

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051418\
 Data File : VU023853.D
 Acq On : 14 May 2018 15:23
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 04:38:12 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu May 03 10:23:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	40978	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	15561	1.16	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15796	1.21	ug/l	0.00
Spiked Amount 1.000			Recovery	=	121.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	139192	10.461	ug/l	100
3) Chloromethane	1.33	50	152205	9.873	ug/l	99
4) Vinyl Chloride	1.40	62	152654	10.322	ug/l	100
5) Bromomethane	1.63	94	69956	8.848	ug/l	99
6) Chloroethane	1.70	64	91569	11.123	ug/l	99
7) Trichlorofluoromethane	1.89	101	189954	11.190	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	112412	10.779	ug/l	97
9) 1,1-Dichloroethene	2.29	96	102438	10.579	ug/l	96
10) Iodomethane	2.41	142	84516	7.340	ug/l	97
11) Allyl Chloride	2.60	41	196493	11.040	ug/l	96
12) Acrylonitrile	2.94	53	48694	24.369	ug/l	95
13) Acetone	2.32	43	215903	127.307	ug/l	97
14) Carbon Disulfide	2.48	76	348235	10.932	ug/l	100
15) Methylene Chloride	2.70	84	115130	10.439	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	111801	10.777	ug/l	99
17) 1,1-Dichloroethane	3.44	63	217063	10.622	ug/l	99
18) 2-Butanone	4.28	43	228054	83.218	ug/l	100
19) Cyclohexane	4.99	56	160089	9.067	ug/l	93
20) Methylcyclohexane	6.42	83	173916	9.655	ug/l	99
21) 2,2-Dichloropropane	4.23	77	161936	9.993	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	117679	10.482	ug/l	97
23) Diethyl Ether	2.10	59	84403	10.662	ug/l	97
24) tert-Butyl Alcohol	2.84	59	84416	141.420	ug/l #	83
25) Methyl tert-Butyl Ether	3.00	73	261103	10.730	ug/l	99
26) Bromochloromethane	4.55	128	49327	11.119	ug/l	94
27) Chloroform	4.68	83	203675	10.584	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	166972	10.577	ug/l	100
29) 1,1-Dichloropropene	5.14	75	156088	10.077	ug/l	98
30) Carbon Tetrachloride	5.14	117	143009	10.768	ug/l	98
31) Isopropyl Ether	3.58	45	325032	9.423	ug/l	94
32) Ethyl-t-butyl ether	4.08	59	278701	9.456	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	223406	8.955	ug/l	99
34) Propionitrile	4.34	54	42254	54.152	ug/l #	90
35) Benzene	5.39	78	452263	9.824	ug/l	99
36) 1,2-Dichloroethane	5.41	62	123925	9.518	ug/l	100
37) Trichloroethene	6.19	130	115674	9.360	ug/l	98
38) 1,2-Dichloropropane	6.44	63	120204	9.520	ug/l	100
39) Methacrylonitrile	4.55	41	37615	9.428	ug/l	96
40) Methyl acrylate	4.43	55	53626	9.690	ug/l	98
41) Tetrahydrofuran	4.65	42	38319	18.639	ug/l	99
42) 1-Chlorobutane	5.07	56	225382	10.039	ug/l	99

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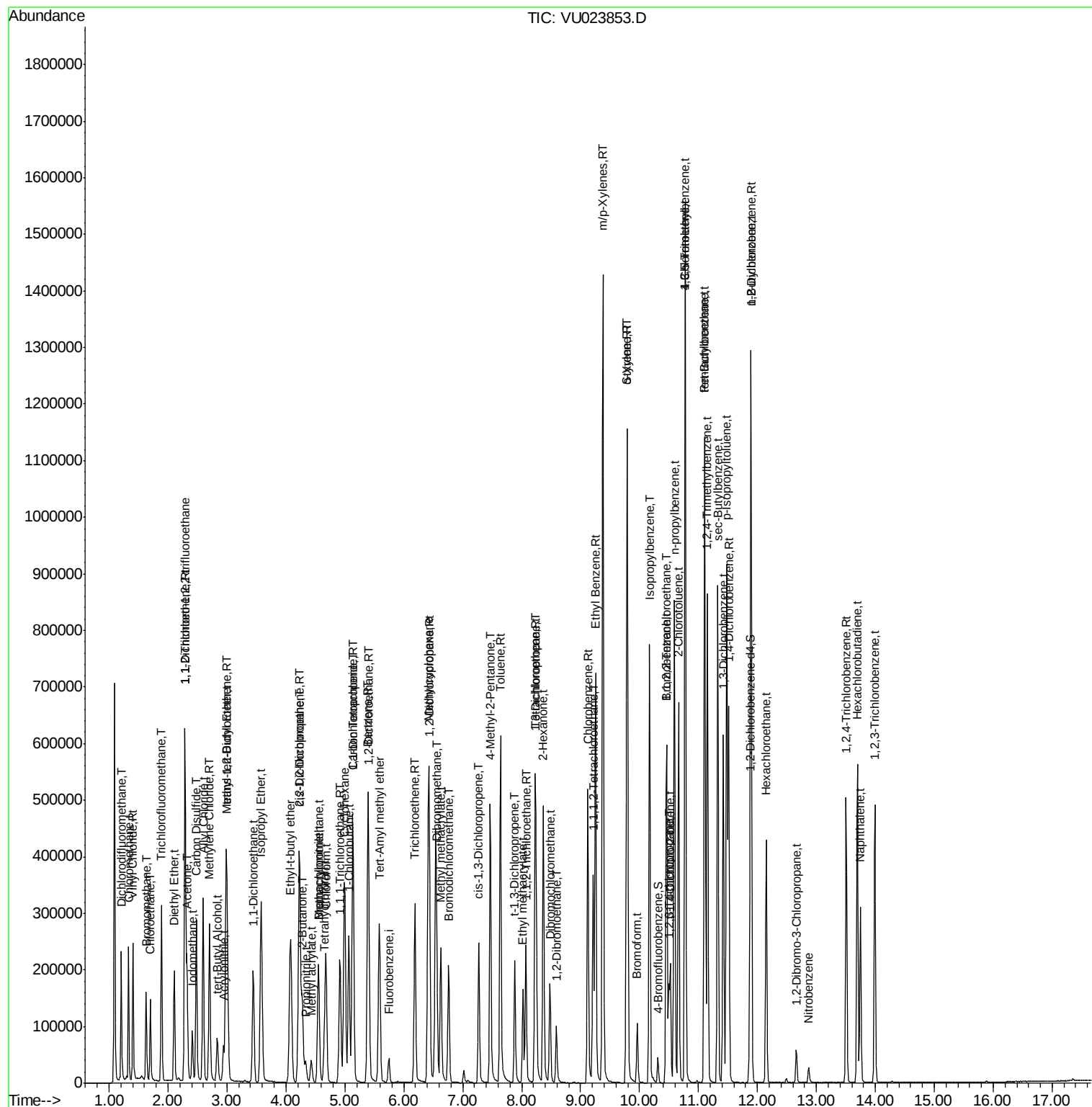
Quant Time: May 15 04:38:12 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\524U043018DW.M
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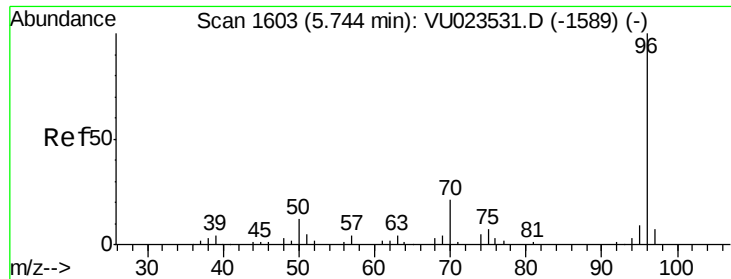
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	53531	9.857	ug/l	99
44) Bromodichloromethane	6.76	83	136931	10.034	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	345429	53.819	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	46758m	24.640	ug/l	
47) Methyl methacrylate	6.63	69	100610	20.447	ug/l	98
48) Ethyl methacrylate	8.02	69	88617	10.300	ug/l	99
49) Toluene	7.64	92	272857	10.261	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	119706	10.277	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	146192	9.643	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	74658	9.662	ug/l	99
53) 1,3-Dichloropropane	8.25	76	136004	9.901	ug/l	99
54) 2-Hexanone	8.37	43	319762	73.136	ug/l	99
55) Dibromochloromethane	8.48	129	89234	10.539	ug/l	99
56) 1,2-Dibromoethane	8.59	107	68077	10.225	ug/l	98
58) Tetrachloroethene	8.23	164	111918	9.932	ug/l	98
59) Chlorobenzene	9.12	112	288344	10.130	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	100303	10.375	ug/l	99
61) Pentachloroethane	11.10	117	74650	10.878	ug/l	97
62) Hexachloroethane	12.15	117	78190	11.872	ug/l	99
63) Ethyl Benzene	9.25	91	501832	10.607	ug/l	100
64) m/p-Xylenes	9.38	106	414239	22.703	ug/l	99
65) o-Xylene	9.78	106	192681	10.966	ug/l	98
66) Styrene	9.80	104	331328	11.434	ug/l	100
67) Bromoform	9.96	173	49458	11.184	ug/l	99
69) Isopropylbenzene	10.17	105	495688	10.952	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	93916	10.783	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	59124	9.485	ug/l #	94
72) Bromobenzene	10.46	156	122716	10.890	ug/l	99
73) n-propylbenzene	10.59	120	146731	11.728	ug/l	99
74) 2-Chlorotoluene	10.66	126	125630	11.356	ug/l	94
75) 1,3,5-Trimethylbenzene	10.78	105	451351	11.836	ug/l	99
76) 4-Chlorotoluene	10.78	126	130669	11.402	ug/l	98
77) tert-Butylbenzene	11.10	119	414293	11.597	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	464388	12.063	ug/l	100
79) sec-Butylbenzene	11.33	105	590984	11.814	ug/l	99
80) Nitrobenzene	12.87	77	16970	47.204	ug/l	99
81) p-Isopropyltoluene	11.48	119	502899	12.234	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	255607	11.365	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	260579	11.602	ug/l	98
84) n-Butylbenzene	11.89	91	488126	12.163	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	232727	11.462	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	14855	12.086	ug/l	99
87) 1,2,4-Trichlorobenzene	13.51	180	164253	11.184	ug/l	98
88) Hexachlorobutadiene	13.70	225	107073	12.024	ug/l	100
89) Naphthalene	13.75	128	247284	11.181	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	155320	11.267	ug/l	100

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tot Ion: 96 Resp: 40978

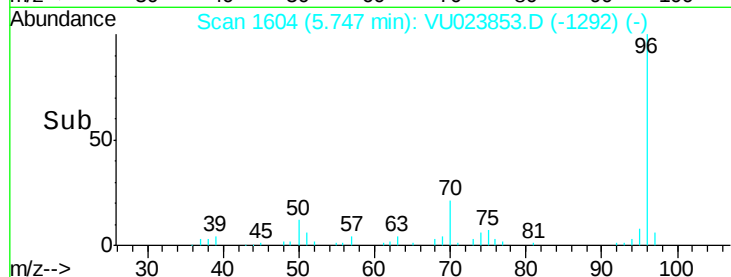
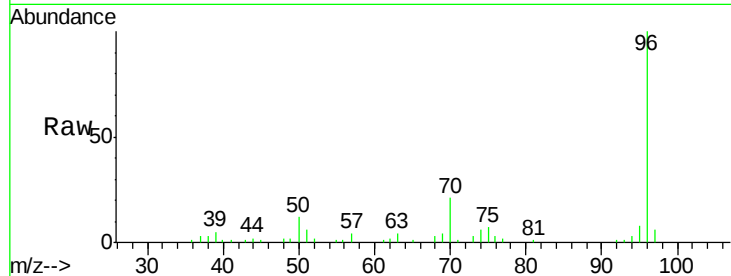
Ion Ratio Lower Upper

96 100

70 21.4 16.2 24.4

95 8.8 6.9 10.3

97 0.0 0.0 0.0

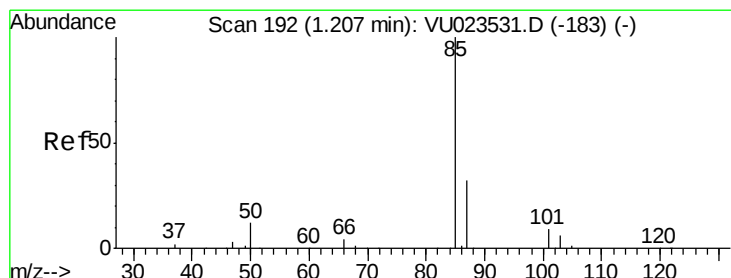
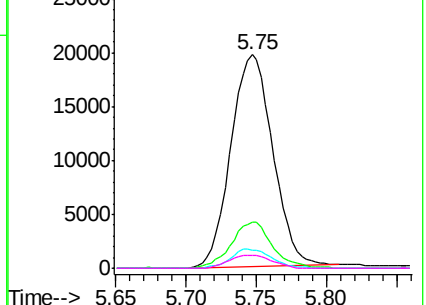


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 10.461 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU023853.D

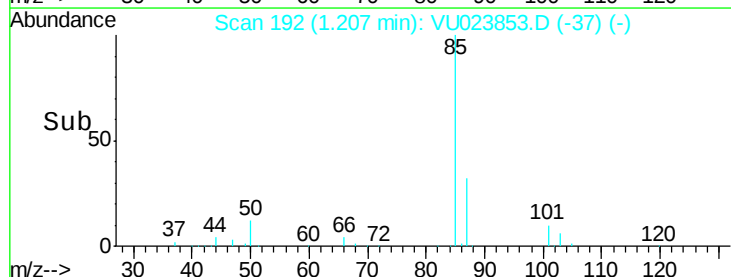
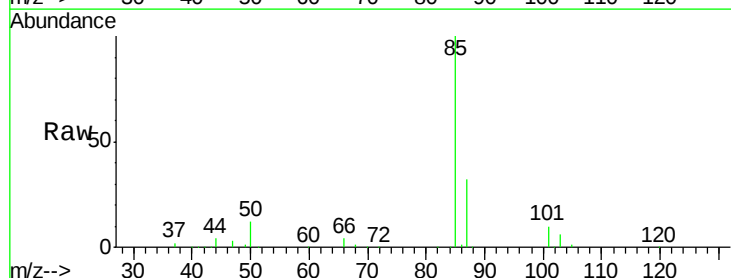
Acq: 14 May 2018 15:23

Tgt Ion: 85 Resp: 139192

Ion Ratio Lower Upper

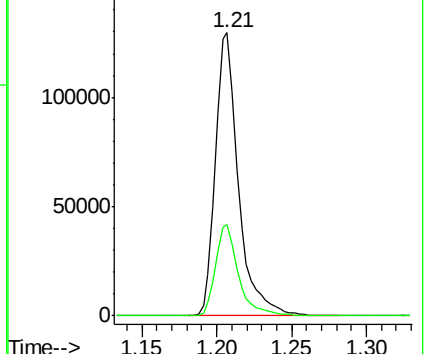
85 100

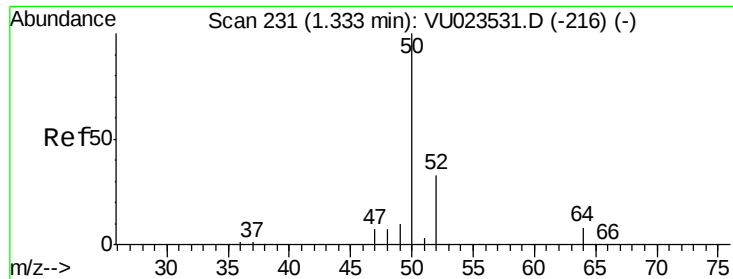
87 32.2 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.873 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU023853.D

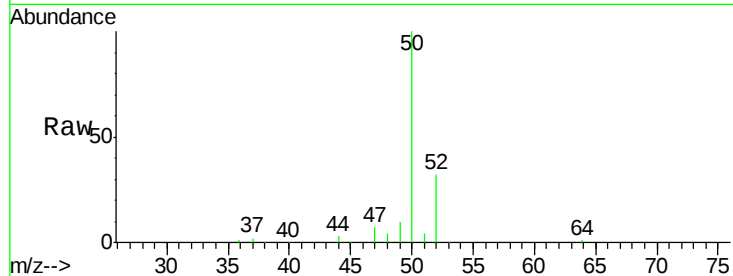
Acq: 14 May 2018 15:23

Tot Ion: 50 Resp: 152205

Ion Ratio Lower Upper

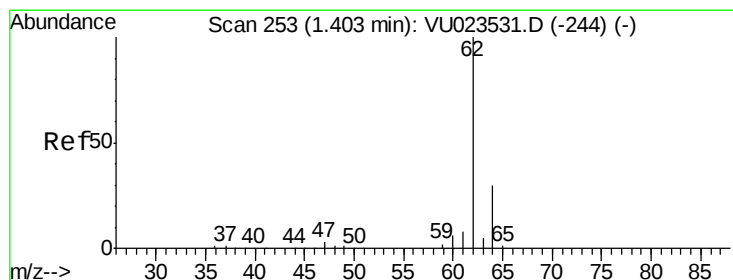
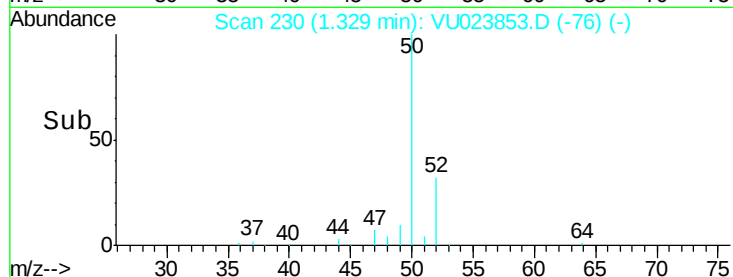
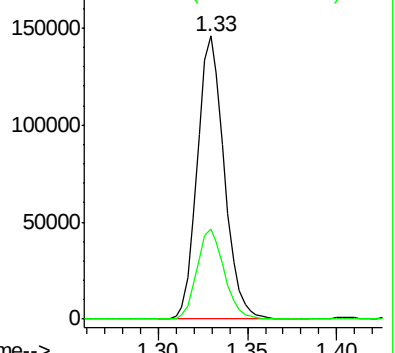
50 100

52 32.0 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 10.322 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023853.D

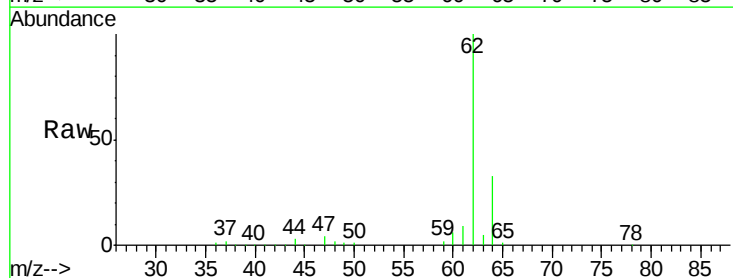
Acq: 14 May 2018 15:23

Tgt Ion: 62 Resp: 152654

Ion Ratio Lower Upper

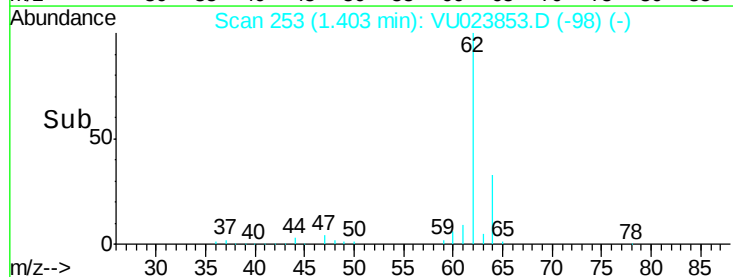
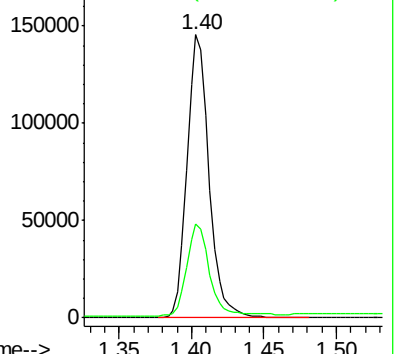
62 100

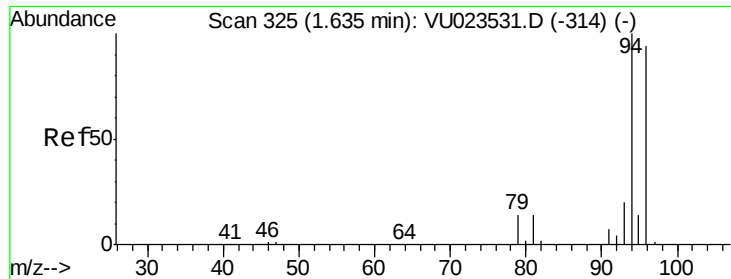
64 32.3 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

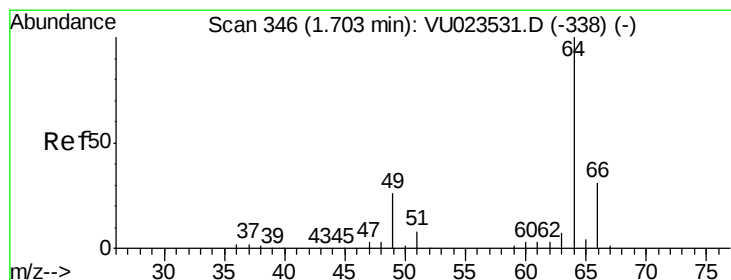
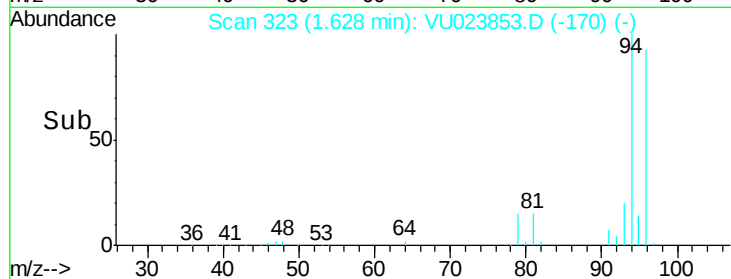
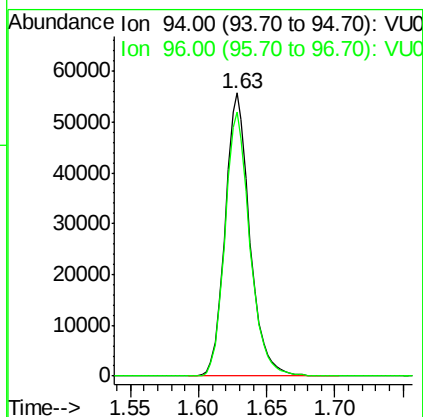
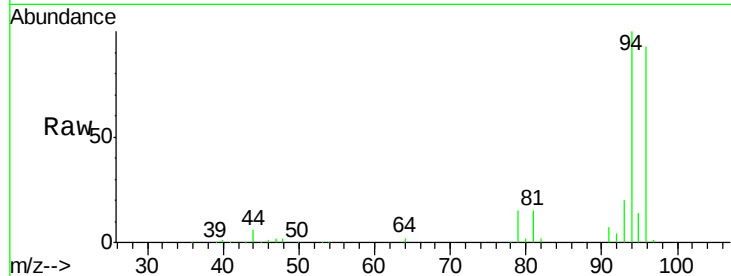
Ion 64.00 (63.70 to 64.70): VU0





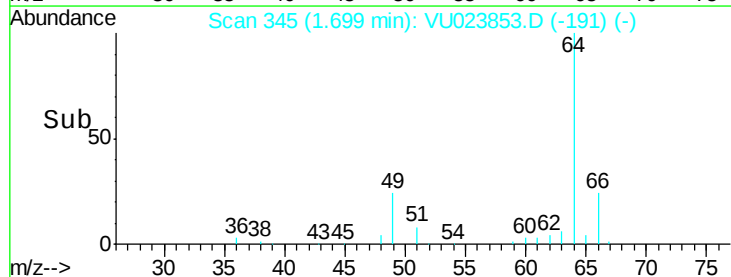
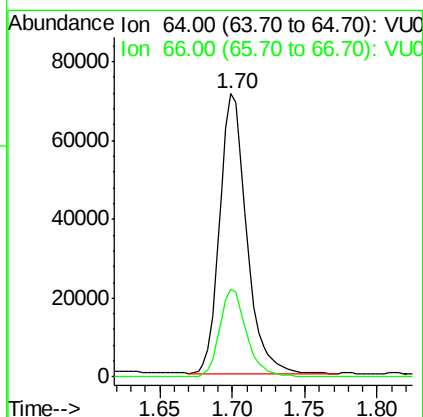
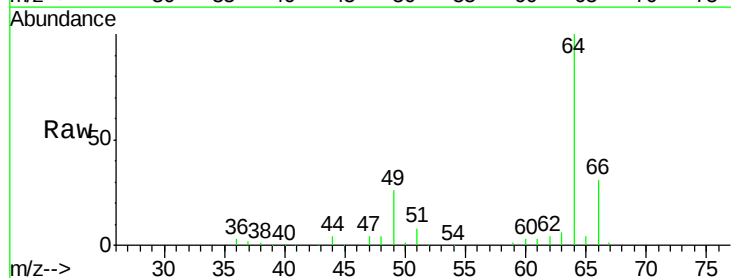
#5
Bromomethane
Concen: 8.848 ug/l
RT: 1.63 min Scan# 323
Delta R.T. -0.01 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

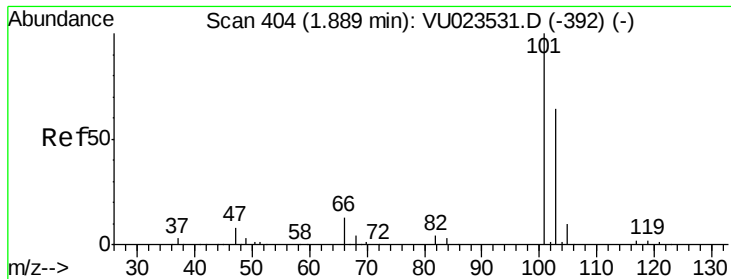
Tot Ion: 94 Resp: 69956
Ion Ratio Lower Upper
94 100
96 93.3 75.1 112.7



#6
Chloroethane
Concen: 11.123 ug/l
RT: 1.70 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tgt Ion: 64 Resp: 91569
Ion Ratio Lower Upper
64 100
66 31.4 24.9 37.3





#7

Trichlorofluoromethane

Concen: 11.190 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023853.D

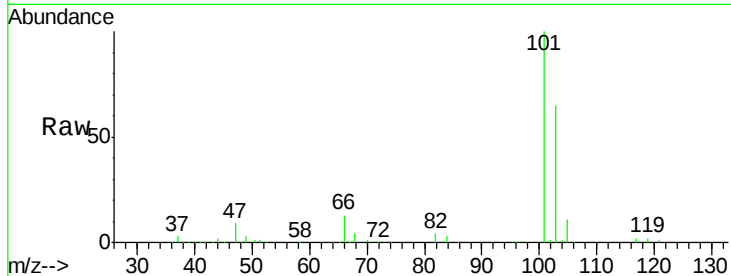
Acq: 14 May 2018 15:23

Tot Ion:101 Resp: 189954

Ion Ratio Lower Upper

101 100

103 65.0 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

100000

50000

0

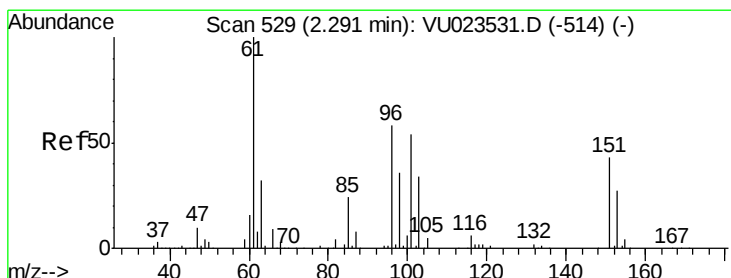
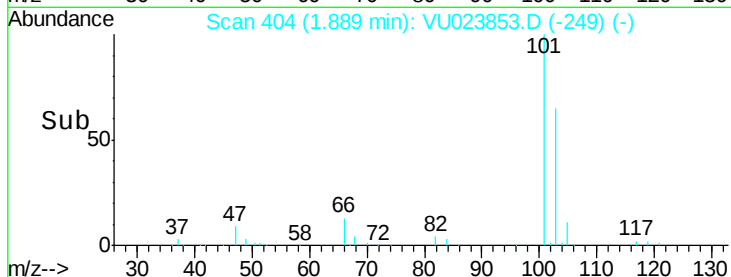
1.89

