

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051418\
 Data File : VU023850.D
 Acq On : 14 May 2018 12:58
 Operator : MD/SY
 Sample : VU0514WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 15 04:28:48 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	41002	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14422	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	11.87	152	15504	1.19	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	28966	2.176	ug/l	100
3) Chloromethane	1.33	50	31607	2.049	ug/l	96
4) Vinyl Chloride	1.40	62	32354	2.186	ug/l	98
5) Bromomethane	1.63	94	16390	2.072	ug/l	93
6) Chloroethane	1.70	64	19744	2.397	ug/l	97
7) Trichlorofluoromethane	1.89	101	39907	2.349	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23627	2.264	ug/l	96
9) 1,1-Dichloroethene	2.29	96	21438	2.213	ug/l	94
10) Iodomethane	2.41	142	13079	1.135	ug/l	99
11) Allyl Chloride	2.60	41	39216	2.202	ug/l	91
12) Acrylonitrile	2.94	53	10407	5.205	ug/l	94
13) Acetone	2.32	43	48168	28.386	ug/l	100
14) Carbon Disulfide	2.48	76	71834	2.254	ug/l	98
15) Methylene Chloride	2.70	84	24652	2.234	ug/l	95
16) trans-1,2-Dichloroethene	2.99	96	23176	2.233	ug/l	98
17) 1,1-Dichloroethane	3.45	63	46650	2.282	ug/l	100
18) 2-Butanone	4.28	43	46813	17.072	ug/l	99
19) Cyclohexane	5.00	56	30123	1.705	ug/l	95
20) Methylcyclohexane	6.42	83	31907	1.770	ug/l	97
21) 2,2-Dichloropropane	4.23	77	34414	2.123	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	23946	2.132	ug/l	99
23) Diethyl Ether	2.10	59	17248	2.178	ug/l	97
24) tert-Butyl Alcohol	2.83	59	17128	28.677	ug/l #	85
25) Methyl tert-Butyl Ether	3.00	73	53277	2.188	ug/l	95
26) Bromochloromethane	4.55	128	10408	2.345	ug/l	96
27) Chloroform	4.68	83	43400	2.254	ug/l	96
28) 1,1,1-Trichloroethane	4.92	97	35352	2.238	ug/l	98
29) 1,1-Dichloropropene	5.14	75	31024	2.002	ug/l	99
30) Carbon Tetrachloride	5.14	117	29078	2.188	ug/l	95
31) Isopropyl Ether	3.58	45	67985	1.970	ug/l	93
32) Ethyl-t-butyl ether	4.08	59	52844	1.792	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	42792	1.714	ug/l	99
34) Propionitrile	4.34	54	8735	11.188	ug/l #	88
35) Benzene	5.39	78	93362	2.027	ug/l	100
36) 1,2-Dichloroethane	5.41	62	27103	2.080	ug/l	97
37) Trichloroethene	6.19	130	23665	1.914	ug/l	98
38) 1,2-Dichloropropane	6.44	63	24393	1.931	ug/l	99
39) Methacrylonitrile	4.55	41	7409	1.856	ug/l	96
40) Methyl acrylate	4.43	55	10499	1.896	ug/l	98
41) Tetrahydrofuran	4.65	42	7659	3.723	ug/l	98
42) 1-Chlorobutane	5.07	56	43817	1.951	ug/l	98

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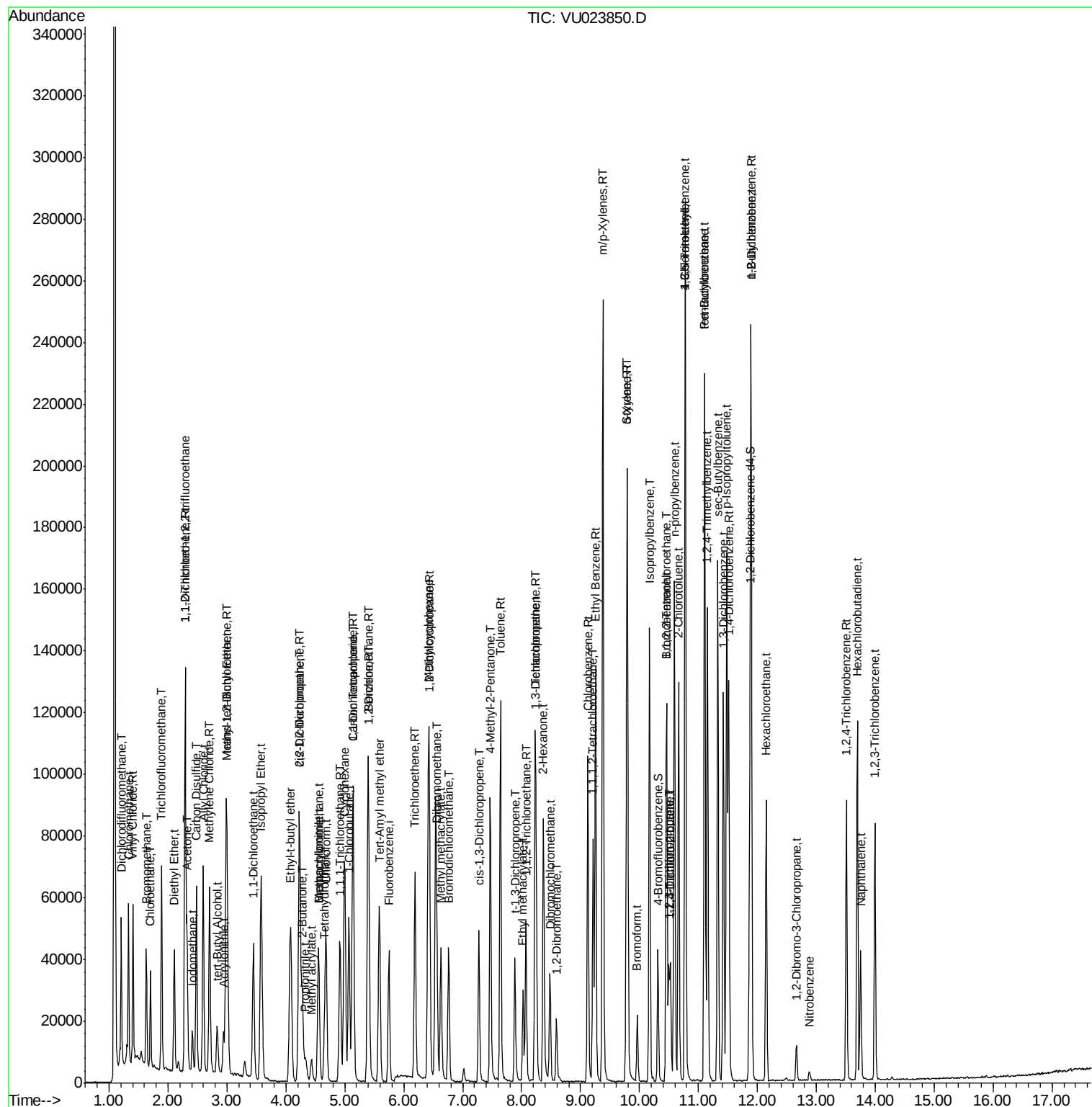
Quant Time: May 15 04:28:48 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\524U043018DW.M
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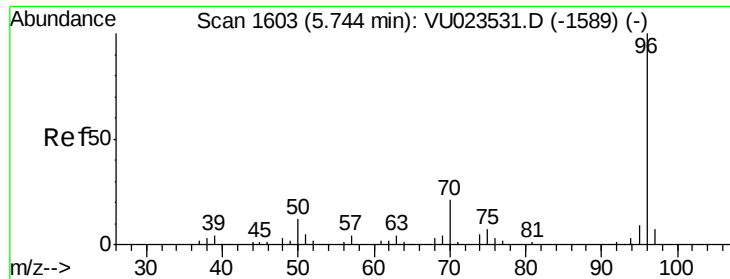
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	11286	2.077	ug/l	99
44) Bromodichloromethane	6.76	83	29120	2.133	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	65990	10.275	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	8168m	4.302	ug/l	
47) Methyl methacrylate	6.63	69	18589	3.776	ug/l	96
48) Ethyl methacrylate	8.02	69	15129	1.758	ug/l	92
49) Toluene	7.64	92	51732	1.944	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	22770	1.954	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	28687	1.891	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	15852	2.050	ug/l	98
53) 1,3-Dichloropropane	8.25	76	28058	2.041	ug/l	99
54) 2-Hexanone	8.37	43	59229	13.539	ug/l	94
55) Dibromochloromethane	8.48	129	17503	2.066	ug/l	98
56) 1,2-Dibromoethane	8.59	107	14201	2.132	ug/l	98
58) Tetrachloroethene	8.23	164	22677	2.011	ug/l	96
59) Chlorobenzene	9.12	112	57831	2.030	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	20525	2.122	ug/l	100
61) Pentachloroethane	11.10	117	17346	2.526	ug/l	91
62) Hexachloroethane	12.15	117	16165	2.453	ug/l	97
63) Ethyl Benzene	9.25	91	89901	1.899	ug/l	99
64) m/p-Xylenes	9.38	106	70580	3.866	ug/l	99
65) o-Xylene	9.78	106	34831	1.981	ug/l	99
66) Styrene	9.80	104	57024	1.967	ug/l	97
67) Bromoform	9.96	173	9528	2.153	ug/l	93
69) Isopropylbenzene	10.17	105	89023	1.966	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	20282	2.327	ug/l	98
71) 1,2,3-Trichloropropane	10.50	75	23665	3.794	ug/l #	76
72) Bromobenzene	10.46	156	24162	2.143	ug/l	96
73) n-propylbenzene	10.59	120	25439	2.032	ug/l	93
74) 2-Chlorotoluene	10.66	126	24140	2.181	ug/l	94
75) 1,3,5-Trimethylbenzene	10.78	105	80183	2.102	ug/l	100
76) 4-Chlorotoluene	10.78	126	25691	2.240	ug/l	96
77) tert-Butylbenzene	11.10	119	78143	2.186	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	81277	2.110	ug/l	99
79) sec-Butylbenzene	11.33	105	109604	2.190	ug/l	100
80) Nitrobenzene	12.88	77	2409	8.746	ug/l #	86
81) p-Isopropyltoluene	11.48	119	89736	2.182	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	52990	2.355	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	53141	2.365	ug/l	100
84) n-Butylbenzene	11.90	91	88401	2.201	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	46803	2.304	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3048	2.478	ug/l	99
87) 1,2,4-Trichlorobenzene	13.51	180	28946	1.970	ug/l	99
88) Hexachlorobutadiene	13.70	225	22442	2.519	ug/l	98
89) Naphthalene	13.75	128	36507	1.650	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	26947	1.954	ug/l	98

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

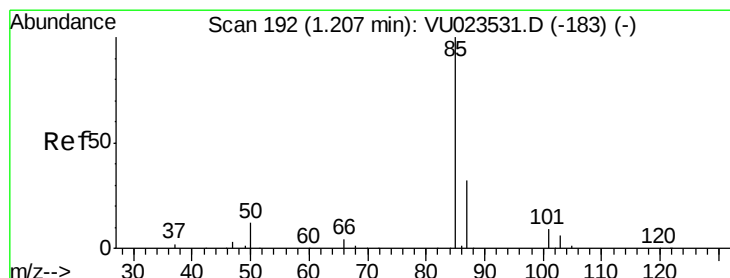
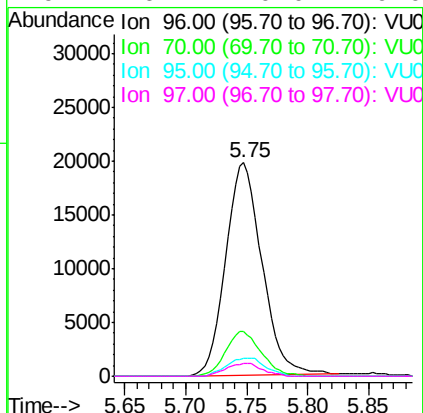
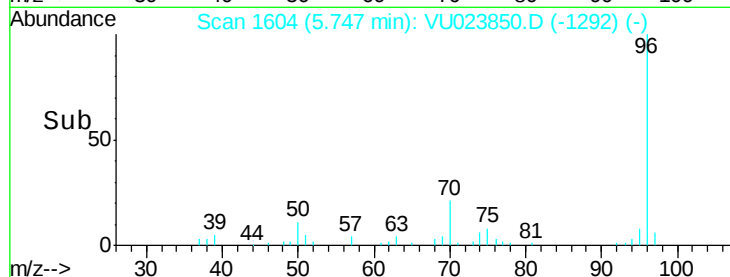
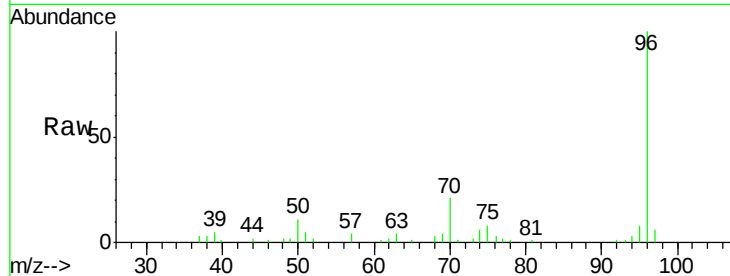
RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tot Ion:	96	Resp:	41002
Ion	Ratio	Lower	Upper
96	100		
70	20.8	16.2	24.4
95	9.1	6.9	10.3
97	6.1	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 2.176 ug/l

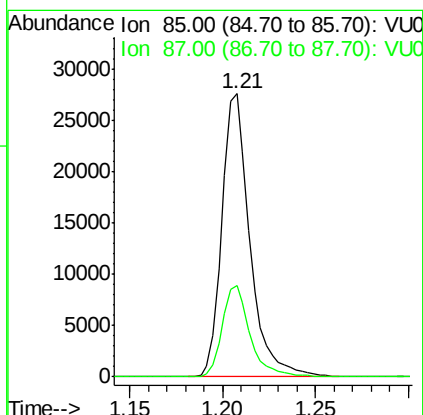
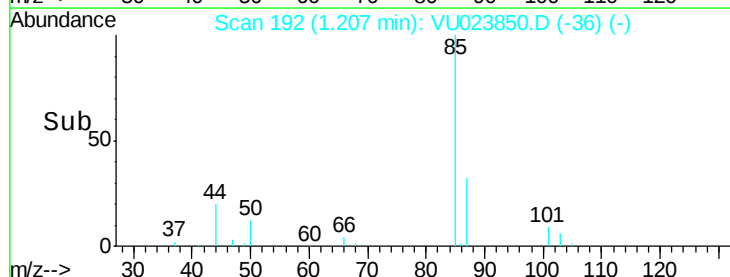
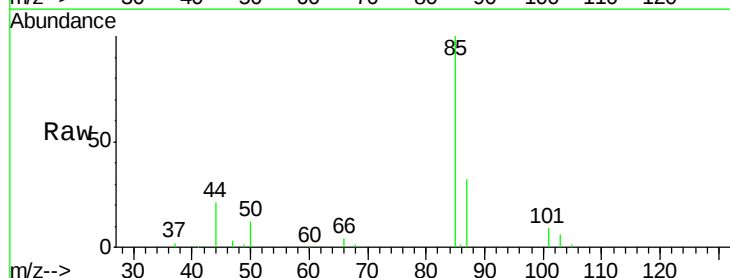
RT: 1.21 min Scan# 192

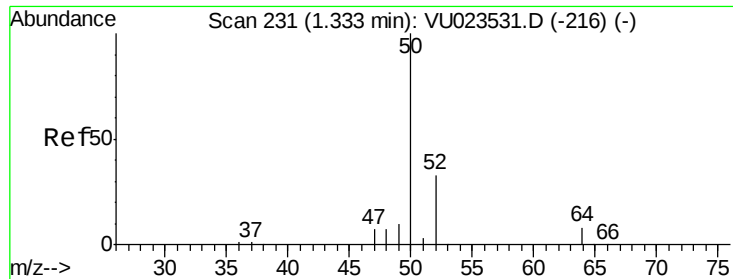
Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

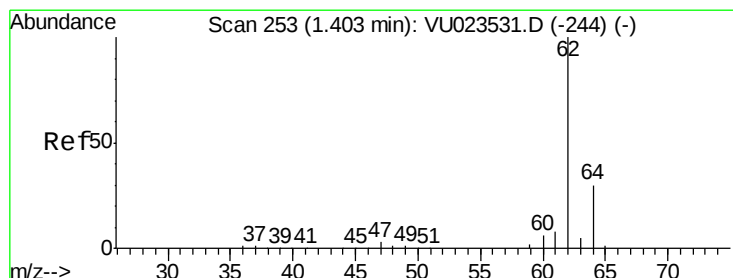
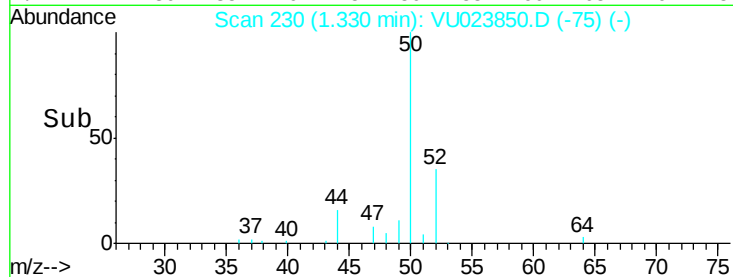
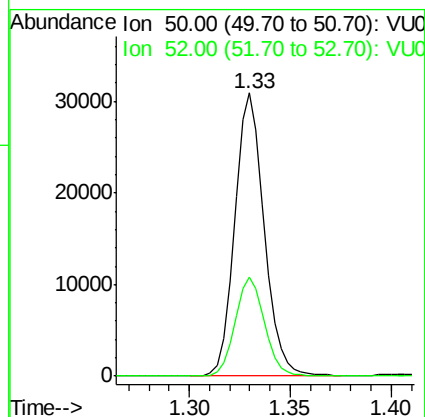
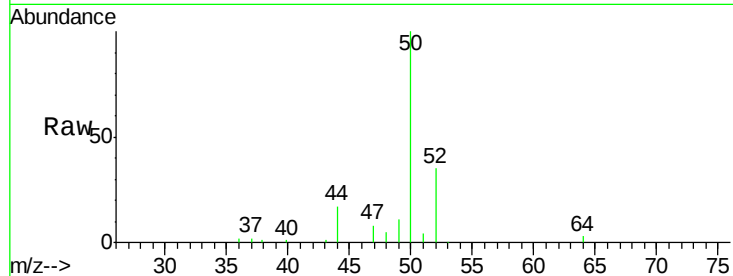
Tgt Ion:	85	Resp:	28966
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.5





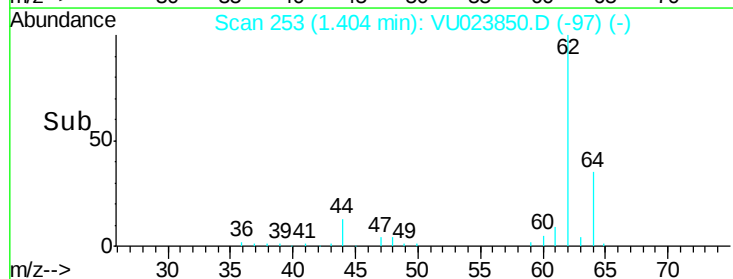
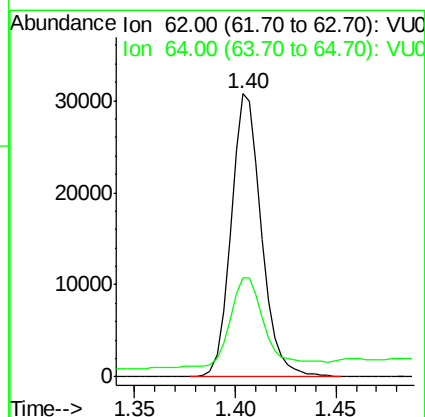
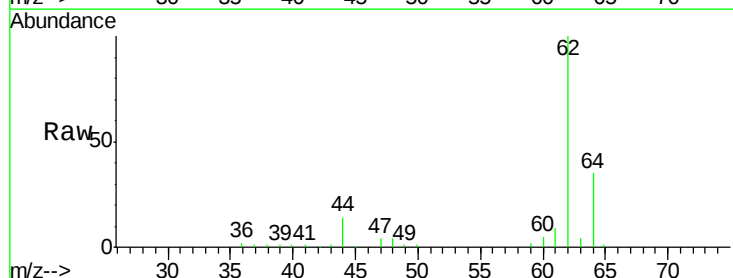
#3
 Chloromethane
 Concen: 2.049 ug/l
 RT: 1.33 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

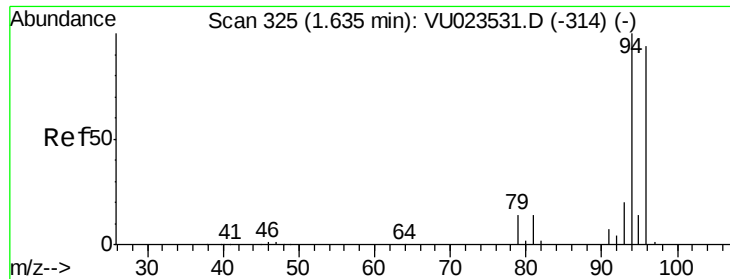
Tot Ion: 50 Resp: 31607
 Ion Ratio Lower Upper
 50 100
 52 34.8 26.0 39.0



#4
 Vinyl Chloride
 Concen: 2.186 ug/l
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion: 62 Resp: 32354
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.8 38.8





#5

Bromomethane

Concen: 2.072 ug/l

RT: 1.63 min Scan# 324

Delta R.T. -0.00 min

Lab File: VU023850.D

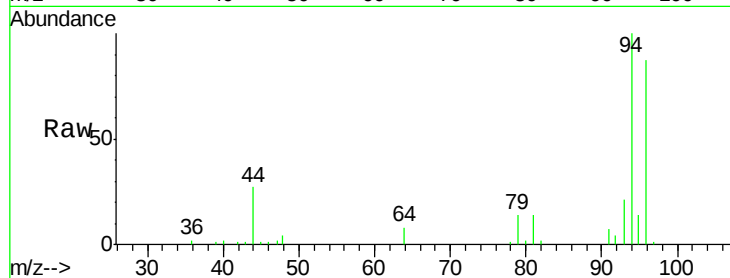
Acq: 14 May 2018 12:58

Tot Ion: 94 Resp: 16390

Ion Ratio Lower Upper

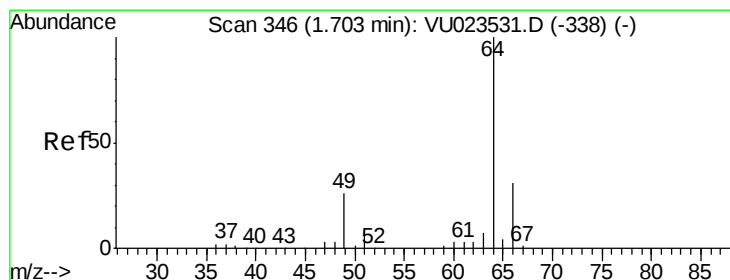
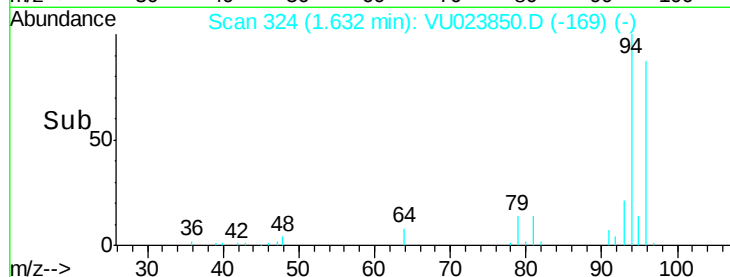
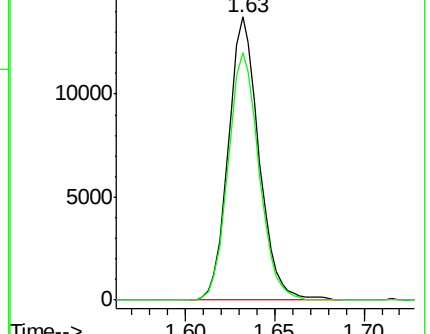
94 100

96 87.3 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.397 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023850.D

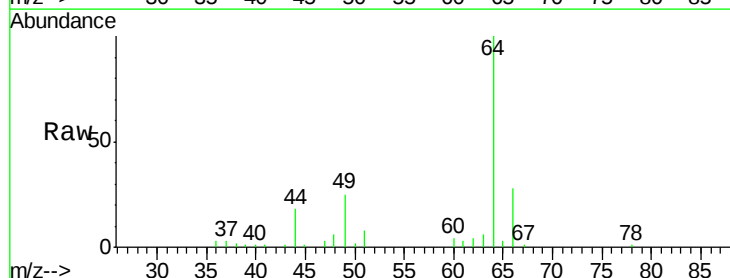
Acq: 14 May 2018 12:58

Tgt Ion: 64 Resp: 19744

Ion Ratio Lower Upper

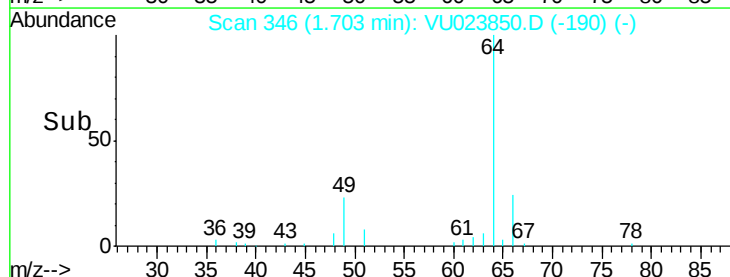
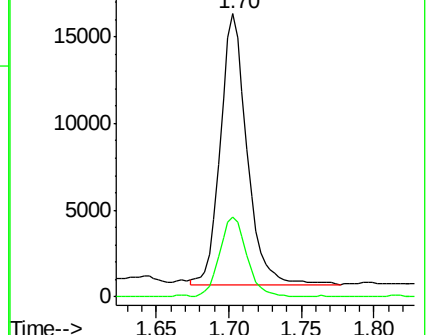
64 100

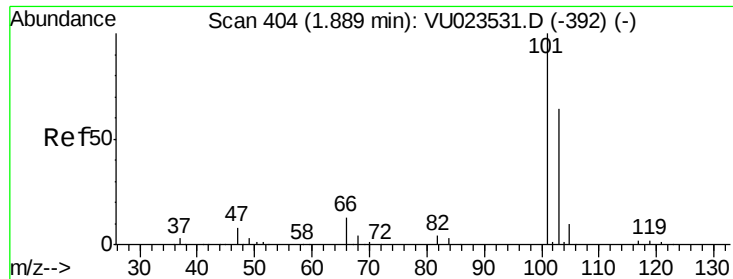
66 29.3 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 2.349 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023850.D

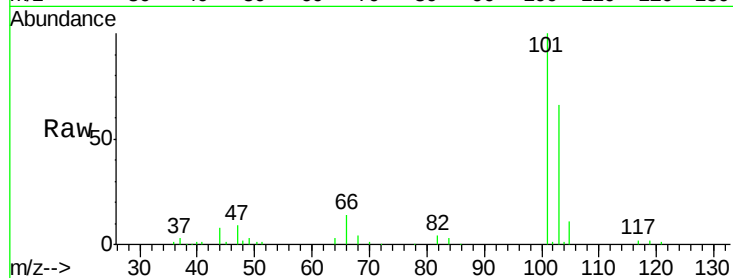
Acq: 14 May 2018 12:58

Tot Ion:101 Resp: 39907

Ion Ratio Lower Upper

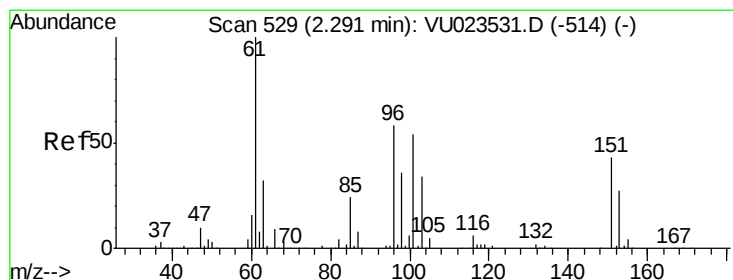
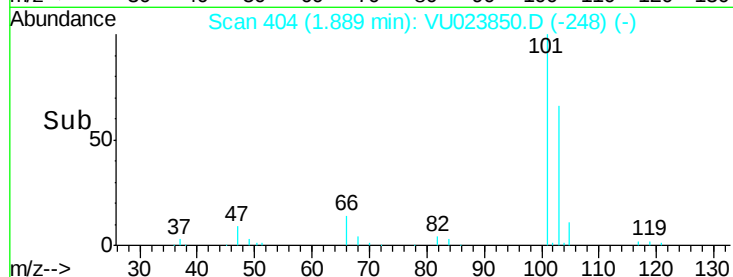
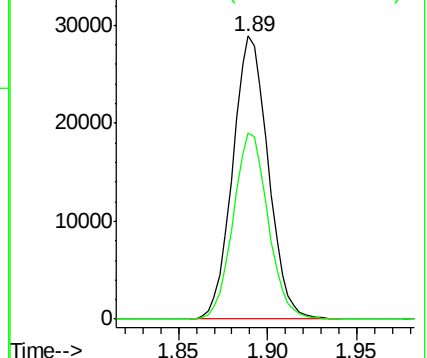
101 100

103 65.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 2.264 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

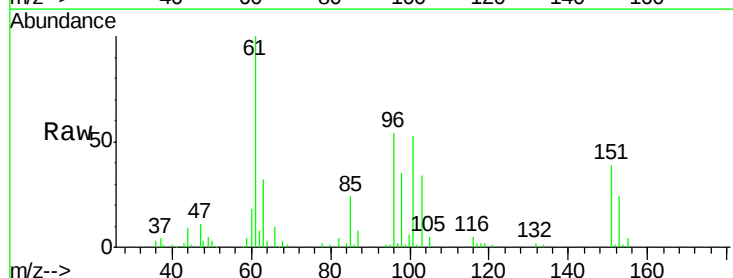
Tgt Ion:101 Resp: 23627

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

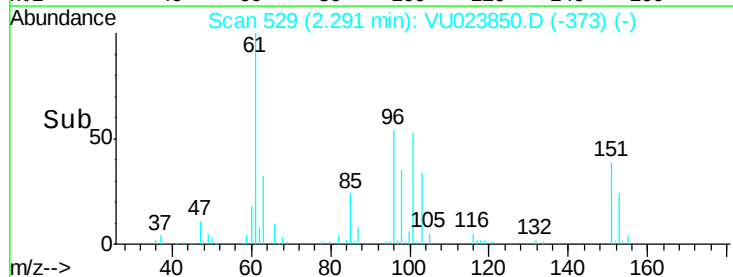
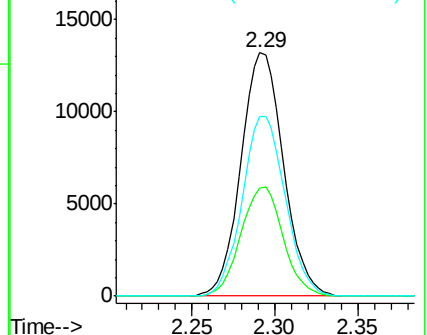
151 74.6 63.5 95.3

