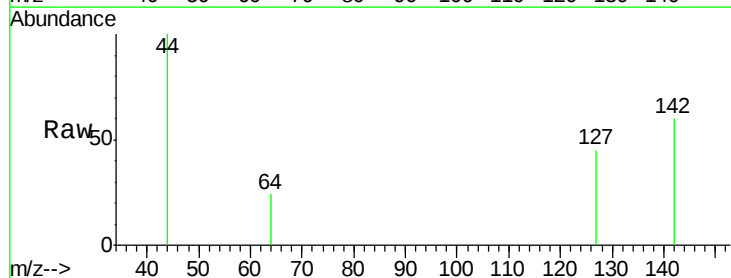
Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

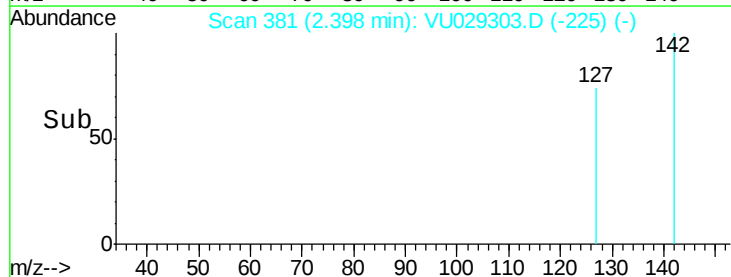
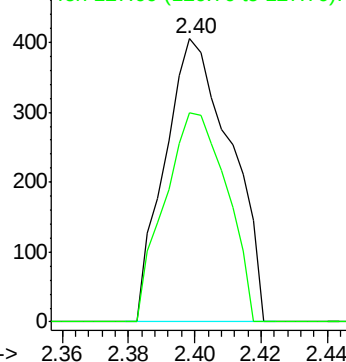
Tgt Ion: 142 Resp: 562

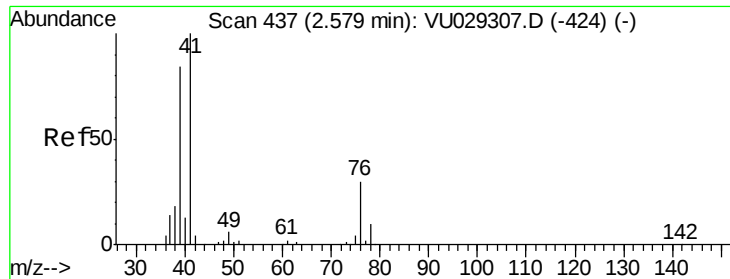
Ion	Ratio	Lower	Upper
142	100		
127	69.4	47.6	71.4



Abundance Ion 142.00 (141.70 to 142.70): V

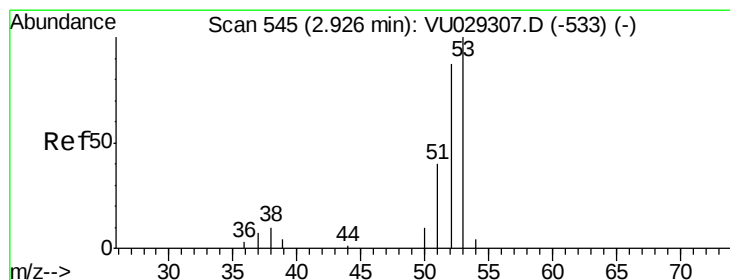
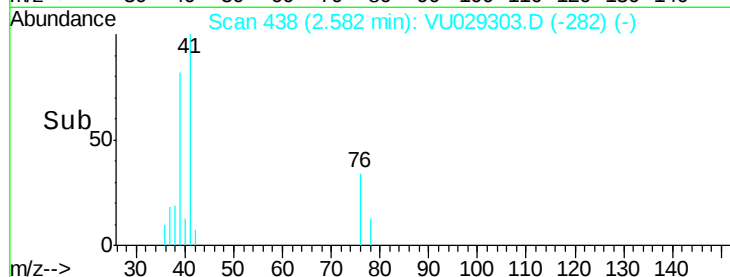
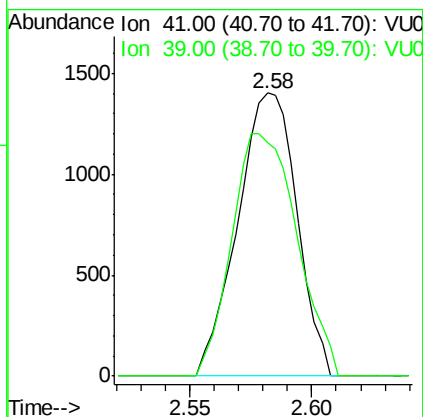
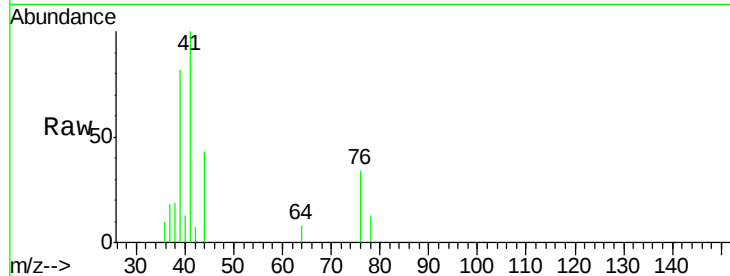
Ion 127.00 (126.70 to 127.70): V





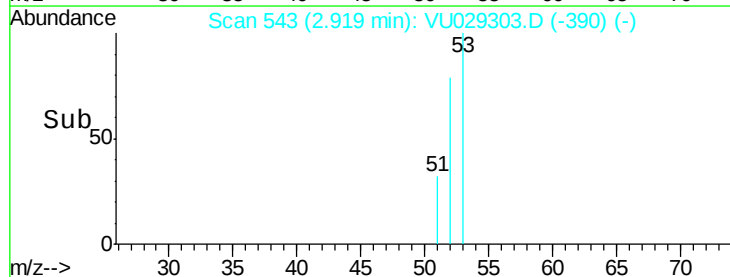
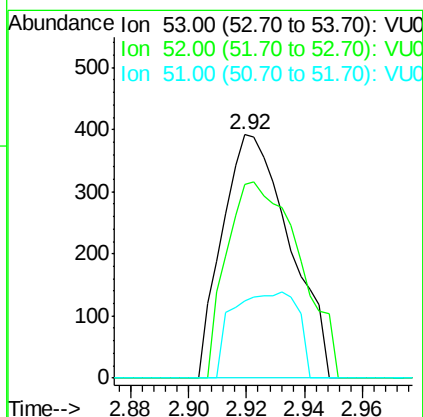
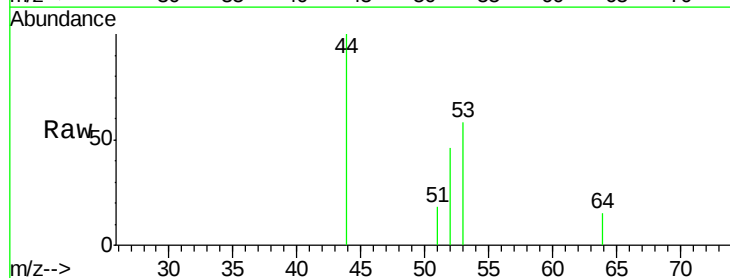
#11
Allvl Chloride
Concen: 0.484 ug/l
RT: 2.58 min Scan# 438
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

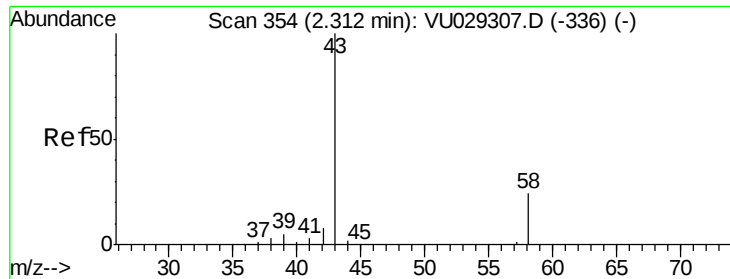
Tot Ion: 41 Resp: 2355
Ion Ratio Lower Upper
41 100
39 94.5 67.2 100.8



#12
Acrylonitrile
Concen: 1.016 ug/l
RT: 2.92 min Scan# 543
Delta R.T. -0.01 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion: 53 Resp: 630
Ion Ratio Lower Upper
53 100
52 87.3 67.6 101.4
51 34.0 31.0 46.4





#13

Acetone

Concen: 3.248 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029303.D

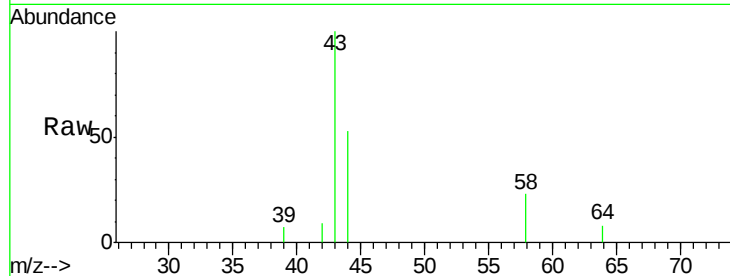
Acq: 29 Jan 2019 16:11

Tot Ion: 43 Resp: 2493

Ion Ratio Lower Upper

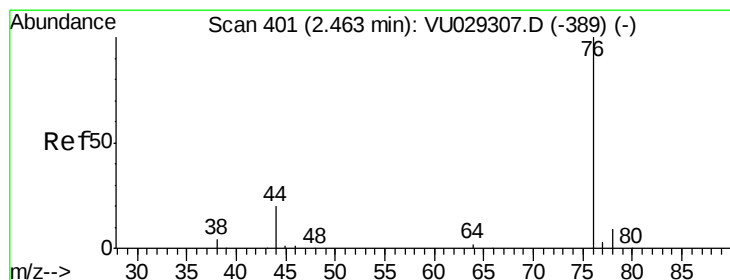
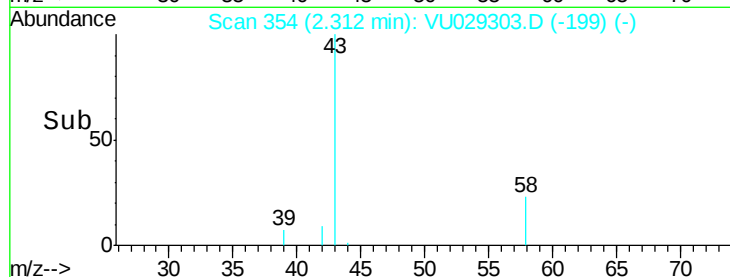
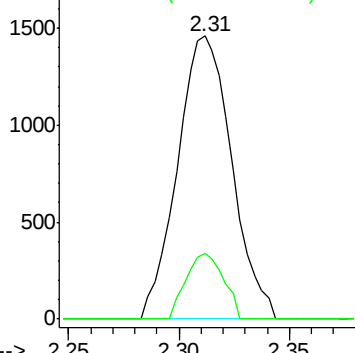
43 100

58 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 0.543 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029303.D

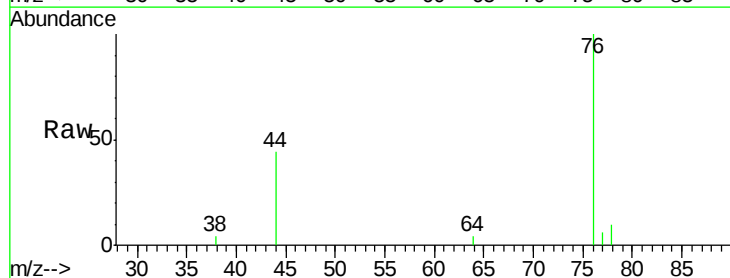
Acq: 29 Jan 2019 16:11

Tgt Ion: 76 Resp: 4027

Ion Ratio Lower Upper

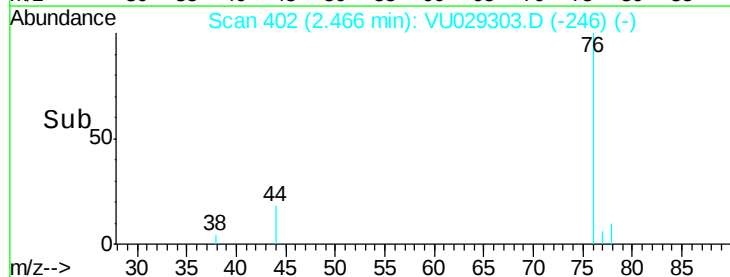
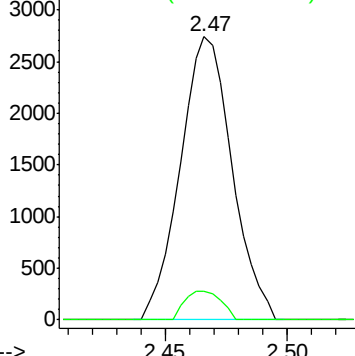
76 100

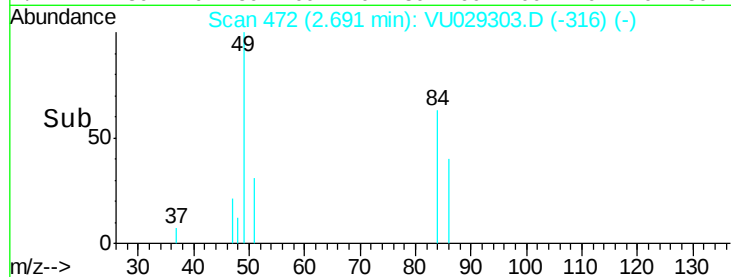
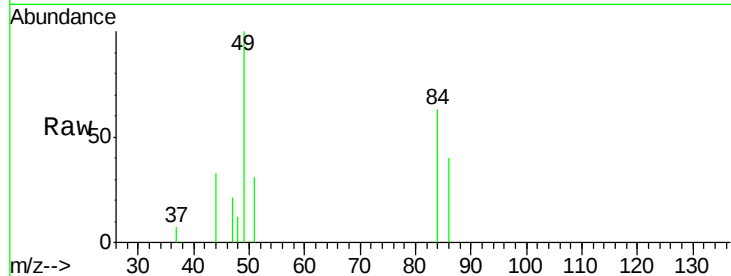
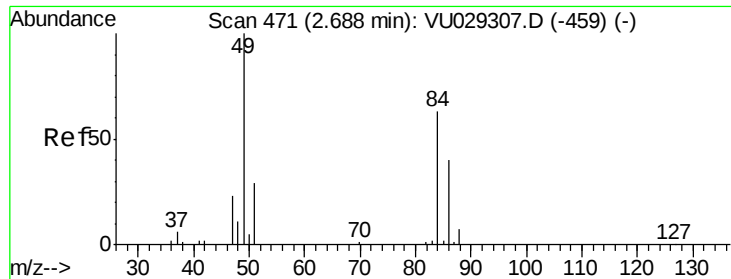
78 10.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

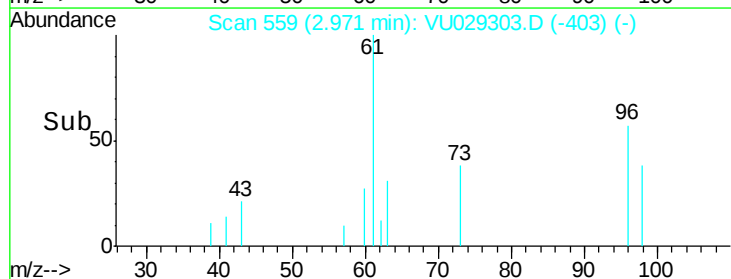
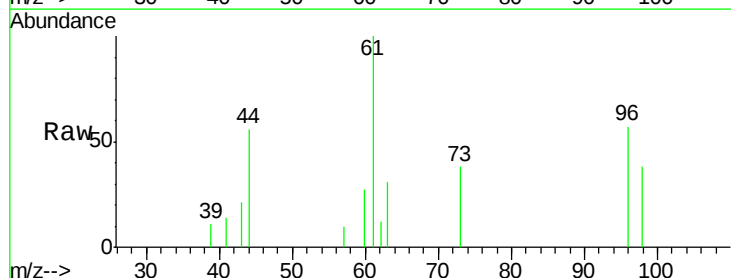
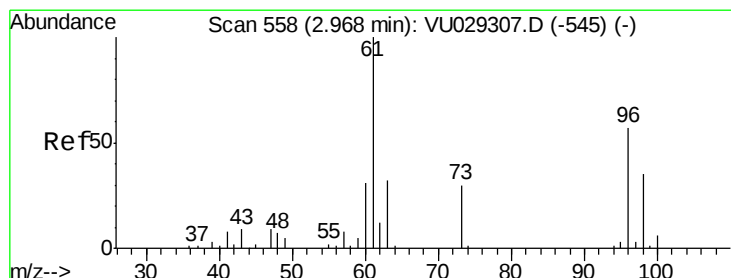
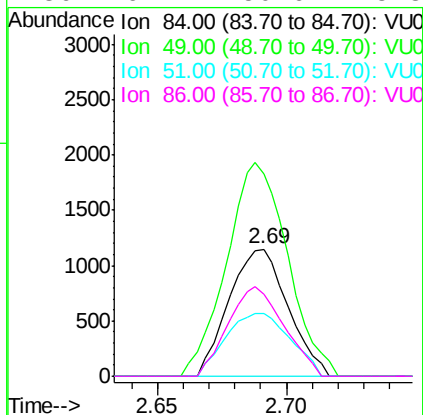
Ion 78.00 (77.70 to 78.70): VU0





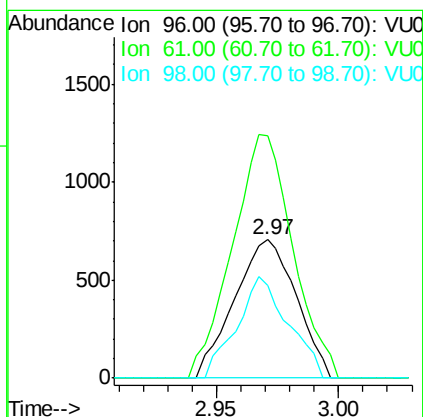
#15
Methvlene Chloride
Concen: 0.673 ug/l
RT: 2.69 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

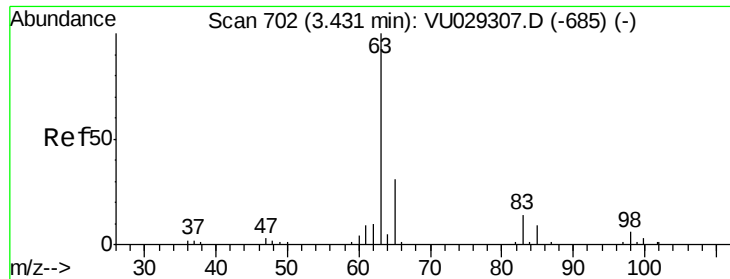
Tot Ion: 84 Resp: 1832
Ion Ratio Lower Upper
84 100
49 159.5 127.0 190.6
51 49.4 0.0 93.4
86 64.2 50.6 75.8



#16
trans-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 2.97 min Scan# 559
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion: 96 Resp: 1243
Ion Ratio Lower Upper
96 100
61 174.8 140.6 210.8
98 66.5 49.3 73.9





#17

1,1-Dichloroethane

Concen: 0.575 ug/l

RT: 3.43 min Scan# 701

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

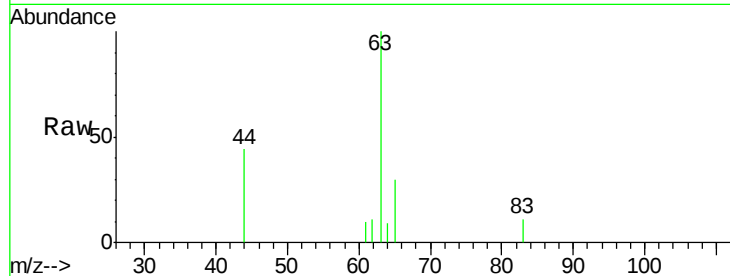
Tot Ion: 63 Resp: 2882

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

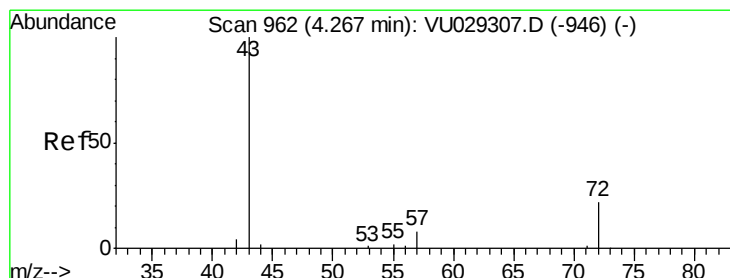
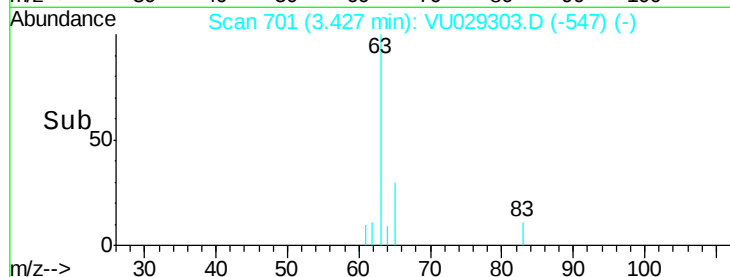
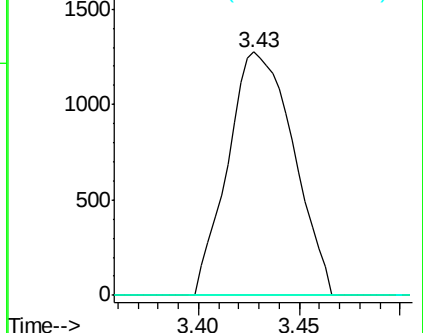
100 0.0 1.7 5.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#18

2-Butanone

Concen: 2.377 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.01 min

Lab File: VU029303.D

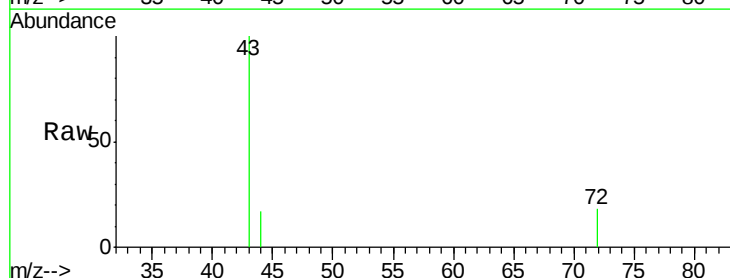
Acq: 29 Jan 2019 16:11

Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

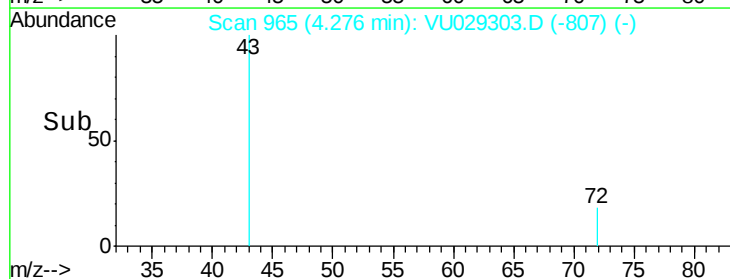
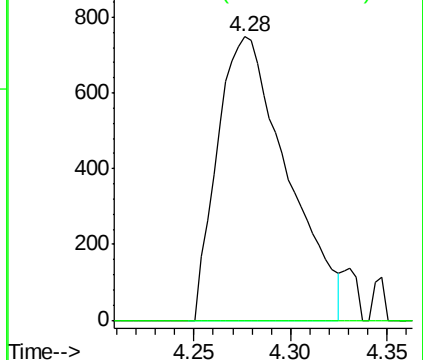
43 100

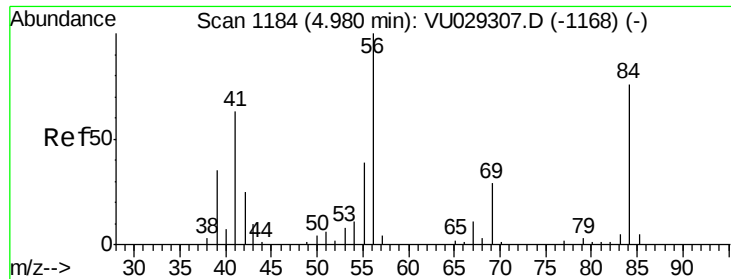
57 0.0 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 0.549 ug/l