1.85

1.90

1.95

Time-->



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 10.779 ug/l

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

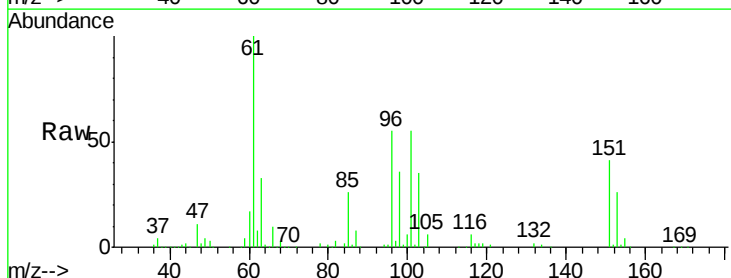
Tgt Ion:101 Resp: 112412

Ion Ratio Lower Upper

101 100

85 45.5 35.2 52.8

151 76.0 63.5 95.3



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

80000

60000

40000

20000

0

2.29

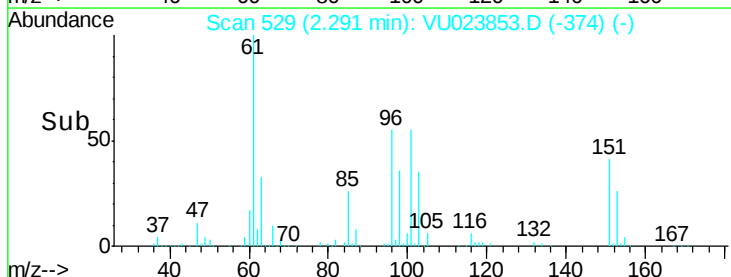
2.20

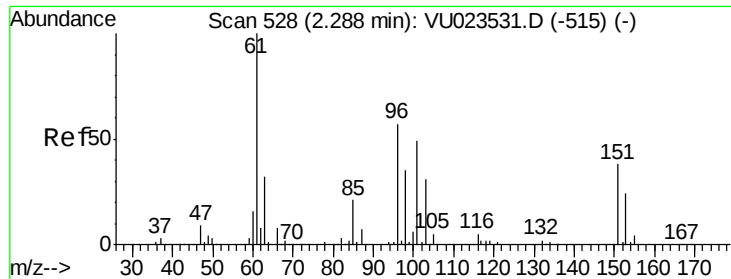
2.25

2.30

2.35

Time-->





#9

1,1-Dichloroethene

Concen: 10.579 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

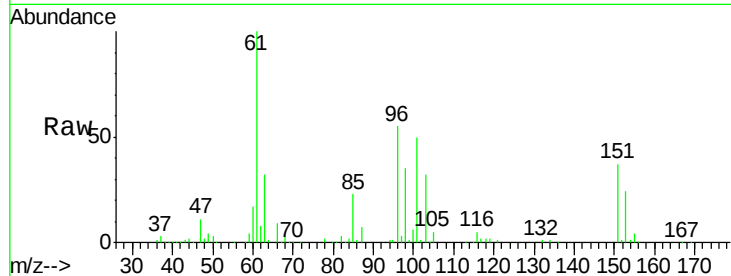
Tot Ion: 96 Resp: 102438

Ion Ratio Lower Upper

96 100

61 182.6 0.0 526.5

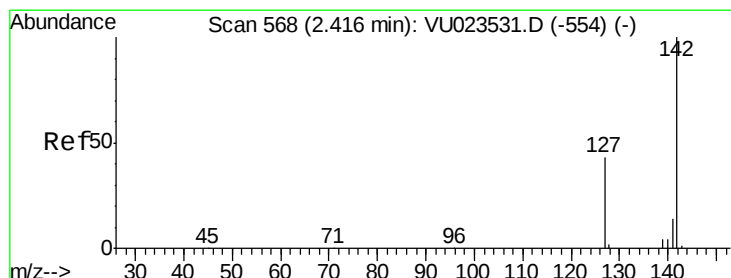
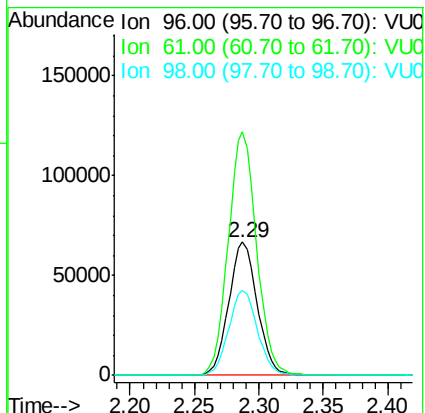
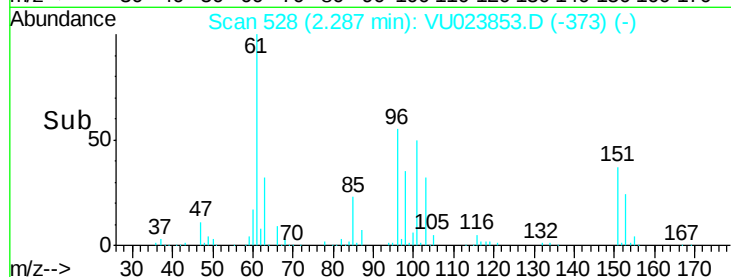
98 63.4 0.0 123.4



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: 7.340 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU023853.D

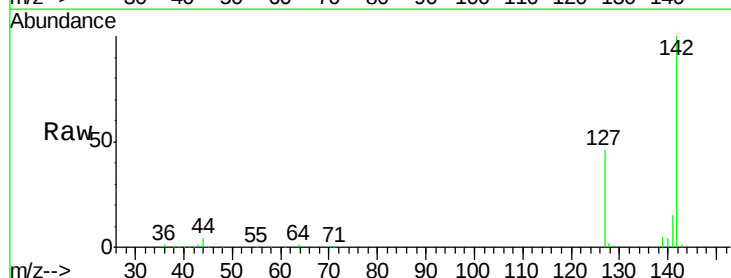
Acq: 14 May 2018 15:23

Tgt Ion: 142 Resp: 84516

Ion Ratio Lower Upper

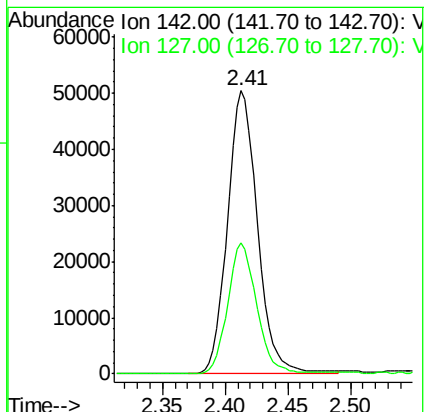
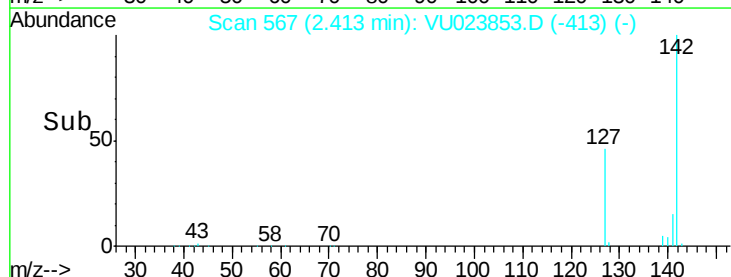
142 100

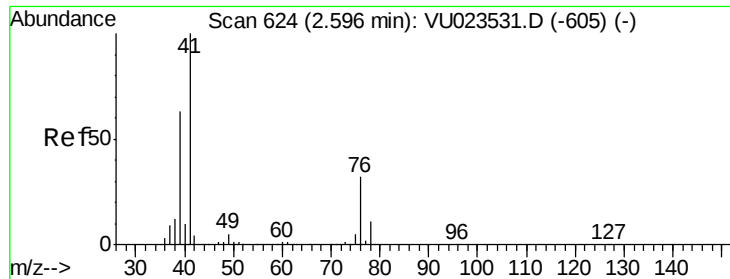
127 44.9 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 11.040 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU023853.D

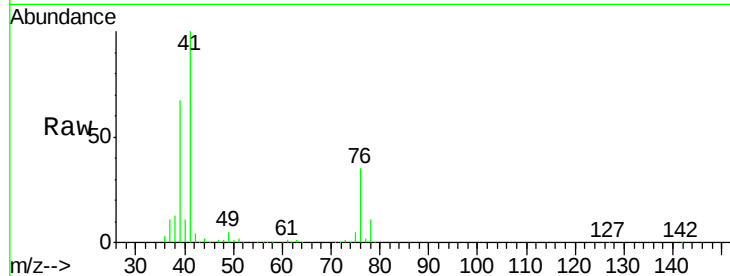
Acq: 14 May 2018 15:23

Tot Ion: 41 Resp: 196493

Ion Ratio Lower Upper

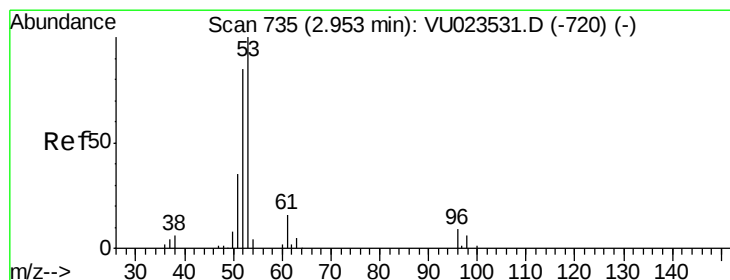
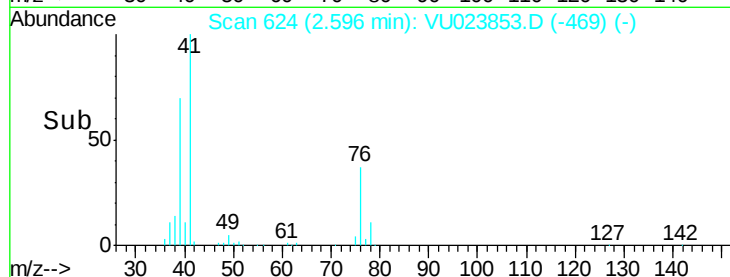
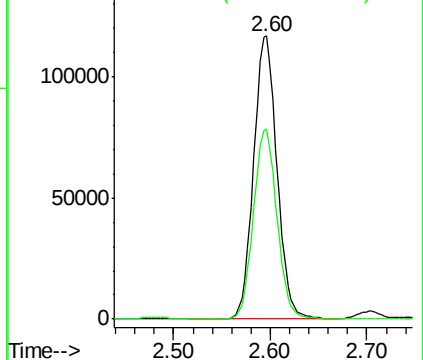
41 100

39 67.2 51.4 77.2



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 24.369 ug/l

RT: 2.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

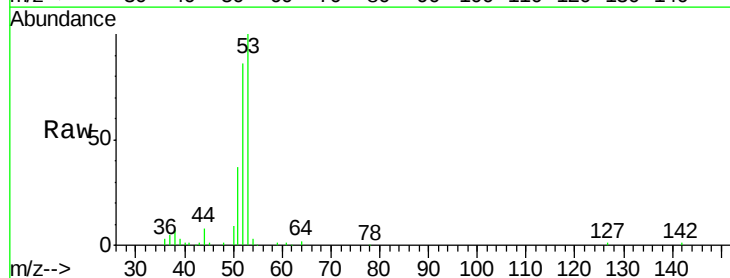
Tgt Ion: 53 Resp: 48694

Ion Ratio Lower Upper

53 100

52 86.5 65.1 97.7

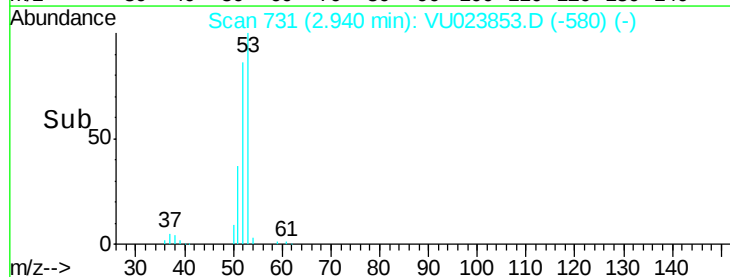
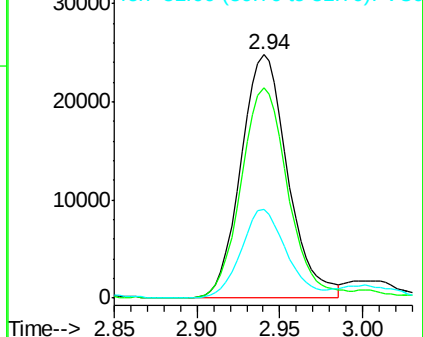
51 35.2 30.2 45.4

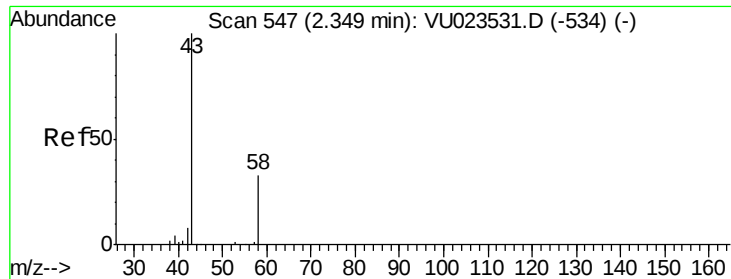


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 127.307 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.03 min

Lab File: VU023853.D

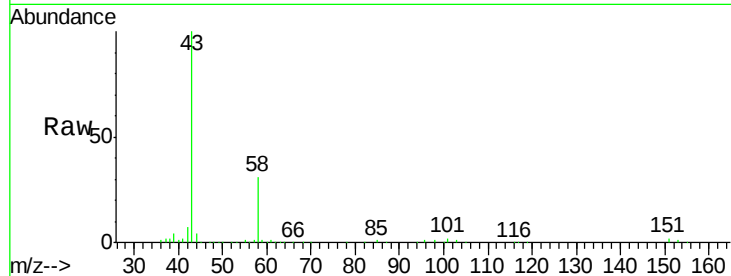
Acq: 14 May 2018 15:23

Tot Ion: 43 Resp: 215903

Ion Ratio Lower Upper

43 100

58 30.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

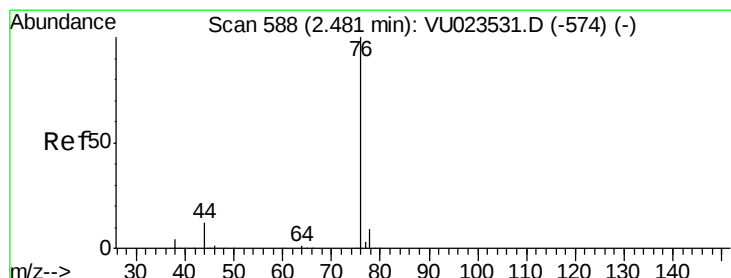
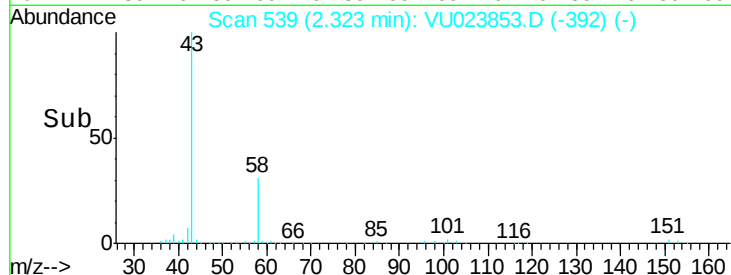
150000

100000

50000

0

Time-->



#14

Carbon Disulfide

Concen: 10.932 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023853.D

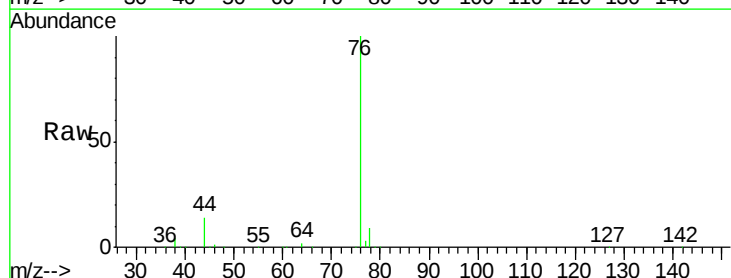
Acq: 14 May 2018 15:23

Tgt Ion: 76 Resp: 348235

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

250000

200000

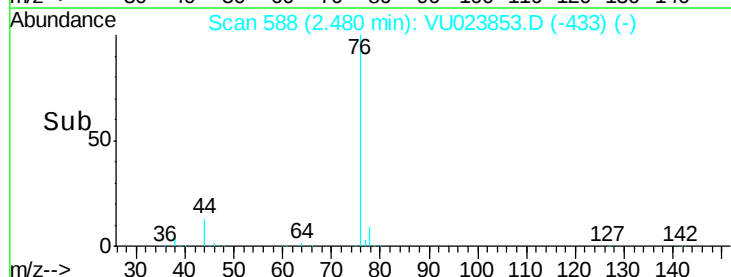
150000

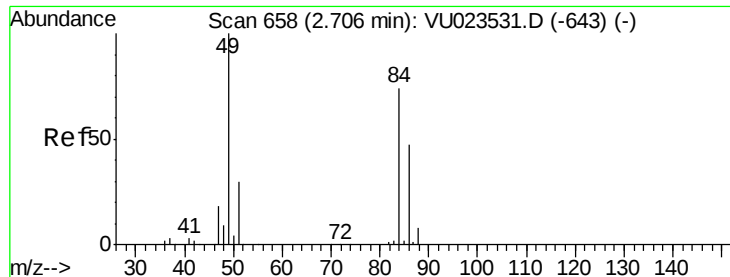
100000

50000

0

Time-->

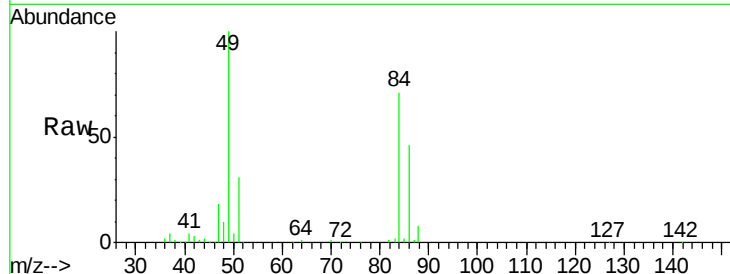




#15
Methvlene Chloride
Concen: 10.439 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tot Ion: 84 Resp: 115130

Ion	Ratio	Lower	Upper
84	100		
49	140.0	108.7	163.1
51	42.8	0.0	82.4
86	64.2	50.7	76.1

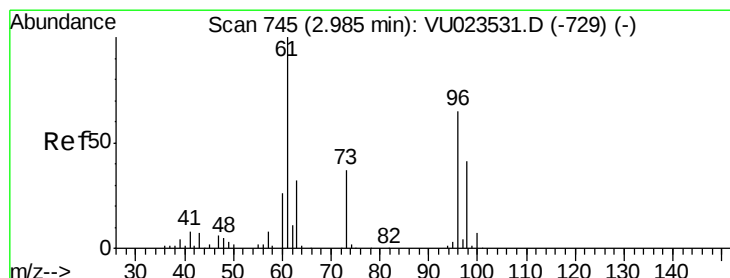
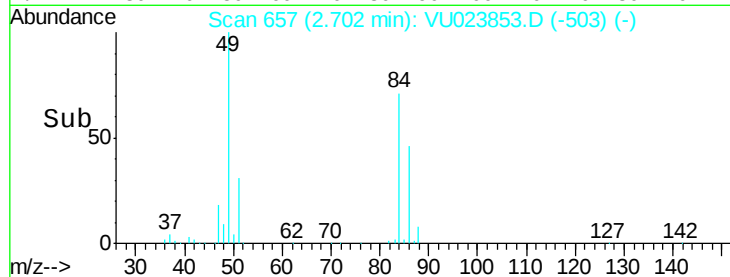
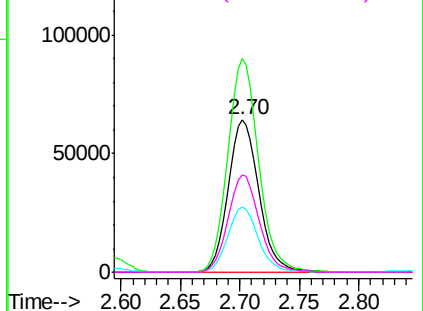


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

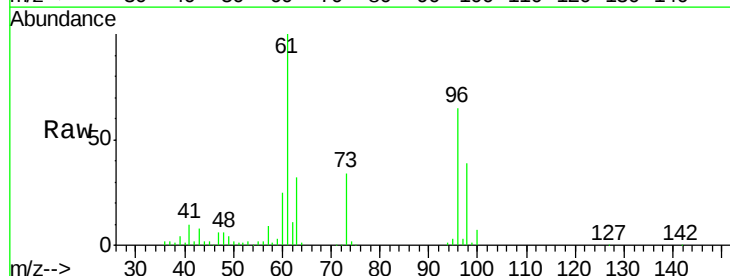
Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 10.777 ug/l
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tgt Ion: 96 Resp: 111801

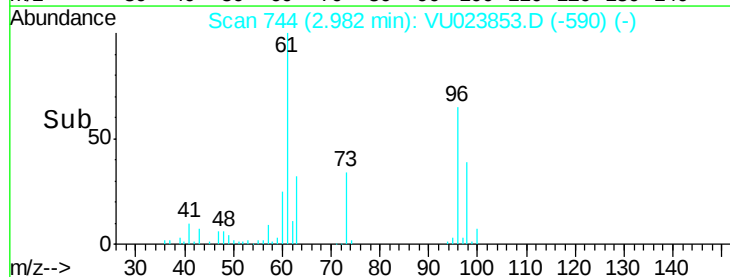
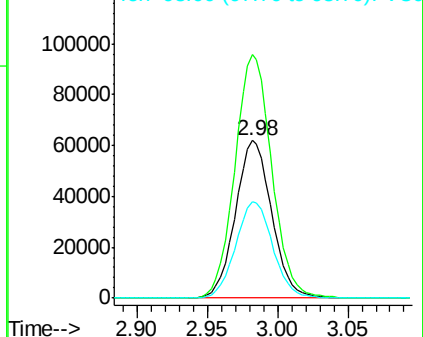
Ion	Ratio	Lower	Upper
96	100		
61	154.5	123.9	185.9
98	61.0	50.6	76.0

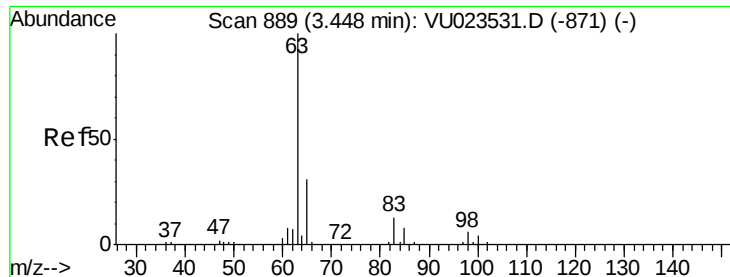


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

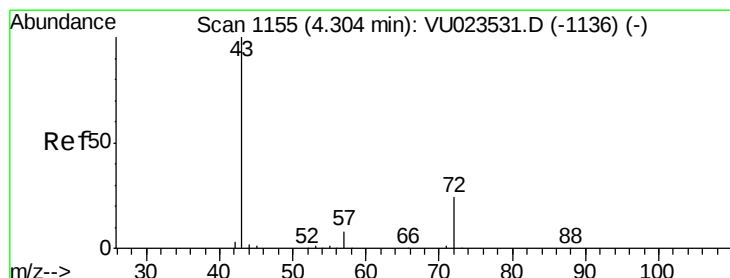
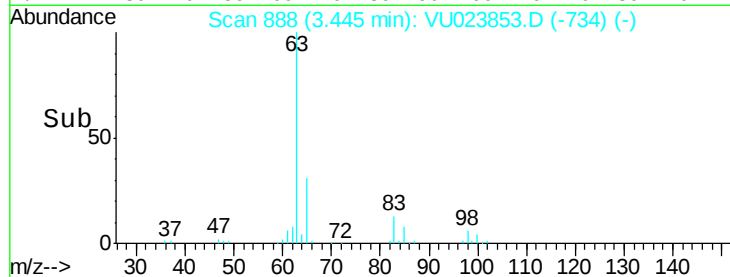
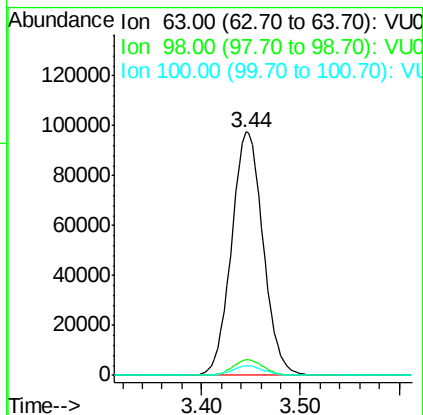
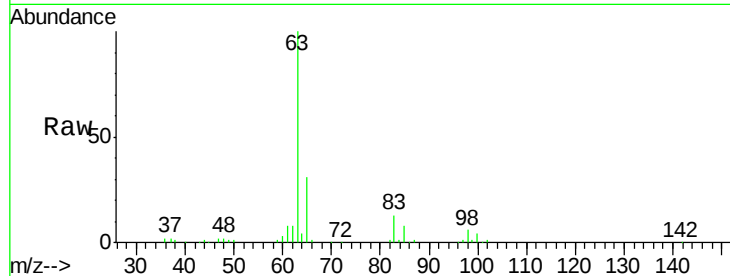
Ion 98.00 (97.70 to 98.70): VU0





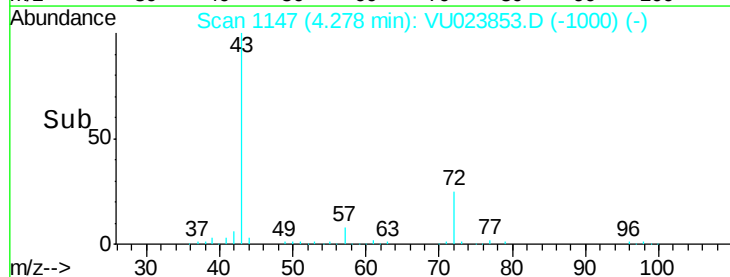
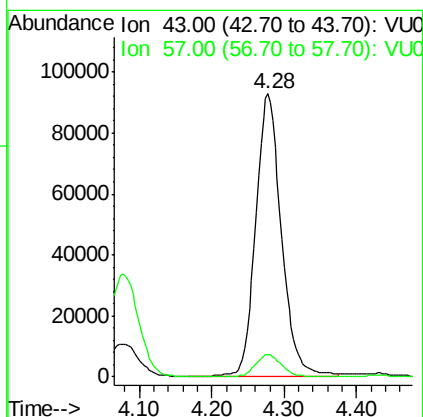
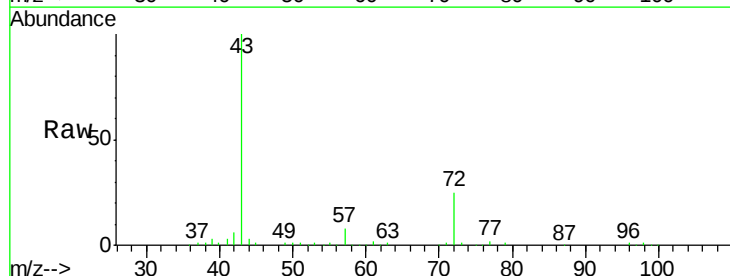
#17
 1,1-Dichloroethane
 Concen: 10.622 ug/l
 RT: 3.44 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

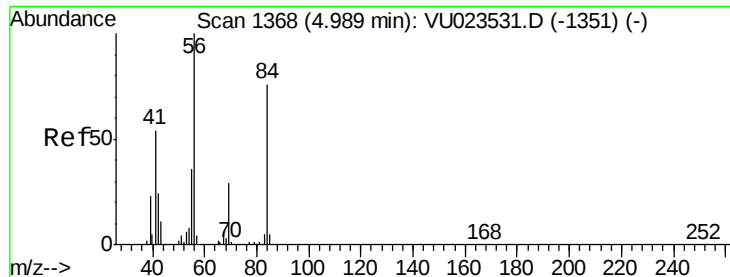
Tot Ion: 63 Resp: 217063
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 4.0 2.0 5.8



#18
 2-Butanone
 Concen: 83.218 ug/l
 RT: 4.28 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion: 43 Resp: 228054
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 15.8





#19

Cyclohexane

Concen: 9.067 ug/l

RT: 4.99 min Scan# 1370

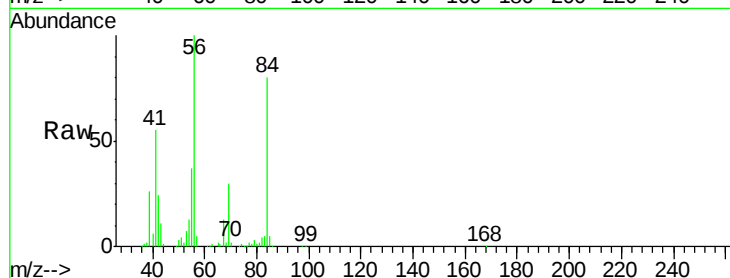
Delta R.T. 0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tot Ion: 56 Resp: 160089

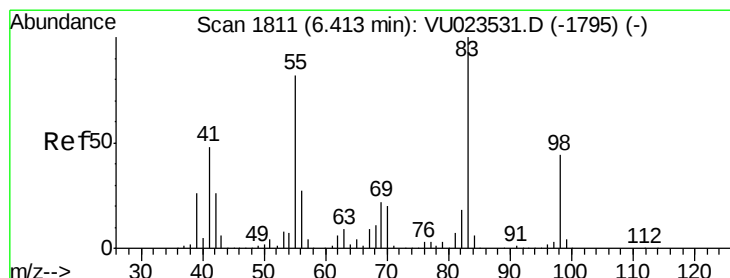
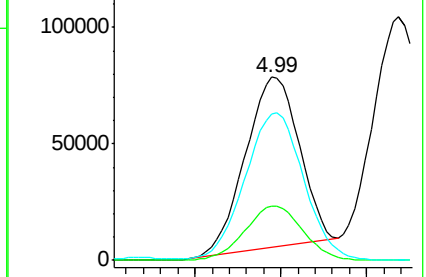
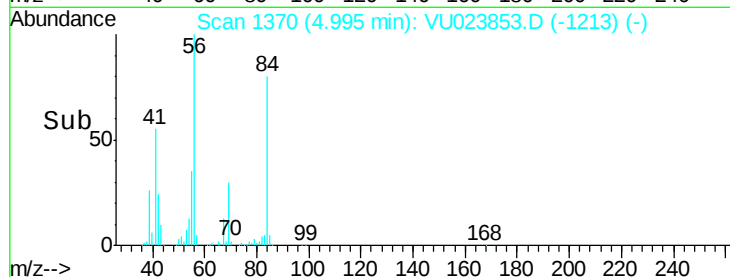
Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.0	39.0
84	92.9	68.3	102.5



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: 9.655 ug/l

RT: 6.42 min Scan# 1813

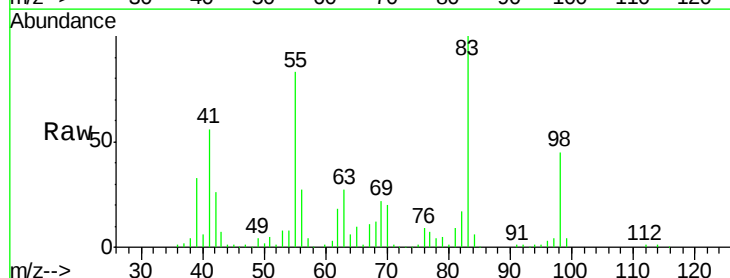
Delta R.T. 0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tgt Ion: 83 Resp: 173916

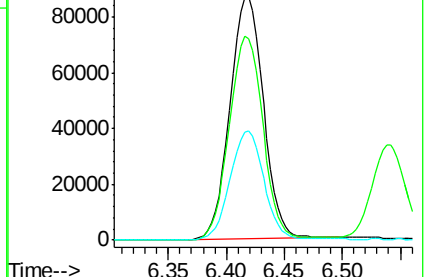
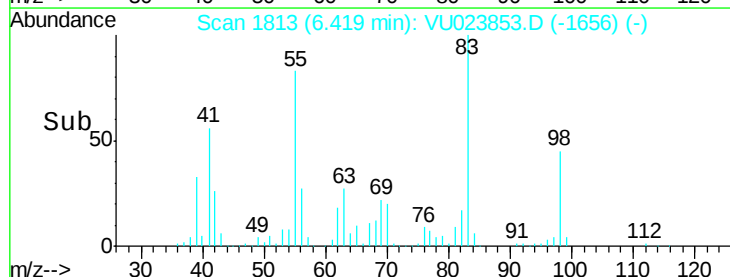
Ion	Ratio	Lower	Upper
83	100		
55	83.6	66.4	99.6
98	44.9	35.4	53.2

