

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051418\
 Data File : VU023849.D
 Acq On : 14 May 2018 12:12
 Operator : MD/SY
 Sample : VU0514WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 15 04:22:10 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	40332	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14266	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15208	1.19	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	29058	2.219	ug/l	98
3) Chloromethane	1.33	50	33761	2.225	ug/l	98
4) Vinyl Chloride	1.40	62	32946	2.263	ug/l	99
5) Bromomethane	1.63	94	16256	2.089	ug/l	99
6) Chloroethane	1.70	64	19813	2.445	ug/l	98
7) Trichlorofluoromethane	1.89	101	40314	2.413	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23949	2.333	ug/l	96
9) 1,1-Dichloroethene	2.29	96	21438	2.249	ug/l	94
10) Iodomethane	2.41	142	12546	1.107	ug/l	98
11) Allyl Chloride	2.60	41	42533	2.428	ug/l	96
12) Acrylonitrile	2.94	53	10284	5.229	ug/l	95
13) Acetone	2.33	43	49556	29.689	ug/l	95
14) Carbon Disulfide	2.48	76	73832	2.355	ug/l	97
15) Methylene Chloride	2.70	84	25385	2.339	ug/l	95
16) trans-1,2-Dichloroethene	2.99	96	23294	2.281	ug/l	98
17) 1,1-Dichloroethane	3.45	63	47158	2.345	ug/l	99
18) 2-Butanone	4.28	43	43909	16.279	ug/l	99
19) Cyclohexane	5.00	56	30344	1.746	ug/l	95
20) Methylcyclohexane	6.42	83	32833	1.852	ug/l	96
21) 2,2-Dichloropropane	4.23	77	33172	2.080	ug/l #	76
22) cis-1,2-Dichloroethene	4.23	96	23816	2.155	ug/l	97
23) Diethyl Ether	2.10	59	18016	2.312	ug/l	97
24) tert-Butyl Alcohol	2.84	59	17163	29.213	ug/l #	82
25) Methyl tert-Butyl Ether	3.00	73	53604	2.238	ug/l	93
26) Bromochloromethane	4.55	128	10414	2.385	ug/l	94
27) Chloroform	4.68	83	42855	2.263	ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	33629	2.164	ug/l	98
29) 1,1-Dichloropropene	5.14	75	31449	2.063	ug/l	99
30) Carbon Tetrachloride	5.14	117	28361	2.170	ug/l	98
31) Isopropyl Ether	3.58	45	68230	2.010	ug/l	94
32) Ethyl-t-butyl ether	4.08	59	54267	1.871	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	42709	1.739	ug/l	98
34) Propionitrile	4.34	54	9072	11.813	ug/l #	85
35) Benzene	5.39	78	90589	1.999	ug/l	99
36) 1,2-Dichloroethane	5.41	62	25065	1.956	ug/l	98
37) Trichloroethene	6.19	130	23650	1.944	ug/l	100
38) 1,2-Dichloropropane	6.44	63	24635	1.982	ug/l	100
39) Methacrylonitrile	4.55	41	7453	1.898	ug/l	97
40) Methyl acrylate	4.44	55	10769	1.977	ug/l #	95
41) Tetrahydrofuran	4.65	42	7854	3.882	ug/l	99
42) 1-Chlorobutane	5.07	56	42132	1.907	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu May 03 10:23:54 2018
 Response via : Initial Calibration

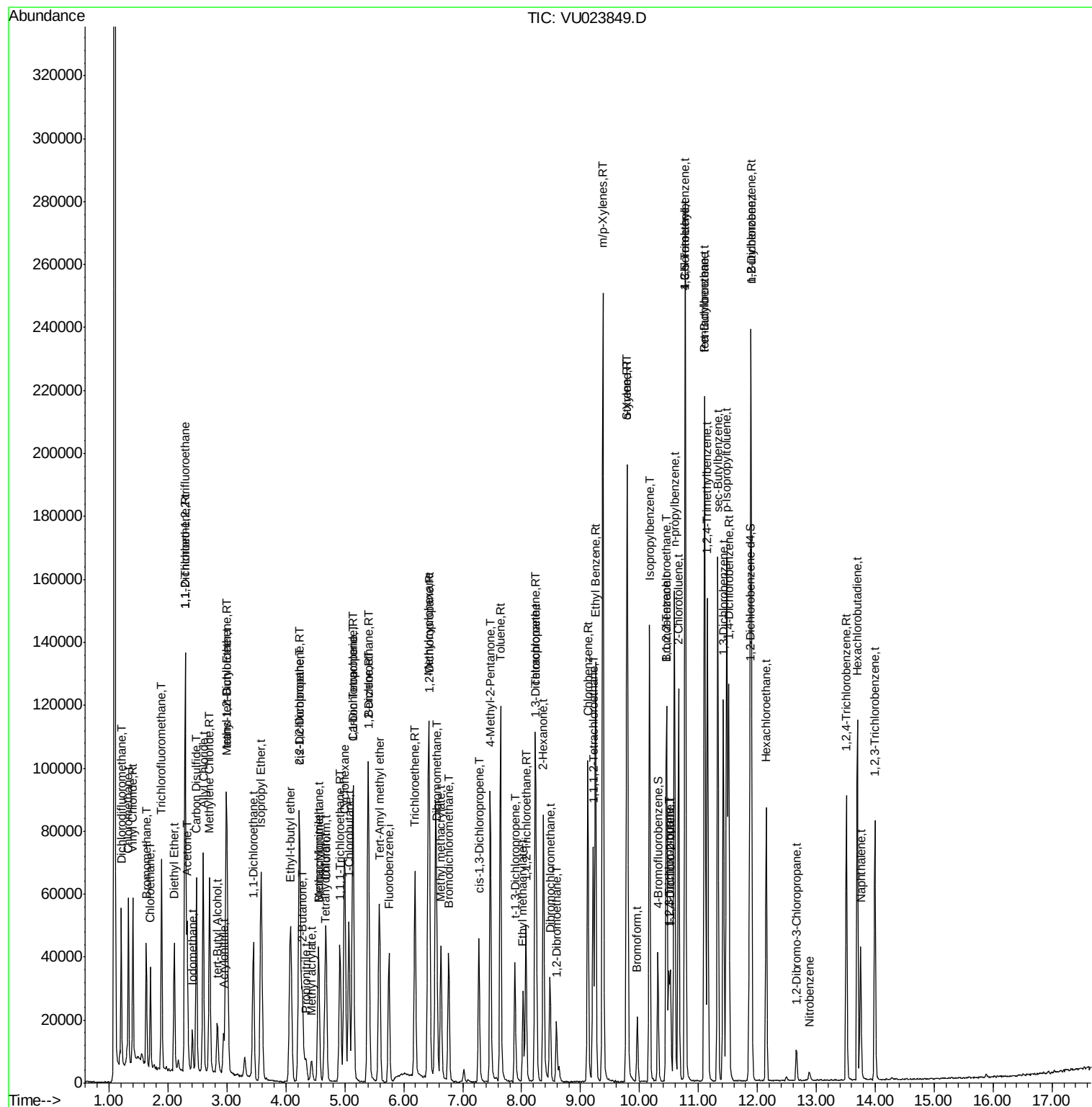
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

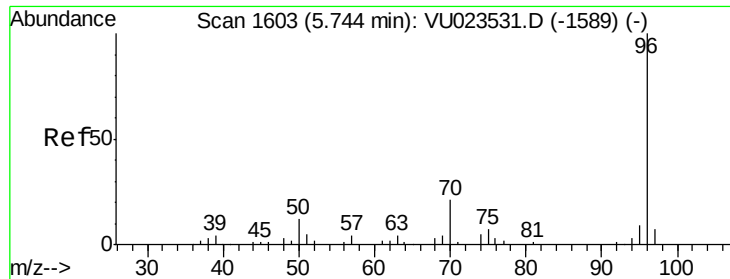
43) Dibromomethane	6.56	93	11019	2.062	ug/l	98
44) Bromodichloromethane	6.76	83	27593	2.054	ug/l	97
45) 4-Methyl-2-Pentanone	7.47	43	64841	10.264	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	7887m	4.223	ug/l	
47) Methyl methacrylate	6.63	69	18779	3.878	ug/l	97
48) Ethyl methacrylate	8.02	69	15590	1.841	ug/l	100
49) Toluene	7.64	92	51228	1.957	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	22267	1.942	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	28021	1.878	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	15402	2.025	ug/l	98
53) 1,3-Dichloropropane	8.25	76	26941	1.993	ug/l	98
54) 2-Hexanone	8.37	43	58312	13.551	ug/l	97
55) Dibromochloromethane	8.48	129	17287	2.074	ug/l	99
56) 1,2-Dibromoethane	8.59	107	13678	2.087	ug/l	99
58) Tetrachloroethene	8.23	164	22832	2.059	ug/l	97
59) Chlorobenzene	9.12	112	56215	2.007	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	19929	2.094	ug/l	97
61) Pentachloroethane	11.10	117	16406	2.429	ug/l	93
62) Hexachloroethane	12.15	117	15108	2.331	ug/l	97
63) Ethyl Benzene	9.25	91	90101	1.935	ug/l	98
64) m/p-Xylenes	9.38	106	72035	4.011	ug/l	98
65) o-Xylene	9.78	106	35349	2.044	ug/l	100
66) Styrene	9.80	104	57675	2.022	ug/l	99
67) Bromoform	9.96	173	9299	2.137	ug/l	96
69) Isopropylbenzene	10.17	105	89258	2.004	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	19655	2.293	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	23218	3.785	ug/l #	75
72) Bromobenzene	10.46	156	24691	2.226	ug/l	100
73) n-propylbenzene	10.59	120	26575	2.158	ug/l	97
74) 2-Chlorotoluene	10.66	126	23475	2.156	ug/l	95
75) 1,3,5-Trimethylbenzene	10.78	105	81218	2.164	ug/l	100
76) 4-Chlorotoluene	10.78	126	25907	2.297	ug/l	94
77) tert-Butylbenzene	11.10	119	77744	2.211	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	83228	2.197	ug/l	100
79) sec-Butylbenzene	11.33	105	108461	2.203	ug/l	100
80) Nitrobenzene	12.88	77	2280	8.506	ug/l #	91
81) p-Isopropyltoluene	11.48	119	90687	2.241	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	51742	2.338	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	52851	2.391	ug/l	100
84) n-Butylbenzene	11.90	91	87502	2.215	ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	46487	2.326	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2660	2.199	ug/l	90
87) 1,2,4-Trichlorobenzene	13.51	180	29773	2.060	ug/l	99
88) Hexachlorobutadiene	13.70	225	22534	2.571	ug/l	99
89) Naphthalene	13.75	128	36757	1.689	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	27408	2.020	ug/l	100

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

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#1

Fluorobenzene

Concen: 1.000 ug/l

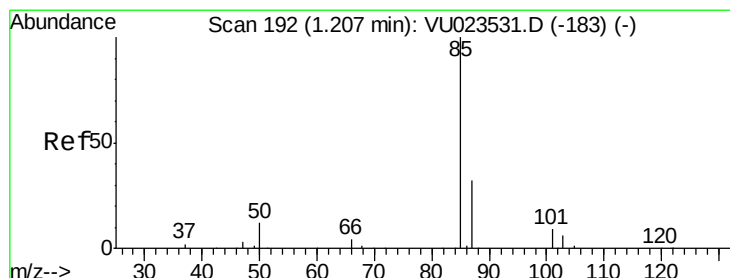
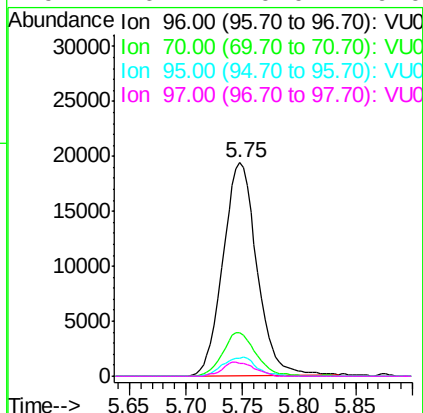
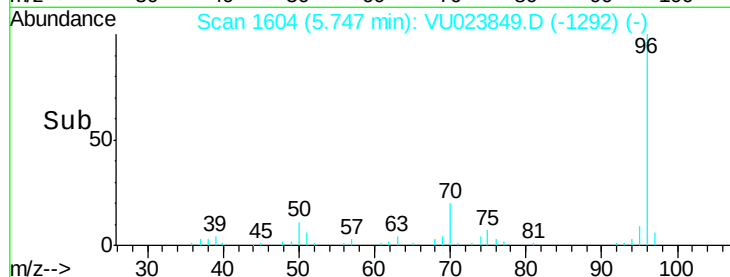
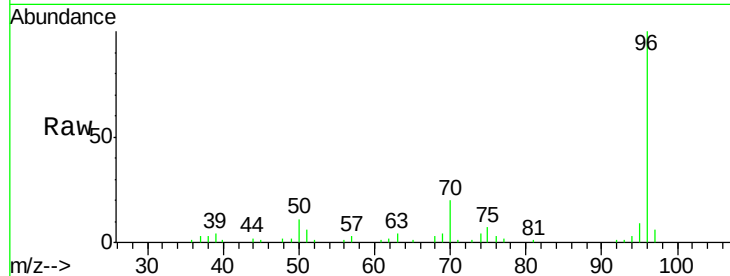
RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

Tot Ion:	96	Resp:	40332
Ion	Ratio	Lower	Upper
96	100		
70	20.2	16.2	24.4
95	8.9	6.9	10.3
97	6.2	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 2.219 ug/l

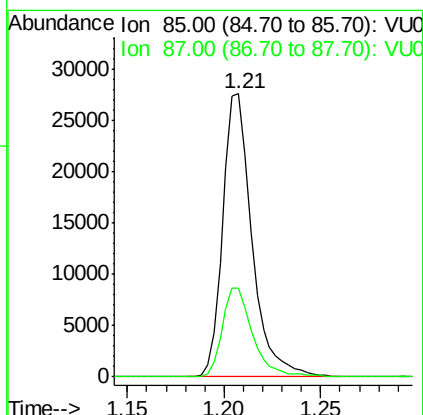
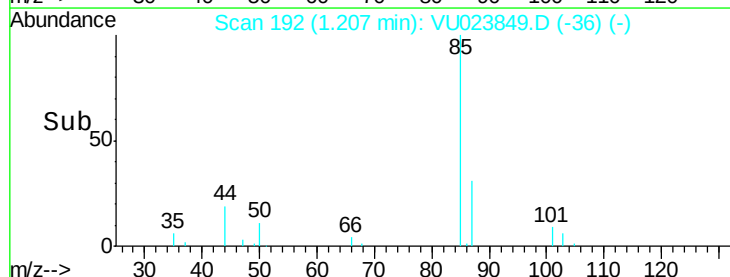
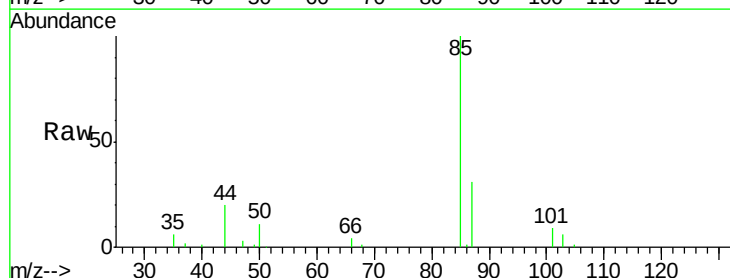
RT: 1.21 min Scan# 192

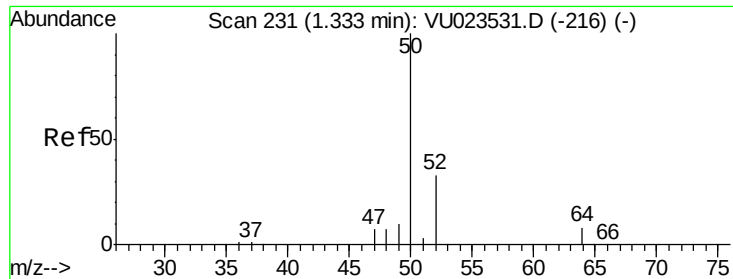
Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

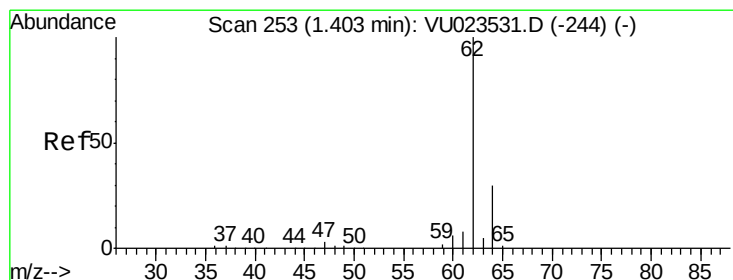
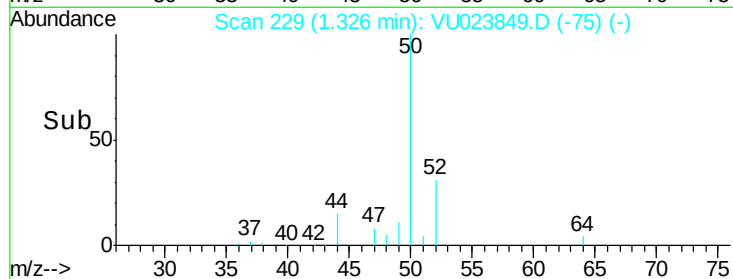
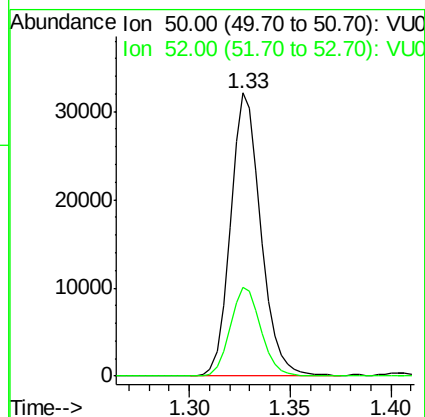
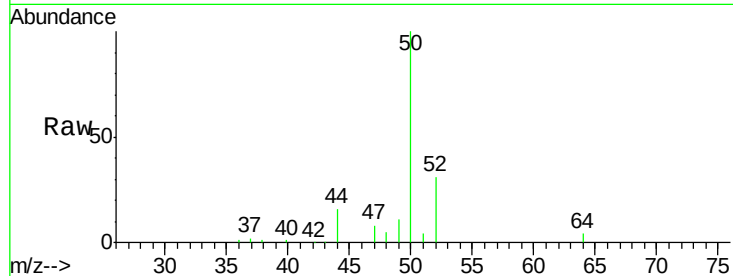
Tgt Ion:	85	Resp:	29058
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5





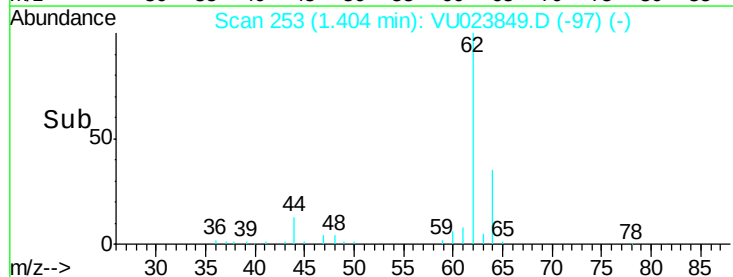
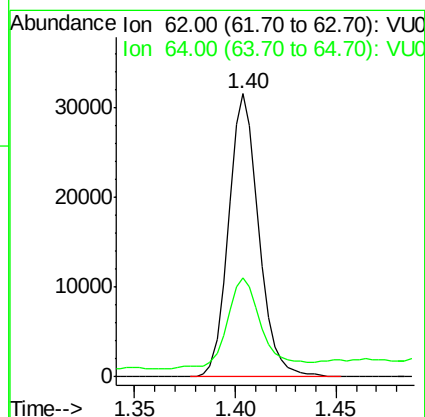
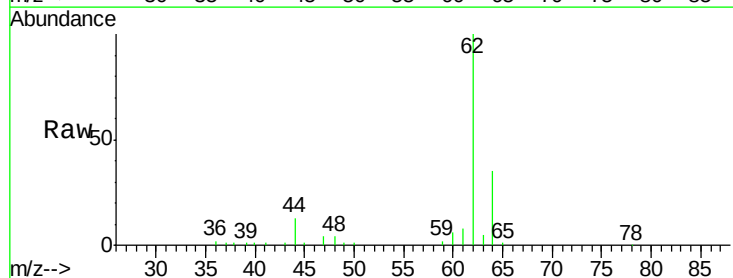
#3
Chloromethane
Concen: 2.225 ug/l
RT: 1.33 min Scan# 229
Delta R.T. -0.01 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

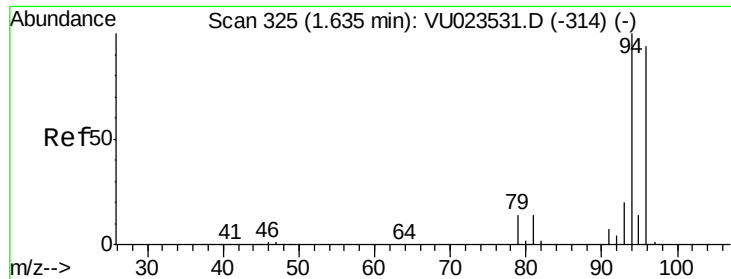
Tot Ion: 50 Resp: 33761
Ion Ratio Lower Upper
50 100
52 31.4 26.0 39.0



#4
Vinyl Chloride
Concen: 2.263 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 62 Resp: 32946
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.8