RT: 4.98 min Scan# 1184

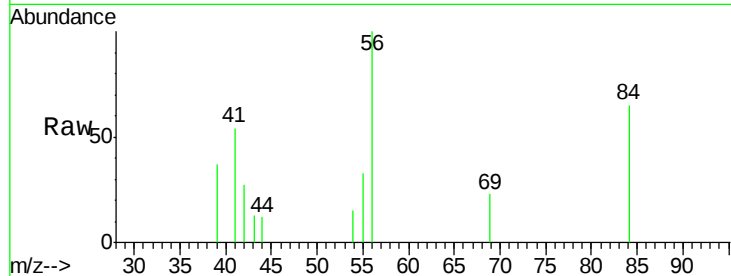
Delta R.T. -0.00 min

Lab File: VU029303.D

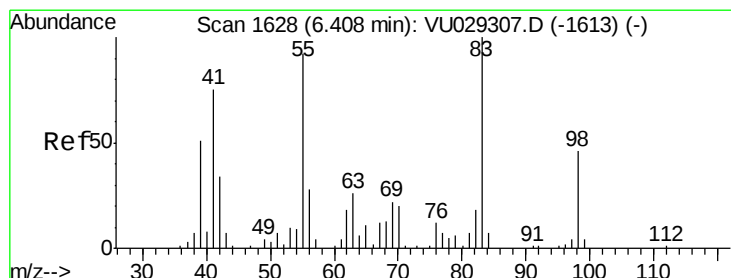
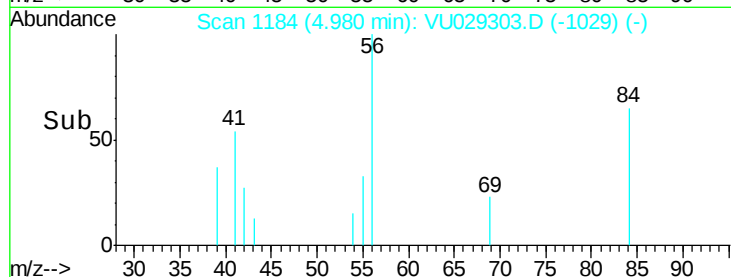
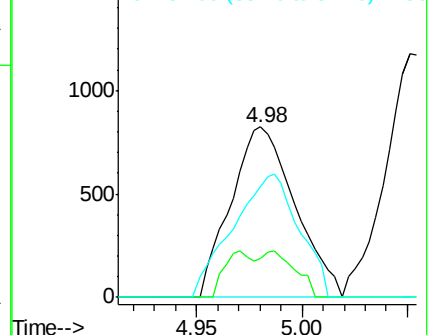
Acq: 29 Jan 2019 16:11

Tot Ion: 56 Resp: 1742

Ion	Ratio	Lower	Upper
56	100		
69	12.0	26.8	40.2#
84	74.4	71.5	107.3



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



#20

Methylcyclohexane

Concen: 0.446 ug/l

RT: 6.41 min Scan# 1628

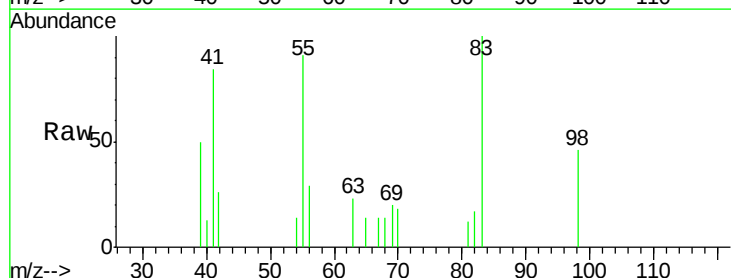
Delta R.T. -0.00 min

Lab File: VU029303.D

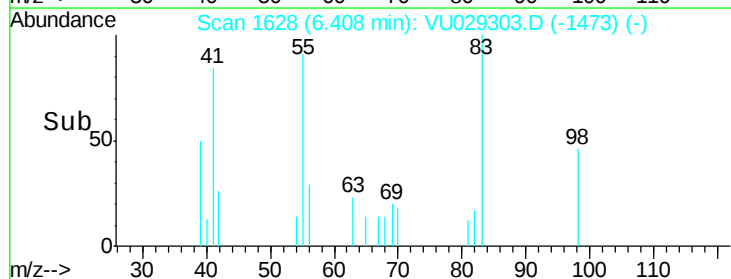
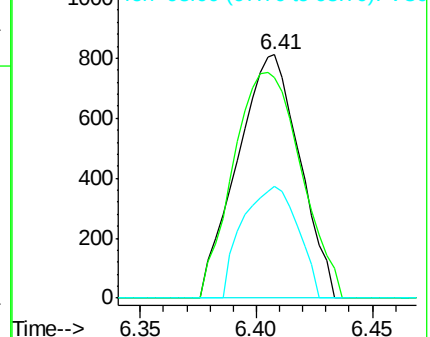
Acq: 29 Jan 2019 16:11

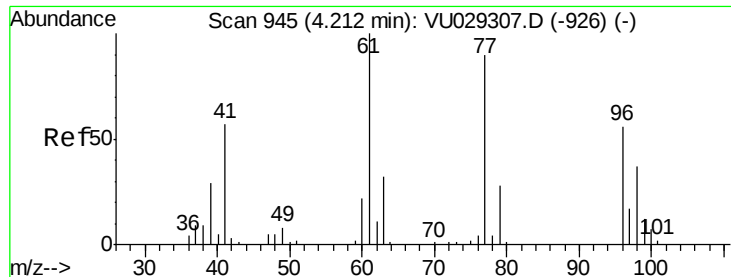
Tgt Ion: 83 Resp: 1513

Ion	Ratio	Lower	Upper
83	100		
55	101.3	72.4	108.6
98	40.8	36.6	54.8



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





#21

2,2-Dichloropropane

Concen: 0.520 ug/l

RT: 4.22 min Scan# 946

Delta R.T. 0.00 min

Lab File: VU029303.D

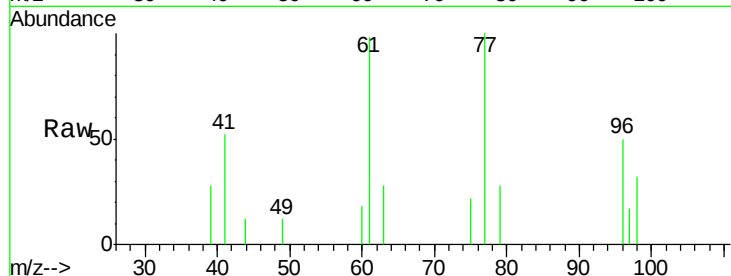
Acq: 29 Jan 2019 16:11

Tot Ion: 77 Resp: 2359

Ion Ratio Lower Upper

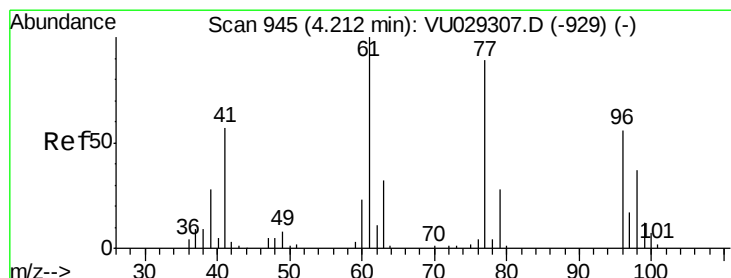
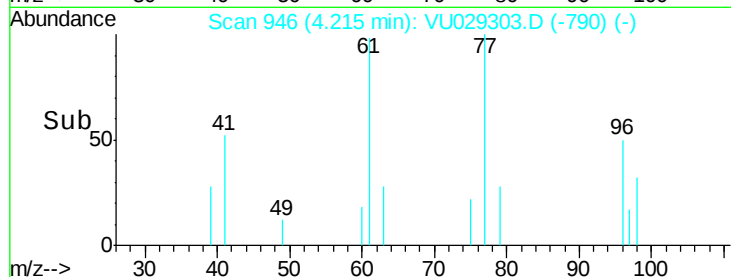
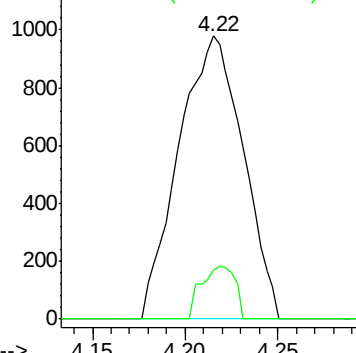
77 100

97 9.7 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.469 ug/l

RT: 4.22 min Scan# 948

Delta R.T. 0.01 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

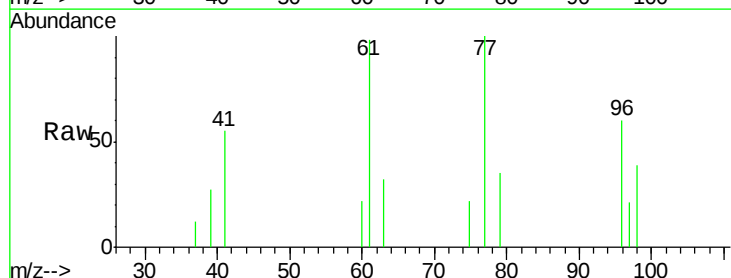
Tgt Ion: 96 Resp: 1144

Ion Ratio Lower Upper

96 100

61 197.3 0.0 460.0

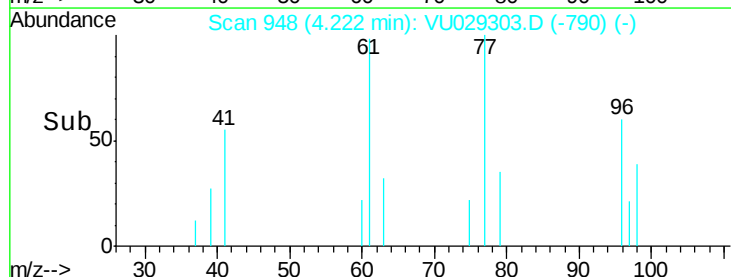
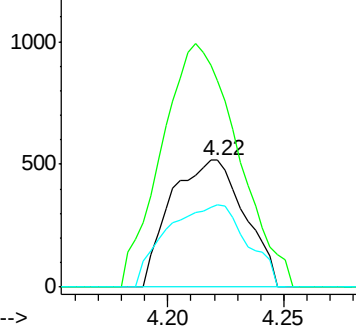
98 70.5 32.6 97.7

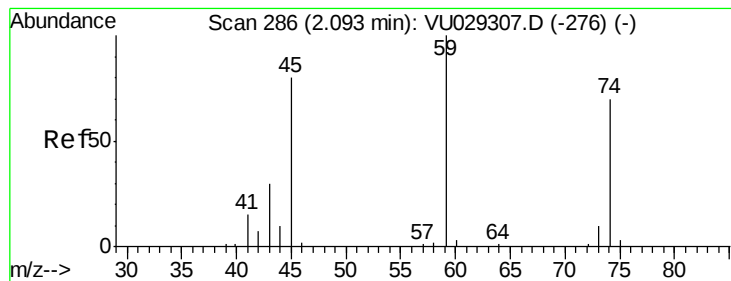


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 0.546 ug/l

RT: 2.09 min Scan# 286

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

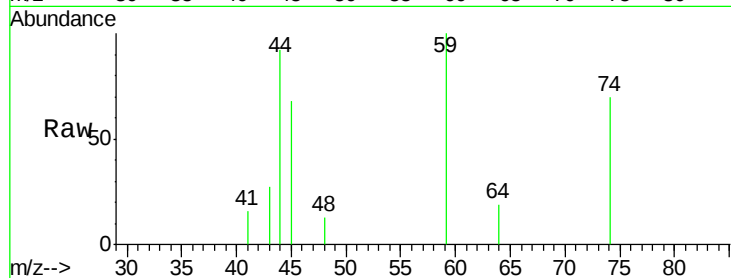
Tot Ion: 59 Resp: 1131

Ion	Ratio	Lower	Upper
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59	100		
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45	83.6	64.2	96.4
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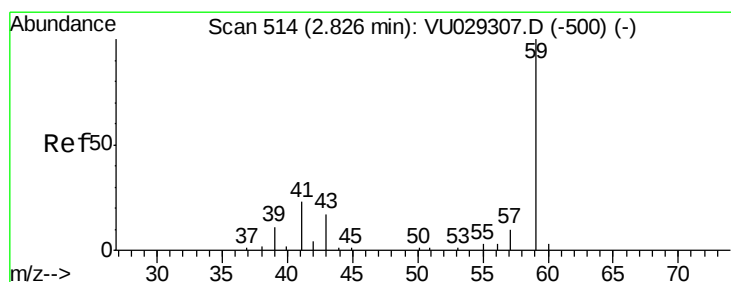
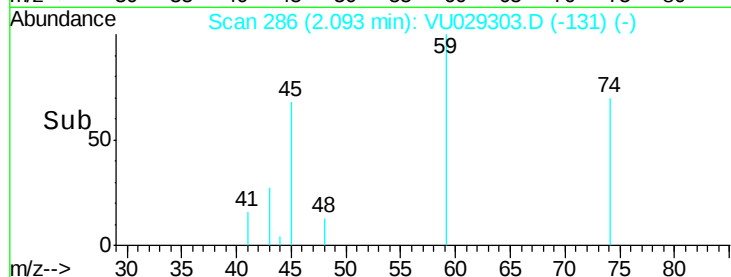
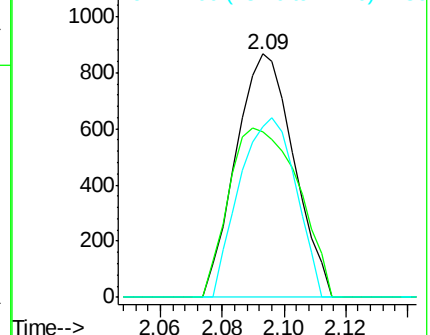
74	71.8	55.3	82.9
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Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 4.869 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.00 min

Lab File: VU029303.D

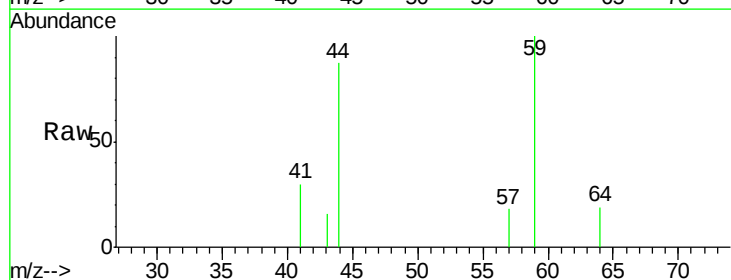
Acq: 29 Jan 2019 16:11

Tgt Ion: 59 Resp: 1263

Ion	Ratio	Lower	Upper
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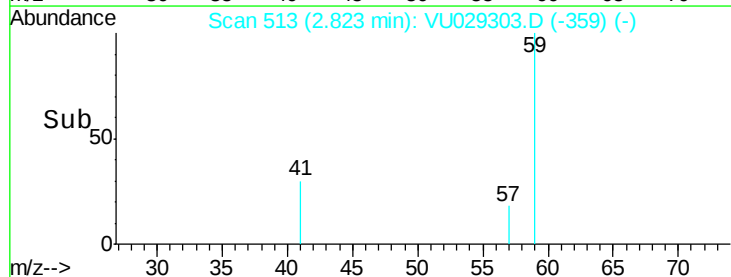
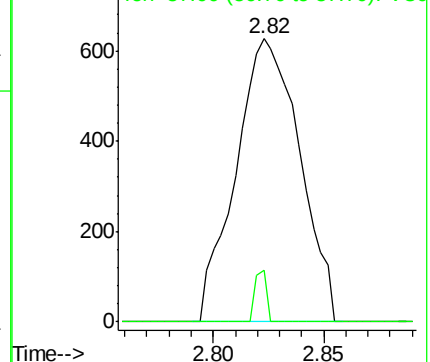
59	100		
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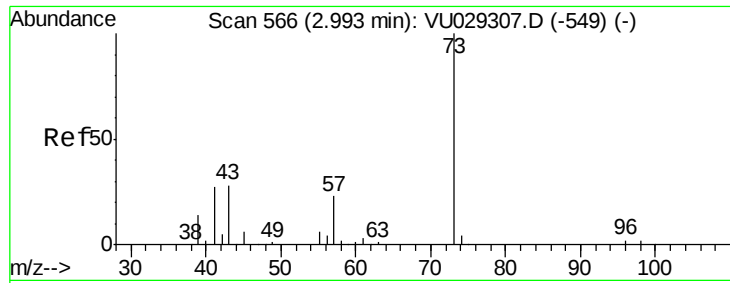
57	3.3	8.8	13.2#
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Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

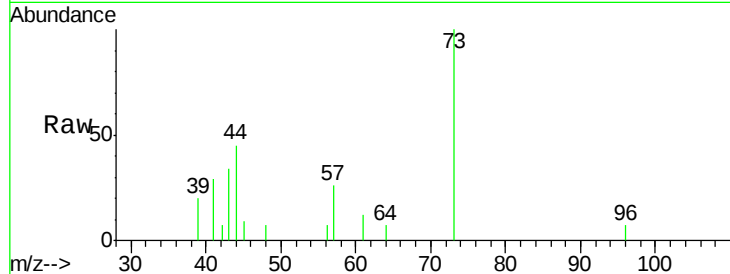
Methyl tert-Butyl Ether
 Concen: 0.492 ug/l
 RT: 2.99 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tot Ion: 73 Resp: 3437

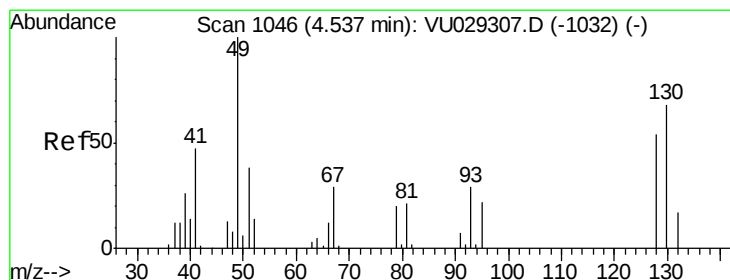
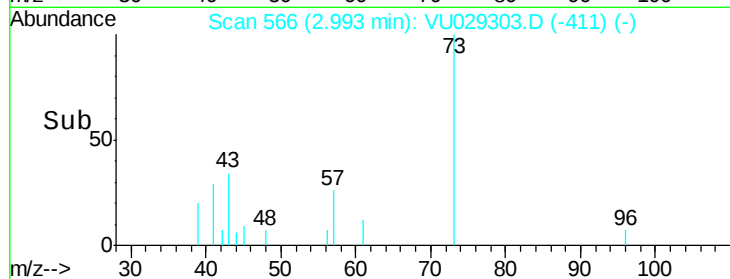
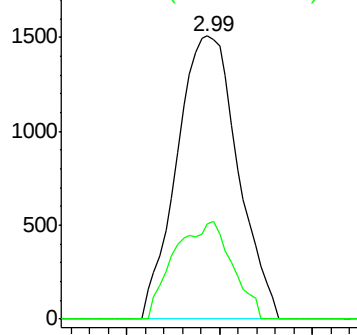
Ion Ratio Lower Upper

73 100

43 32.7 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: 0.408 ug/l
 RT: 4.54 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

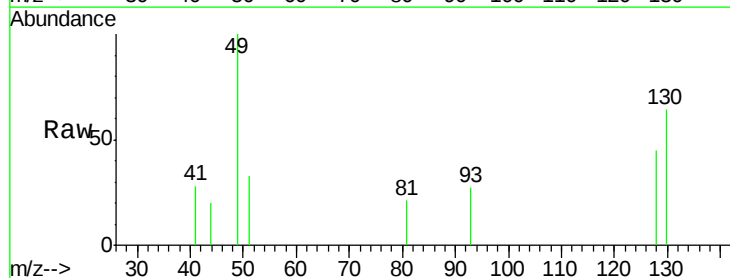
Tgt Ion: 128 Resp: 407

Ion Ratio Lower Upper

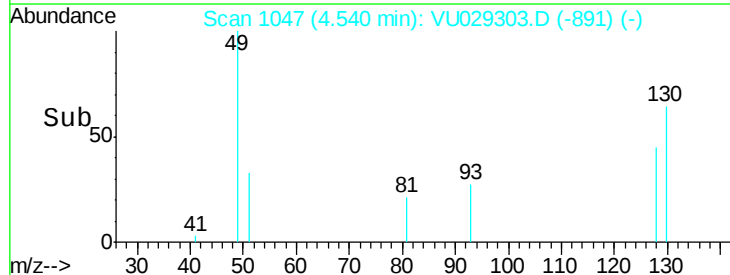
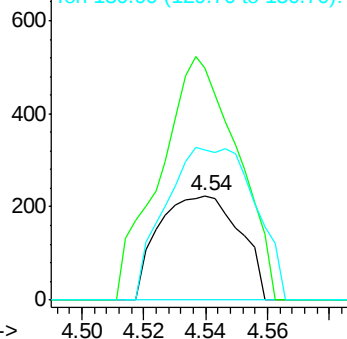
128 100

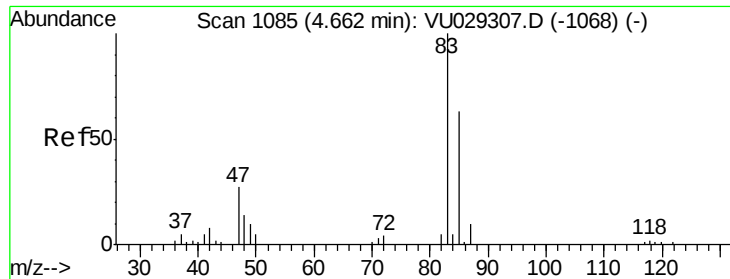
49 223.8 0.0 401.6

130 160.7 108.0 162.0



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: 0.488 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VU029303.D

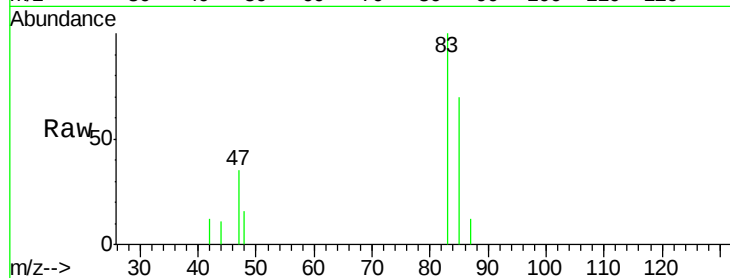
Acq: 29 Jan 2019 16:11

Tot Ion: 83 Resp: 2450

Ion Ratio Lower Upper

83 100

85 69.8 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

1200

1000

800

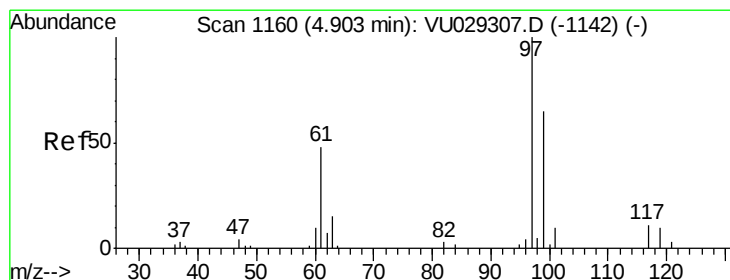
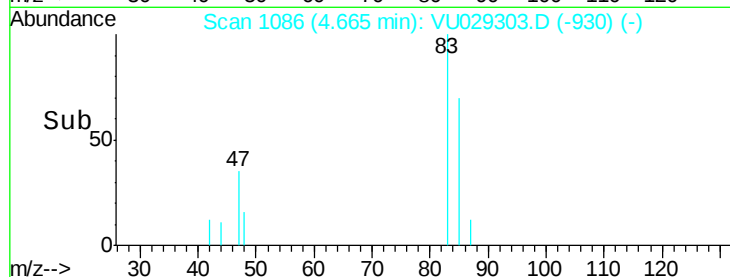
600