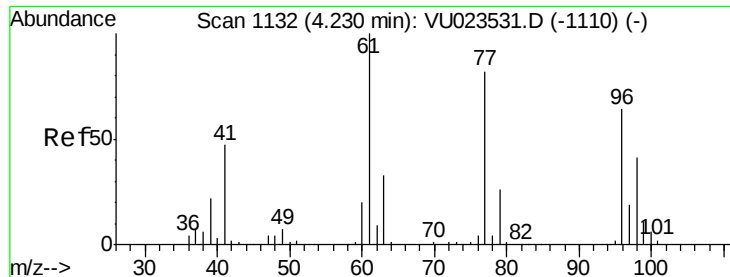


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

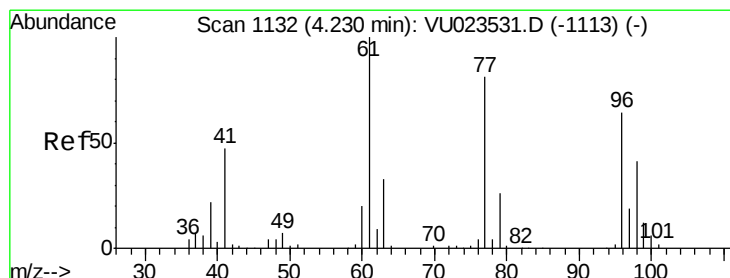
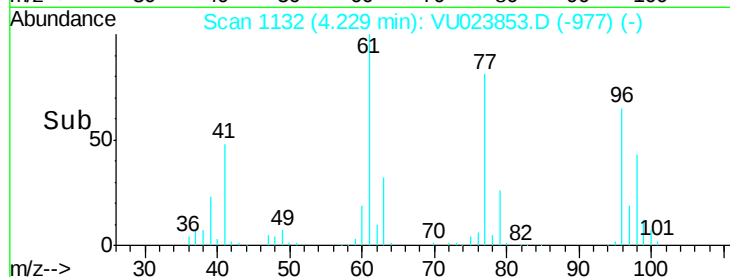
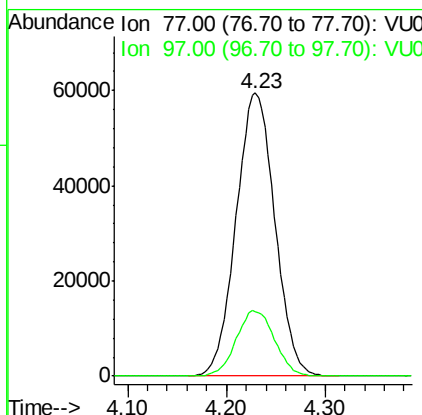
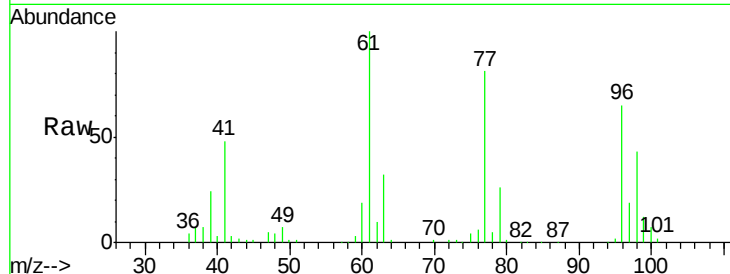
Ion 98.00 (97.70 to 98.70): VU0





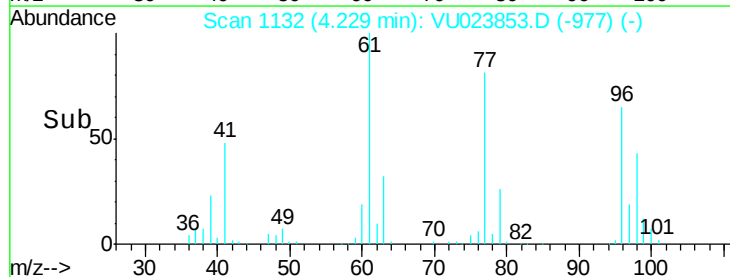
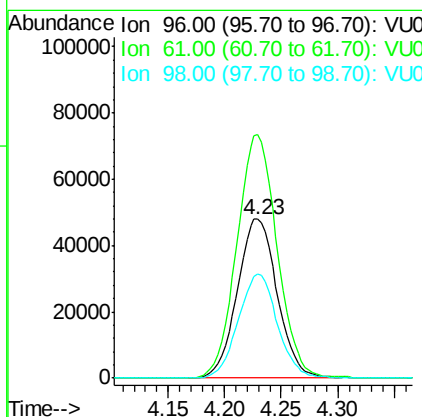
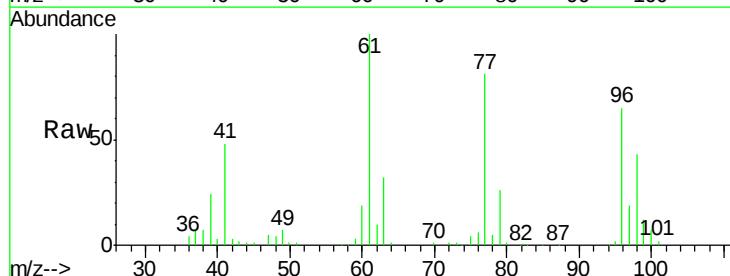
#21
 2,2-Dichloropropane
 Concen: 9.993 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

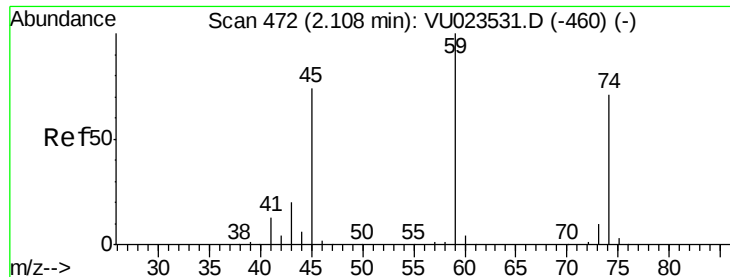
Tot Ion: 77 Resp: 161936
 Ion Ratio Lower Upper
 77 100
 97 22.9 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 10.482 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion: 96 Resp: 117679
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 400.5
 98 64.4 32.2 96.6





#23

Diethyl Ether

Concen: 10.662 ug/l

RT: 2.10 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

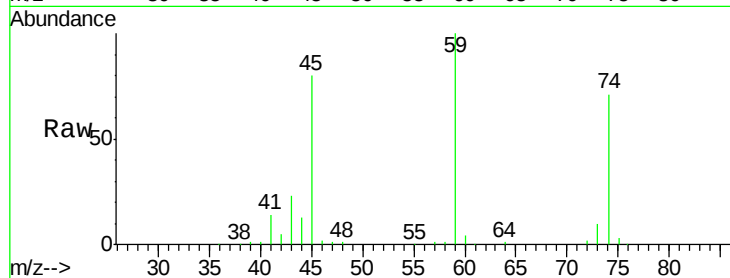
Tot Ion: 59 Resp: 84403

Ion Ratio Lower Upper

59 100

45 79.1 60.0 90.0

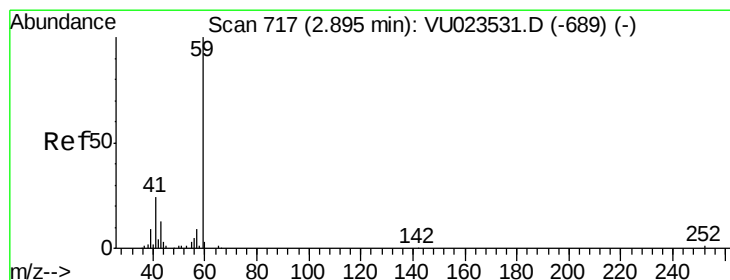
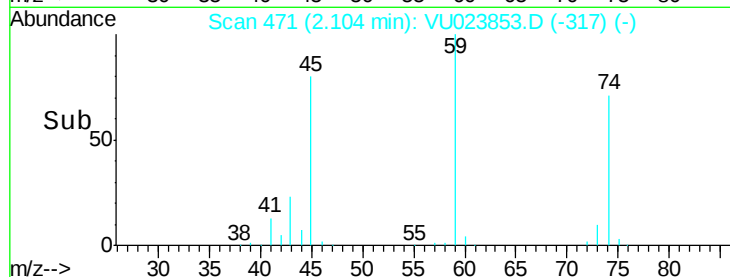
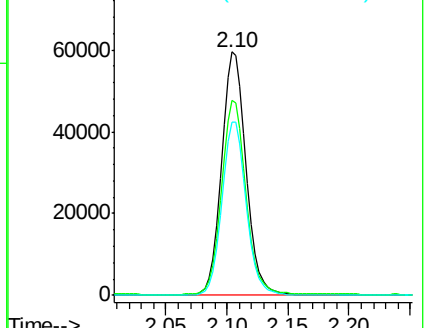
74 70.4 56.5 84.7



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: 141.420 ug/l

RT: 2.84 min Scan# 699

Delta R.T. -0.06 min

Lab File: VU023853.D

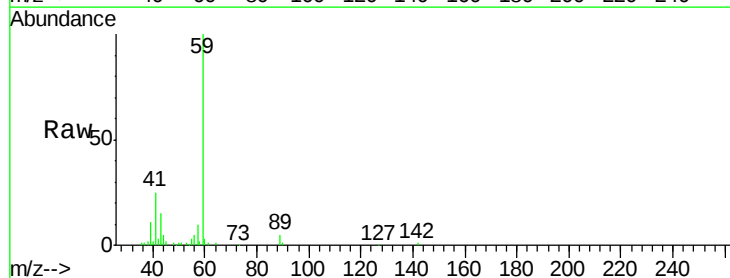
Acq: 14 May 2018 15:23

Tgt Ion: 59 Resp: 84416

Ion Ratio Lower Upper

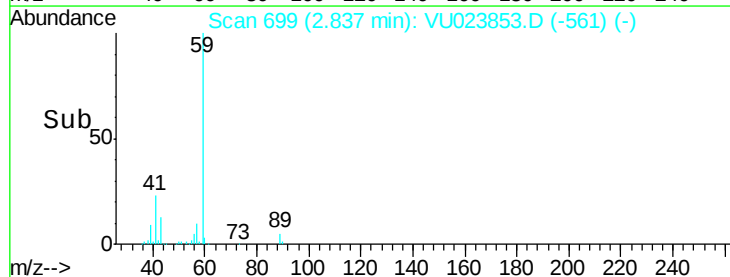
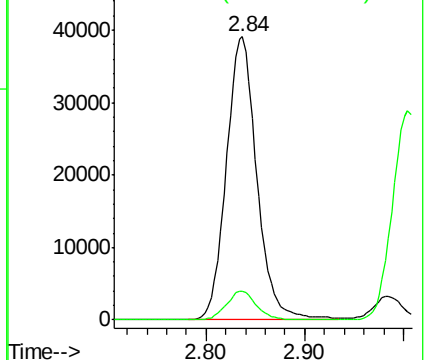
59 100

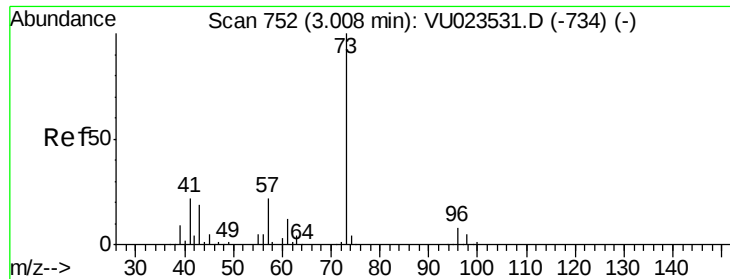
57 9.9 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

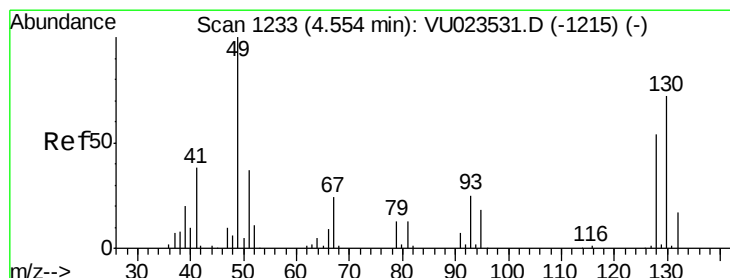
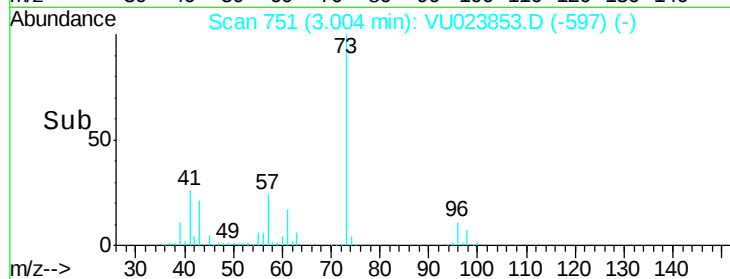
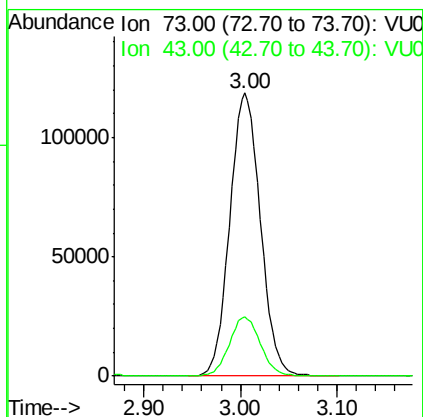
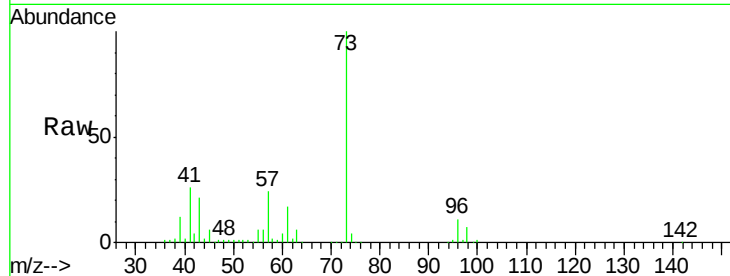




#25

Methyl tert-Butyl Ether
 Concen: 10.730 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

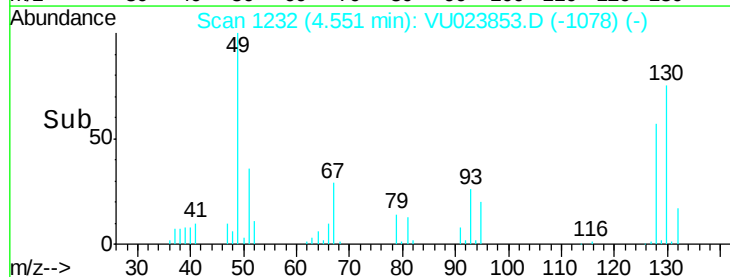
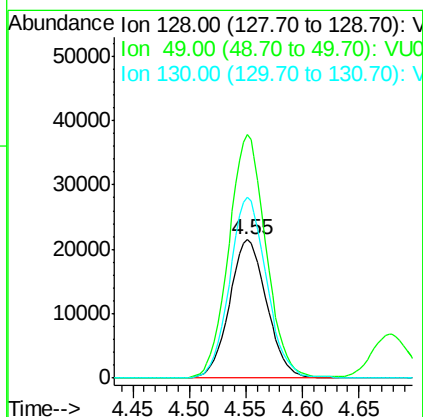
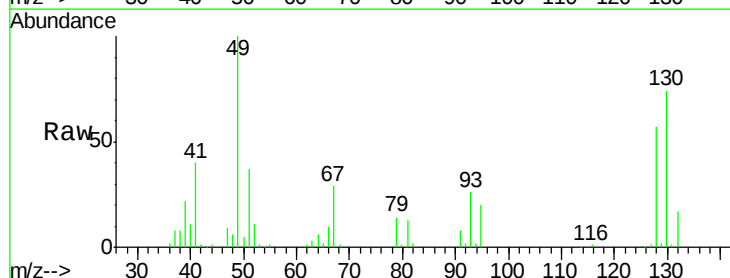
Tot Ion: 73 Resp: 261103
 Ion Ratio Lower Upper
 73 100
 43 20.8 16.2 24.2

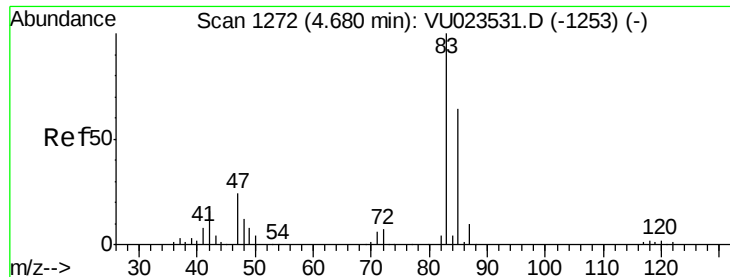


#26

Bromochloromethane
 Concen: 11.119 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion: 128 Resp: 49327
 Ion Ratio Lower Upper
 128 100
 49 175.2 0.0 375.2
 130 129.5 105.8 158.6





#27

Chloroform

Concen: 10.584 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023853.D

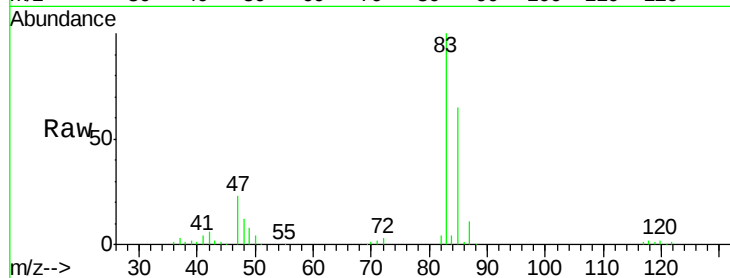
Acq: 14 May 2018 15:23

Tot Ion: 83 Resp: 203675

Ion Ratio Lower Upper

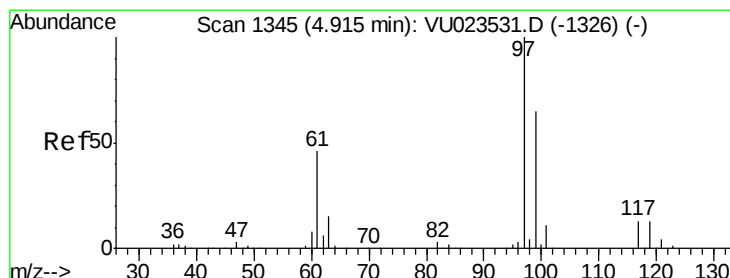
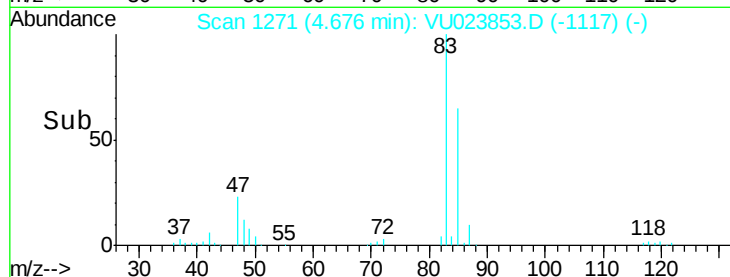
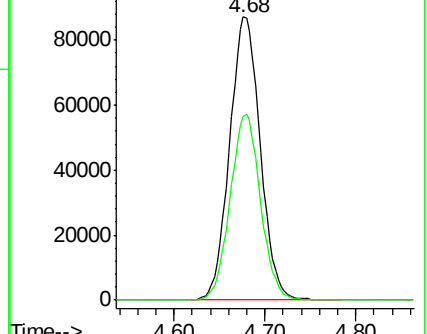
83 100

85 64.9 0.0 128.4



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: 10.577 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

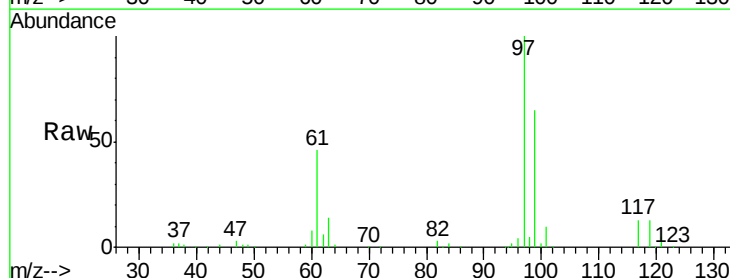
Tgt Ion: 97 Resp: 166972

Ion Ratio Lower Upper

97 100

99 64.5 32.3 96.9

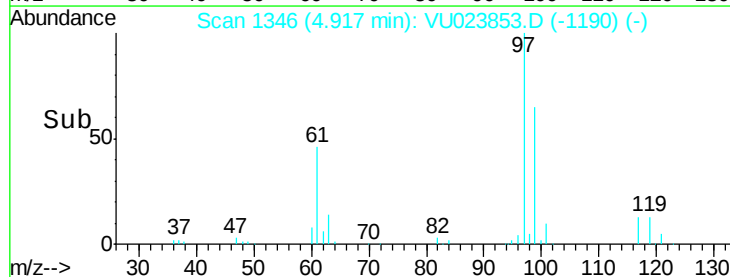
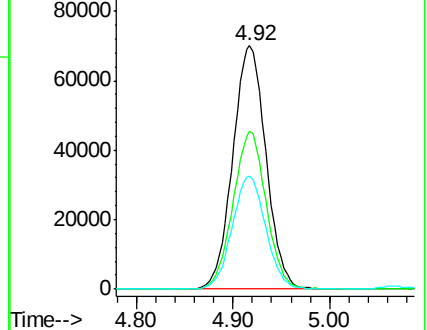
61 46.8 23.2 69.5

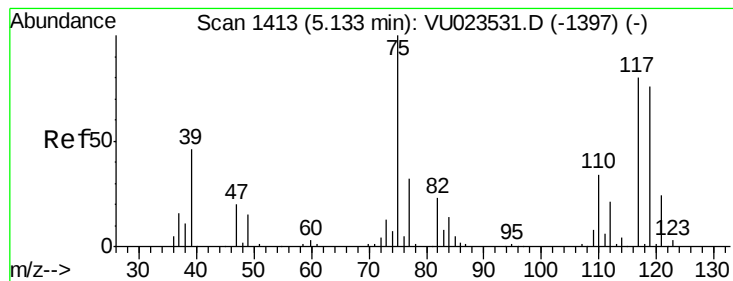


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 10.077 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

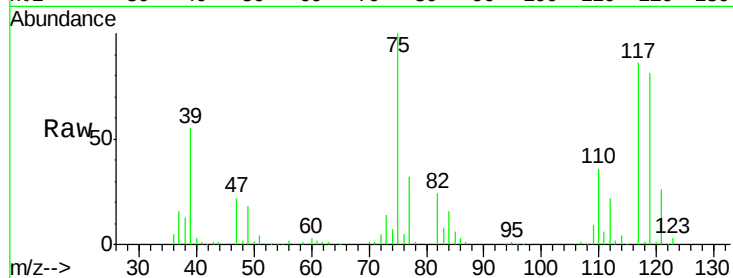
Tot Ion: 75 Resp: 156088

Ion Ratio Lower Upper

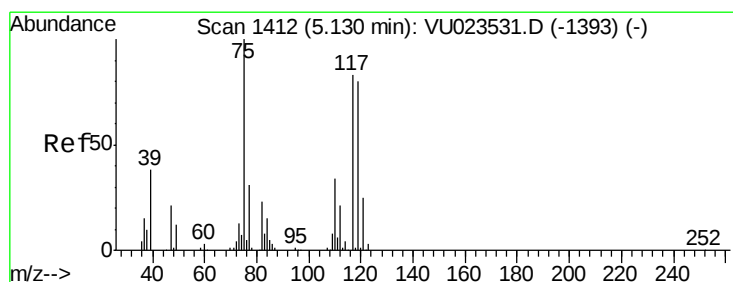
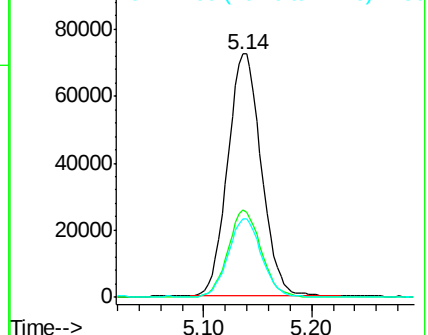
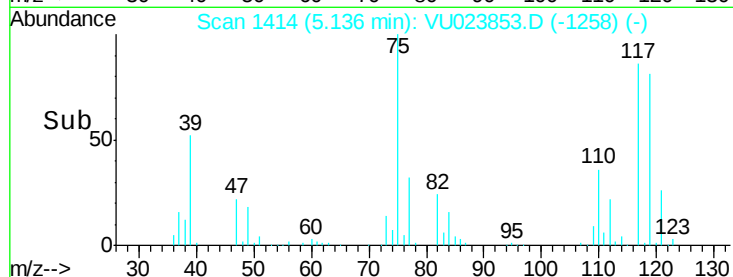
75 100

110 35.6 16.9 50.7

77 31.7 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU023853.D (-1258) (-)



#30

Carbon Tetrachloride

Concen: 10.768 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

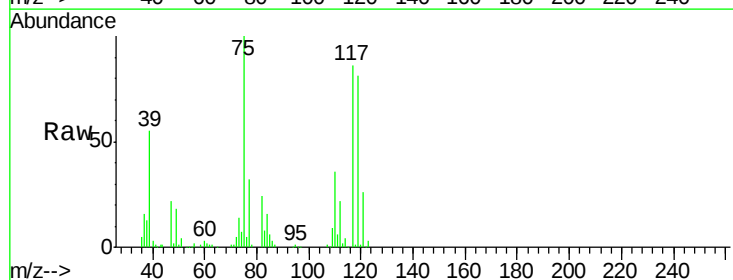
Tgt Ion: 117 Resp: 143009

Ion Ratio Lower Upper

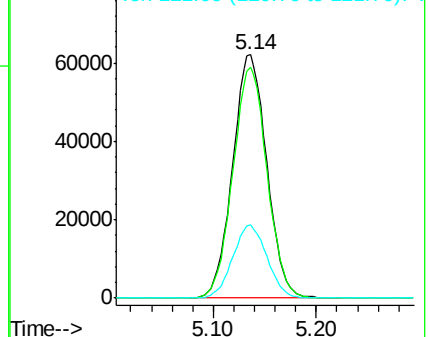
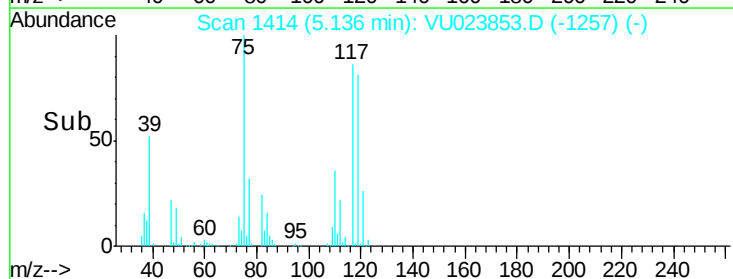
117 100

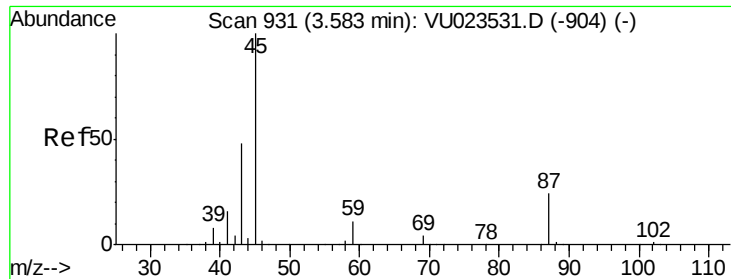
119 94.8 77.3 115.9

121 29.9 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): VU023853.D (-1257) (-)





#31

Isopropyl Ether

Concen: 9.423 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU023853.D

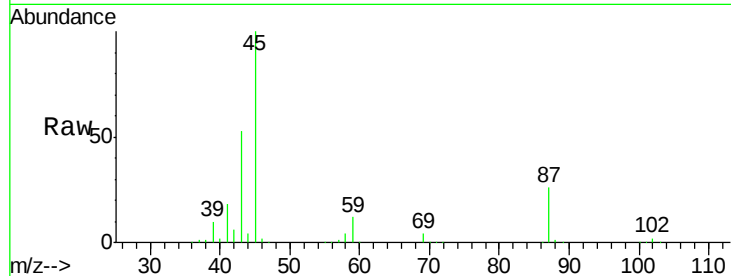
Acq: 14 May 2018 15:23

Tot Ion: 45 Resp: 325032

Ion Ratio Lower Upper

45 100

43 52.3 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU023853.D (-930) (-)

Ion 43.00 (42.70 to 43.70): VU023853.D (-930) (-)

150000

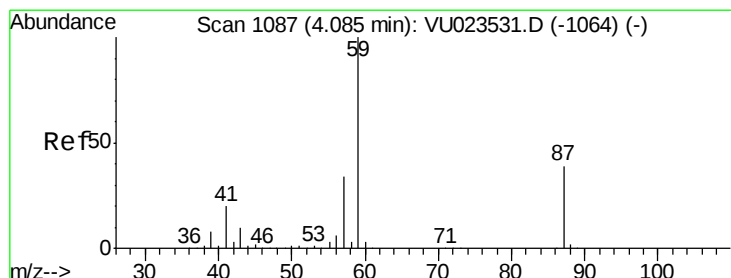
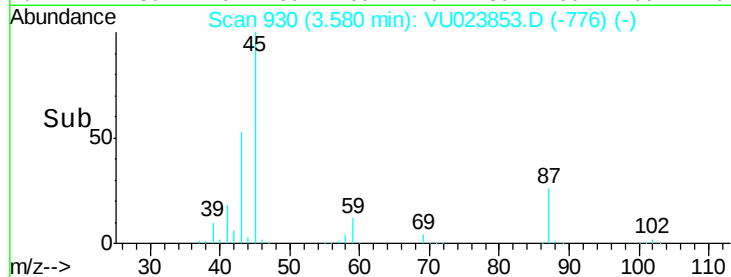
100000

50000

0

3.50 3.60 3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.456 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VU023853.D