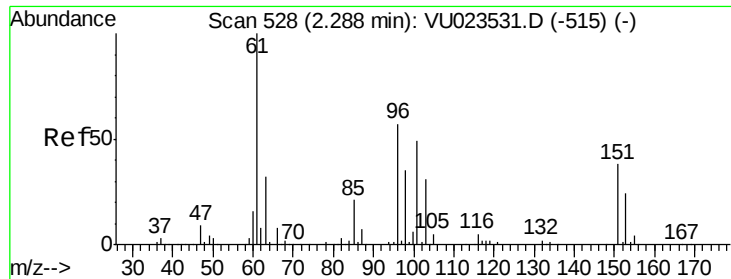


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.213 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

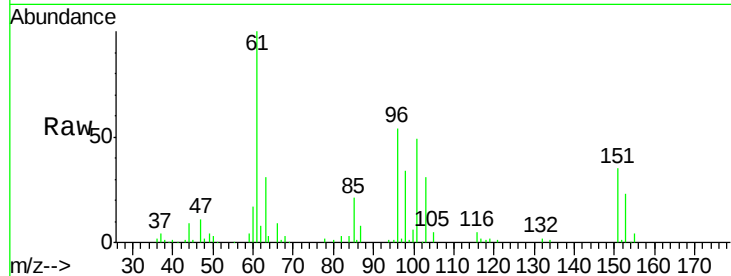
Tot Ion: 96 Resp: 21438

Ion Ratio Lower Upper

96 100

61 186.6 0.0 526.5

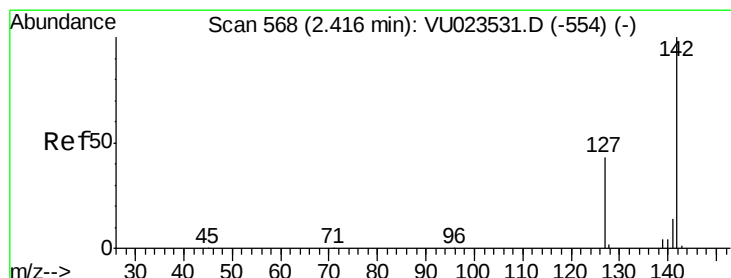
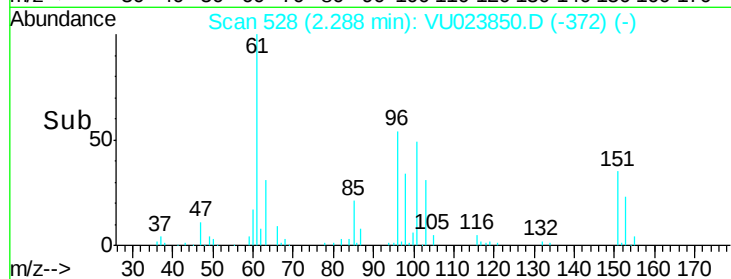
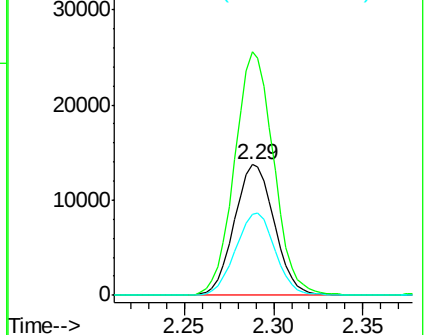
98 62.5 0.0 123.4



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: 1.135 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

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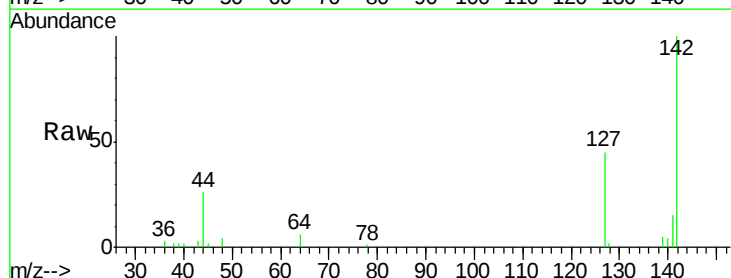
Acq: 14 May 2018 12:58

Tgt Ion: 142 Resp: 13079

Ion Ratio Lower Upper

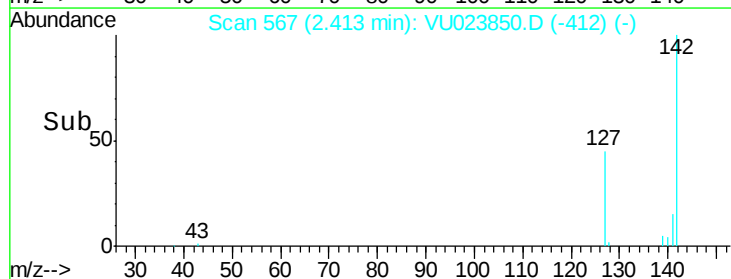
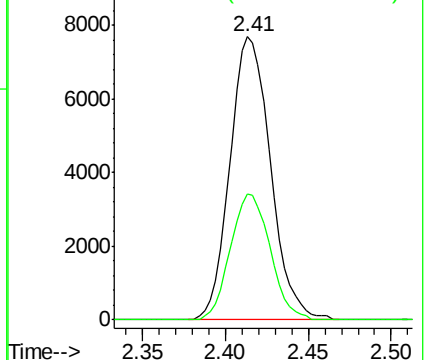
142 100

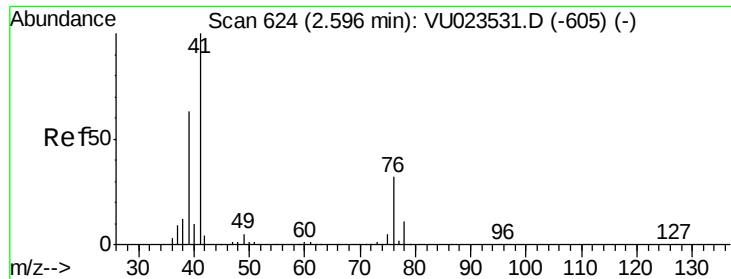
127 43.5 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

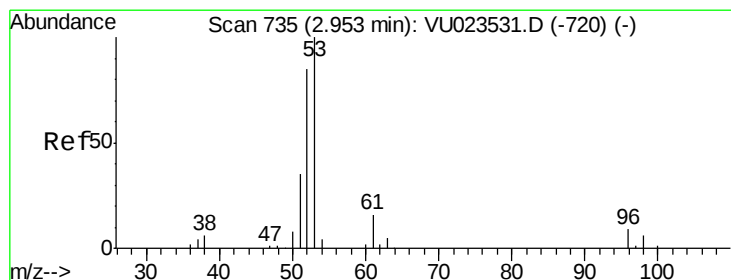
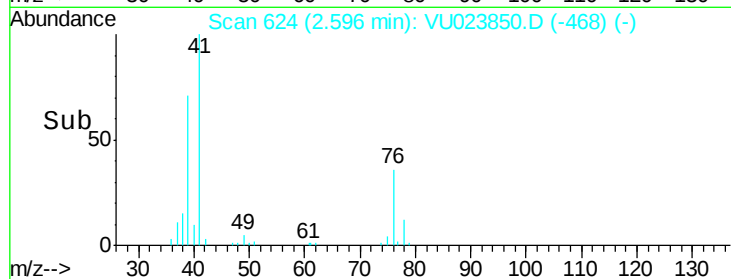
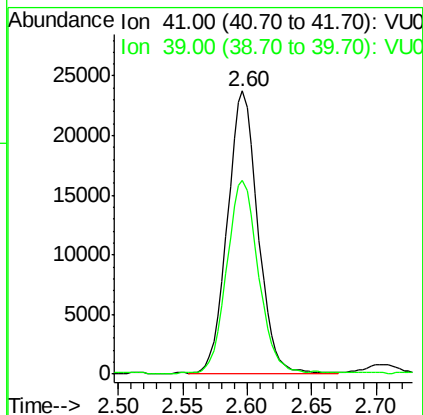
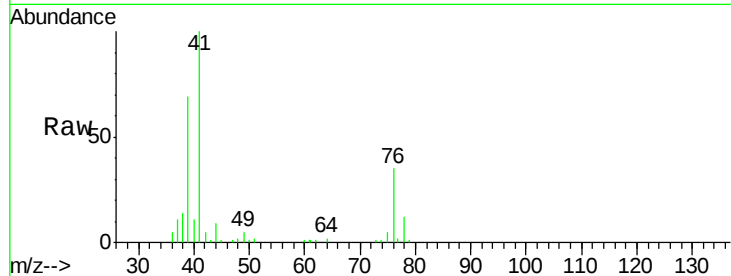
Ion 127.00 (126.70 to 127.70): V





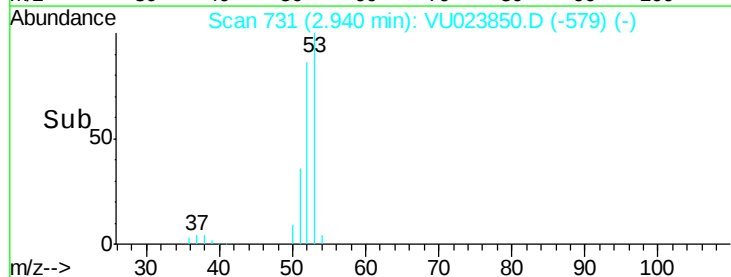
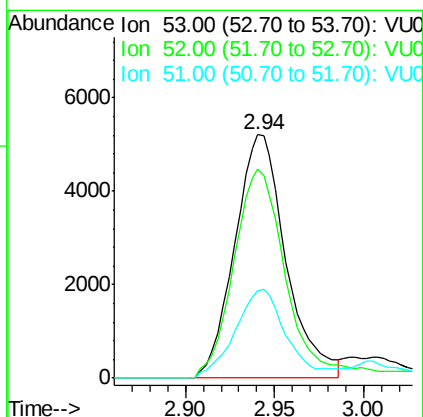
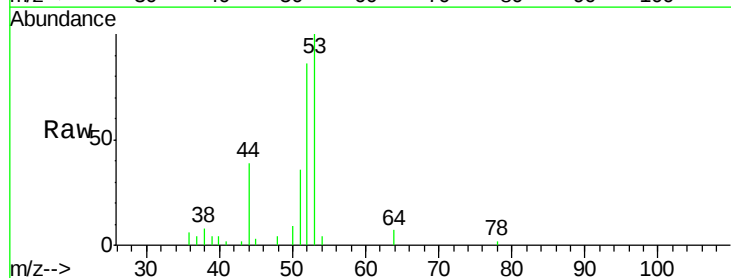
#11
Allvl Chloride
Concen: 2.202 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

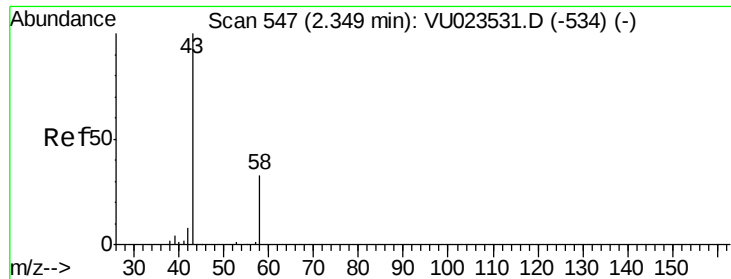
Tot Ion: 41 Resp: 39216
Ion Ratio Lower Upper
41 100
39 71.3 51.4 77.2



#12
Acrylonitrile
Concen: 5.205 ug/l
RT: 2.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tgt Ion: 53 Resp: 10407
Ion Ratio Lower Upper
53 100
52 87.9 65.1 97.7
51 35.6 30.2 45.4





#13

Acetone

Concen: 28.386 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.03 min

Lab File: VU023850.D

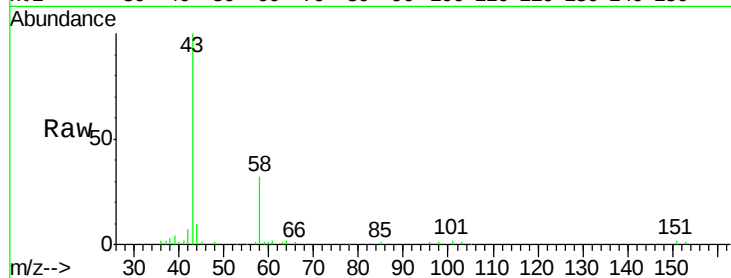
Acq: 14 May 2018 12:58

Tot Ion: 43 Resp: 48168

Ion Ratio Lower Upper

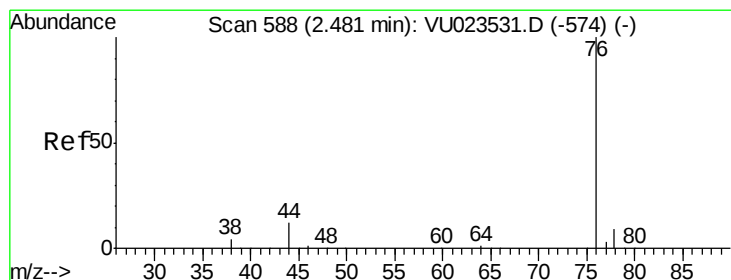
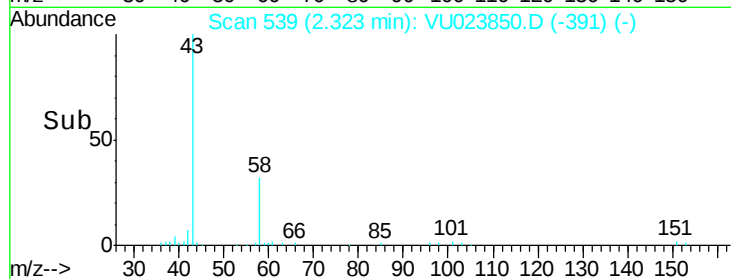
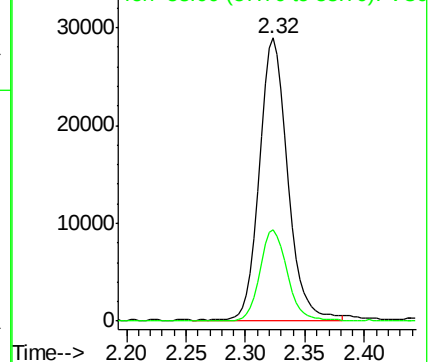
43 100

58 32.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 2.254 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023850.D

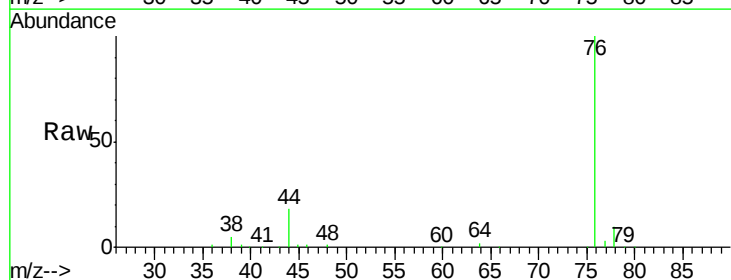
Acq: 14 May 2018 12:58

Tgt Ion: 76 Resp: 71834

Ion Ratio Lower Upper

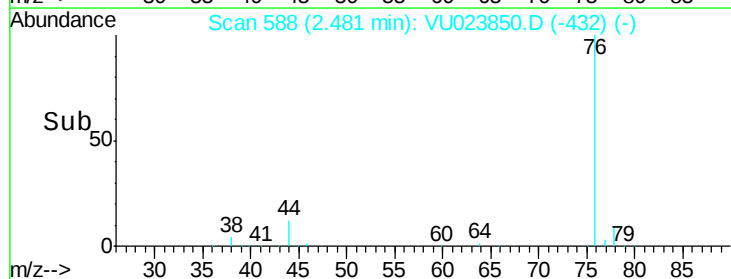
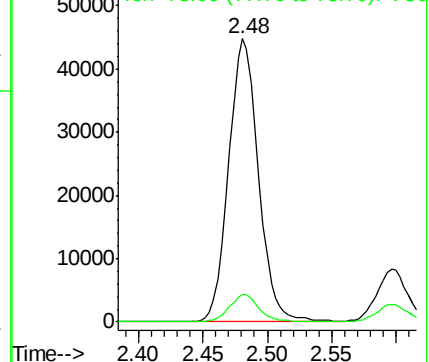
76 100

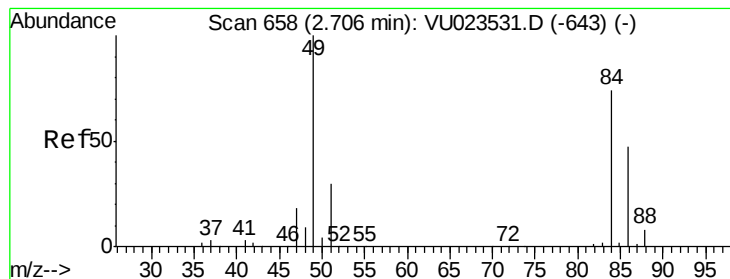
78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#15

Methvlene Chloride

Concen: 2.234 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tot Ion: 84 Resp: 24652

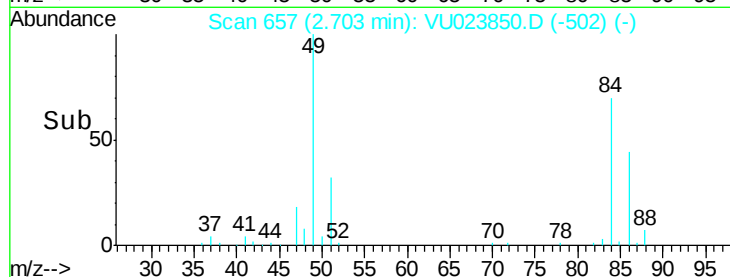
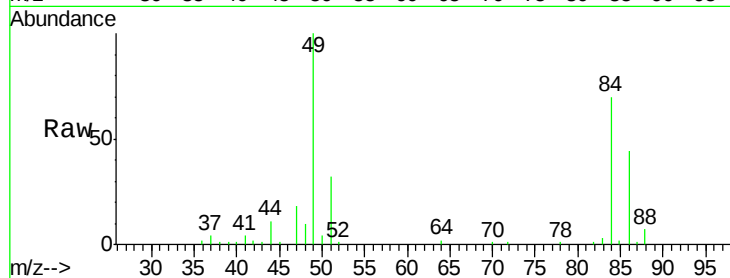
Ion Ratio Lower Upper

84 100

49 142.9 108.7 163.1

51 46.0 0.0 82.4

86 63.4 50.7 76.1

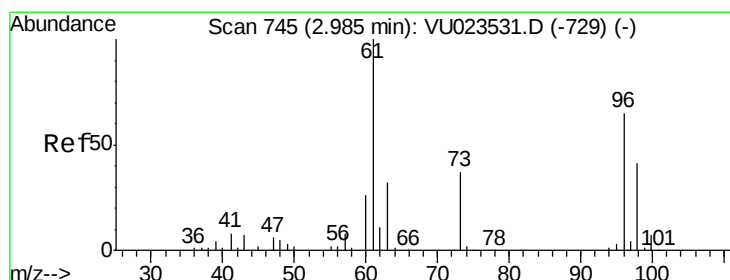
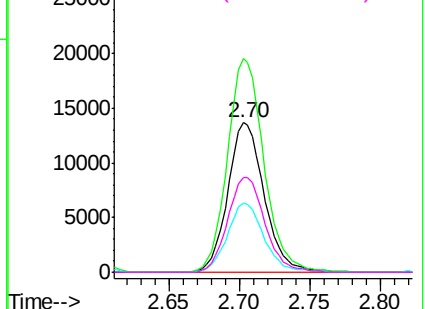


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 2.233 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

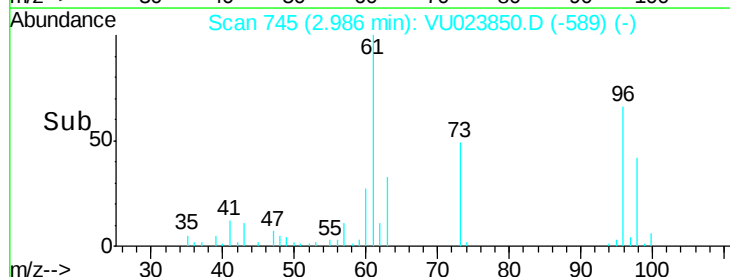
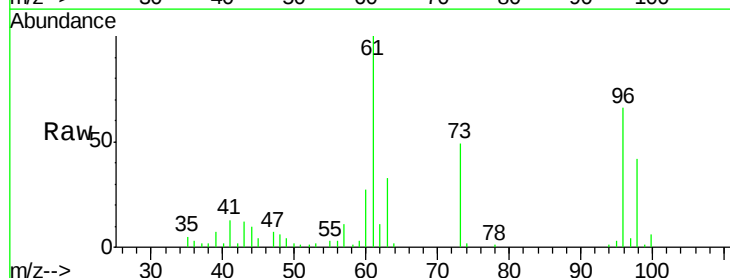
Tgt Ion: 96 Resp: 23176

Ion Ratio Lower Upper

96 100

61 152.4 123.9 185.9

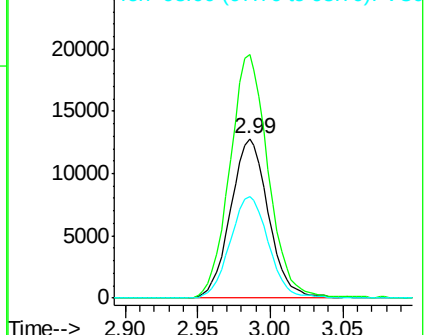
98 63.7 50.6 76.0

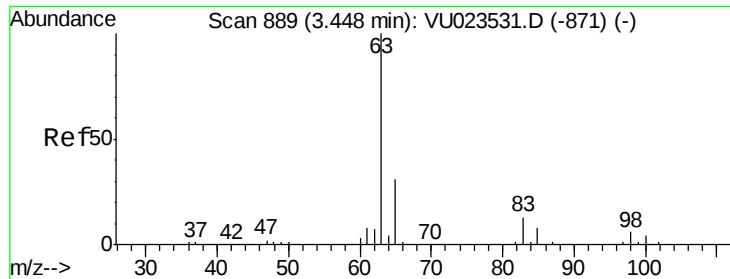


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

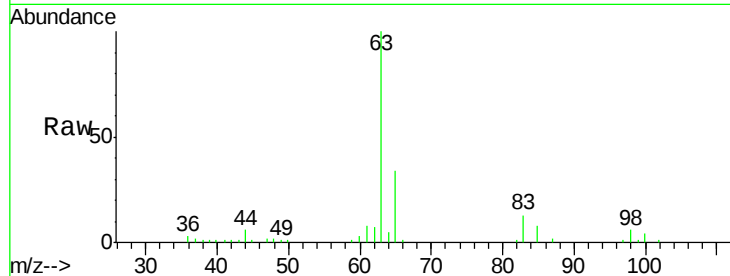
Ion 98.00 (97.70 to 98.70): VU0



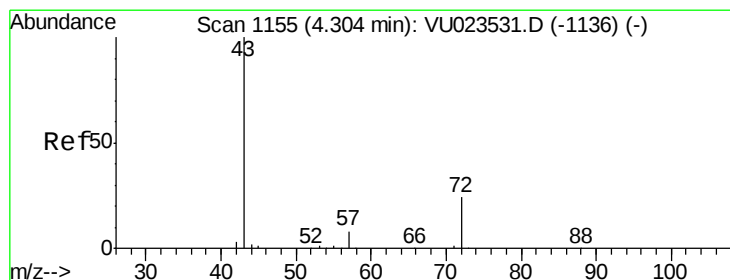
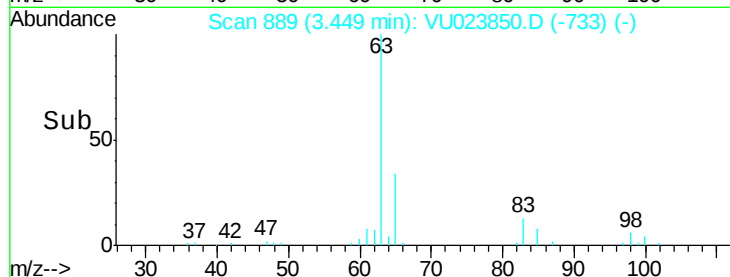
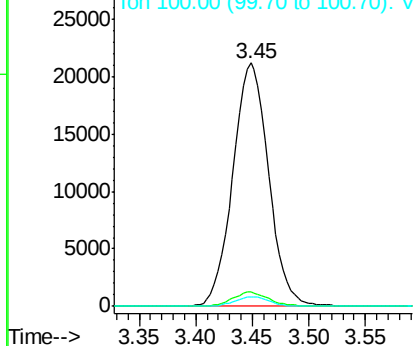


#17
 1,1-Dichloroethane
 Concen: 2.282 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion	63	Resp	46650
Ion Ratio	100		
Lower	2.9		
Upper	8.8		
63	100		
98	5.9		
100	3.8		

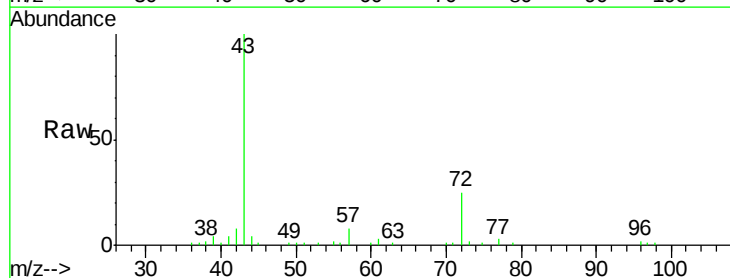


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

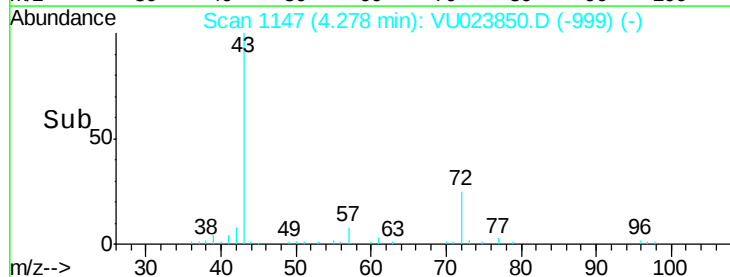
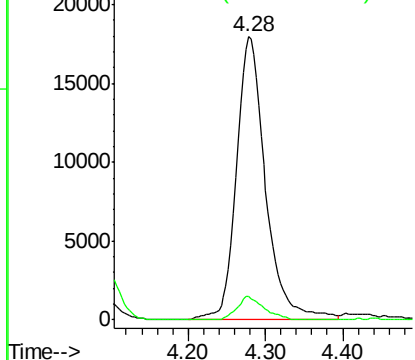


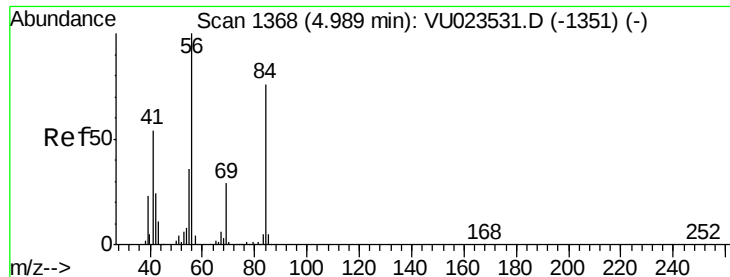
#18
 2-Butanone
 Concen: 17.072 ug/l
 RT: 4.28 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion	43	Resp	46813
Ion Ratio	100		
Lower	0.0		
Upper	15.8		
43	100		
57	8.3		



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





#19

Cyclohexane

Concen: 1.705 ug/l

RT: 5.00 min Scan# 1370

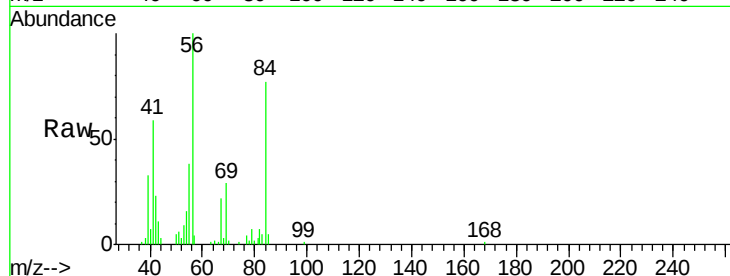
Delta R.T. 0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tot Ion: 56 Resp: 30123

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.0	39.0
84	91.8	68.3	102.5

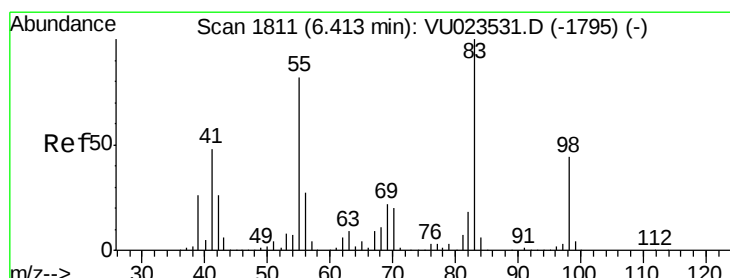
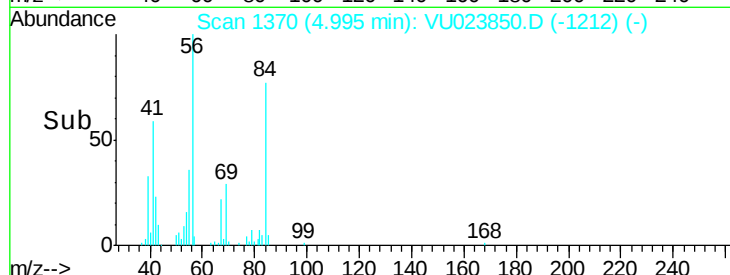
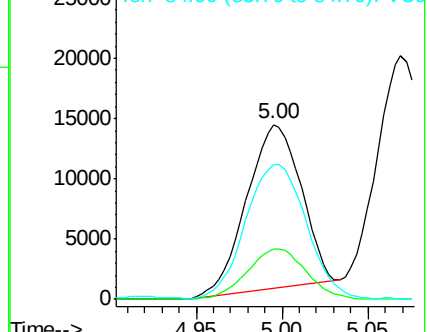


Abundance

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: 1.770 ug/l

RT: 6.42 min Scan# 1812

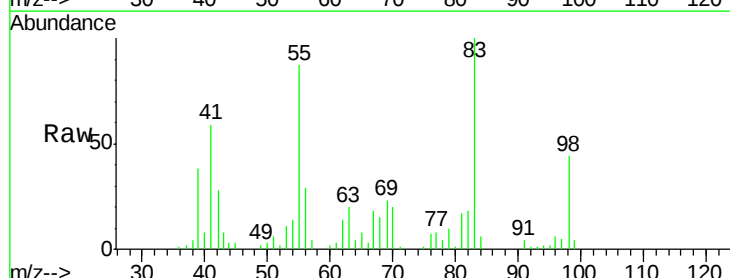
Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tgt Ion: 83 Resp: 31907