400

200

0

Time-->



#28

1,1,1-Trichloroethane

Concen: 0.480 ug/l

RT: 4.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

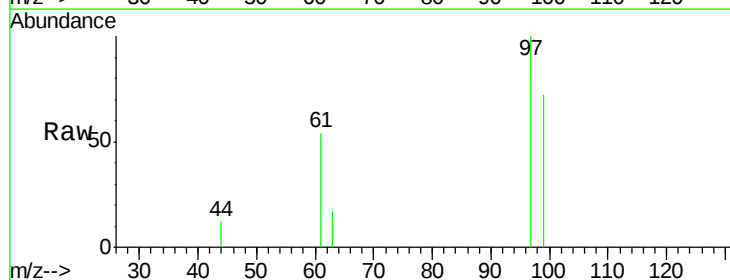
Tgt Ion: 97 Resp: 2253

Ion Ratio Lower Upper

97 100

99 67.7 32.4 97.2

61 46.0 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

1200

1000

800

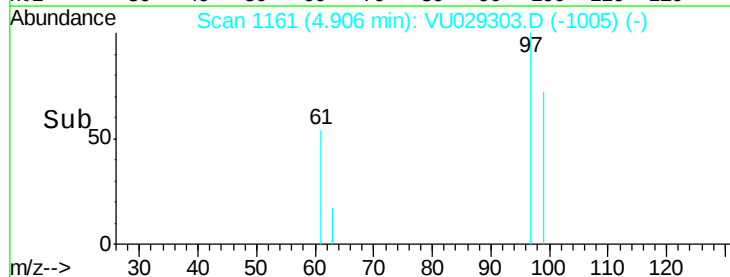
600

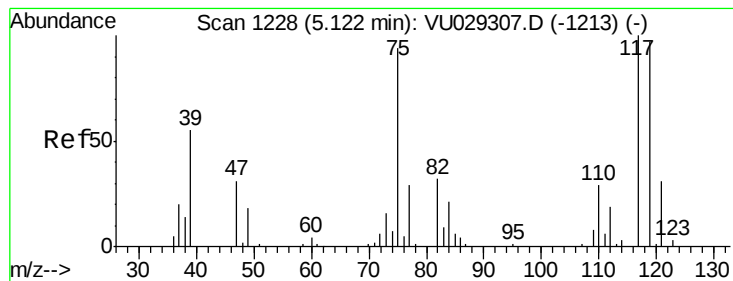
400

200

0

Time-->





#29

1,1-Dichloropropene

Concen: 0.464 ug/l

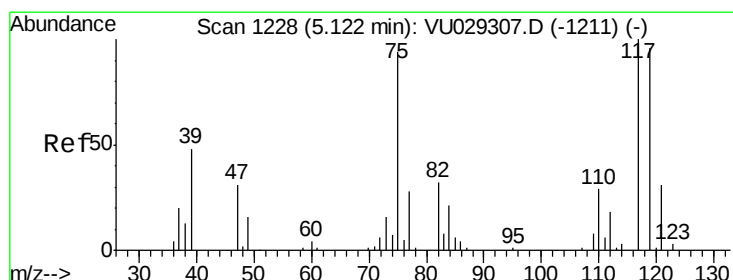
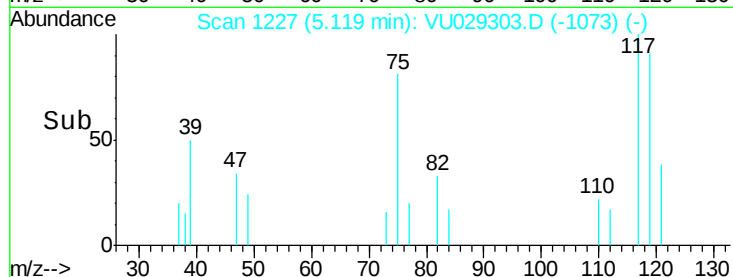
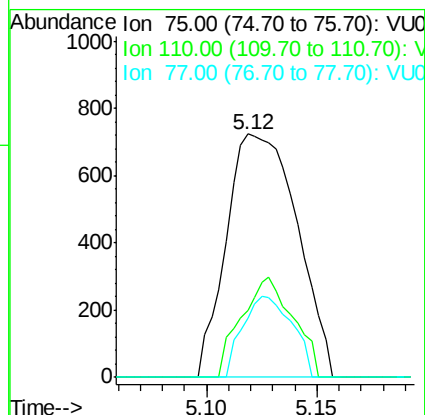
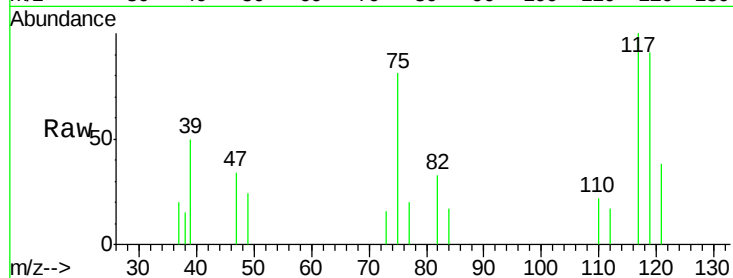
RT: 5.12 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tot Ion:	75	Resp:	1605
Ion	Ratio	Lower	Upper
75	100		
110	30.2	15.4	46.2
77	23.4	24.1	36.1#



#30

Carbon Tetrachloride

Concen: 0.508 ug/l

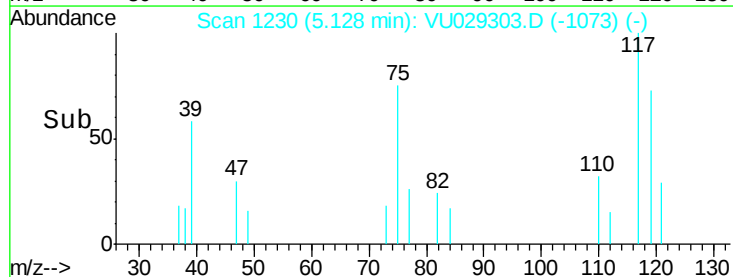
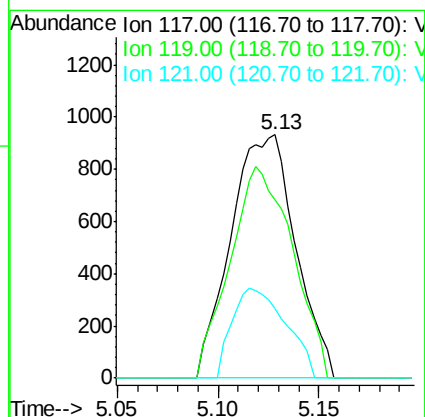
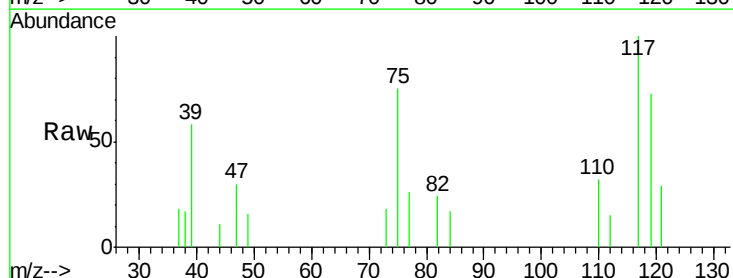
RT: 5.13 min Scan# 1230

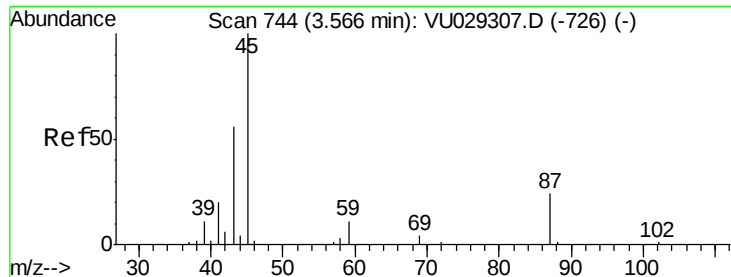
Delta R.T. 0.01 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tgt Ion:	117	Resp:	2082
Ion	Ratio	Lower	Upper
117	100		
119	73.4	76.8	115.2#
121	28.5	24.4	36.6





#31

Isopropyl Ether

Concen: 0.515 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029303.D

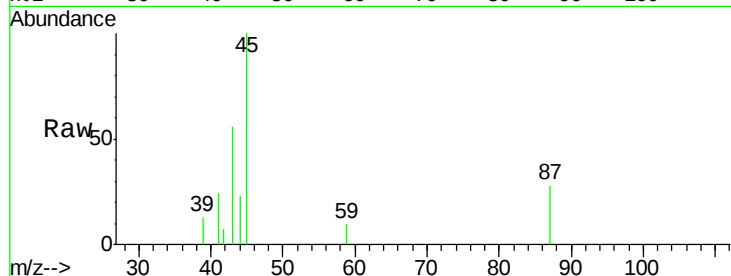
Acq: 29 Jan 2019 16:11

Tot Ion: 45 Resp: 3779

Ion Ratio Lower Upper

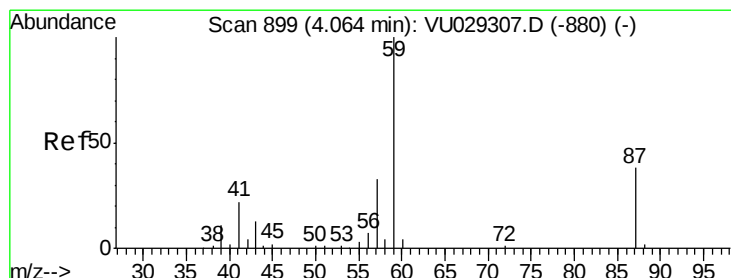
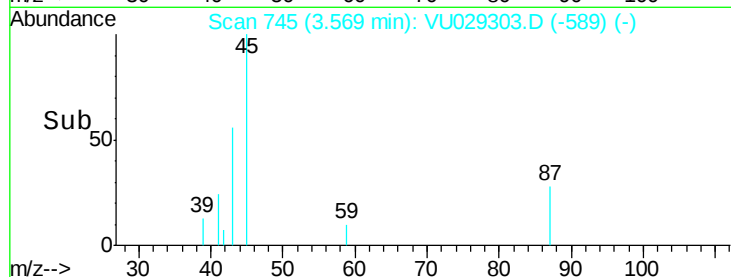
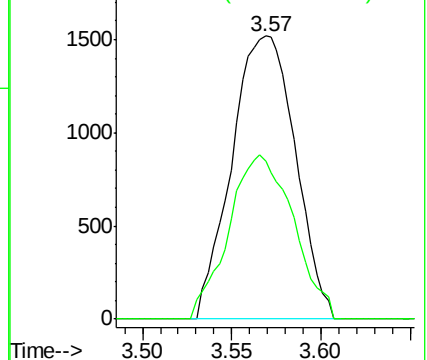
45 100

43 58.9 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU029303.D (-589) (-)

Ion 43.00 (42.70 to 43.70): VU029303.D (-589) (-)



#32

Ethyl-t-butyl ether

Concen: 0.514 ug/l

RT: 4.06 min Scan# 899

Delta R.T. -0.00 min

Lab File: VU029303.D

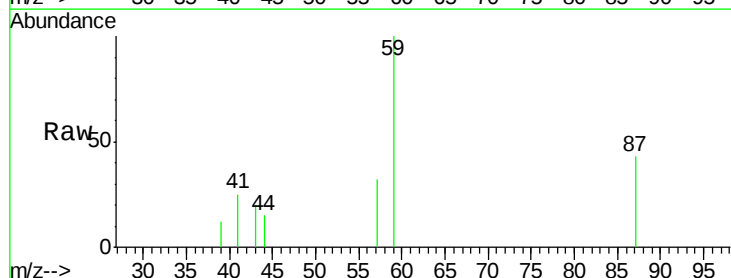
Acq: 29 Jan 2019 16:11

Tgt Ion: 59 Resp: 3465

Ion Ratio Lower Upper

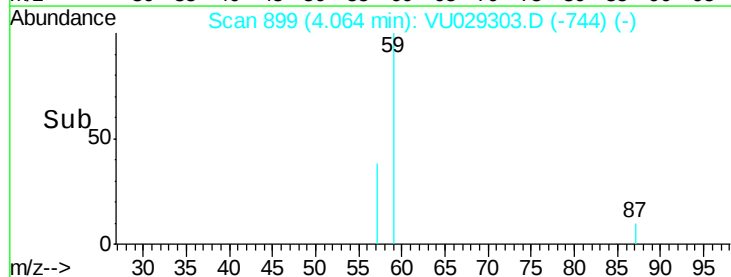
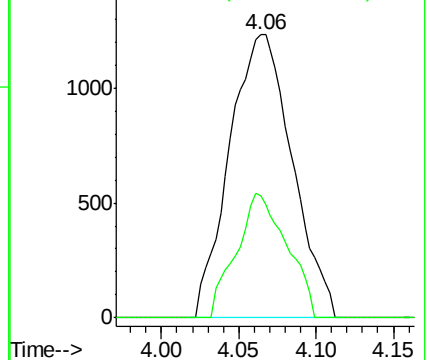
59 100

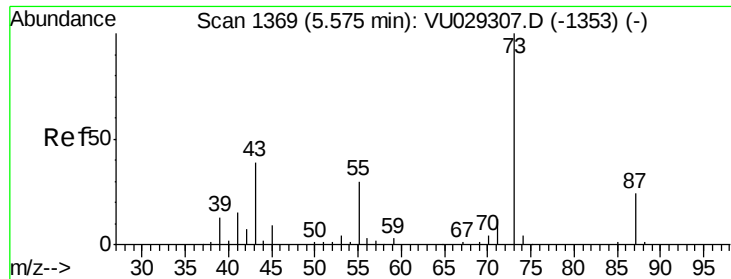
87 35.5 31.1 46.7



Abundance Ion 59.00 (58.70 to 59.70): VU029303.D (-744) (-)

Ion 87.00 (86.70 to 87.70): VU029303.D (-744) (-)

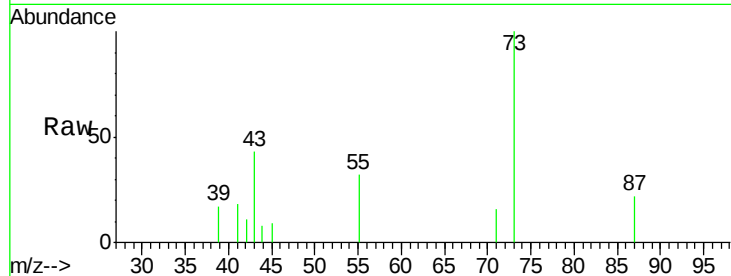




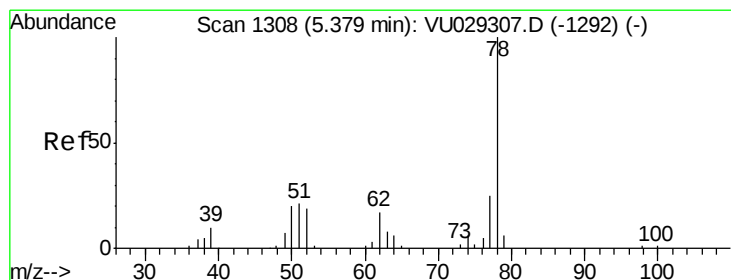
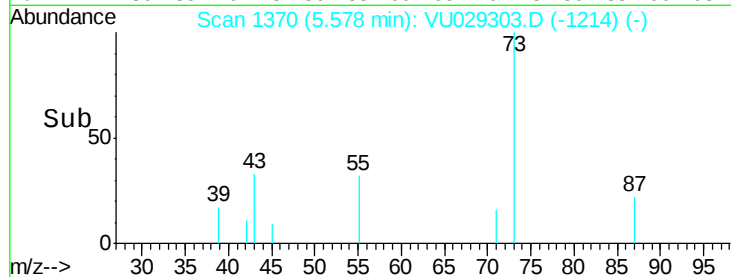
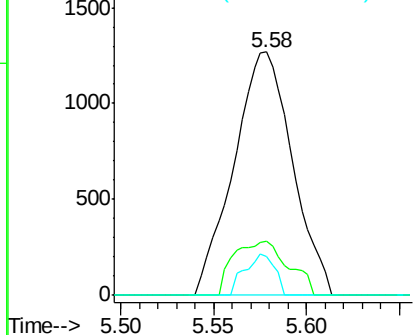
#33

Tert-Butyl methyl ether
Concen: 0.488 ug/l
RT: 5.58 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion	Ratio	Lower	Upper
73	100		
87	20.8	19.4	29.0
71	8.7	9.0	13.4



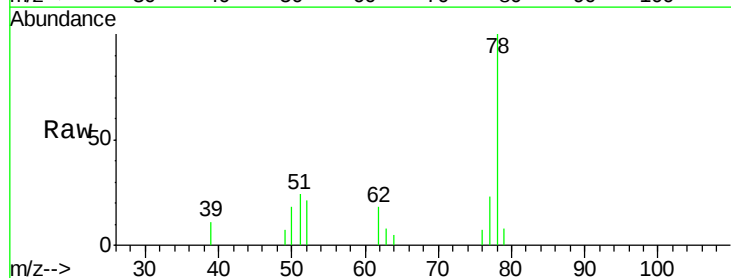
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



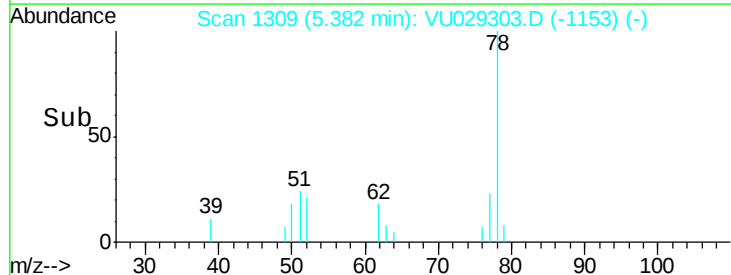
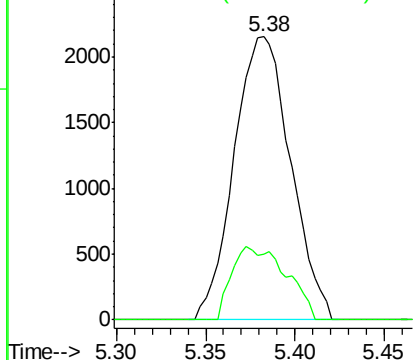
#35

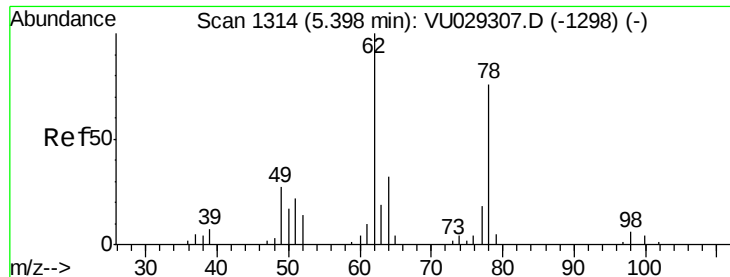
Benzene
Concen: 0.501 ug/l
RT: 5.38 min Scan# 1309
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8



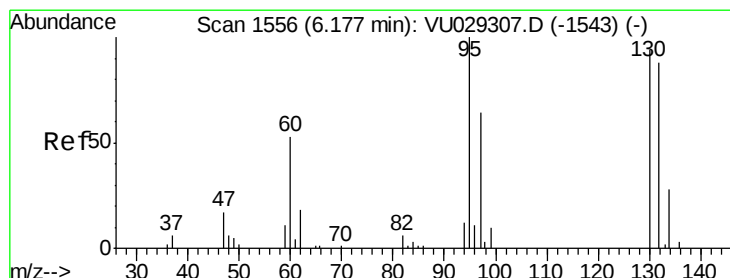
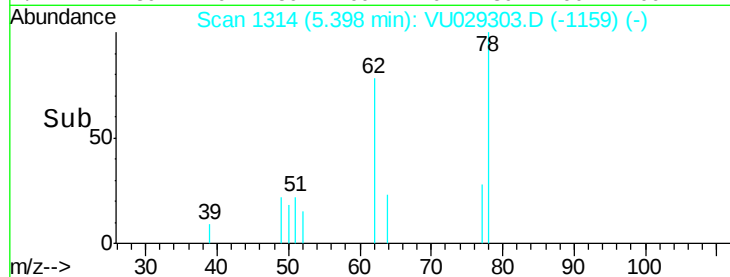
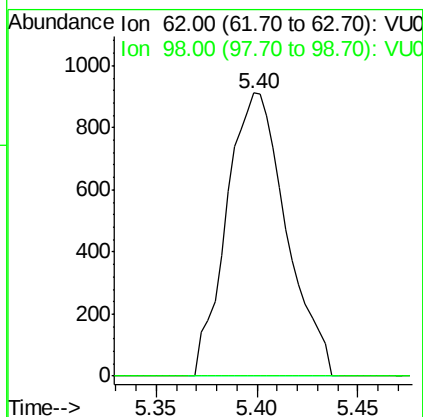
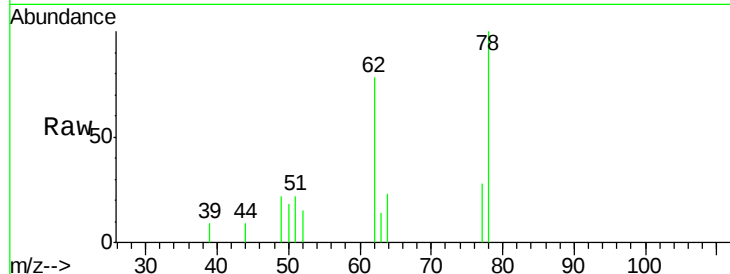
Abundance Ion 78.10 (77.80 to 78.80): VU0
Ion 77.00 (76.70 to 77.70): VU0





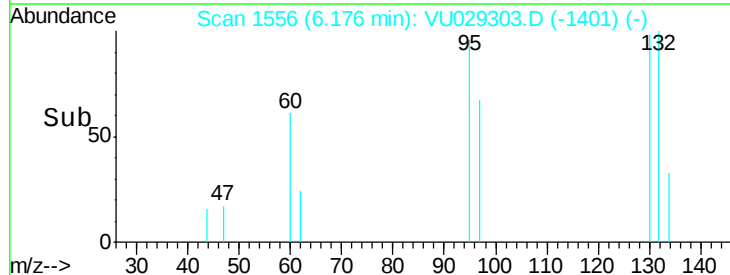
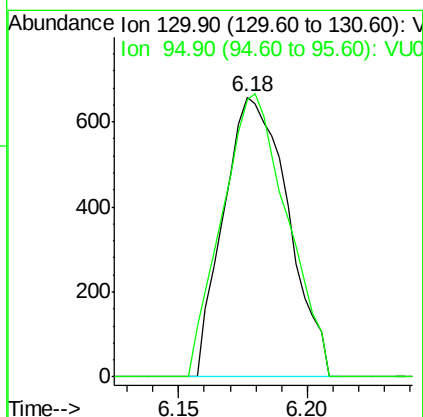
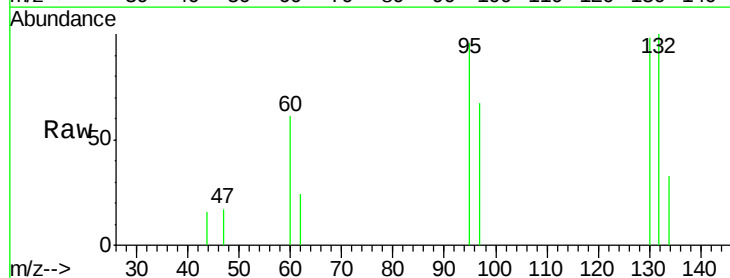
#36
 1,2-Dichloroethane
 Concen: 0.478 ug/l
 RT: 5.40 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

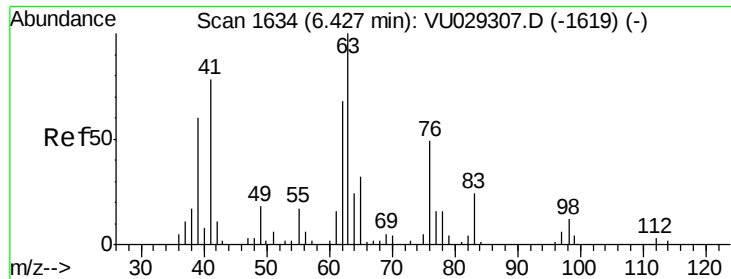
Tot Ion: 62.00 Resp: 1881
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.9 7.3#



#37
 Trichloroethene
 Concen: 0.479 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

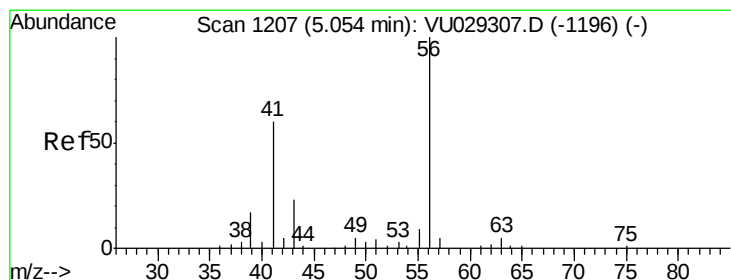
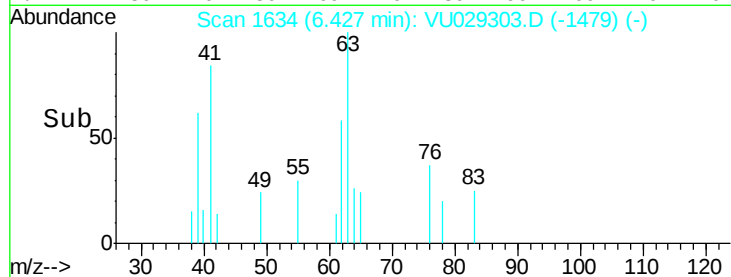
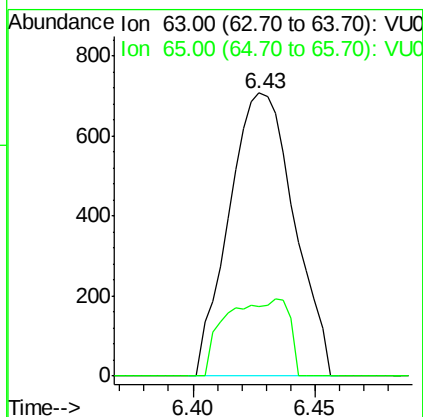
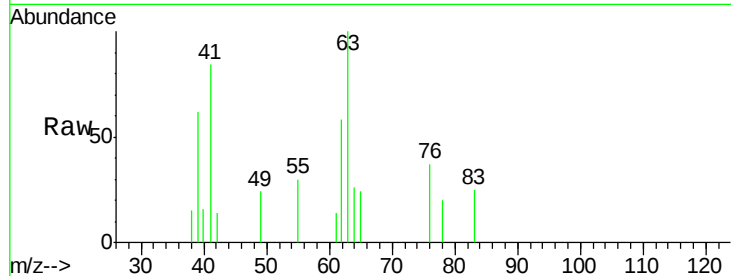
Tgt Ion: 130 Resp: 1146
 Ion Ratio Lower Upper
 130 100
 95 98.8 85.4 128.0