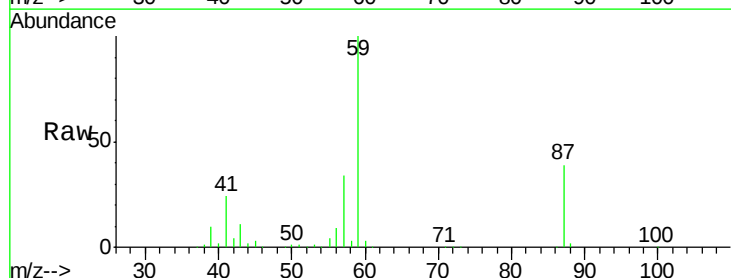
Acq: 14 May 2018 15:23

Tgt Ion: 59 Resp: 278701

Ion Ratio Lower Upper

59 100

87 39.8 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU023853.D (-1085) (-)

Ion 87.00 (86.70 to 87.70): VU023853.D (-1085) (-)

100000

80000

60000

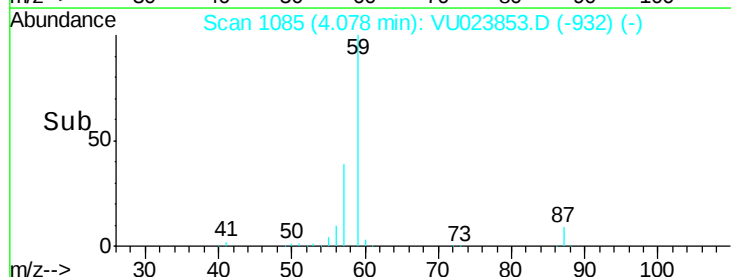
40000

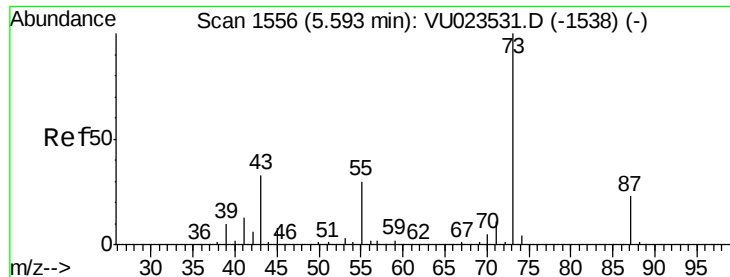
20000

0

4.00 4.10 4.20

Time-->

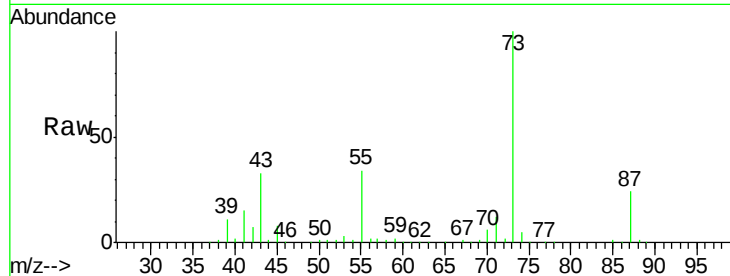




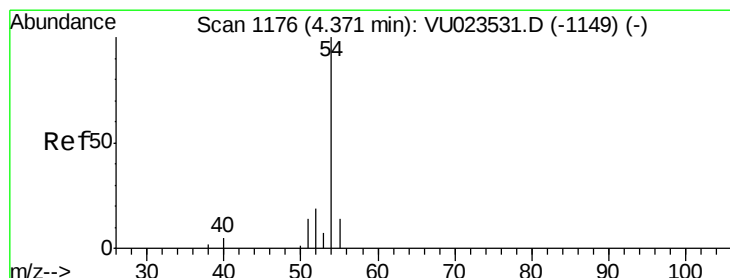
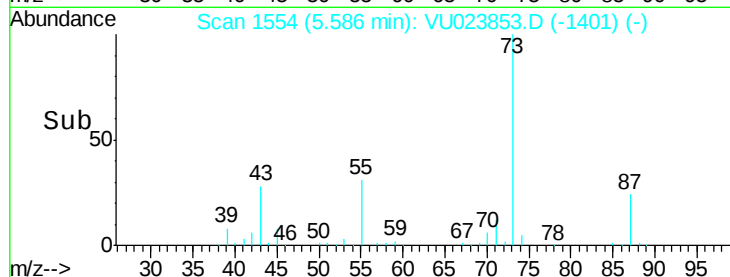
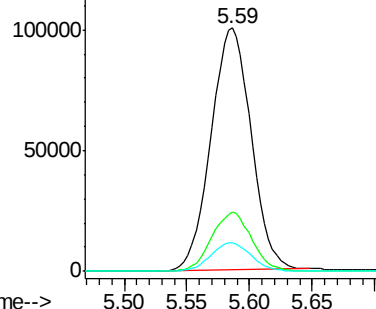
#33

Tert-Butyl methyl ether
 Concen: 8.955 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion:	73	Resp:	223406
Ion	Ratio	Lower	Upper
73	100		
87	24.1	18.6	28.0
71	12.0	9.3	13.9



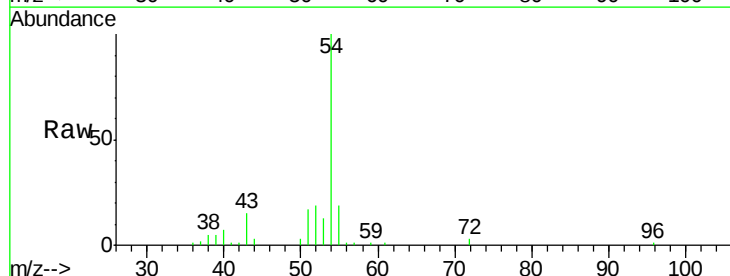
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



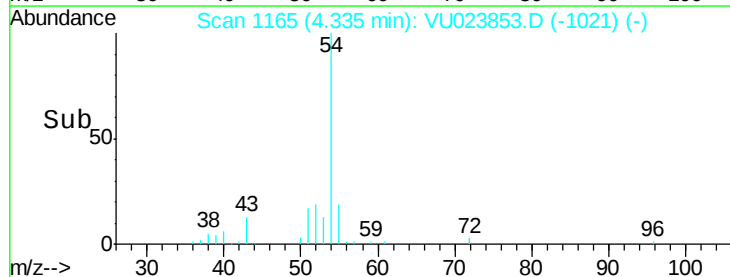
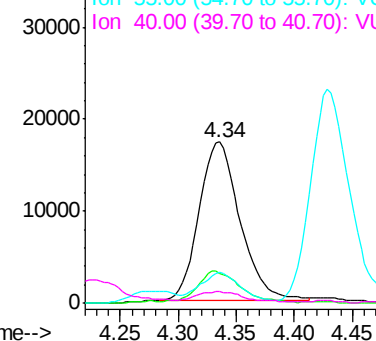
#34

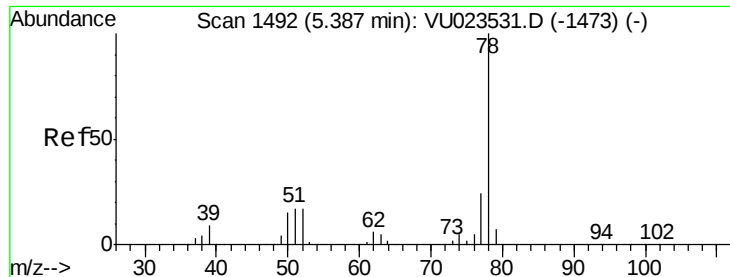
Propionitrile
 Concen: 54.152 ug/l
 RT: 4.34 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion:	54	Resp:	42254
Ion	Ratio	Lower	Upper
54	100		
52	21.3	13.7	20.5#
55	16.9	10.2	15.2#
40	8.8	3.5	5.3#



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: 9.824 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU023853.D

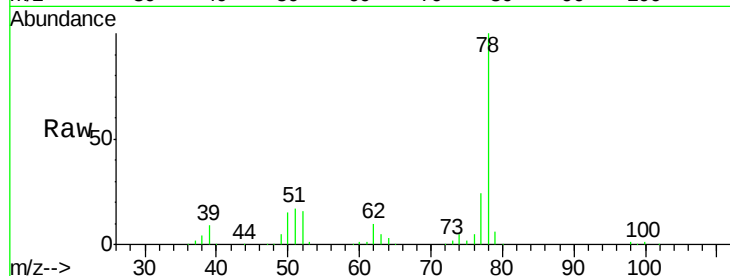
Acq: 14 May 2018 15:23

Tot Ion: 78 Resp: 452263

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU023853.D (-1493) (-)

Ion 77.00 (76.70 to 77.70): VU023853.D (-1493) (-)

5.39

200000

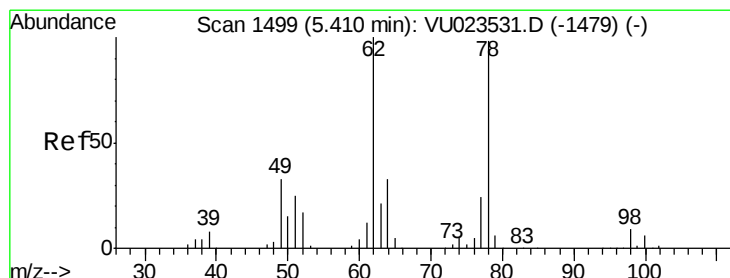
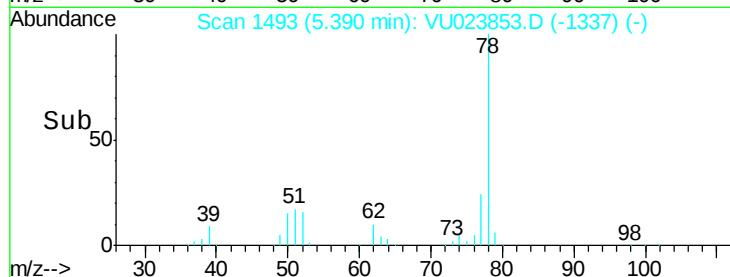
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.518 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023853.D

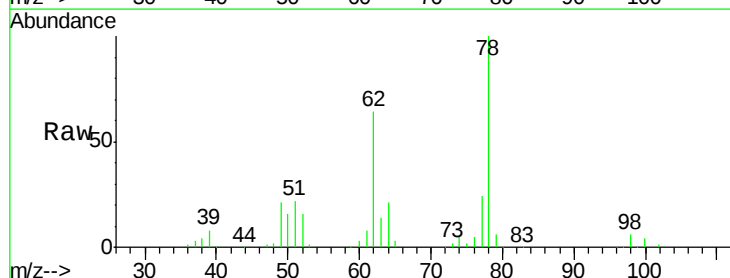
Acq: 14 May 2018 15:23

Tgt Ion: 62 Resp: 123925

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU023853.D (-1499) (-)

Ion 98.00 (97.70 to 98.70): VU023853.D (-1499) (-)

5.41

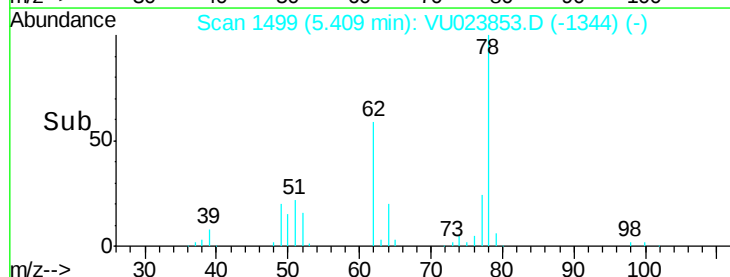
60000

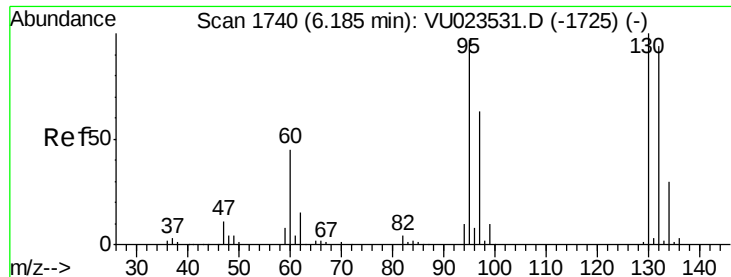
40000

20000

0

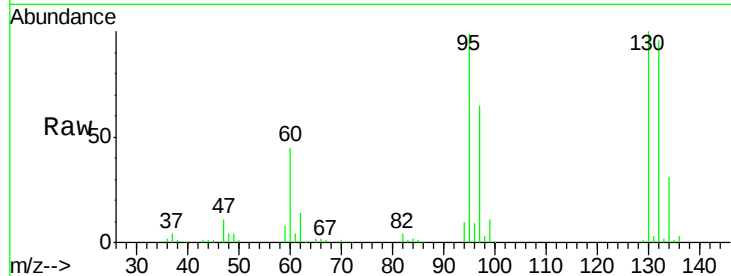
Time-->



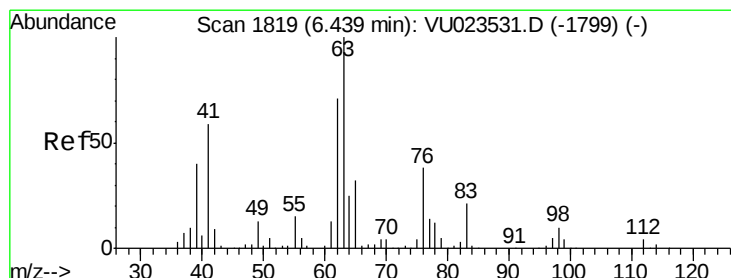
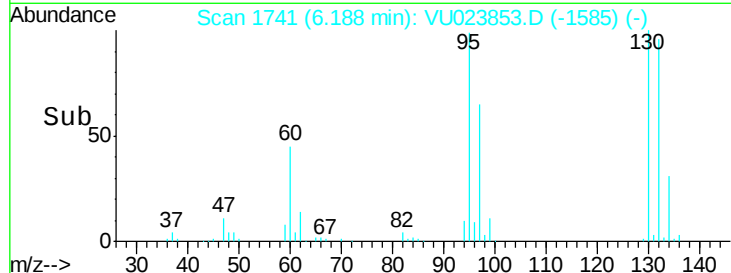
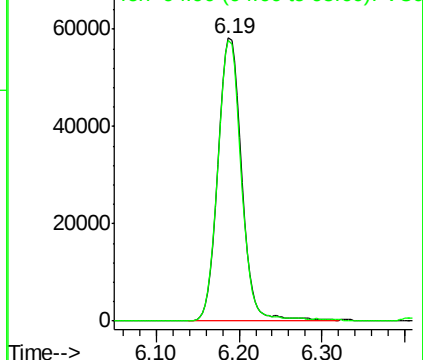


#37
 Trichloroethene
 Concen: 9.360 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion:130 Resp: 115674
 Ion Ratio Lower Upper
 130 100
 95 99.2 77.9 116.9

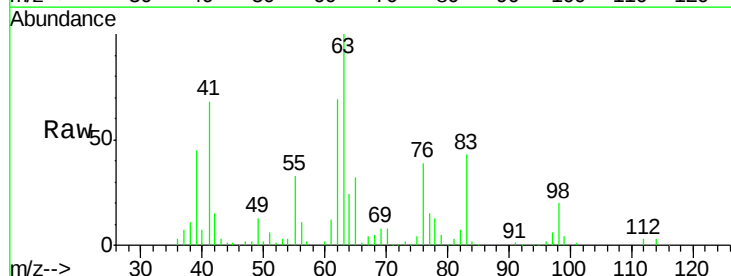


Abundance Ion 129.90 (129.60 to 130.60): VU023853.D (-1585) (-)
 Ion 94.90 (94.60 to 95.60): VU023853.D (-1585) (-)

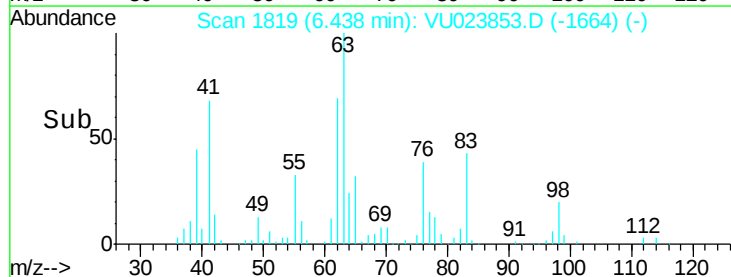
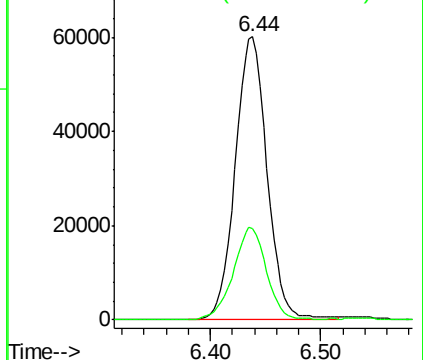


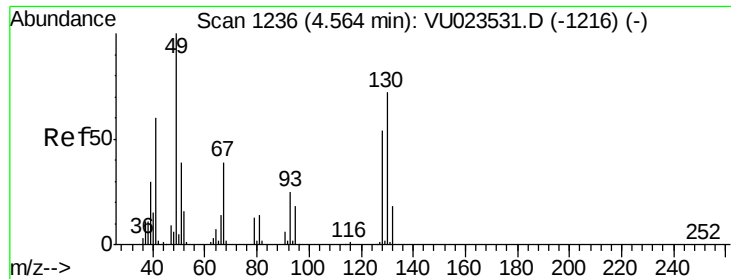
#38
 1,2-Dichloropropane
 Concen: 9.520 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion: 63 Resp: 120204
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU023853.D (-1664) (-)
 Ion 65.00 (64.70 to 65.70): VU023853.D (-1664) (-)





#39

Methacrylonitrile

Concen: 9.428 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tot Ion: 41 Resp: 37615

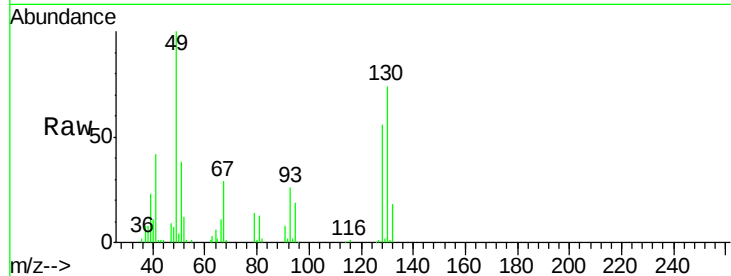
Ion Ratio Lower Upper

41 100

67 68.1 51.3 76.9

39 52.5 40.6 60.8

52 29.0 21.5 32.3



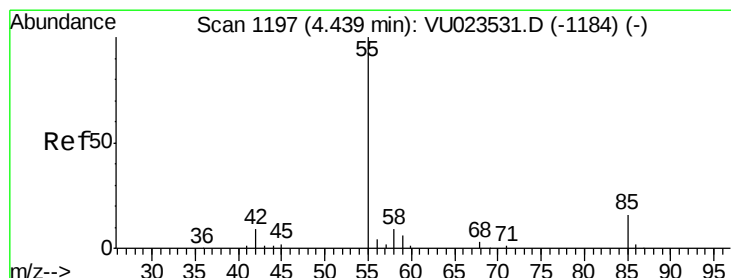
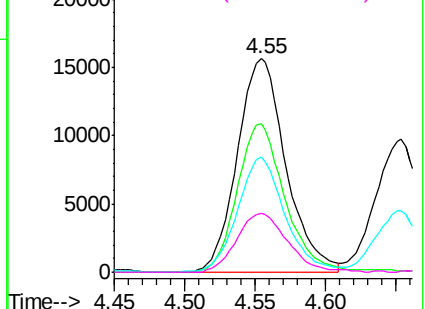
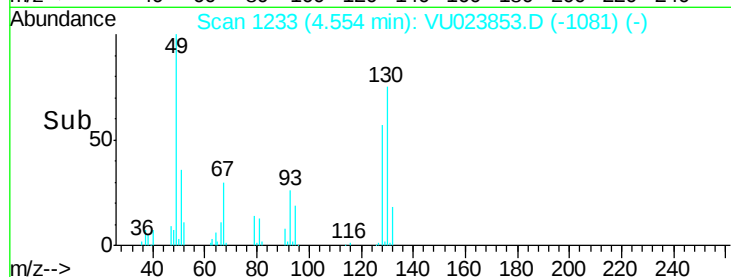
Abundance

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: 9.690 ug/l

RT: 4.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tgt Ion: 55 Resp: 53626

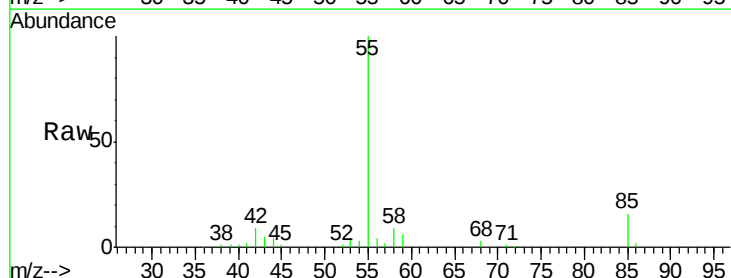
Ion Ratio Lower Upper

55 100

85 16.4 12.3 18.5

58 8.7 7.0 10.6

42 10.4 7.0 10.4



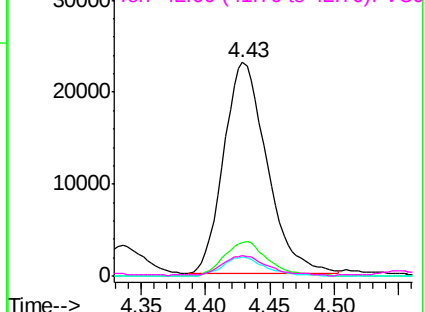
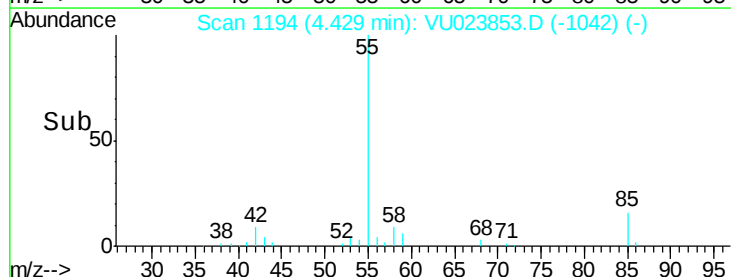
Abundance

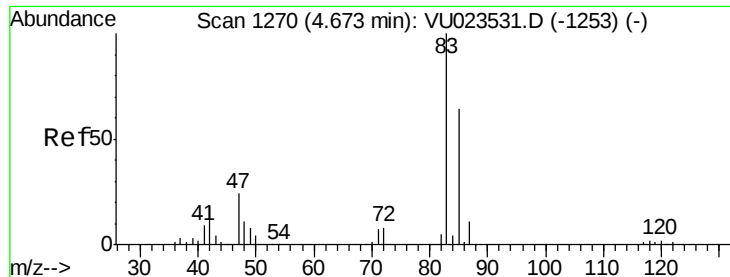
Ion 55.00 (54.70 to 55.70): VU0

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: 18.639 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. -0.02 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

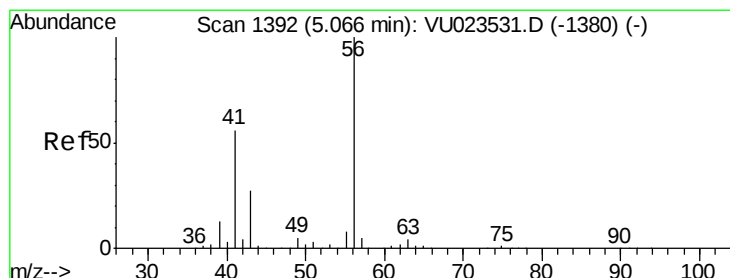
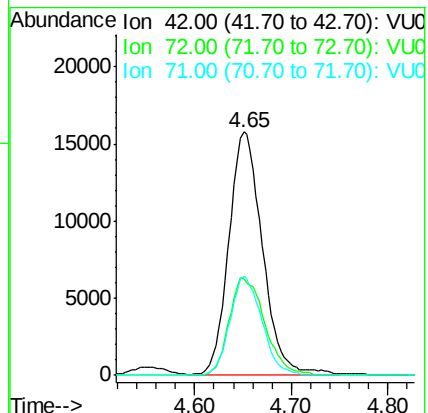
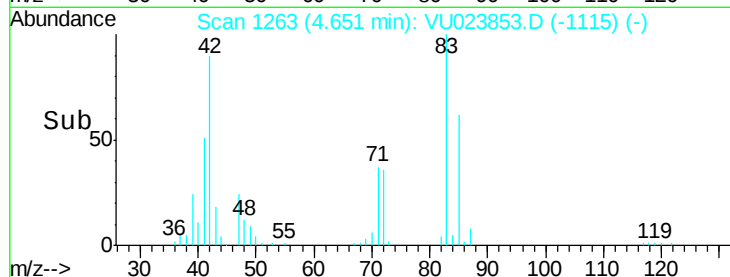
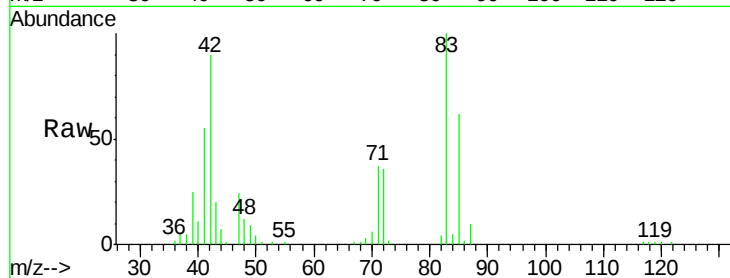
Tot Ion: 42 Resp: 38319

Ion Ratio Lower Upper

42 100

72 42.2 33.2 49.8

71 38.4 29.8 44.8



#42

1-Chlorobutane

Concen: 10.039 ug/l

RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU023853.D

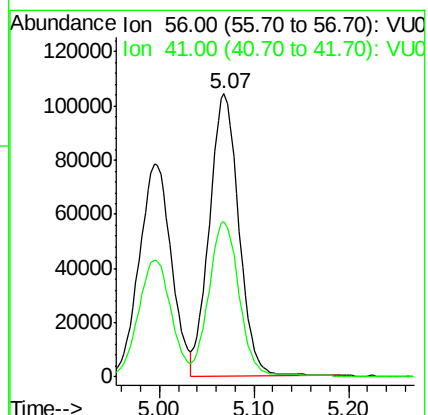
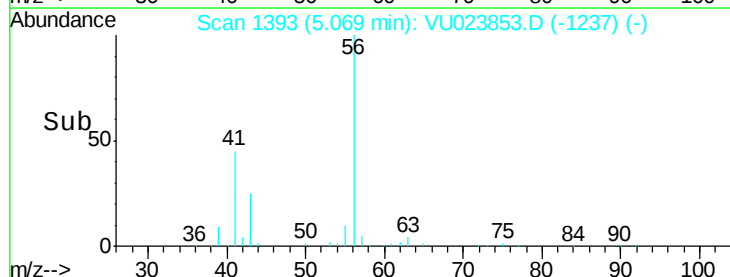
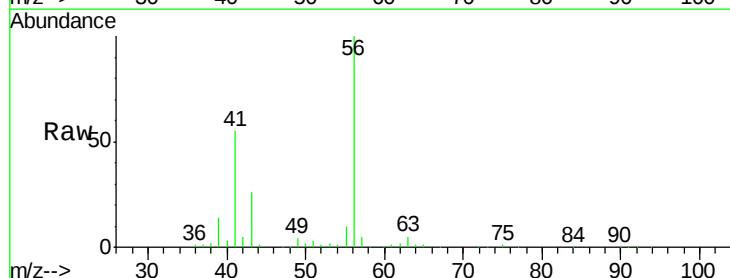
Acq: 14 May 2018 15:23

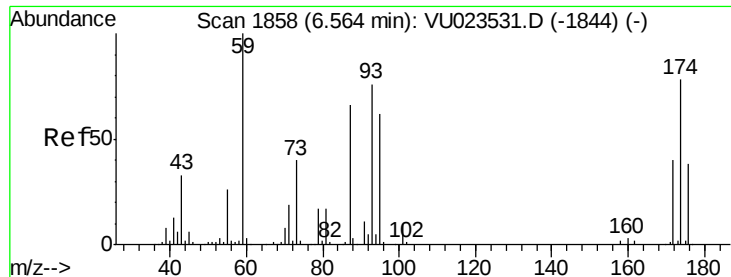
Tgt Ion: 56 Resp: 225382

Ion Ratio Lower Upper

56 100

41 54.4 27.5 82.5





#43

Dibromomethane

Concen: 9.857 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

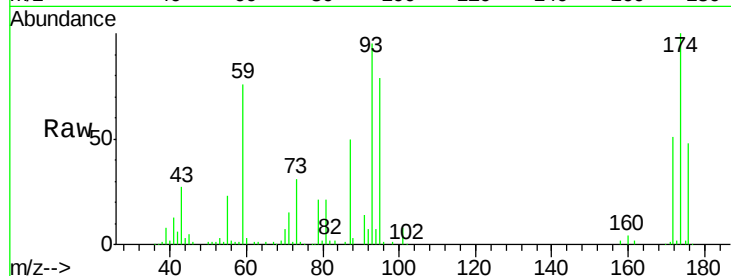
Tot Ion: 93 Resp: 53531

Ion Ratio Lower Upper

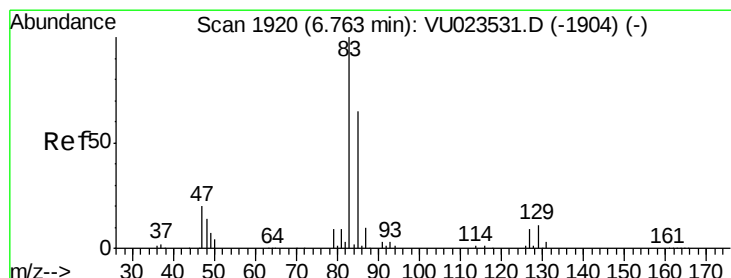
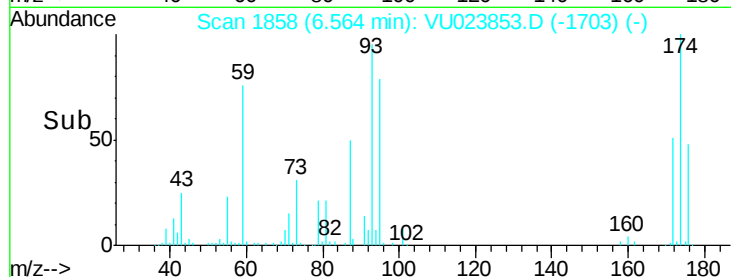
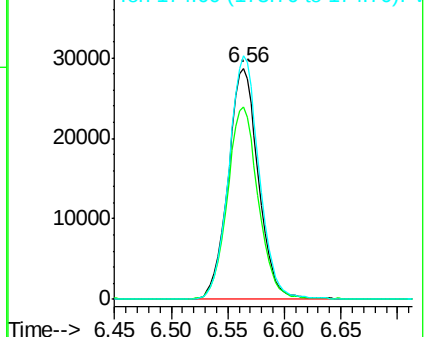
93 100