Ion	Ratio	Lower	Upper
83	100		
55	86.6	66.4	99.6
98	44.4	35.4	53.2

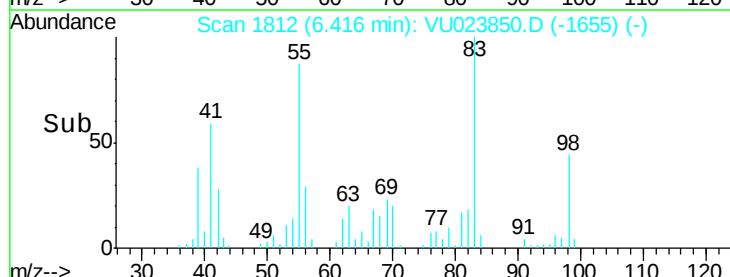
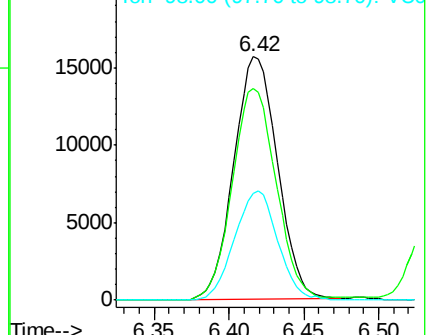


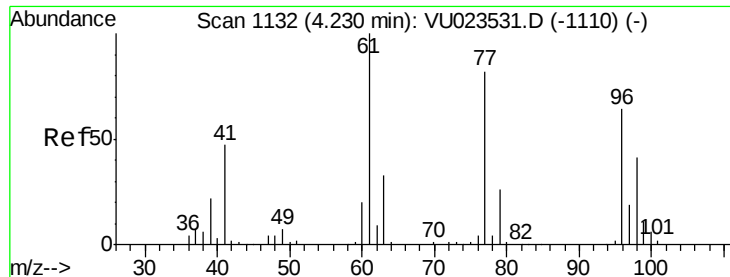
Abundance

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: 2.123 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023850.D

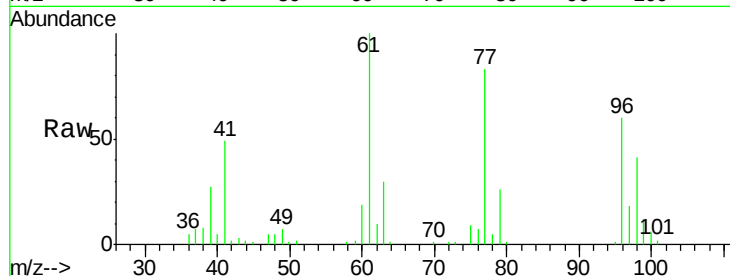
Acq: 14 May 2018 12:58

Tot Ion: 77 Resp: 34414

Ion Ratio Lower Upper

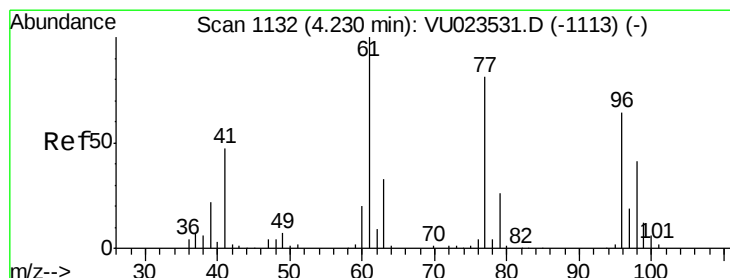
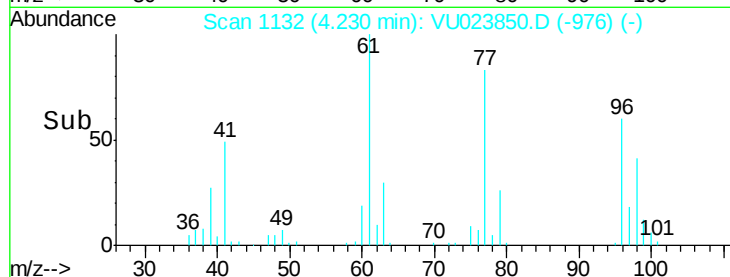
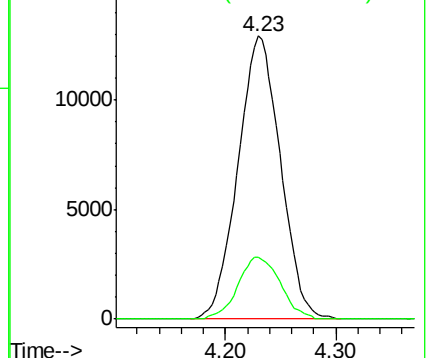
77 100

97 21.8 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 2.132 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

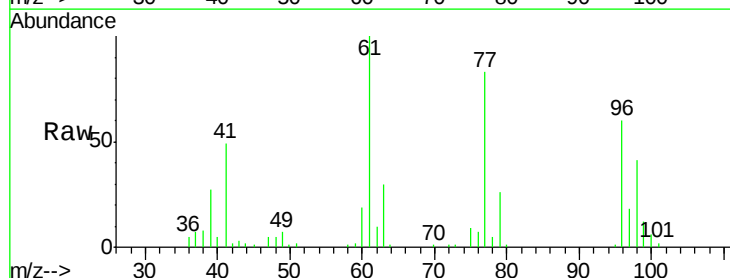
Tgt Ion: 96 Resp: 23946

Ion Ratio Lower Upper

96 100

61 159.1 0.0 400.5

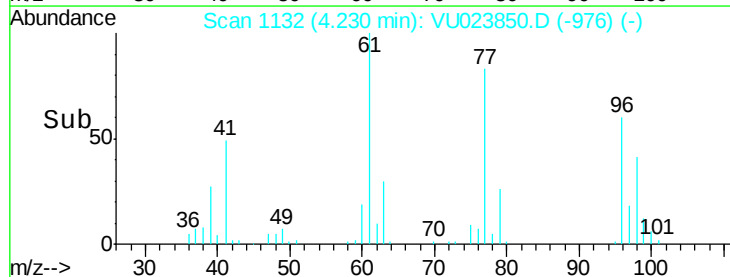
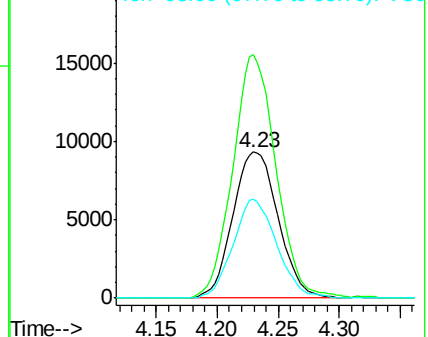
98 65.1 32.2 96.6

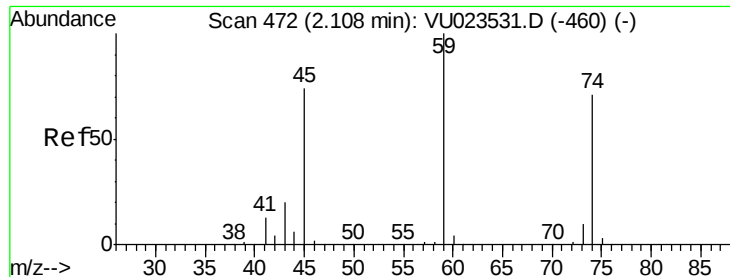


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 2.178 ug/l

RT: 2.10 min Scan# 471

Delta R.T. -0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

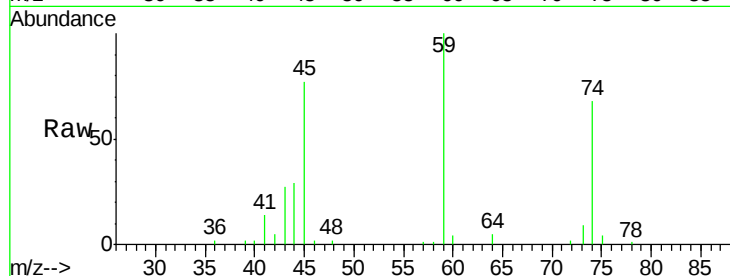
Tot Ion: 59 Resp: 17248

Ion Ratio Lower Upper

59 100

45 78.3 60.0 90.0

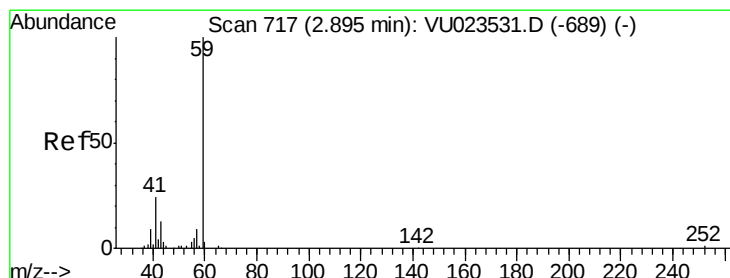
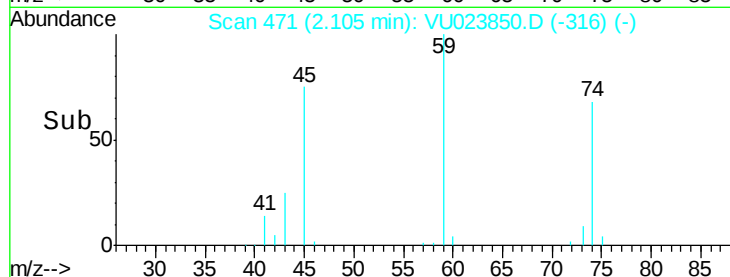
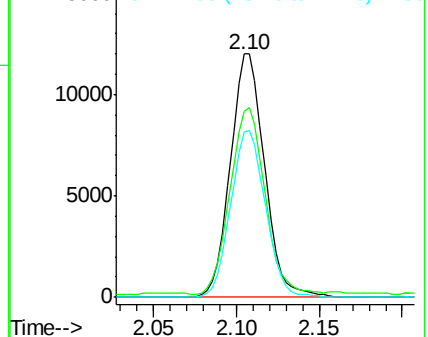
74 69.6 56.5 84.7



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: 28.677 ug/l

RT: 2.83 min Scan# 698

Delta R.T. -0.06 min

Lab File: VU023850.D

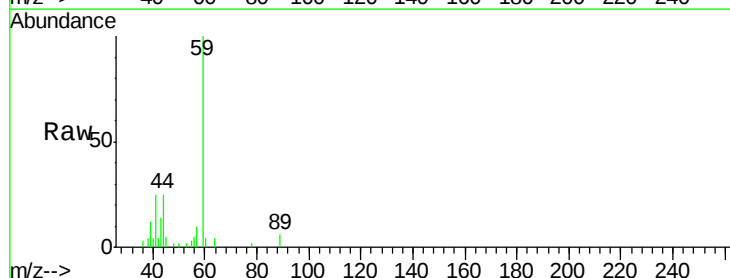
Acq: 14 May 2018 12:58

Tgt Ion: 59 Resp: 17128

Ion Ratio Lower Upper

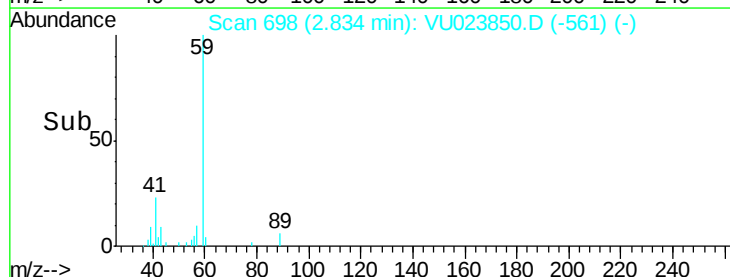
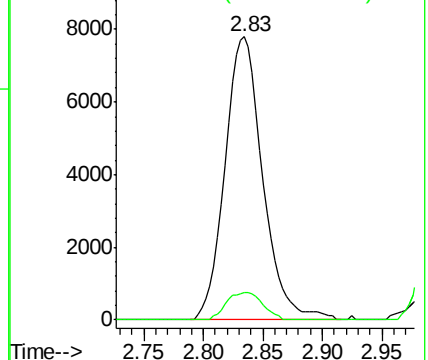
59 100

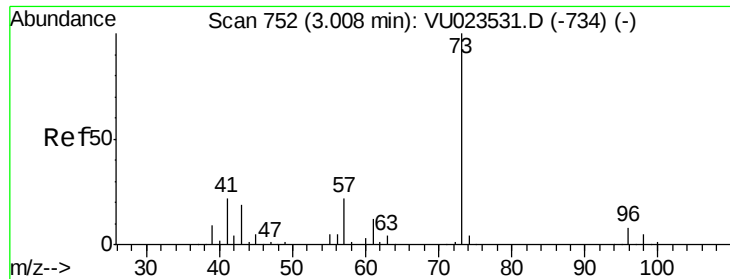
57 9.3 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

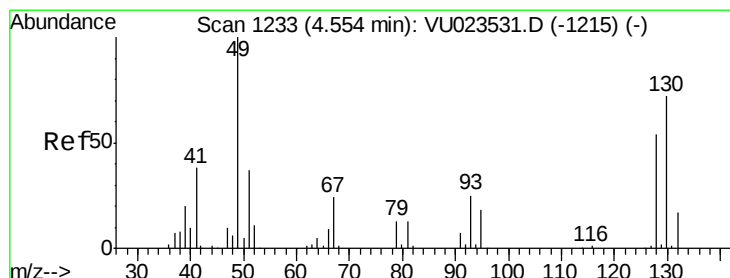
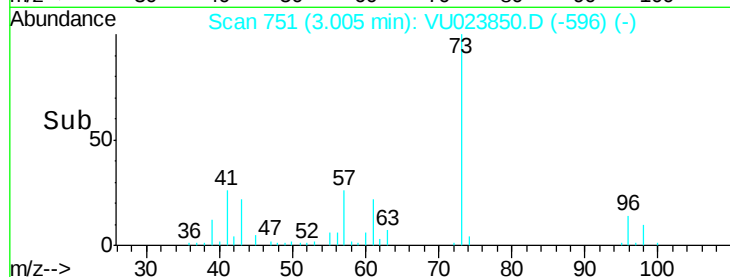
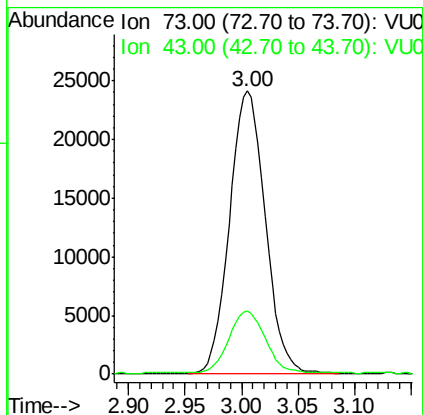
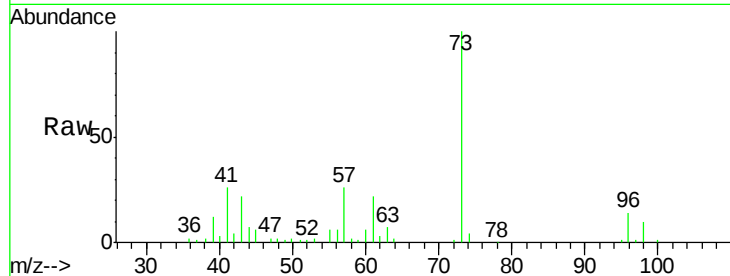




#25

Methyl tert-Butyl Ether
 Concen: 2.188 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

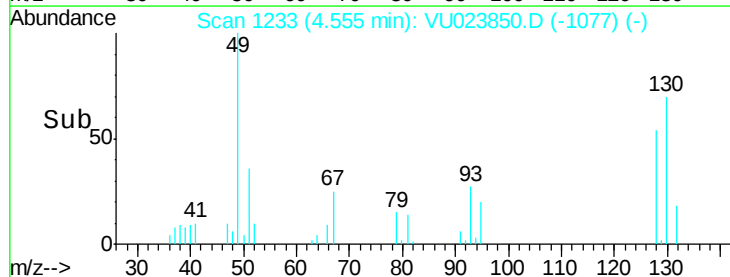
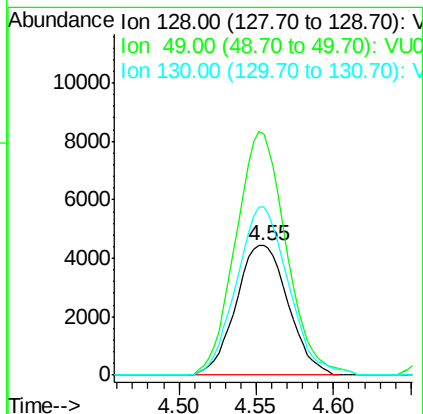
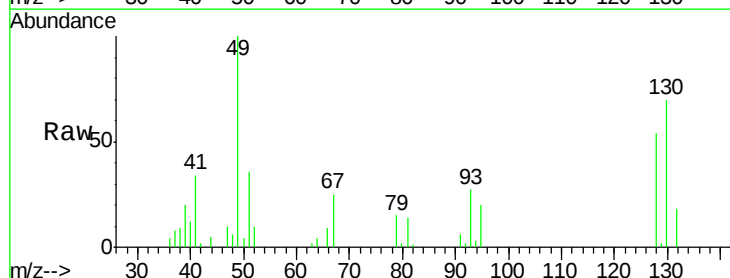
Tot Ion: 73 Resp: 53277
 Ion Ratio Lower Upper
 73 100
 43 22.5 16.2 24.2

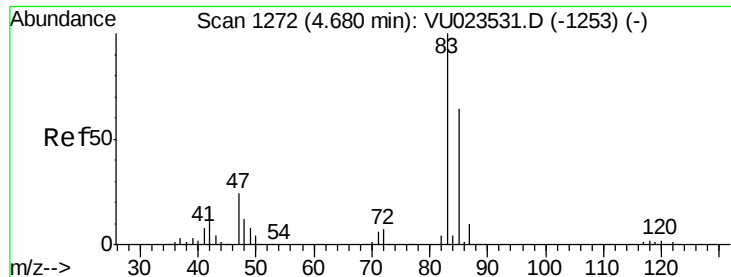


#26

Bromochloromethane
 Concen: 2.345 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion: 128 Resp: 10408
 Ion Ratio Lower Upper
 128 100
 49 181.2 0.0 375.2
 130 129.5 105.8 158.6





#27

Chloroform

Concen: 2.254 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023850.D

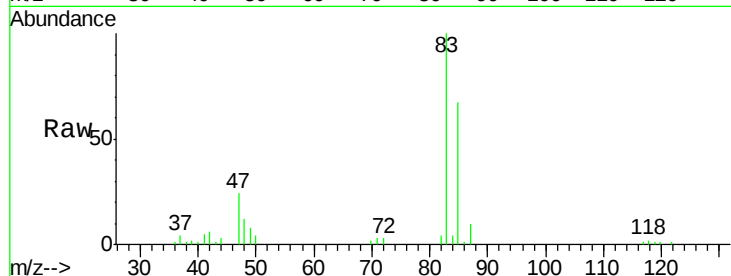
Acq: 14 May 2018 12:58

Tot Ion: 83 Resp: 43400

Ion Ratio Lower Upper

83 100

85 67.4 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.68

20000

15000

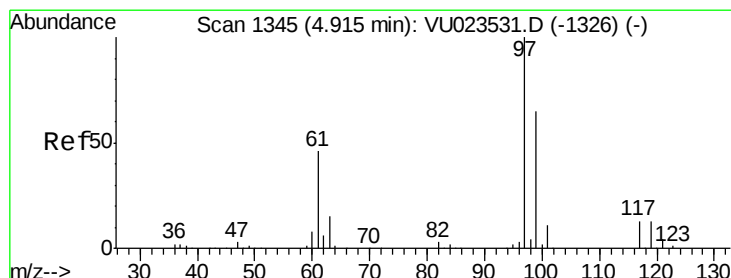
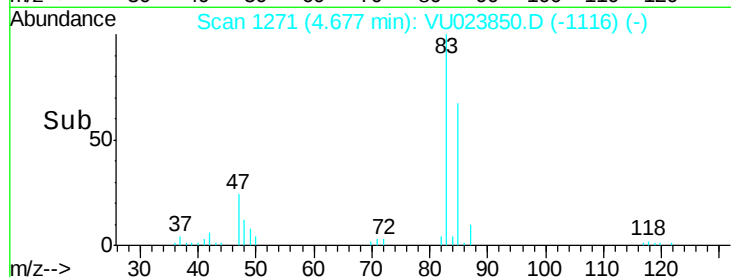
10000

5000

0

4.60 4.65 4.70 4.75

Time-->



#28

1,1,1-Trichloroethane

Concen: 2.238 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

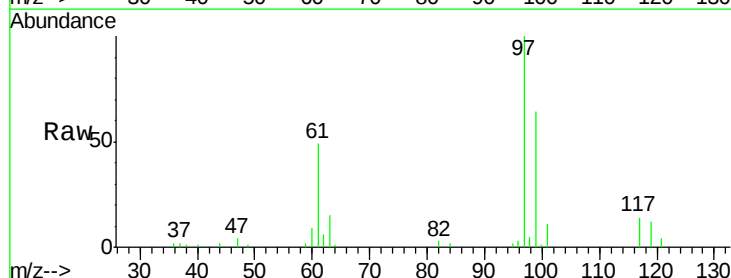
Tgt Ion: 97 Resp: 35352

Ion Ratio Lower Upper

97 100

99 63.9 32.3 96.9

61 48.6 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

4.92

15000

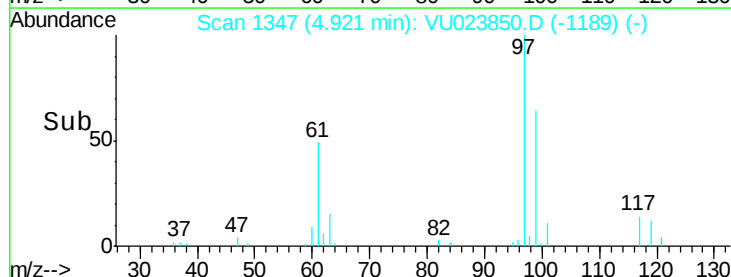
10000

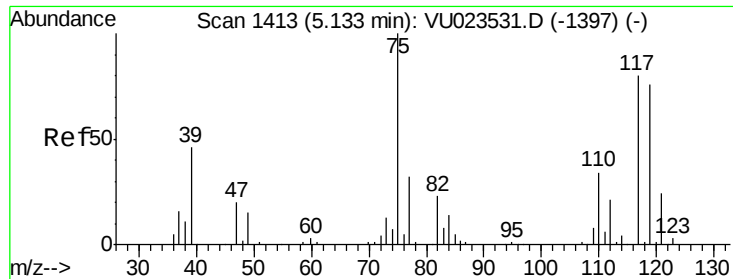
5000

0

4.85 4.90 4.95 5.00

Time-->





#29

1,1-Dichloropropene

Concen: 2.002 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

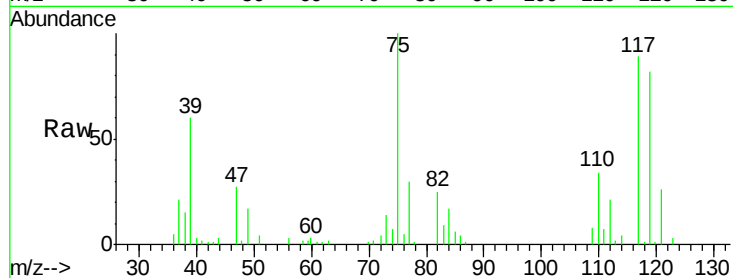
Tot Ion: 75 Resp: 31024

Ion Ratio Lower Upper

75 100

110 34.6 16.9 50.7

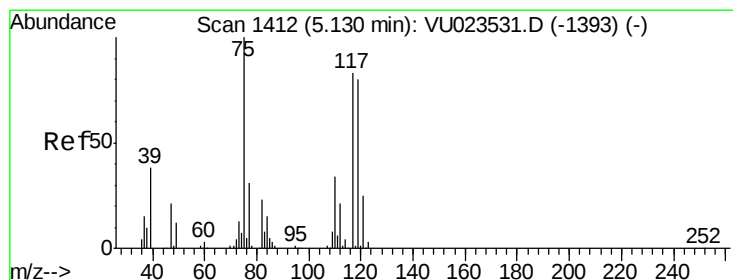
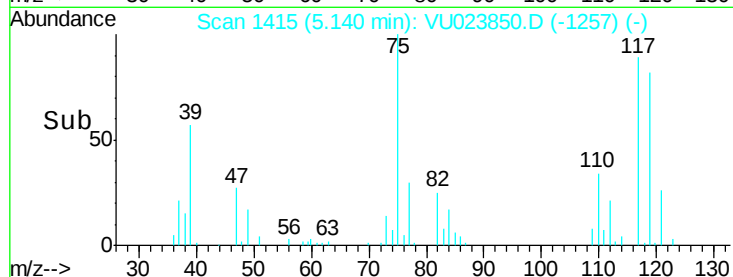
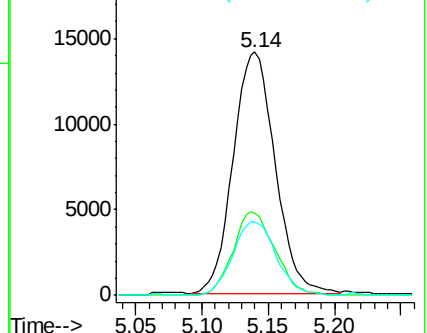
77 31.6 24.8 37.2



Abundance Ion 75.00 (74.70 to 75.70): VU023531.D (-1397) (-)

Ion 110.00 (109.70 to 110.70): VU023531.D (-1397) (-)

Ion 77.00 (76.70 to 77.70): VU023531.D (-1397) (-)



#30

Carbon Tetrachloride

Concen: 2.188 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

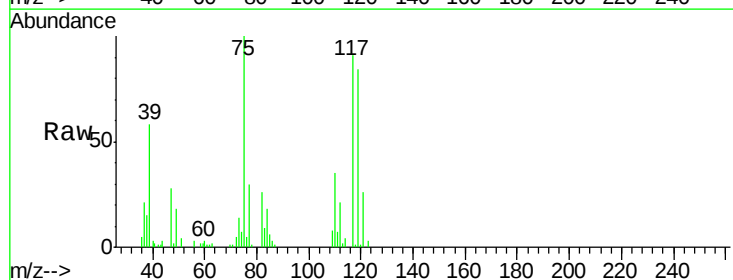
Tgt Ion: 117 Resp: 29078

Ion Ratio Lower Upper

117 100

119 91.5 77.3 115.9

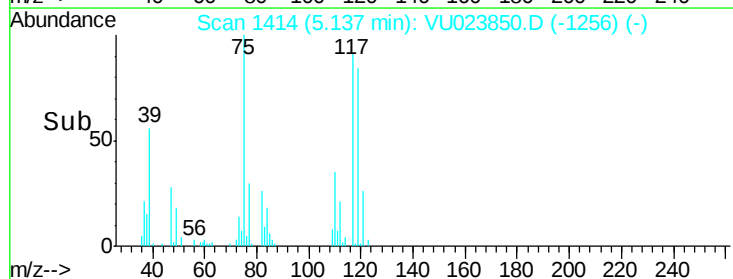
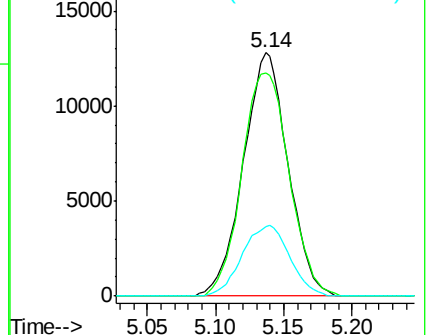
121 28.7 24.5 36.7

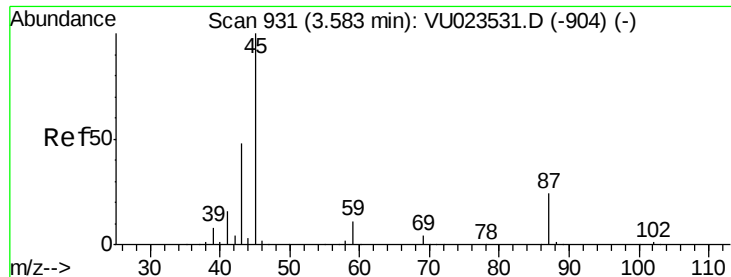


Abundance Ion 117.00 (116.70 to 117.70): VU023531.D (-1393) (-)

Ion 119.00 (118.70 to 119.70): VU023531.D (-1393) (-)

Ion 121.00 (120.70 to 121.70): VU023531.D (-1393) (-)





#31

Isopropyl Ether

Concen: 1.970 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU023850.D

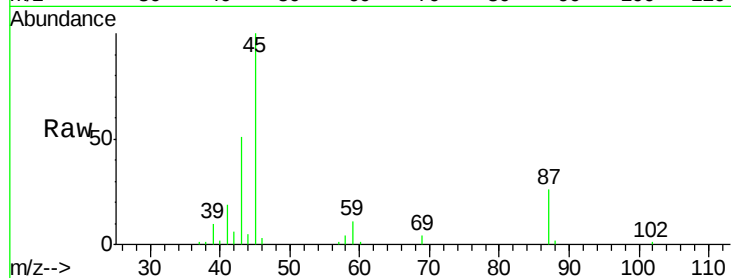
Acq: 14 May 2018 12:58

Tot Ion: 45 Resp: 67985

Ion Ratio Lower Upper

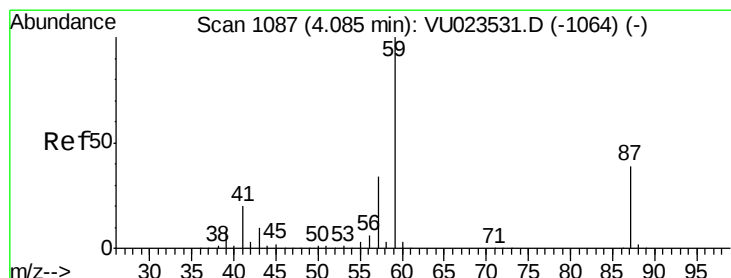
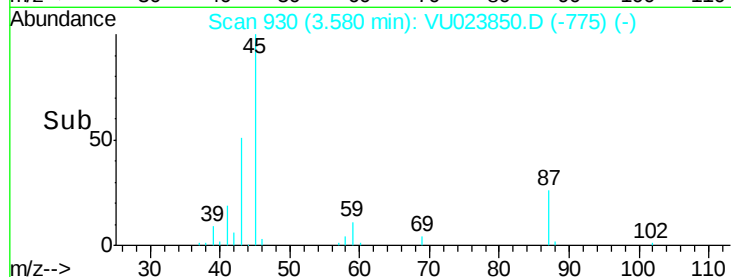
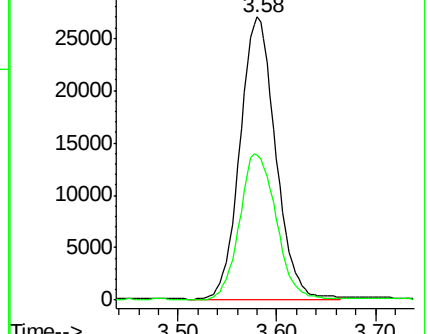
45 100