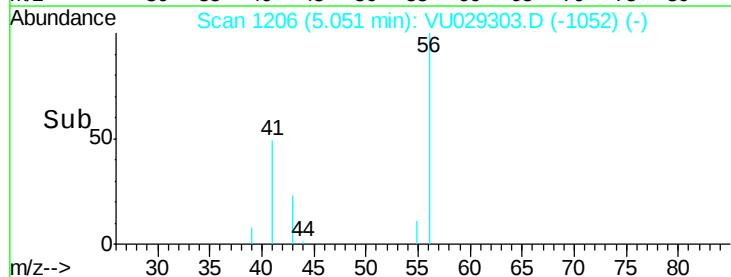
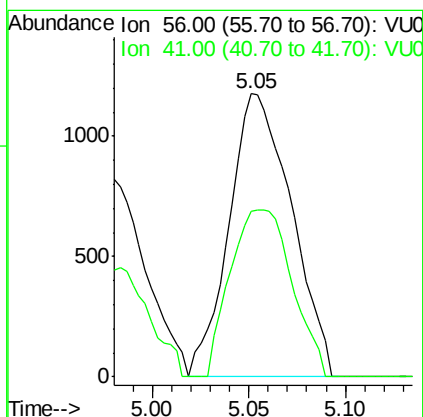
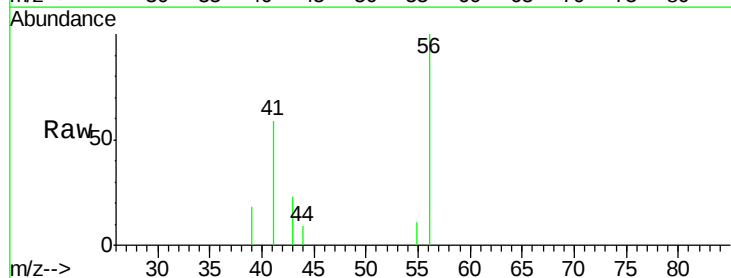
#38
 1,2-Dichloropropane
 Concen: 0.502 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

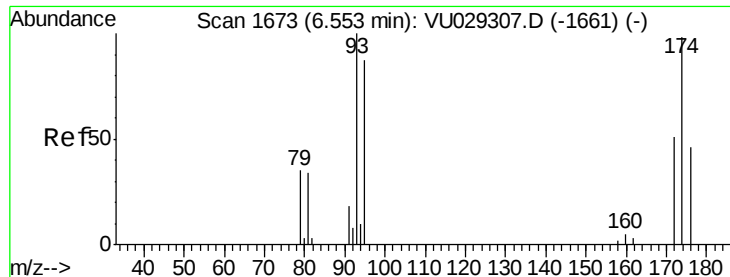
Tot Ion: 63 Resp: 1305
 Ion Ratio Lower Upper
 63 100
 65 24.5 25.5 38.3#



#42
 1-Chlorobutane
 Concen: 0.499 ug/l
 RT: 5.05 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tgt Ion: 56 Resp: 2644
 Ion Ratio Lower Upper
 56 100
 41 58.5 31.3 93.8





#43

Dibromomethane

Concen: 0.475 ug/l

RT: 6.55 min Scan# 1673

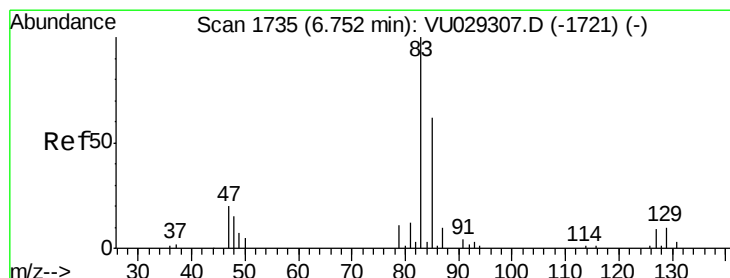
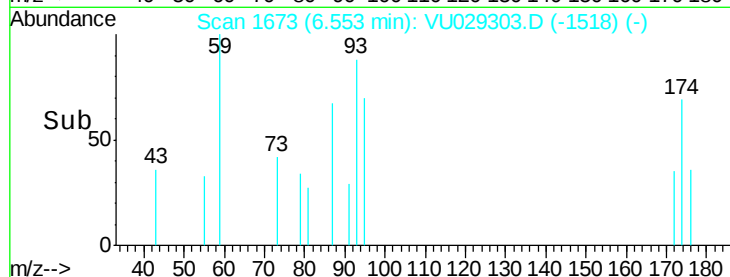
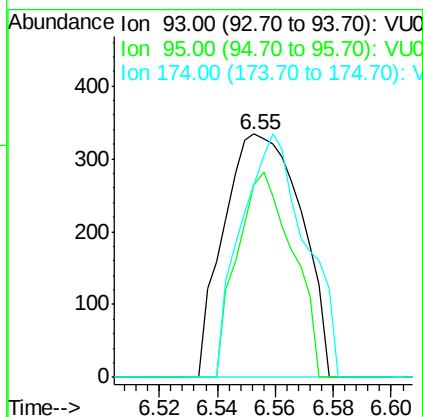
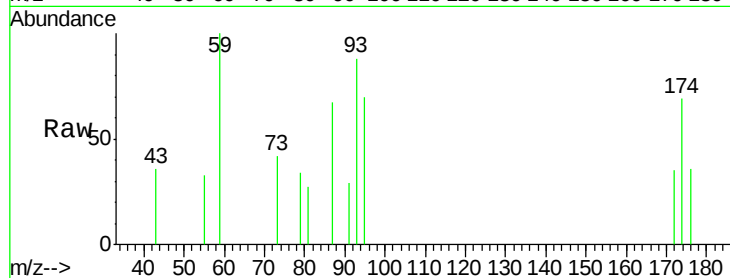
Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tot Ion: 93 Resp: 617

Ion	Ratio	Lower	Upper
93	100		
95	60.5	68.2	102.2#
174	83.0	77.6	116.4



#44

Bromodichloromethane

Concen: 0.502 ug/l

RT: 6.75 min Scan# 1735

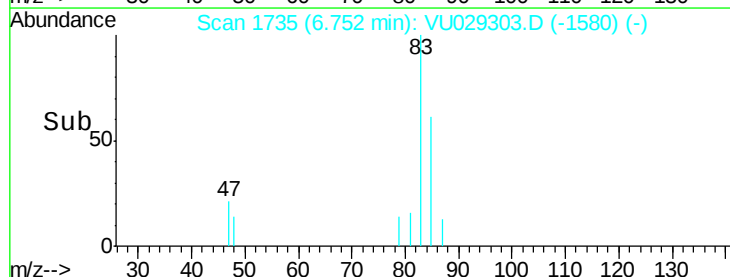
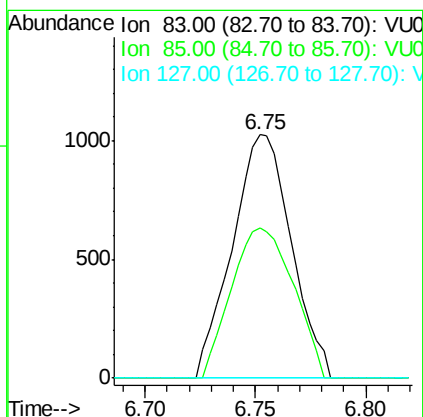
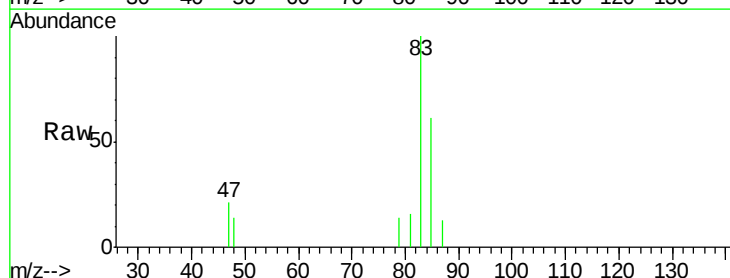
Delta R.T. -0.00 min

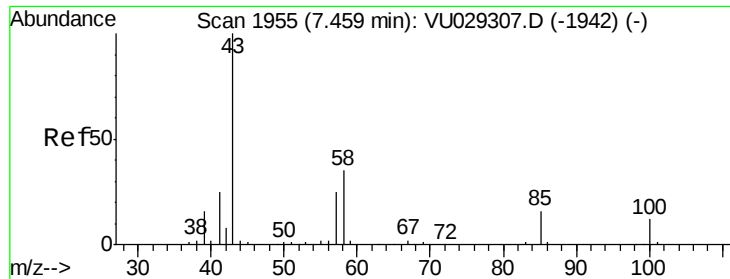
Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tgt Ion: 83 Resp: 1896

Ion	Ratio	Lower	Upper
83	100		
85	61.5	49.2	73.8
127	0.0	7.0	10.6#





#45

4-Methyl-2-Pentanone

Concen: 2.184 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

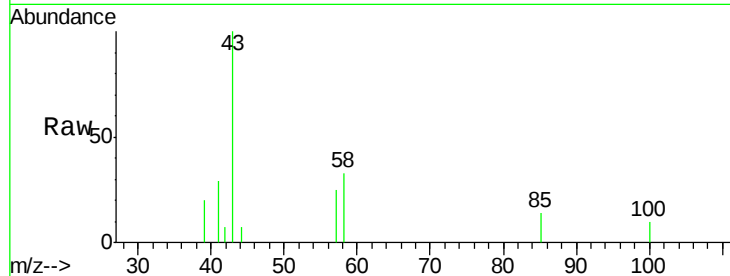
Tot Ion: 43 Resp: 3920

Ion Ratio Lower Upper

43 100

58 31.3 17.6 52.8

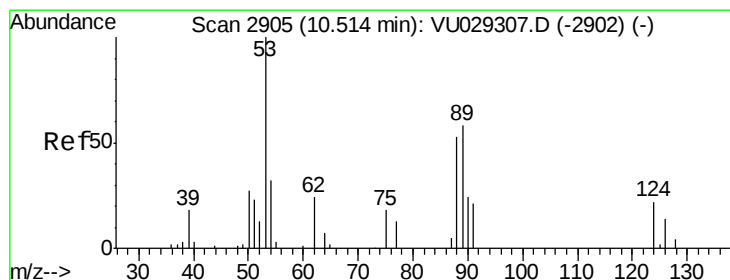
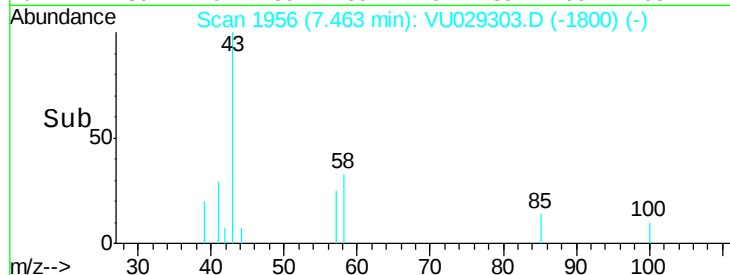
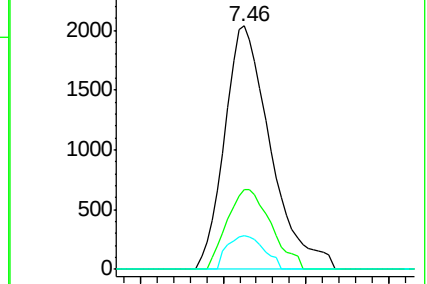
85 11.0 12.3 18.5#



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: 0.739 ug/l m

RT: 10.52 min Scan# 2908

Delta R.T. 0.01 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

Tgt Ion: 75 Resp: 447

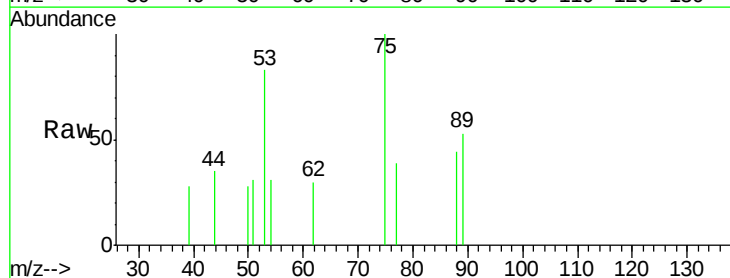
Ion Ratio Lower Upper

75 100

53 125.3 78.2 117.4#

89 70.9 44.2 66.4#

88 53.0 41.4 62.2

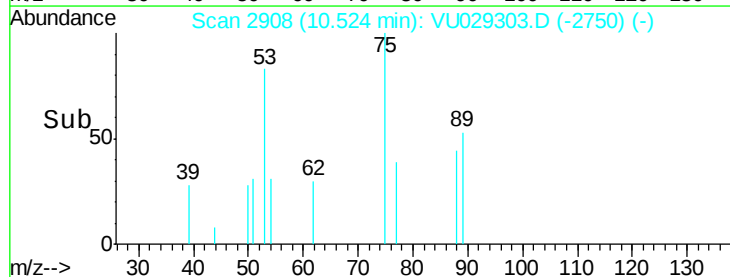
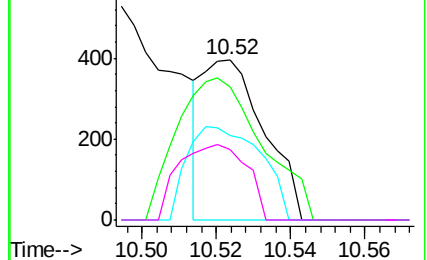


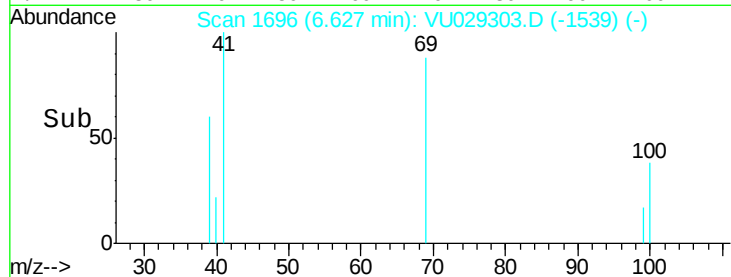
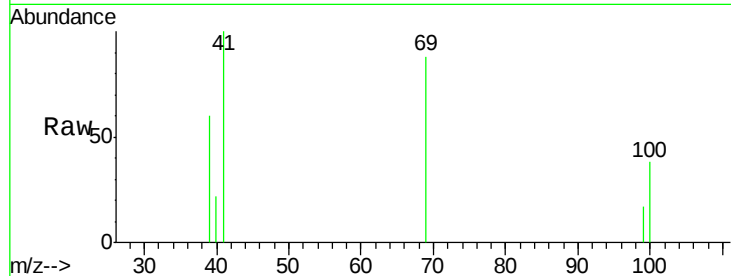
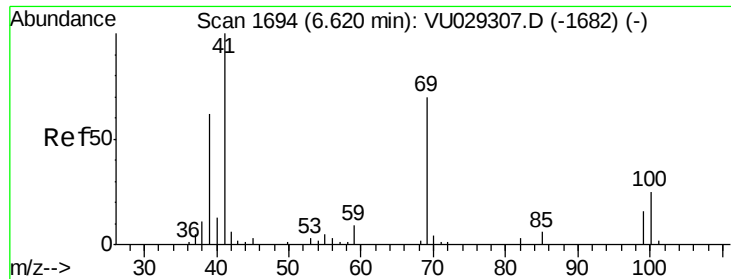
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

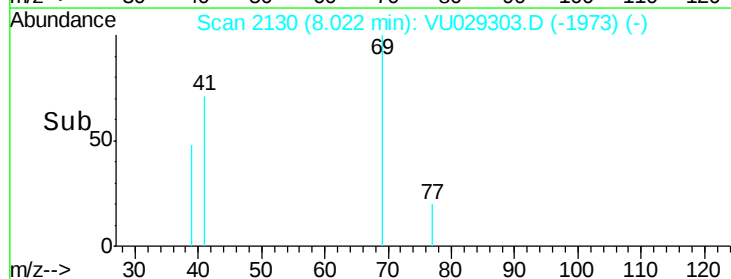
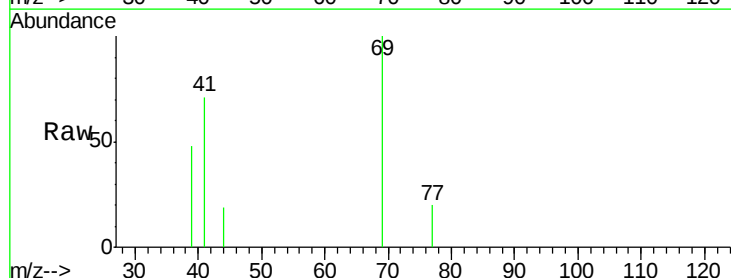
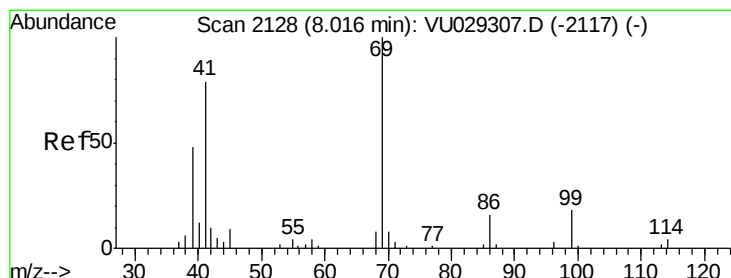
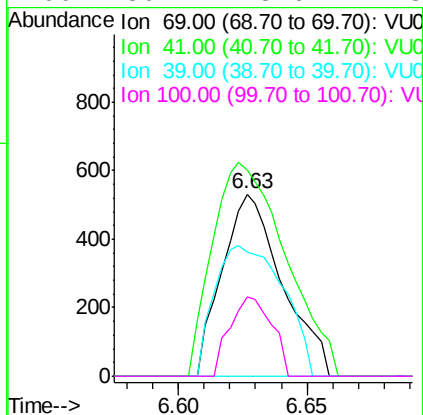
Ion 87.80 (87.50 to 88.50): VU0





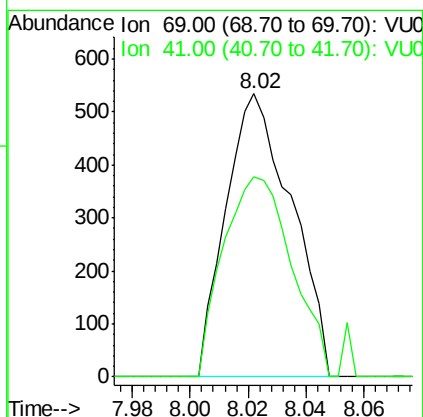
#47
Methyl methacrylate
Concen: 0.786 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

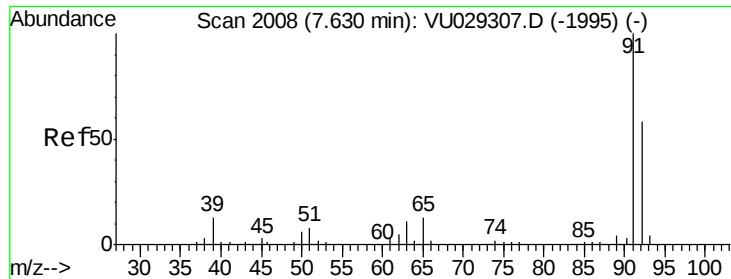
Tot Ion: 69 Resp: 862
Ion Ratio Lower Upper
69 100
41 143.0 0.0 296.2
39 81.8 71.2 106.8
100 30.4 28.6 42.8



#48
Ethyl methacrylate
Concen: 0.401 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.01 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion: 69 Resp: 838
Ion Ratio Lower Upper
69 100
41 74.0 39.9 119.7





#49

Toluene

Concen: 0.463 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VU029303.D

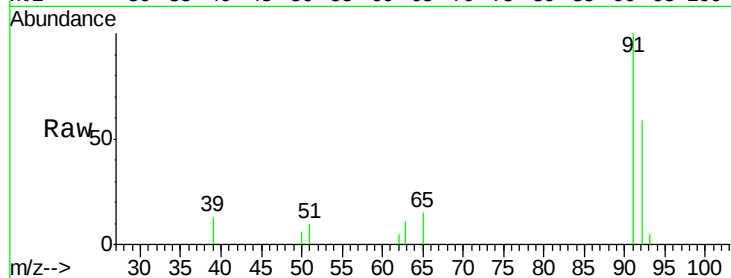
Acq: 29 Jan 2019 16:11

Tot Ion: 92 Resp: 2556

Ion Ratio Lower Upper

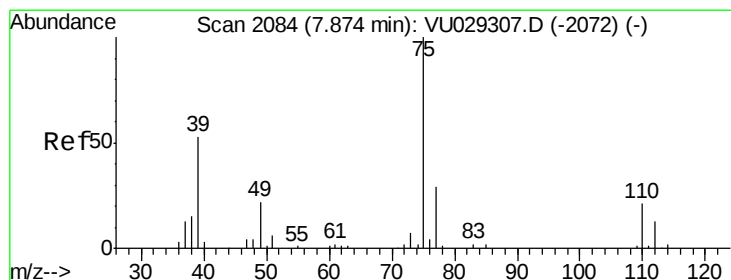
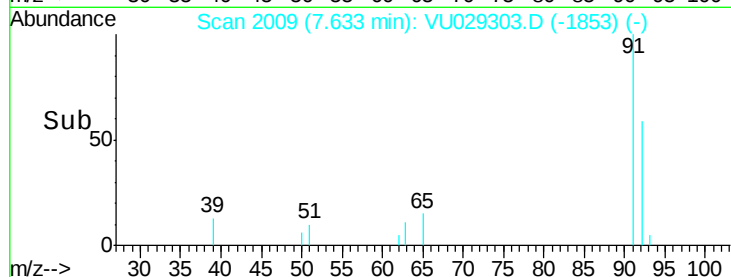
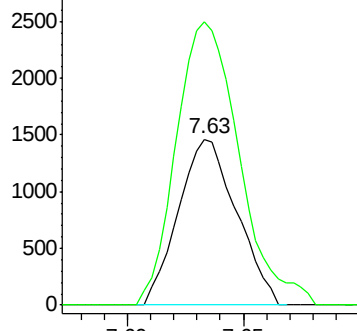
92 100

91 184.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 0.443 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.01 min

Lab File: VU029303.D

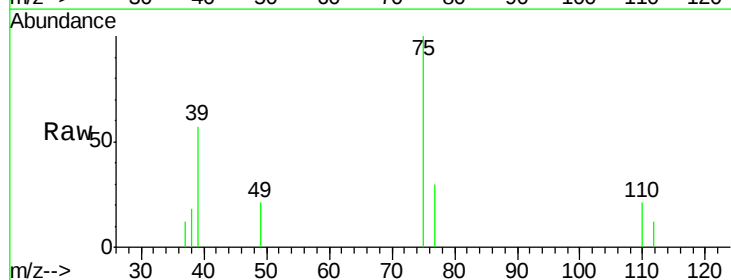
Acq: 29 Jan 2019 16:11

Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

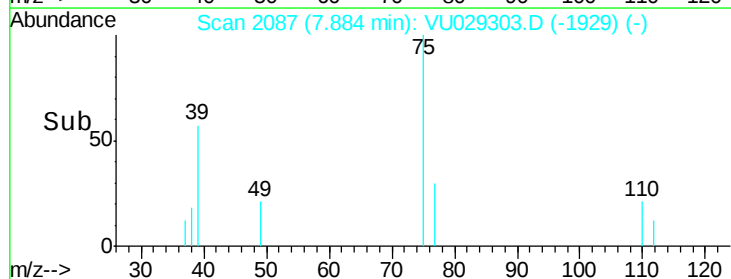
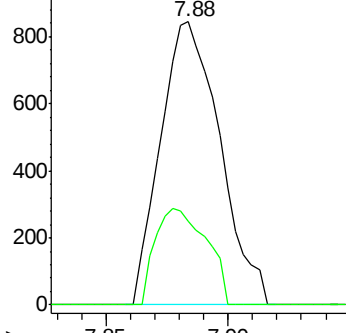
75 100

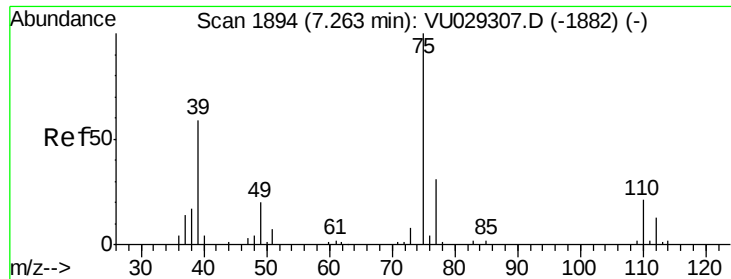
77 29.7 23.6 35.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

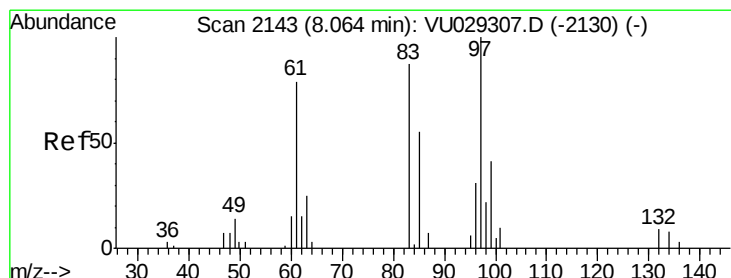
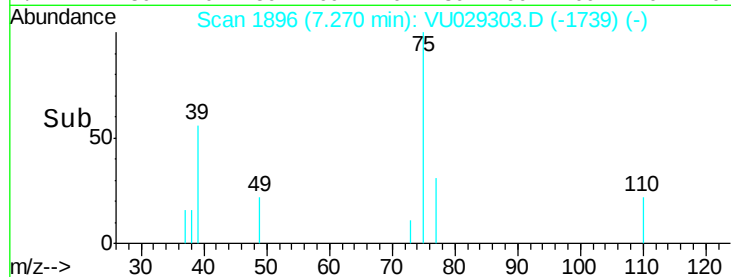
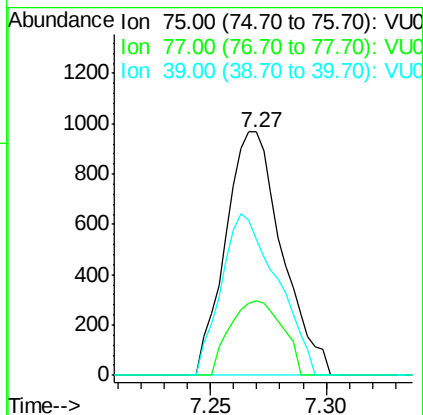
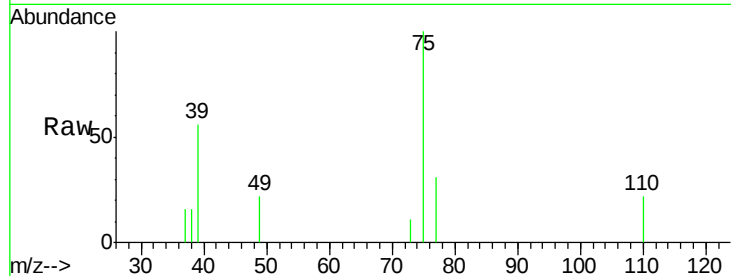