#5

Bromomethane

Concen: 2.089 ug/l

RT: 1.63 min Scan# 324

Delta R.T. -0.00 min

Lab File: VU023849.D

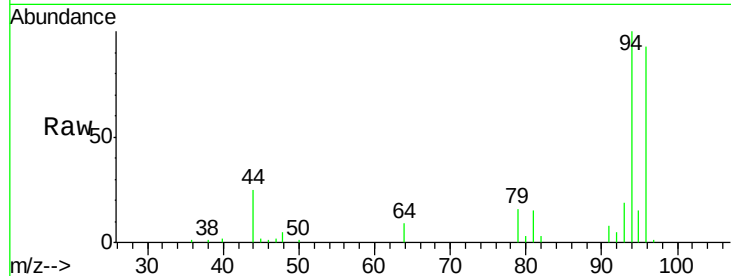
Acq: 14 May 2018 12:12

Tot Ion: 94 Resp: 16256

Ion Ratio Lower Upper

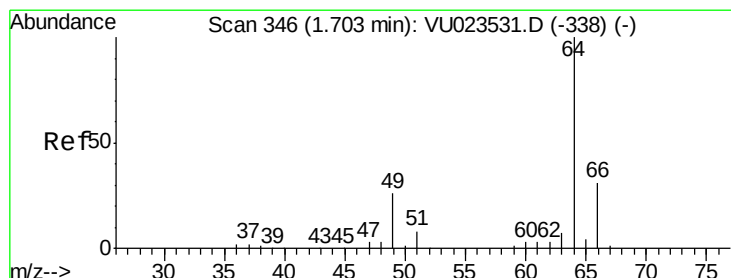
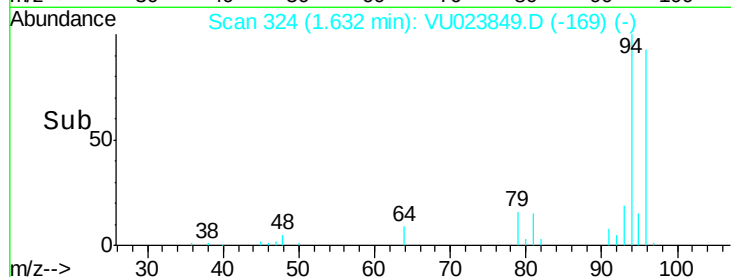
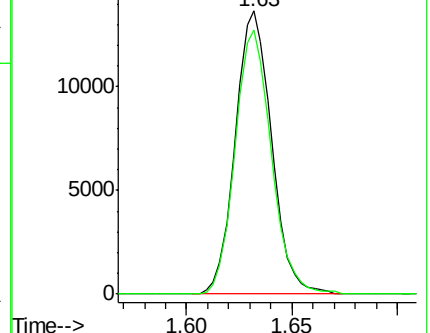
94 100

96 93.2 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: 2.445 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU023849.D

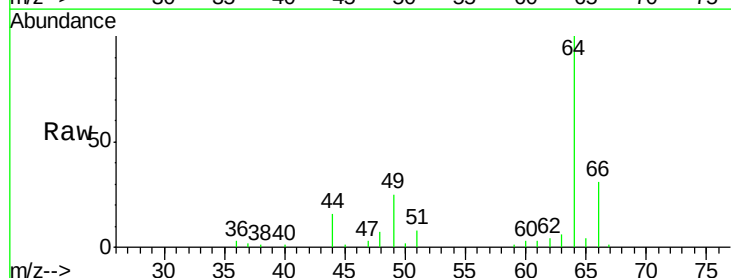
Acq: 14 May 2018 12:12

Tgt Ion: 64 Resp: 19813

Ion Ratio Lower Upper

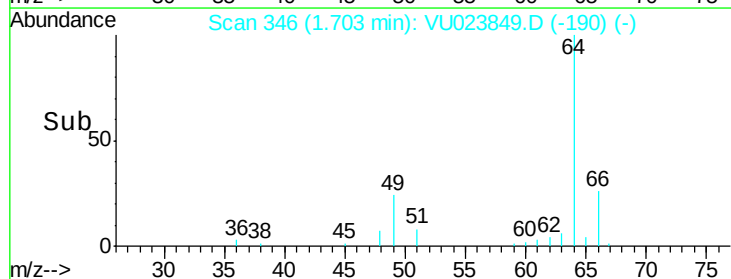
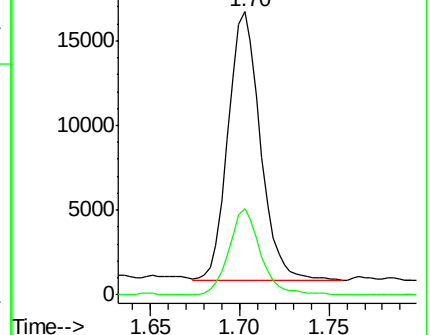
64 100

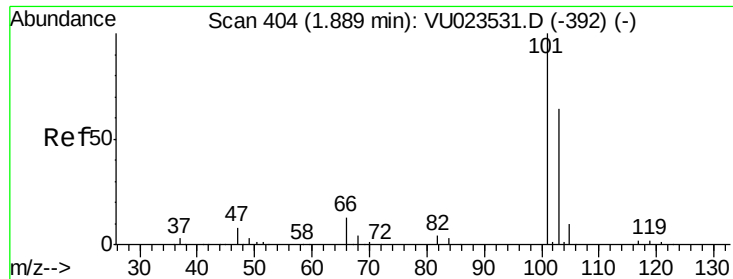
66 32.3 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 2.413 ug/l

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU023849.D

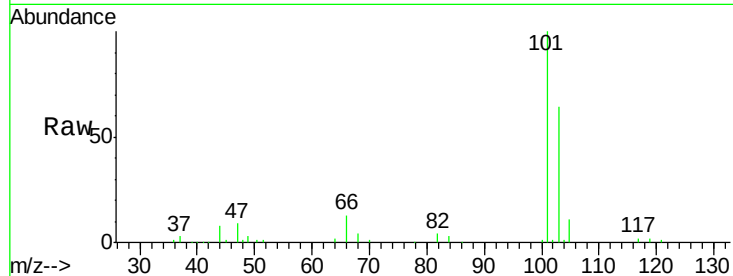
Acq: 14 May 2018 12:12

Tot Ion:101 Resp: 40314

Ion Ratio Lower Upper

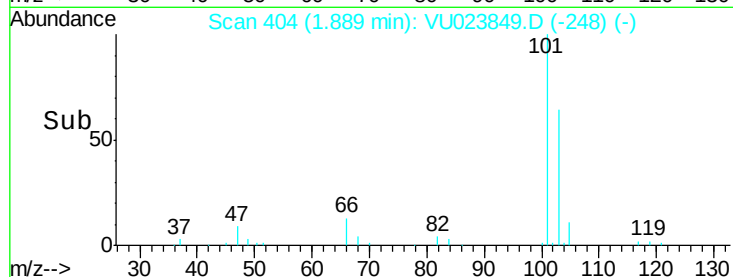
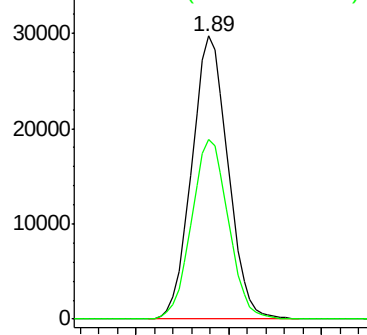
101 100

103 63.7 51.4 77.0

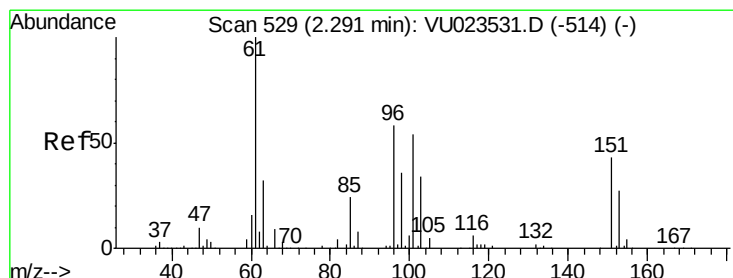


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#8

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

Concen: 2.333 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

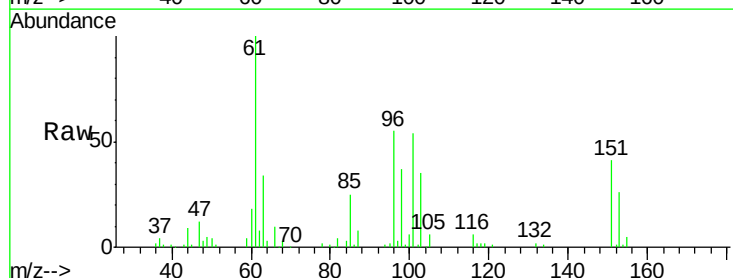
Tgt Ion:101 Resp: 23949

Ion Ratio Lower Upper

101 100

85 45.3 35.2 52.8

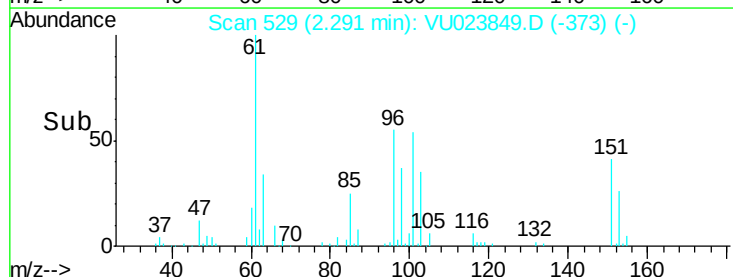
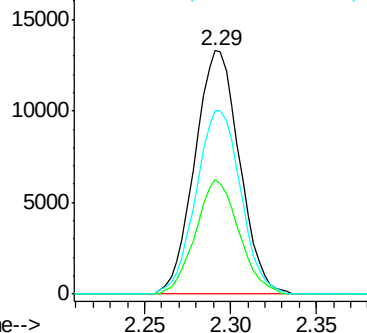
151 75.3 63.5 95.3



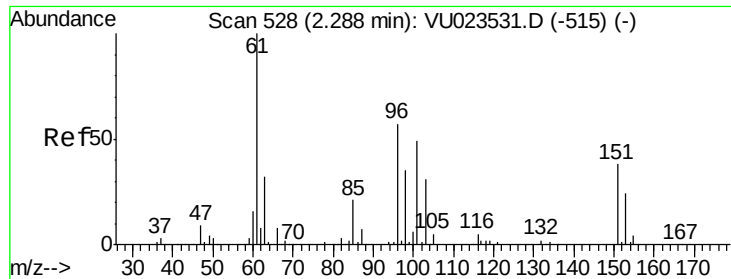
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#9

1,1-Dichloroethene

Concen: 2.249 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

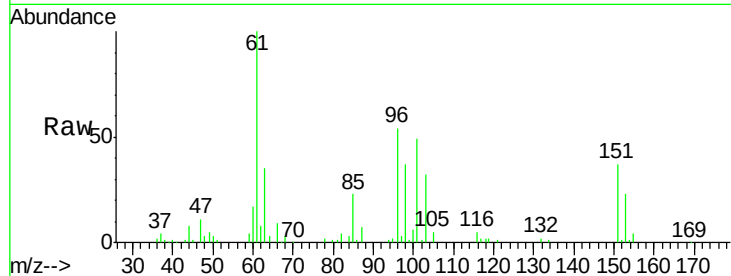
Tot Ion: 96 Resp: 21438

Ion Ratio Lower Upper

96 100

61 183.7 0.0 526.5

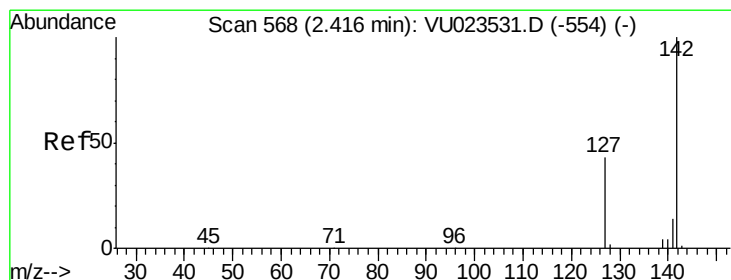
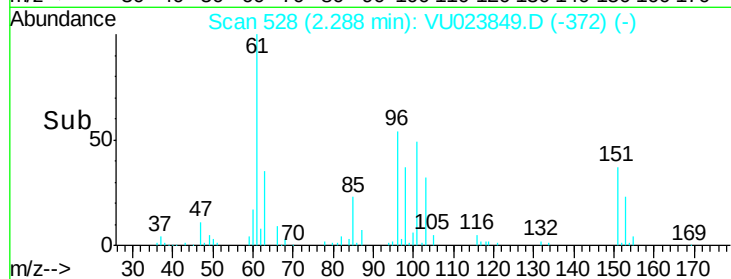
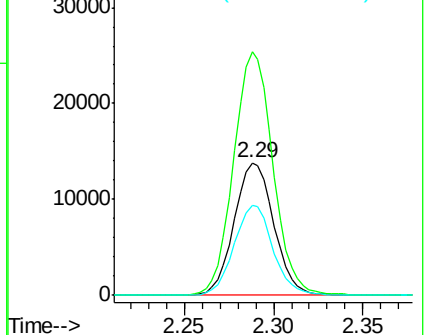
98 67.6 0.0 123.4



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: 1.107 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU023849.D

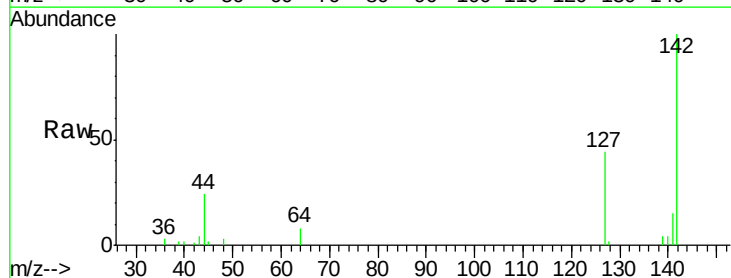
Acq: 14 May 2018 12:12

Tgt Ion: 142 Resp: 12546

Ion Ratio Lower Upper

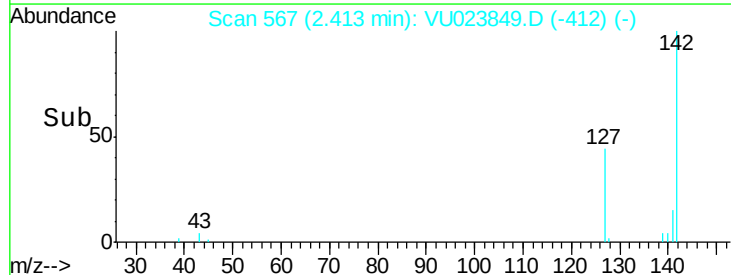
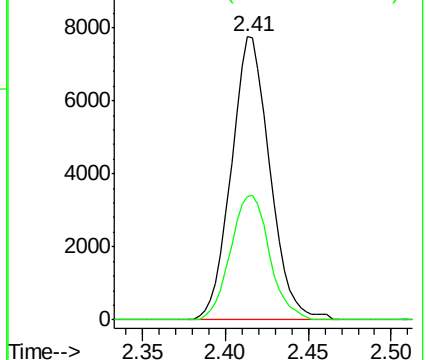
142 100

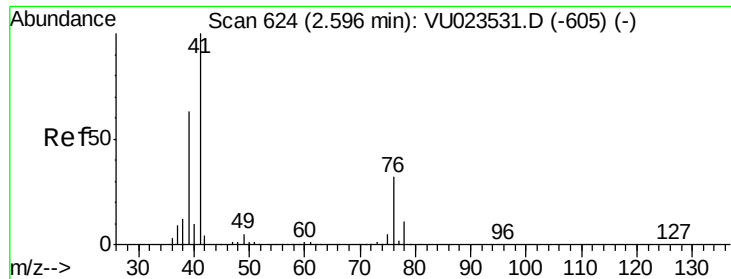
127 44.3 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): V

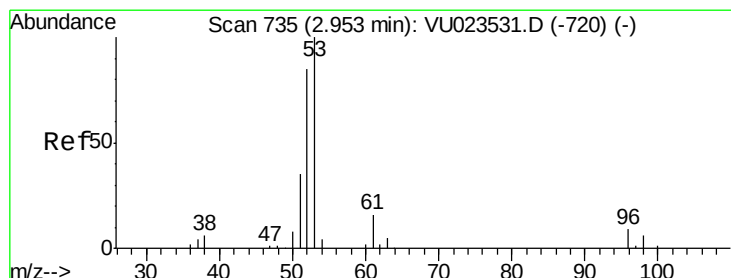
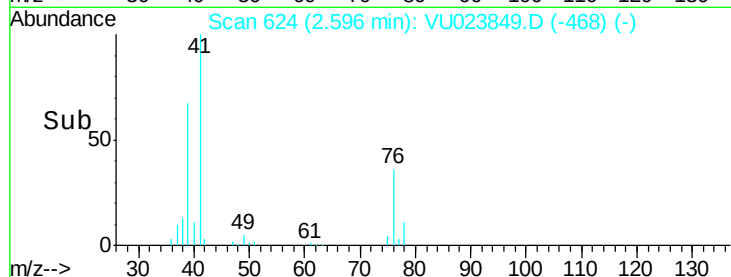
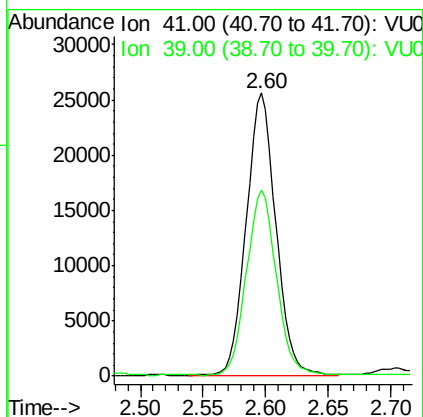
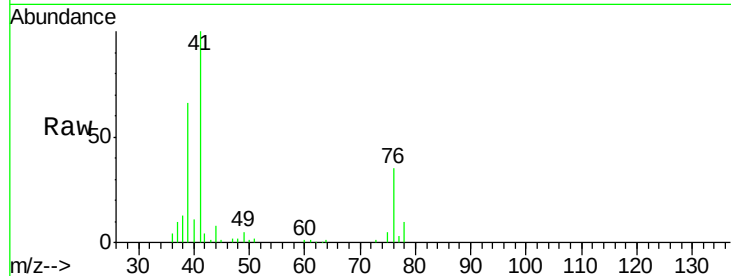
Ion 127.00 (126.70 to 127.70): V





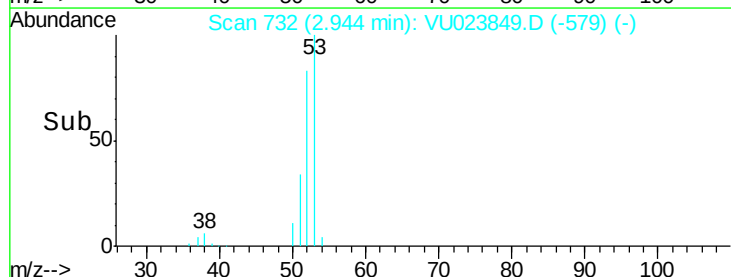
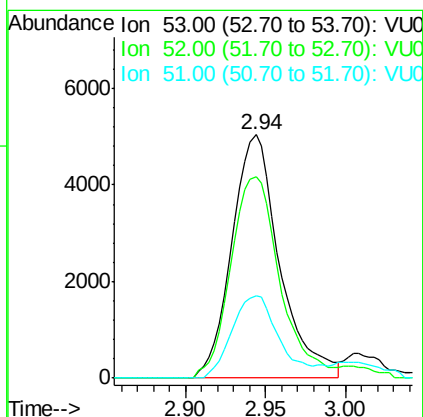
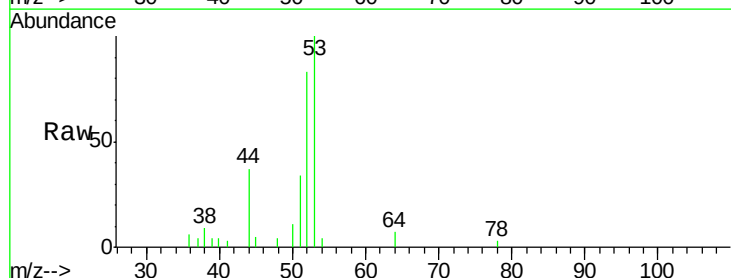
#11
Allvl Chloride
Concen: 2.428 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

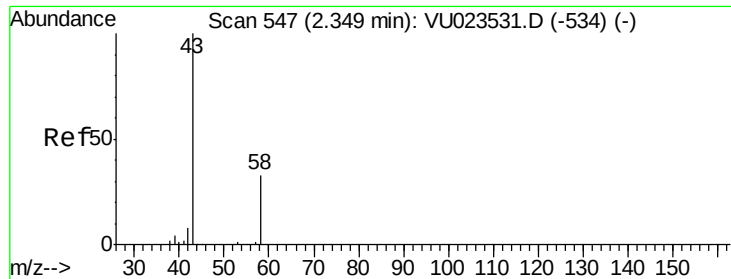
Tot Ion: 41 Resp: 42533
Ion Ratio Lower Upper
41 100
39 67.1 51.4 77.2



#12
Acrylonitrile
Concen: 5.229 ug/l
RT: 2.94 min Scan# 732
Delta R.T. -0.01 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 53 Resp: 10284
Ion Ratio Lower Upper
53 100
52 84.7 65.1 97.7
51 33.0 30.2 45.4





#13

Acetone

Concen: 29.689 ug/l

RT: 2.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: VU023849.D

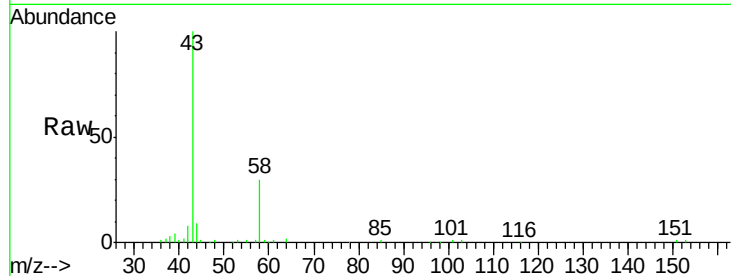
Acq: 14 May 2018 12:12

Tot Ion: 43 Resp: 49556

Ion Ratio Lower Upper

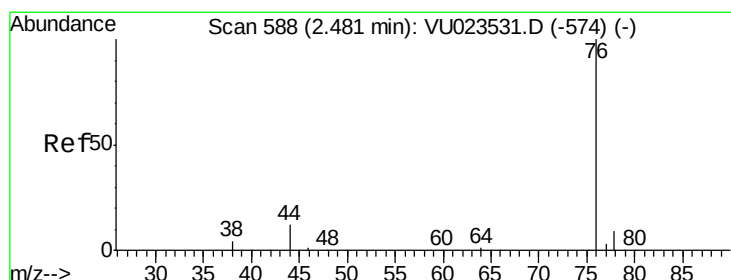
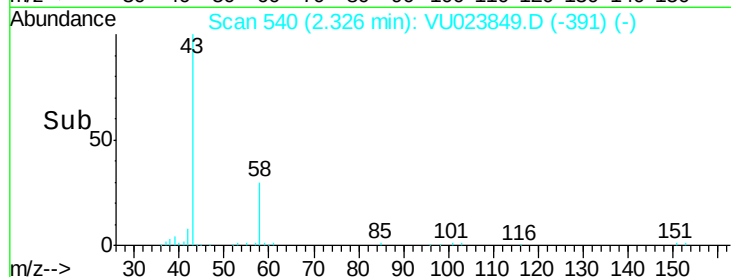
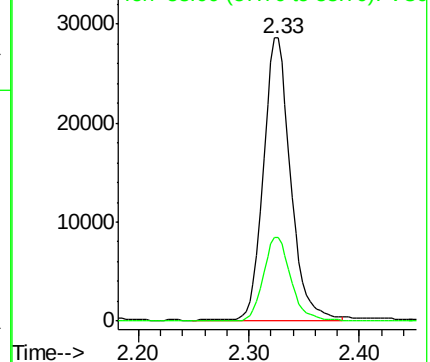
43 100