43 53.0 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.792 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VU023850.D

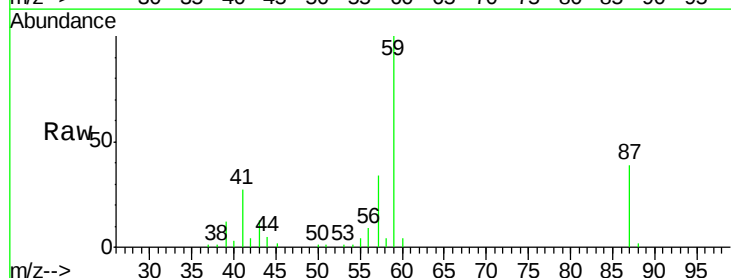
Acq: 14 May 2018 12:58

Tgt Ion: 59 Resp: 52844

Ion Ratio Lower Upper

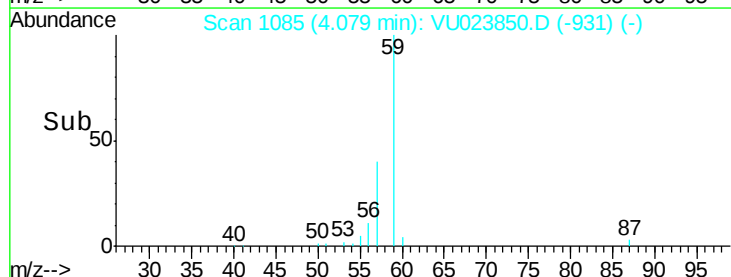
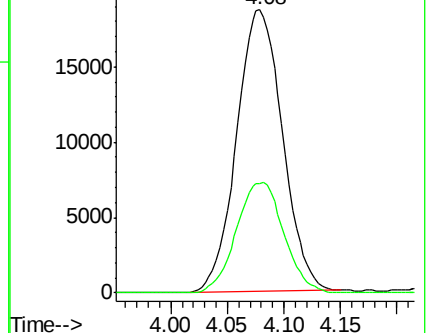
59 100

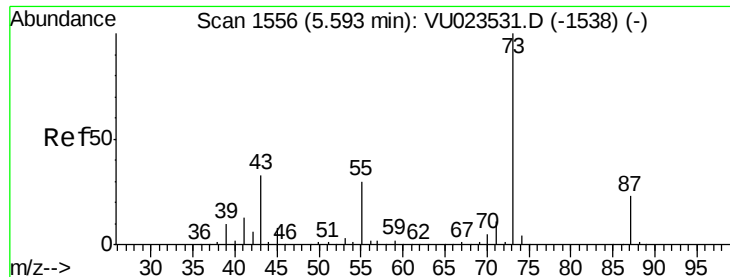
87 40.5 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

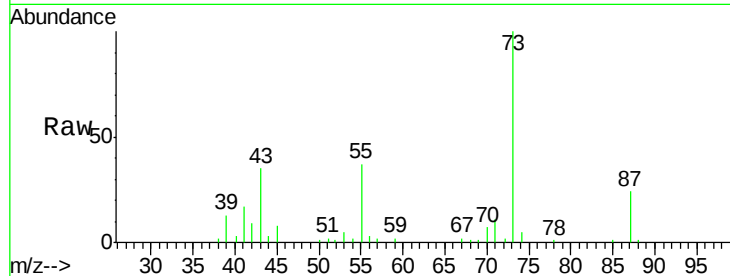




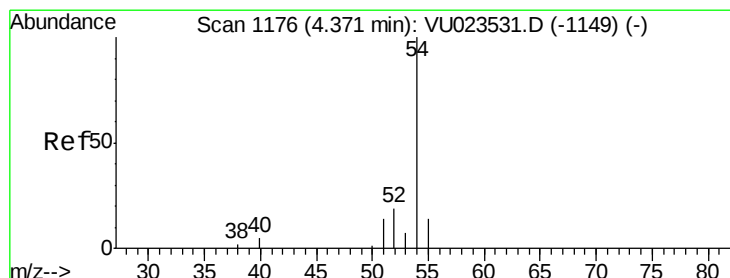
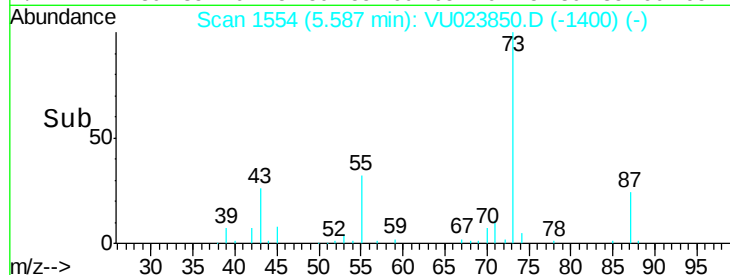
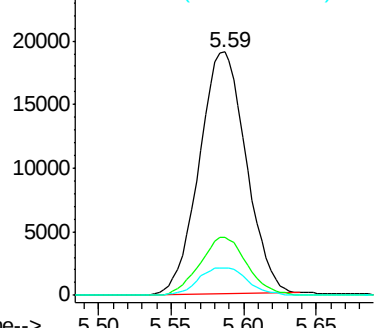
#33

Tert-Butyl methyl ether
 Concen: 1.714 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion:	73	Resp:	42792
Ion	Ratio	Lower	Upper
73	100		
87	24.1	18.6	28.0
71	11.9	9.3	13.9



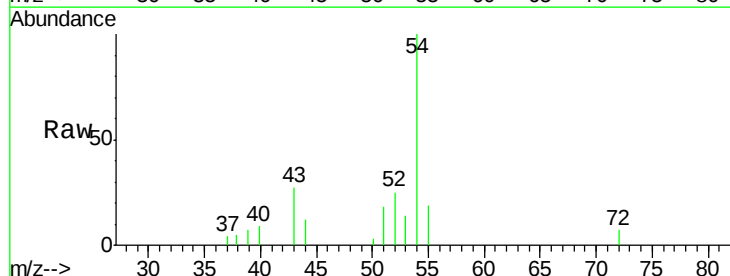
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



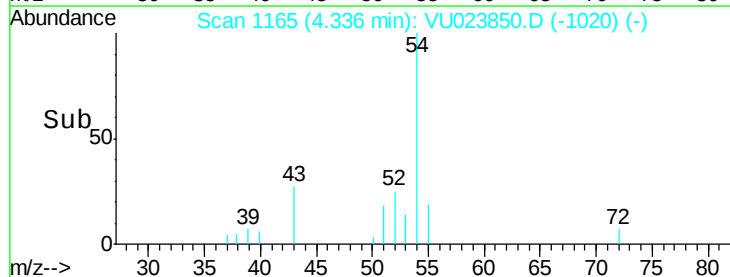
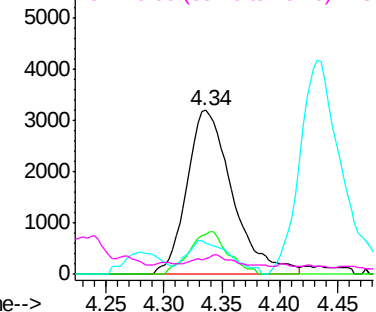
#34

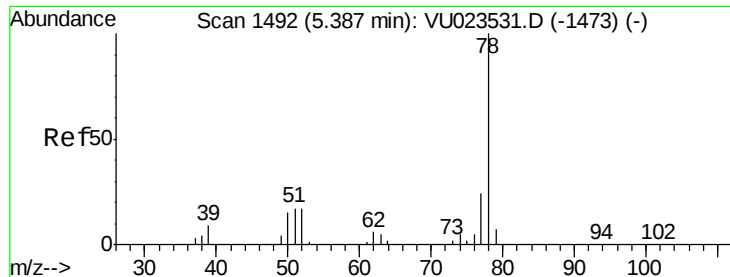
Propionitrile
 Concen: 11.188 ug/l
 RT: 4.34 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion:	54	Resp:	8735
Ion	Ratio	Lower	Upper
54	100		
52	21.6	13.7	20.5#
55	19.2	10.2	15.2#
40	3.8	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: 2.027 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VU023850.D

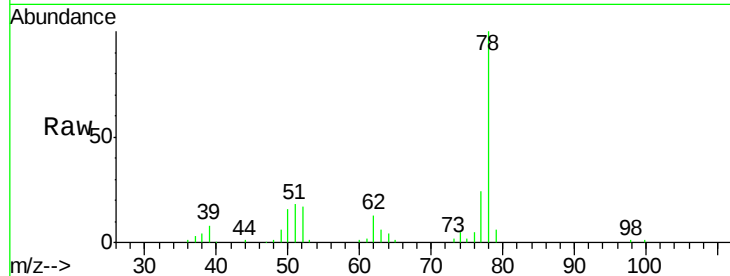
Acq: 14 May 2018 12:58

Tot Ion: 78 Resp: 93362

Ion Ratio Lower Upper

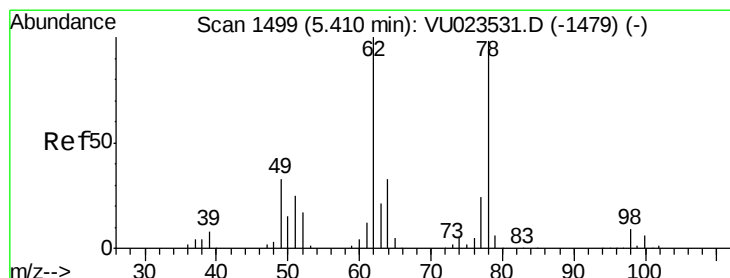
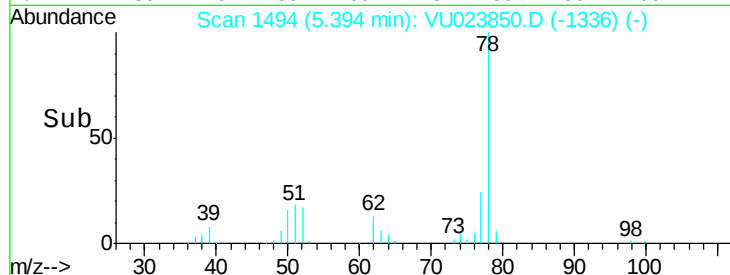
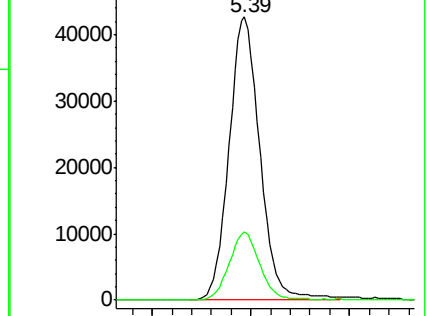
78 100

77 24.0 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.080 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU023850.D

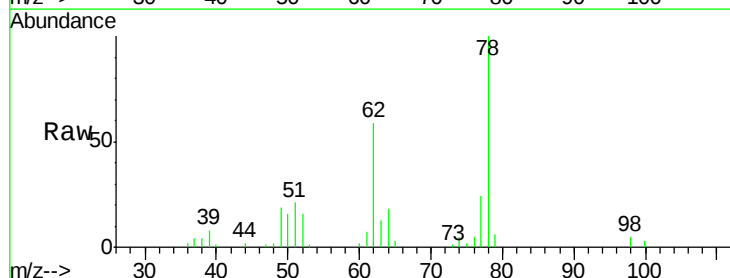
Acq: 14 May 2018 12:58

Tgt Ion: 62 Resp: 27103

Ion Ratio Lower Upper

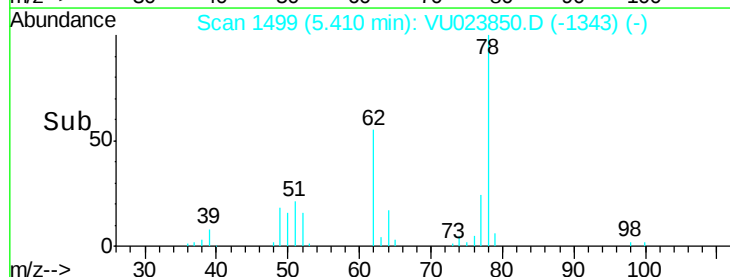
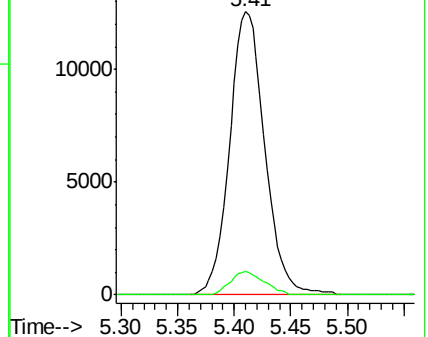
62 100

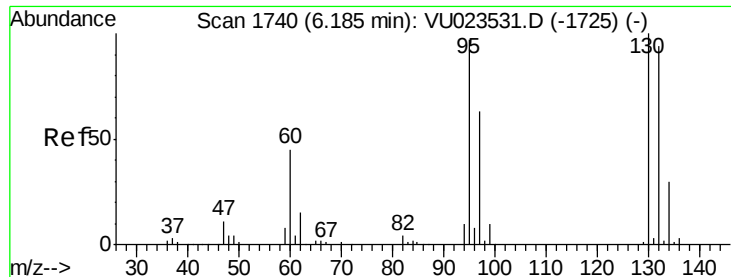
98 8.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

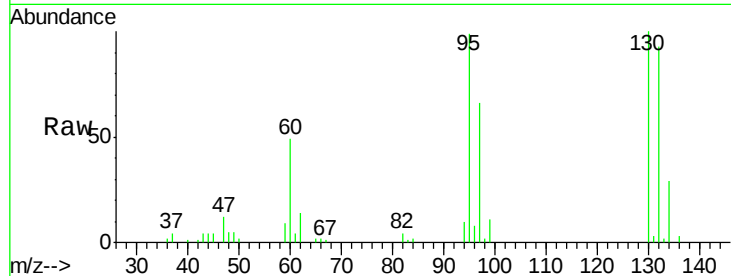
Ion 98.00 (97.70 to 98.70): VU0



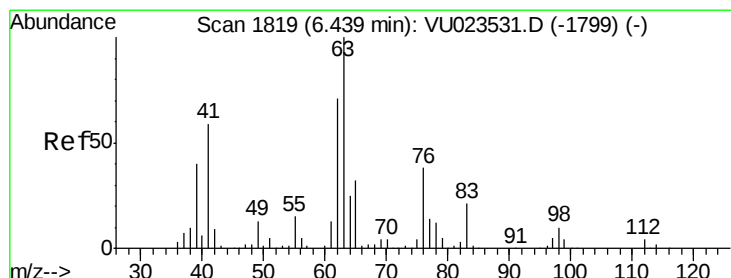
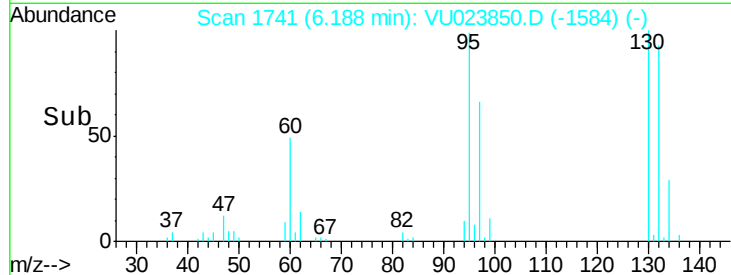
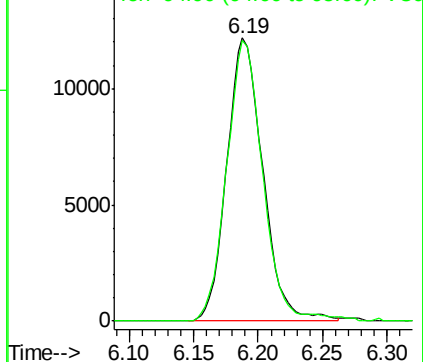


#37
 Trichloroethene
 Concen: 1.914 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion:130 Resp: 23665
 Ion Ratio Lower Upper
 130 100
 95 99.3 77.9 116.9

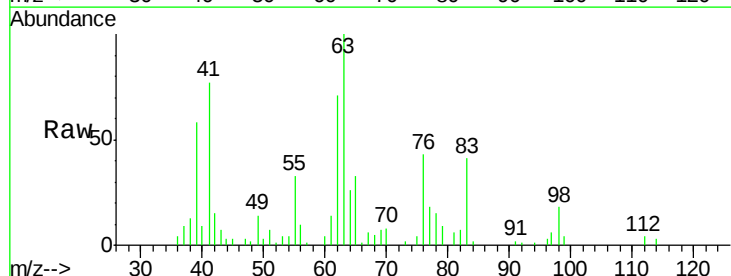


Abundance Ion 129.90 (129.60 to 130.60): VU023850.D (-1584) (-)
 Ion 94.90 (94.60 to 95.60): VU023850.D (-1584) (-)

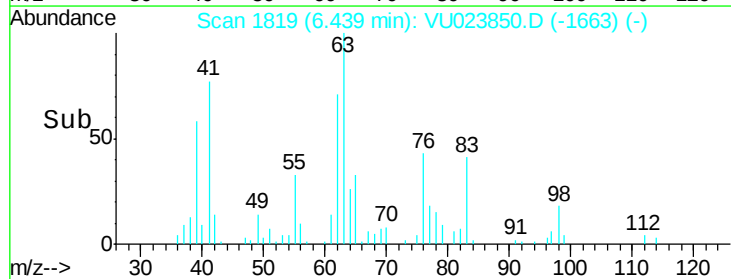
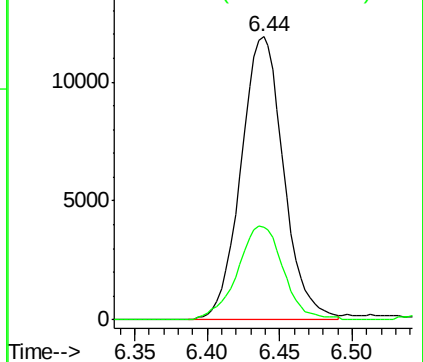


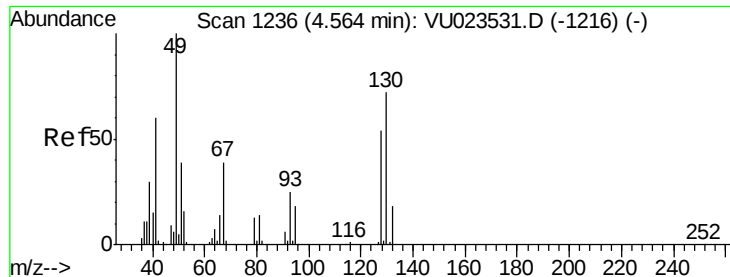
#38
 1,2-Dichloropropane
 Concen: 1.931 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion: 63 Resp: 24393
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU023850.D (-1663) (-)
 Ion 65.00 (64.70 to 65.70): VU023850.D (-1663) (-)





#39

Methacrylonitrile

Concen: 1.856 ug/l

RT: 4.55 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tot Ion: 41 Resp: 7409

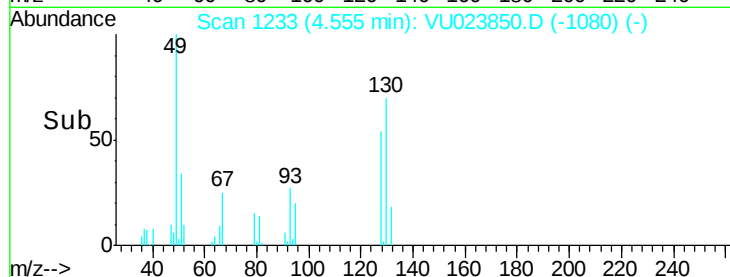
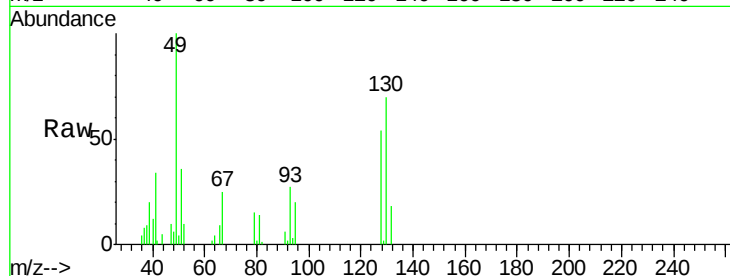
Ion Ratio Lower Upper

41 100

67 62.2 51.3 76.9

39 56.3 40.6 60.8

52 26.9 21.5 32.3

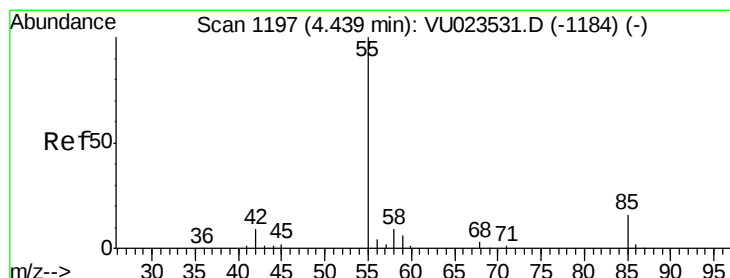
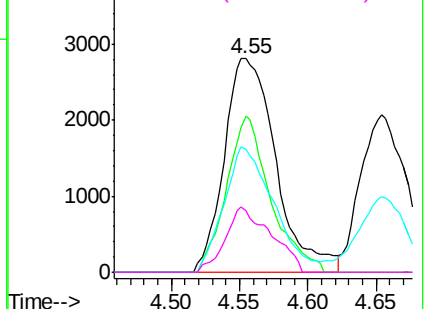


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 1.896 ug/l

RT: 4.43 min Scan# 1195

Delta R.T. -0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tgt Ion: 55 Resp: 10499

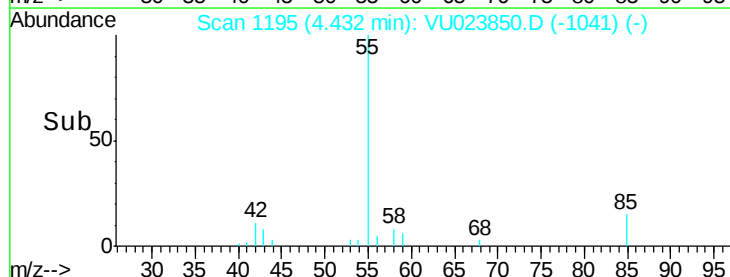
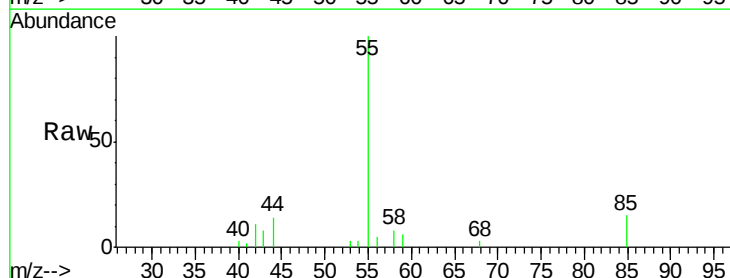
Ion Ratio Lower Upper

55 100

85 14.6 12.3 18.5

58 8.0 7.0 10.6

42 9.8 7.0 10.4

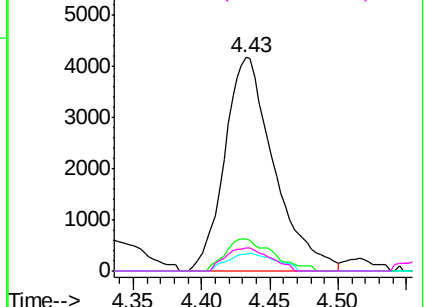


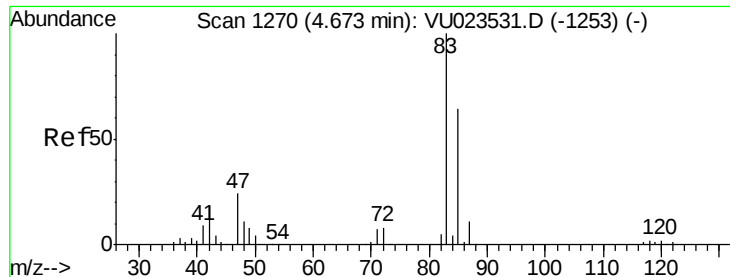
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 3.723 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. -0.02 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

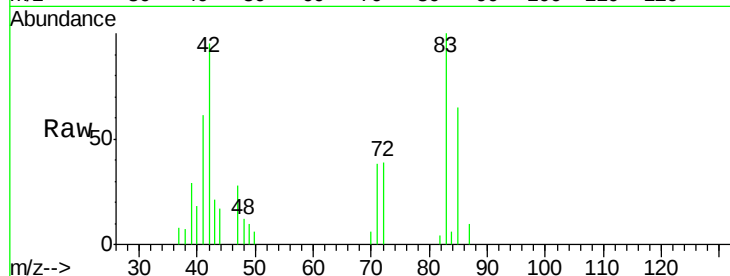
Tot Ion: 42 Resp: 7659

Ion Ratio Lower Upper

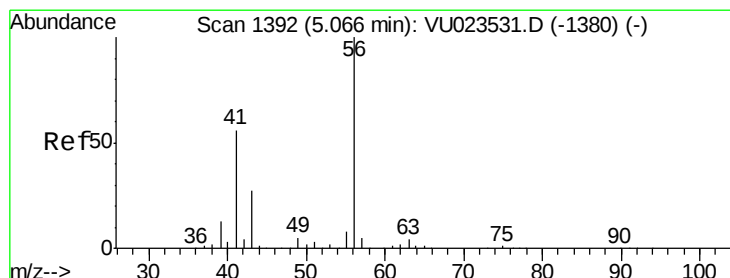
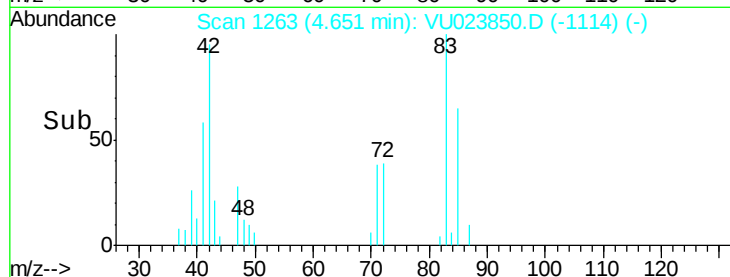
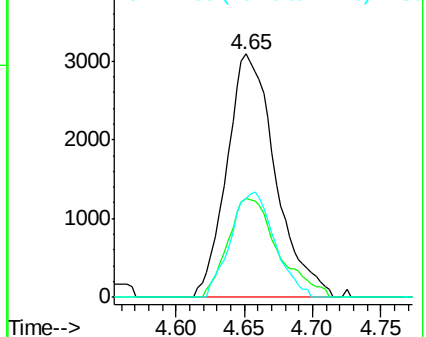
42 100

72 41.8 33.2 49.8

71 39.1 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.951 ug/l

RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU023850.D

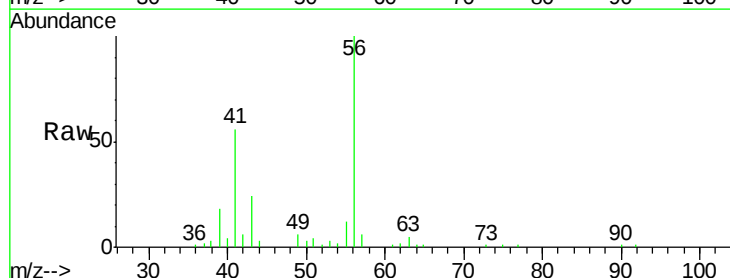
Acq: 14 May 2018 12:58

Tgt Ion: 56 Resp: 43817

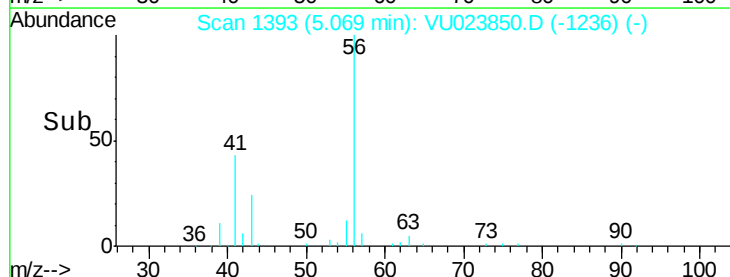
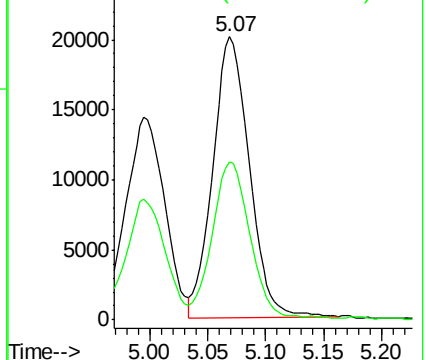
Ion Ratio Lower Upper

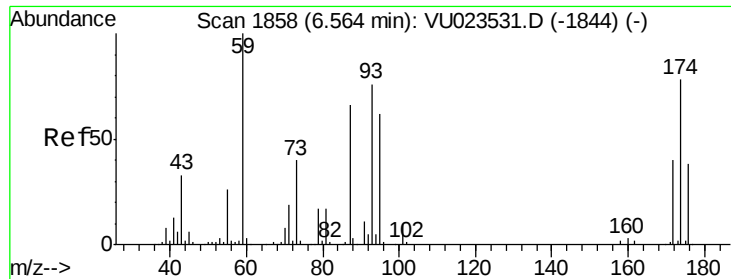
56 100

41 56.1 27.5 82.5



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





#43

Dibromomethane

Concen: 2.077 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

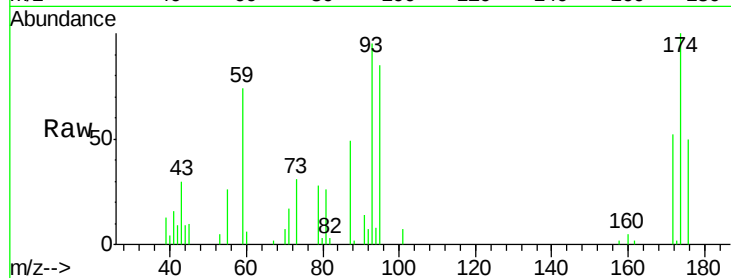
Tot Ion: 93 Resp: 11286

Ion Ratio Lower Upper

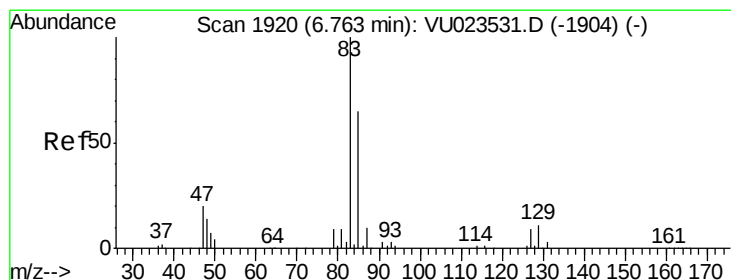
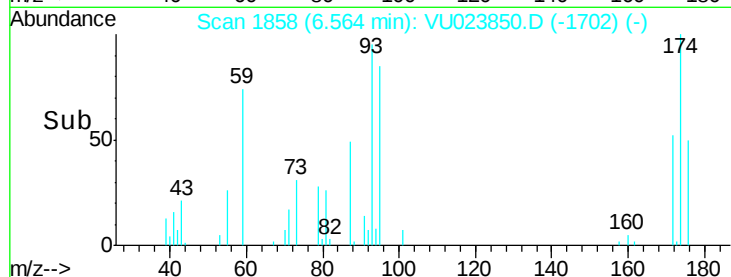
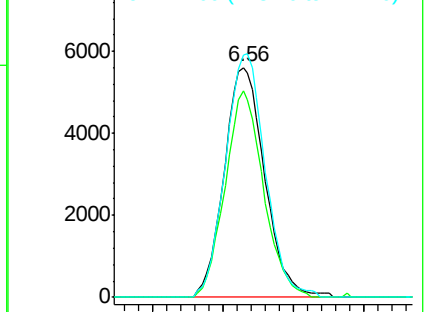
93 100