#51

cis-1,3-Dichloropropene
 Concen: 0.458 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

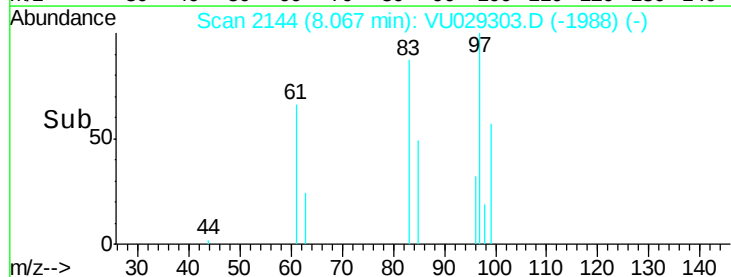
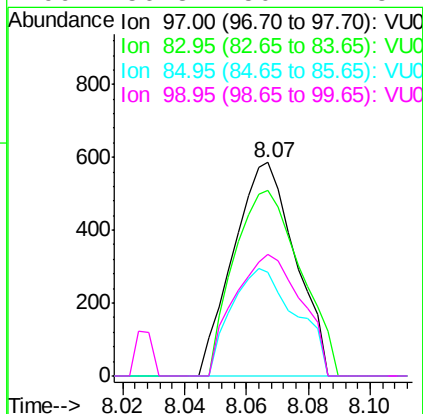
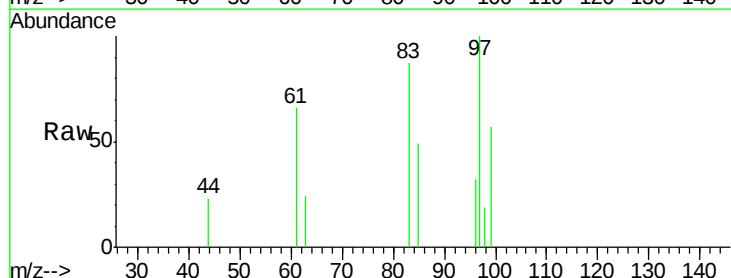
Tot Ion	75	Resp	1631
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.9	37.3
39	56.1	47.2	70.8

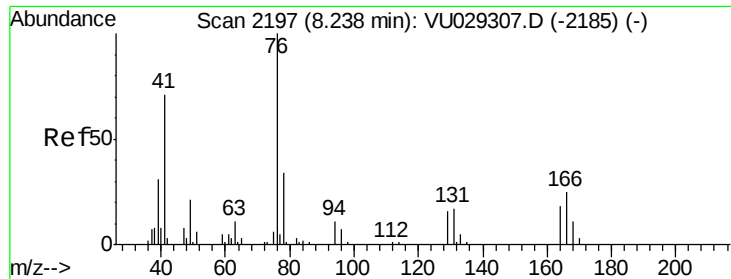


#52

1,1,2-Trichloroethane
 Concen: 0.479 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tgt Ion	97	Resp	815
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.9	104.9
85	48.6	45.8	68.6
99	56.8	50.2	75.2





#53

1,3-Dichloropropane

Concen: 0.481 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU029303.D

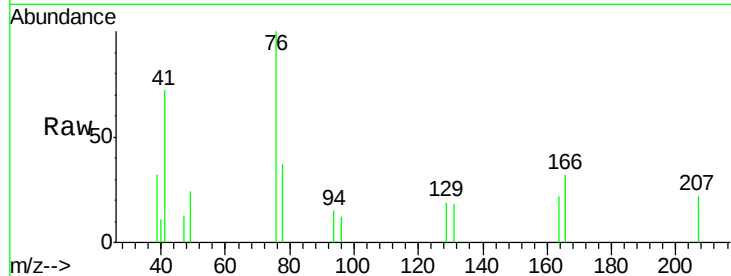
Acq: 29 Jan 2019 16:11

Tot Ion: 76 Resp: 1534

Ion Ratio Lower Upper

76 100

78 31.2 26.3 39.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

8.24

1000

800

600

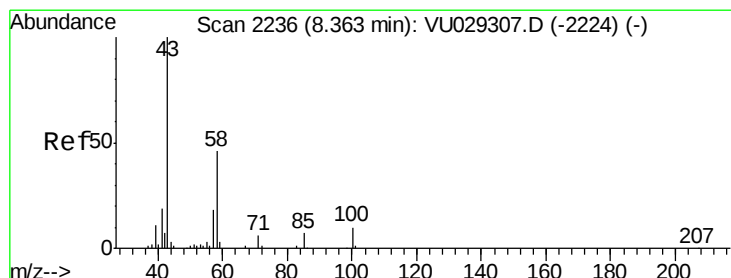
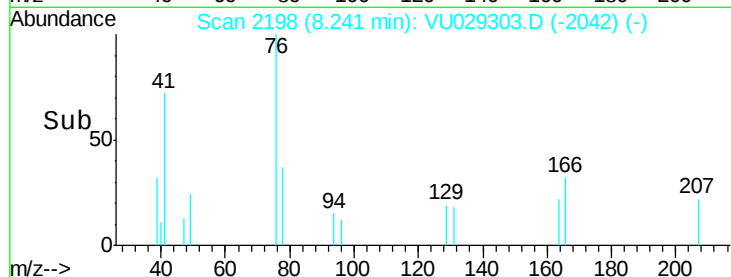
400

200

0

8.20 8.25 8.30

Time-->



#54

2-Hexanone

Concen: 2.257 ug/l

RT: 8.37 min Scan# 2239

Delta R.T. 0.01 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

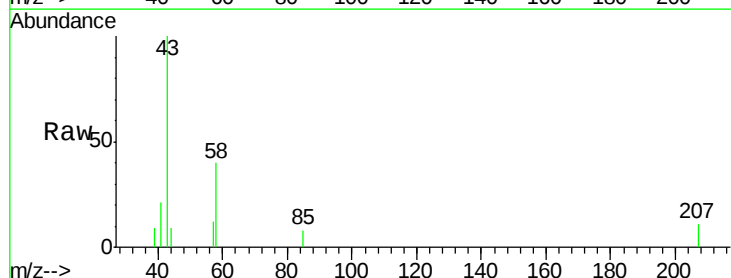
Tgt Ion: 43 Resp: 2867

Ion Ratio Lower Upper

43 100

58 36.6 26.0 66.0

57 10.2 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

2000

1500

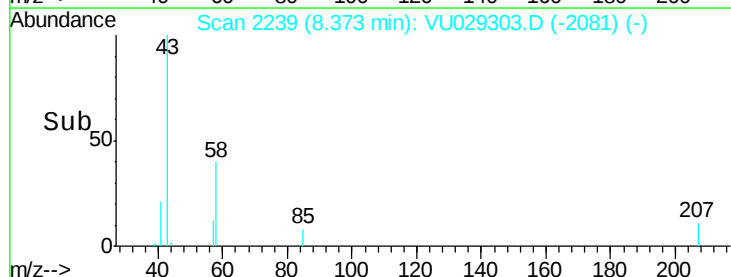
1000

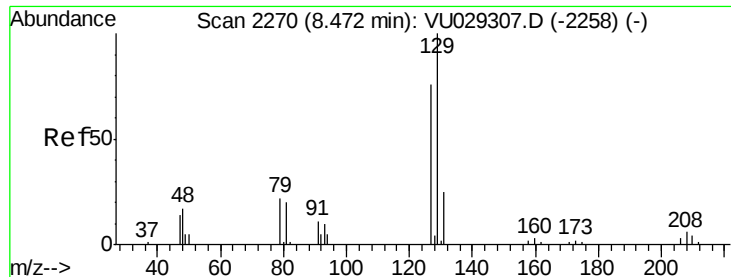
500

0

8.30 8.35 8.40 8.45

Time-->





#55

Dibromochloromethane

Concen: 0.457 ug/l

RT: 8.48 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VU029303.D

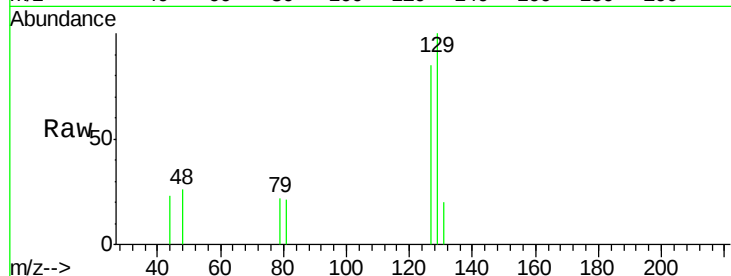
Acq: 29 Jan 2019 16:11

Tot Ion:129 Resp: 1048

Ion Ratio Lower Upper

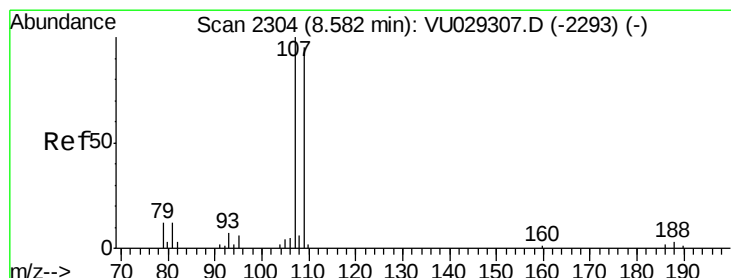
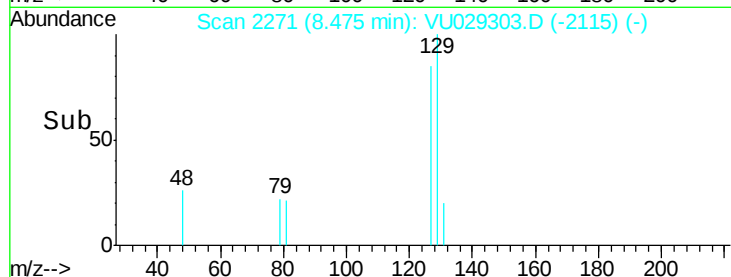
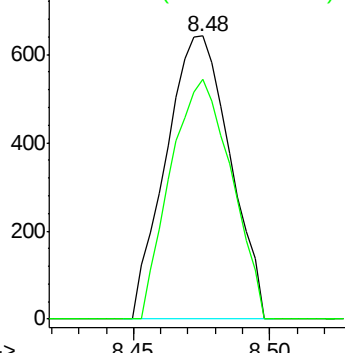
129 100

127 80.5 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.456 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029303.D

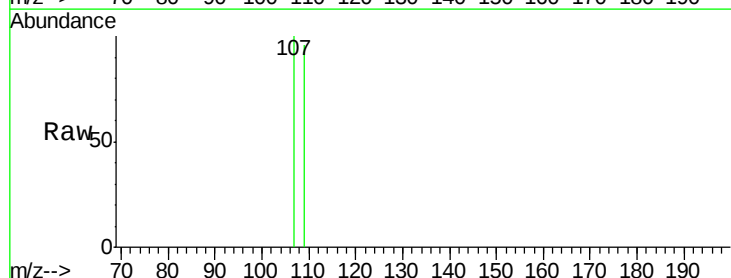
Acq: 29 Jan 2019 16:11

Tgt Ion:107 Resp: 713

Ion Ratio Lower Upper

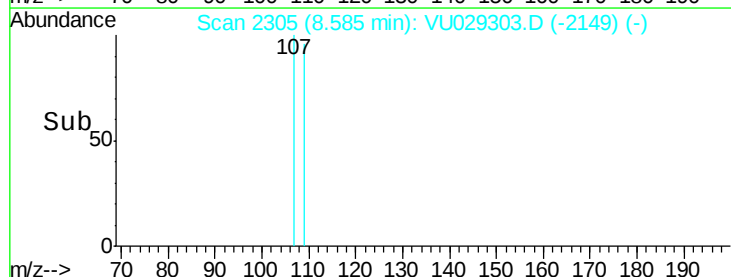
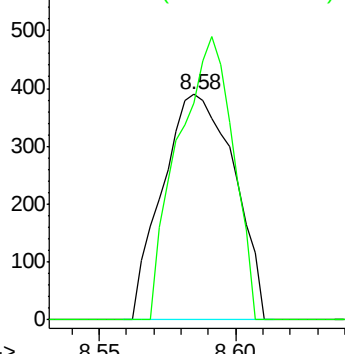
107 100

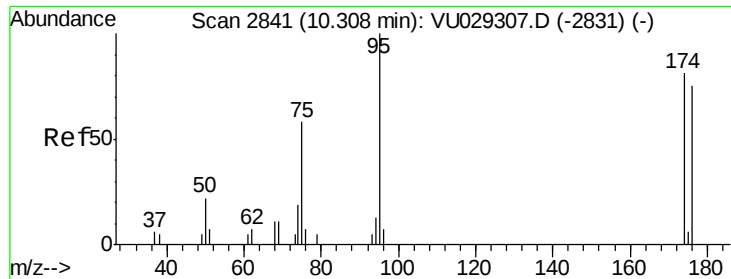
109 95.8 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

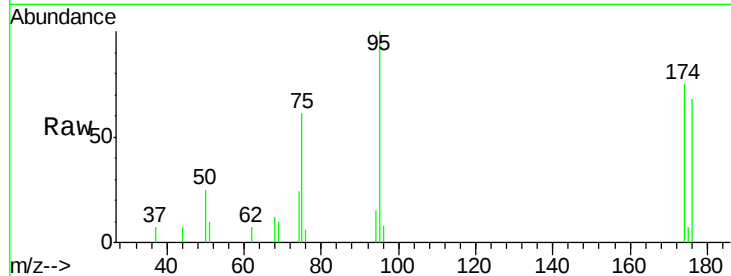
Ion 109.00 (108.70 to 109.70): V



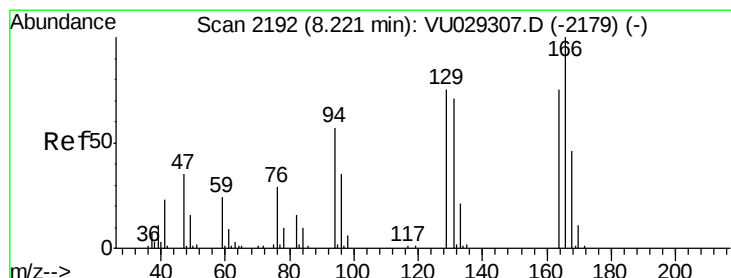
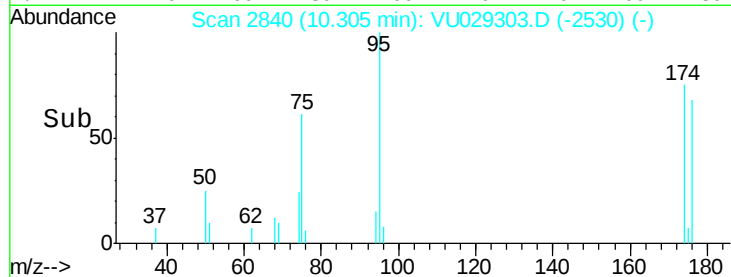
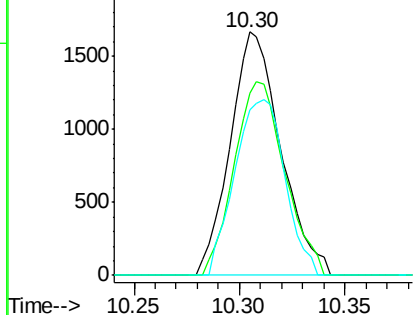


#57
4-Bromofluorobenzene
Concen: 0.456 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion: 95 Resp: 2775
Ion Ratio Lower Upper
95 100
174 79.6 64.2 96.2
176 71.6 62.3 93.5

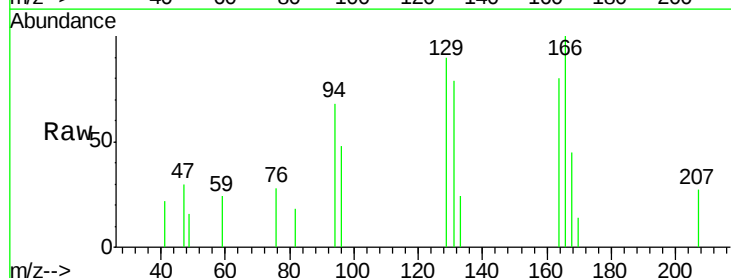


Abundance Ion 95.00 (94.70 to 95.70): VU029303.D (-2530) (-)
Ion 174.00 (173.70 to 174.70): VU029303.D (-2530) (-)
Ion 176.00 (175.70 to 176.70): VU029303.D (-2530) (-)

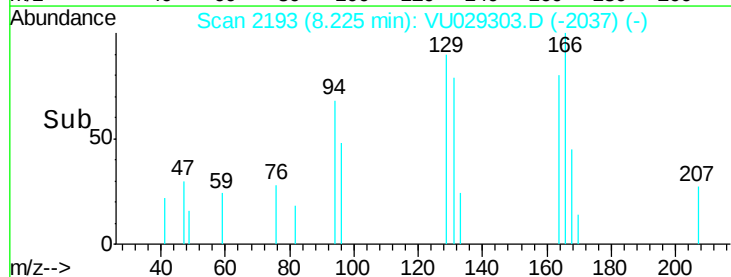
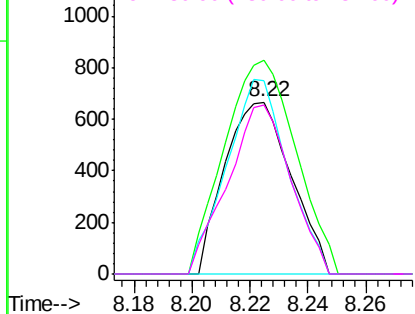


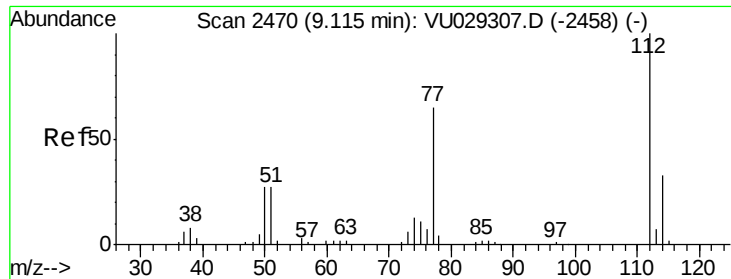
#58
Tetrachloroethene
Concen: 0.467 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion: 164 Resp: 1061
Ion Ratio Lower Upper
164 100
166 124.3 106.6 159.8
129 112.2 79.9 119.9
131 98.0 75.8 113.8



Abundance Ion 163.85 (163.55 to 164.55): VU029303.D (-2037) (-)
Ion 165.80 (165.50 to 166.50): VU029303.D (-2037) (-)
Ion 128.90 (128.60 to 129.60): VU029303.D (-2037) (-)
Ion 130.90 (130.60 to 131.60): VU029303.D (-2037) (-)





#59

Chlorobenzene

Concen: 0.481 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU029303.D

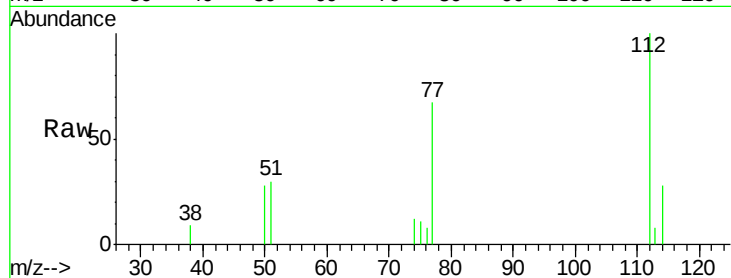
Acq: 29 Jan 2019 16:11

Tot Ion:112 Resp: 2882

Ion Ratio Lower Upper

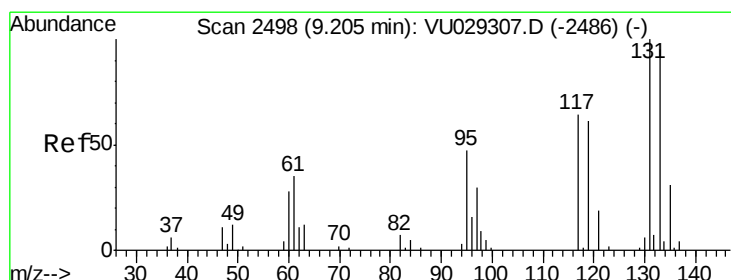
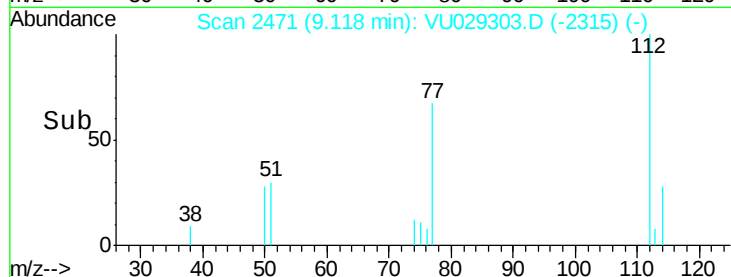
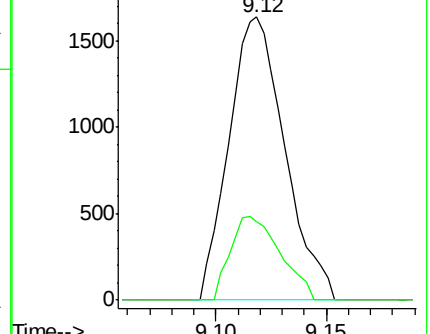
112 100

114 27.9 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.516 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

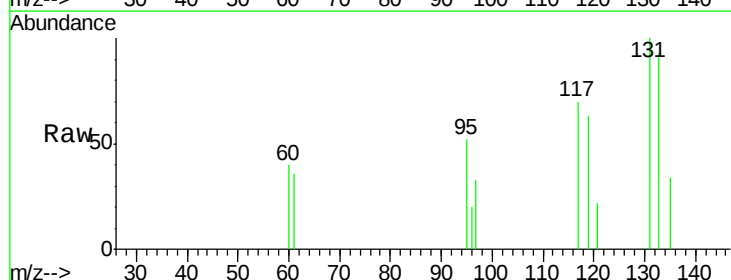
Tgt Ion:131 Resp: 1278

Ion Ratio Lower Upper

131 100

133 89.7 77.3 115.9

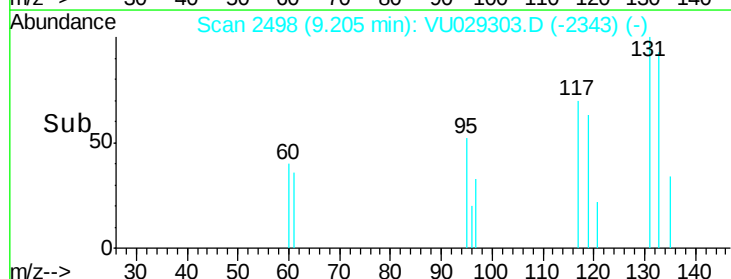
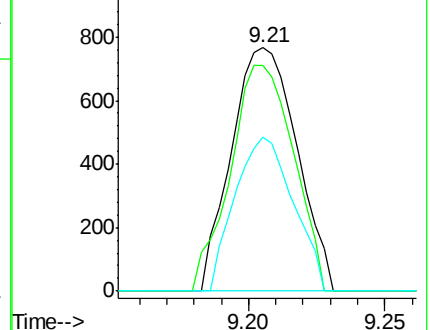
119 56.3 48.9 73.3