58 29.6 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: 2.355 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU023849.D

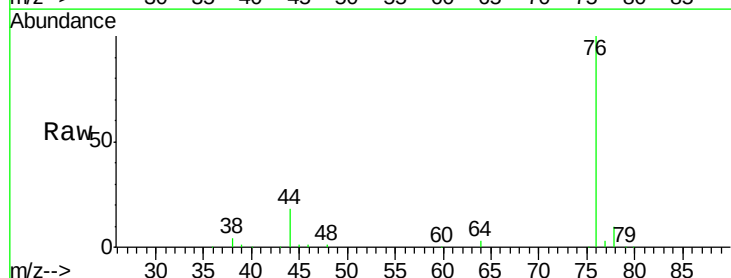
Acq: 14 May 2018 12:12

Tgt Ion: 76 Resp: 73832

Ion Ratio Lower Upper

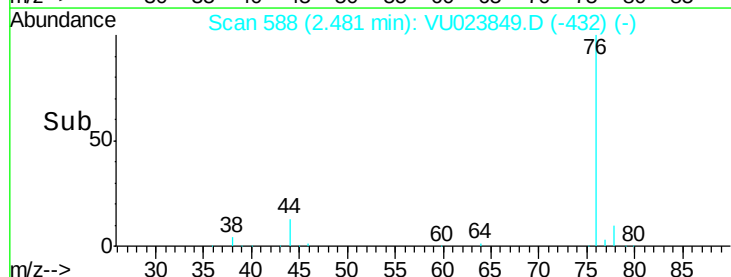
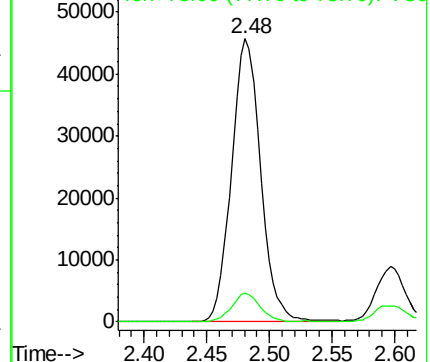
76 100

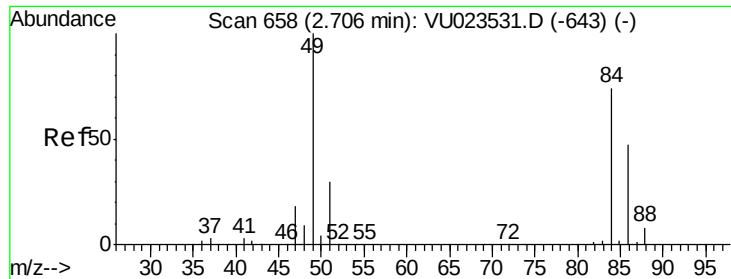
78 10.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

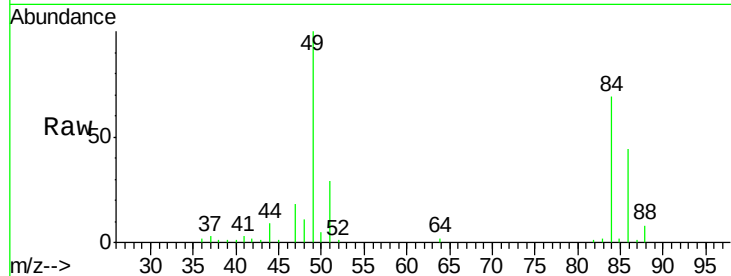
Ion 78.00 (77.70 to 78.70): VU0



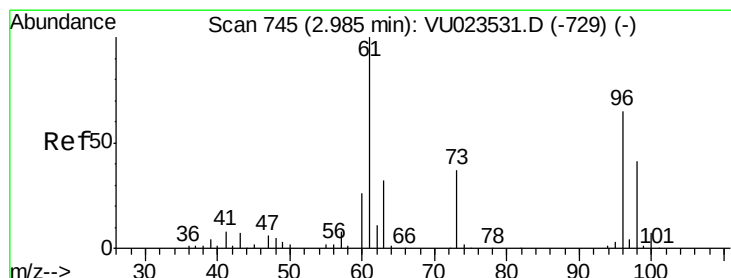
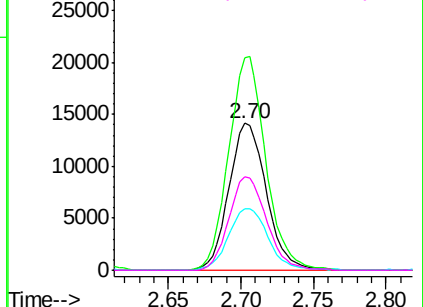
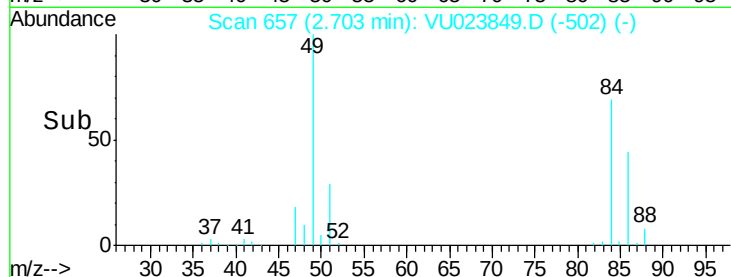


#15
Methylene Chloride
Concen: 2.339 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion: 84 Resp: 25385
Ion Ratio Lower Upper
84 100
49 144.9 108.7 163.1
51 42.1 0.0 82.4
86 64.1 50.7 76.1

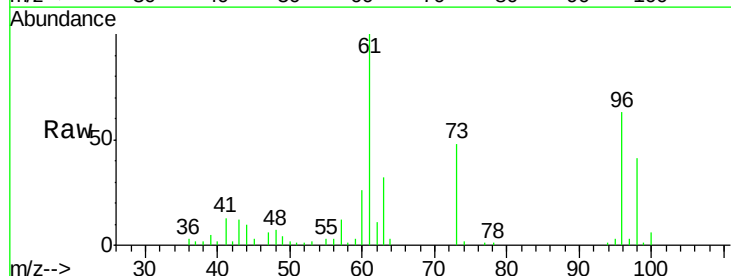


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

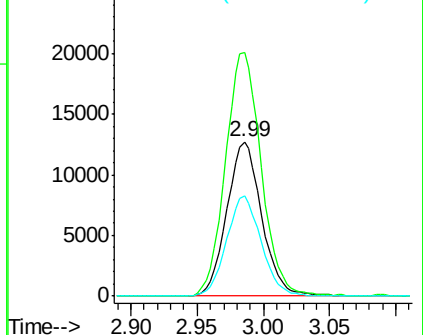
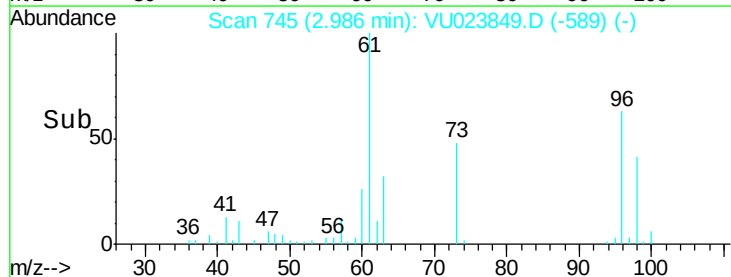


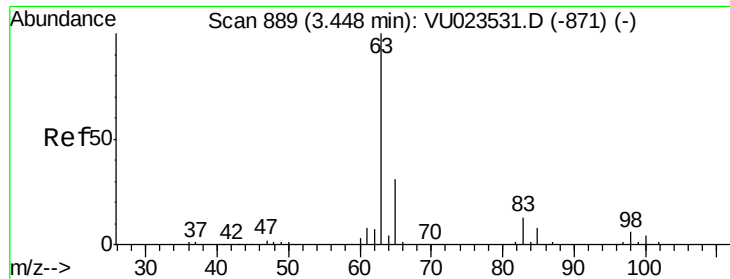
#16
trans-1,2-Dichloroethene
Concen: 2.281 ug/l
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 96 Resp: 23294
Ion Ratio Lower Upper
96 100
61 157.8 123.9 185.9
98 65.0 50.6 76.0



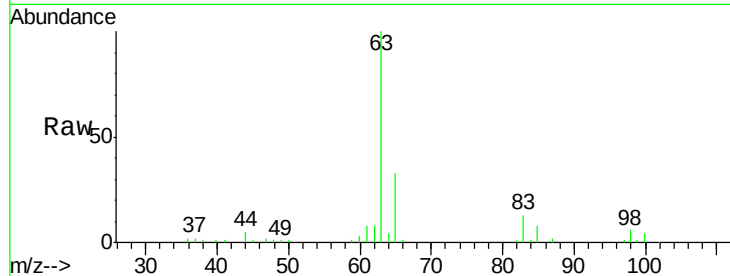
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



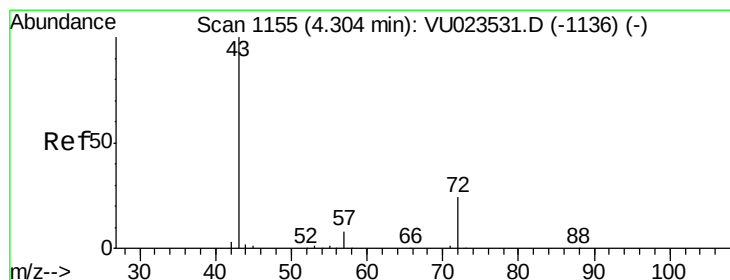
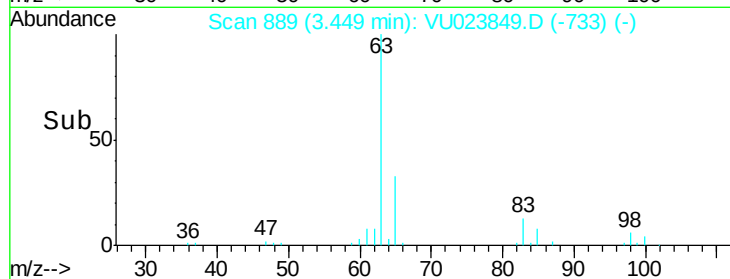
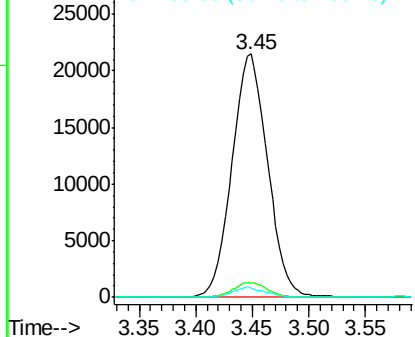


#17
 1,1-Dichloroethane
 Concen: 2.345 ug/l
 RT: 3.45 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.9	8.8
100	4.1	2.0	5.8

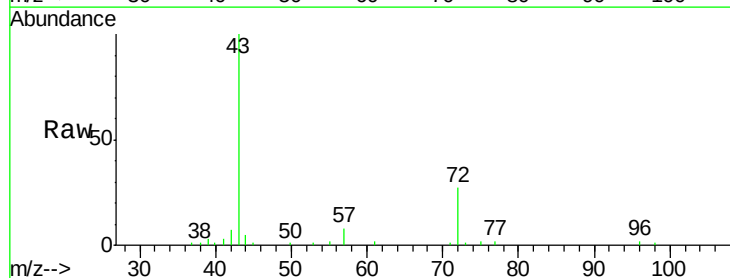


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

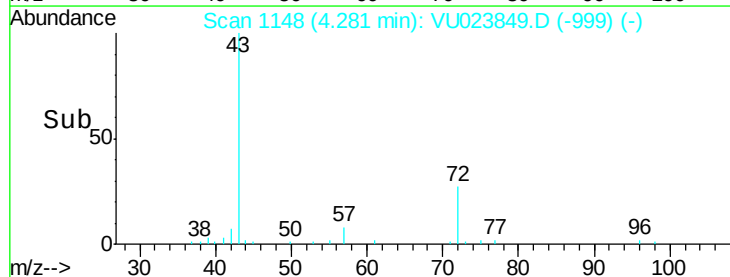
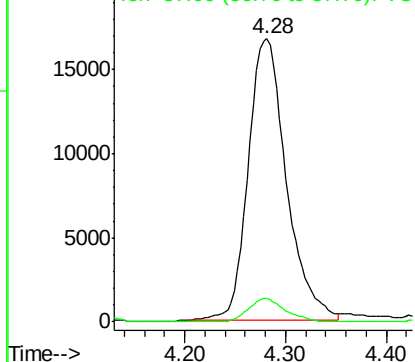


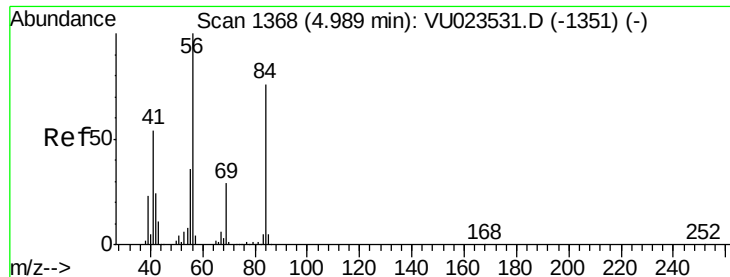
#18
 2-Butanone
 Concen: 16.279 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	0.0	15.8



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





#19

Cyclohexane

Concen: 1.746 ug/l

RT: 5.00 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

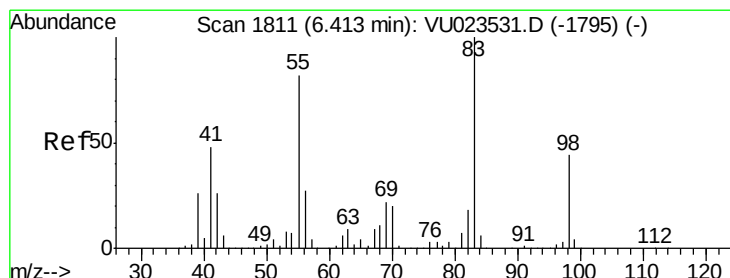
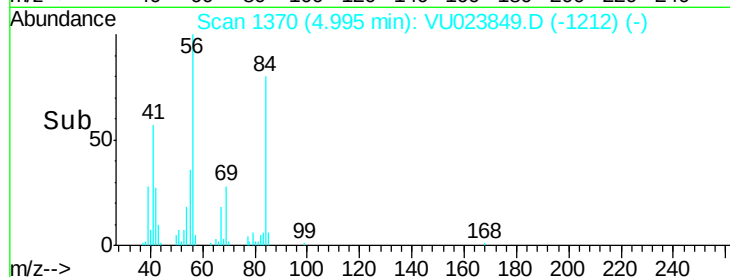
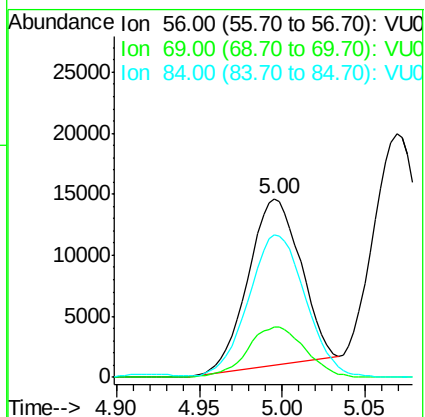
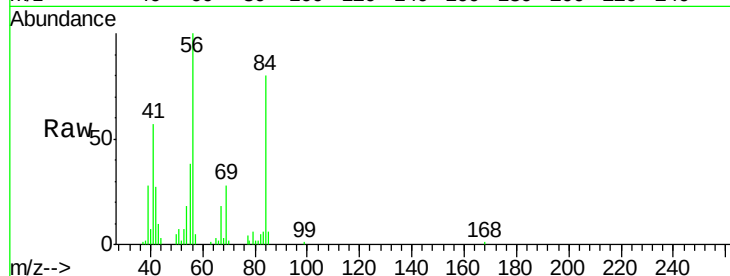
Tot Ion: 56 Resp: 30344

Ion Ratio Lower Upper

56 100

69 33.2 26.0 39.0

84 91.4 68.3 102.5



#20

Methylcyclohexane

Concen: 1.852 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

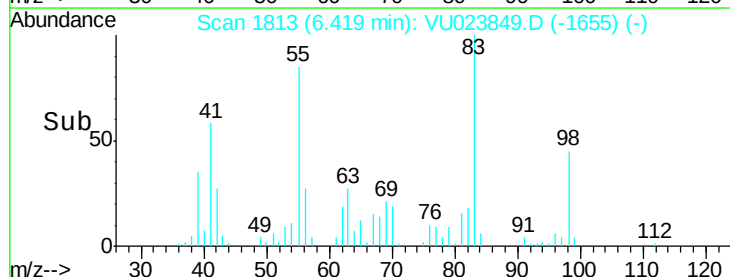
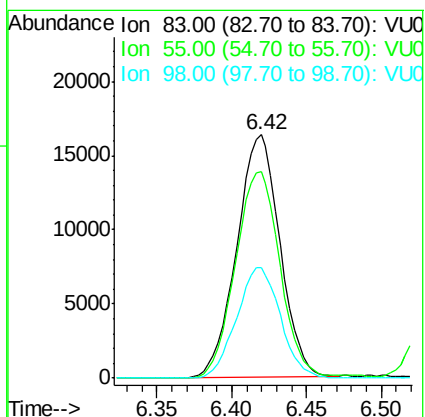
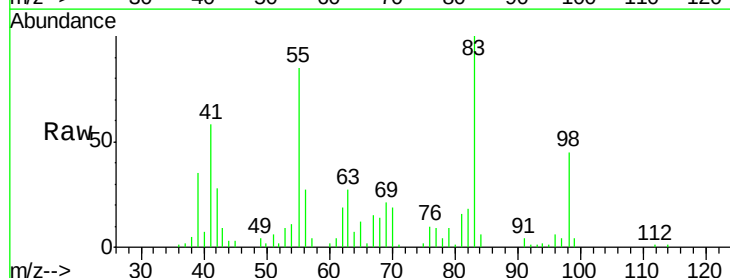
Tgt Ion: 83 Resp: 32833

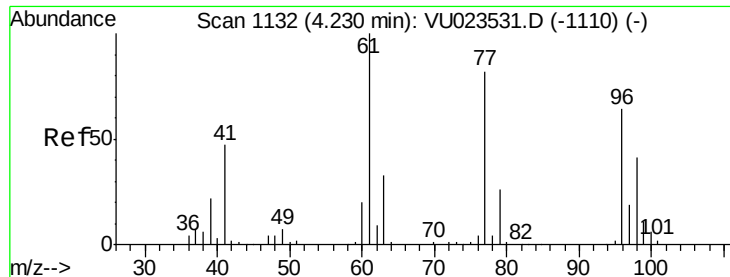
Ion Ratio Lower Upper

83 100

55 86.7 66.4 99.6

98 46.1 35.4 53.2





#21

2,2-Dichloropropane

Concen: 2.080 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023849.D

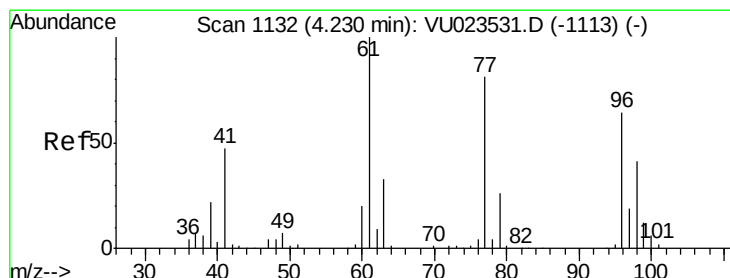
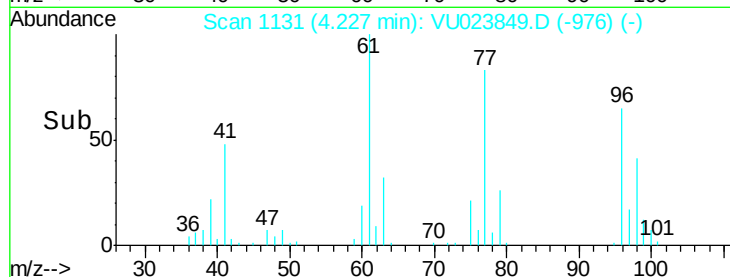
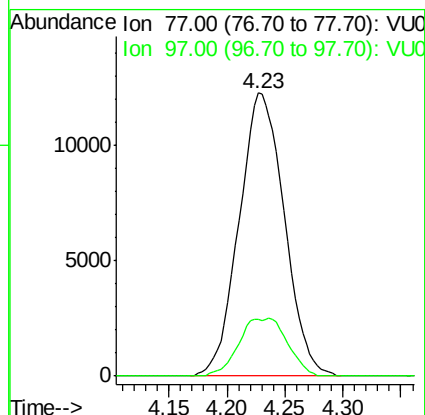
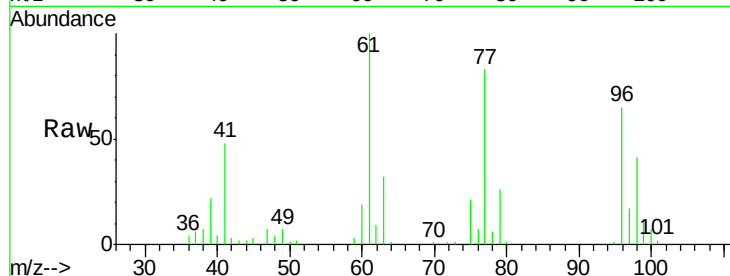
Acq: 14 May 2018 12:12