95 84.8 67.2 100.8

174 103.7 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: 2.133 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

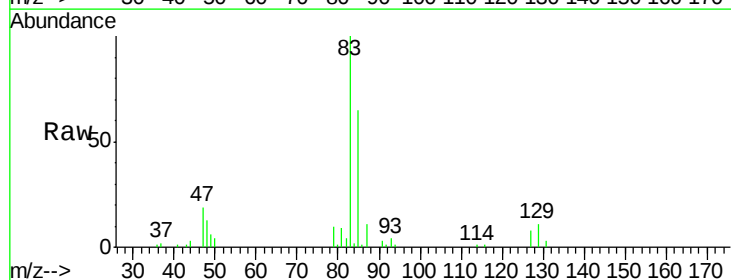
Tgt Ion: 83 Resp: 29120

Ion Ratio Lower Upper

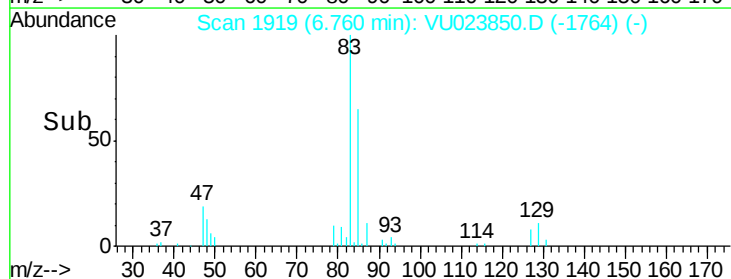
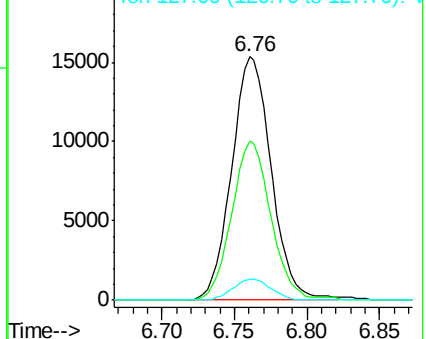
83 100

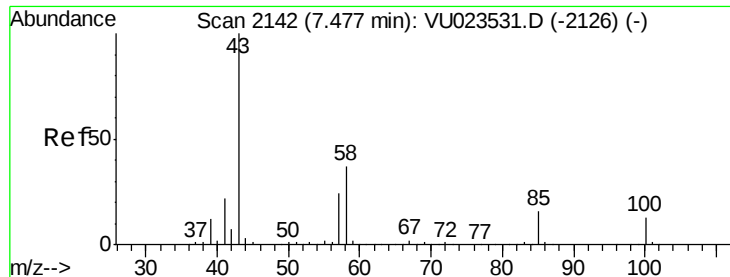
85 65.3 52.2 78.4

127 8.5 7.0 10.4



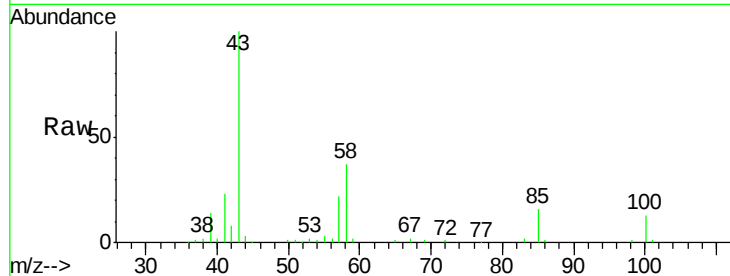
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V



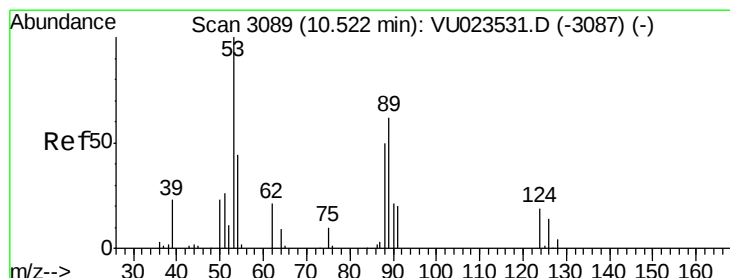
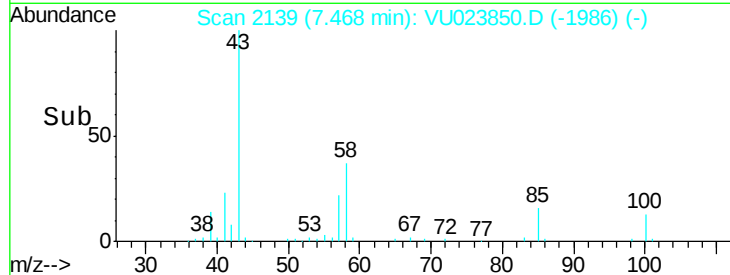
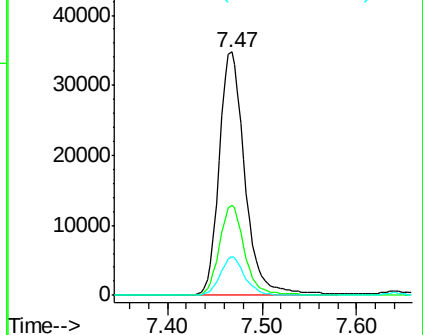


#45
4-Methyl-2-Pentanone
Concen: 10.275 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. -0.01 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tot Ion	43	Resp	65990
Ion Ratio	Lower	Upper	
43	100		
58	35.9	18.8	56.4
85	15.2	12.6	19.0

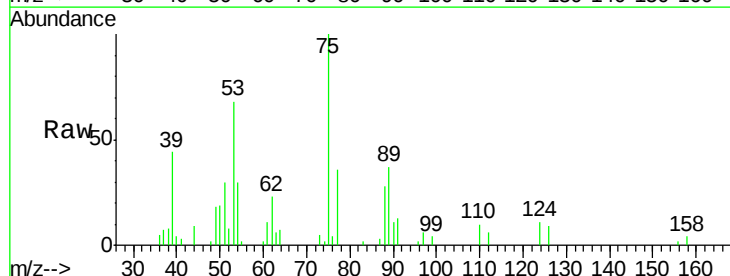


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

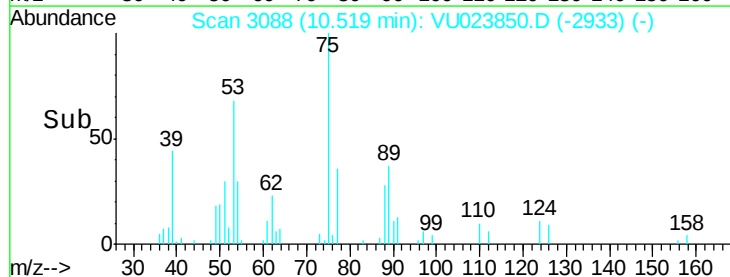
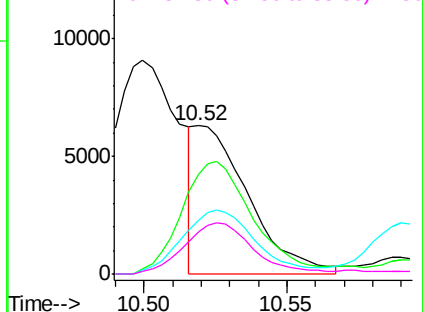


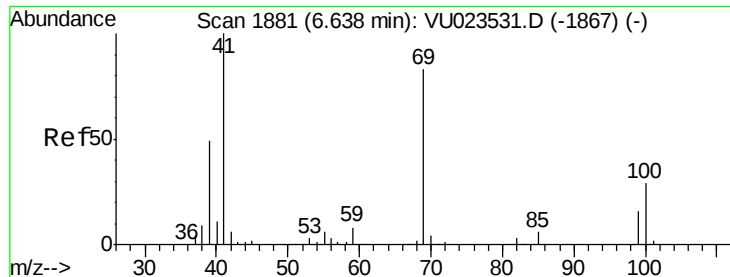
#46
t-1,4-Dichloro-2-butene
Concen: 4.302 ug/l m
RT: 10.52 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tgt Ion	75	Resp	8168
Ion Ratio	Lower	Upper	
75	100		
53	103.7	82.2	123.4
89	59.2	51.3	76.9
88	44.7	37.4	56.2



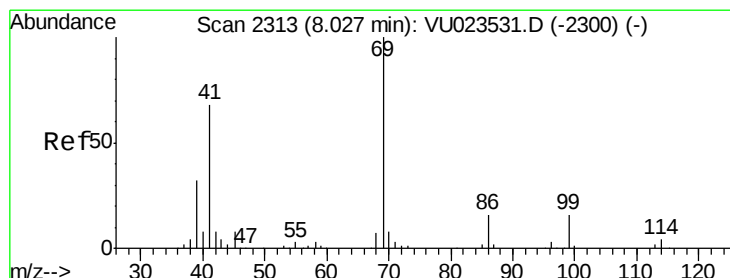
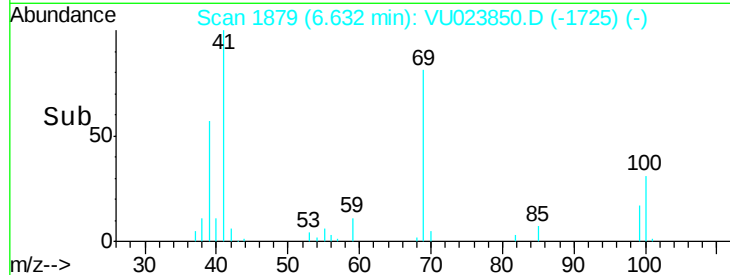
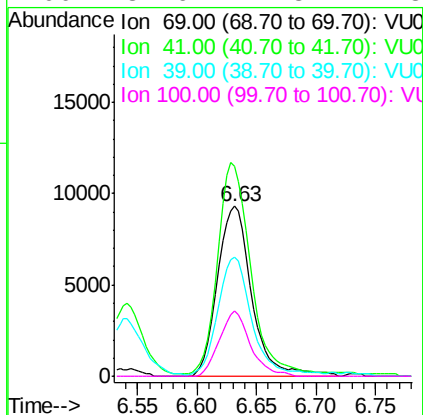
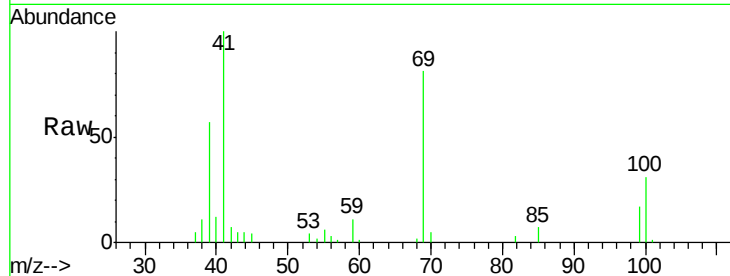
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





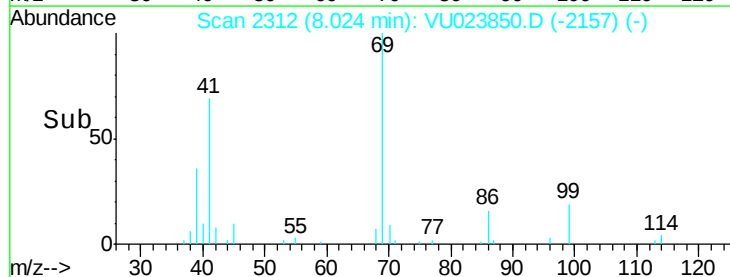
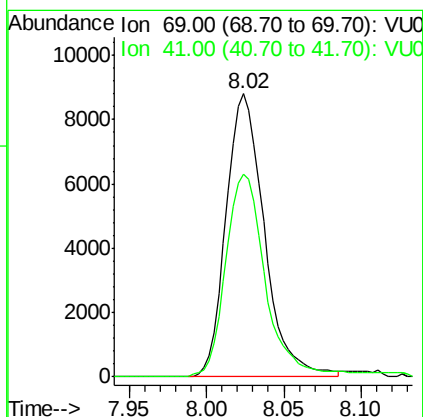
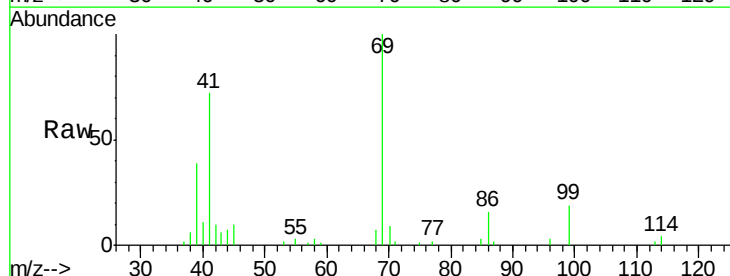
#47
Methyl methacrylate
Concen: 3.776 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. -0.01 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

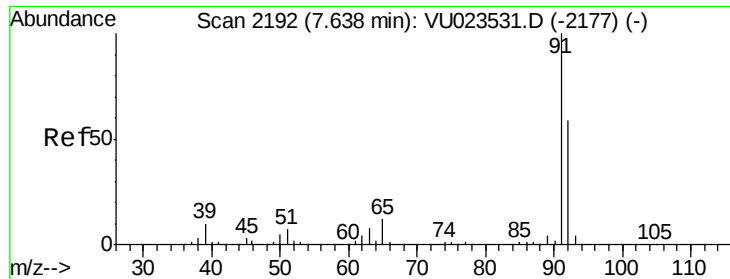
Tot Ion: 69 Resp: 18589
Ion Ratio Lower Upper
69 100
41 118.2 0.0 245.4
39 66.6 49.0 73.4
100 34.6 27.8 41.8



#48
Ethyl methacrylate
Concen: 1.758 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tgt Ion: 69 Resp: 15129
Ion Ratio Lower Upper
69 100
41 74.6 34.2 102.5





#49

Toluene

Concen: 1.944 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023850.D

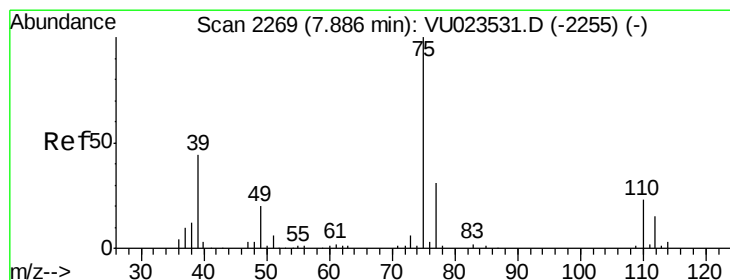
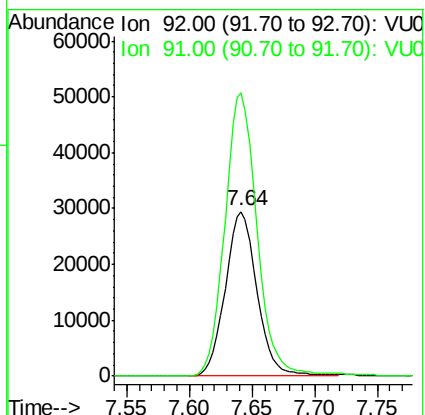
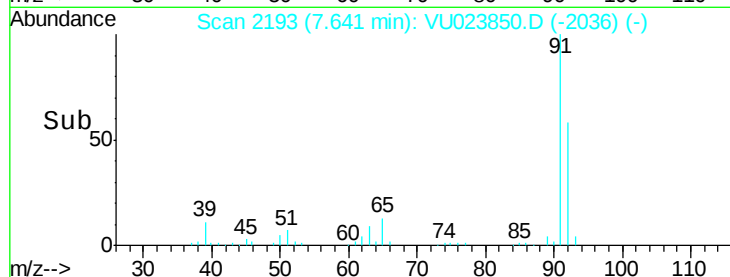
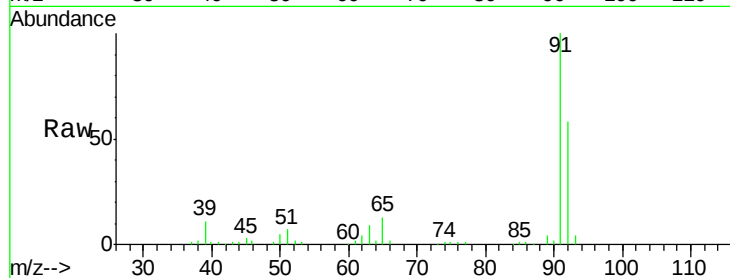
Acq: 14 May 2018 12:58

Tot Ion: 92 Resp: 51732

Ion Ratio Lower Upper

92 100

91 175.9 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 1.954 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023850.D

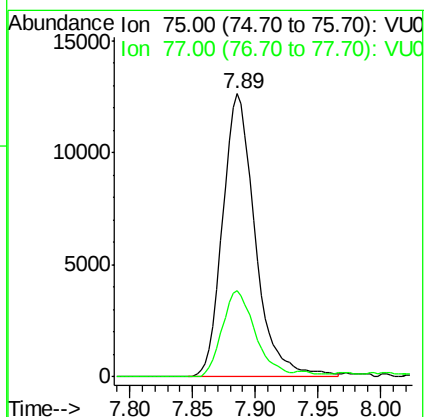
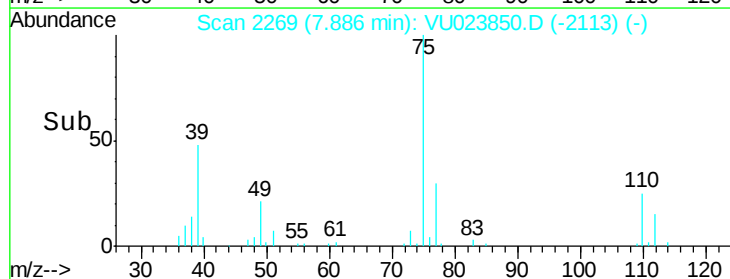
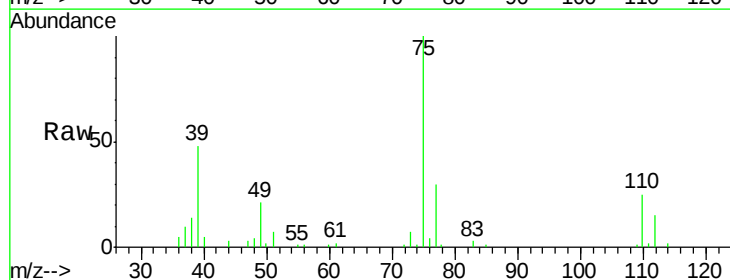
Acq: 14 May 2018 12:58

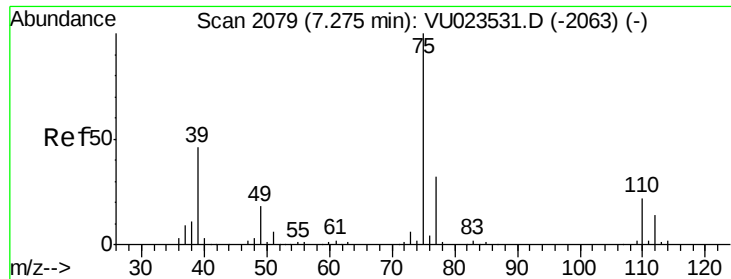
Tgt Ion: 75 Resp: 22770

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8





#51

cis-1,3-Dichloropropene

Concen: 1.891 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

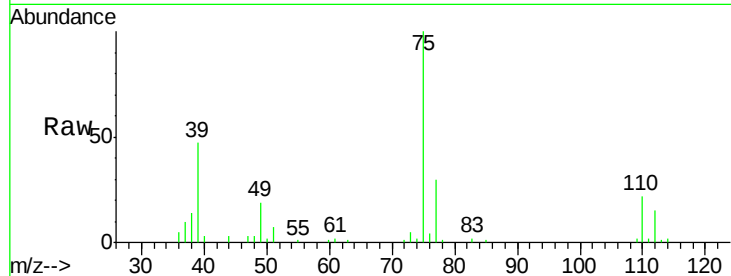
Tot Ion: 75 Resp: 28687

Ion Ratio Lower Upper

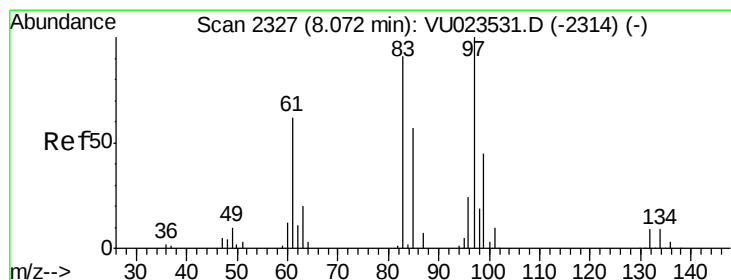
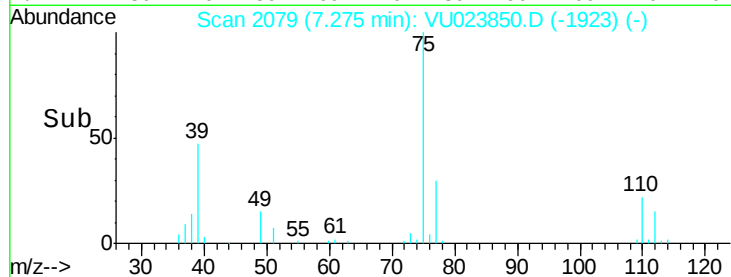
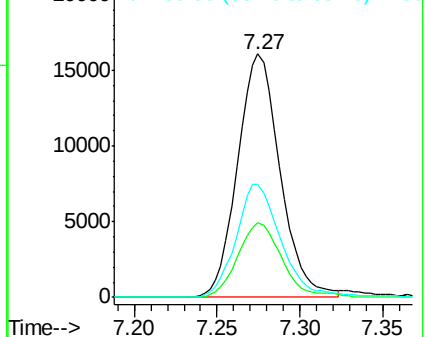
75 100

77 30.5 25.2 37.8

39 46.5 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: 2.050 ug/l

RT: 8.07 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tgt Ion: 97 Resp: 15852

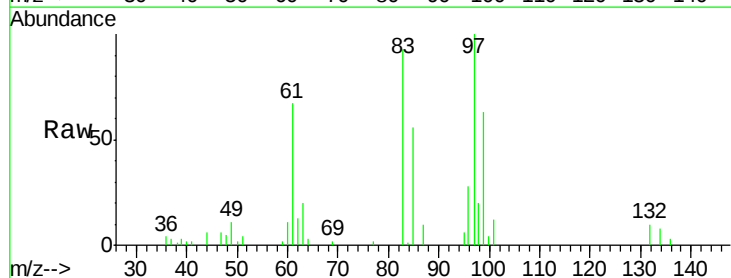
Ion Ratio Lower Upper

97 100

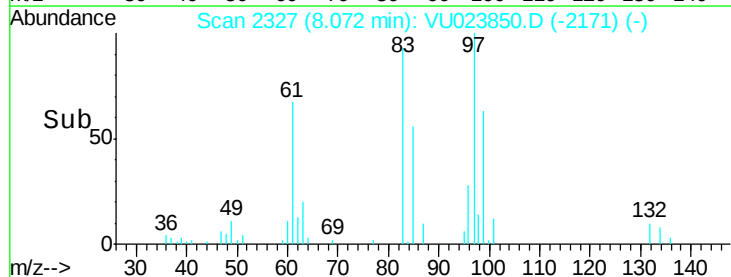
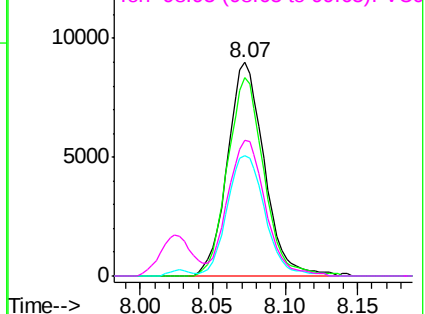
83 93.1 72.6 109.0

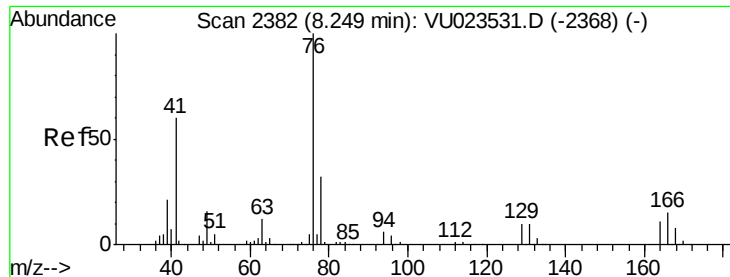
85 56.5 47.2 70.8

99 63.5 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: 2.041 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU023850.D

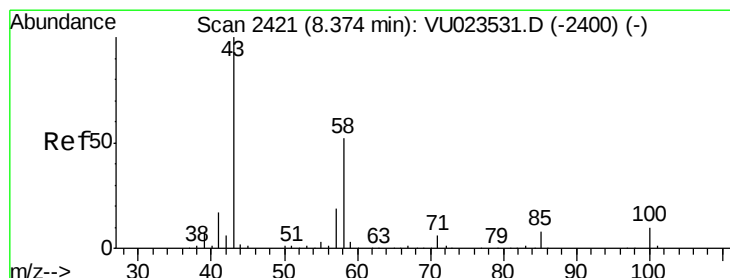
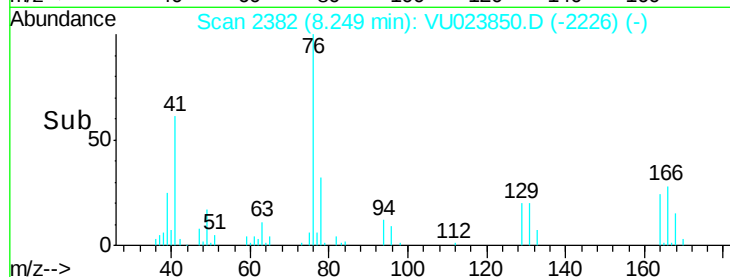
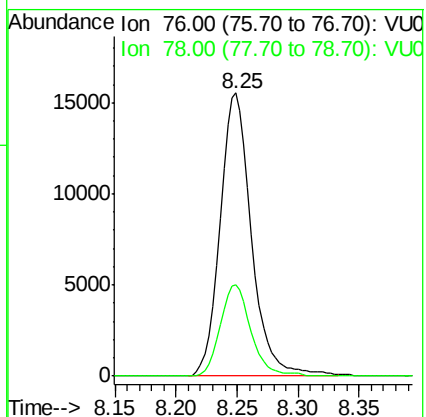
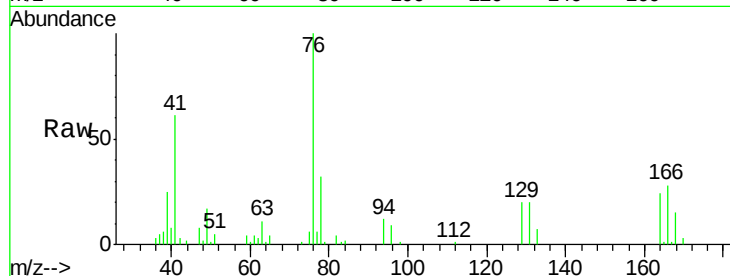
Acq: 14 May 2018 12:58

Tot Ion: 76 Resp: 28058

Ion Ratio Lower Upper

76 100

78 31.5 25.7 38.5



#54

2-Hexanone

Concen: 13.539 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. -0.01 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

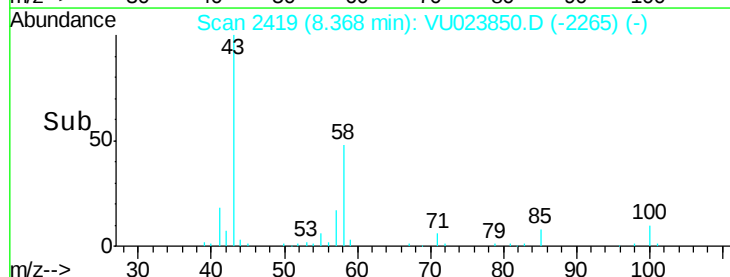
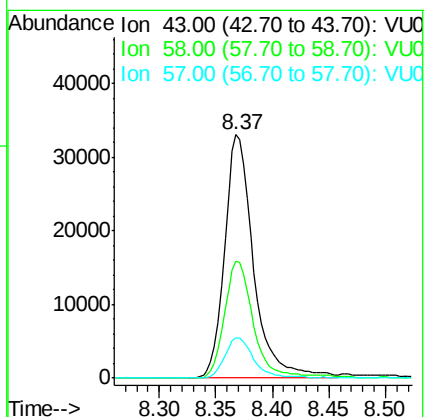
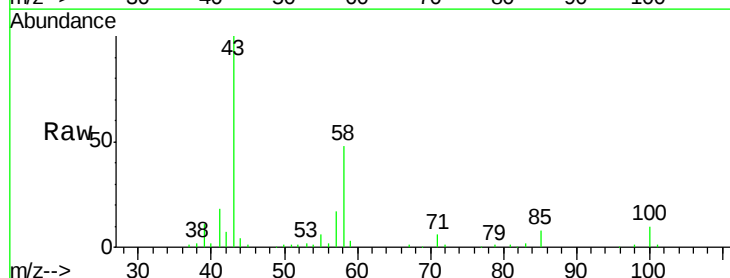
Tgt Ion: 43 Resp: 59229