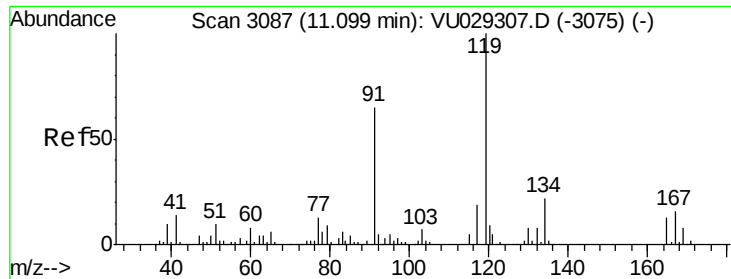


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 0.509 ug/l

RT: 11.10 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU029303.D

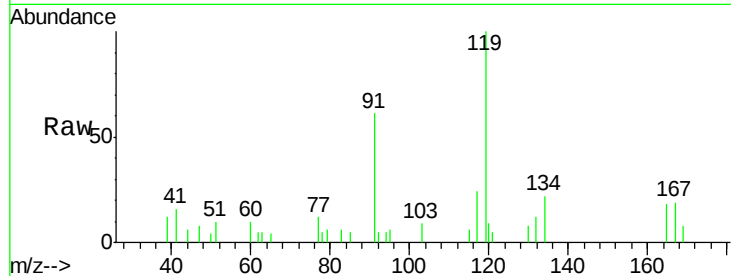
Acq: 29 Jan 2019 16:11

Tot Ion:117 Resp: 971

Ion Ratio Lower Upper

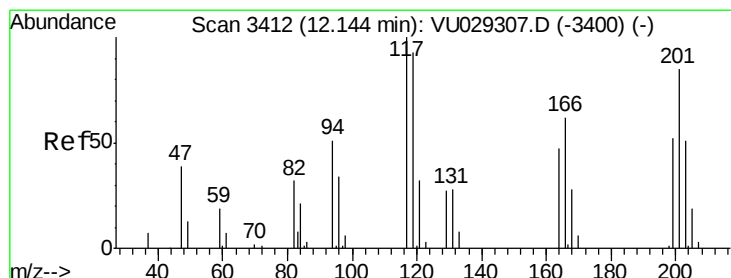
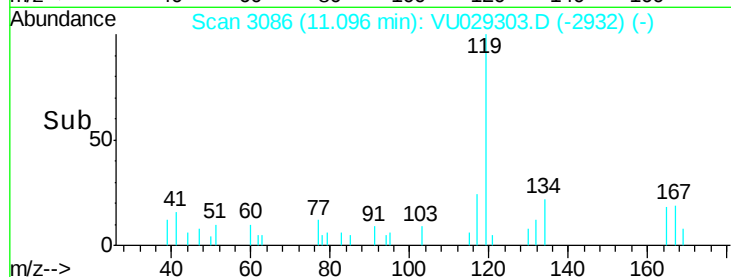
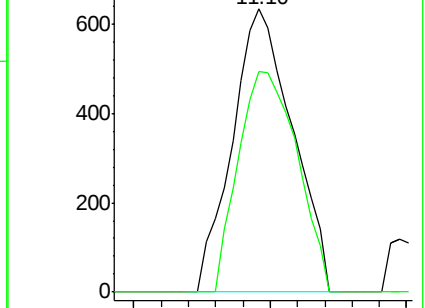
117 100

167 76.3 65.9 98.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.498 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU029303.D

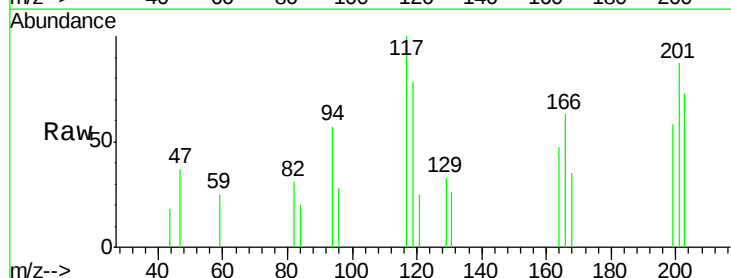
Acq: 29 Jan 2019 16:11

Tgt Ion:117 Resp: 912

Ion Ratio Lower Upper

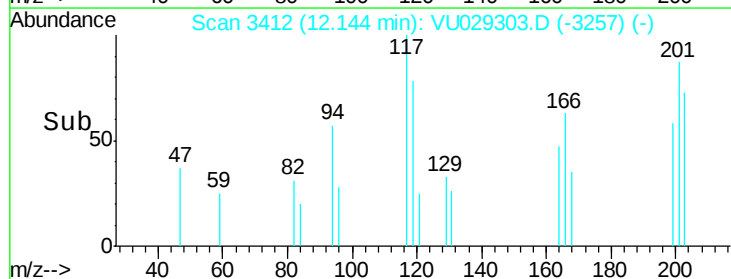
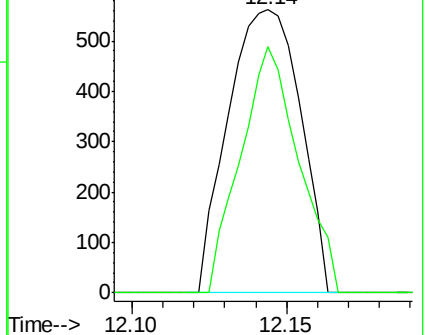
117 100

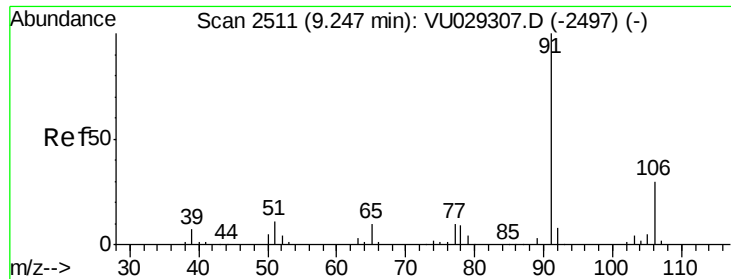
201 70.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 0.454 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

Lab File: VU029303.D

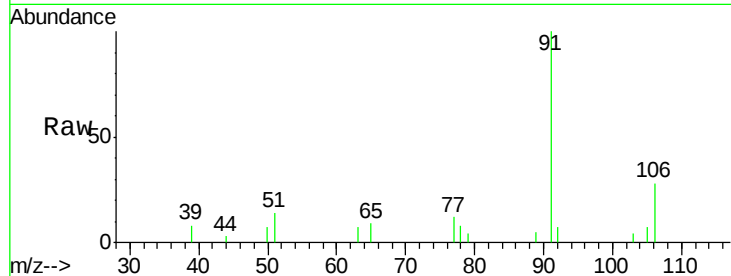
Acq: 29 Jan 2019 16:11

Tot Ion: 91 Resp: 4759

Ion Ratio Lower Upper

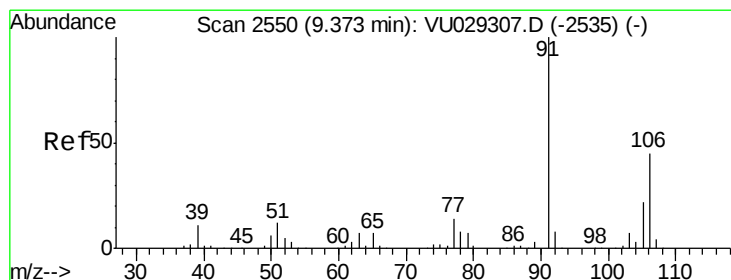
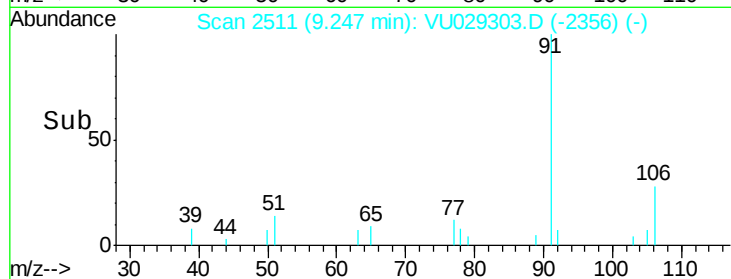
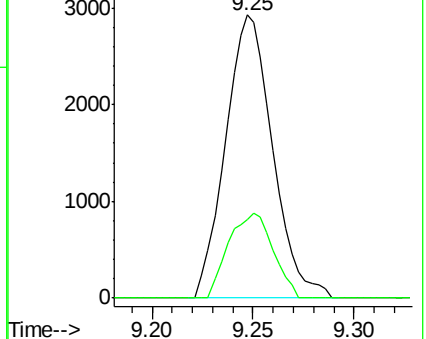
91 100

106 27.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 0.857 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU029303.D

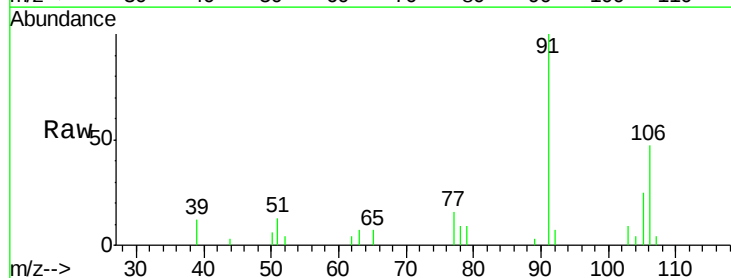
Acq: 29 Jan 2019 16:11

Tgt Ion: 106 Resp: 3375

Ion Ratio Lower Upper

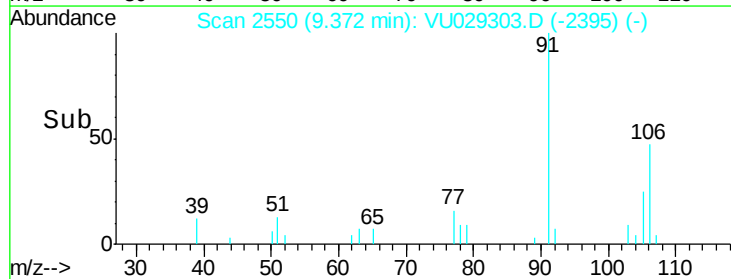
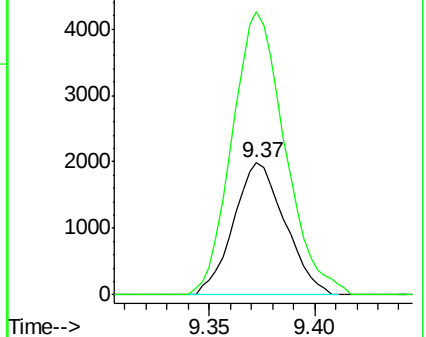
106 100

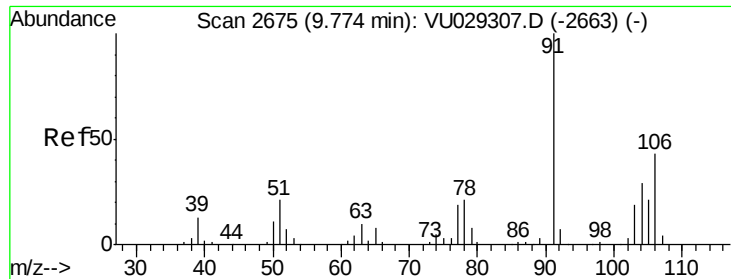
91 219.4 174.6 261.8



Abundance Ion 106.00 (105.70 to 106.70): V

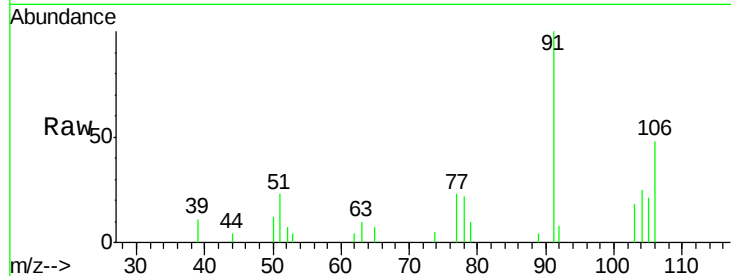
Ion 91.00 (90.70 to 91.70): VU0



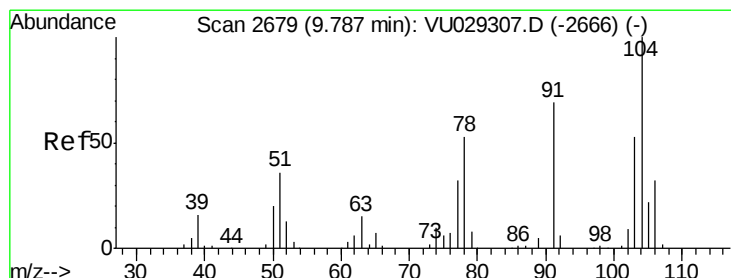
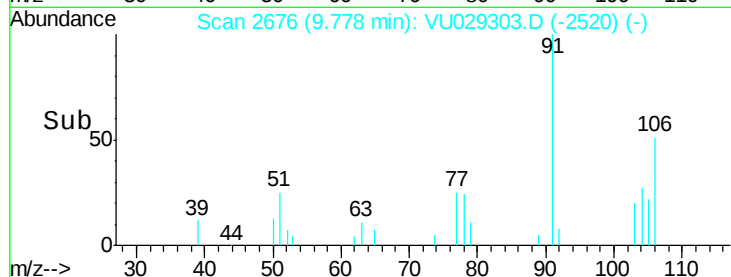
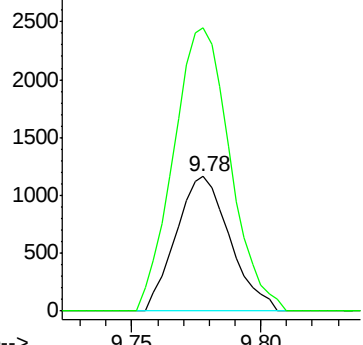


#65
o-Xylene
Concen: 0.449 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion:106 Resp: 1697
Ion Ratio Lower Upper
106 100
91 219.6 114.5 343.4

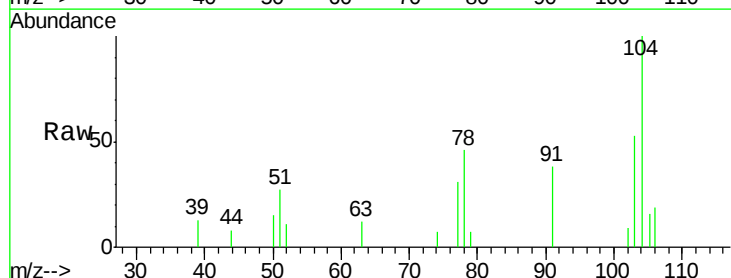


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

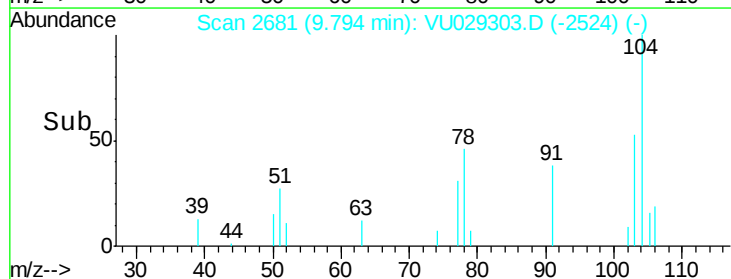
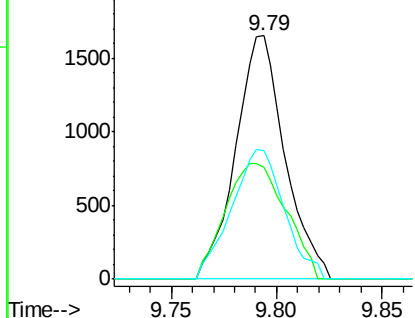


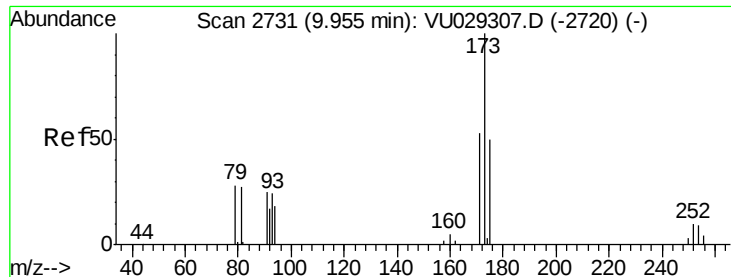
#66
Styrene
Concen: 0.413 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.01 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion:104 Resp: 2685
Ion Ratio Lower Upper
104 100
78 58.4 46.5 69.7
103 57.0 44.7 67.1



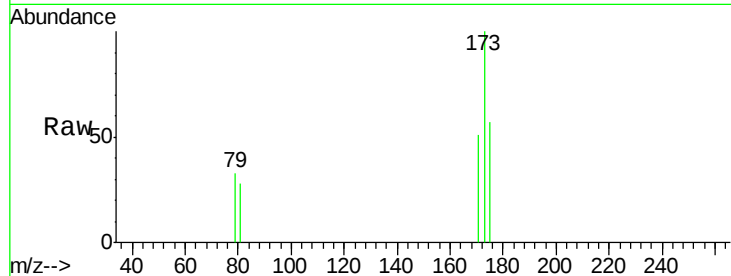
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



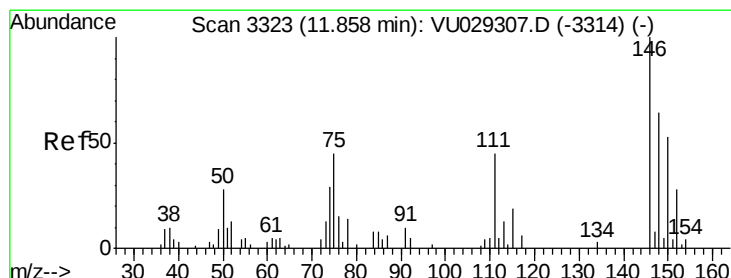
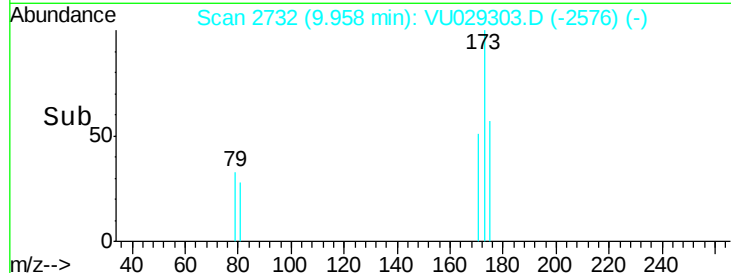
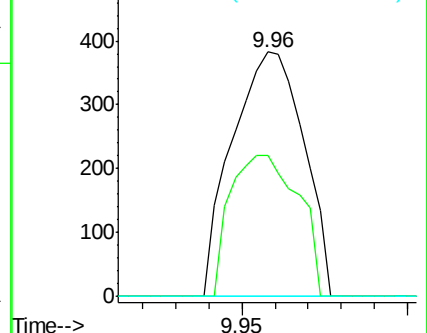


#67
Bromoform
Concen: 0.433 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion:173 Resp: 574
Ion Ratio Lower Upper
173 100
175 54.5 38.9 58.3
254 0.0 7.4 11.2#

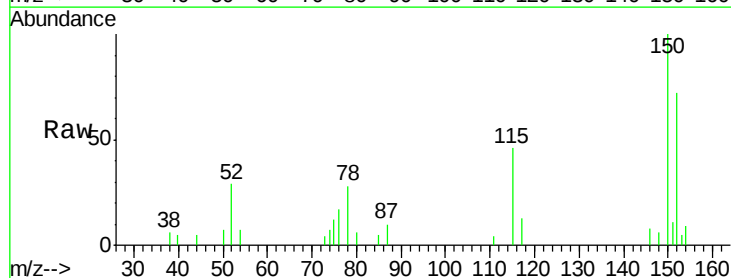


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

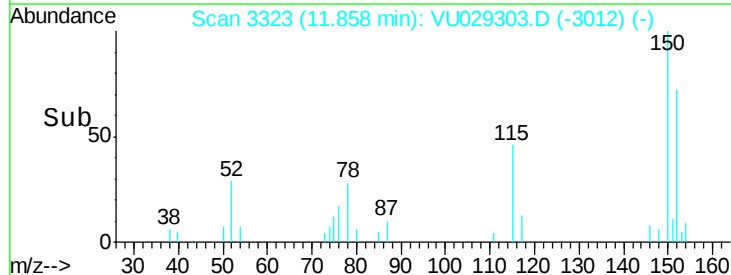
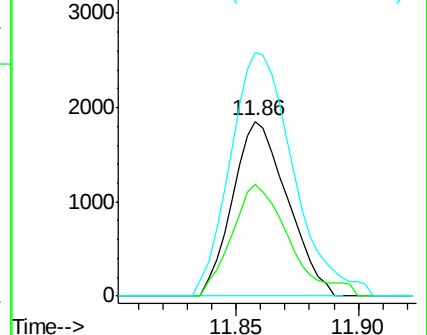


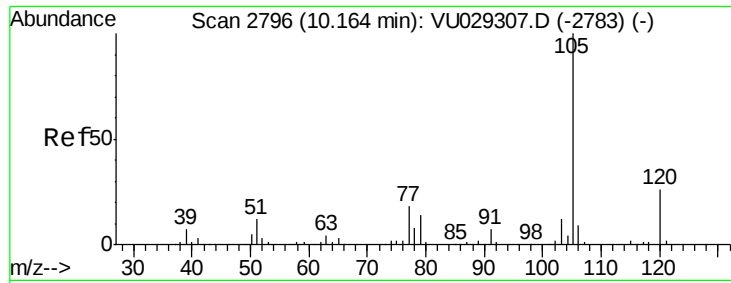
#68
1,2-Dichlorobenzene-d4
Concen: 0.433 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion:152 Resp: 2888
Ion Ratio Lower Upper
152 100
115 66.8 0.0 133.4
150 160.7 0.0 670.8



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





#69

Isopropylbenzene

Concen: 0.435 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029303.D

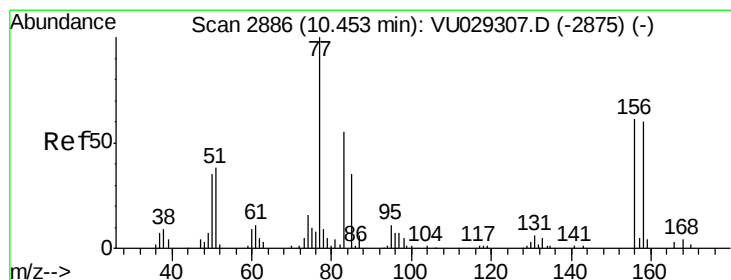
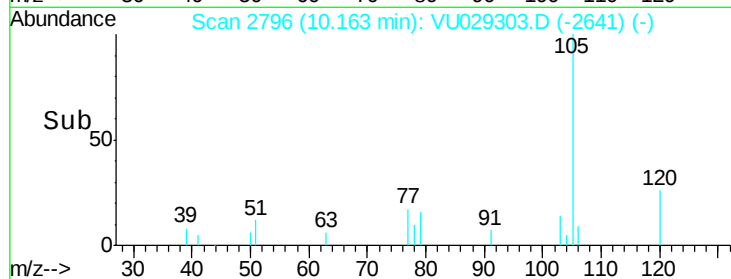
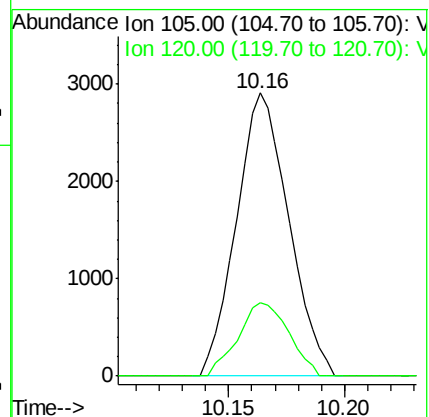
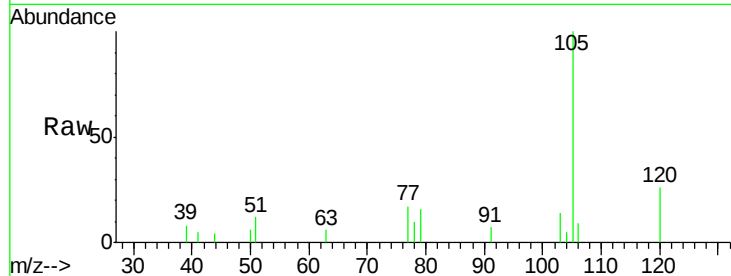
Acq: 29 Jan 2019 16:11

Tot Ion: 105 Resp: 4549

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.484 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

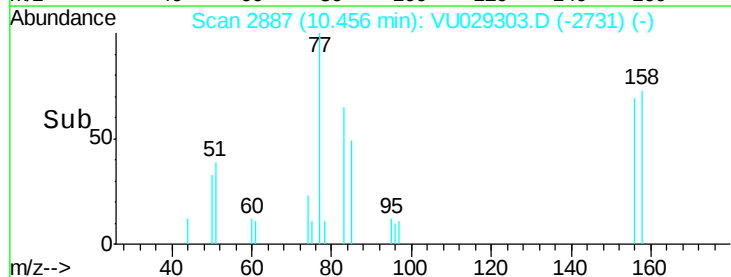
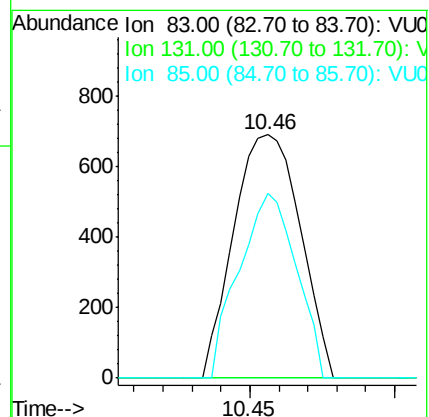
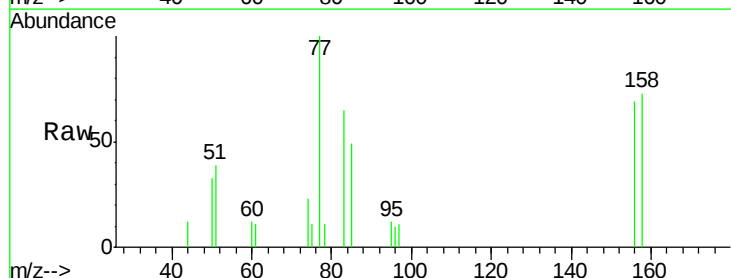
Tgt Ion: 83 Resp: 1101