95 84.8 67.2 100.8

174 104.8 82.8 124.2



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: 10.034 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

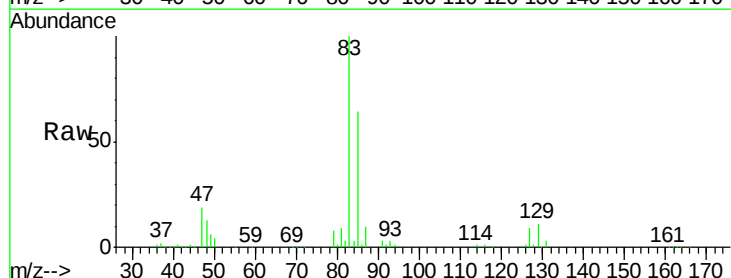
Tgt Ion: 83 Resp: 136931

Ion Ratio Lower Upper

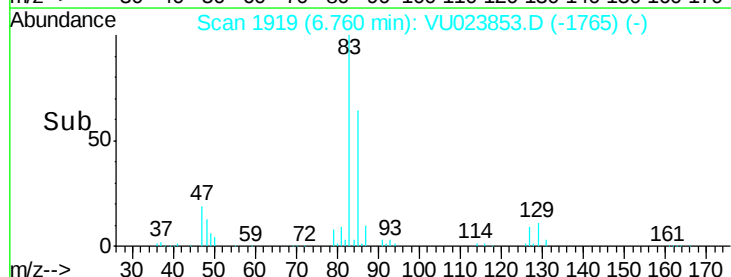
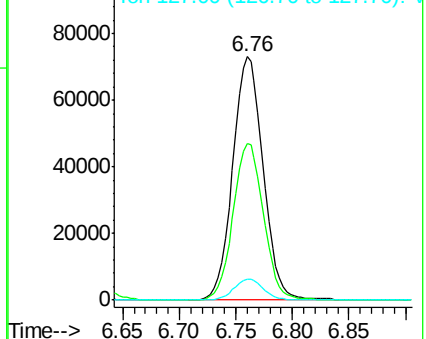
83 100

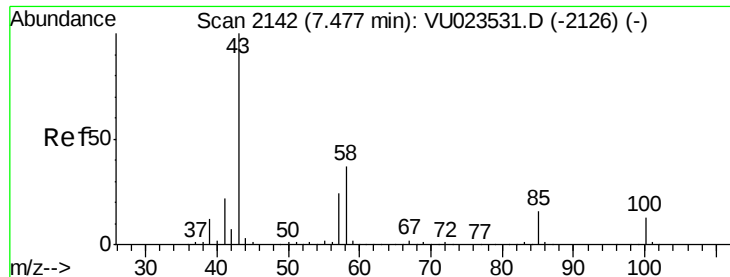
85 64.5 52.2 78.4

127 8.6 7.0 10.4



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: 53.819 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

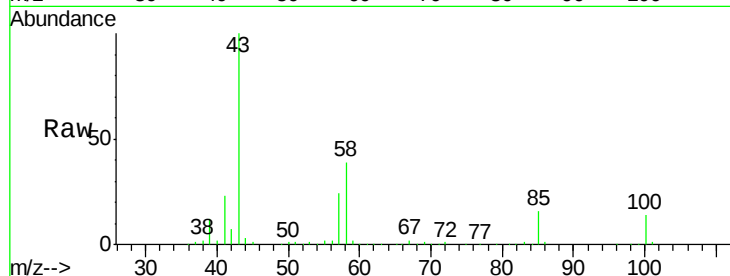
Tot Ion: 43 Resp: 345429

Ion Ratio Lower Upper

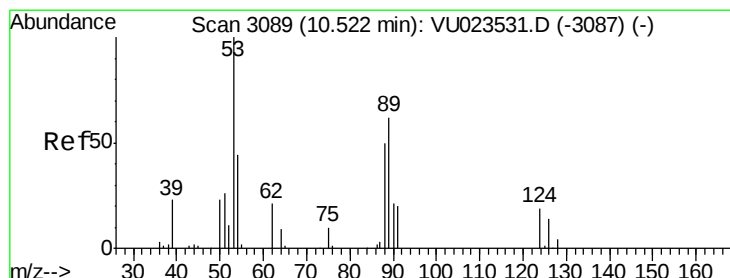
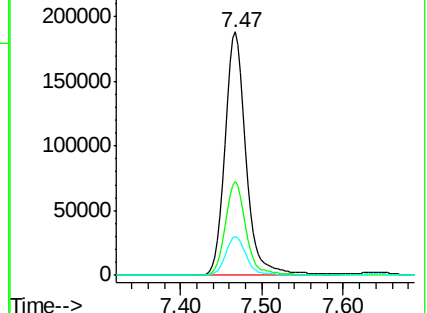
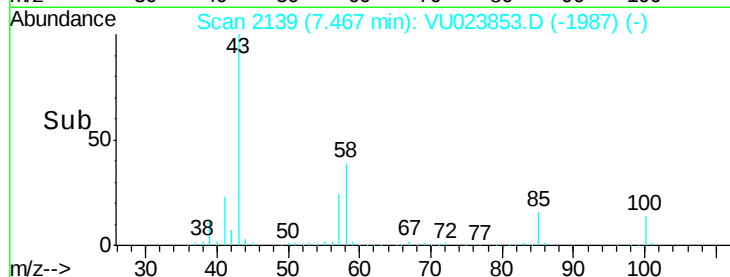
43 100

58 38.2 18.8 56.4

85 16.0 12.6 19.0



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: 24.640 ug/l m

RT: 10.52 min Scan# 3089

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tgt Ion: 75 Resp: 46758

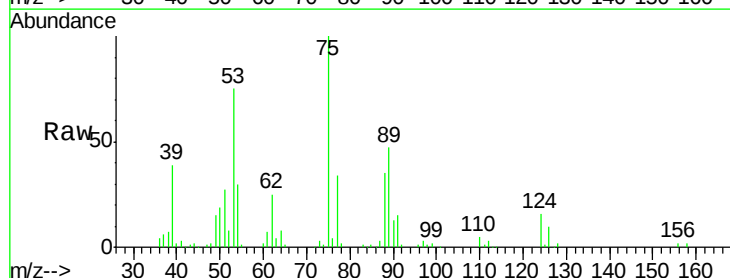
Ion Ratio Lower Upper

75 100

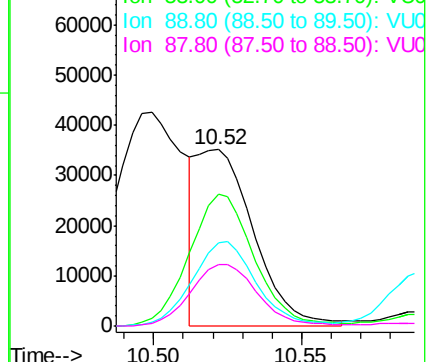
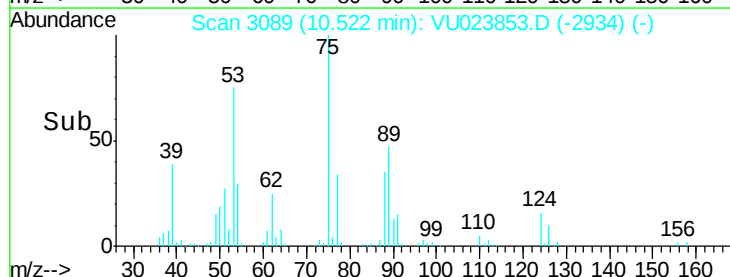
53 86.0 82.2 123.4

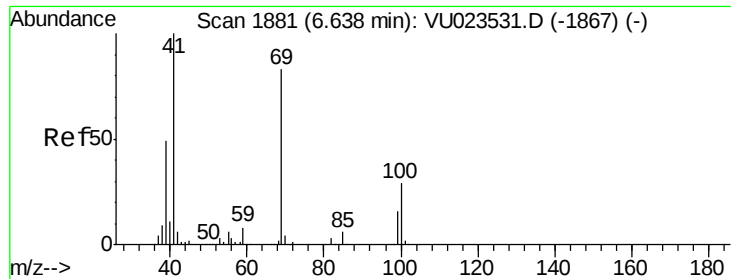
89 54.3 51.3 76.9

88 41.9 37.4 56.2



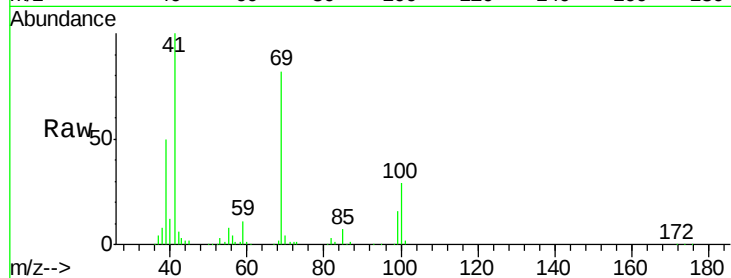
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0



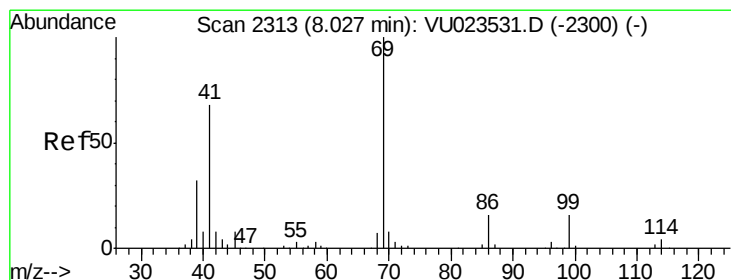
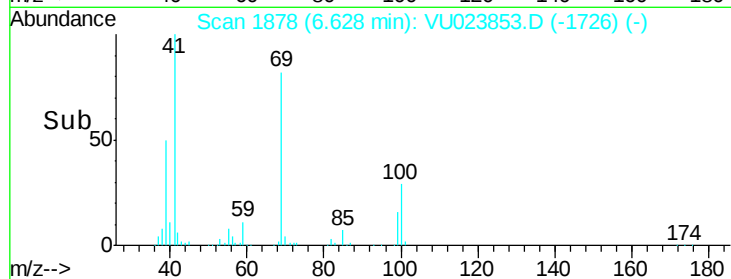
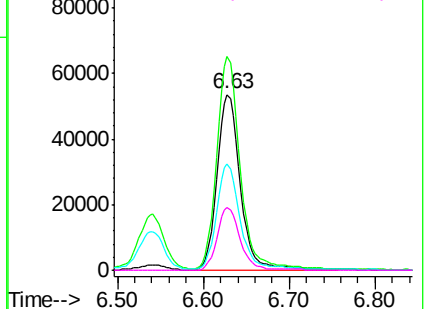


#47
Methyl methacrylate
Concen: 20.447 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. -0.01 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tot Ion: 69 Resp: 100610
Ion Ratio Lower Upper
69 100
41 119.9 0.0 245.4
39 60.0 49.0 73.4
100 35.0 27.8 41.8

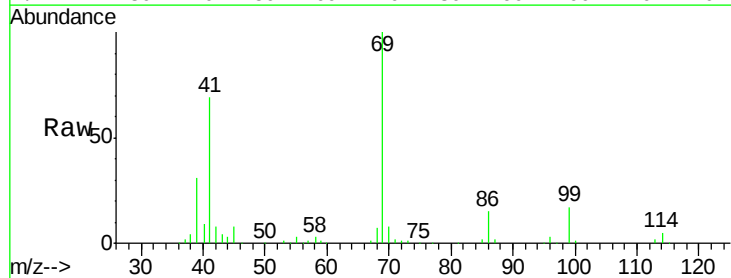


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

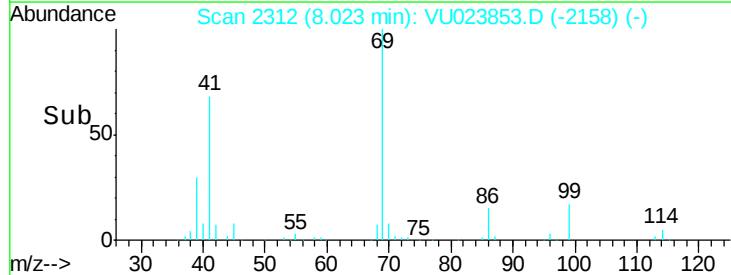
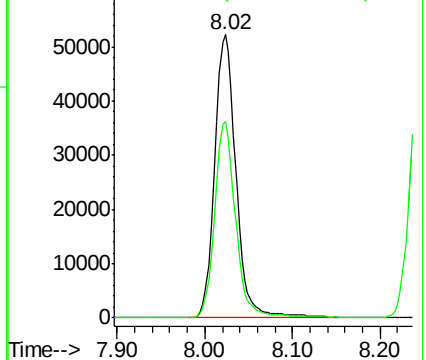


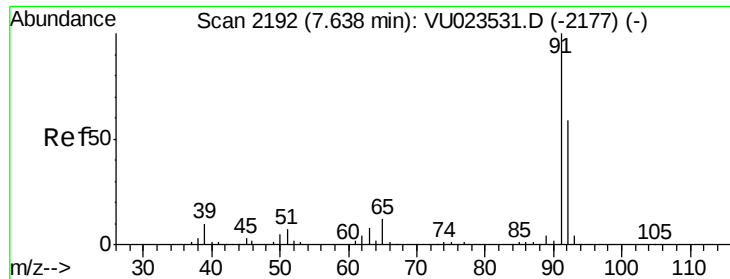
#48
Ethyl methacrylate
Concen: 10.300 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tgt Ion: 69 Resp: 88617
Ion Ratio Lower Upper
69 100
41 67.5 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.261 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023853.D

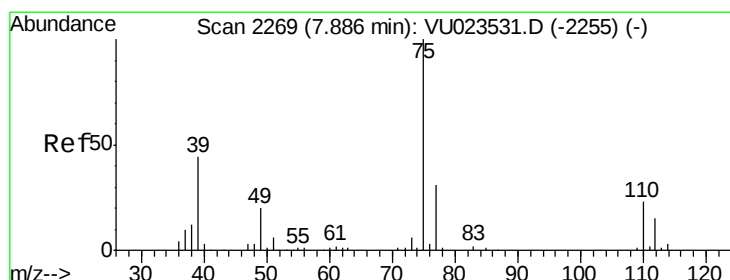
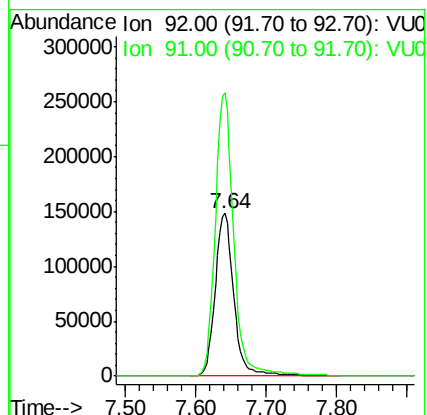
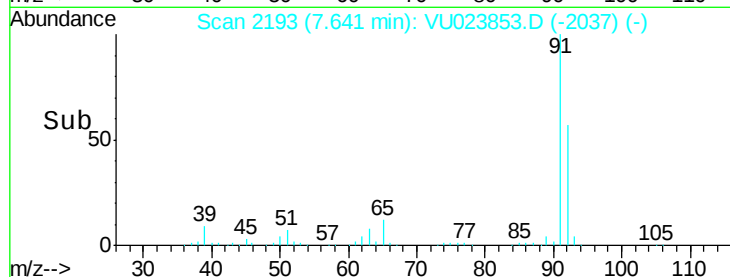
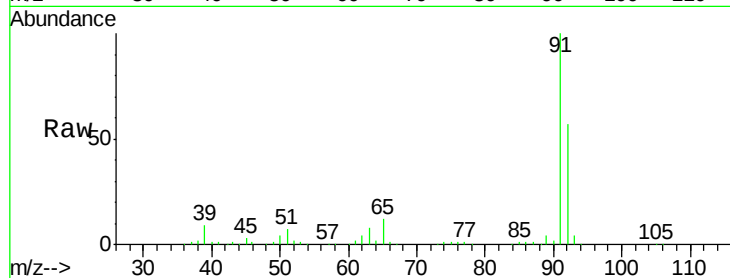
Acq: 14 May 2018 15:23

Tot Ion: 92 Resp: 272857

Ion Ratio Lower Upper

92 100

91 172.6 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 10.277 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023853.D

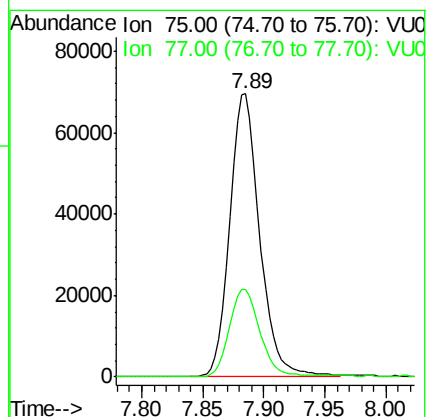
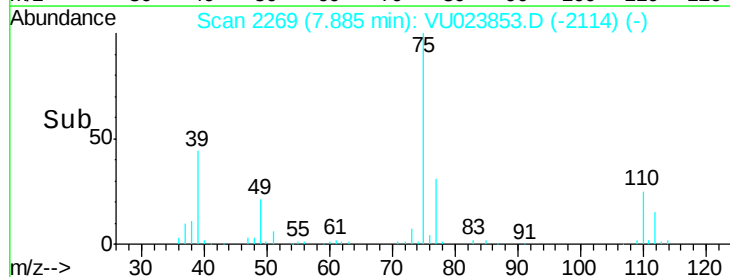
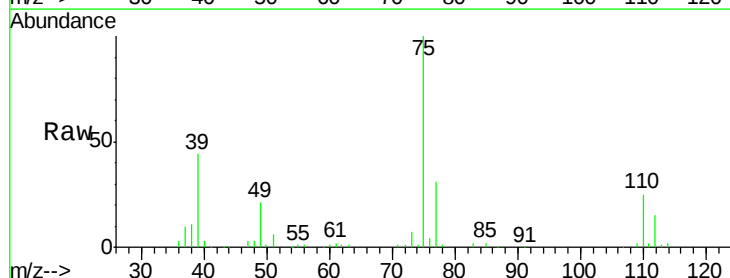
Acq: 14 May 2018 15:23

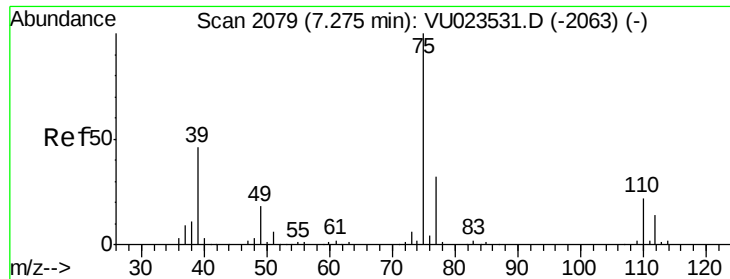
Tgt Ion: 75 Resp: 119706

Ion Ratio Lower Upper

75 100

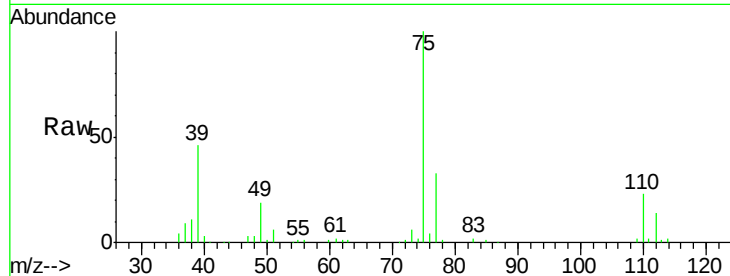
77 30.9 25.2 37.8



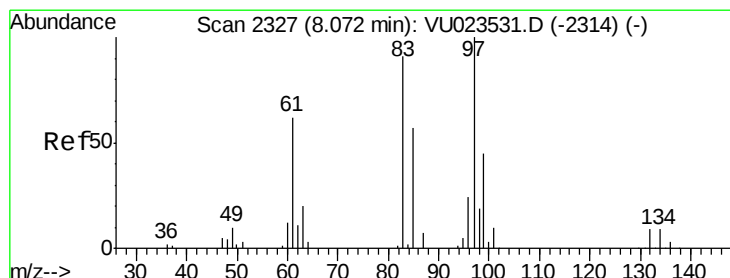
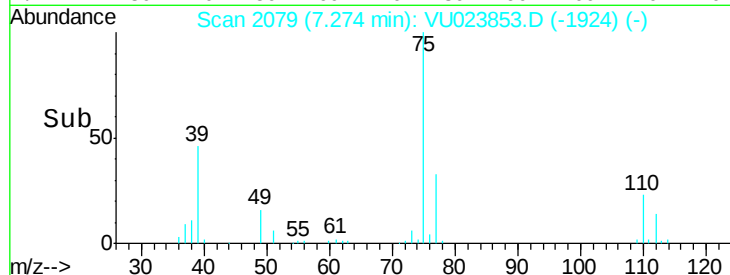
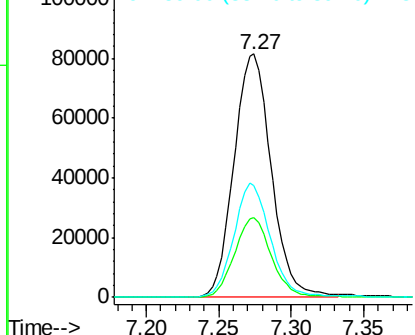


#51
 cis-1,3-Dichloropropene
 Concen: 9.643 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion	75	Resp	146192
Ion Ratio	Lower	Upper	
75	100		
77	32.8	25.2	37.8
39	45.9	36.4	54.6

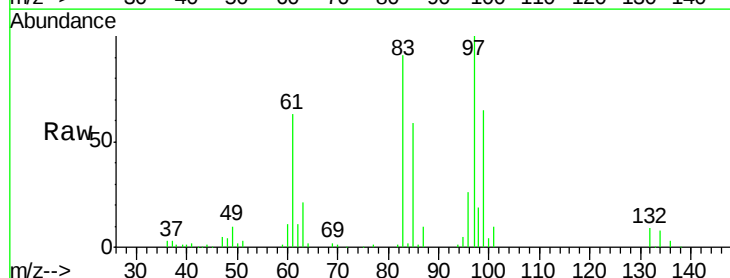


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

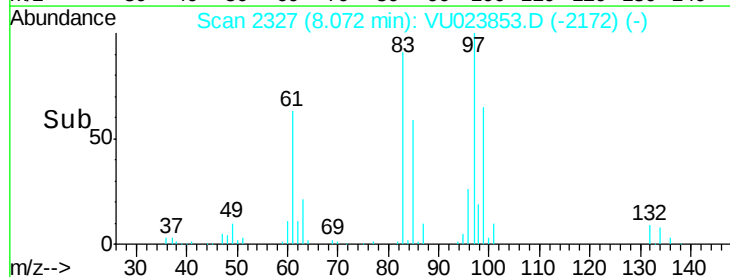
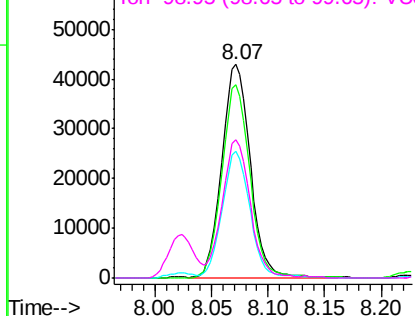


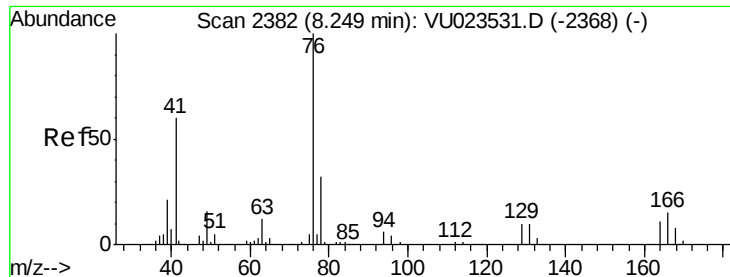
#52
 1,1,2-Trichloroethane
 Concen: 9.662 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion	97	Resp	74658
Ion Ratio	Lower	Upper	
97	100		
83	91.0	72.6	109.0
85	59.4	47.2	70.8
99	65.2	50.8	76.2



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: 9.901 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU023853.D

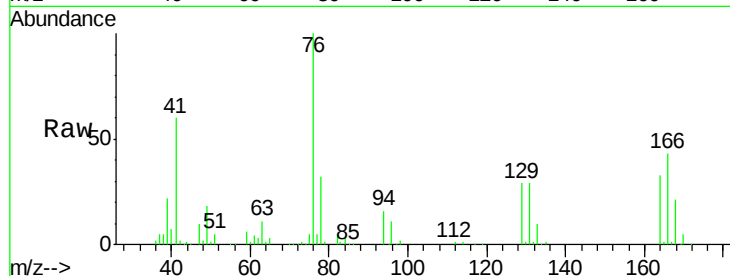
Acq: 14 May 2018 15:23

Tot Ion: 76 Resp: 136004

Ion Ratio Lower Upper

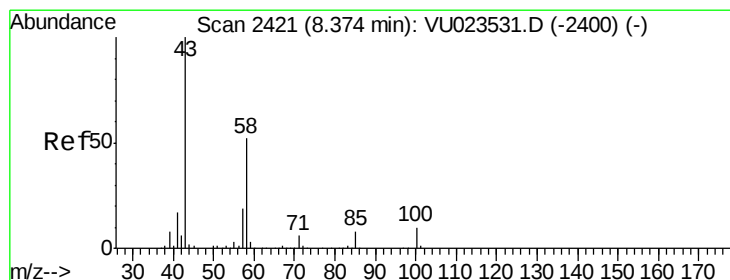
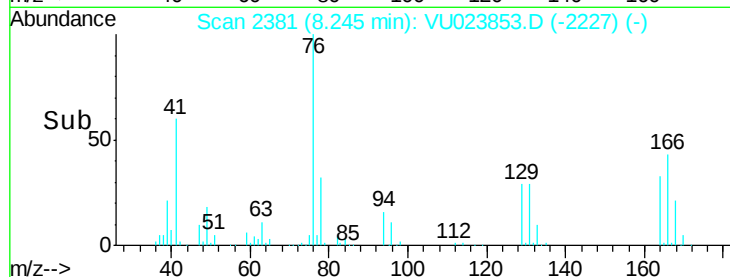
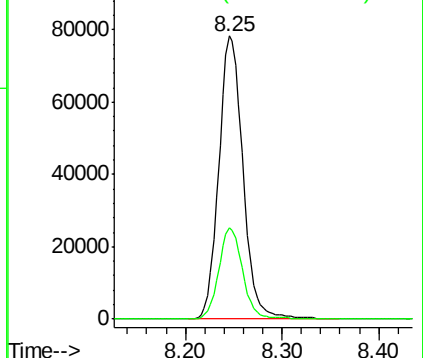
76 100

78 31.8 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 73.136 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. -0.01 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

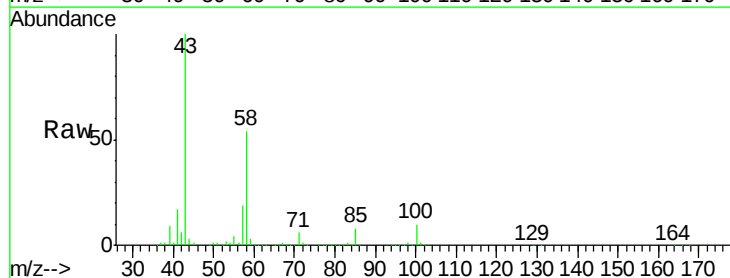
Tgt Ion: 43 Resp: 319762

Ion Ratio Lower Upper

43 100

58 53.1 32.5 72.5

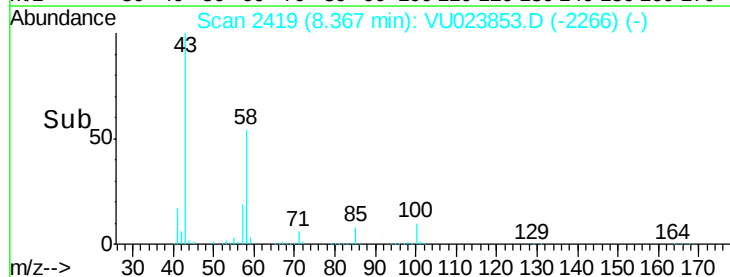
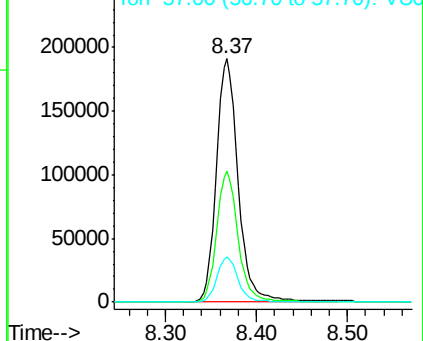
57 18.0 0.0 37.9

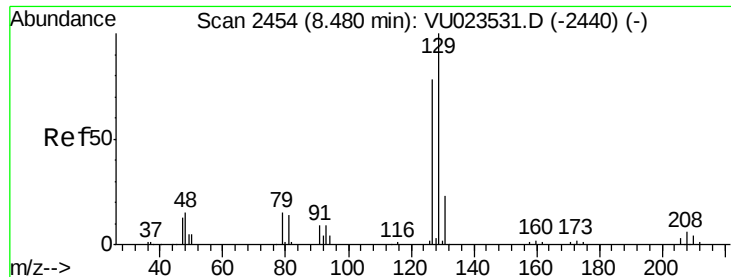


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.539 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU023853.D