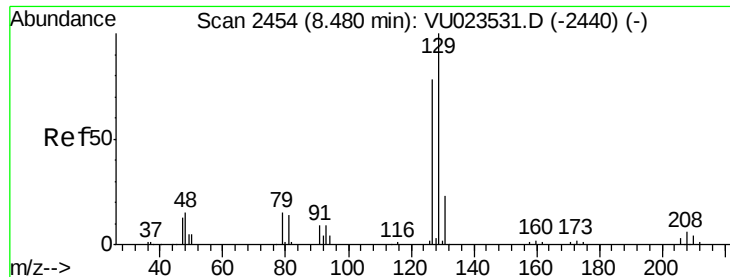
Ion Ratio Lower Upper

43 100

58 47.3 32.5 72.5

57 16.5 0.0 37.9





#55

Dibromochloromethane

Concen: 2.066 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU023850.D

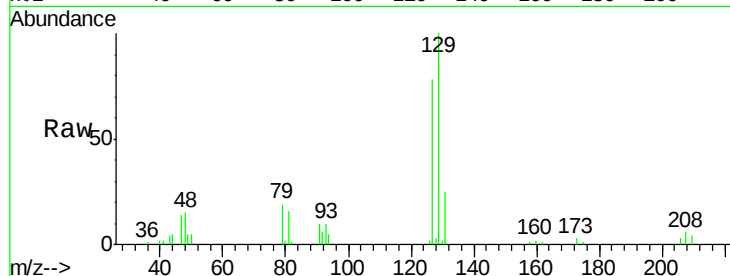
Acq: 14 May 2018 12:58

Tot Ion:129 Resp: 17503

Ion Ratio Lower Upper

129 100

127 77.9 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

10000

8000

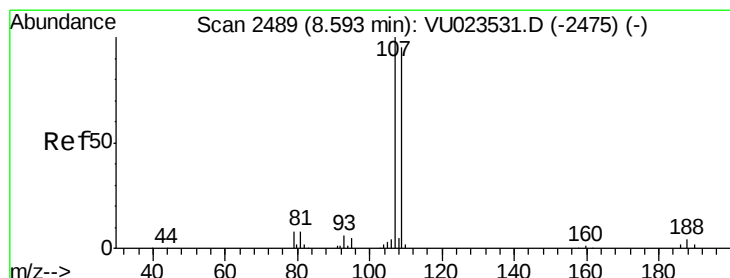
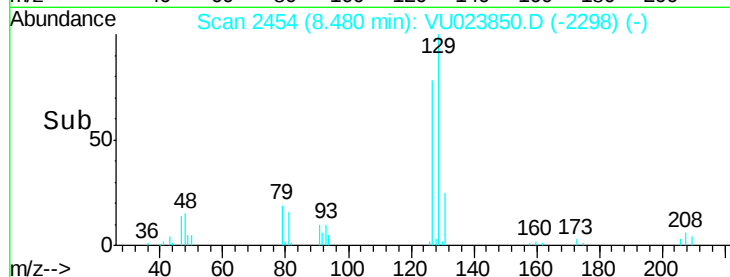
6000

4000

2000

0

Time--> 8.40 8.45 8.50 8.55



#56

1,2-Dibromoethane

Concen: 2.132 ug/l

RT: 8.59 min Scan# 2489

Delta R.T. 0.00 min

Lab File: VU023850.D

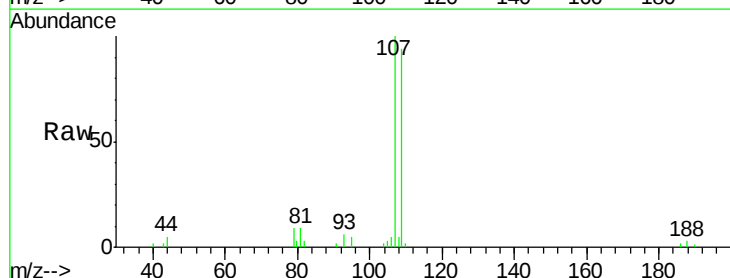
Acq: 14 May 2018 12:58

Tgt Ion:107 Resp: 14201

Ion Ratio Lower Upper

107 100

109 96.2 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

8000

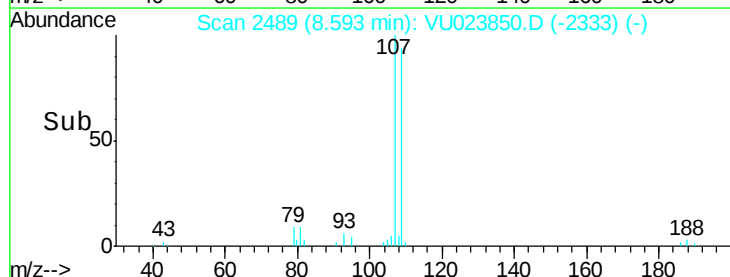
6000

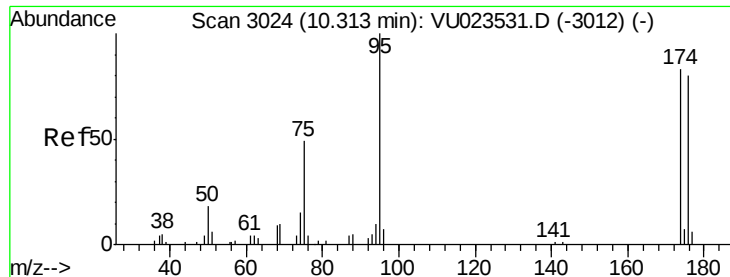
4000

2000

0

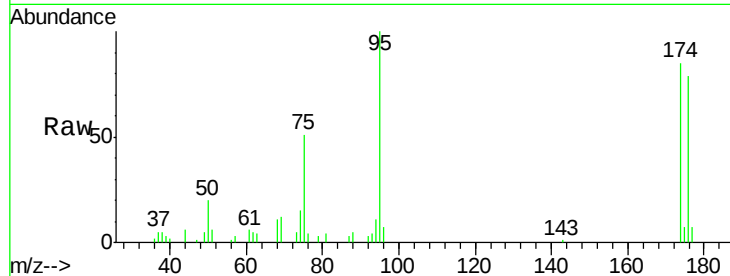
Time--> 8.50 8.55 8.60 8.65 8.70



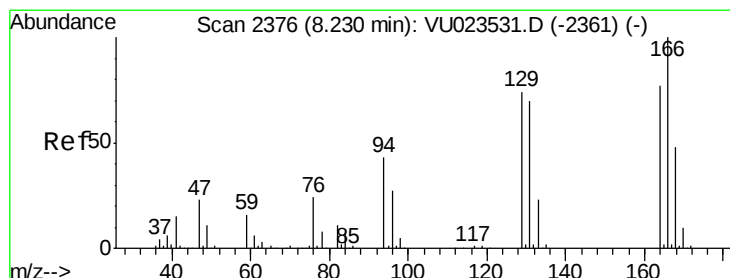
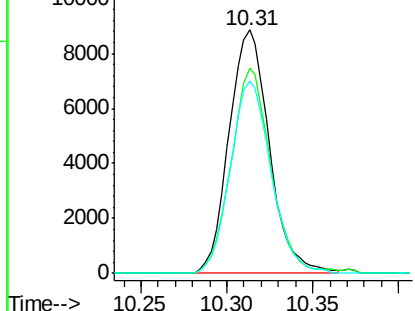
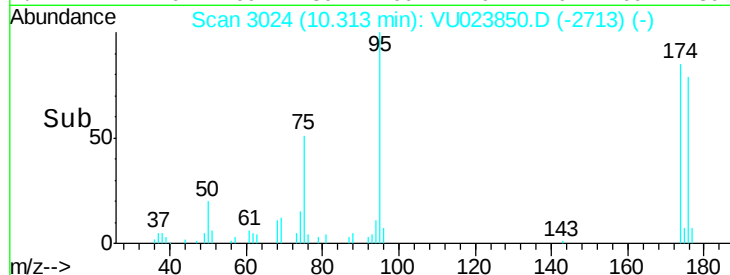


#57
4-Bromofluorobenzene
Concen: 2.132 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tot Ion: 95 Resp: 14422
Ion Ratio Lower Upper
95 100
174 83.7 65.6 98.4
176 79.9 62.0 93.0

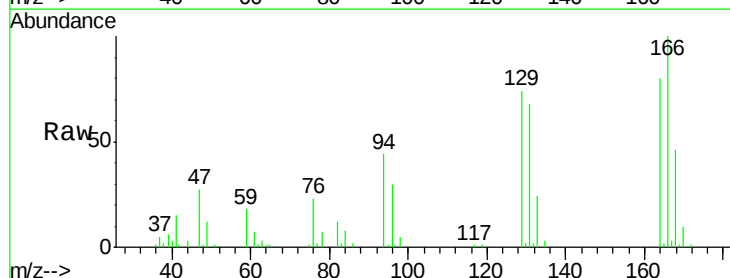


Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

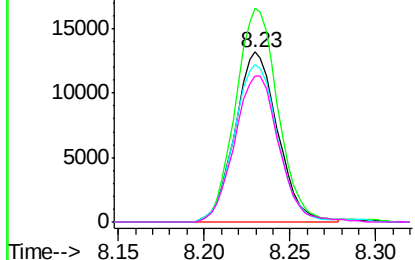
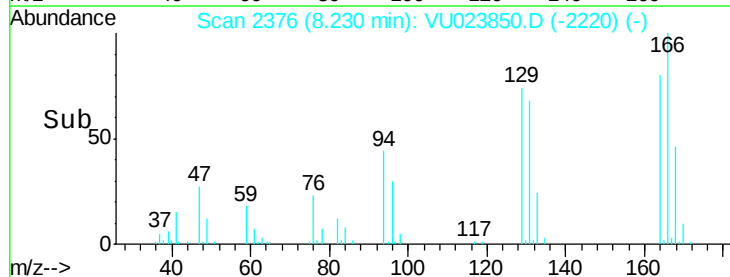


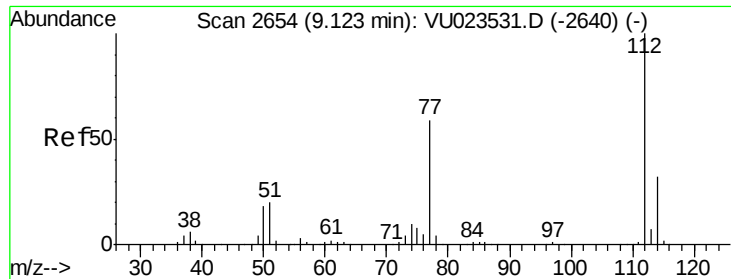
#58
Tetrachloroethene
Concen: 2.011 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tgt Ion: 164 Resp: 22677
Ion Ratio Lower Upper
164 100
166 125.7 104.1 156.1
129 92.9 76.8 115.2
131 86.0 72.6 108.8



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





#59

Chlorobenzene

Concen: 2.030 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023850.D

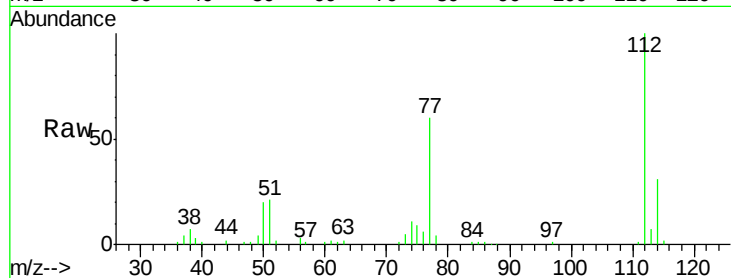
Acq: 14 May 2018 12:58

Tot Ion:112 Resp: 57831

Ion Ratio Lower Upper

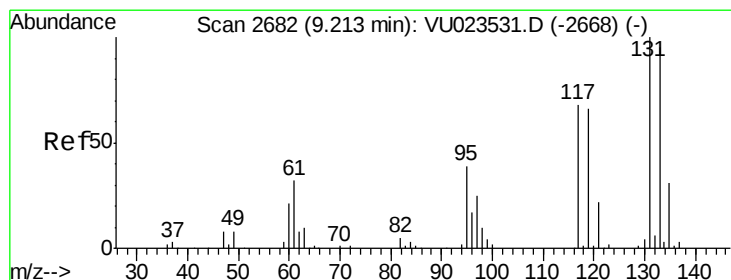
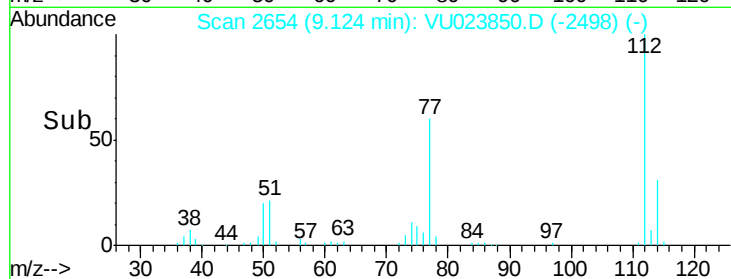
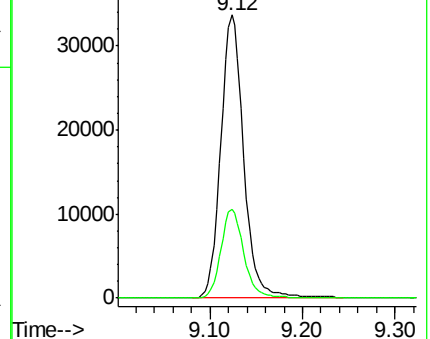
112 100

114 31.4 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: 2.122 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

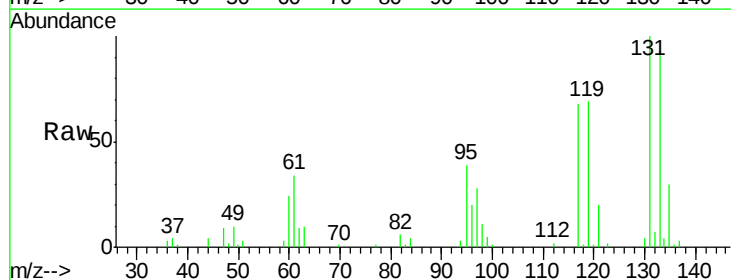
Tgt Ion:131 Resp: 20525

Ion Ratio Lower Upper

131 100

133 94.3 75.8 113.8

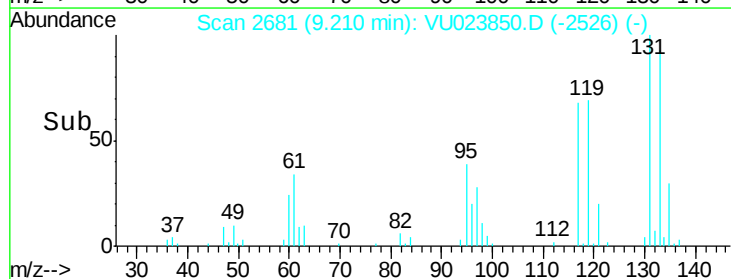
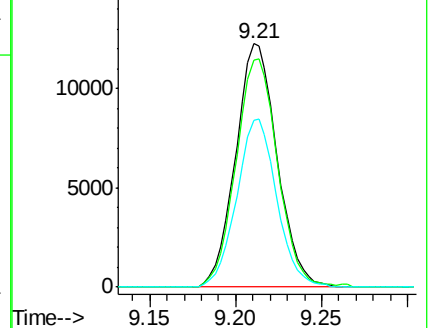
119 66.6 53.0 79.6

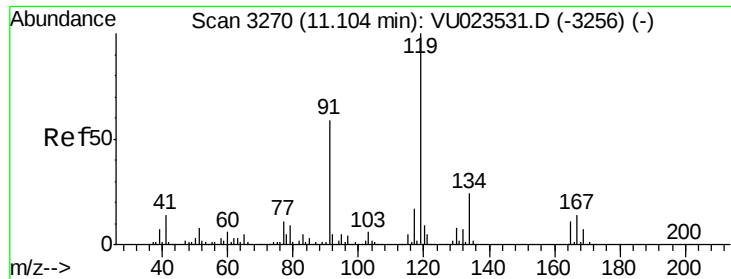


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

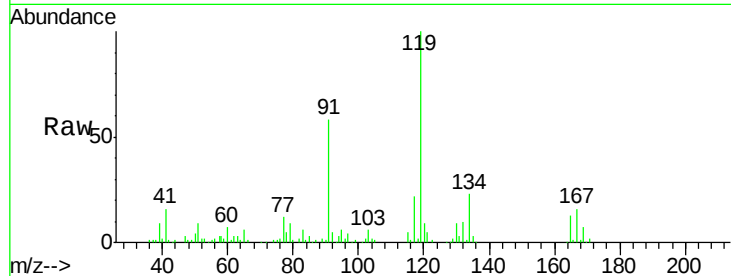
Ion 119.00 (118.70 to 119.70): V



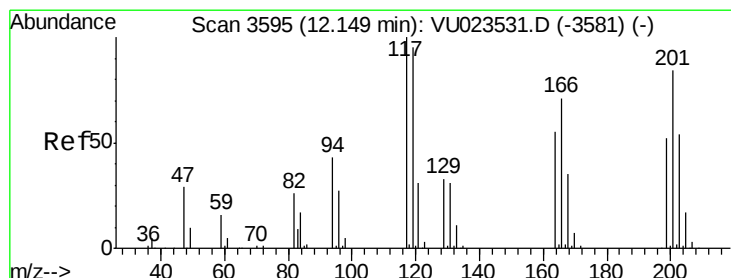
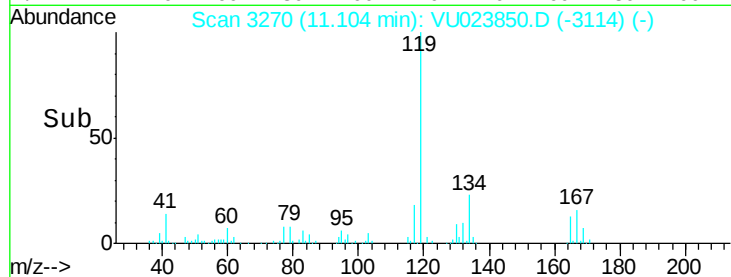
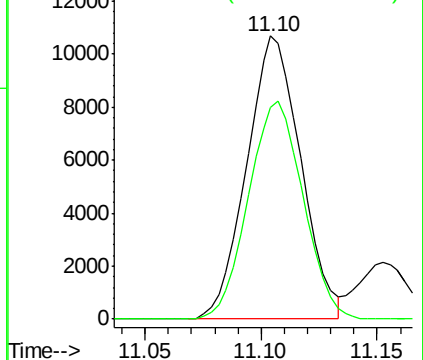


#61
 Pentachloroethane
 Concen: 2.526 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion:117 Resp: 17346
 Ion Ratio Lower Upper
 117 100
 167 77.8 69.2 103.8

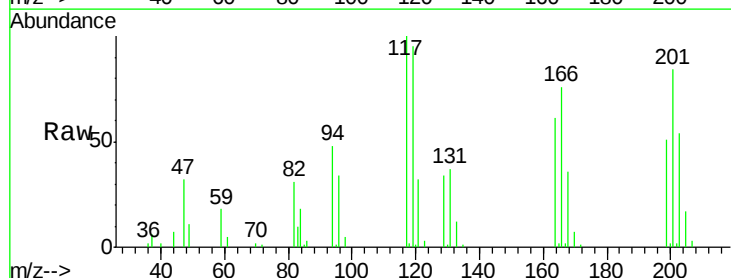


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

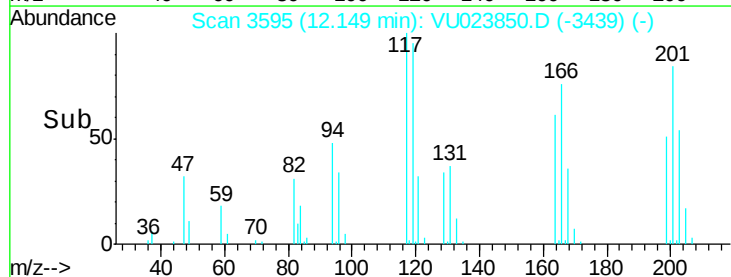
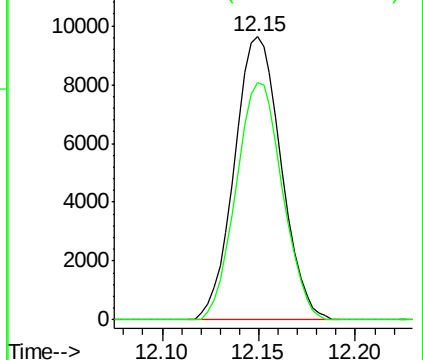


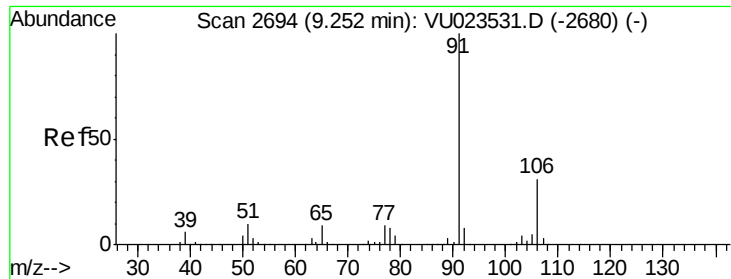
#62
 Hexachloroethane
 Concen: 2.453 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion:117 Resp: 16165
 Ion Ratio Lower Upper
 117 100
 201 82.8 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.899 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU023850.D

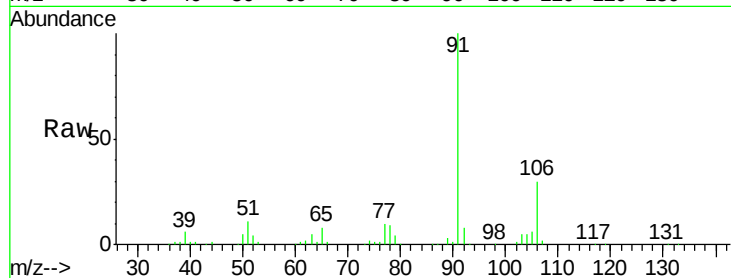
Acq: 14 May 2018 12:58

Tot Ion: 91 Resp: 89901

Ion Ratio Lower Upper

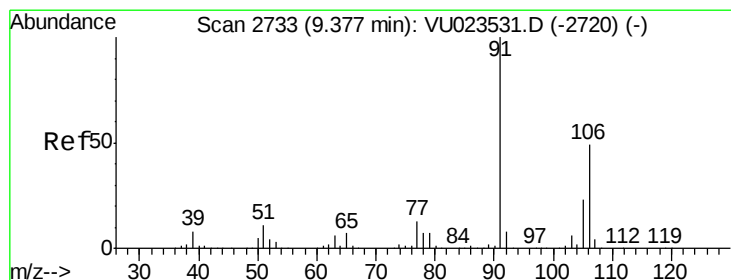
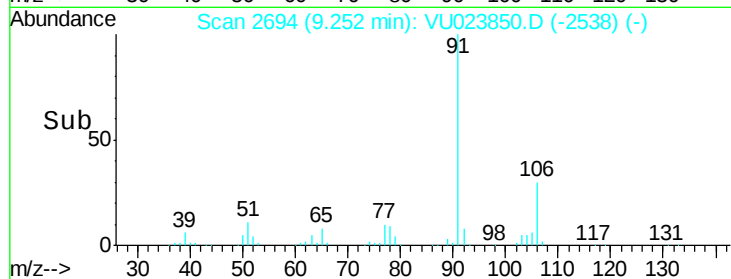
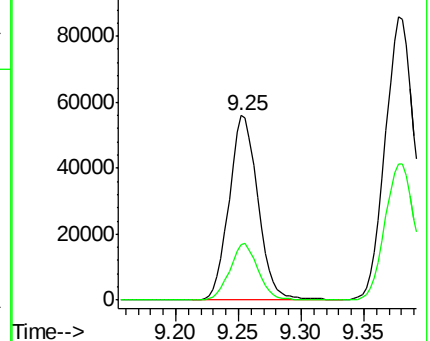
91 100

106 30.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



#64

m/p-Xylenes

Concen: 3.866 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023850.D

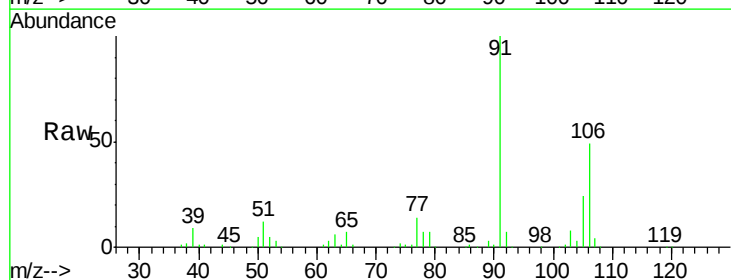
Acq: 14 May 2018 12:58

Tgt Ion: 106 Resp: 70580

Ion Ratio Lower Upper

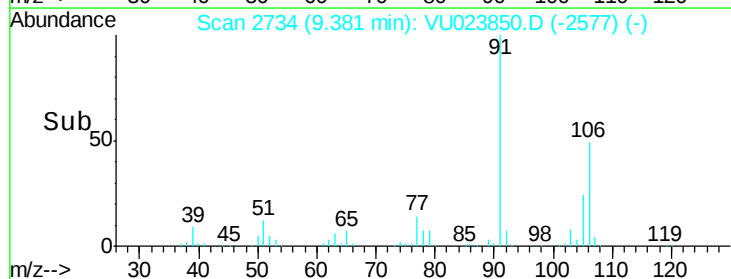
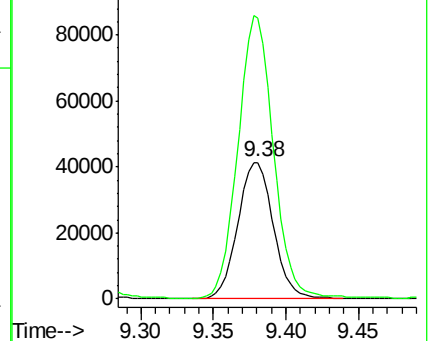
106 100

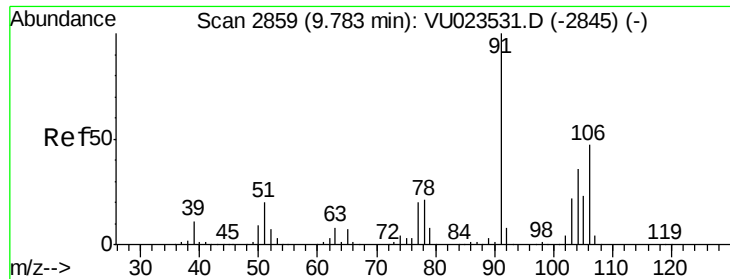
91 206.0 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#65

o-Xylene

Concen: 1.981 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU023850.D

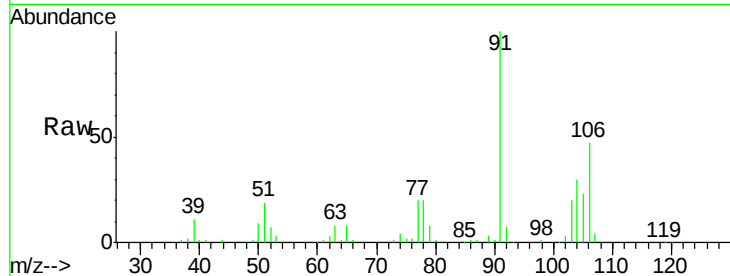
Acq: 14 May 2018 12:58

Tot Ion:106 Resp: 34831

Ion Ratio Lower Upper

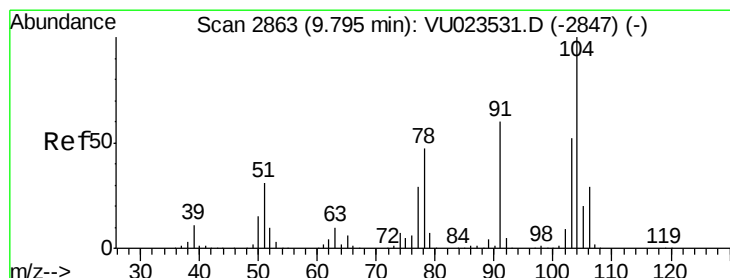
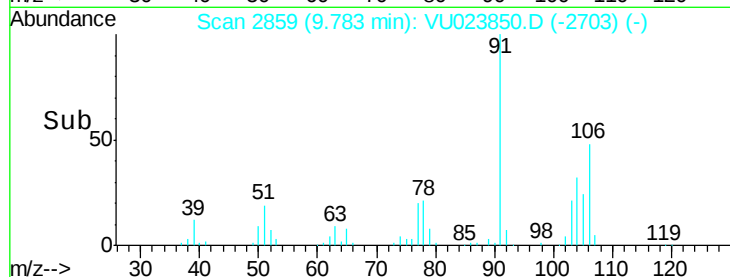
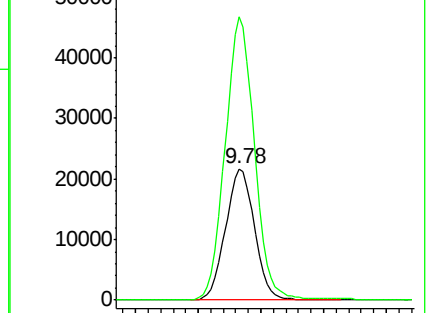
106 100

91 216.6 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.967 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

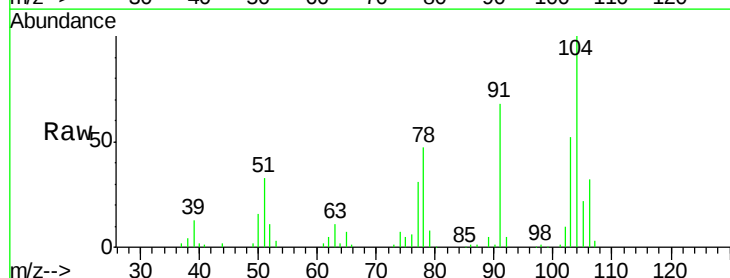
Tgt Ion:104 Resp: 57024

Ion Ratio Lower Upper

104 100

78 52.5 40.2 60.2

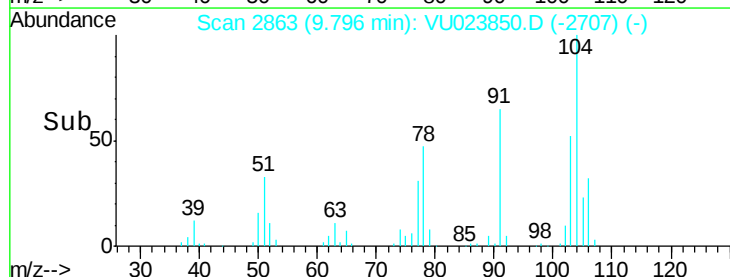
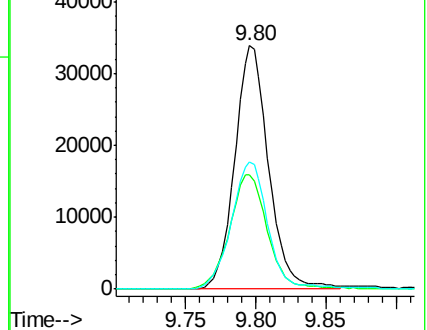
103 56.7 44.2 66.4

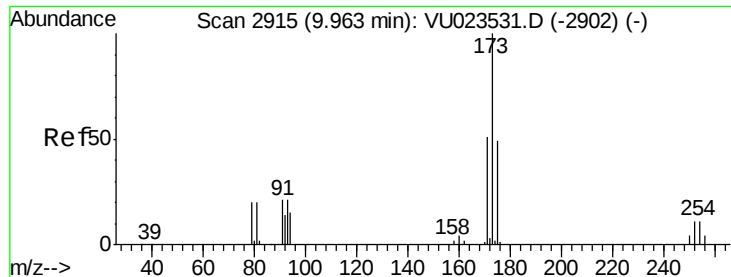


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 2.153 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