Tot Ion: 77 Resp: 33172

Ion Ratio Lower Upper

77 100

97 11.0 17.9 26.9#



#22

cis-1,2-Dichloroethene

Concen: 2.155 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

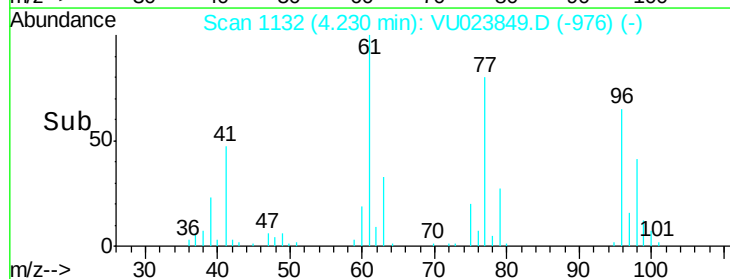
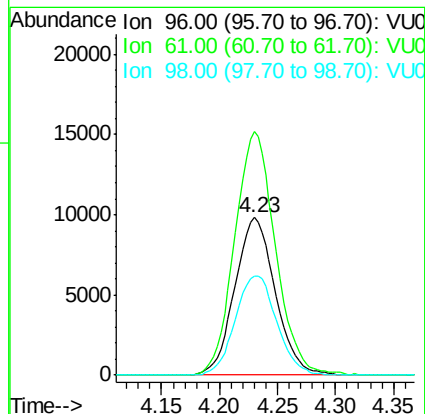
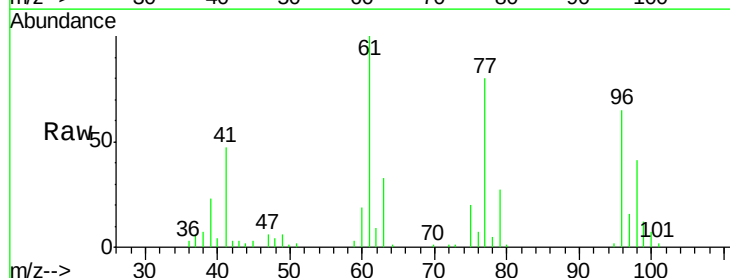
Tgt Ion: 96 Resp: 23816

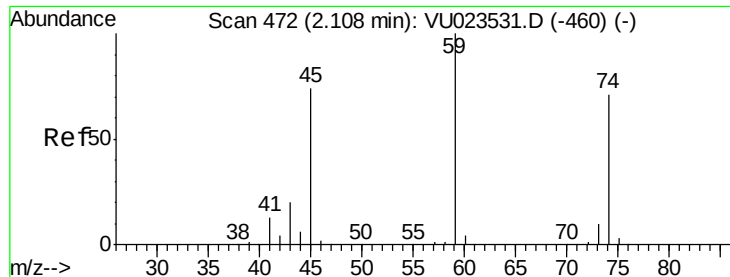
Ion Ratio Lower Upper

96 100

61 155.6 0.0 400.5

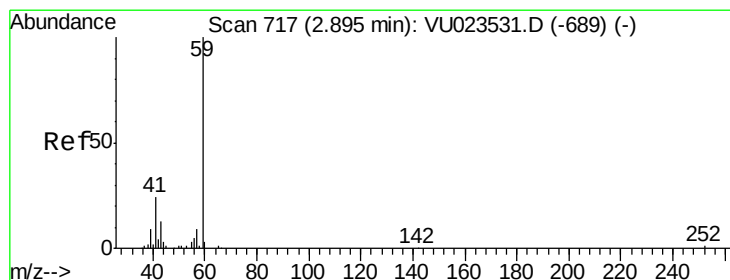
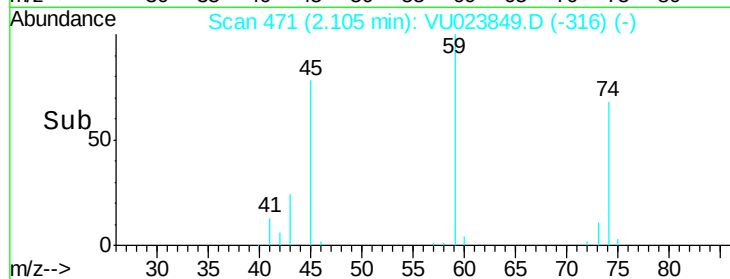
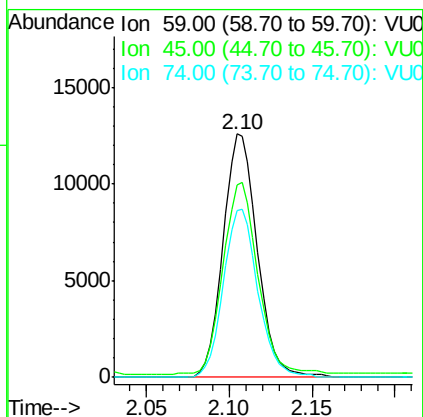
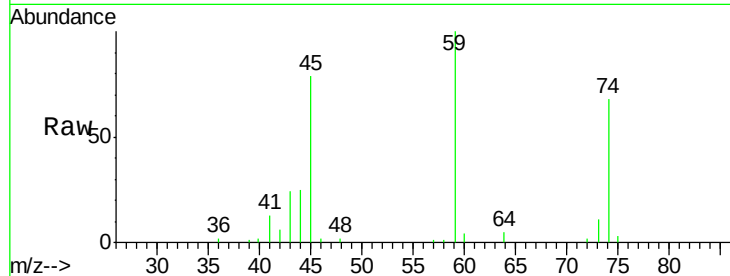
98 64.5 32.2 96.6





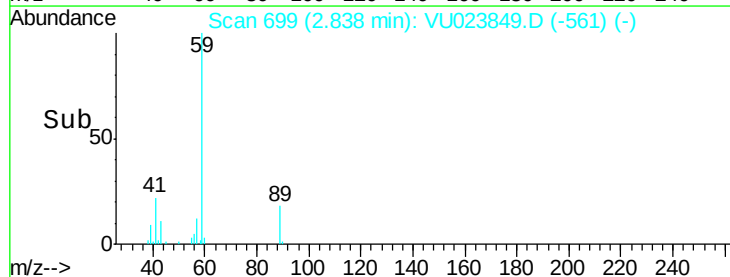
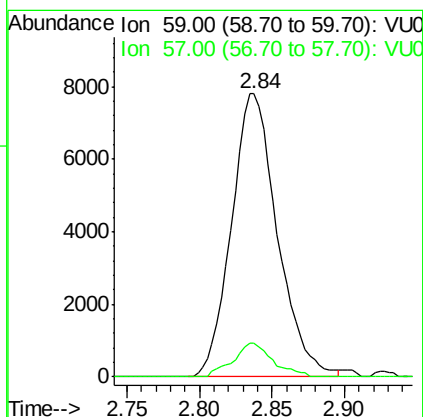
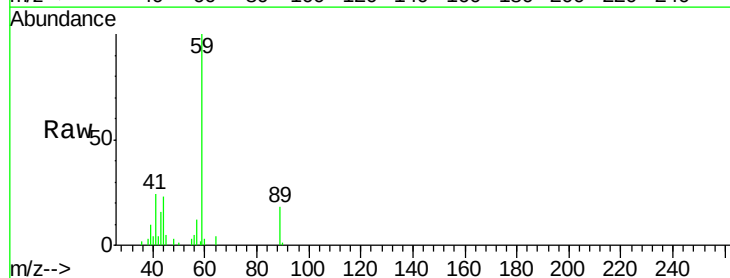
#23
Diethyl Ether
Concen: 2.312 ug/l
RT: 2.10 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

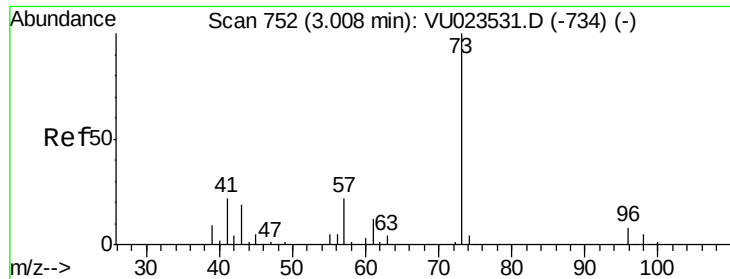
Tot Ion: 59 Resp: 18016
Ion Ratio Lower Upper
59 100
45 79.4 60.0 90.0
74 69.7 56.5 84.7



#24
tert-Butyl Alcohol
Concen: 29.213 ug/l
RT: 2.84 min Scan# 699
Delta R.T. -0.06 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 59 Resp: 17163
Ion Ratio Lower Upper
59 100
57 10.3 3.4 5.2#

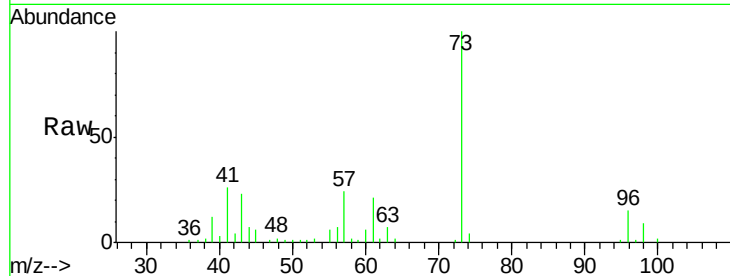




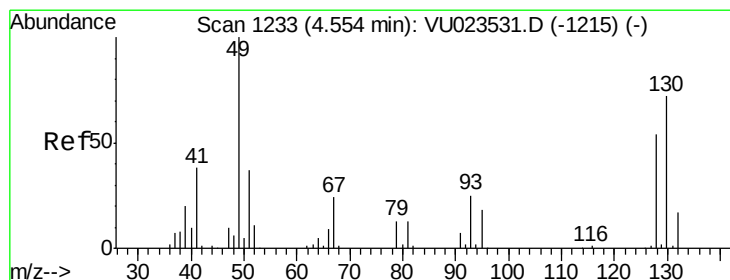
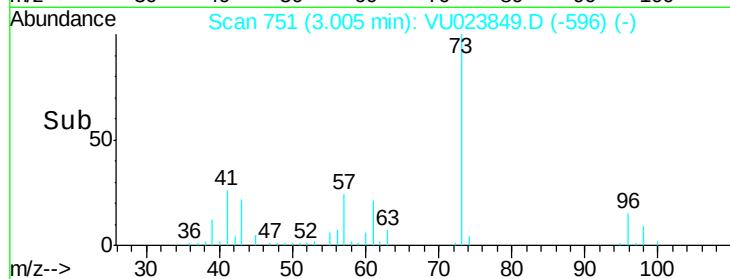
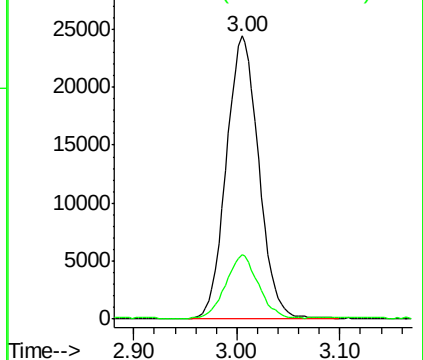
#25

Methyl tert-Butyl Ether
 Concen: 2.238 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion: 73 Resp: 53604
 Ion Ratio Lower Upper
 73 100
 43 23.4 16.2 24.2



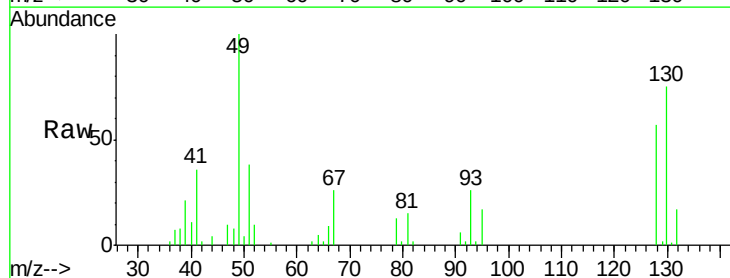
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0



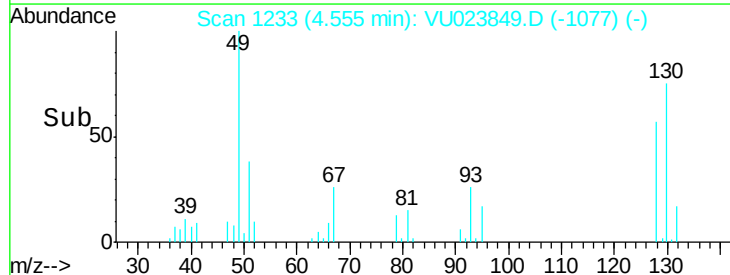
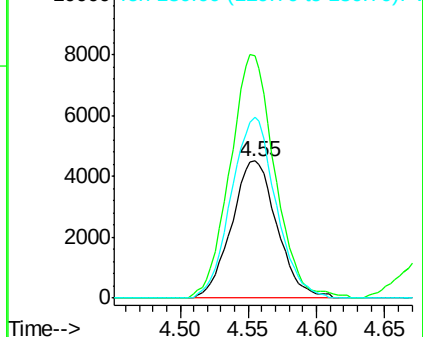
#26

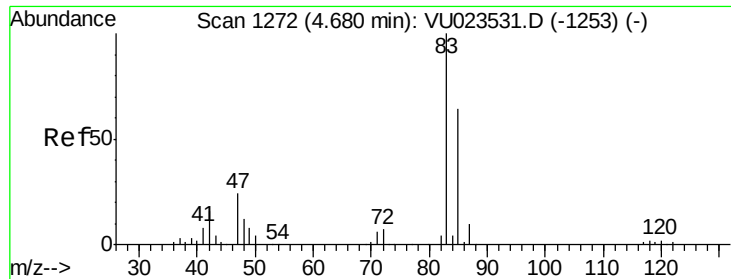
Bromochloromethane
 Concen: 2.385 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion: 128 Resp: 10414
 Ion Ratio Lower Upper
 128 100
 49 175.1 0.0 375.2
 130 130.2 105.8 158.6



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





#27

Chloroform

Concen: 2.263 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU023849.D

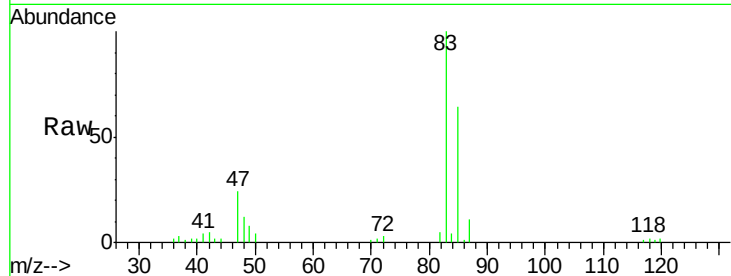
Acq: 14 May 2018 12:12

Tot Ion: 83 Resp: 42855

Ion Ratio Lower Upper

83 100

85 64.2 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

20000

15000

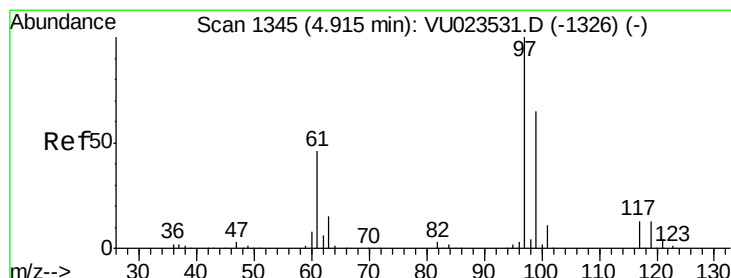
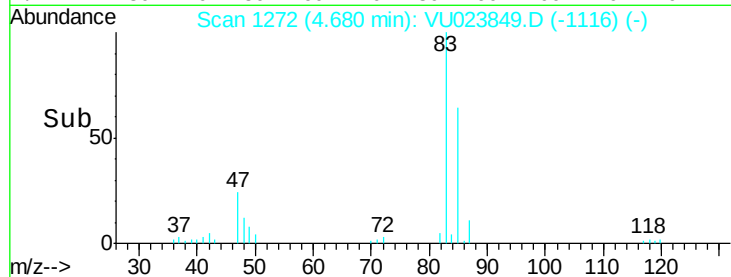
10000

5000

0

4.60 4.65 4.70 4.75

Time-->



#28

1,1,1-Trichloroethane

Concen: 2.164 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

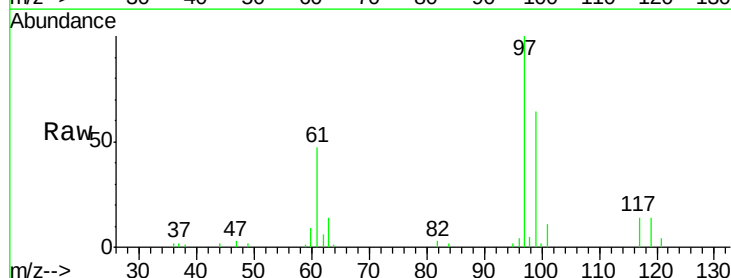
Tgt Ion: 97 Resp: 33629

Ion Ratio Lower Upper

97 100

99 66.1 32.3 96.9

61 47.0 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

15000

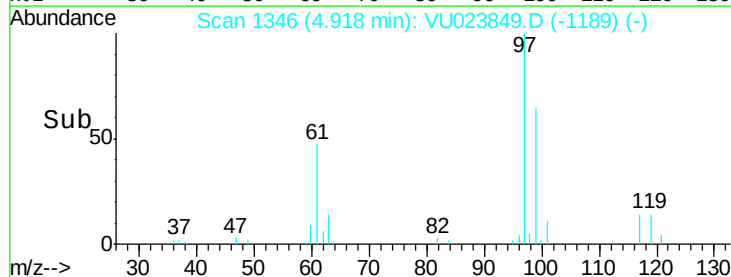
10000

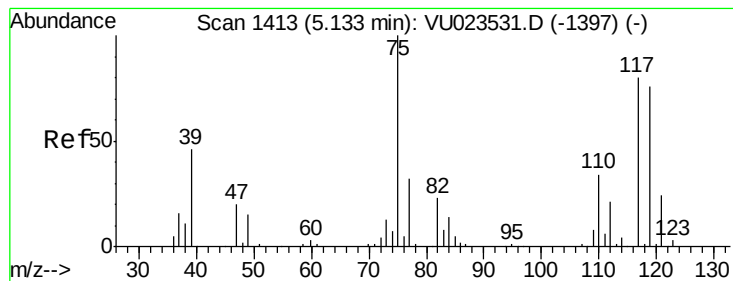
5000

0

4.85 4.90 4.95 5.00

Time-->





#29

1,1-Dichloropropene

Concen: 2.063 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

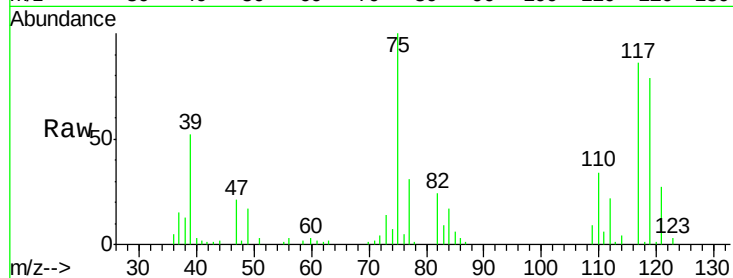
Tot Ion: 75 Resp: 31449

Ion Ratio Lower Upper

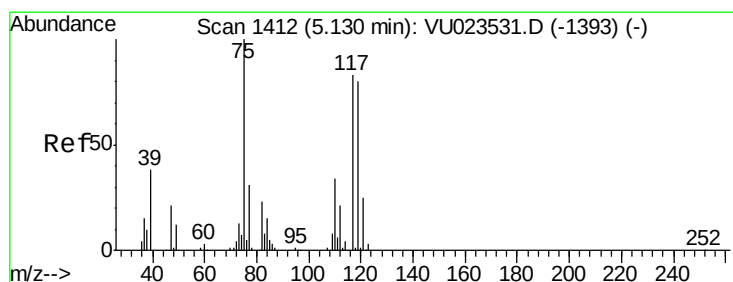
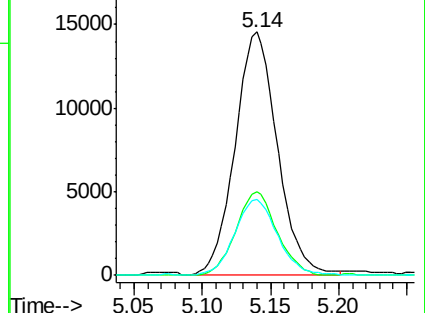
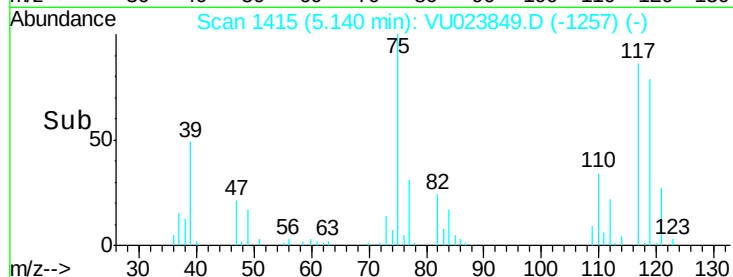
75 100

110 33.2 16.9 50.7

77 31.6 24.8 37.2



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



#30

Carbon Tetrachloride

Concen: 2.170 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

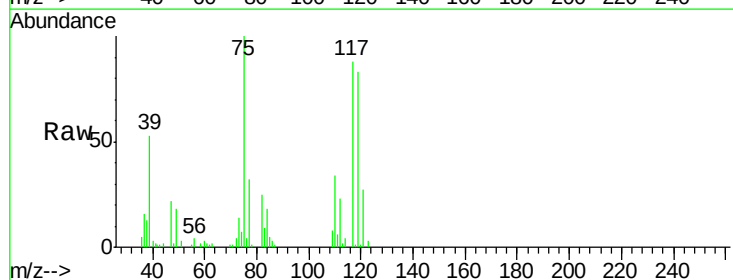
Tgt Ion: 117 Resp: 28361

Ion Ratio Lower Upper

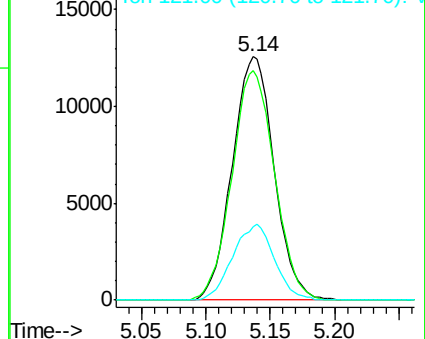
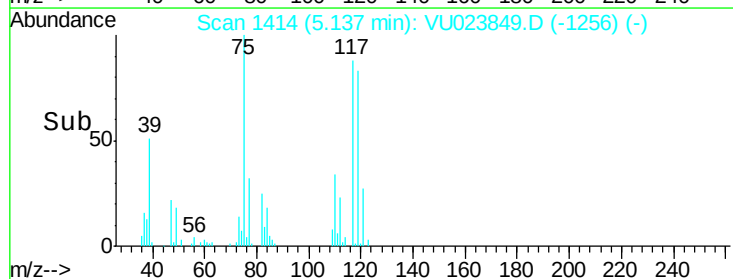
117 100