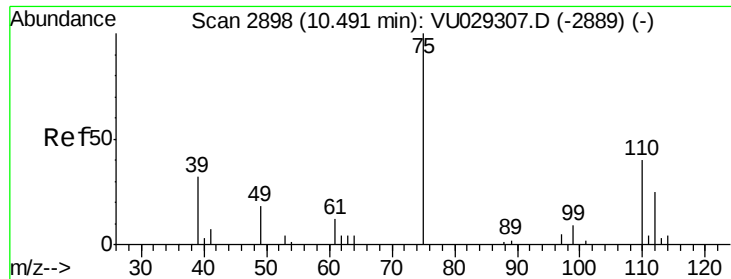
Ion Ratio Lower Upper

83 100

131 0.0 8.1 12.1#

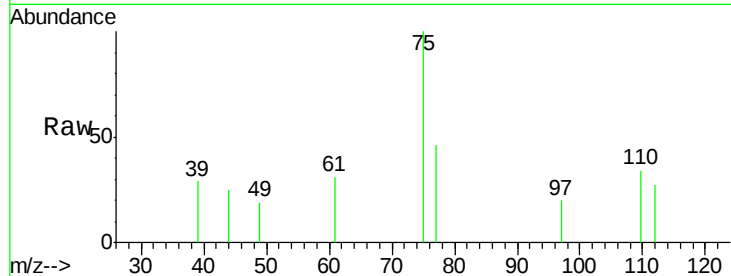
85 65.2 50.3 75.5



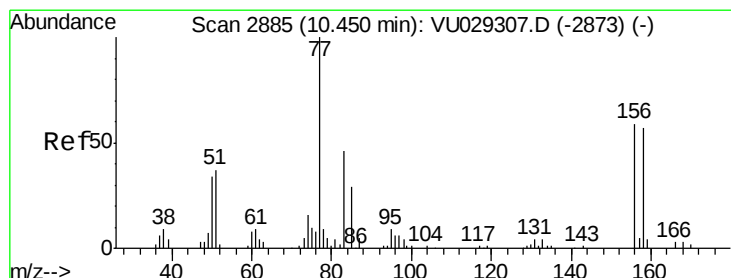
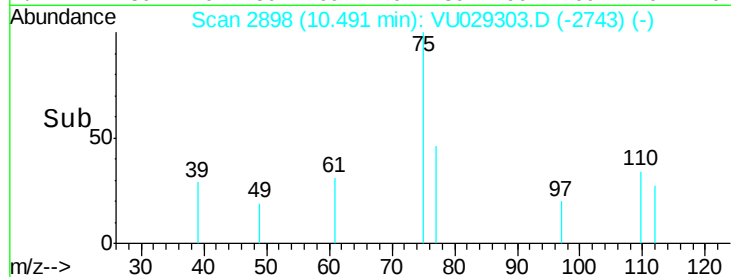
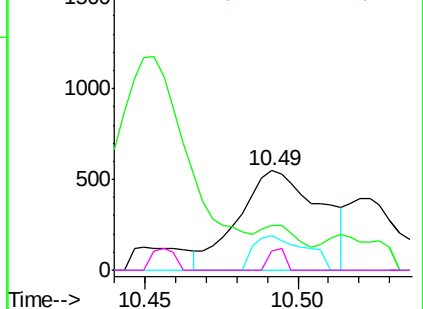


#71
 1,2,3-Trichloropropane
 Concen: 0.533 ug/l m
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tot Ion:	75	Resp:	1026
Ion	Ratio	Lower	Upper
75	100		
77	24.4	0.0	0.0#
110	21.8	0.0	63.6
97	4.4	0.0	31.4

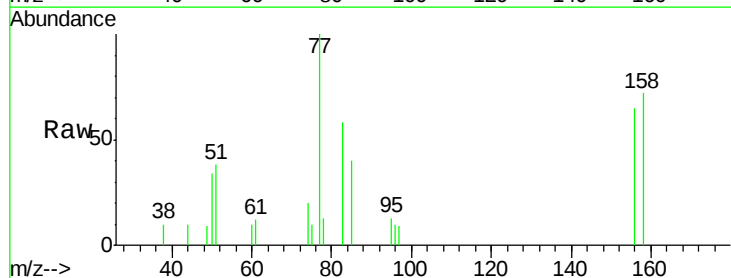


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

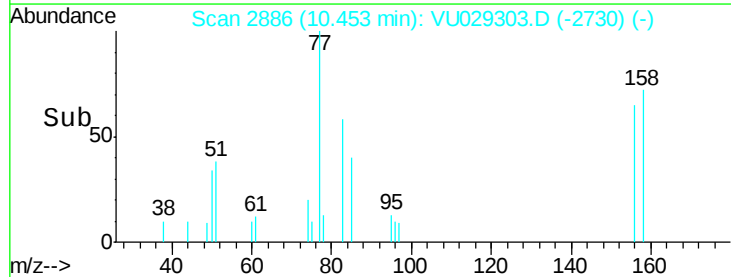
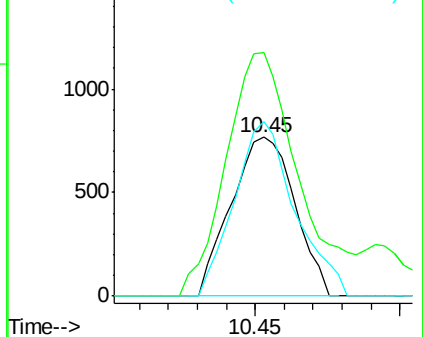


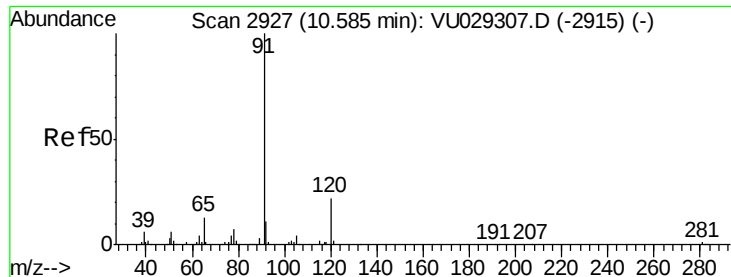
#72
 Bromobenzene
 Concen: 0.453 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tgt Ion:	156	Resp:	1167
Ion	Ratio	Lower	Upper
156	100		
77	176.1	0.0	343.8
158	104.8	0.0	195.0



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





#73

n-propylbenzene

Concen: 0.437 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU029303.D

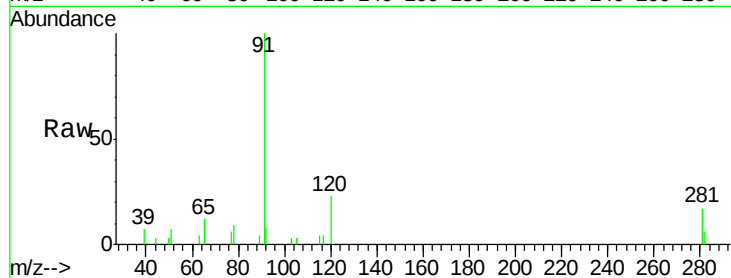
Acq: 29 Jan 2019 16:11

Tot Ion:120 Resp: 1229

Ion Ratio Lower Upper

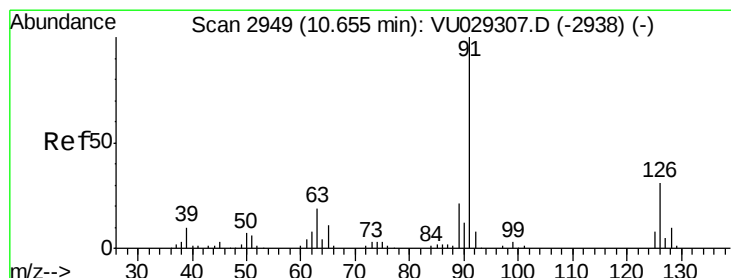
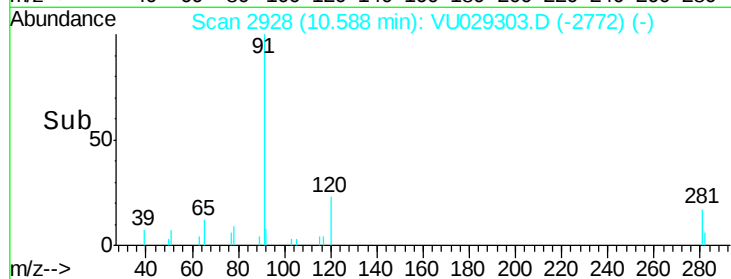
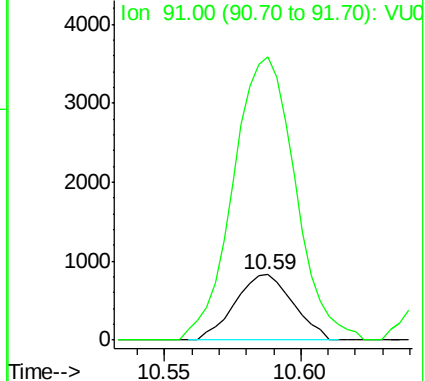
120 100

91 461.3 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.431 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. 0.00 min

Lab File: VU029303.D

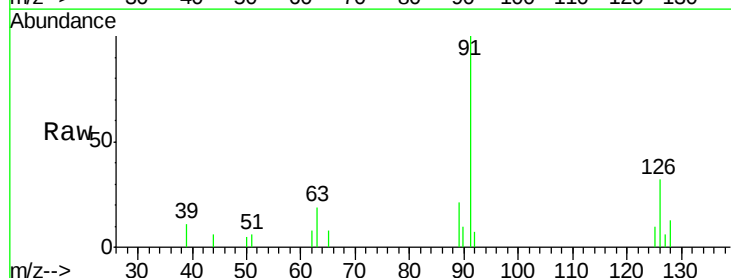
Acq: 29 Jan 2019 16:11

Tgt Ion:126 Resp: 1057

Ion Ratio Lower Upper

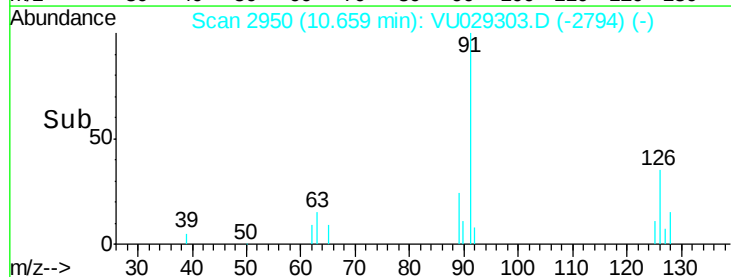
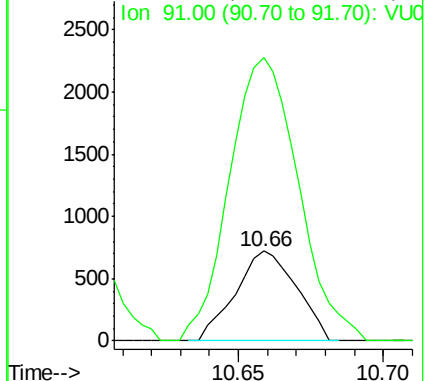
126 100

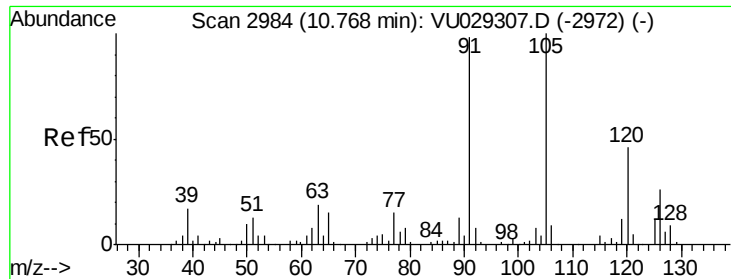
91 355.6 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.407 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029303.D

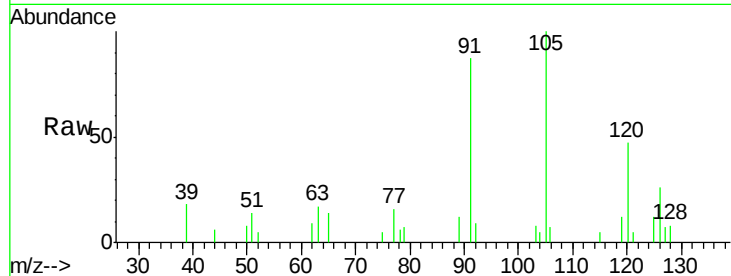
Acq: 29 Jan 2019 16:11

Tot Ion:105 Resp: 3768

Ion Ratio Lower Upper

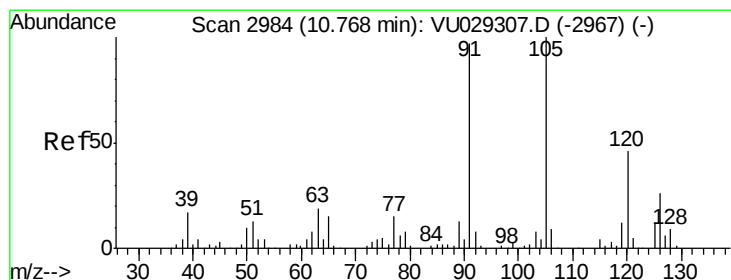
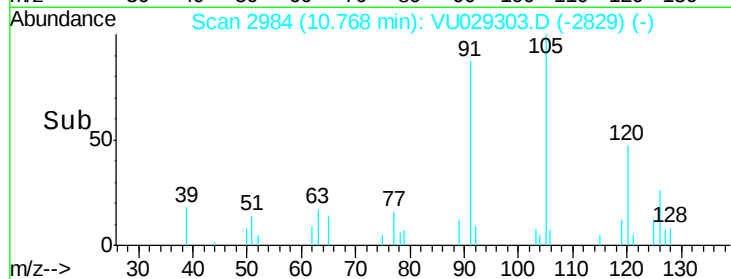
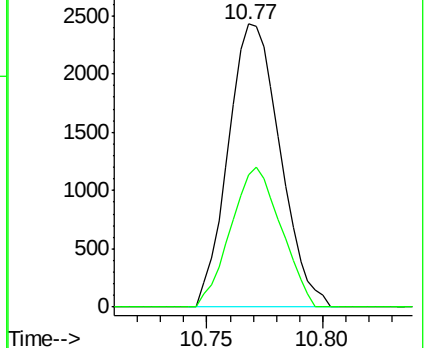
105 100

120 47.9 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.420 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029303.D

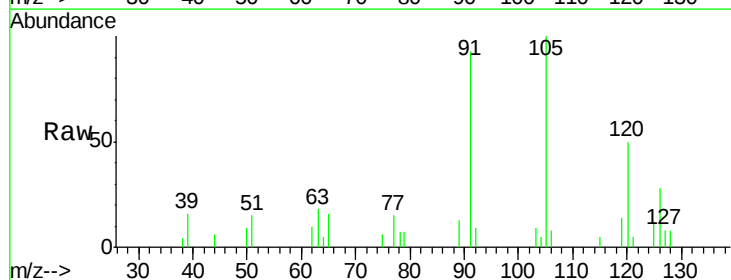
Acq: 29 Jan 2019 16:11

Tgt Ion:126 Resp: 1092

Ion Ratio Lower Upper

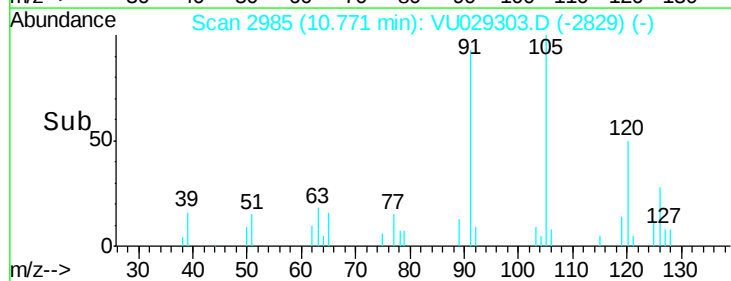
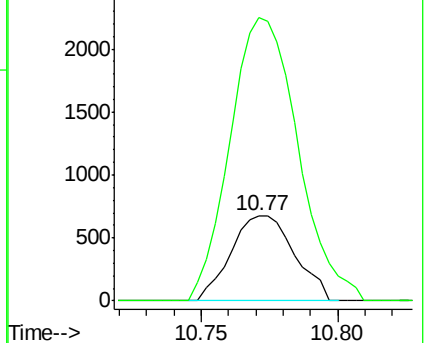
126 100

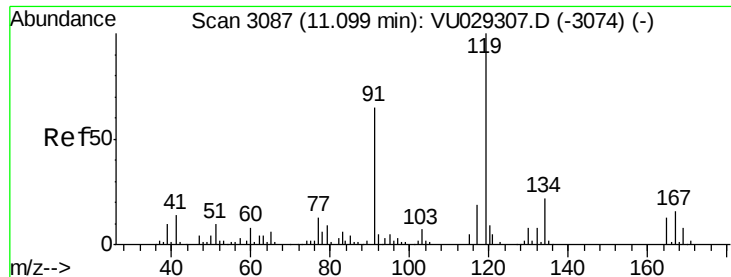
91 355.6 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.445 ug/l

RT: 11.10 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

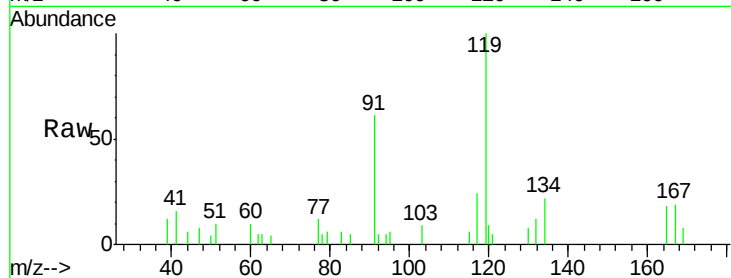
Tot Ion:119 Resp: 3959

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.2	96.6
134	22.2	17.6	26.4

119 100

91 64.8 32.2 96.6

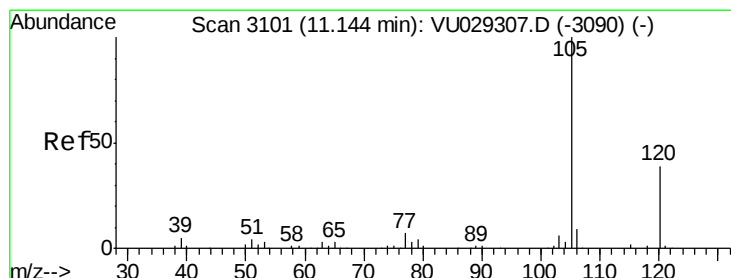
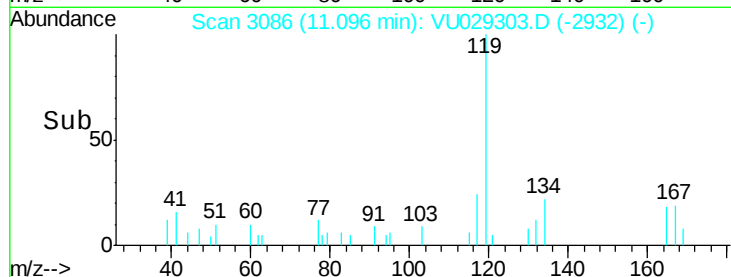
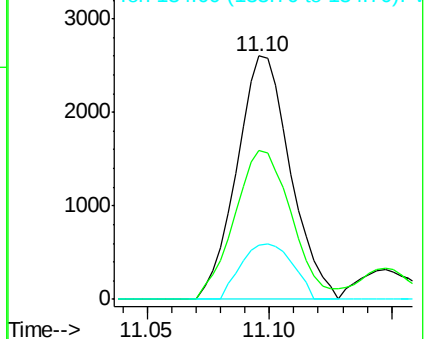
134 22.2 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 0.433 ug/l

RT: 11.14 min Scan# 3101

Delta R.T. -0.00 min

Lab File: VU029303.D

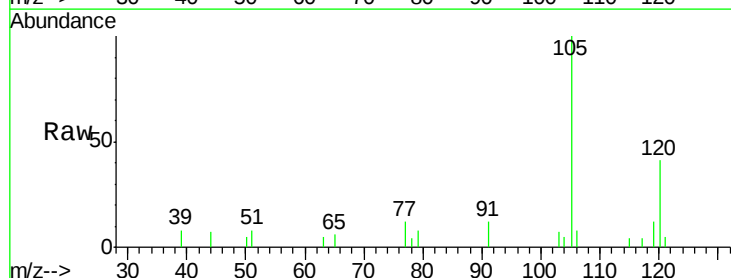
Acq: 29 Jan 2019 16:11

Tgt Ion:105 Resp: 4085

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.4	64.3

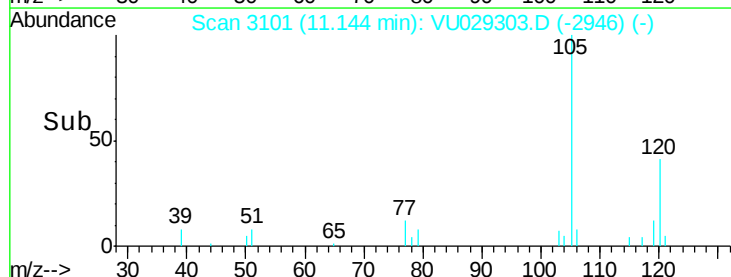
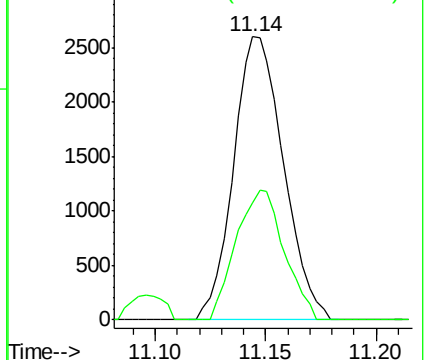
105 100

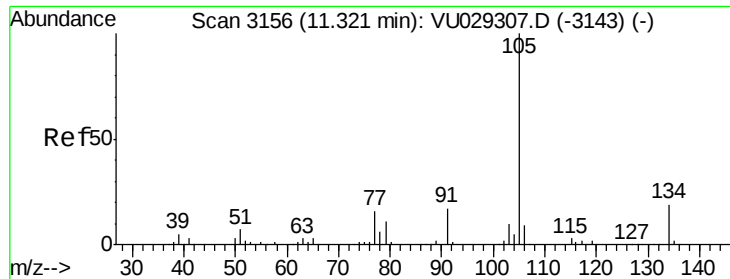
120 44.1 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V

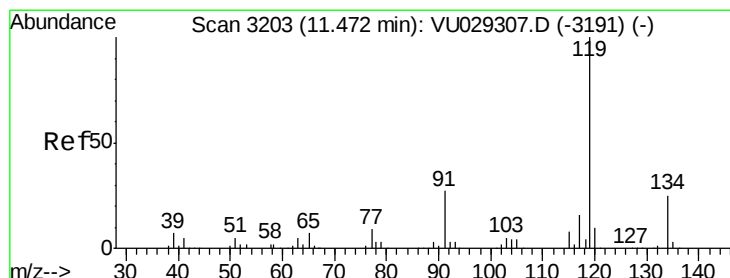
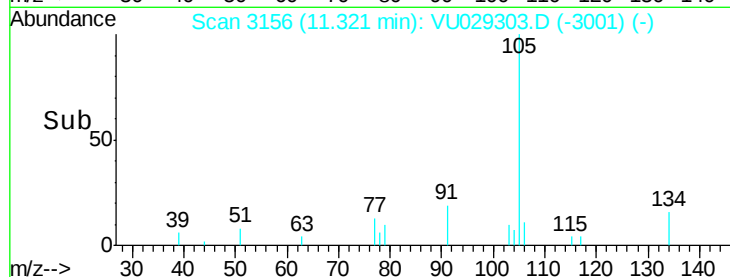
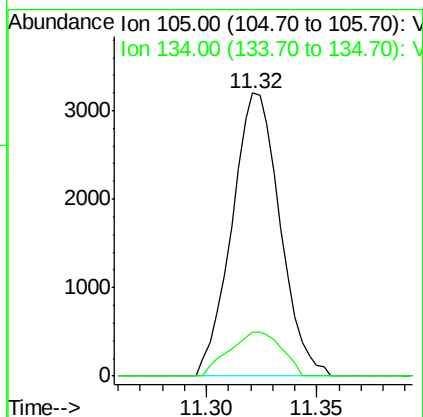
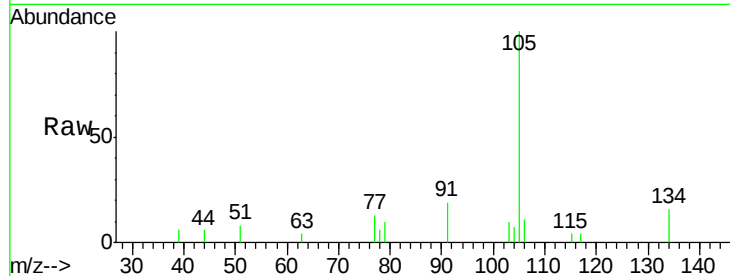
Ion 120.00 (119.70 to 120.70): V