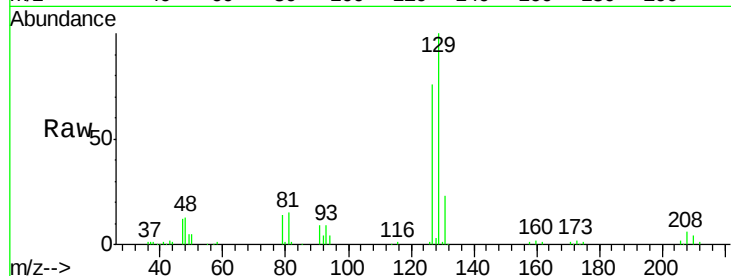
Acq: 14 May 2018 15:23

Tot Ion:129 Resp: 89234

Ion Ratio Lower Upper

129 100

127 77.3 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.48

60000

50000

40000

30000

20000

10000

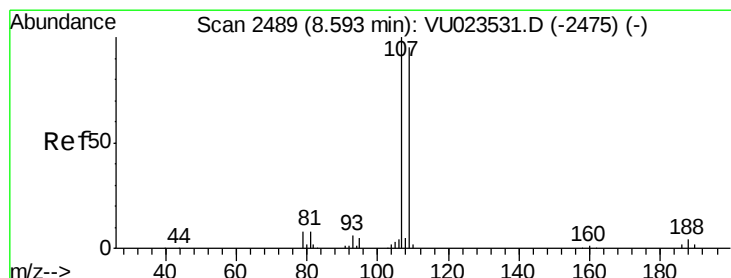
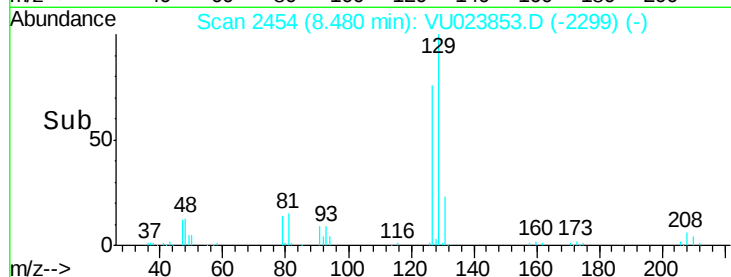
0

8.40

8.50

8.60

Time-->



#56

1,2-Dibromoethane

Concen: 10.225 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU023853.D

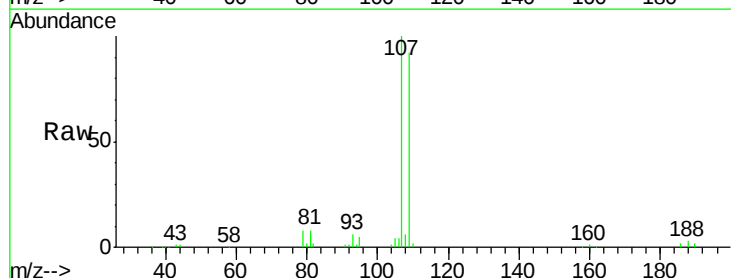
Acq: 14 May 2018 15:23

Tgt Ion:107 Resp: 68077

Ion Ratio Lower Upper

107 100

109 92.7 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.59

40000

30000

20000

10000

0

8.50

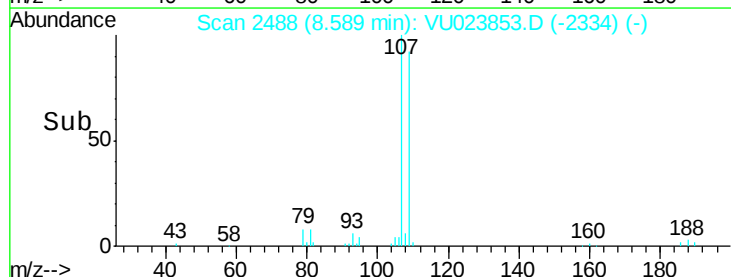
8.55

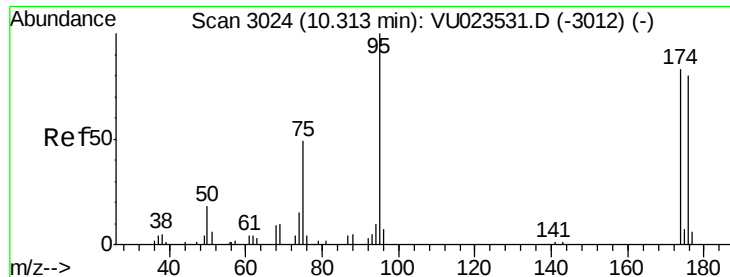
8.60

8.65

8.70

Time-->





#57

4-Bromofluorobenzene

Concen: 10.225 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

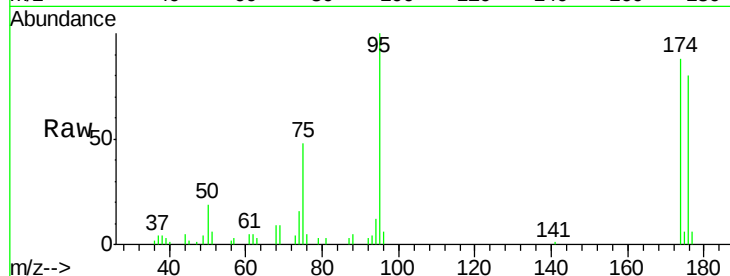
Tot Ion: 95 Resp: 15561

Ion Ratio Lower Upper

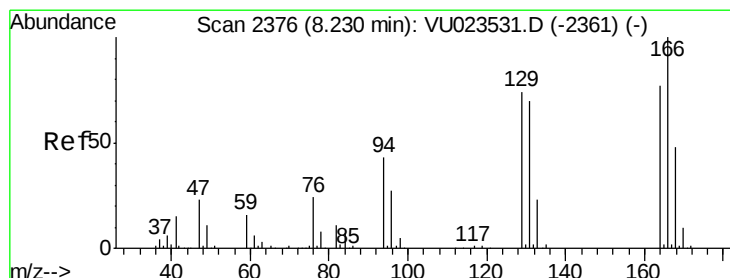
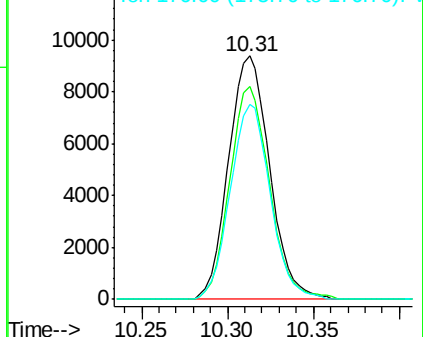
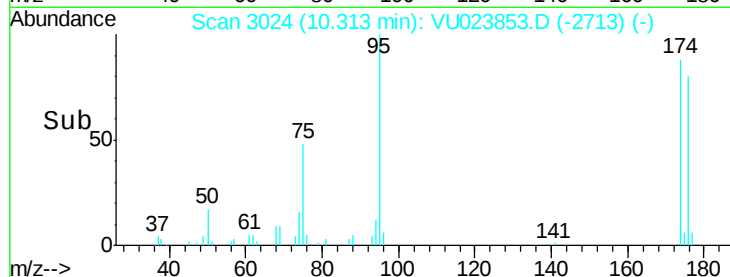
95 100

174 84.7 65.6 98.4

176 78.0 62.0 93.0



Abundance Ion 95.00 (94.70 to 95.70): VU023853.D (-2713) (-)



#58

Tetrachloroethene

Concen: 9.932 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

Tgt Ion: 164 Resp: 111918

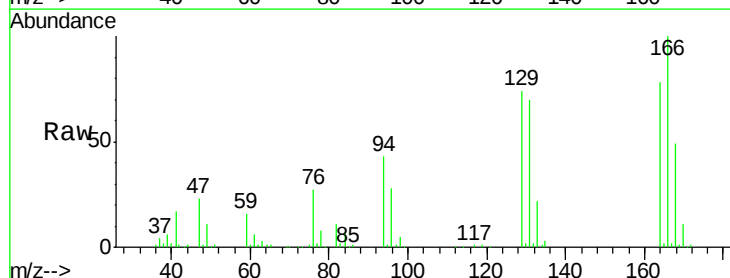
Ion Ratio Lower Upper

164 100

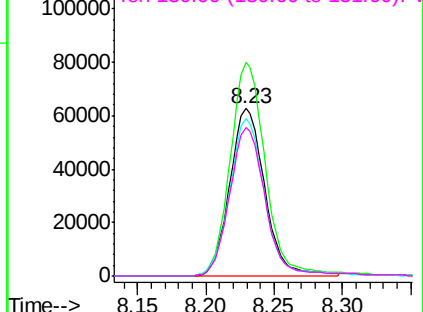
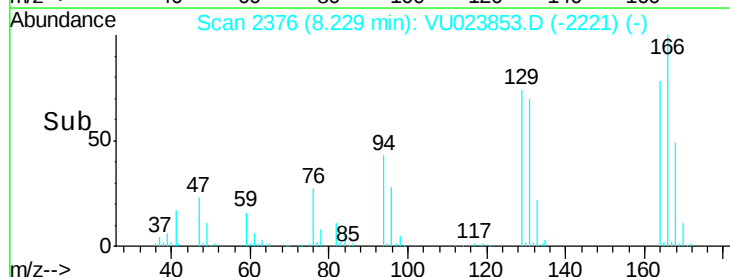
166 127.4 104.1 156.1

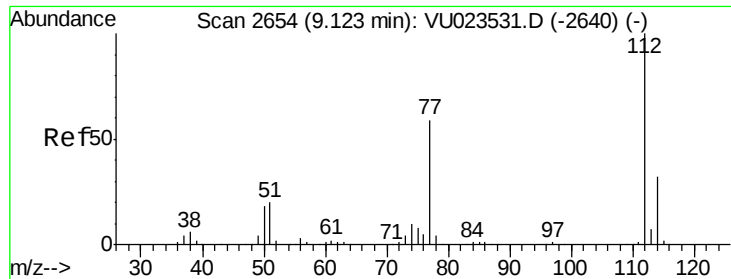
129 93.9 76.8 115.2

131 88.8 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): VU023853.D (-2221) (-)





#59

Chlorobenzene

Concen: 10.130 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023853.D

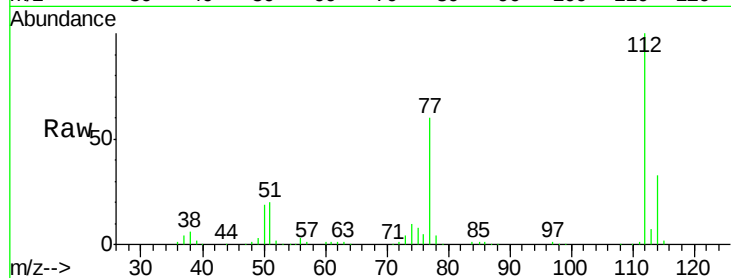
Acq: 14 May 2018 15:23

Tot Ion:112 Resp: 288344

Ion Ratio Lower Upper

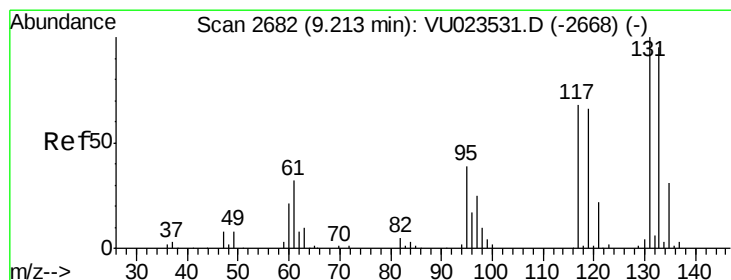
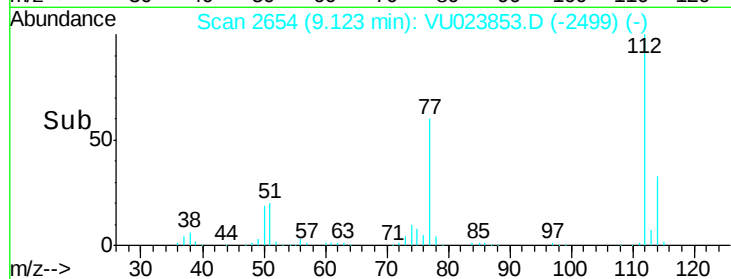
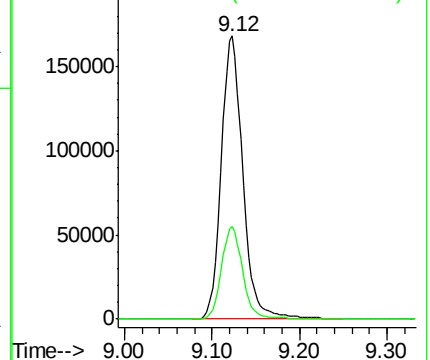
112 100

114 32.7 25.4 38.2



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: 10.375 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

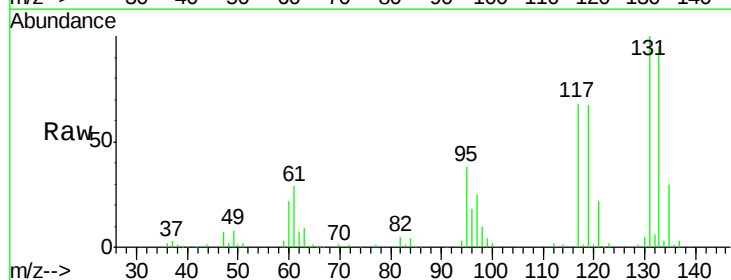
Tgt Ion:131 Resp: 100303

Ion Ratio Lower Upper

131 100

133 96.1 75.8 113.8

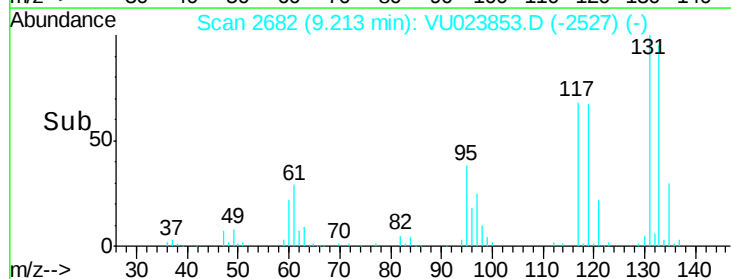
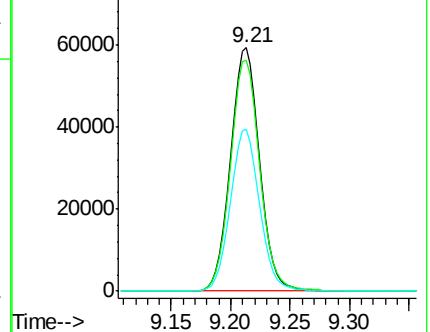
119 66.9 53.0 79.6

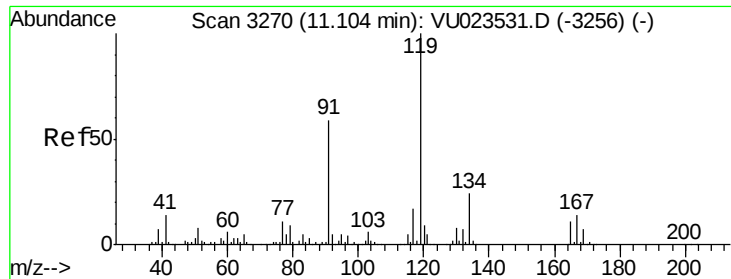


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

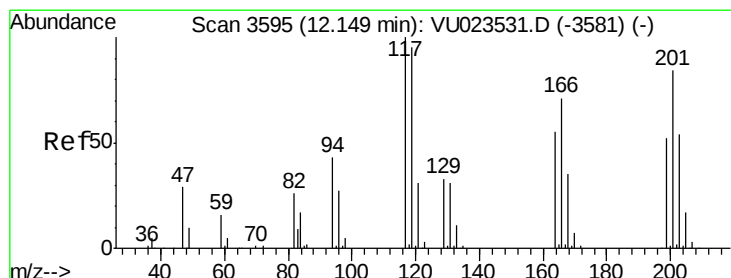
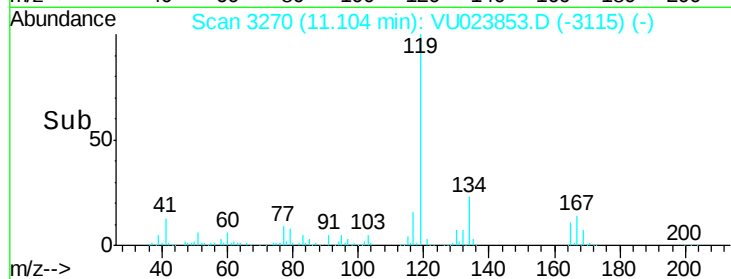
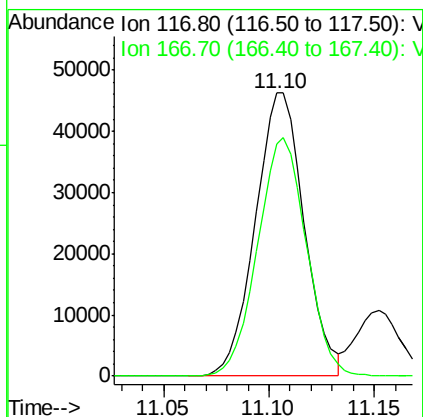
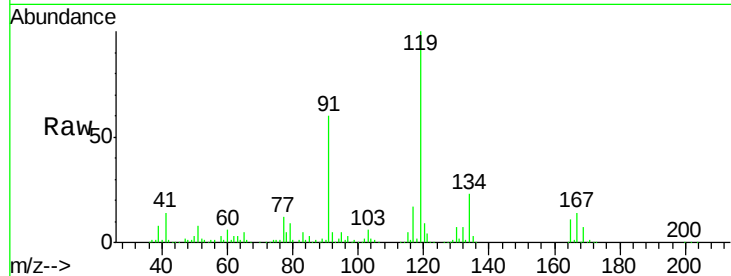
Ion 119.00 (118.70 to 119.70): V





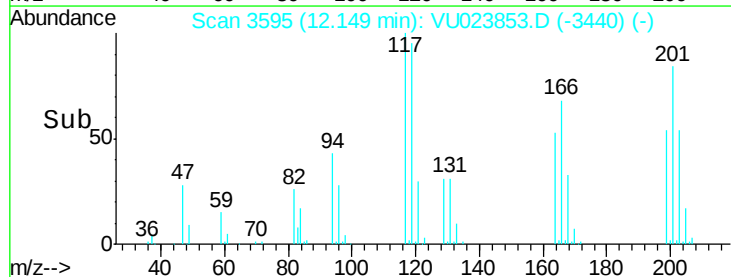
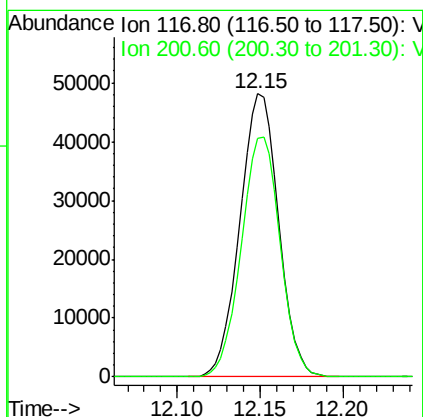
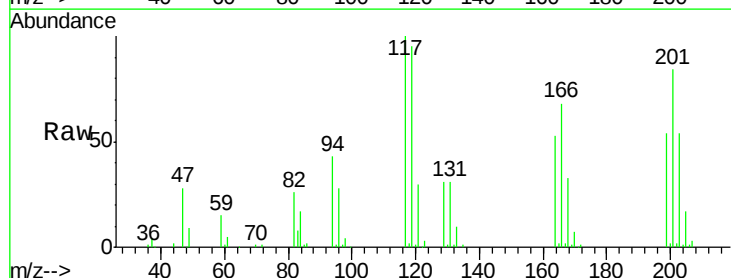
#61
 Pentachloroethane
 Concen: 10.878 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

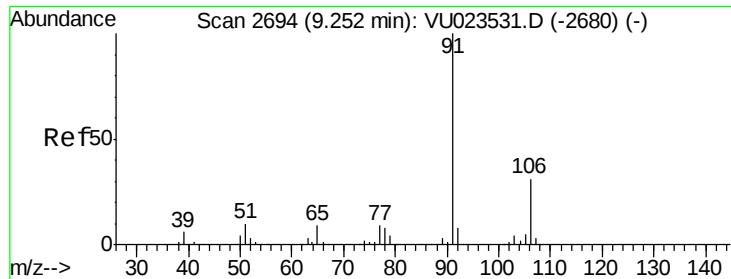
Tot Ion:117 Resp: 74650
 Ion Ratio Lower Upper
 117 100
 167 83.8 69.2 103.8



#62
 Hexachloroethane
 Concen: 11.872 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion:117 Resp: 78190
 Ion Ratio Lower Upper
 117 100
 201 85.2 68.7 103.1





#63

Ethyl Benzene

Concen: 10.607 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023853.D

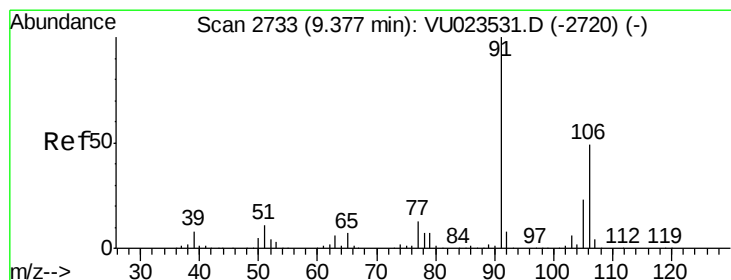
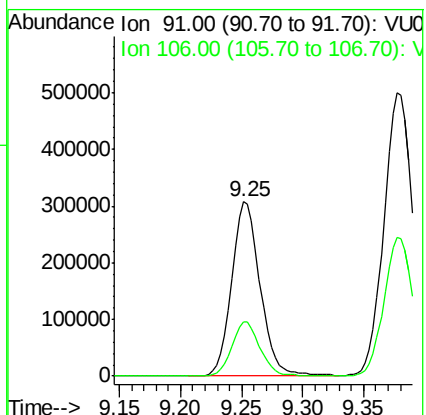
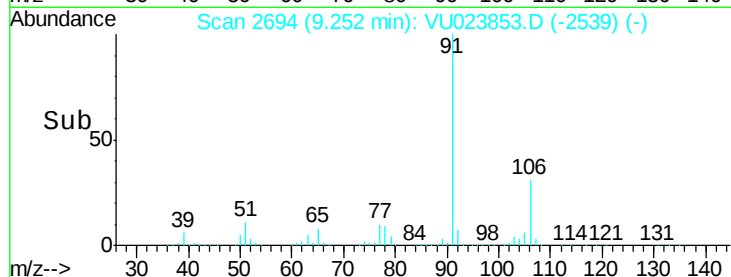
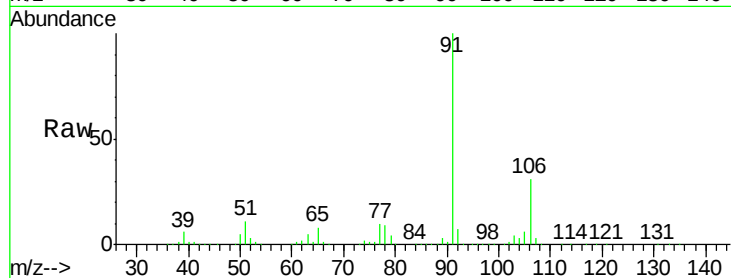
Acq: 14 May 2018 15:23

Tot Ion: 91 Resp: 501832

Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1



#64

m/p-Xylenes

Concen: 22.703 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023853.D

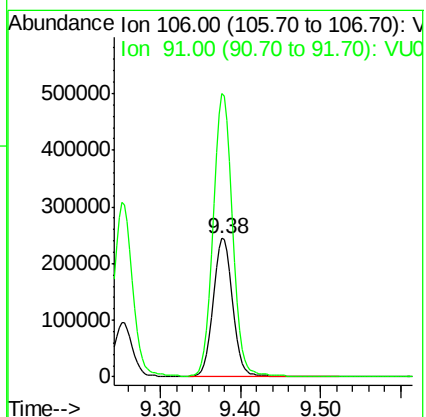
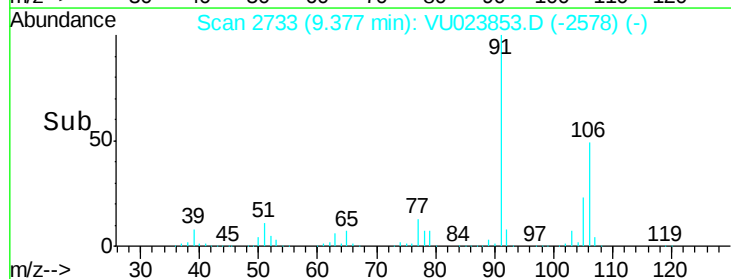
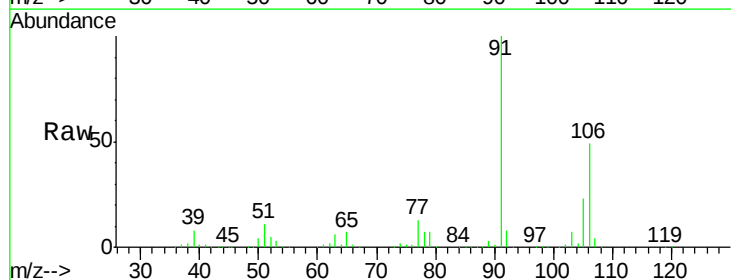
Acq: 14 May 2018 15:23

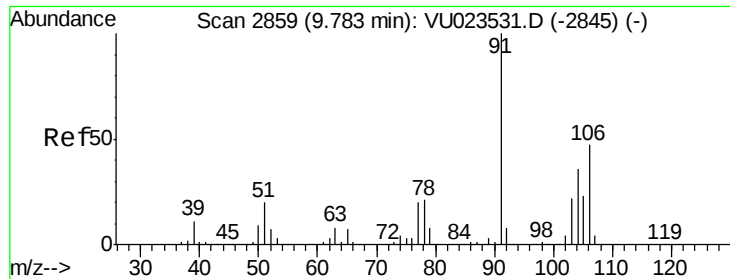
Tgt Ion: 106 Resp: 414239

Ion Ratio Lower Upper

106 100

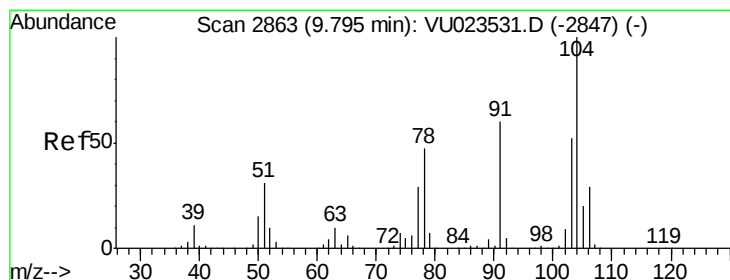
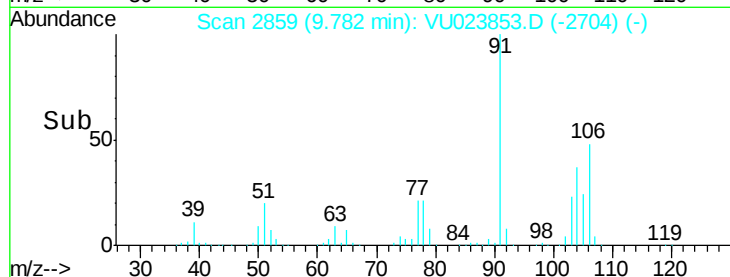
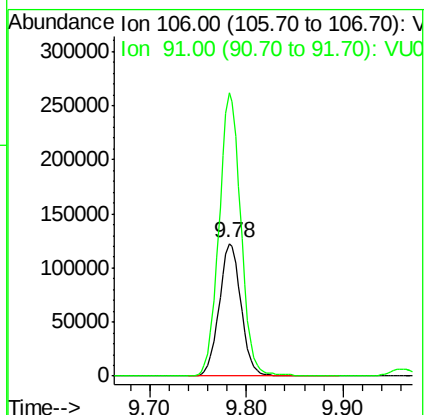
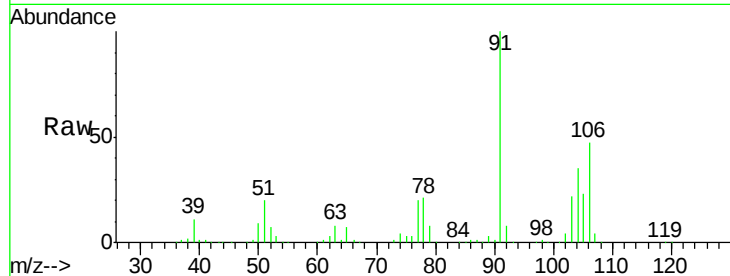
91 203.3 164.1 246.1





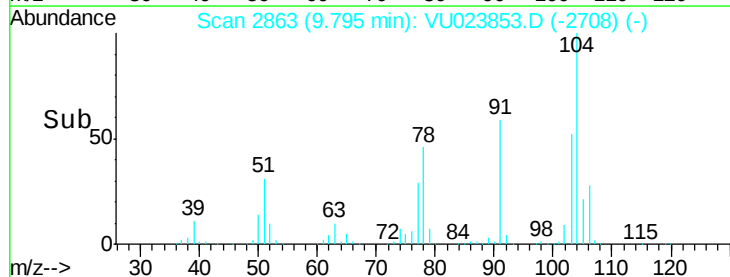
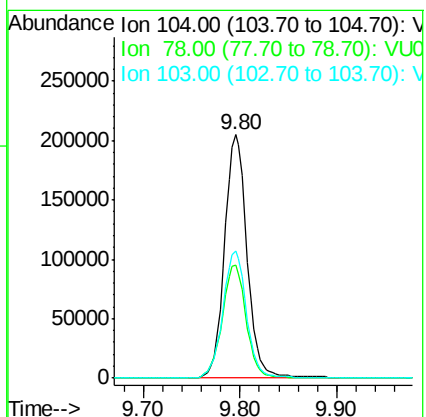
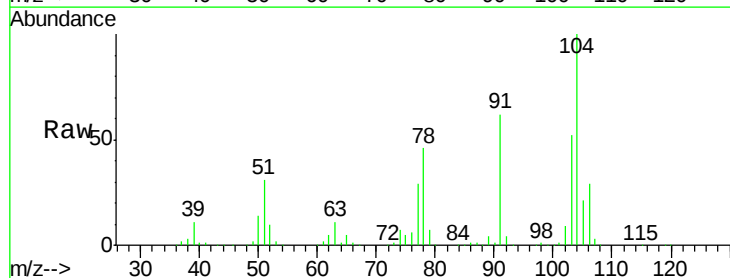
#65
o-Xylene
Concen: 10.966 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

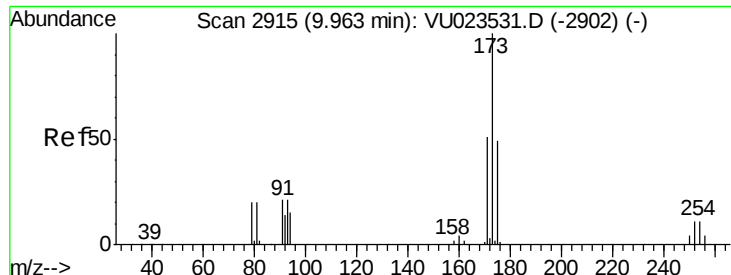
Tot Ion:106 Resp: 192681
Ion Ratio Lower Upper
106 100
91 213.4 107.9 323.7