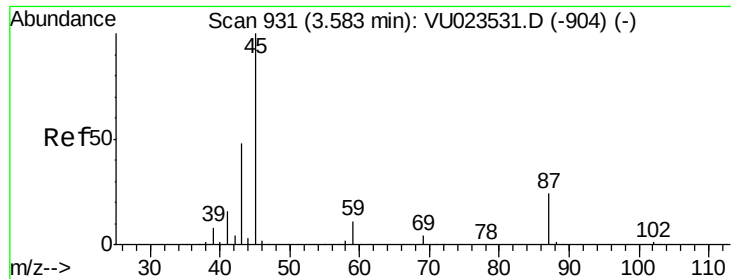
119 94.2 77.3 115.9

121 30.4 24.5 36.7



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





#31

Isopropyl Ether

Concen: 2.010 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU023849.D

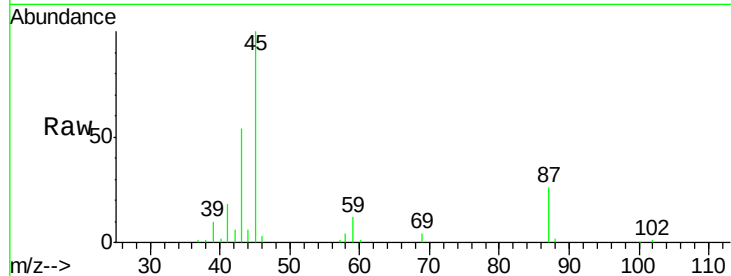
Acq: 14 May 2018 12:12

Tot Ion: 45 Resp: 68230

Ion Ratio Lower Upper

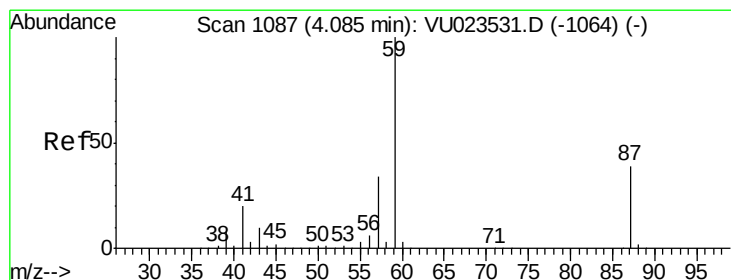
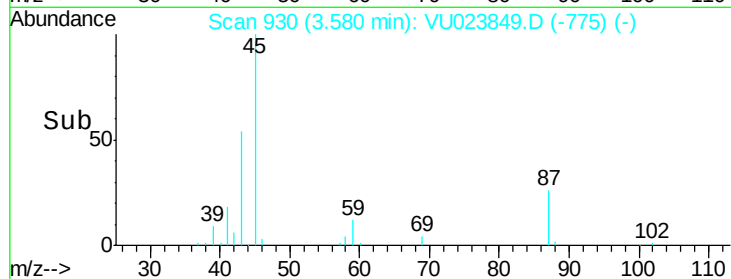
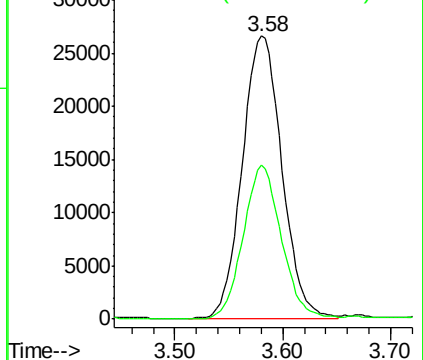
45 100

43 52.2 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: 1.871 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VU023849.D

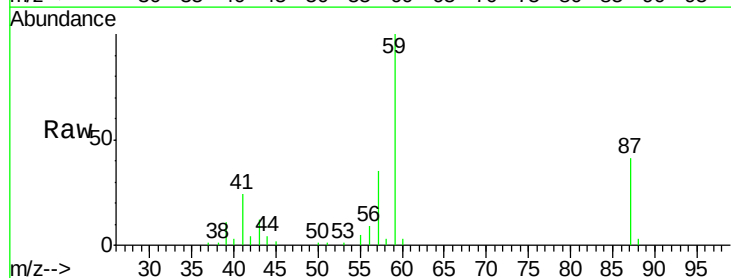
Acq: 14 May 2018 12:12

Tgt Ion: 59 Resp: 54267

Ion Ratio Lower Upper

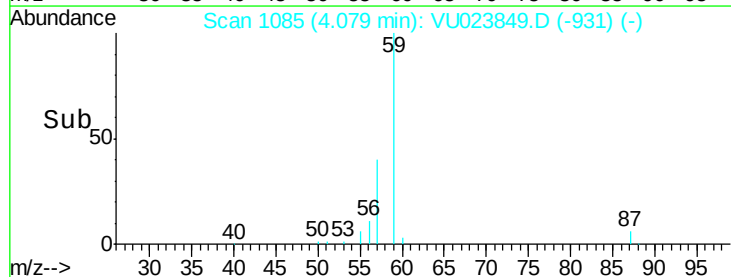
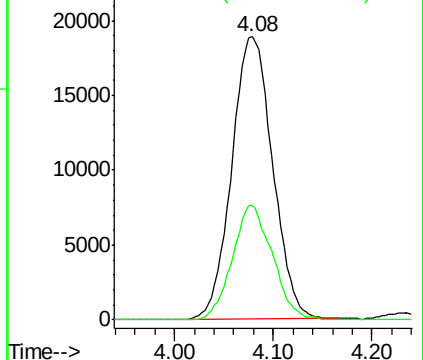
59 100

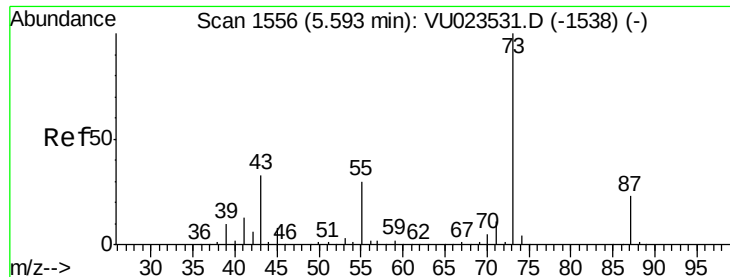
87 39.7 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

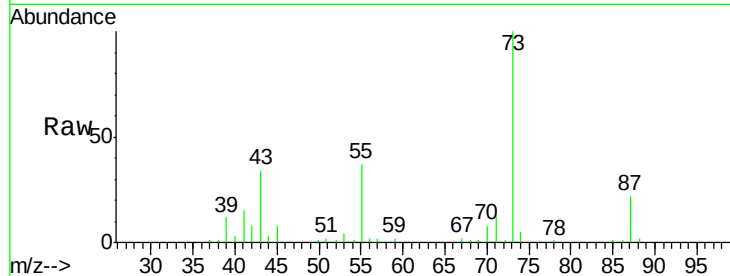




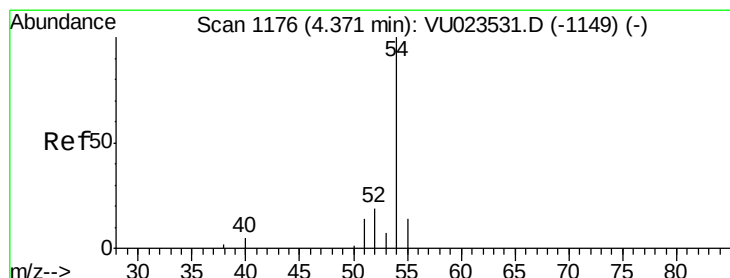
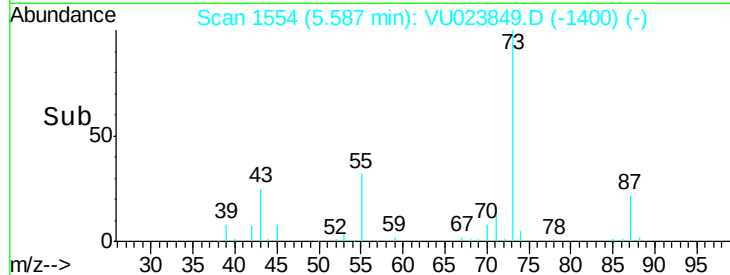
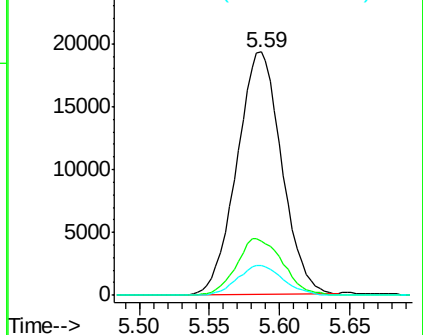
#33

Tert-Butyl methyl ether
 Concen: 1.739 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion:	73	Resp:	42709
Ion	Ratio	Lower	Upper
73	100		
87	24.1	18.6	28.0
71	12.6	9.3	13.9



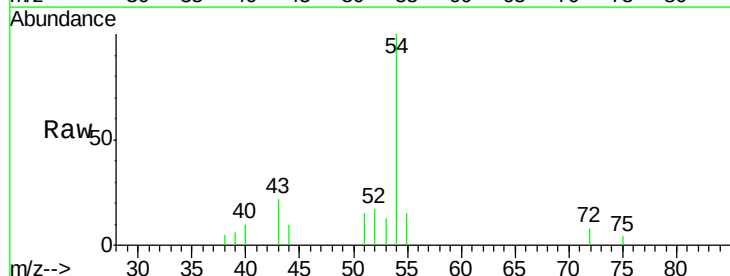
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



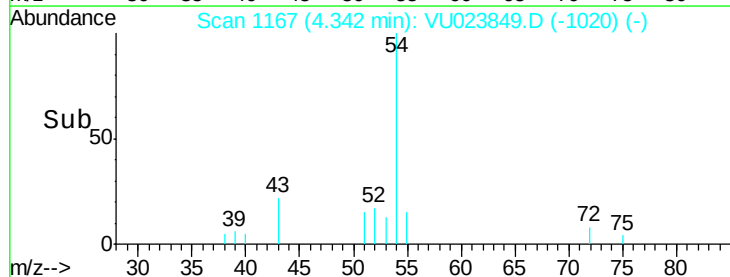
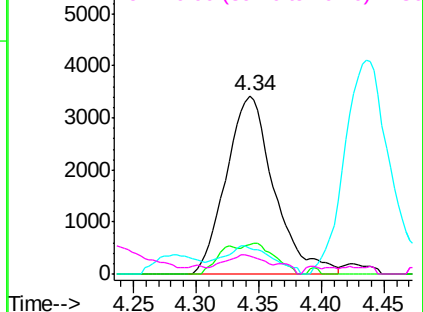
#34

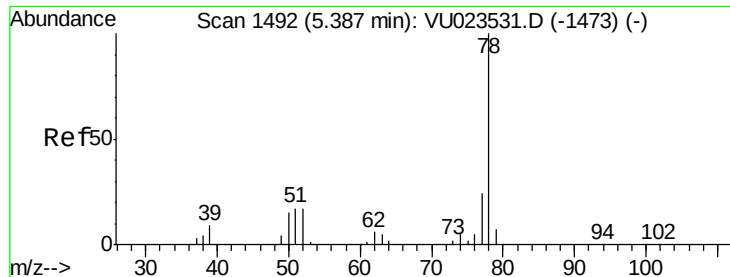
Propionitrile
 Concen: 11.813 ug/l
 RT: 4.34 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion:	54	Resp:	9072
Ion	Ratio	Lower	Upper
54	100		
52	6.9	13.7	20.5#
55	16.0	10.2	15.2#
40	5.1	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: 1.999 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VU023849.D

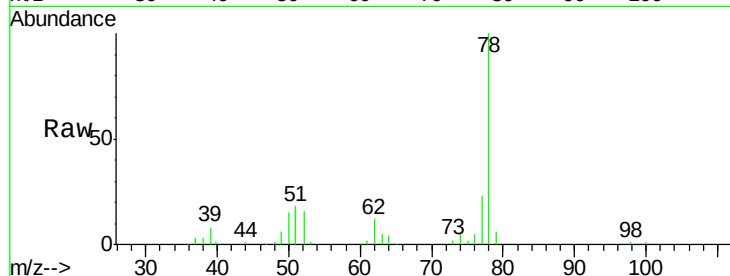
Acq: 14 May 2018 12:12

Tot Ion: 78 Resp: 90589

Ion Ratio Lower Upper

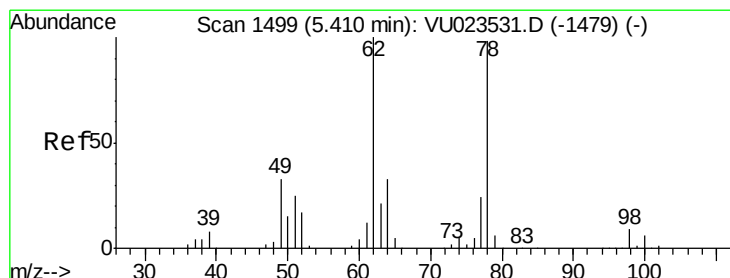
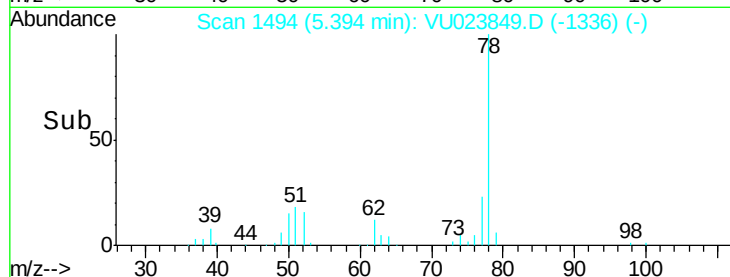
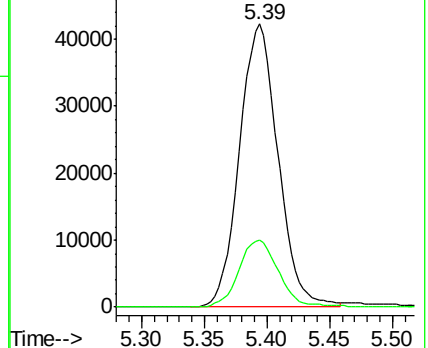
78 100

77 23.5 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: 1.956 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU023849.D

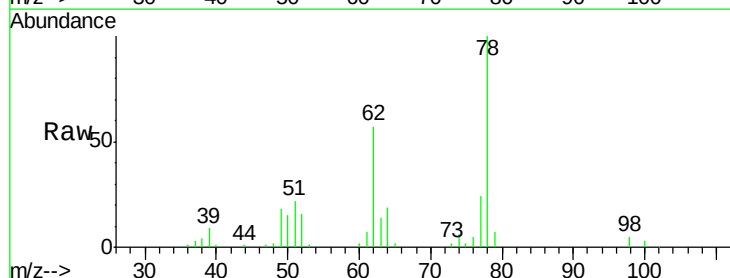
Acq: 14 May 2018 12:12

Tgt Ion: 62 Resp: 25065

Ion Ratio Lower Upper

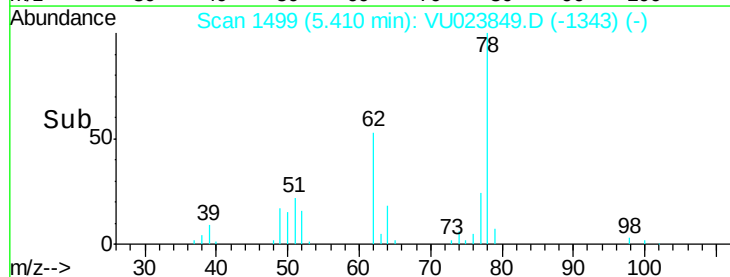
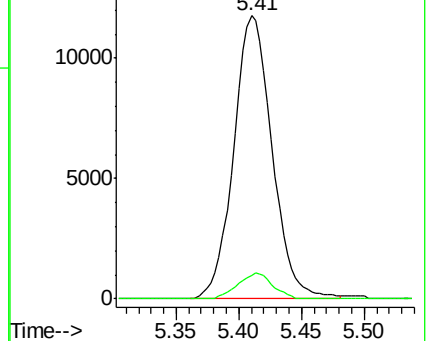
62 100

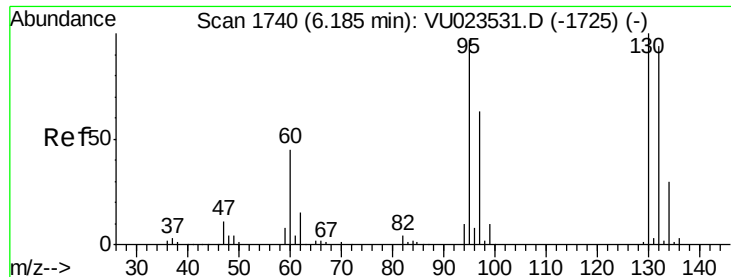
98 8.2 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

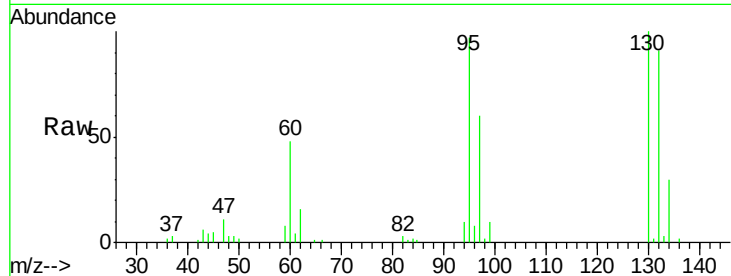
Ion 98.00 (97.70 to 98.70): VU0



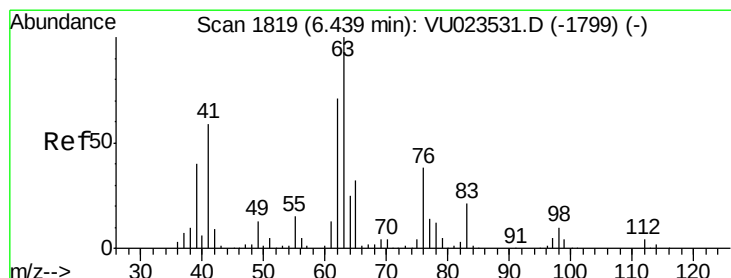
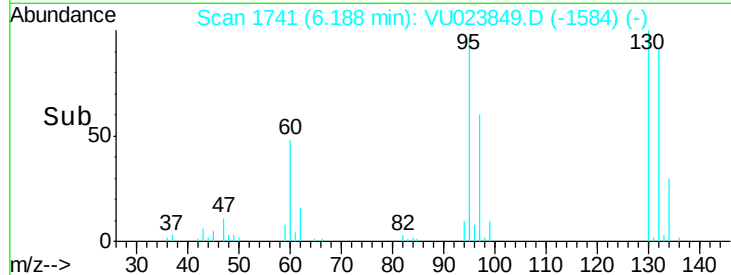
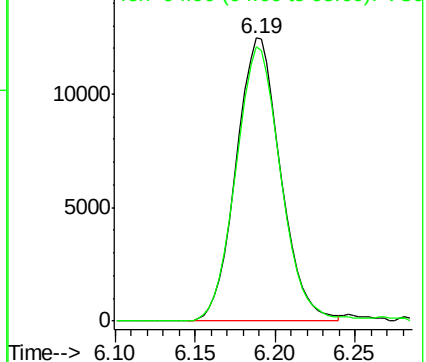


#37
 Trichloroethene
 Concen: 1.944 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion:130 Resp: 23650
 Ion Ratio Lower Upper
 130 100
 95 97.1 77.9 116.9

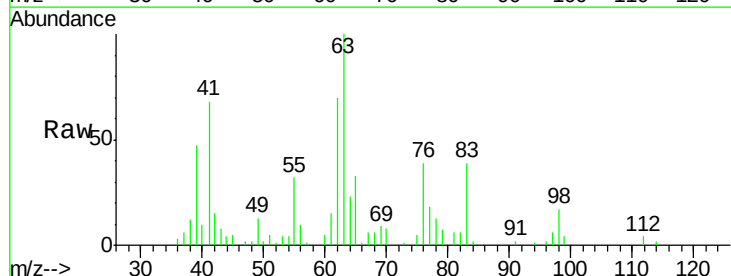


Abundance Ion 129.90 (129.60 to 130.60): VU023531.D (-1725) (-)
 Ion 94.90 (94.60 to 95.60): VU023531.D (-1725) (-)

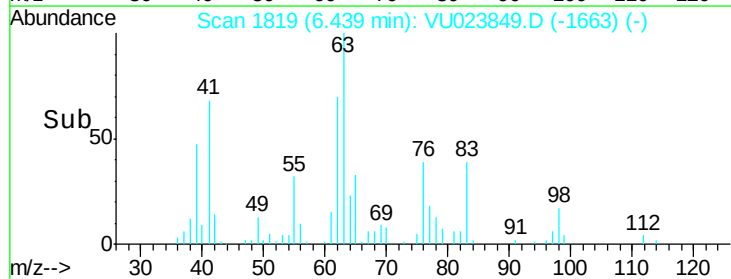
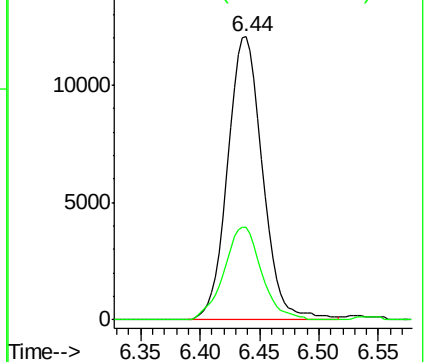


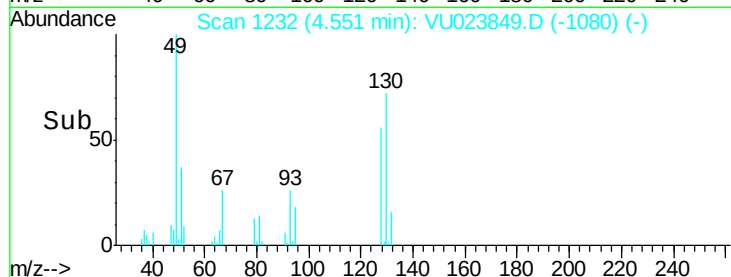
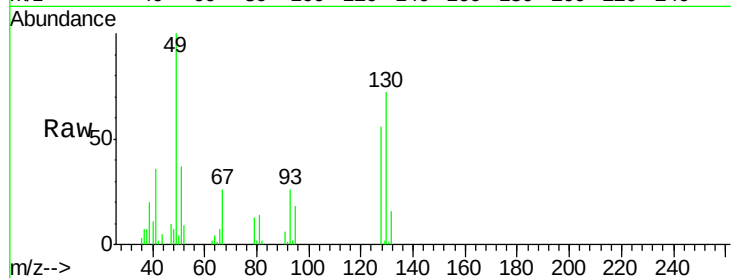
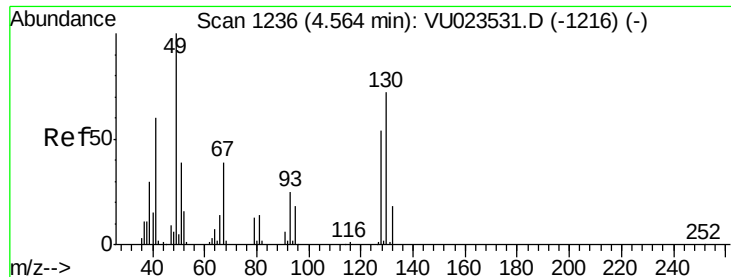
#38
 1,2-Dichloropropane
 Concen: 1.982 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion: 63 Resp: 24635
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU023531.D (-1799) (-)
 Ion 65.00 (64.70 to 65.70): VU023531.D (-1799) (-)