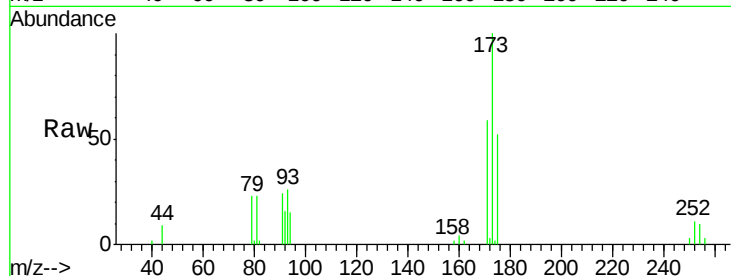
Tot Ion:173 Resp: 9528

Ion Ratio Lower Upper

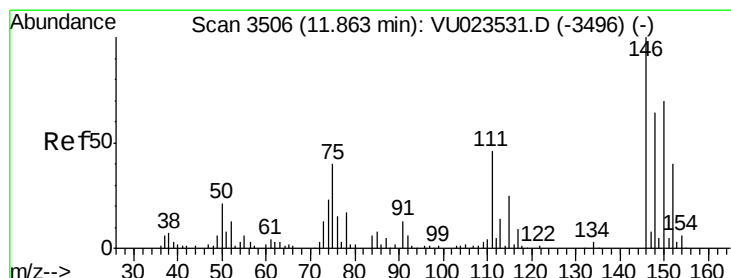
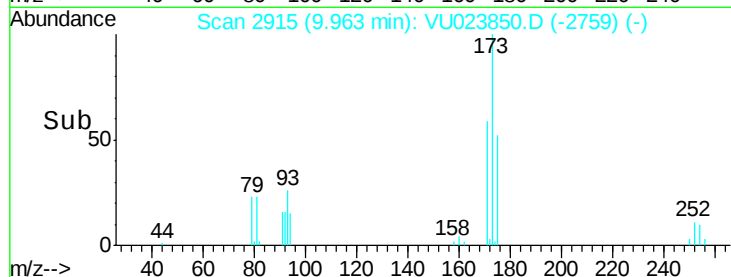
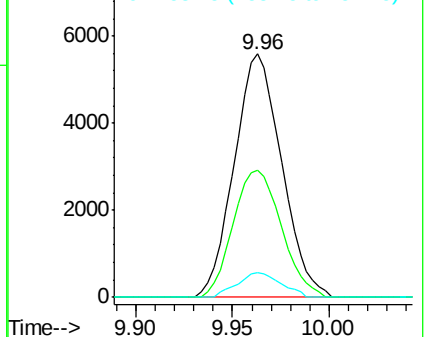
173 100

175 53.1 38.6 57.8

254 9.3 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: 2.153 ug/l

RT: 11.87 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

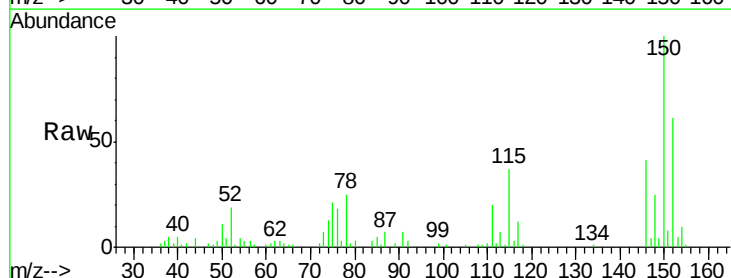
Tgt Ion:152 Resp: 15504

Ion Ratio Lower Upper

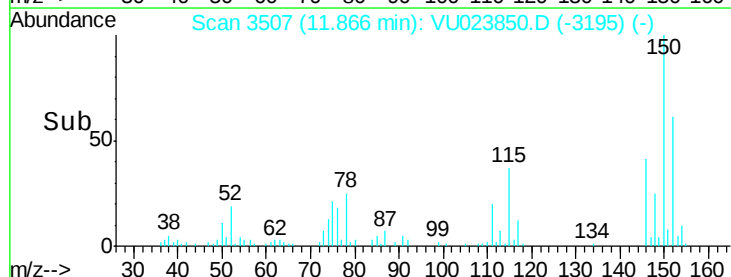
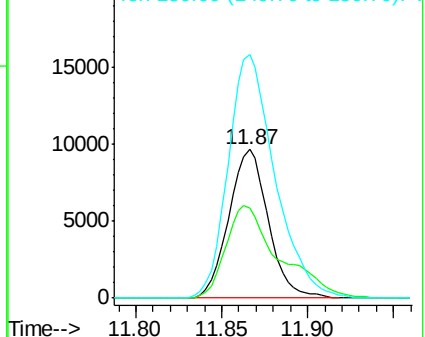
152 100

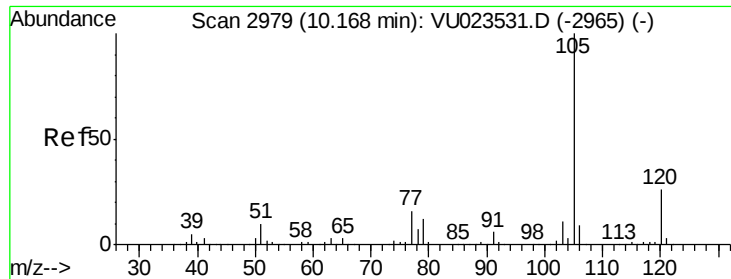
115 83.8 0.0 118.8

150 193.7 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: 1.966 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023850.D

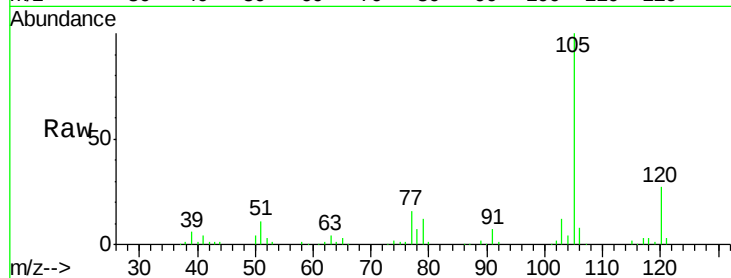
Acq: 14 May 2018 12:58

Tot Ion:105 Resp: 89023

Ion Ratio Lower Upper

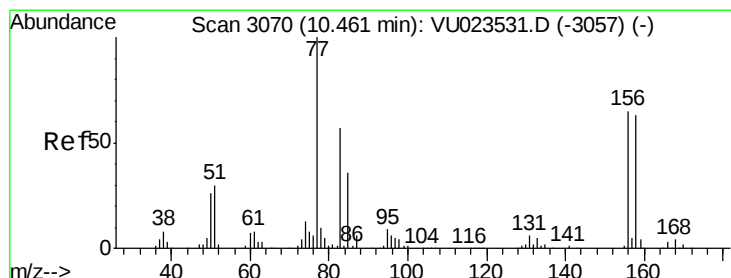
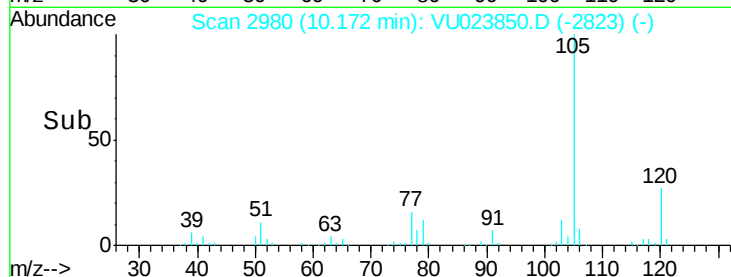
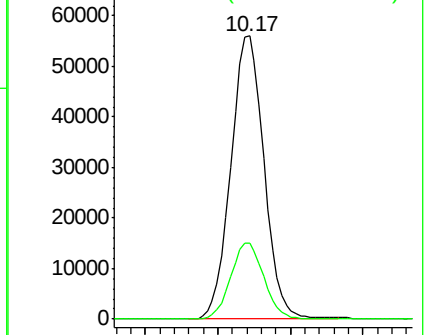
105 100

120 26.7 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: 2.327 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

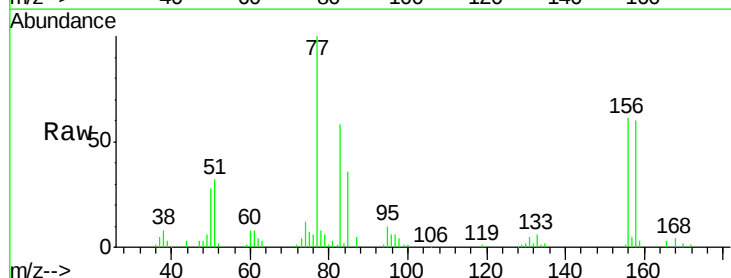
Tgt Ion: 83 Resp: 20282

Ion Ratio Lower Upper

83 100

131 9.5 7.9 11.9

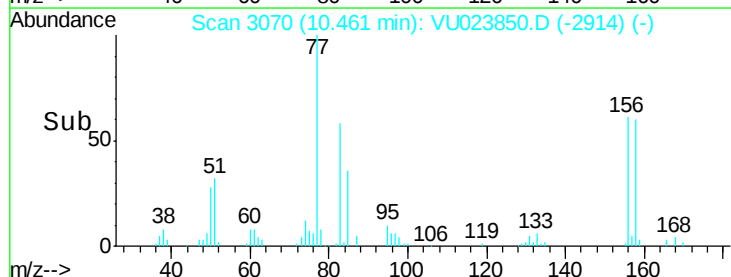
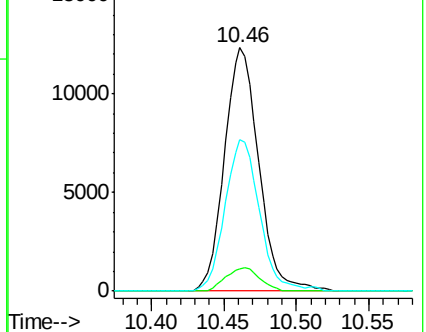
85 62.6 51.8 77.6

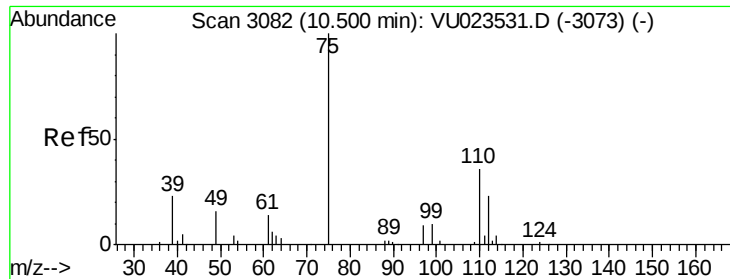


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 3.794 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

Tot Ion: 75 Resp: 23665

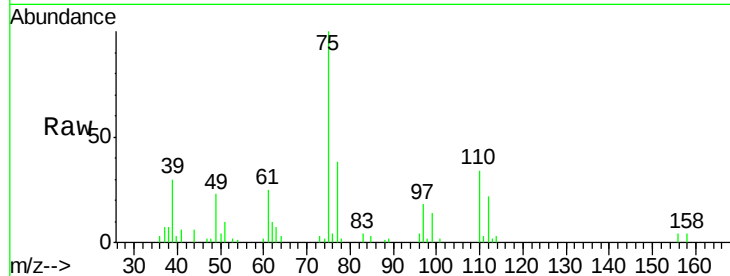
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	21.5	0.0	74.0
97	11.2	0.0	39.6

75 100

77 0.0 0.0 0.0

110 21.5 0.0 74.0

97 11.2 0.0 39.6

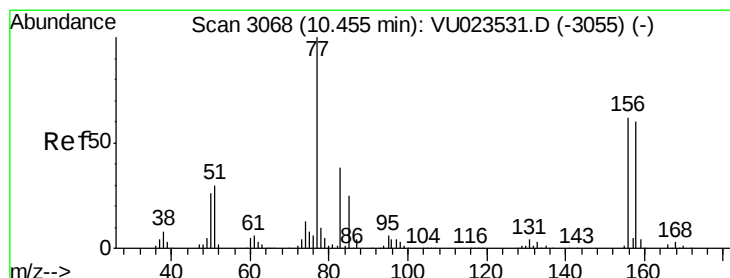
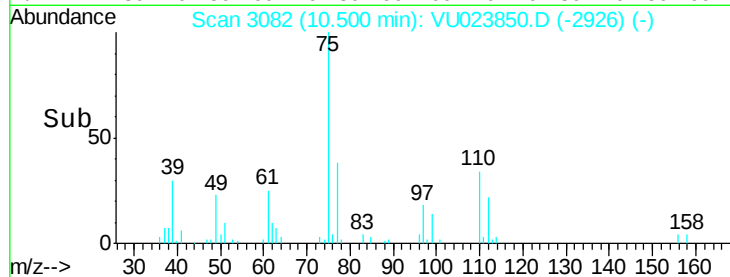
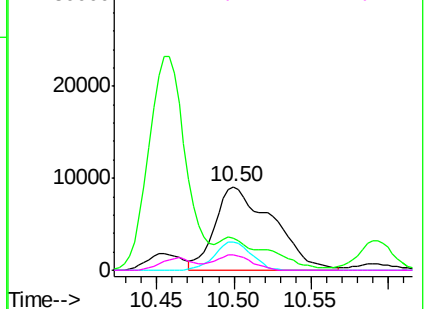


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 2.143 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

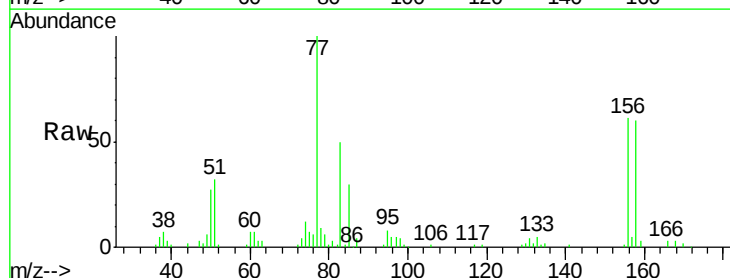
Tgt Ion: 156 Resp: 24162

Ion	Ratio	Lower	Upper
156	100		
77	162.5	0.0	309.8
158	97.8	0.0	193.0

156 100

77 162.5 0.0 309.8

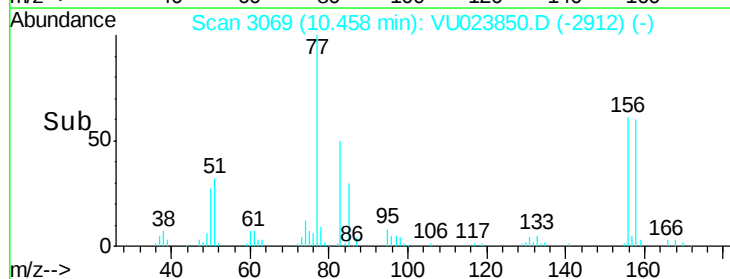
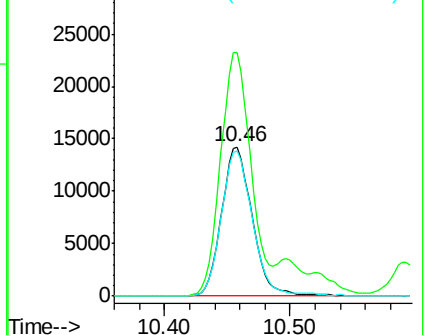
158 97.8 0.0 193.0

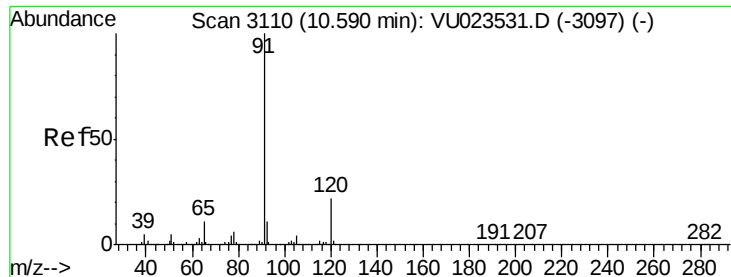


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 2.032 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU023850.D

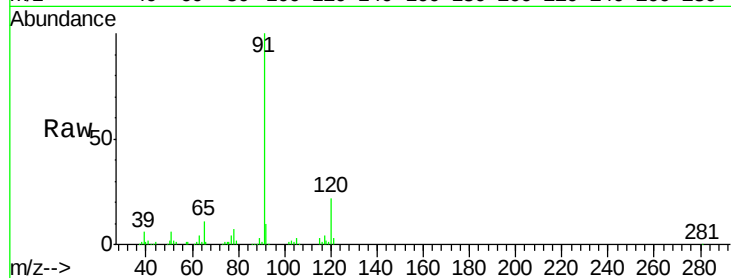
Acq: 14 May 2018 12:58

Tot Ion:120 Resp: 25439

Ion Ratio Lower Upper

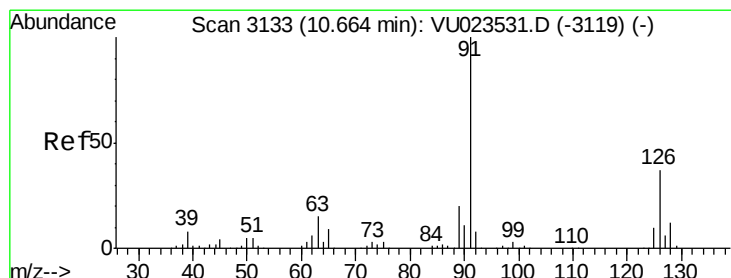
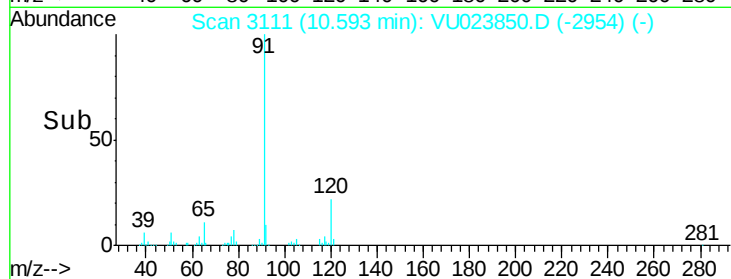
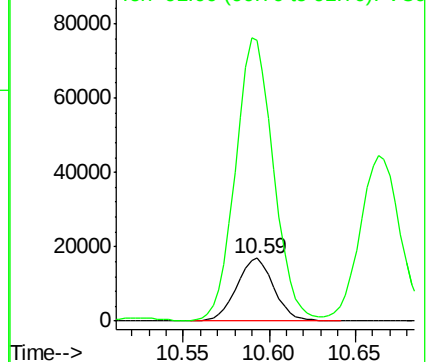
120 100

91 457.3 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.181 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU023850.D

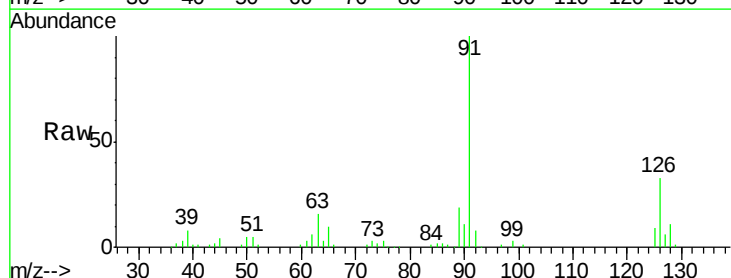
Acq: 14 May 2018 12:58

Tgt Ion:126 Resp: 24140

Ion Ratio Lower Upper

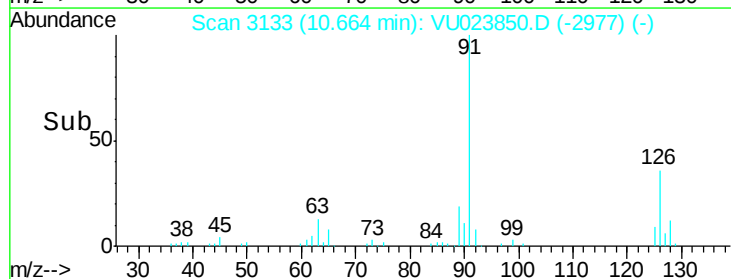
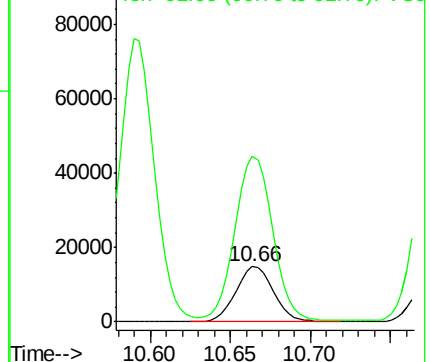
126 100

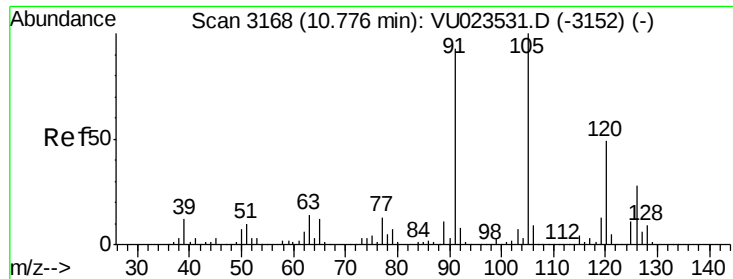
91 295.0 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 2.102 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023850.D

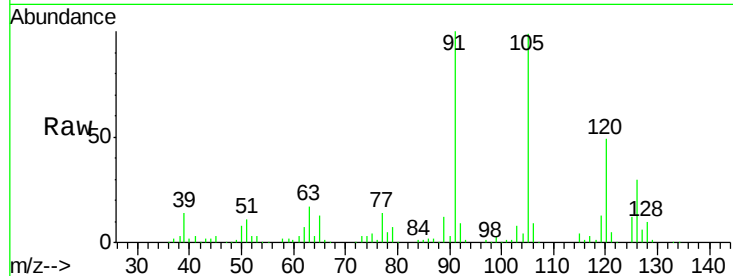
Acq: 14 May 2018 12:58

Tot Ion:105 Resp: 80183

Ion Ratio Lower Upper

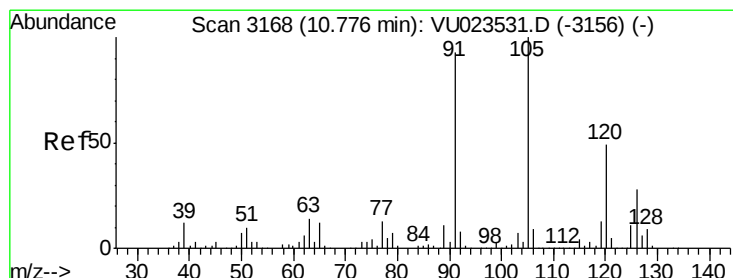
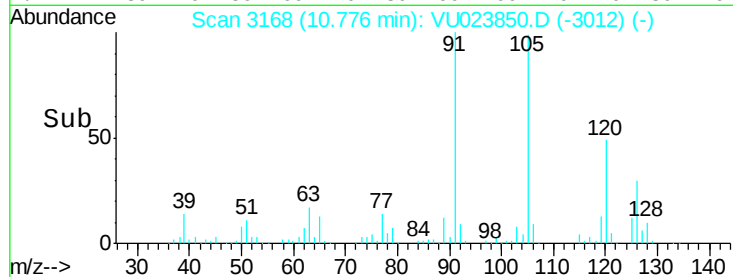
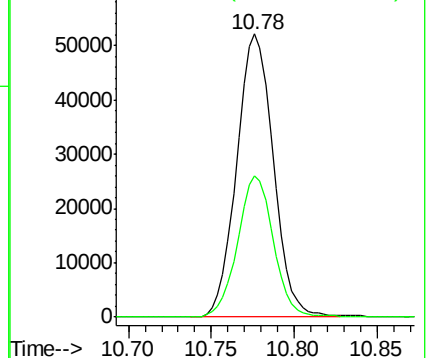
105 100

120 48.6 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 2.240 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023850.D

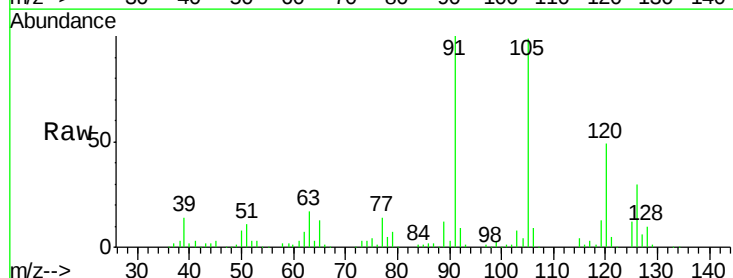
Acq: 14 May 2018 12:58

Tgt Ion:126 Resp: 25691

Ion Ratio Lower Upper

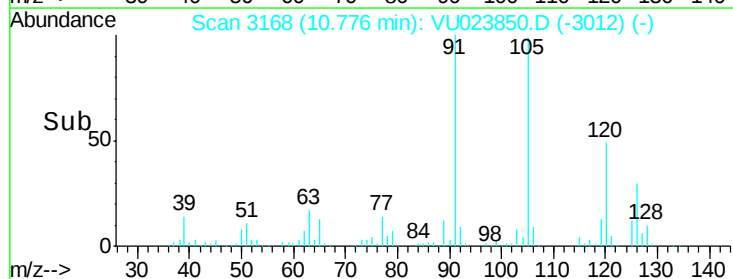
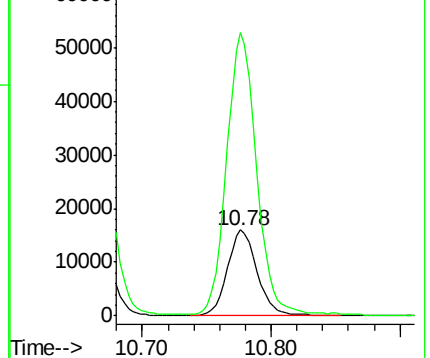
126 100

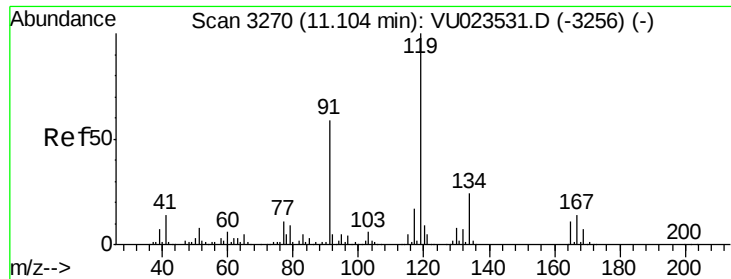
91 324.8 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

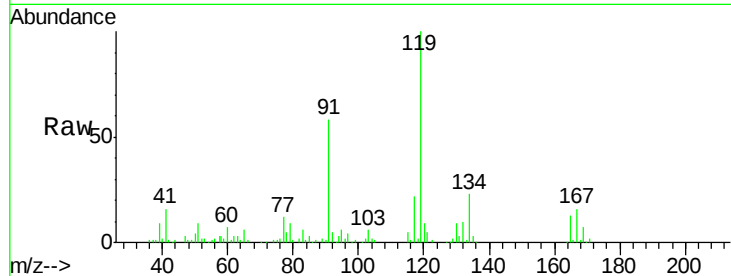
Ion 91.00 (90.70 to 91.70): VU0



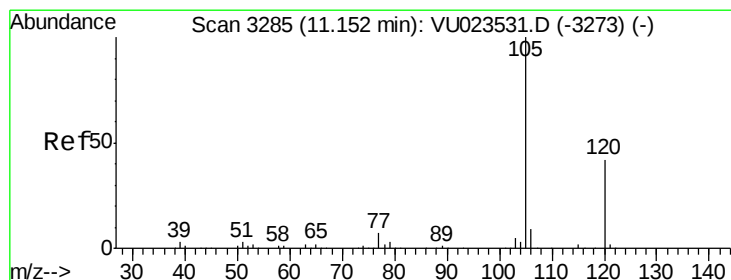
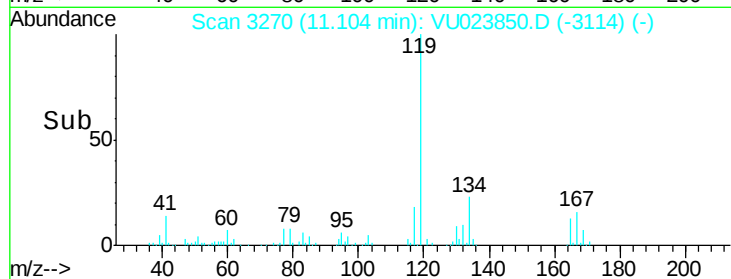
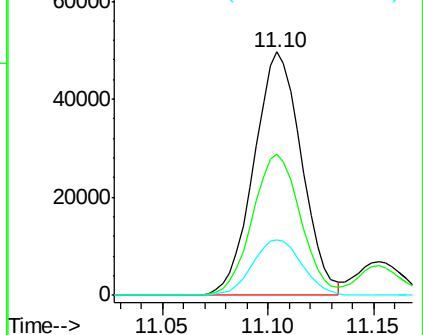


#77
 tert-Butylbenzene
 Concen: 2.186 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion:119 Resp: 78143
 Ion Ratio Lower Upper
 119 100
 91 58.7 29.6 88.8
 134 23.6 19.1 28.7

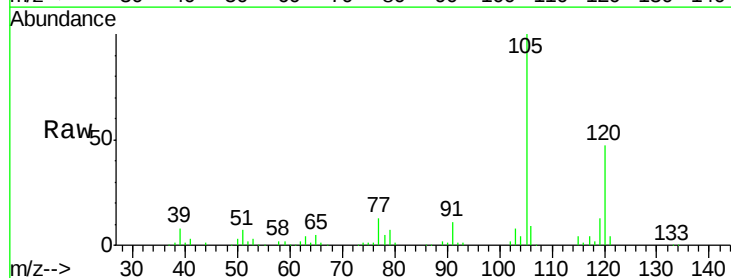


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

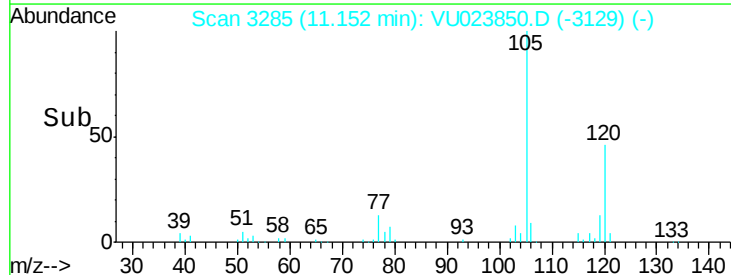
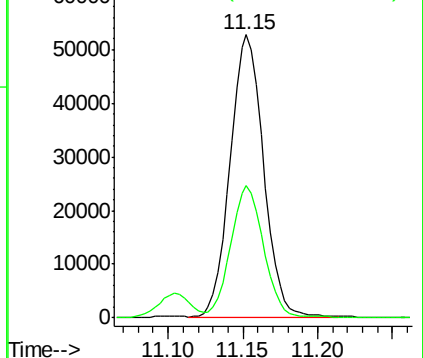