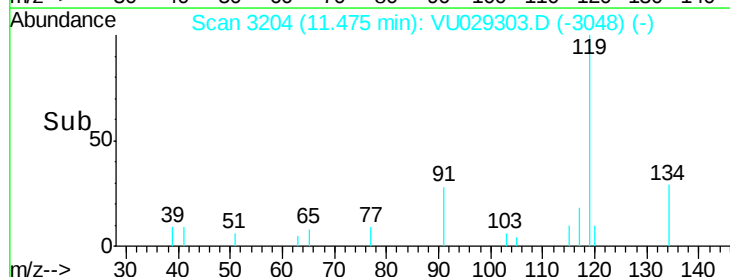
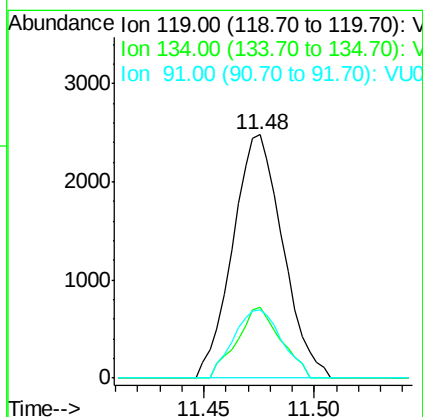
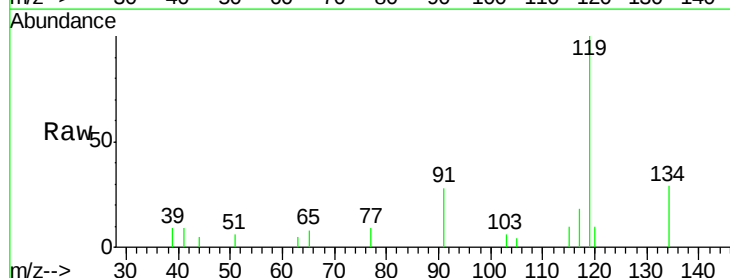
#79
 sec-Butylbenzene
 Concen: 0.417 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

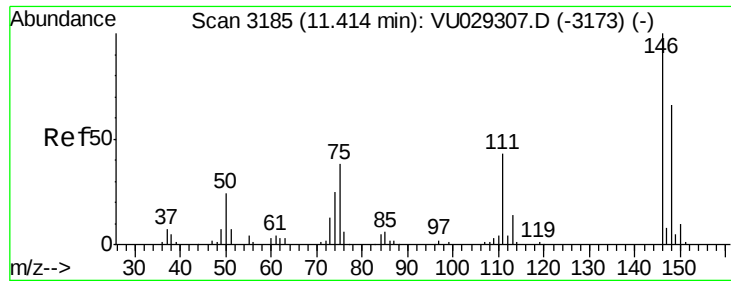
Tot Ion:105 Resp: 4853
 Ion Ratio Lower Upper
 105 100
 134 17.0 15.0 22.6



#81
 p-Isopropyltoluene
 Concen: 0.397 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tgt Ion:119 Resp: 3912
 Ion Ratio Lower Upper
 119 100
 134 25.4 19.8 29.6
 91 27.1 21.5 32.3





#82

1,3-Dichlorobenzene

Concen: 0.480 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

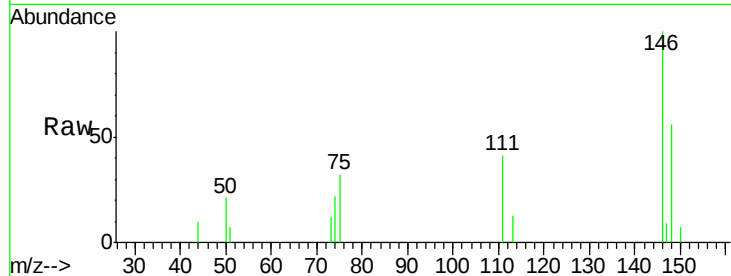
Tot Ion:146 Resp: 2566

Ion Ratio Lower Upper

146 100

111 39.3 34.1 51.1

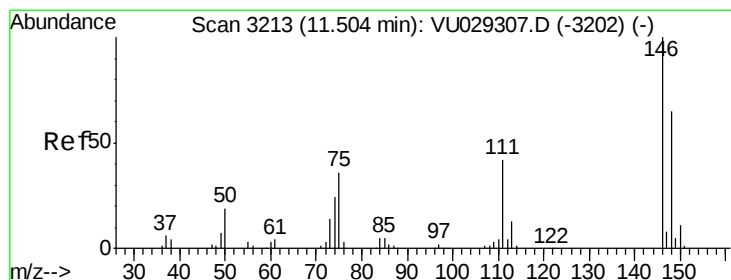
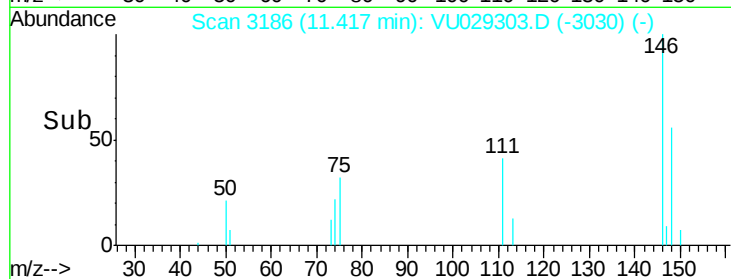
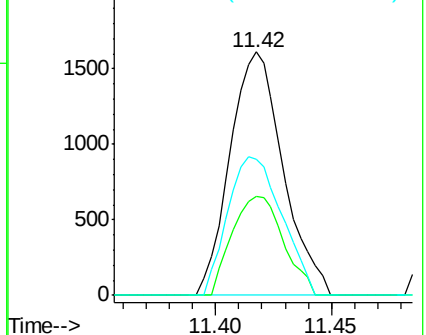
148 58.0 52.3 78.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 0.472 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

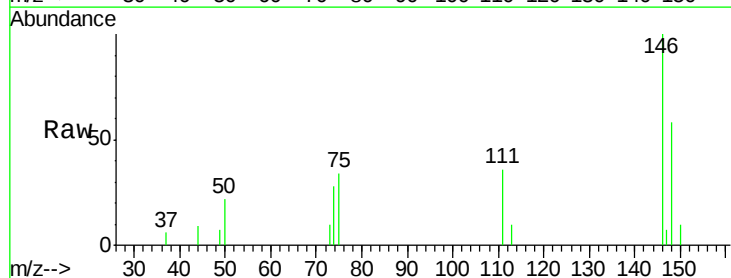
Tgt Ion:146 Resp: 2542

Ion Ratio Lower Upper

146 100

111 37.1 32.9 49.3

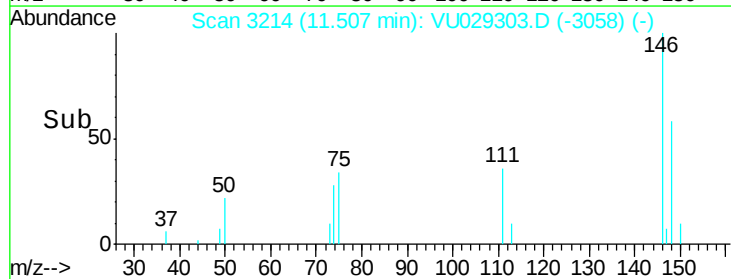
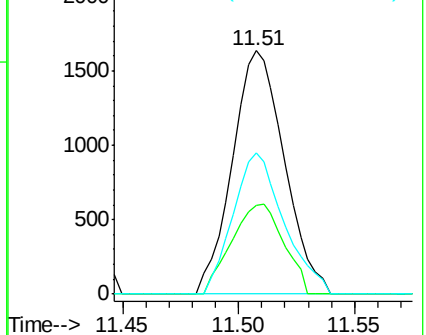
148 56.8 51.8 77.6

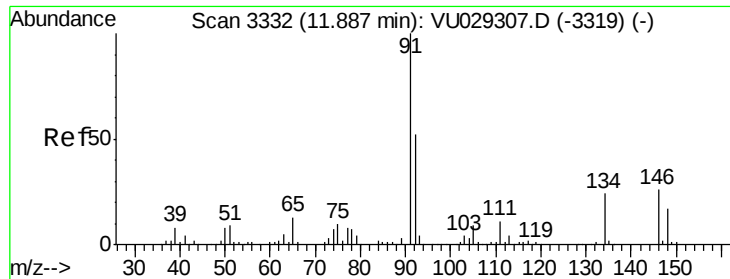


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

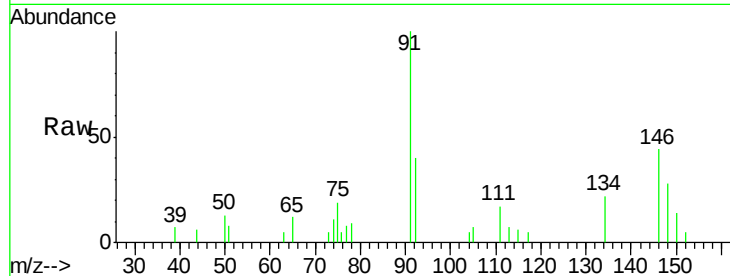
Ion 148.00 (147.70 to 148.70): V



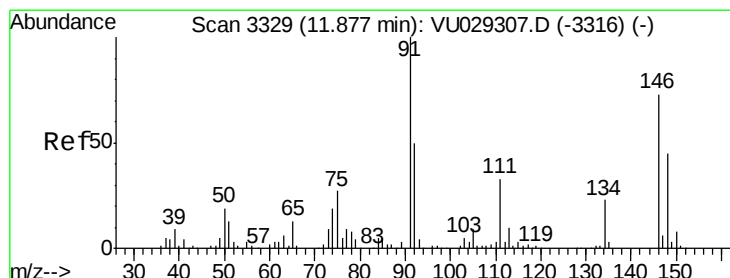
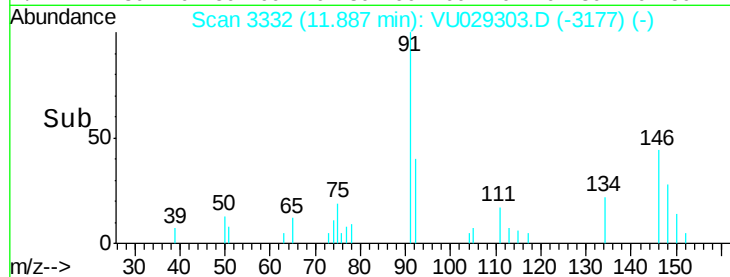
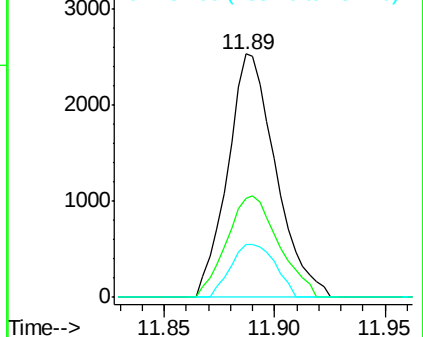


#84
n-Butylbenzene
Concen: 0.400 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tot Ion: 91 Resp: 3828
Ion Ratio Lower Upper
91 100
92 44.9 41.0 61.6
134 20.1 19.1 28.7

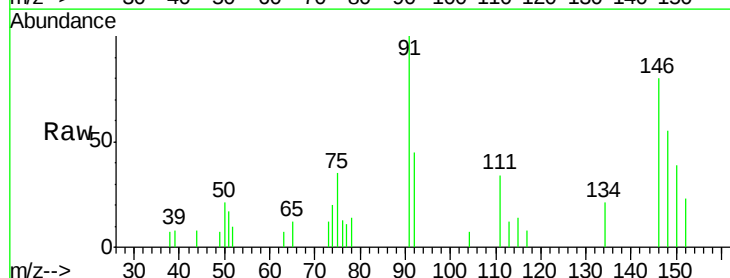


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

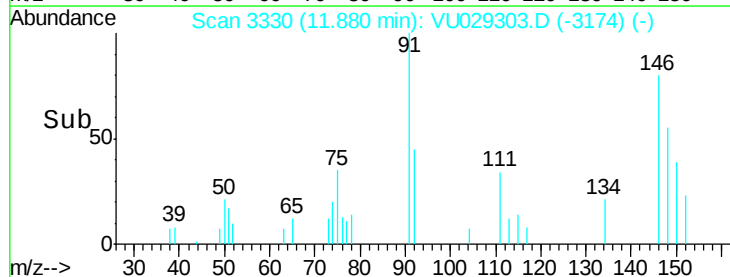
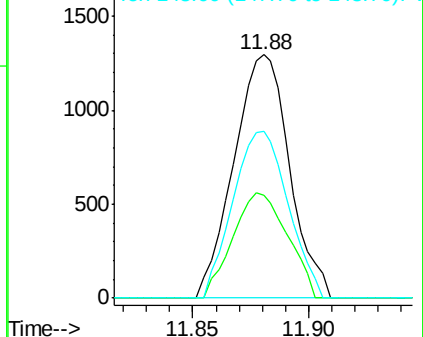


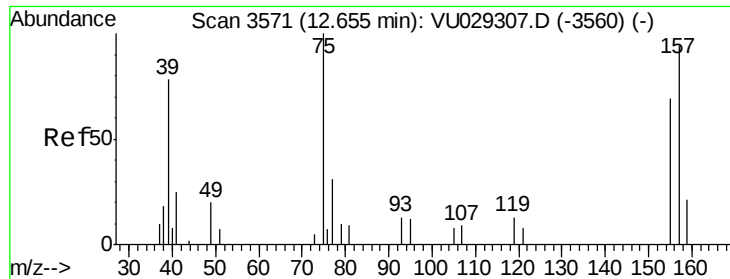
#85
1,2-Dichlorobenzene
Concen: 0.446 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU029303.D
Acq: 29 Jan 2019 16:11

Tgt Ion: 146 Resp: 2158
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.8
148 67.9 31.8 95.3



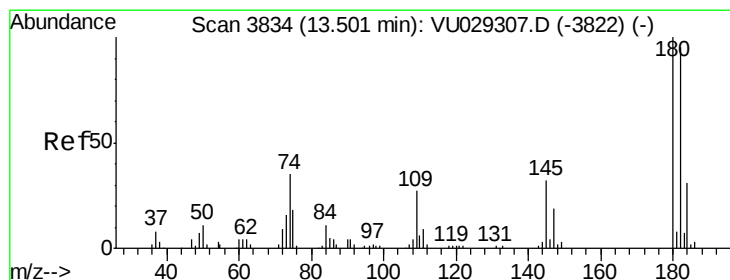
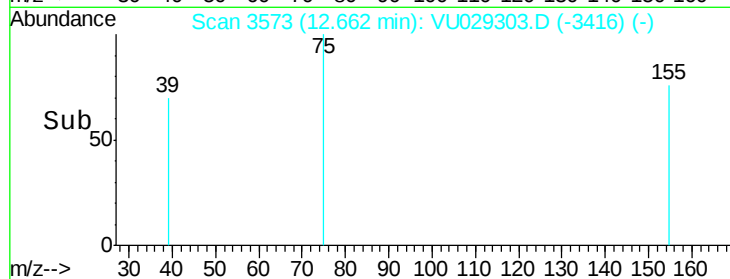
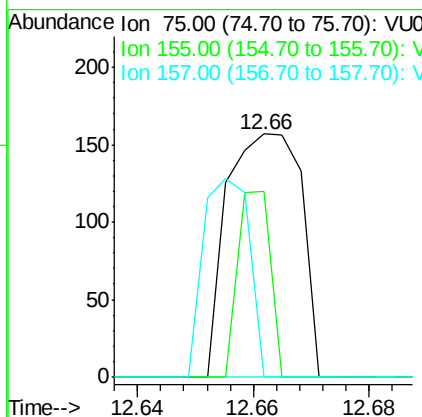
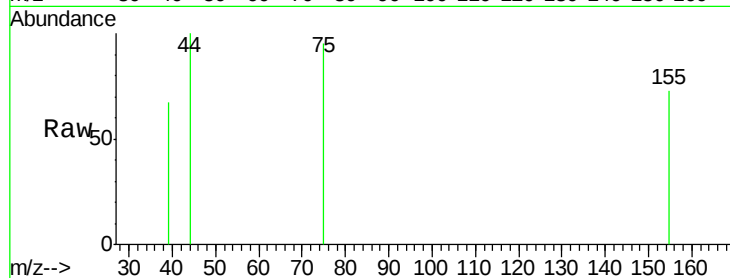
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





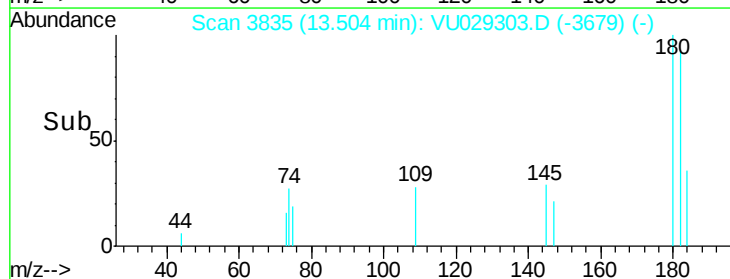
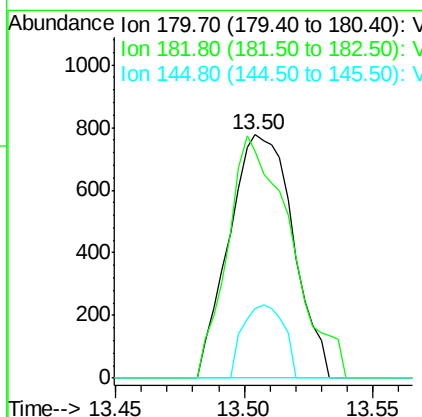
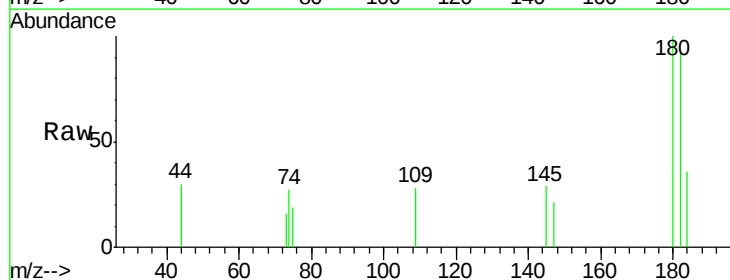
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.310 ug/l
 RT: 12.66 min Scan# 3573
 Delta R.T. 0.01 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

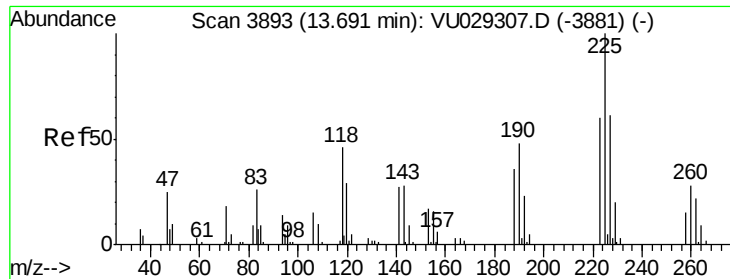
Tot Ion: 75 Resp: 138
 Ion Ratio Lower Upper
 75 100
 155 33.3 53.8 80.8#
 157 50.7 69.2 103.8#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.411 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tgt Ion: 180 Resp: 1344
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.6 114.8
 145 19.3 24.6 36.8#





#88

Hexachlorobutadiene

Concen: 0.438 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

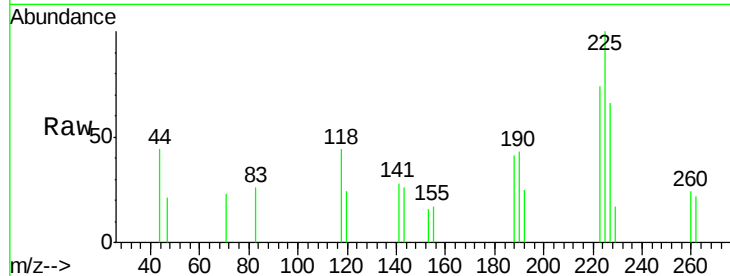
Tot Ion:225 Resp: 914

Ion Ratio Lower Upper

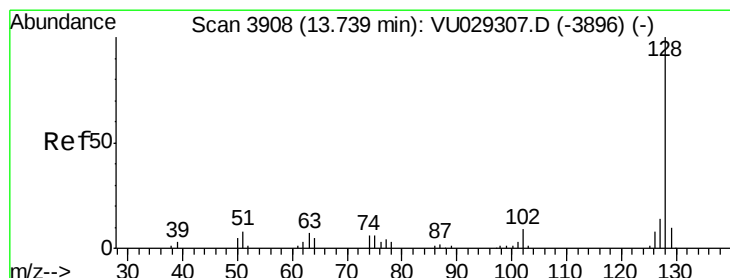
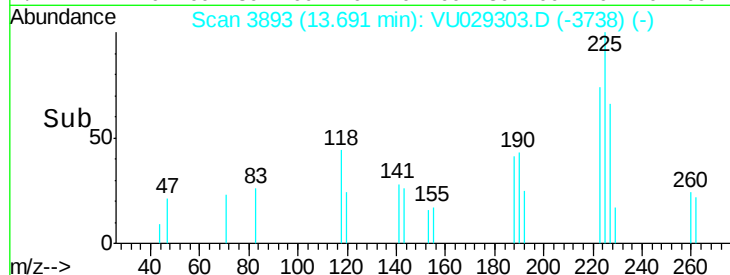
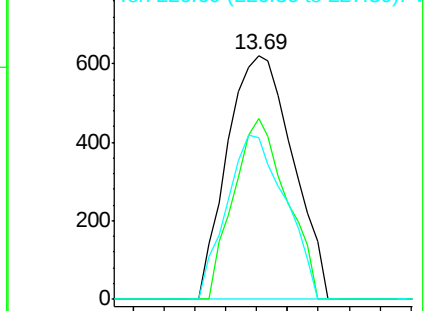
225 100

223 60.3 49.5 74.3

227 60.6 50.4 75.6



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



#89

Naphthalene

Concen: 0.383 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU029303.D

Acq: 29 Jan 2019 16:11

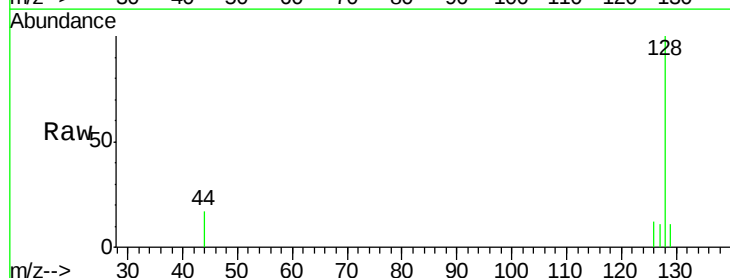
Tgt Ion:128 Resp: 2012

Ion Ratio Lower Upper

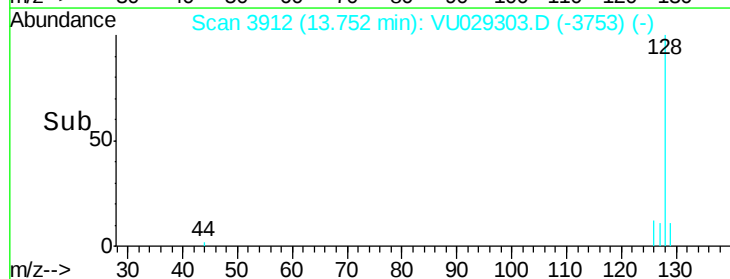
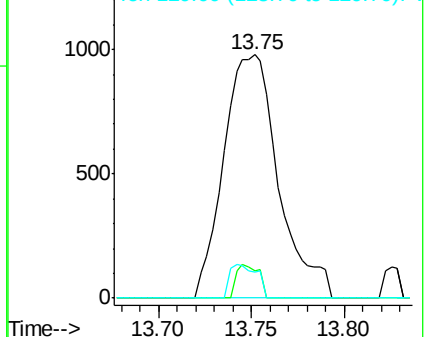
128 100

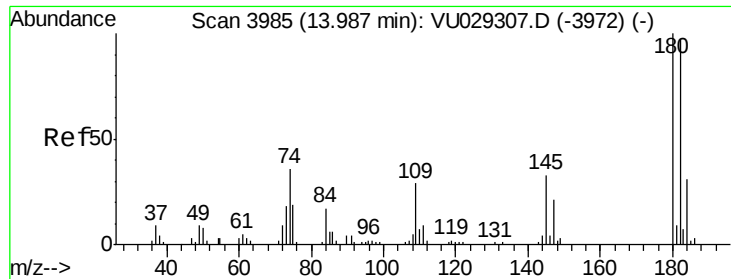
127 5.8 10.7 16.1#

129 6.8 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

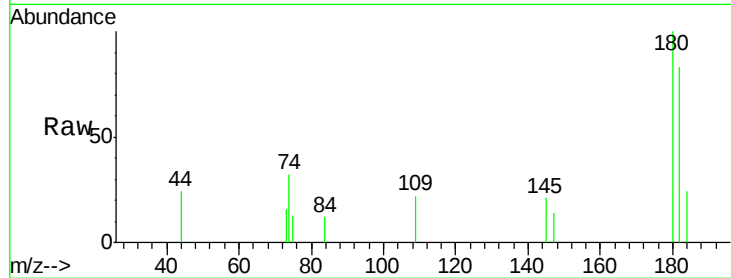




#90

1,2,3-Trichlorobenzene
 Concen: 0.427 ug/l
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU029303.D
 Acq: 29 Jan 2019 16:11

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	24.6	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