#39

Methacrylonitrile

Concen: 1.898 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

Tot Ion: 41 Resp: 7453

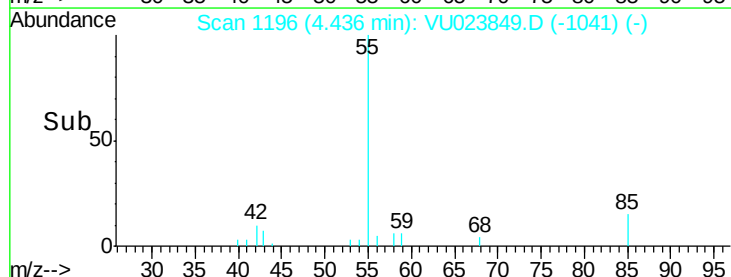
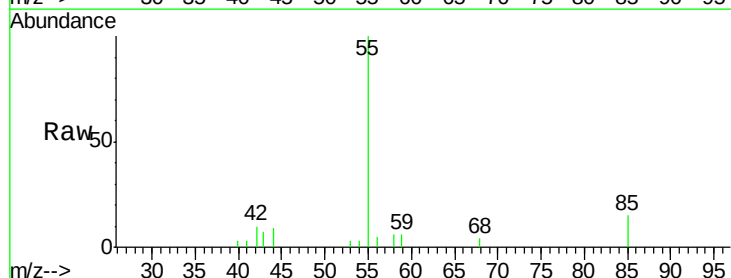
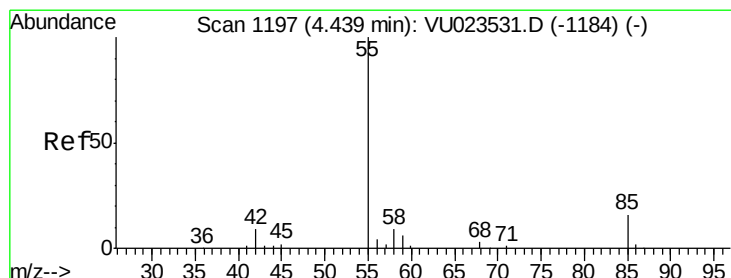
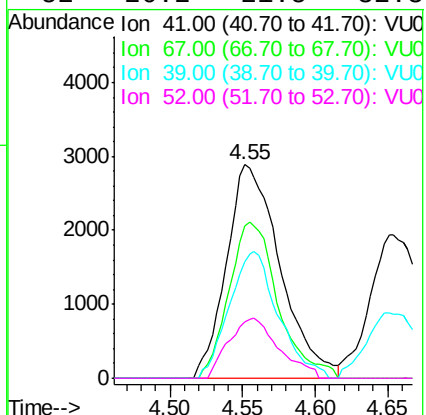
Ion Ratio Lower Upper

41 100

67 66.6 51.3 76.9

39 53.9 40.6 60.8

52 26.2 21.5 32.3



#40

Methyl acrylate

Concen: 1.977 ug/l

RT: 4.44 min Scan# 1196

Delta R.T. -0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

Tgt Ion: 55 Resp: 10769

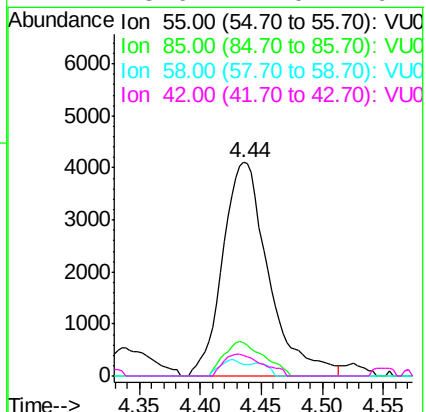
Ion Ratio Lower Upper

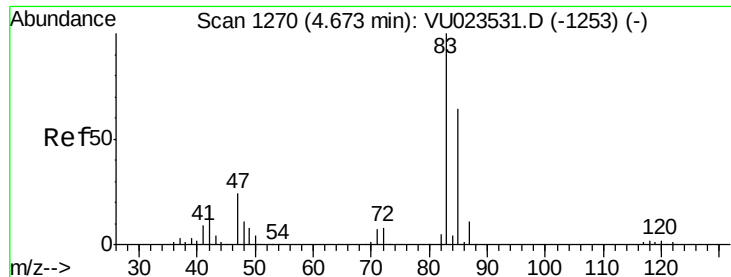
55 100

85 14.0 12.3 18.5

58 4.2 7.0 10.6#

42 8.6 7.0 10.4





#41

Tetrahydrofuran

Concen: 3.882 ug/l

RT: 4.65 min Scan# 1264

Delta R.T. -0.02 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

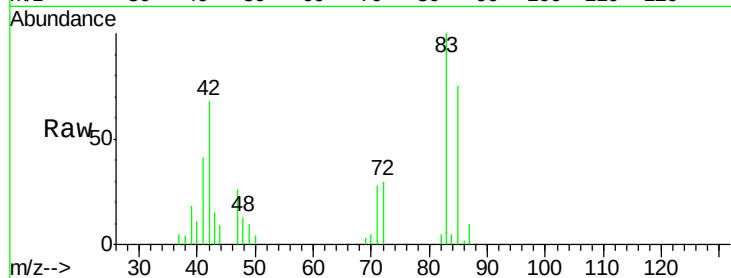
Tot Ion: 42 Resp: 7854

Ion Ratio Lower Upper

42 100

72 41.4 33.2 49.8

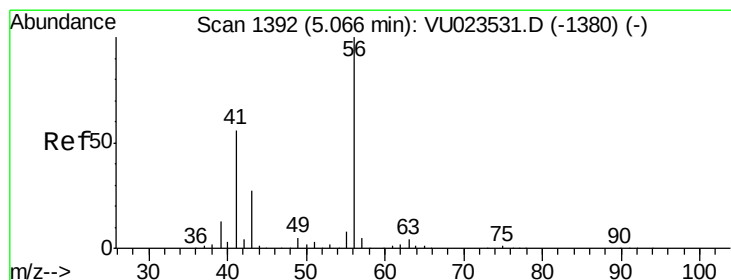
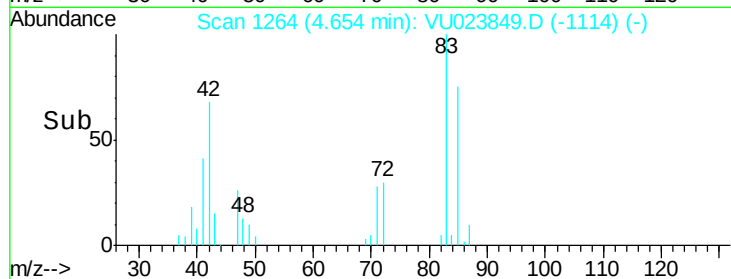
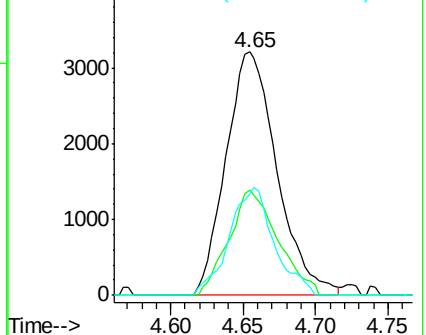
71 38.8 29.8 44.8



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: 1.907 ug/l

RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU023849.D

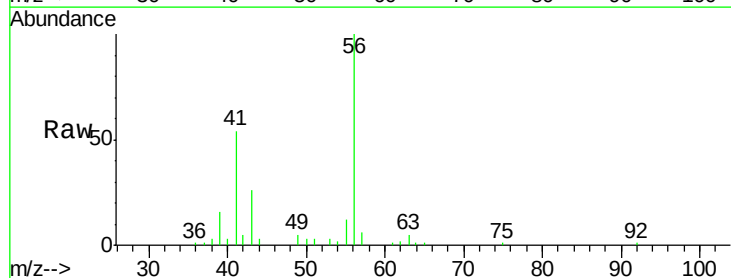
Acq: 14 May 2018 12:12

Tgt Ion: 56 Resp: 42132

Ion Ratio Lower Upper

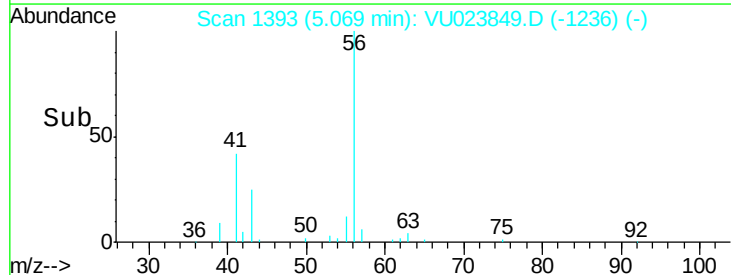
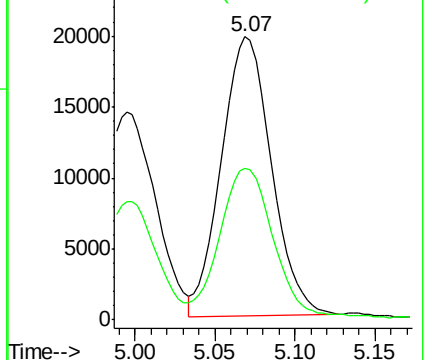
56 100

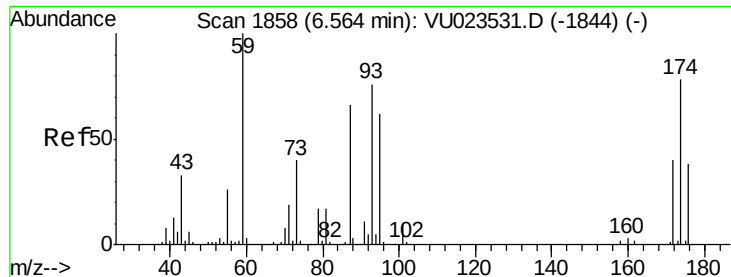
41 56.0 27.5 82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.062 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

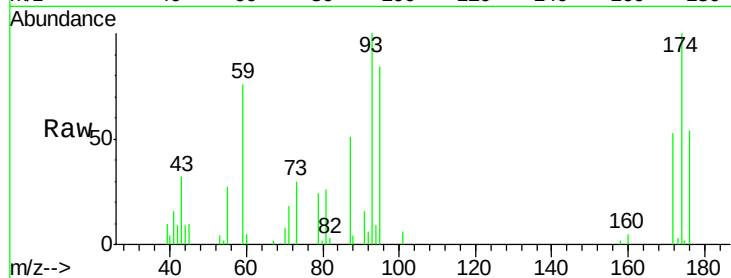
Tot Ion: 93 Resp: 11019

Ion Ratio Lower Upper

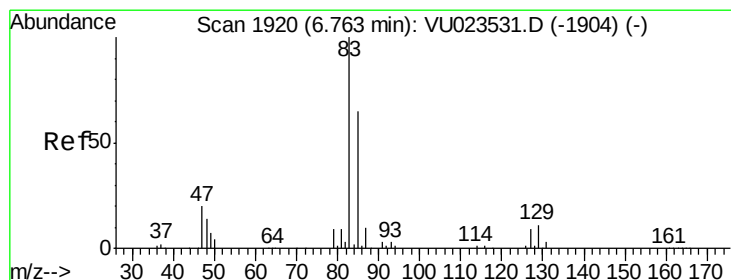
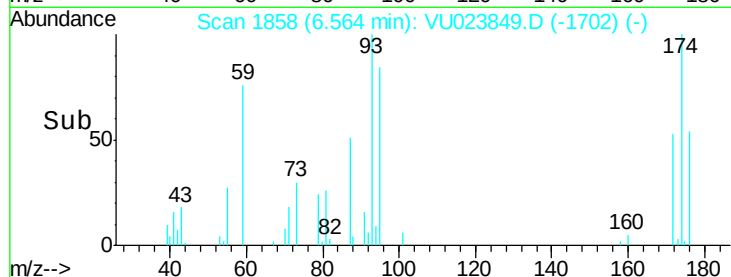
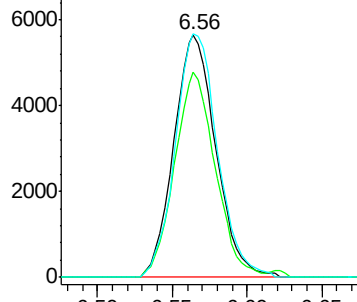
93 100

95 82.1 67.2 100.8

174 100.9 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: 2.054 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

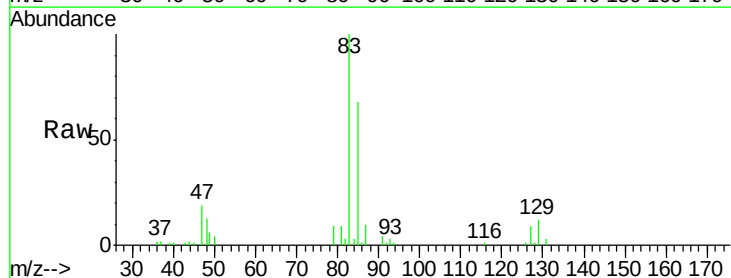
Tgt Ion: 83 Resp: 27593

Ion Ratio Lower Upper

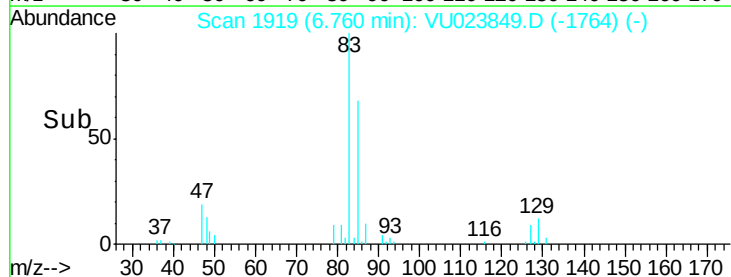
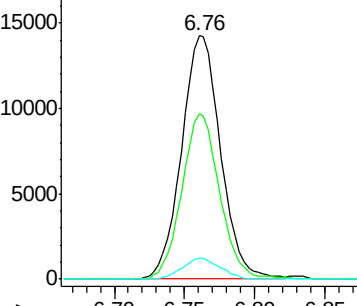
83 100

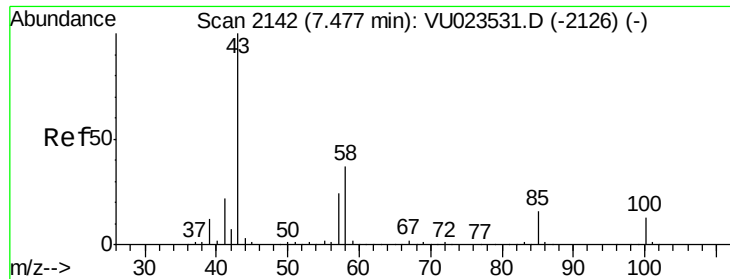
85 67.9 52.2 78.4

127 8.6 7.0 10.4



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





#45

4-Methyl-2-Pentanone

Concen: 10.264 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

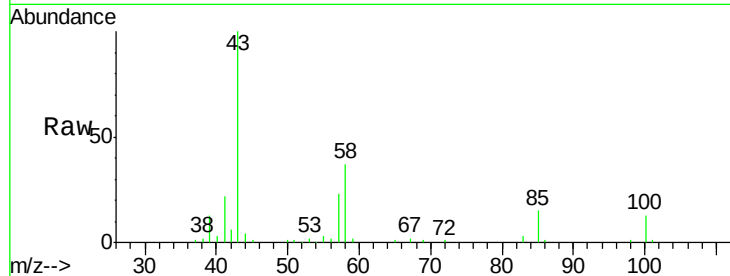
Tot Ion: 43 Resp: 64841

Ion Ratio Lower Upper

43 100

58 36.8 18.8 56.4

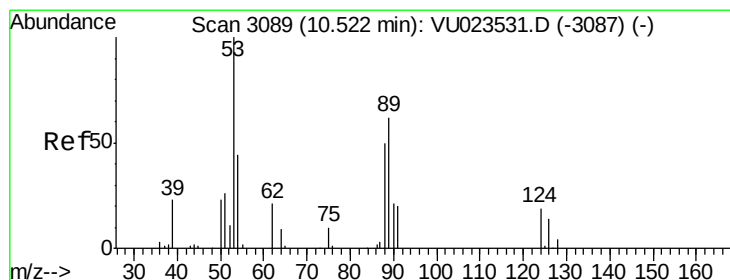
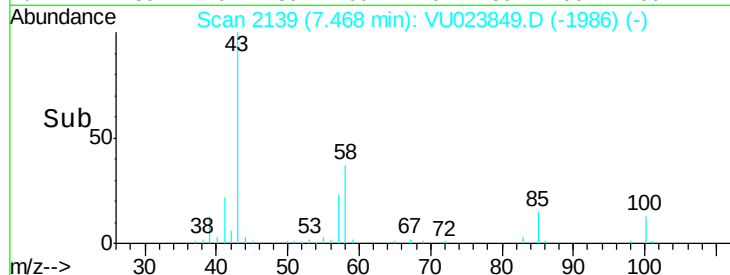
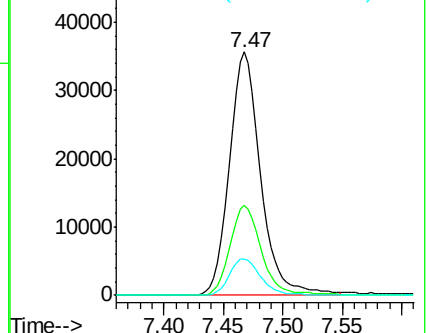
85 14.9 12.6 19.0



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: 4.223 ug/l m

RT: 10.52 min Scan# 3087

Delta R.T. -0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

Tgt Ion: 75 Resp: 7887

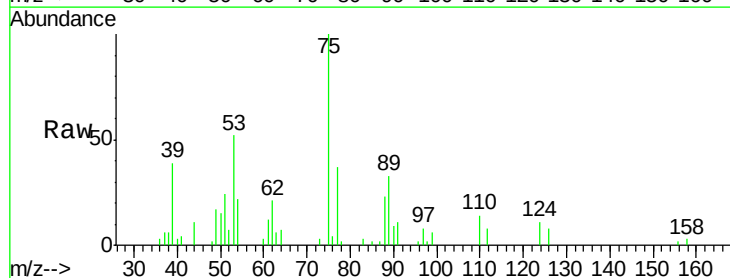
Ion Ratio Lower Upper

75 100

53 99.6 82.2 123.4

89 57.7 51.3 76.9

88 44.8 37.4 56.2

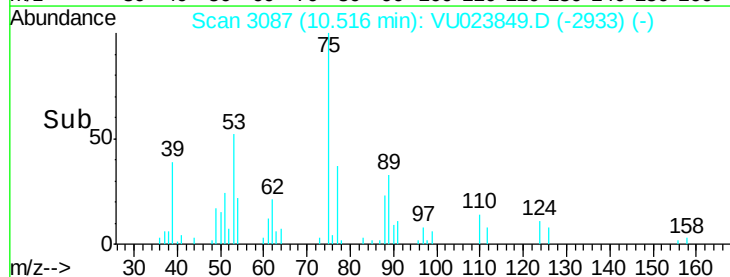
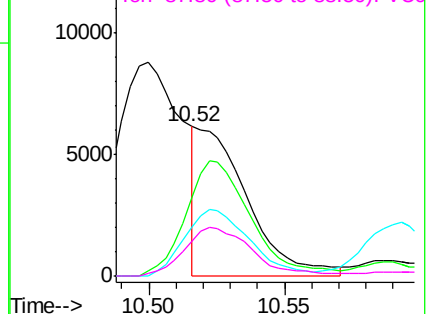


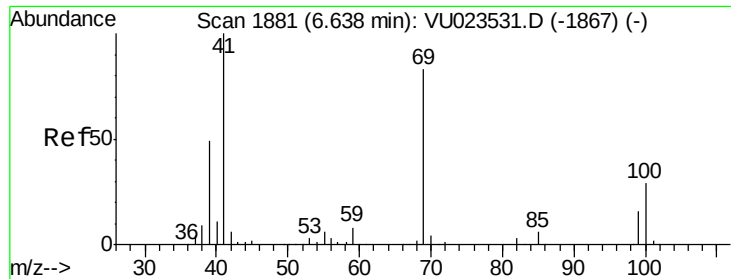
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

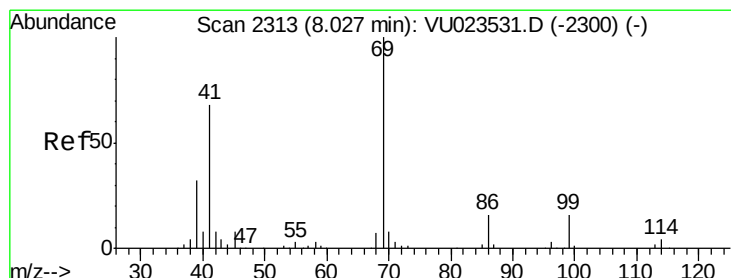
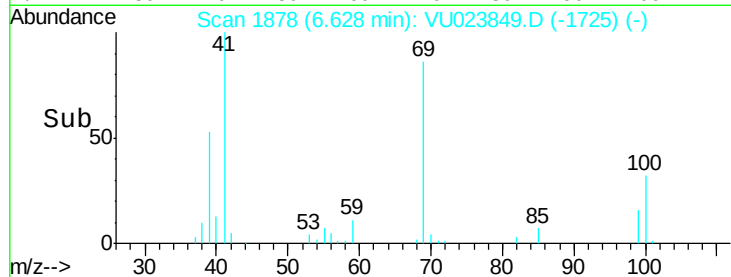
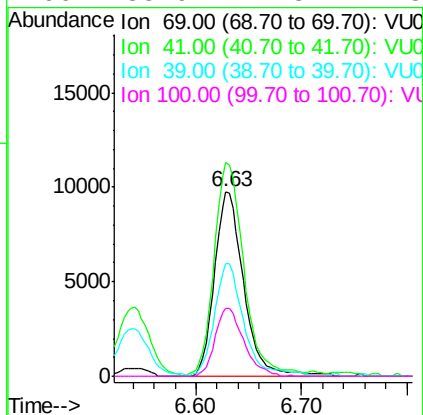
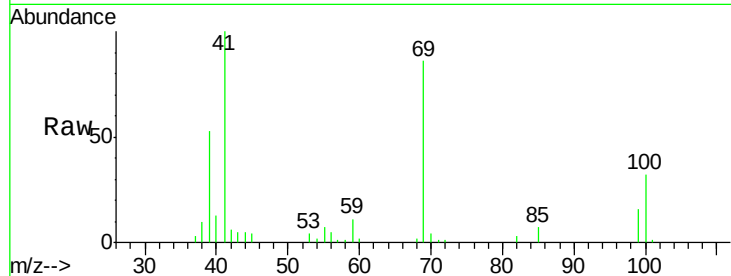
Ion 87.80 (87.50 to 88.50): VU0