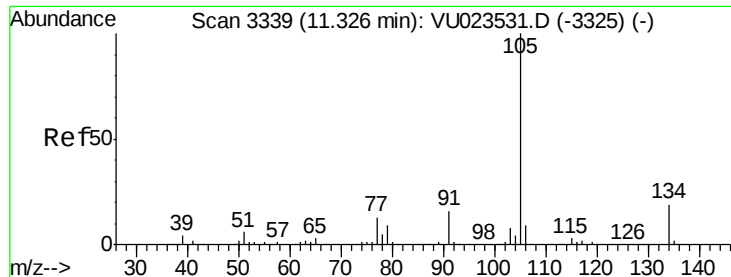
#78
 1,2,4-Trimethylbenzene
 Concen: 2.110 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion:105 Resp: 81277
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.3



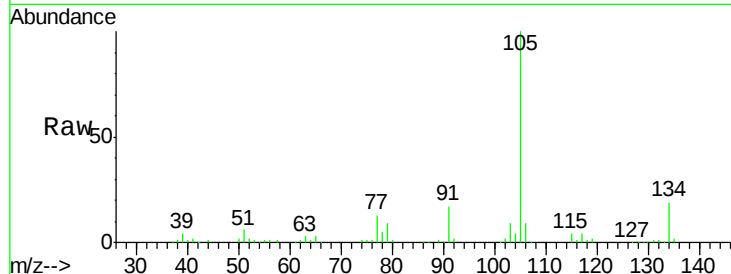
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



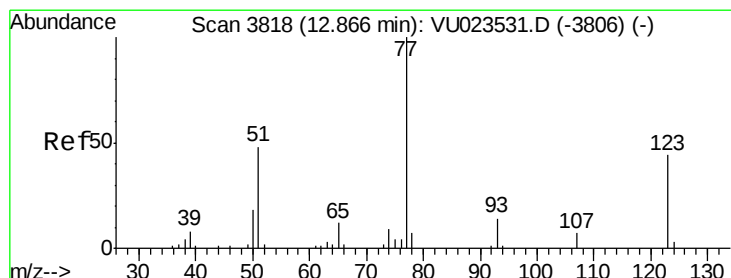
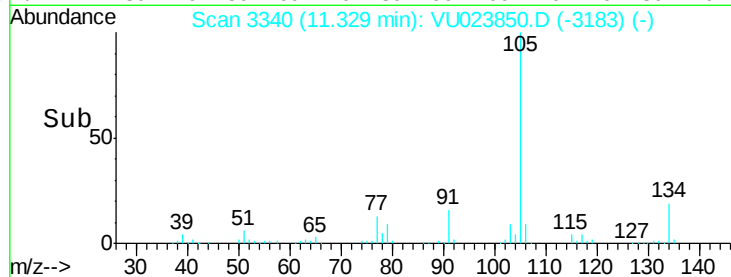
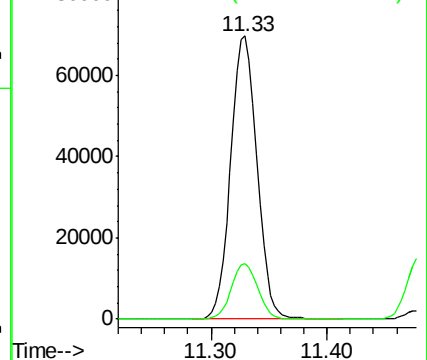


#79
 sec-Butylbenzene
 Concen: 2.190 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion: 105 Resp: 109604
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.6 23.4

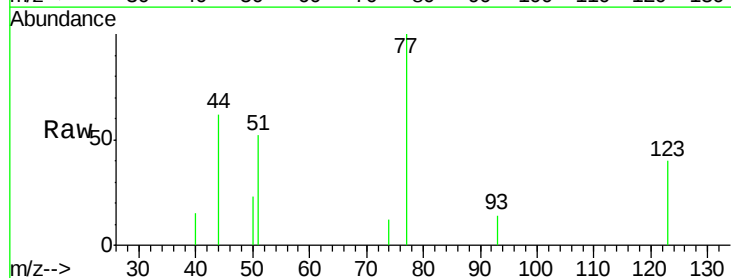


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

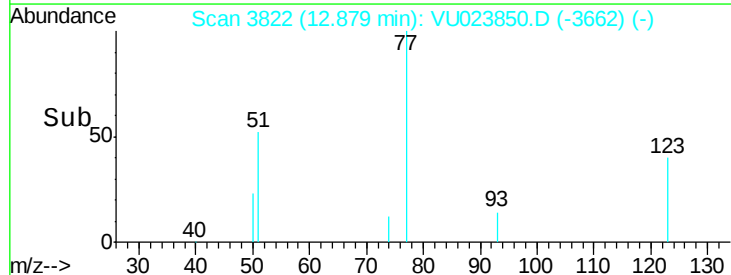
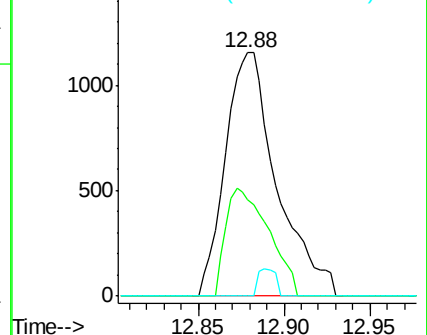


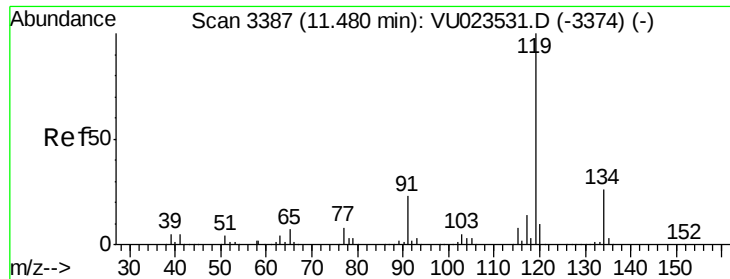
#80
 Nitrobenzene
 Concen: 8.746 ug/l
 RT: 12.88 min Scan# 3822
 Delta R.T. 0.01 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion: 77 Resp: 2409
 Ion Ratio Lower Upper
 77 100
 123 36.9 19.4 68.6
 65 3.9 11.2 14.2#



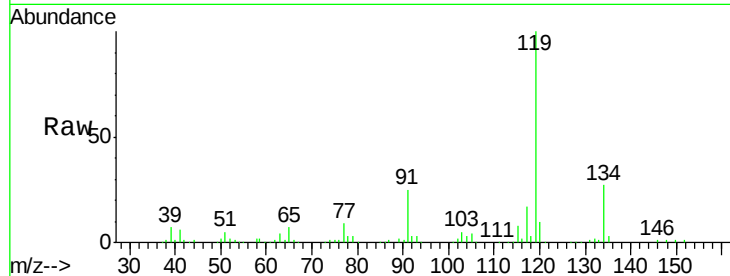
Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0



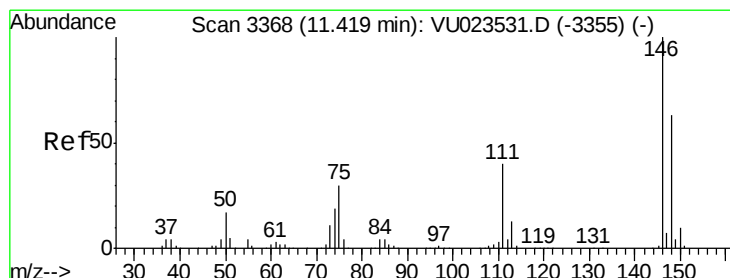
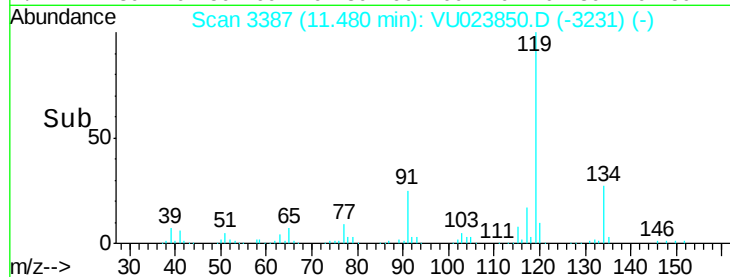
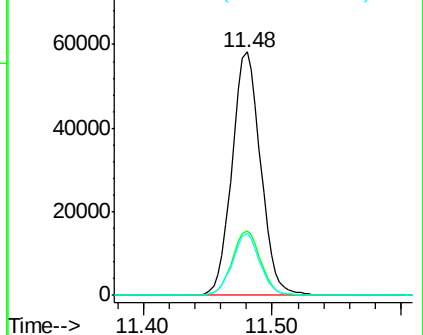


#81
 p-Isopropyltoluene
 Concen: 2.182 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.9	31.3
91	24.8	18.2	27.2

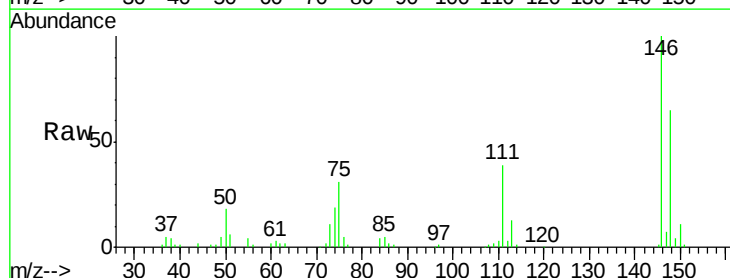


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

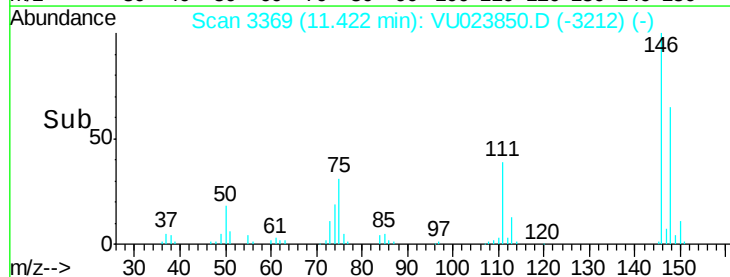
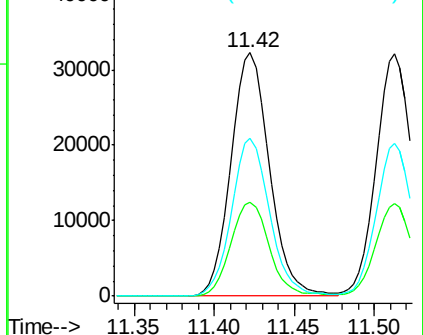


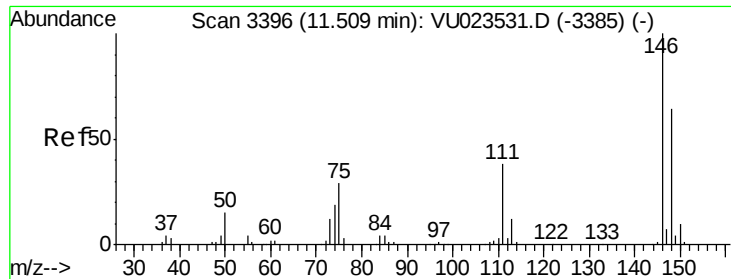
#82
 1,3-Dichlorobenzene
 Concen: 2.355 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.8	47.6
148	64.0	51.0	76.4



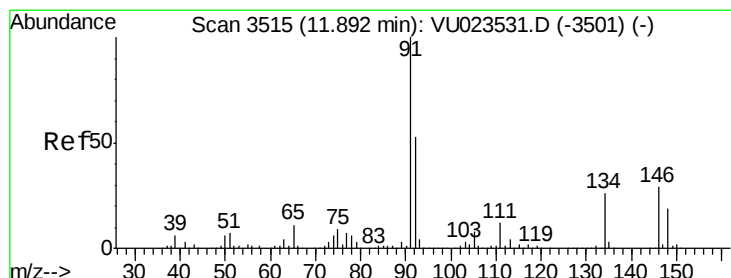
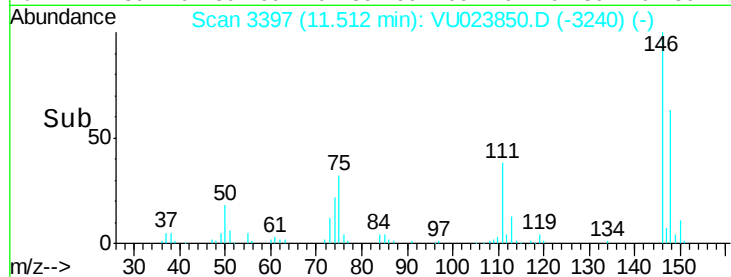
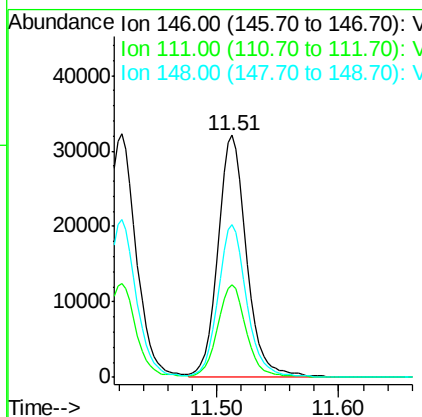
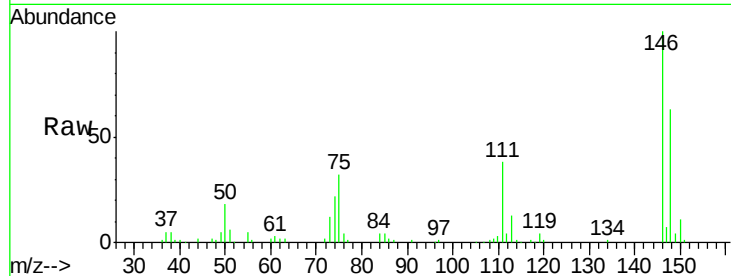
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





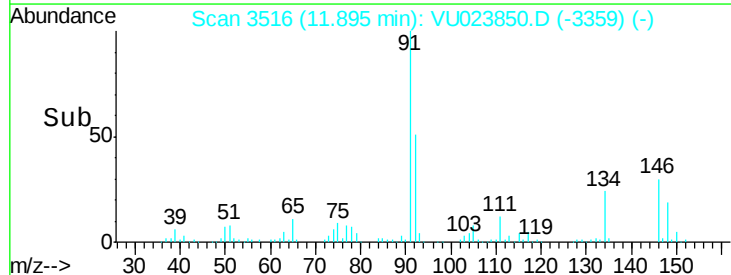
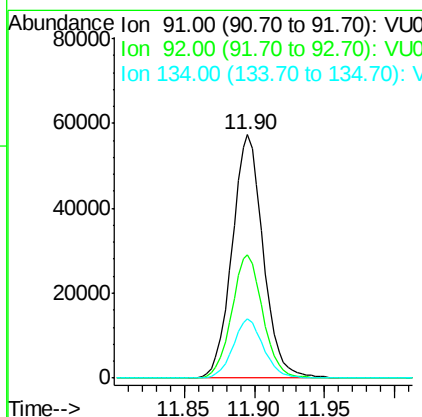
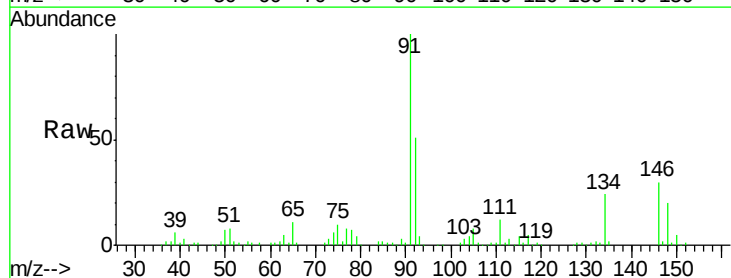
#83
 1,4-Dichlorobenzene
 Concen: 2.365 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

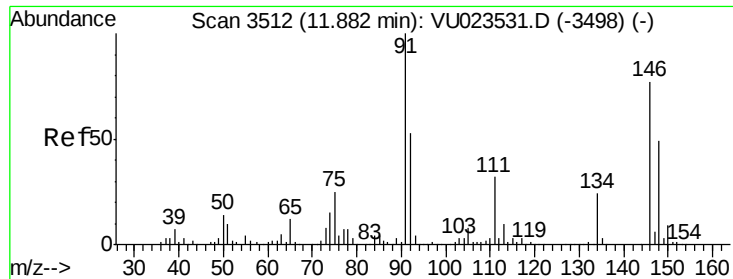
Tot Ion:146 Resp: 53141
 Ion Ratio Lower Upper
 146 100
 111 37.2 30.1 45.1
 148 63.4 50.6 76.0



#84
 n-Butylbenzene
 Concen: 2.201 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion: 91 Resp: 88401
 Ion Ratio Lower Upper
 91 100
 92 50.6 42.2 63.2
 134 23.8 20.3 30.5





#85

1,2-Dichlorobenzene

Concen: 2.304 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

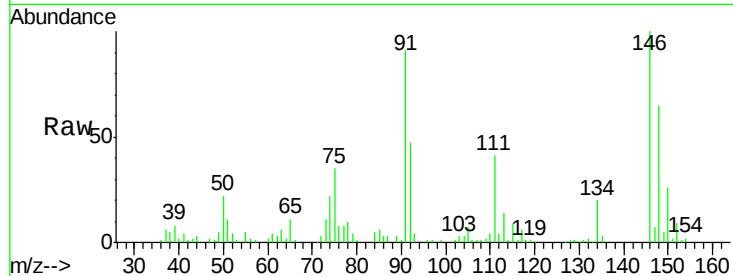
Tot Ion:146 Resp: 46803

Ion Ratio Lower Upper

146 100

111 42.3 20.7 62.1

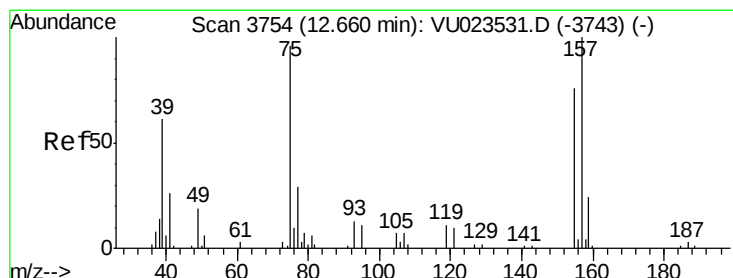
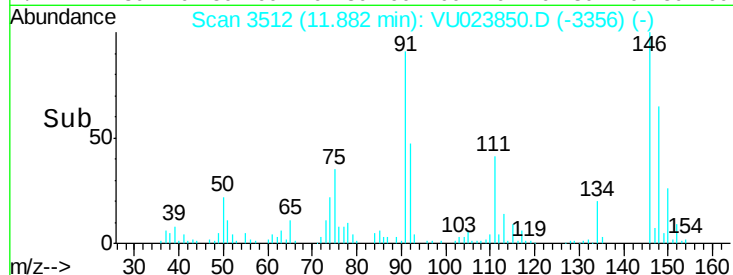
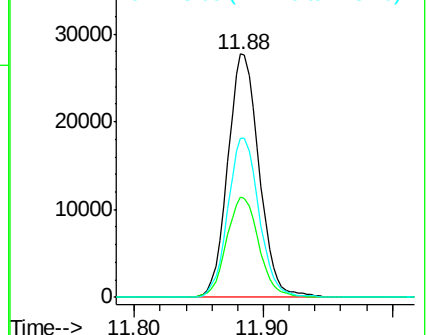
148 65.2 31.9 95.5



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: 2.478 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU023850.D

Acq: 14 May 2018 12:58

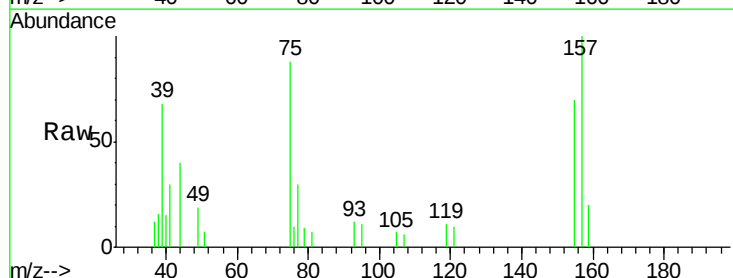
Tgt Ion: 75 Resp: 3048

Ion Ratio Lower Upper

75 100

155 80.0 65.8 98.6

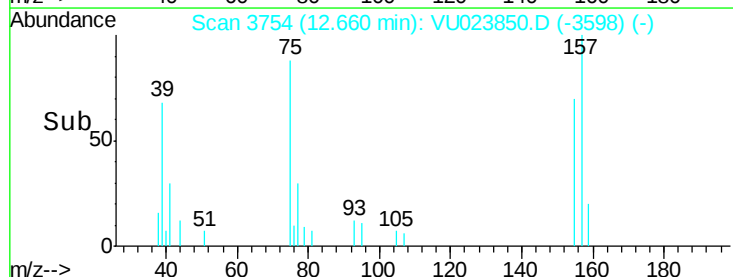
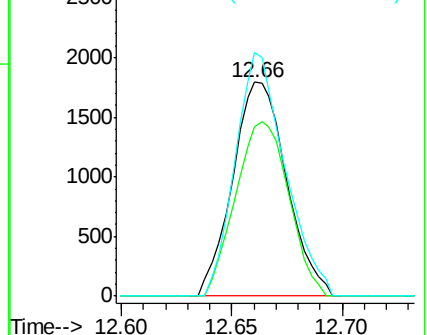
157 105.0 83.5 125.3

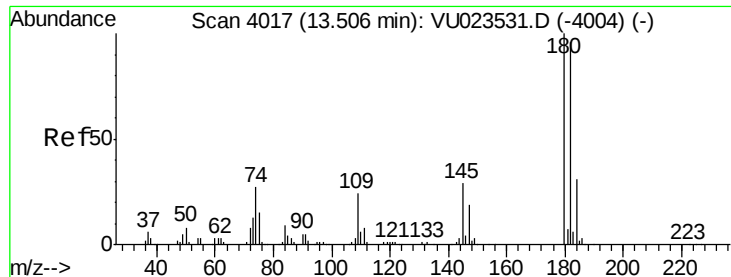


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

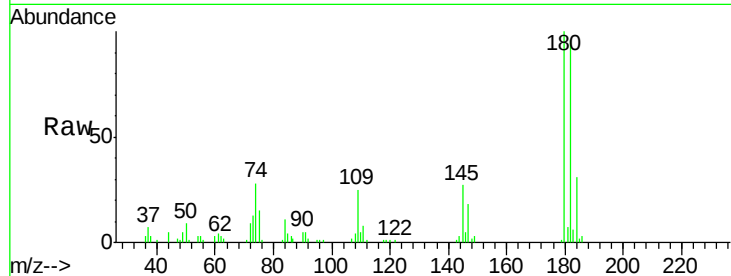
Ion 157.00 (156.70 to 157.70): V



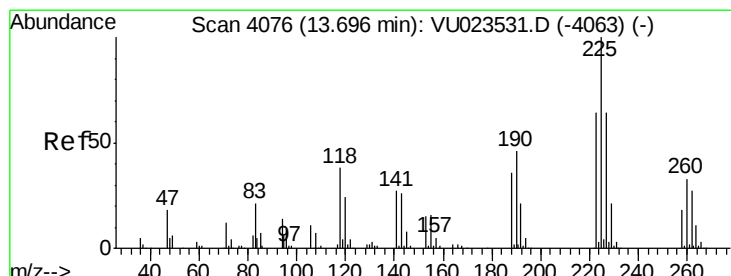
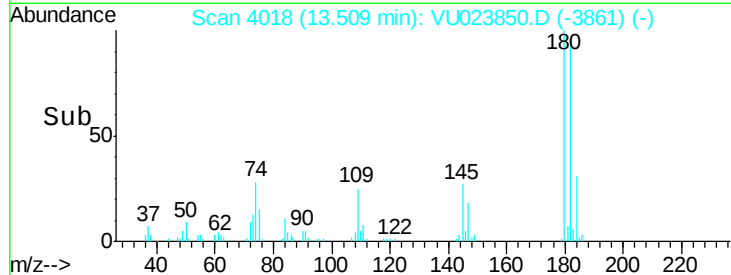
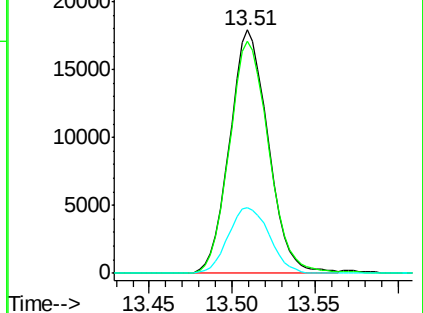


#87
 1,2,4-Trichlorobenzene
 Concen: 1.970 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tot Ion:180 Resp: 28946
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.1 115.7
 145 28.7 23.3 34.9

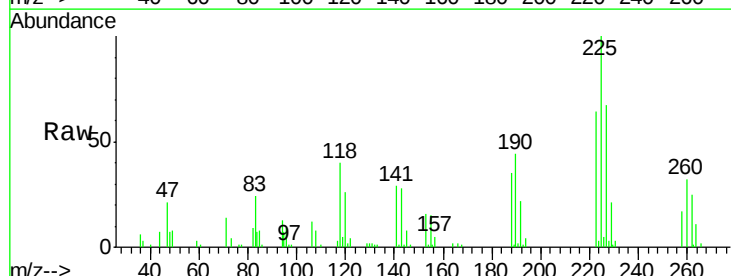


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

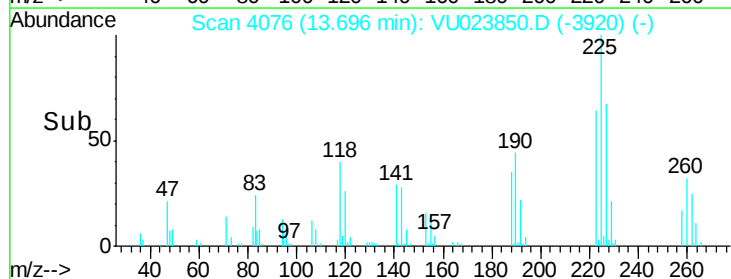
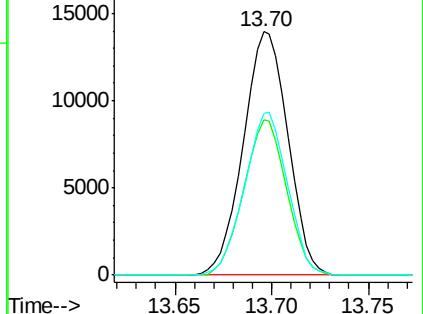


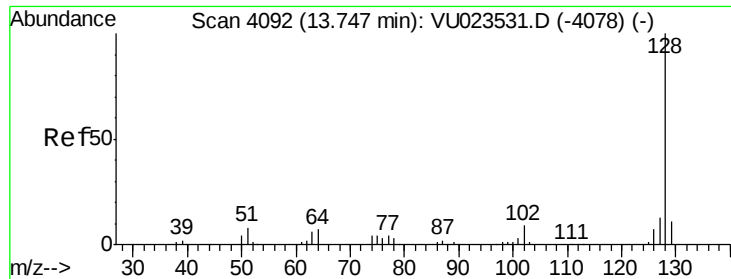
#88
 Hexachlorobutadiene
 Concen: 2.519 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU023850.D
 Acq: 14 May 2018 12:58

Tgt Ion:225 Resp: 22442
 Ion Ratio Lower Upper
 225 100
 223 61.0 50.6 75.8
 227 64.2 51.8 77.6



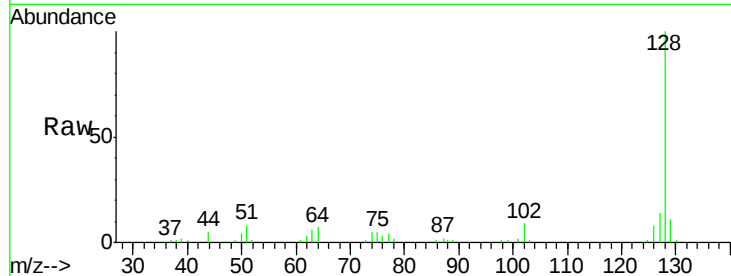
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V



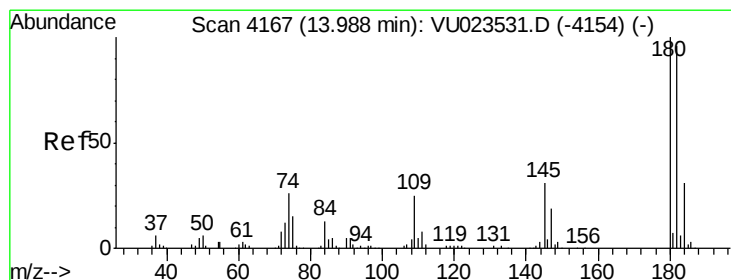
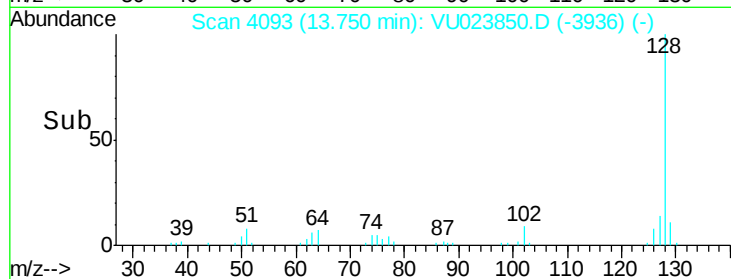
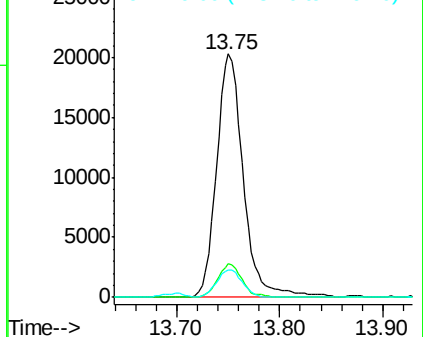


#89
Naphthalene
Concen: 1.650 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tot Ion:128 Resp: 36507
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.8 8.7 13.1

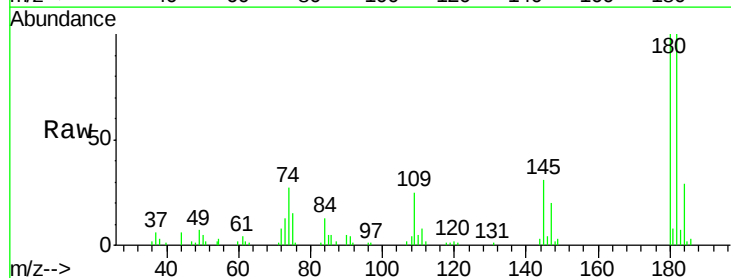


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.954 ug/l
RT: 13.99 min Scan# 4169
Delta R.T. 0.01 min
Lab File: VU023850.D
Acq: 14 May 2018 12:58

Tgt Ion:180 Resp: 26947
Ion Ratio Lower Upper
180 100
182 98.6 76.8 115.2
145 30.6 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