#66
Styrene
Concen: 11.434 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tgt Ion:104 Resp: 331328
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.2
103 55.3 44.2 66.4





#67

Bromoform

Concen: 11.184 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

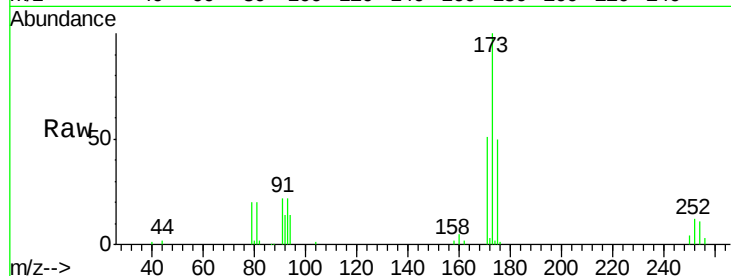
Tot Ion:173 Resp: 49458

Ion Ratio Lower Upper

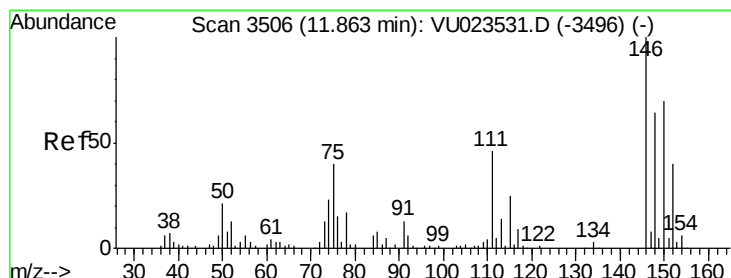
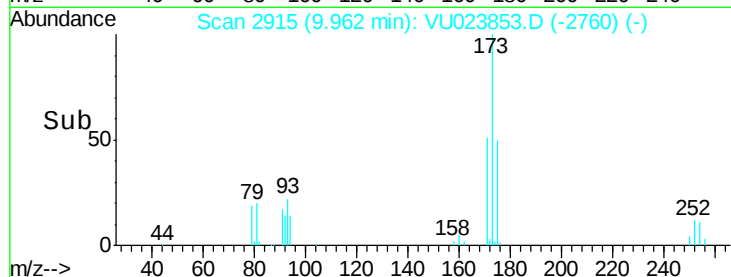
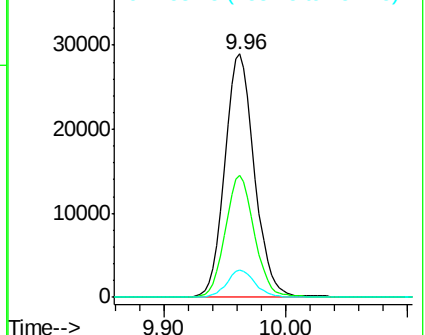
173 100

175 48.9 38.6 57.8

254 10.6 8.8 13.2



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: 11.184 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

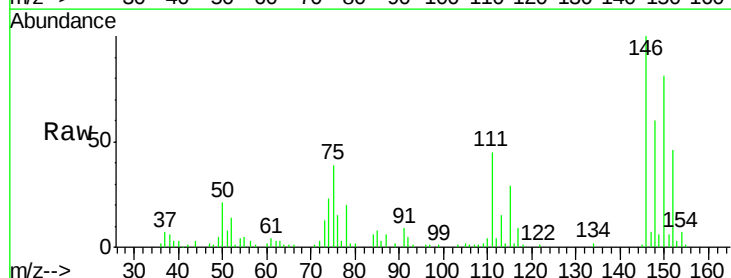
Tgt Ion:152 Resp: 15796

Ion Ratio Lower Upper

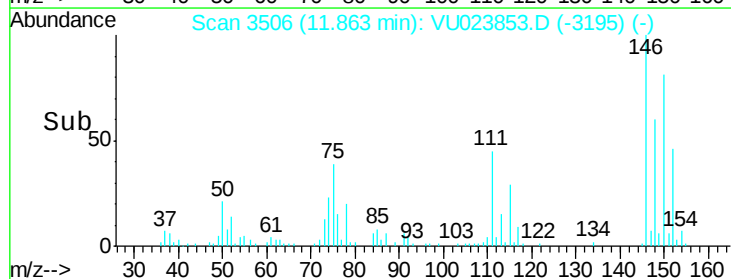
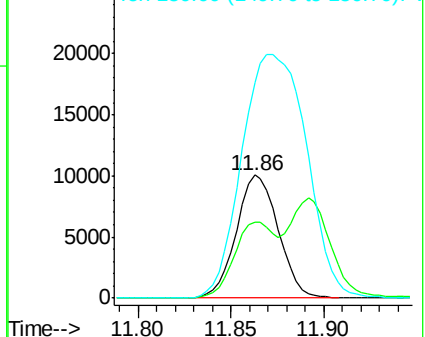
152 100

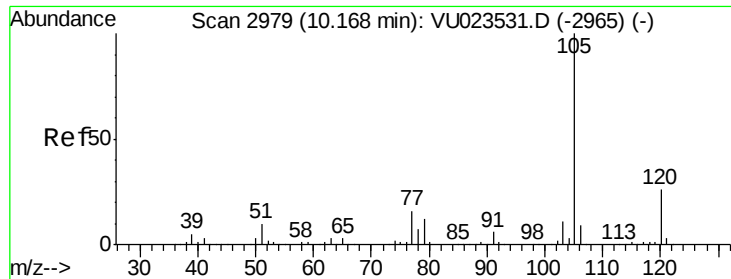
115 60.7 0.0 118.8

150 306.8 0.0 0.0#



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: 10.952 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023853.D

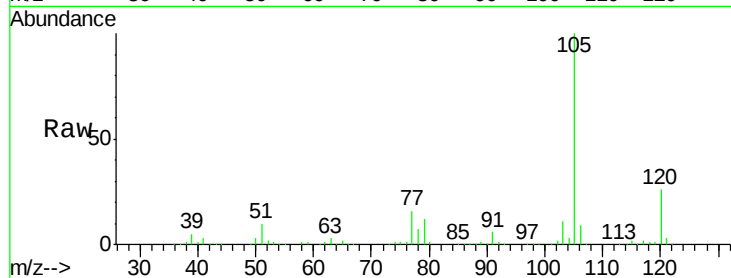
Acq: 14 May 2018 15:23

Tot Ion:105 Resp: 495688

Ion Ratio Lower Upper

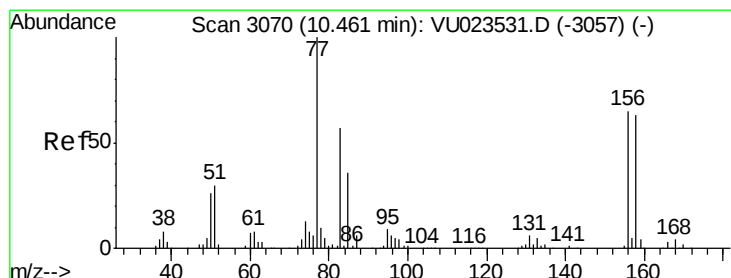
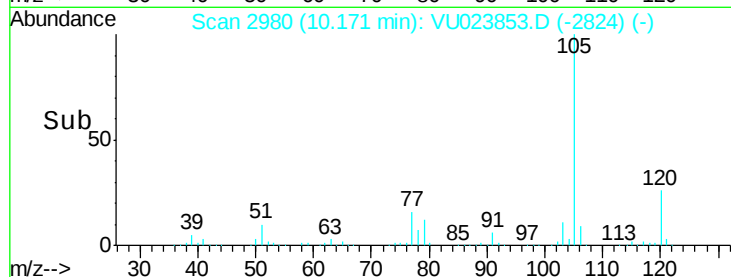
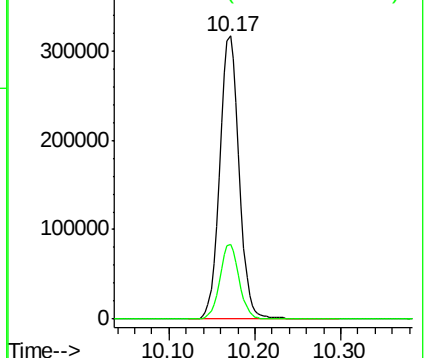
105 100

120 26.3 13.1 39.3



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: 10.783 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

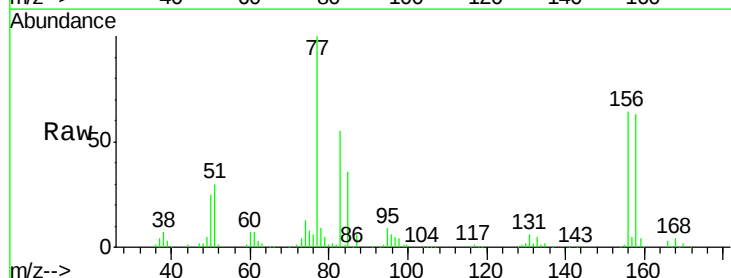
Tgt Ion: 83 Resp: 93916

Ion Ratio Lower Upper

83 100

131 10.1 7.9 11.9

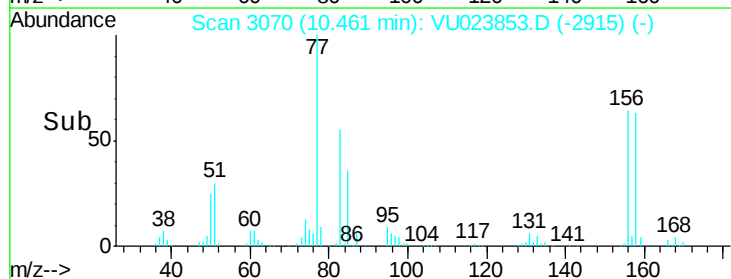
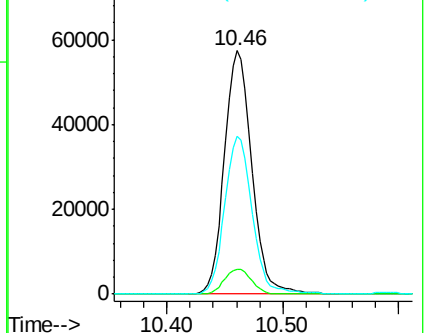
85 65.0 51.8 77.6

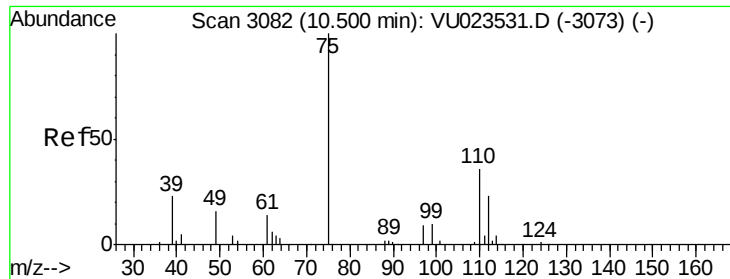


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

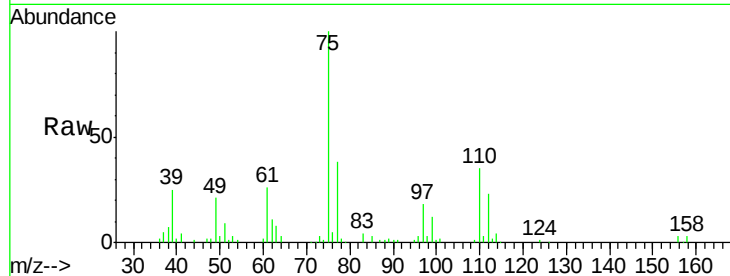
Ion 85.00 (84.70 to 85.70): VU0



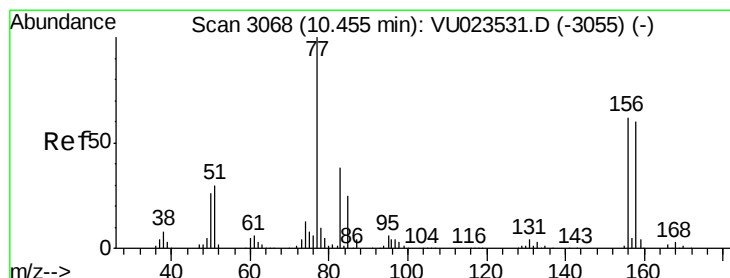
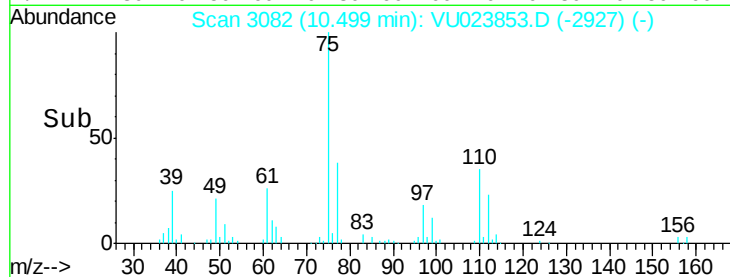
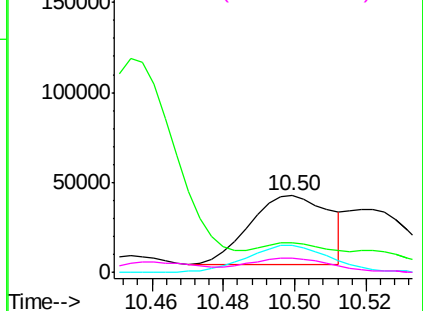


#71
 1,2,3-Trichloropropane
 Concen: 9.485 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion:	75	Resp:	59124
Ion	Ratio	Lower	Upper
75	100		
77	12.0	0.0	0.0#
110	41.2	0.0	74.0
97	21.4	0.0	39.6

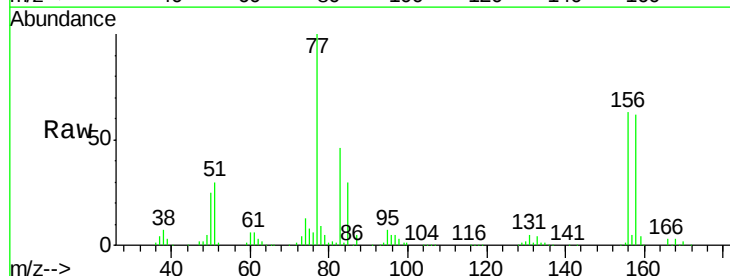


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

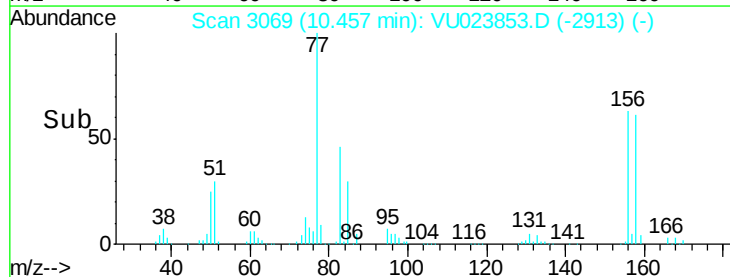
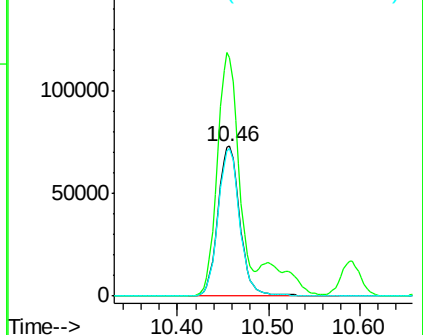


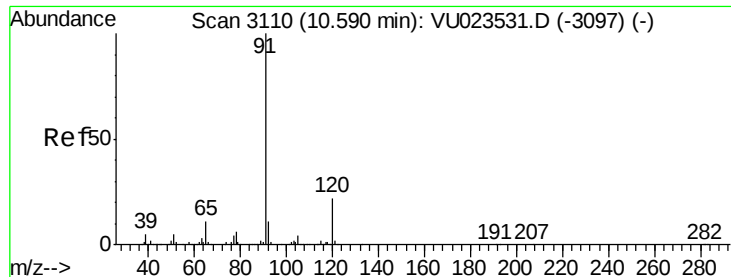
#72
 Bromobenzene
 Concen: 10.890 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion:	156	Resp:	122716
Ion	Ratio	Lower	Upper
156	100		
77	157.4	0.0	309.8
158	97.0	0.0	193.0



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: 11.728 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU023853.D

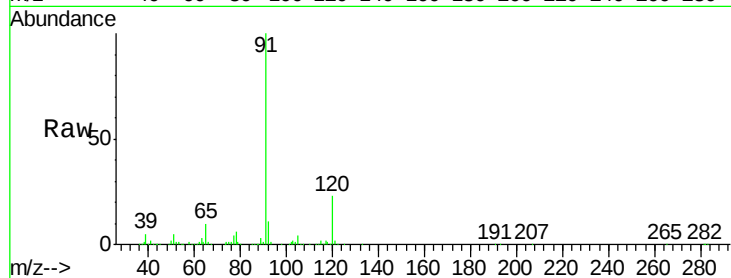
Acq: 14 May 2018 15:23

Tot Ion:120 Resp: 146731

Ion Ratio Lower Upper

120 100

91 436.5 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

500000

400000

300000

200000

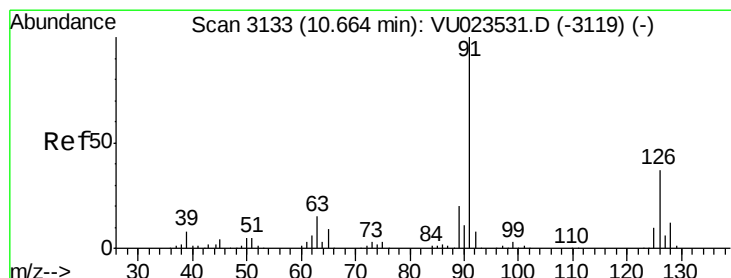
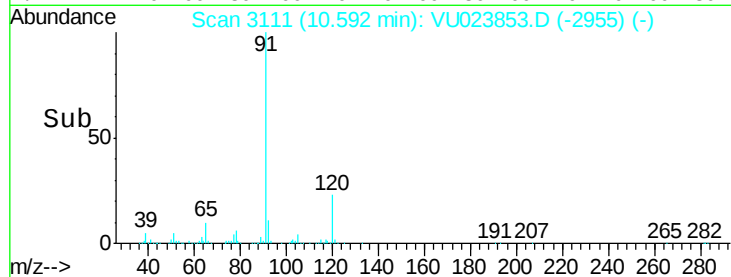
100000

0

10.59

10.55 10.60 10.65

Time-->



#74

2-Chlorotoluene

Concen: 11.356 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU023853.D

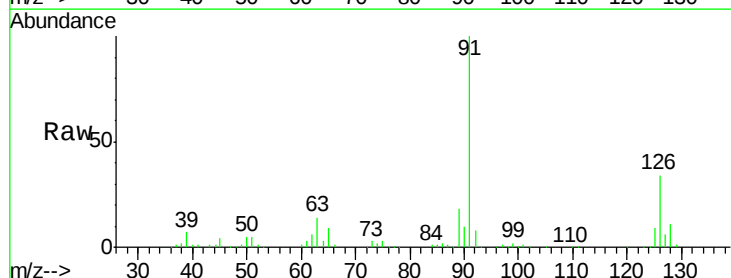
Acq: 14 May 2018 15:23

Tgt Ion:126 Resp: 125630

Ion Ratio Lower Upper

126 100

91 294.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

500000

400000

300000

200000

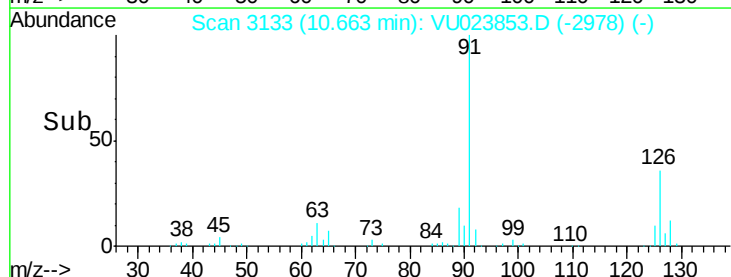
100000

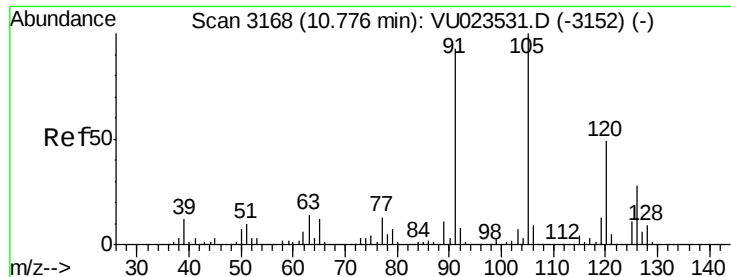
0

10.66

10.60 10.65 10.70

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 11.836 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023853.D

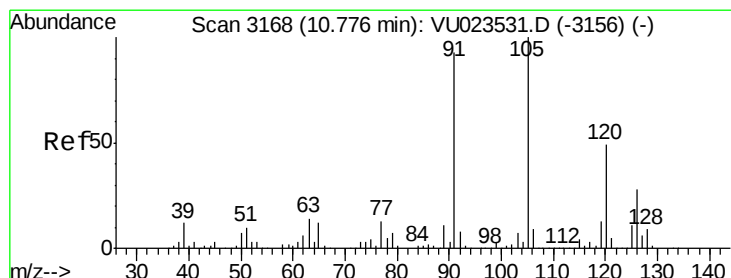
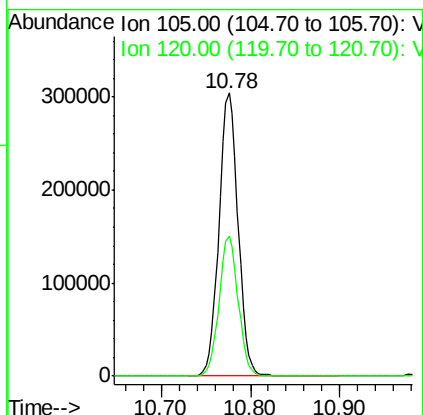
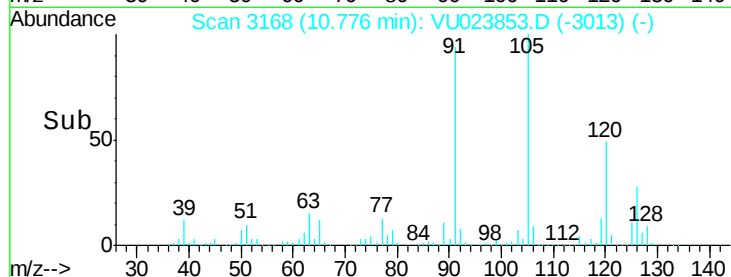
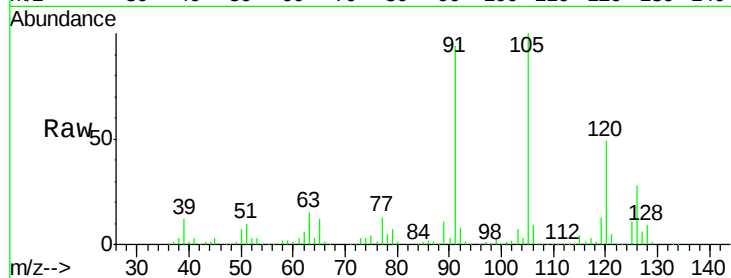
Acq: 14 May 2018 15:23

Tot Ion:105 Resp: 451351

Ion Ratio Lower Upper

105 100

120 49.4 39.0 58.6



#76

4-Chlorotoluene

Concen: 11.402 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023853.D

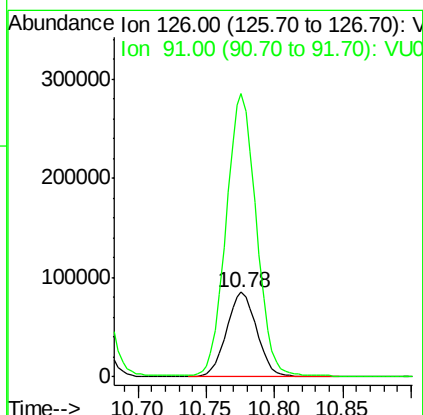
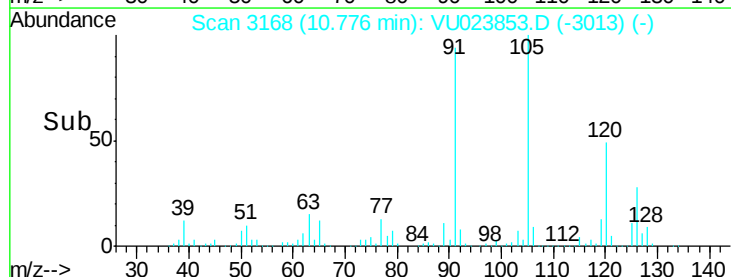
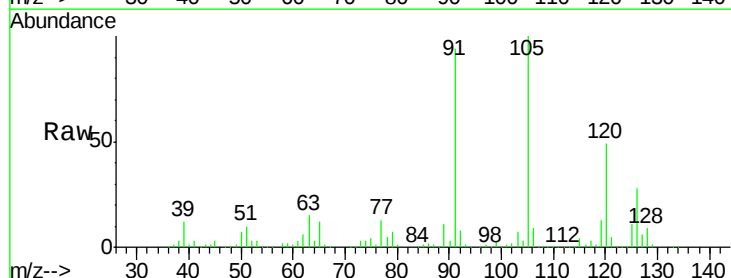
Acq: 14 May 2018 15:23

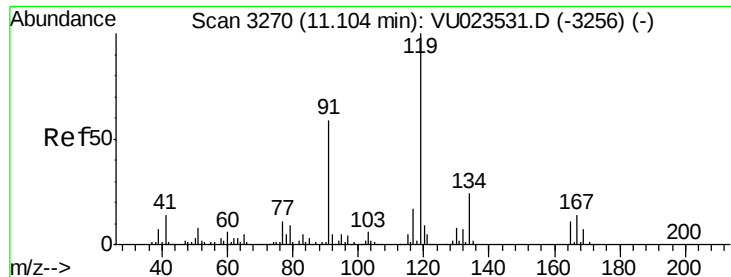
Tgt Ion:126 Resp: 130669

Ion Ratio Lower Upper

126 100

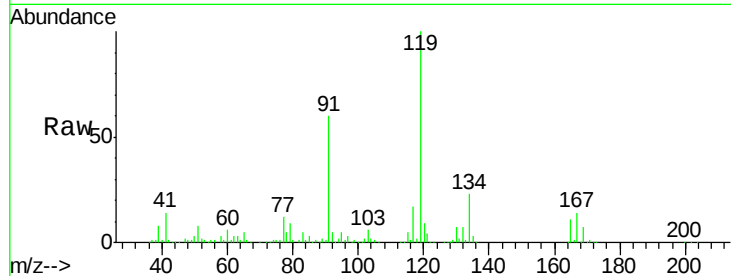
91 338.1 0.0 667.2



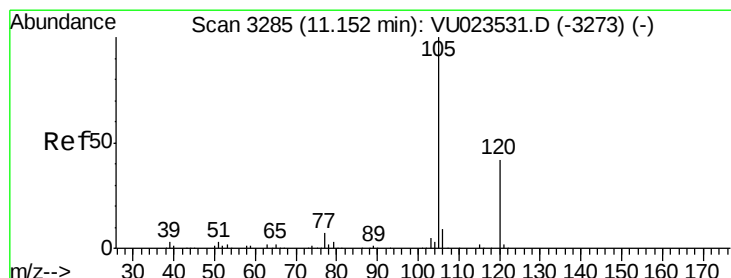
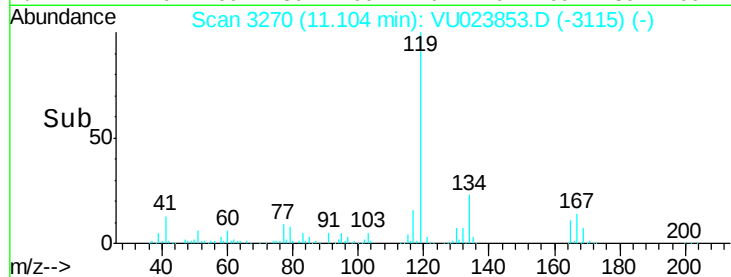
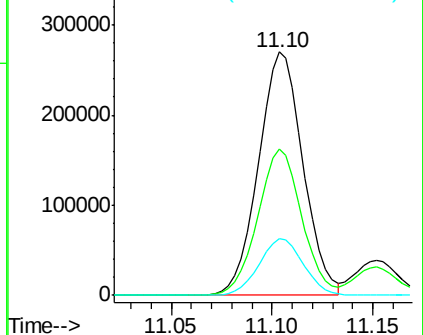


#77
 tert-Butylbenzene
 Concen: 11.597 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	29.6	88.8
134	23.4	19.1	28.7

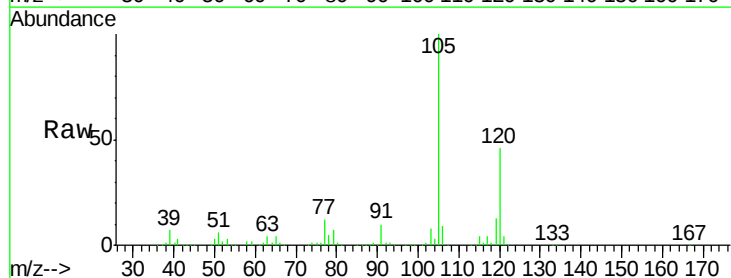


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

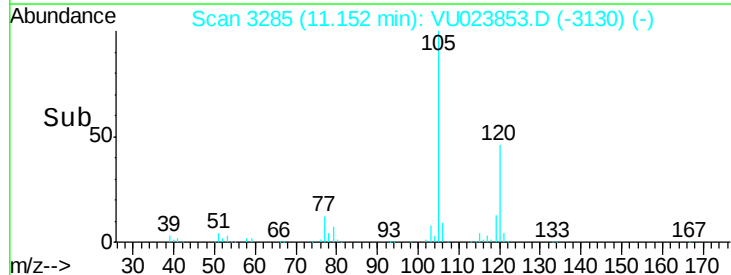
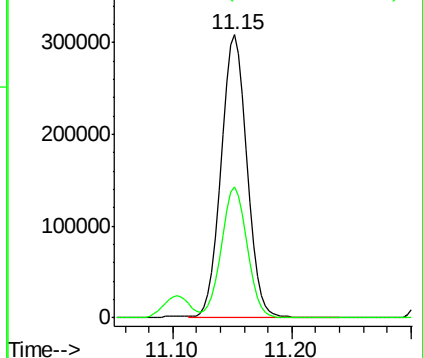