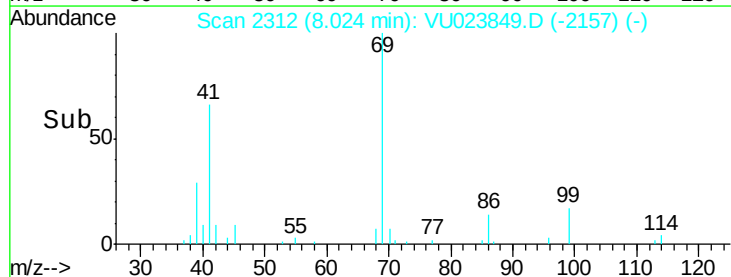
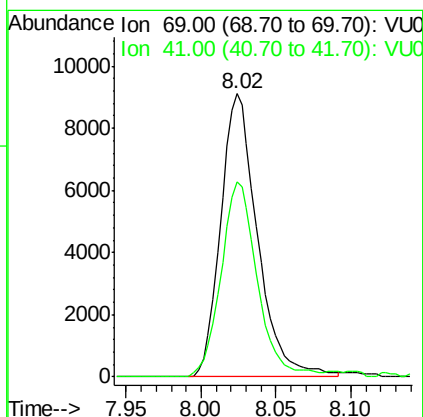
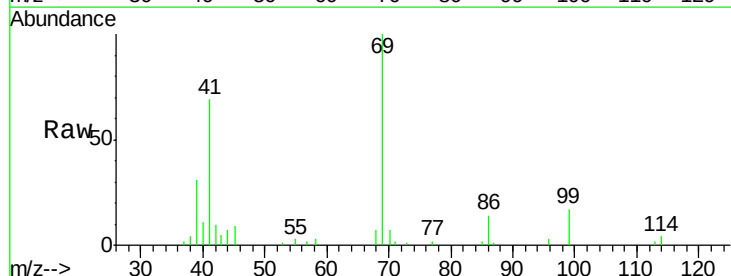
#47
Methyl methacrylate
Concen: 3.878 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. -0.01 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

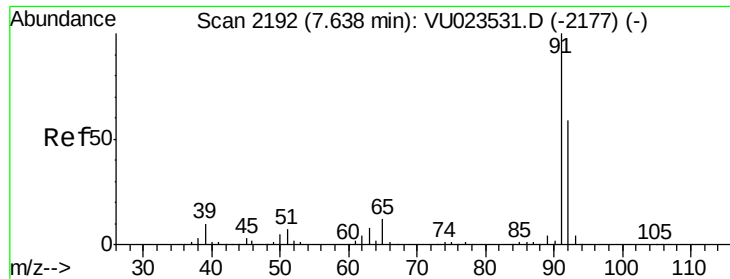
Tot Ion: 69 Resp: 18779
Ion Ratio Lower Upper
69 100
41 117.0 0.0 245.4
39 61.3 49.0 73.4
100 35.9 27.8 41.8



#48
Ethyl methacrylate
Concen: 1.841 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 69 Resp: 15590
Ion Ratio Lower Upper
69 100
41 67.9 34.2 102.5





#49

Toluene

Concen: 1.957 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023849.D

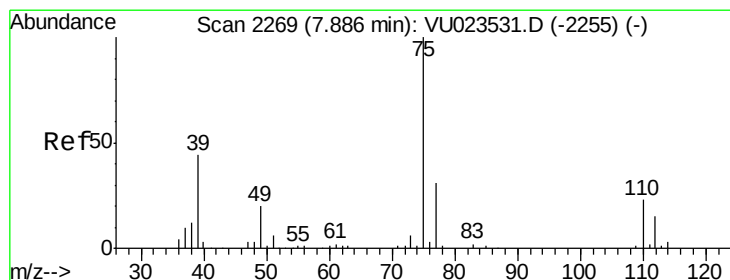
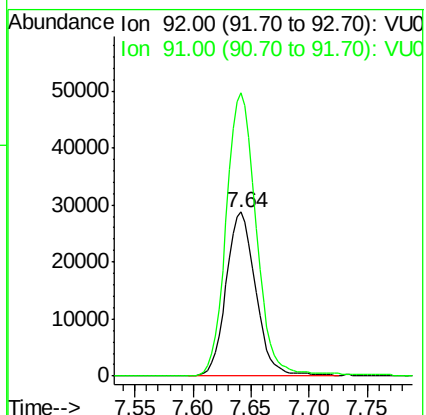
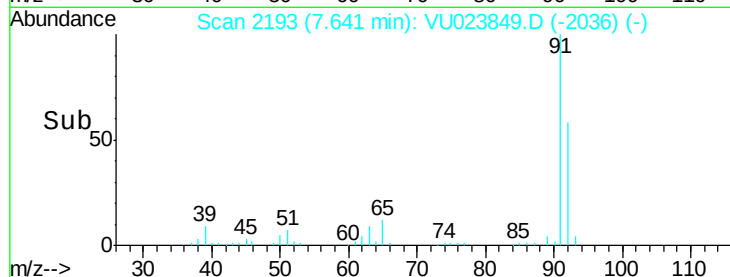
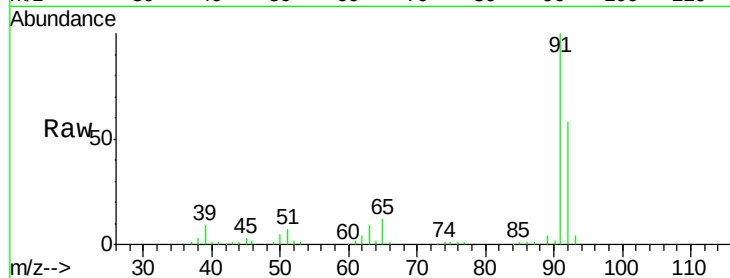
Acq: 14 May 2018 12:12

Tot Ion: 92 Resp: 51228

Ion Ratio Lower Upper

92 100

91 174.9 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 1.942 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023849.D

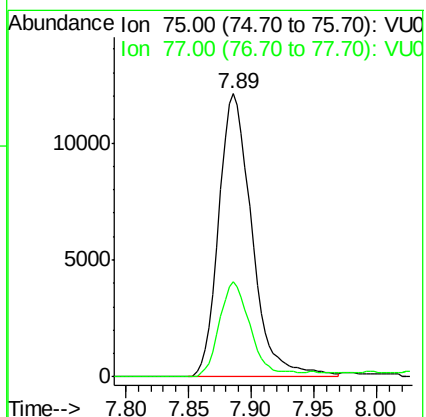
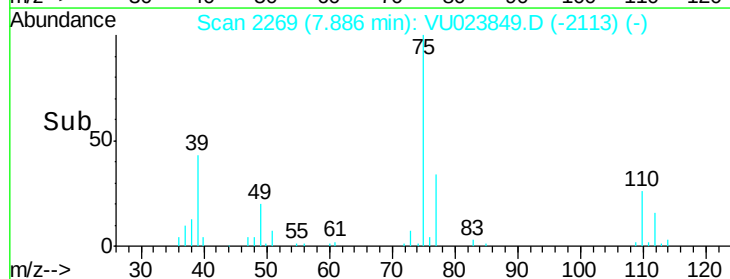
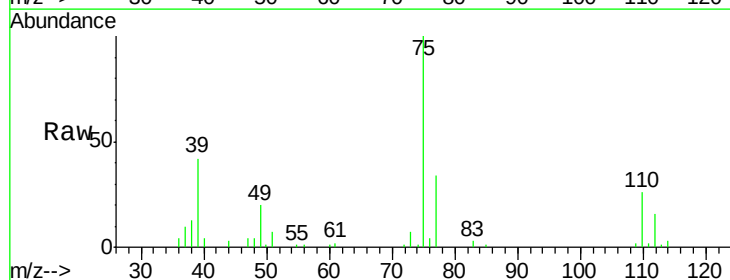
Acq: 14 May 2018 12:12

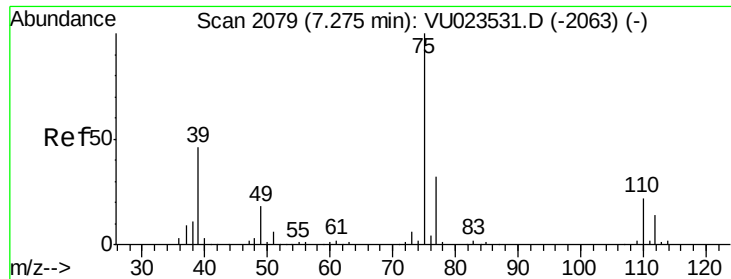
Tgt Ion: 75 Resp: 22267

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8

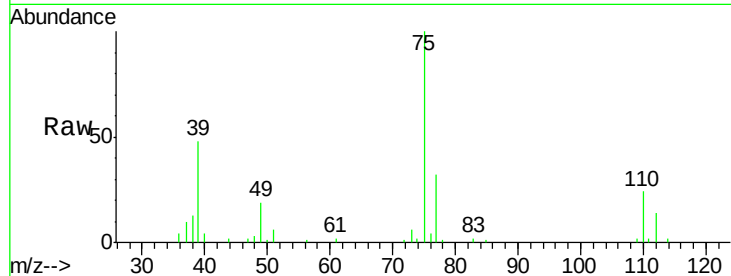




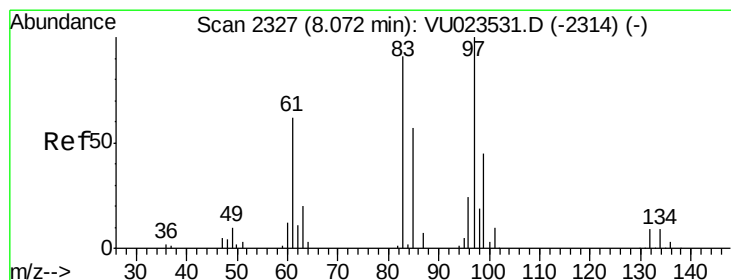
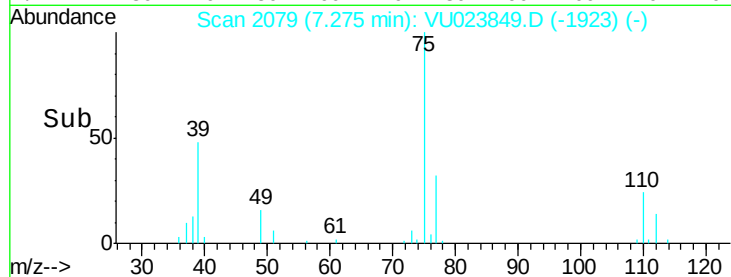
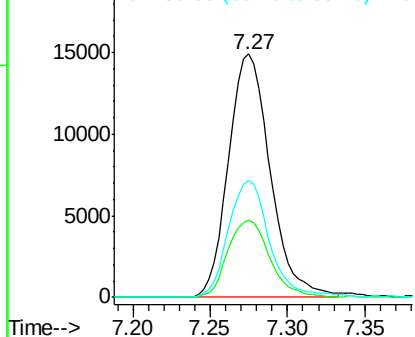
#51

cis-1,3-Dichloropropene
Concen: 1.878 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	48.1	36.4	54.6



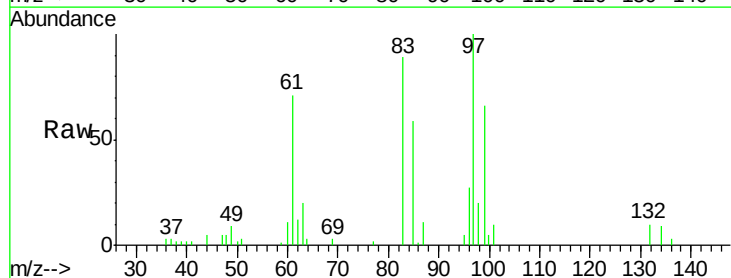
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



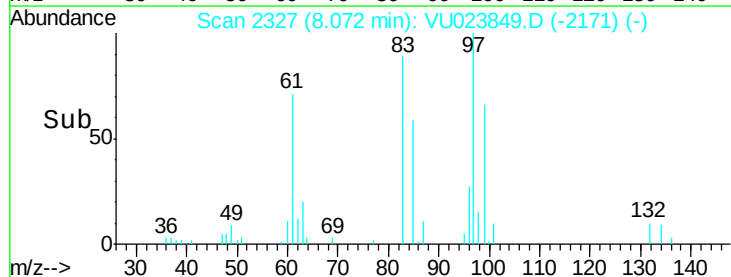
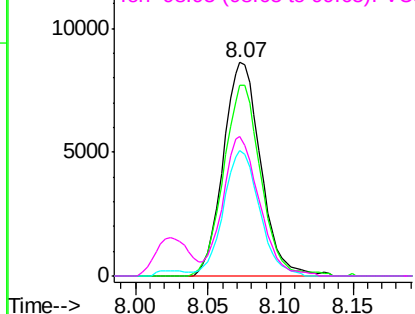
#52

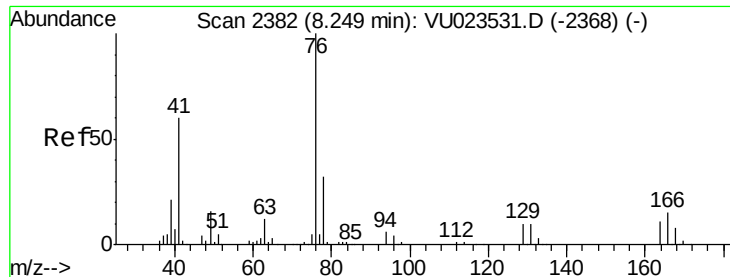
1,1,2-Trichloroethane
Concen: 2.025 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.6	109.0
85	58.8	47.2	70.8
99	65.5	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: 1.993 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU023849.D

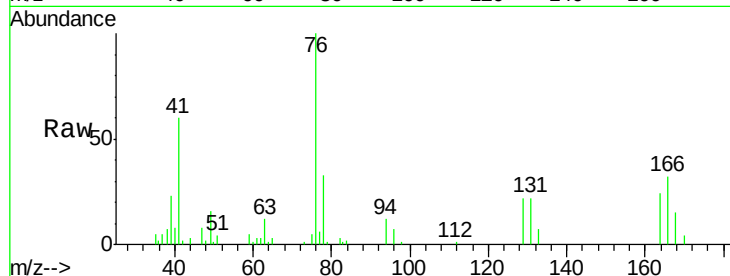
Acq: 14 May 2018 12:12

Tot Ion: 76 Resp: 26941

Ion Ratio Lower Upper

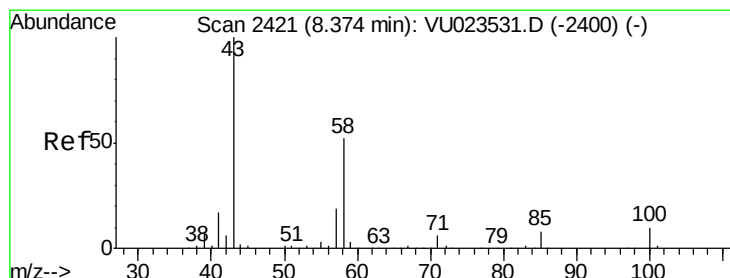
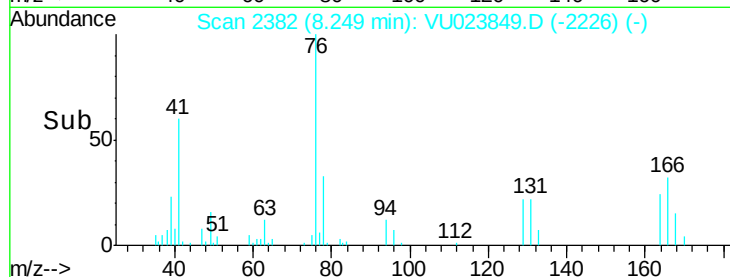
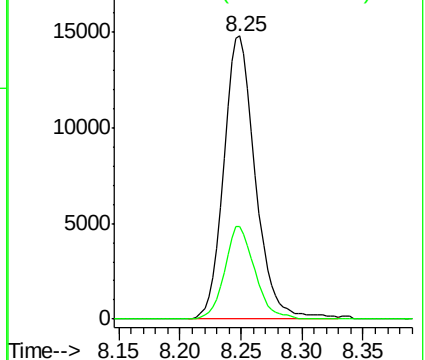
76 100

78 31.0 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 13.551 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. -0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

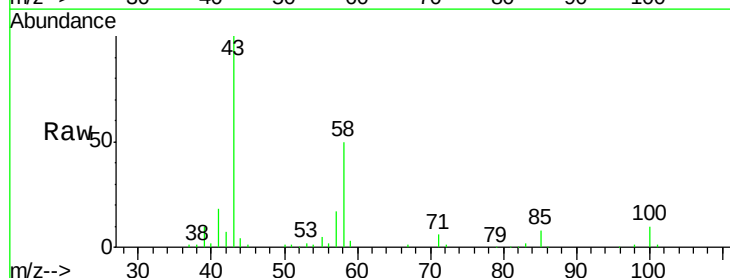
Tgt Ion: 43 Resp: 58312

Ion Ratio Lower Upper

43 100

58 50.3 32.5 72.5

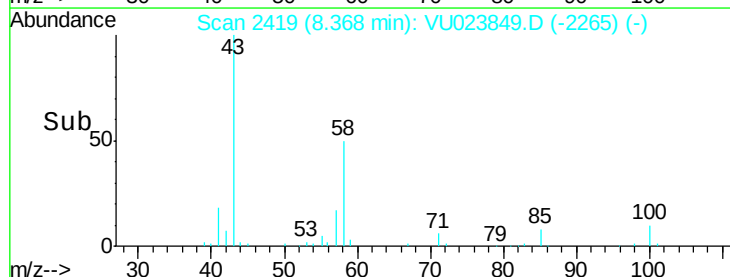
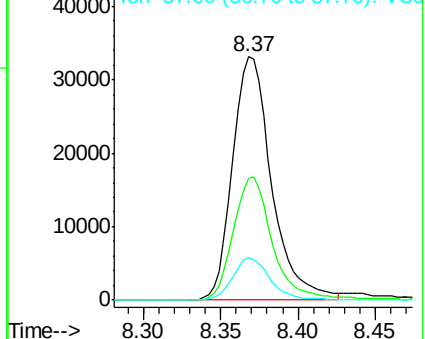
57 16.7 0.0 37.9

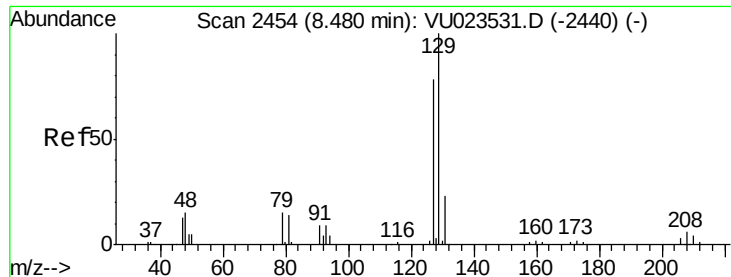


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 2.074 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU023849.D

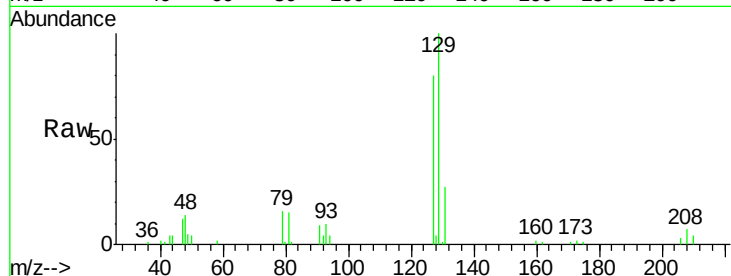
Acq: 14 May 2018 12:12

Tot Ion:129 Resp: 17287

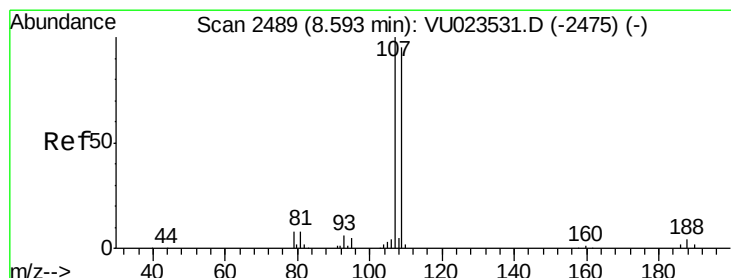
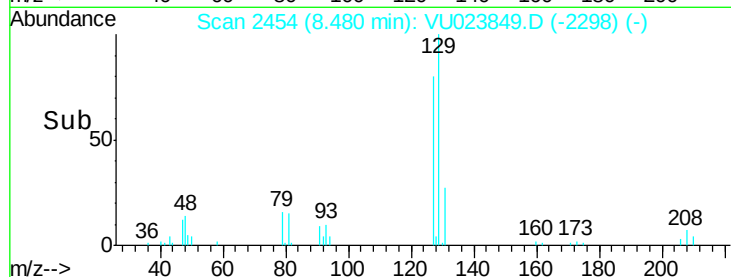
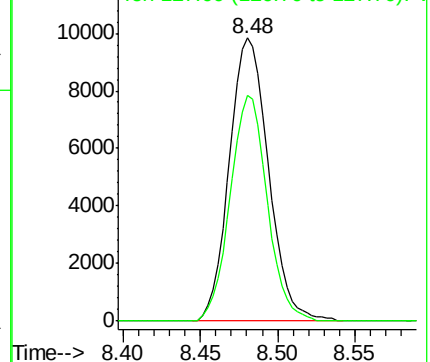
Ion Ratio Lower Upper