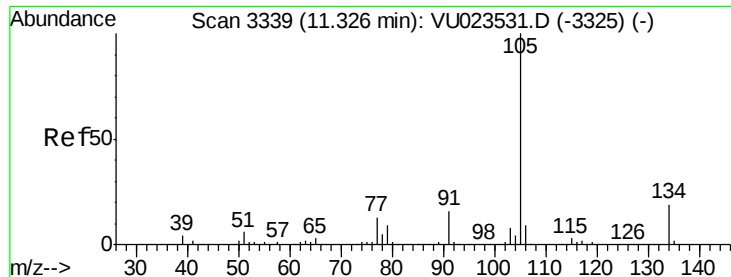
#78
 1,2,4-Trimethylbenzene
 Concen: 12.063 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3



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





#79

sec-Butylbenzene

Concen: 11.814 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU023853.D

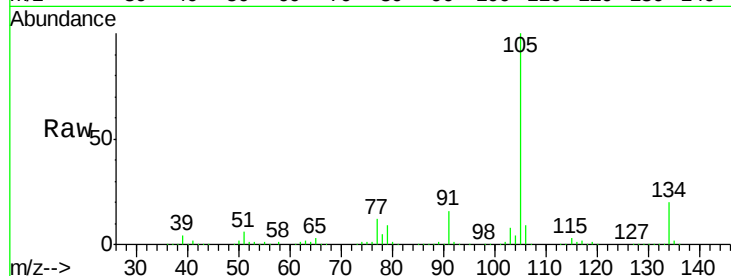
Acq: 14 May 2018 15:23

Tot Ion: 105 Resp: 590984

Ion Ratio Lower Upper

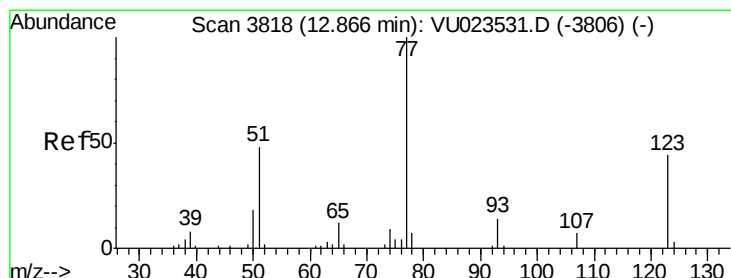
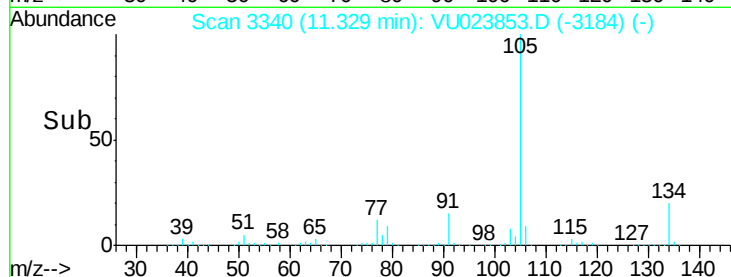
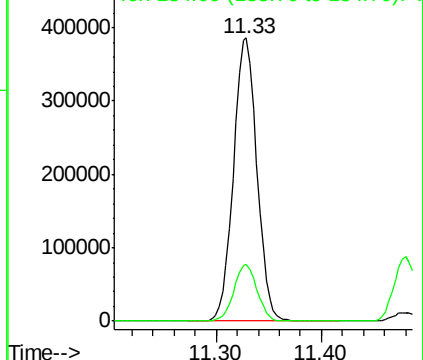
105 100

134 19.9 15.6 23.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 47.204 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

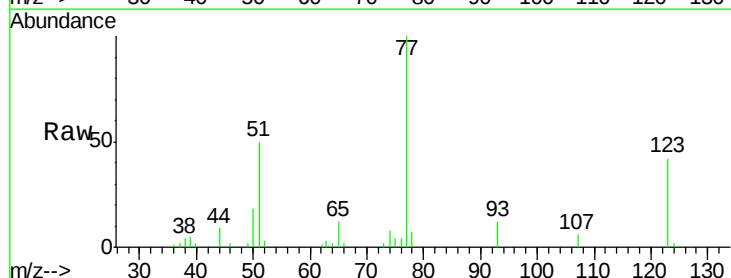
Tgt Ion: 77 Resp: 16970

Ion Ratio Lower Upper

77 100

123 43.1 19.4 68.6

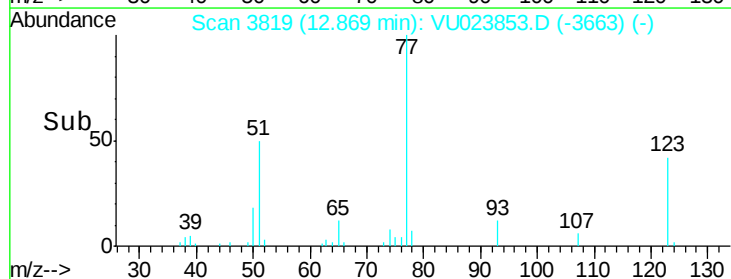
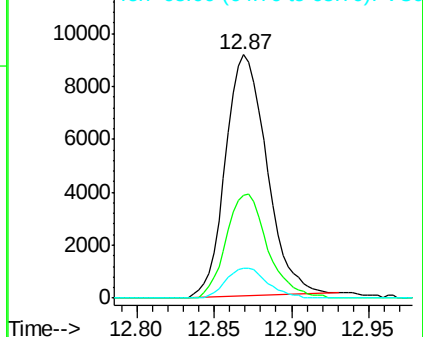
65 12.4 11.2 14.2

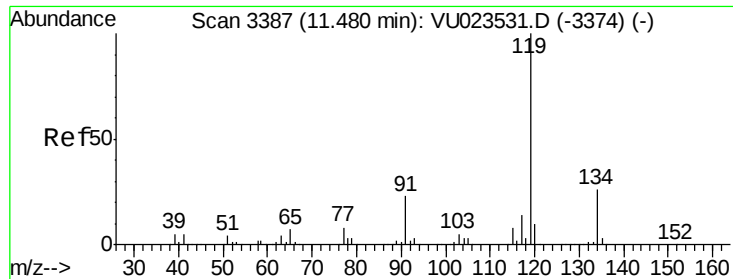


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

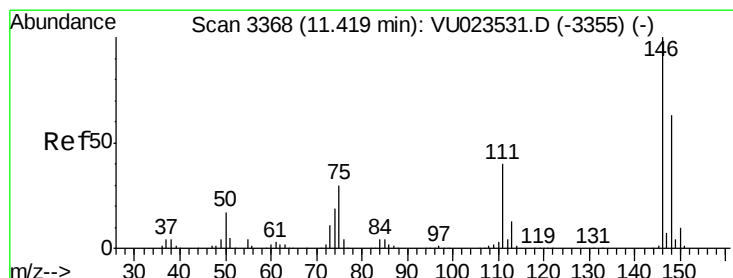
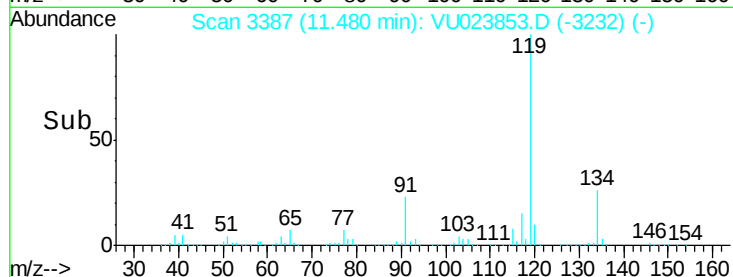
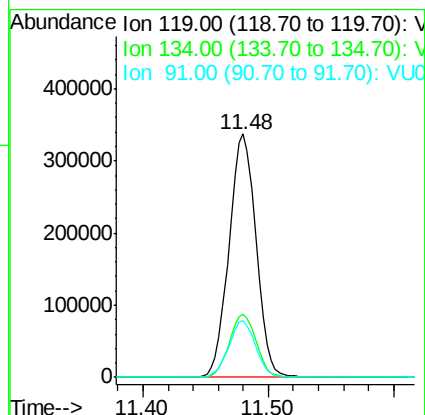
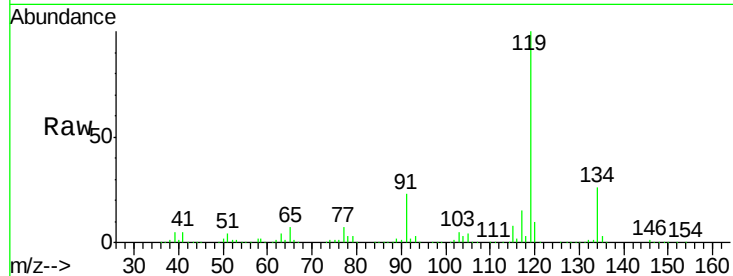
Ion 65.00 (64.70 to 65.70): VU0





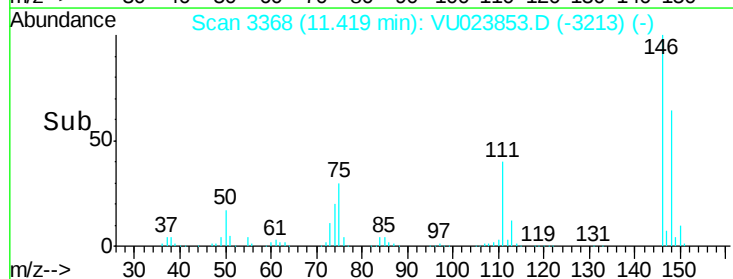
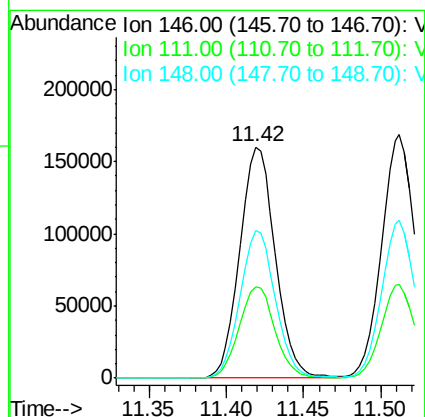
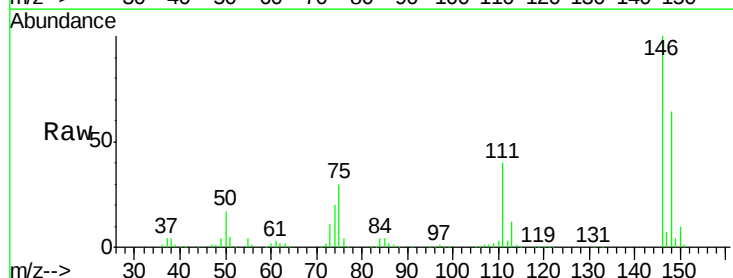
#81
 p-Isopropyltoluene
 Concen: 12.234 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

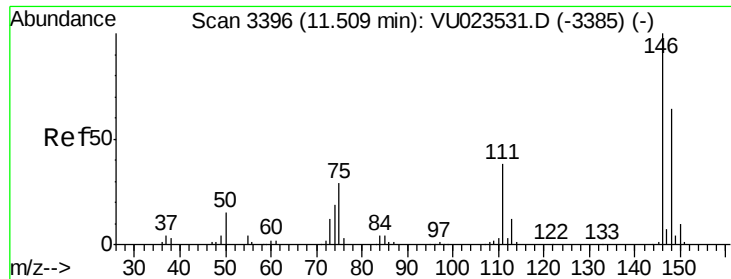
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.9	31.3
91	23.3	18.2	27.2



#82
 1,3-Dichlorobenzene
 Concen: 11.365 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.8	47.6
148	63.6	51.0	76.4





#83

1,4-Dichlorobenzene

Concen: 11.602 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

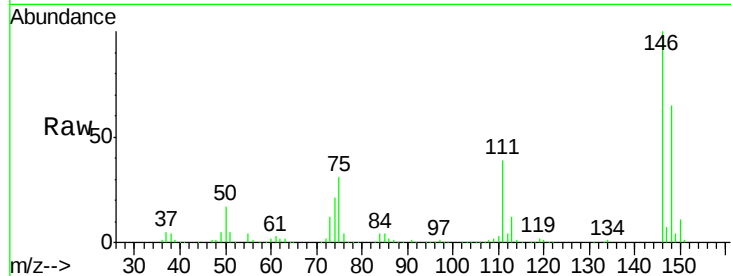
Tot Ion:146 Resp: 260579

Ion Ratio Lower Upper

146 100

111 38.4 30.1 45.1

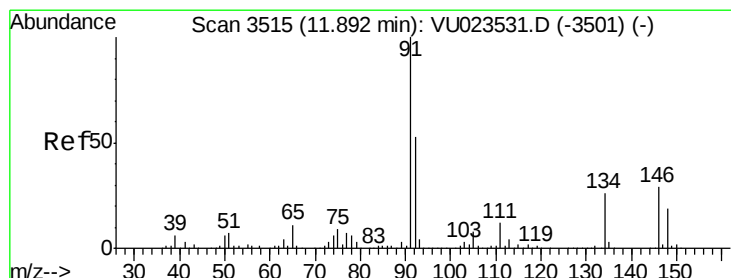
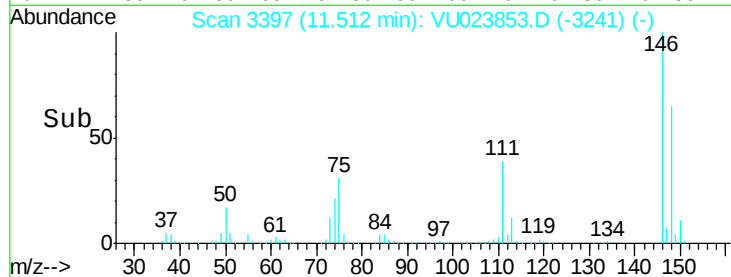
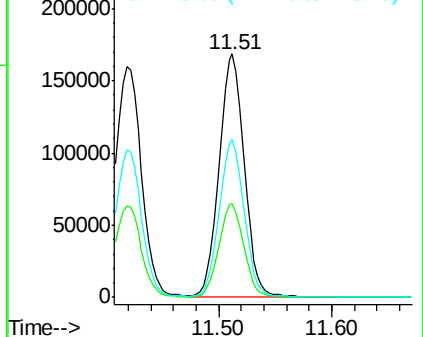
148 64.9 50.6 76.0



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: 12.163 ug/l

RT: 11.89 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

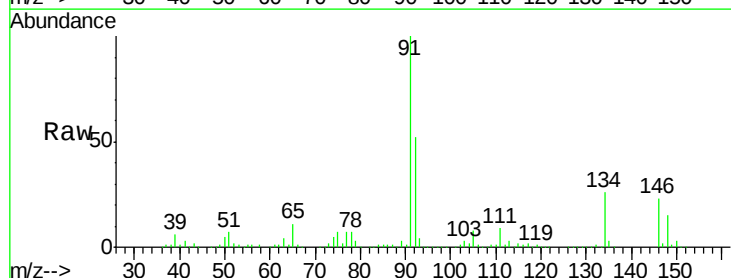
Tgt Ion: 91 Resp: 488126

Ion Ratio Lower Upper

91 100

92 52.2 42.2 63.2

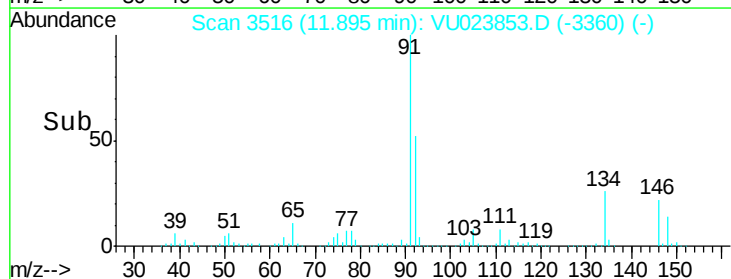
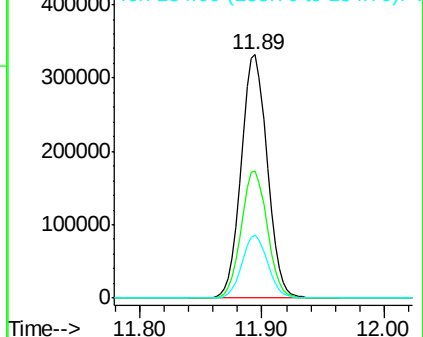
134 25.5 20.3 30.5

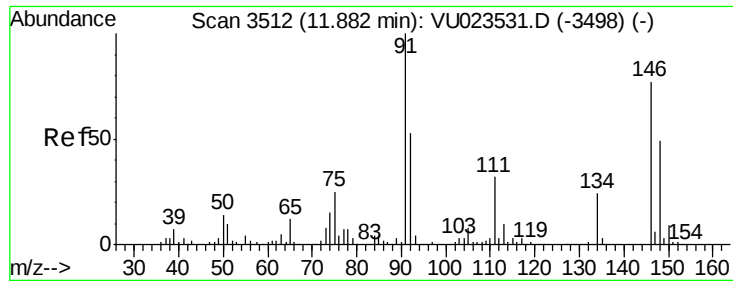


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 11.462 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

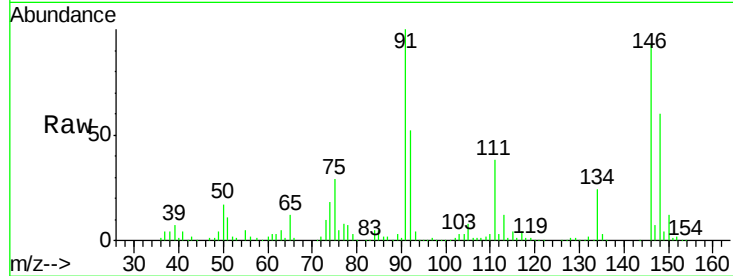
Tot Ion:146 Resp: 232727

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	64.0	31.9	95.5

146 100

111 41.0 20.7 62.1

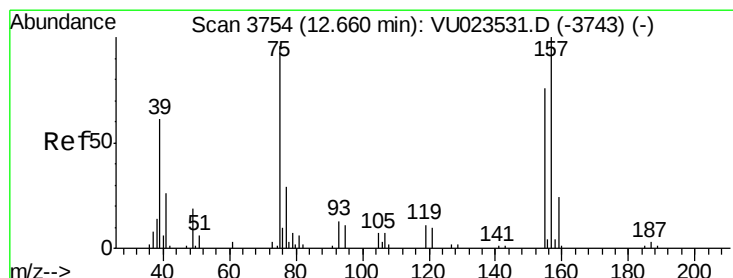
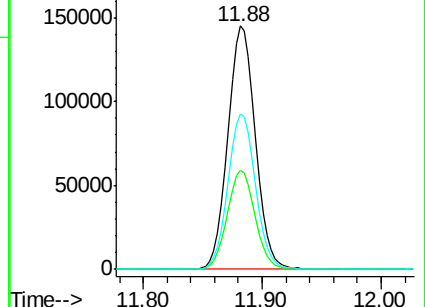
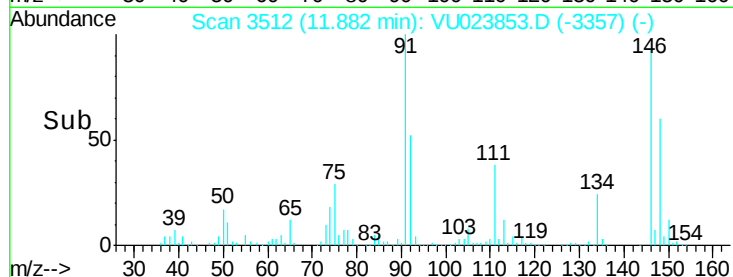
148 64.0 31.9 95.5



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 12.086 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023853.D

Acq: 14 May 2018 15:23

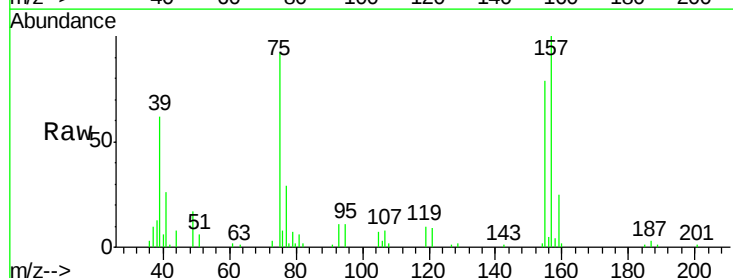
Tgt Ion: 75 Resp: 14855

Ion	Ratio	Lower	Upper
75	100		
155	82.8	65.8	98.6
157	104.8	83.5	125.3

75 100

155 82.8 65.8 98.6

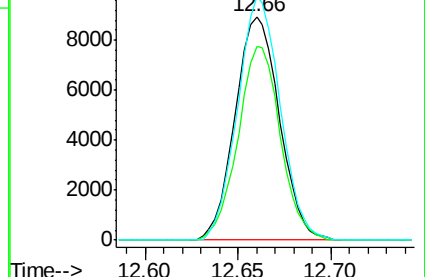
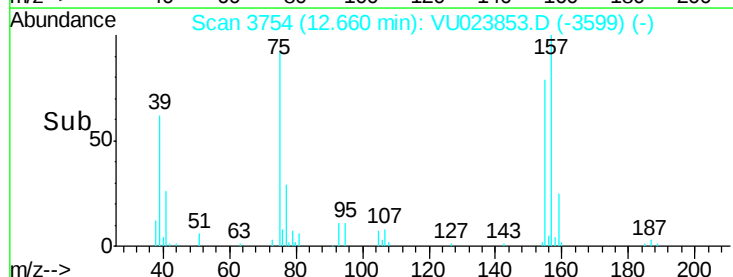
157 104.8 83.5 125.3

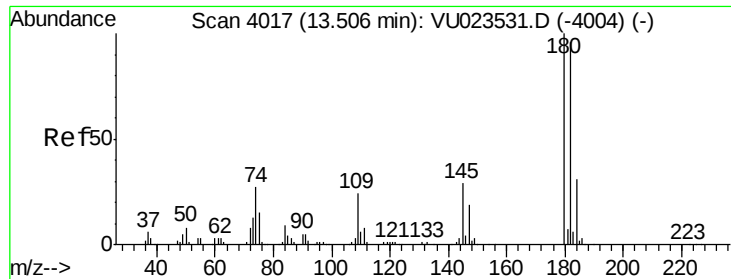


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

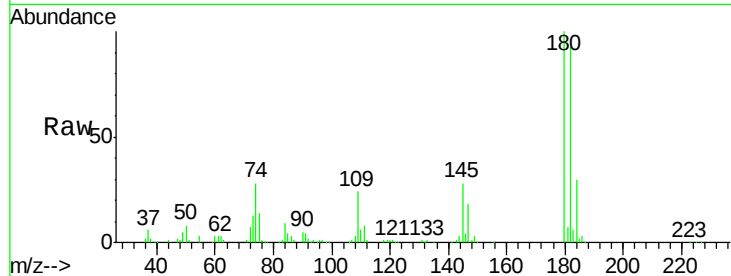
Ion 157.00 (156.70 to 157.70): V



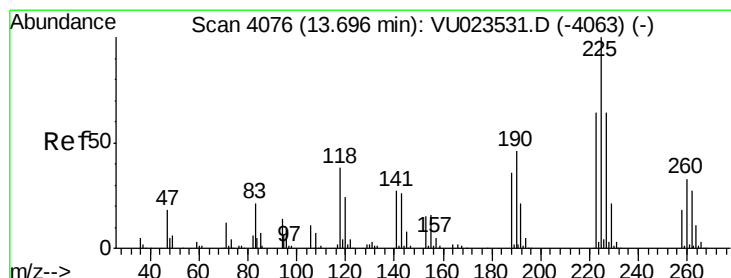
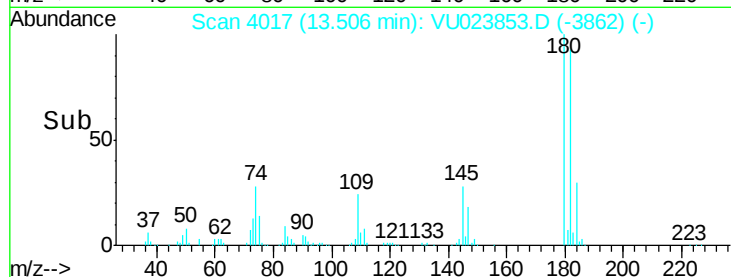
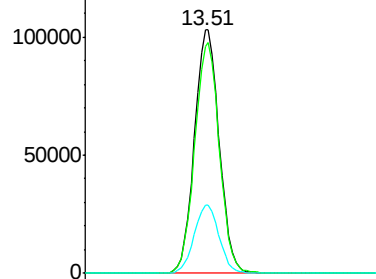


#87
 1,2,4-Trichlorobenzene
 Concen: 11.184 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	28.1	23.3	34.9

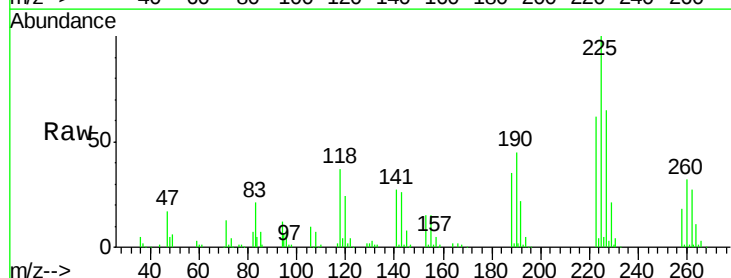


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

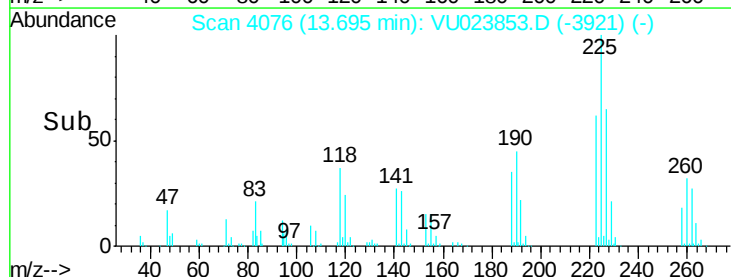
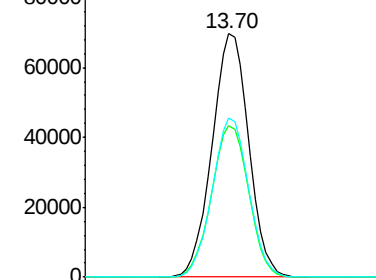


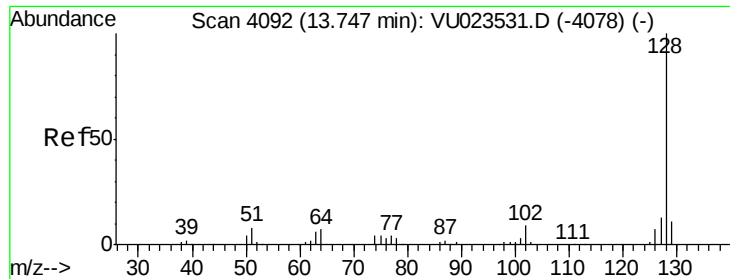
#88
 Hexachlorobutadiene
 Concen: 12.024 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU023853.D
 Acq: 14 May 2018 15:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	65.0	51.8	77.6



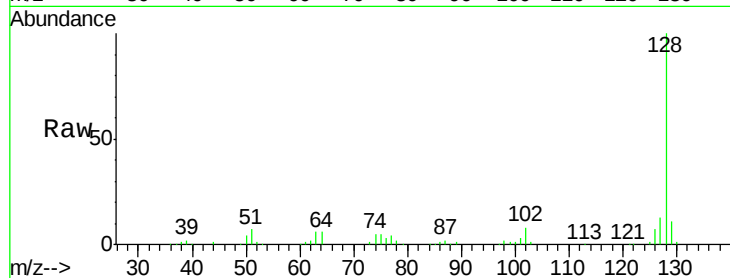
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



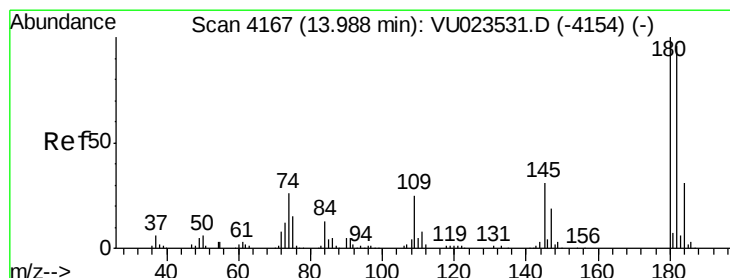
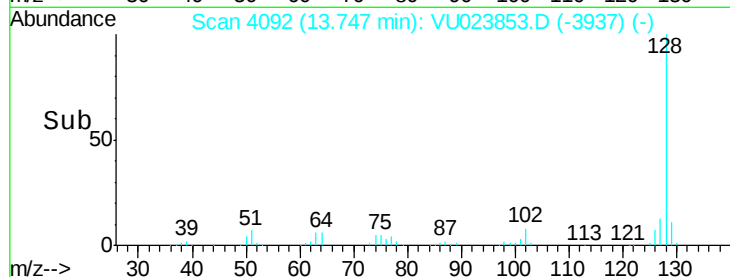
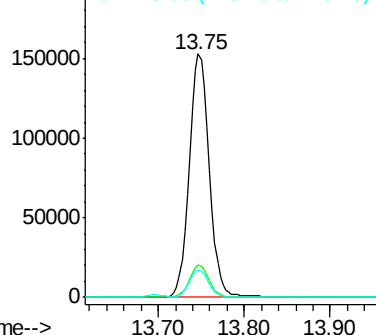


#89
Naphthalene
Concen: 11.181 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tot Ion:128 Resp: 247284
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1

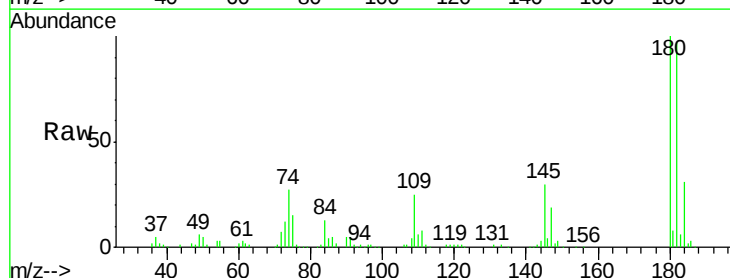


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.267 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023853.D
Acq: 14 May 2018 15:23

Tgt Ion:180 Resp: 155320
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 30.3 24.6 36.8



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