129 100

127 75.2 61.1 91.7



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



#56

1,2-Dibromoethane

Concen: 2.087 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU023849.D

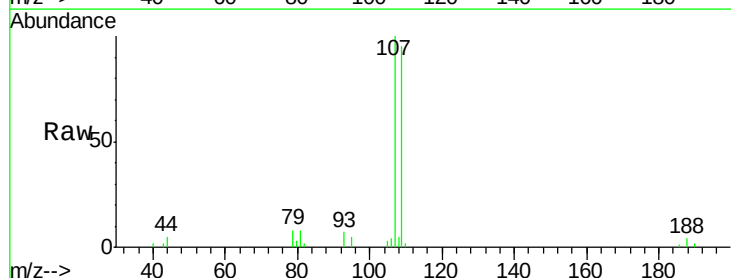
Acq: 14 May 2018 12:12

Tgt Ion:107 Resp: 13678

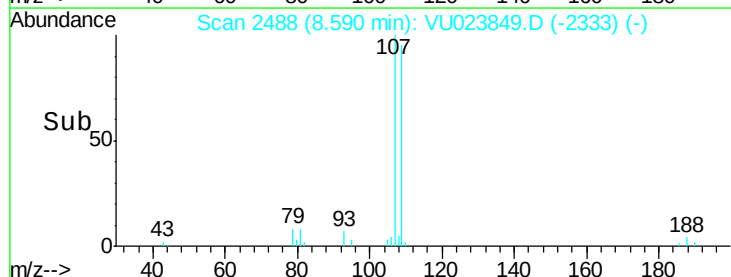
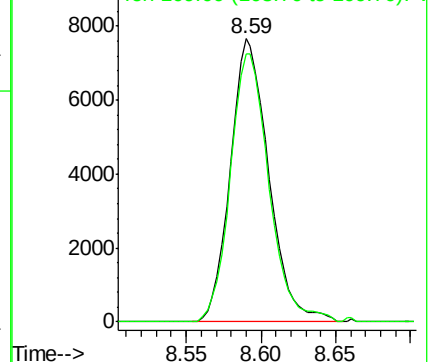
Ion Ratio Lower Upper

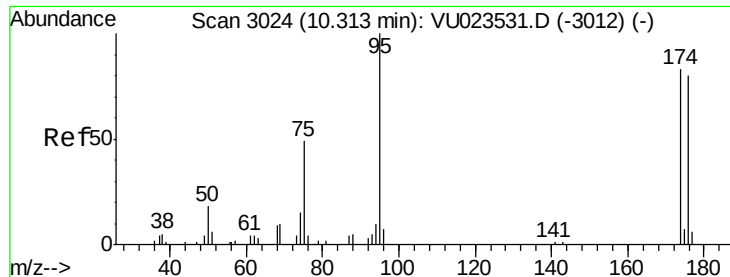
107 100

109 95.6 0.0 189.0



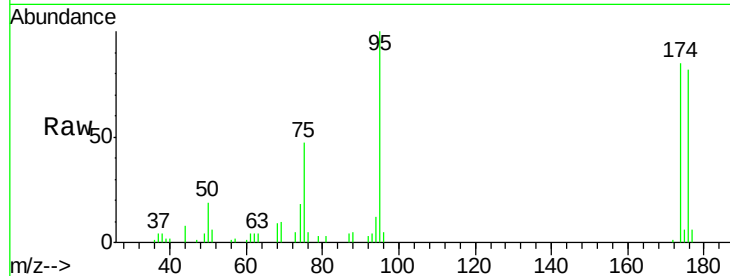
Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



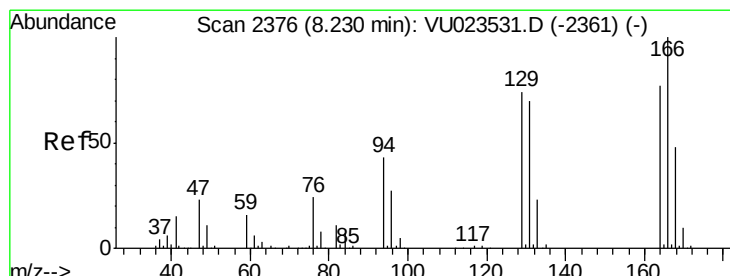
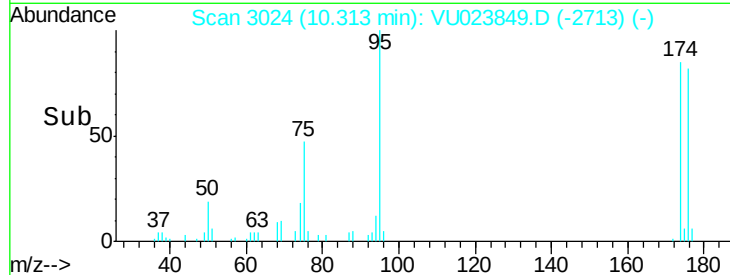
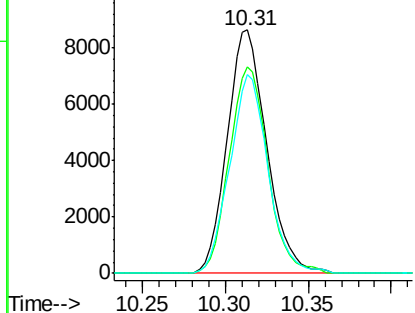


#57
4-Bromofluorobenzene
Concen: 2.087 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion: 95 Resp: 14266
Ion Ratio Lower Upper
95 100
174 82.6 65.6 98.4
176 79.4 62.0 93.0

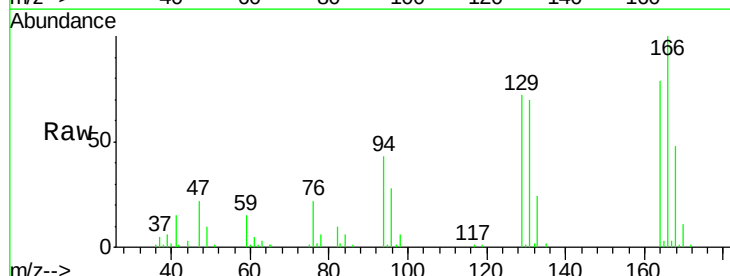


Abundance Ion 95.00 (94.70 to 95.70): VU023531.D (-3012) (-)
Ion 174.00 (173.70 to 174.70): VU023531.D (-3012) (-)
Ion 176.00 (175.70 to 176.70): VU023531.D (-3012) (-)

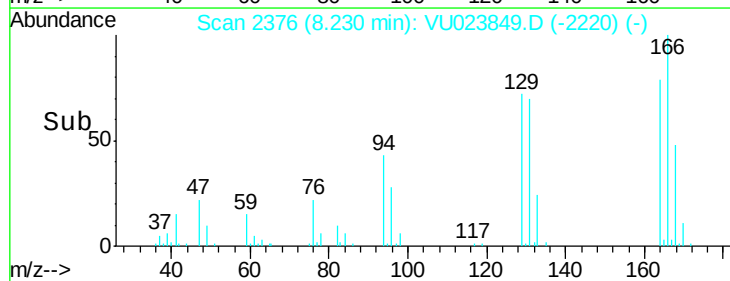
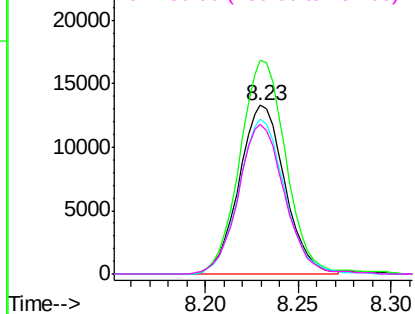


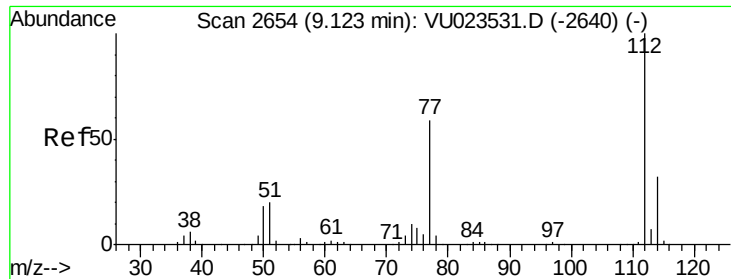
#58
Tetrachloroethene
Concen: 2.059 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion: 164 Resp: 22832
Ion Ratio Lower Upper
164 100
166 126.7 104.1 156.1
129 91.6 76.8 115.2
131 88.6 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): VU023531.D (-2361) (-)
Ion 165.80 (165.50 to 166.50): VU023531.D (-2361) (-)
Ion 128.90 (128.60 to 129.60): VU023531.D (-2361) (-)
Ion 130.90 (130.60 to 131.60): VU023531.D (-2361) (-)





#59

Chlorobenzene

Concen: 2.007 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023849.D

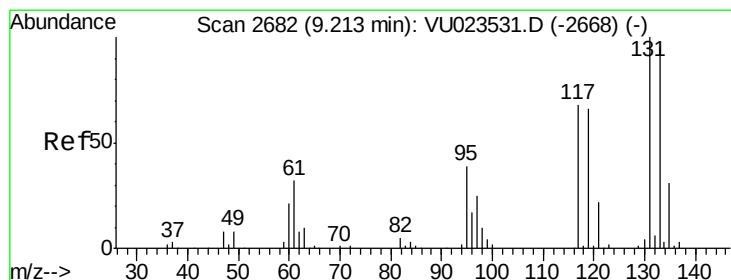
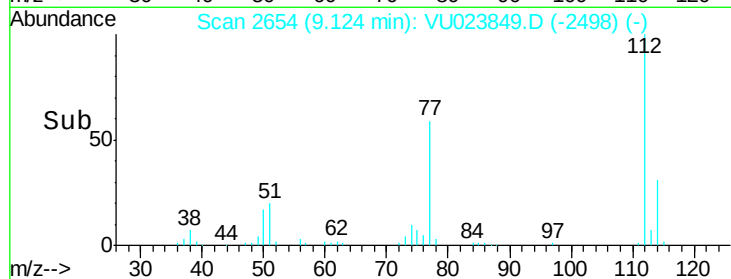
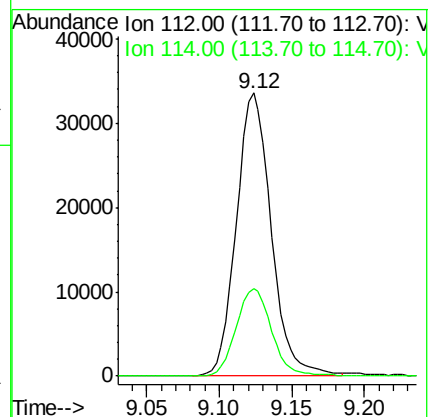
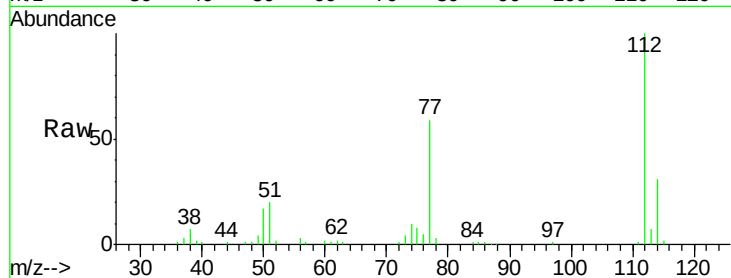
Acq: 14 May 2018 12:12

Tot Ion:112 Resp: 56215

Ion Ratio Lower Upper

112 100

114 31.1 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 2.094 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

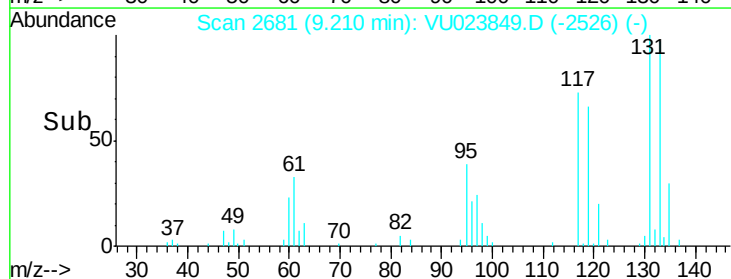
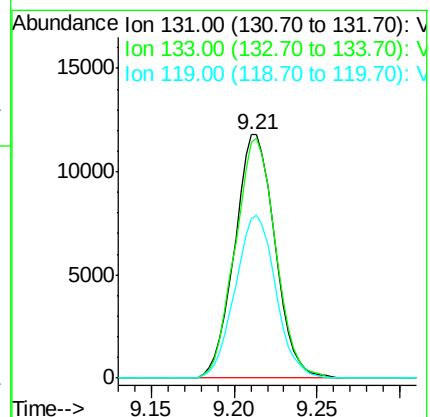
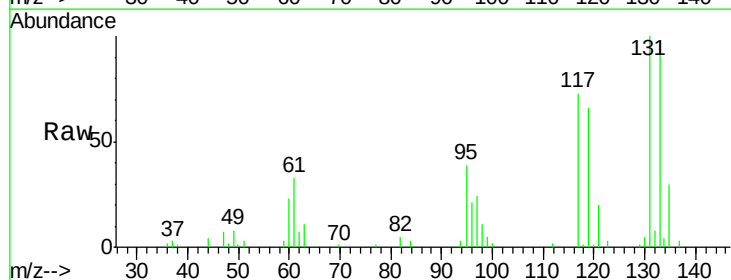
Tgt Ion:131 Resp: 19929

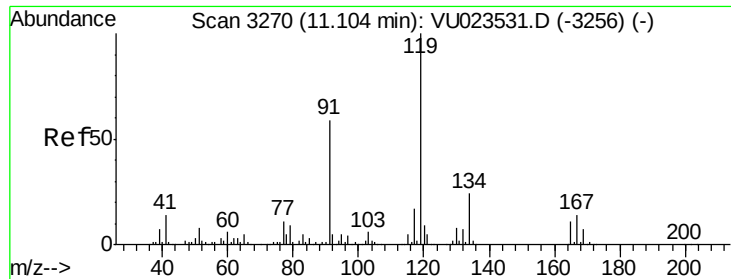
Ion Ratio Lower Upper

131 100

133 98.9 75.8 113.8

119 67.3 53.0 79.6





#61

Pentachloroethane

Concen: 2.429 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU023849.D

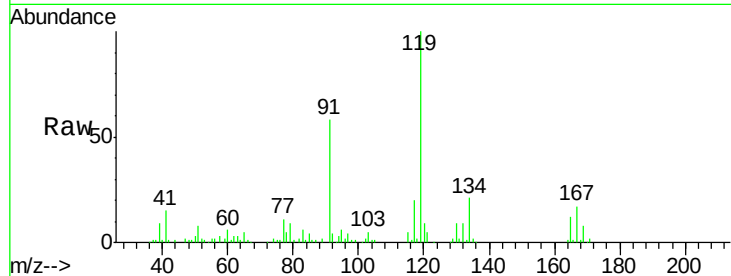
Acq: 14 May 2018 12:12

Tot Ion:117 Resp: 16406

Ion Ratio Lower Upper

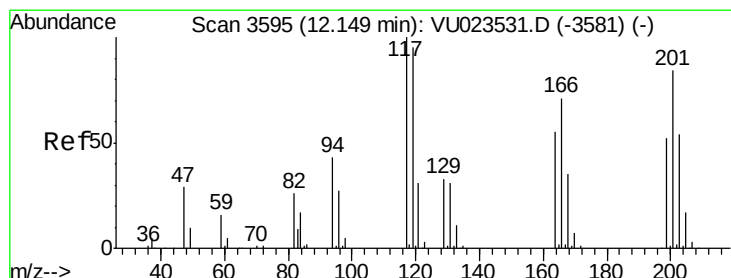
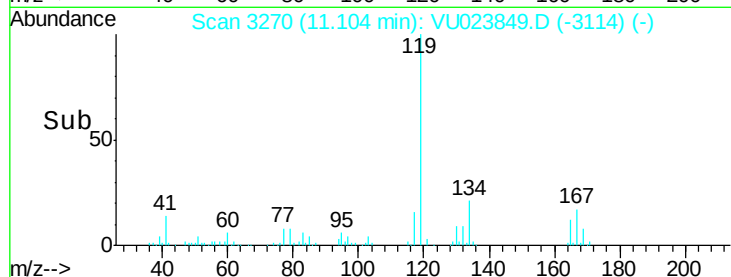
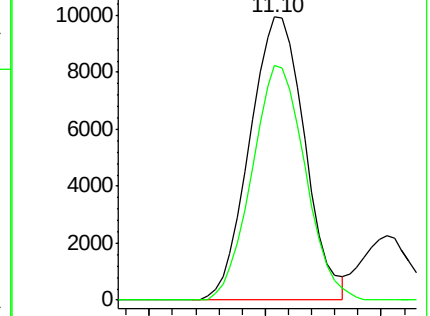
117 100

167 80.2 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: 2.331 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU023849.D

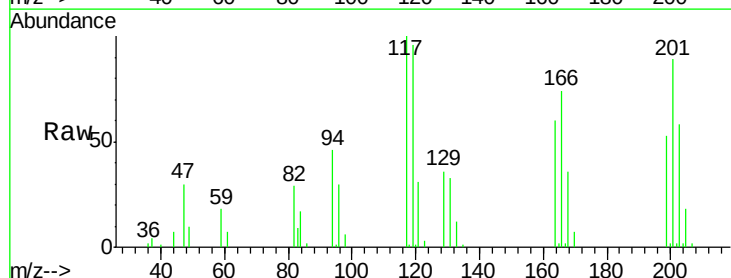
Acq: 14 May 2018 12:12

Tgt Ion:117 Resp: 15108

Ion Ratio Lower Upper

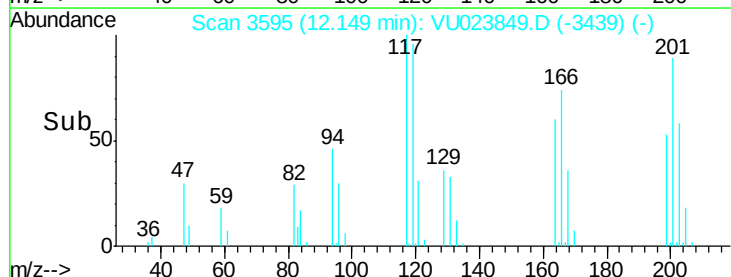
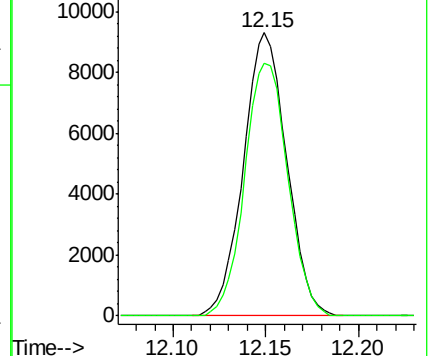
117 100

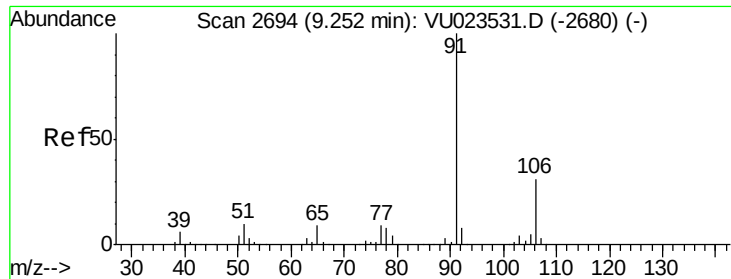
201 88.9 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.935 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU023849.D

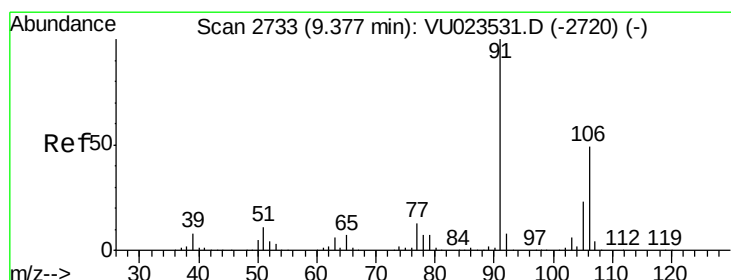
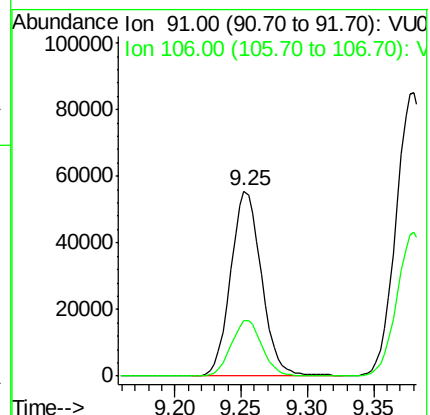
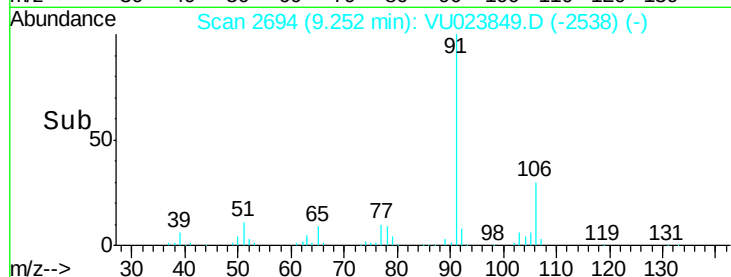
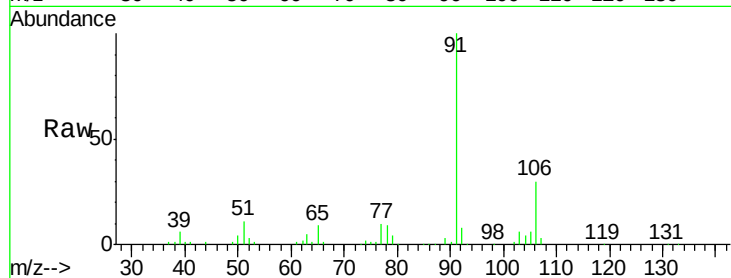
Acq: 14 May 2018 12:12

Tot Ion: 91 Resp: 90101

Ion Ratio Lower Upper

91 100

106 29.7 24.7 37.1



#64

m/p-Xylenes

Concen: 4.011 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023849.D

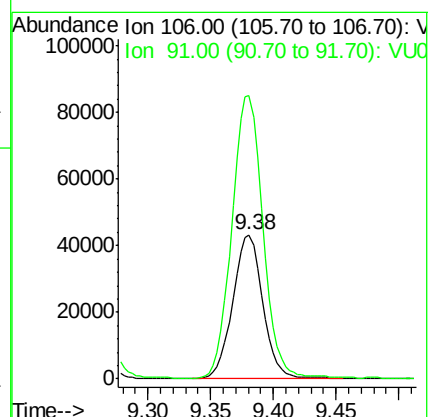
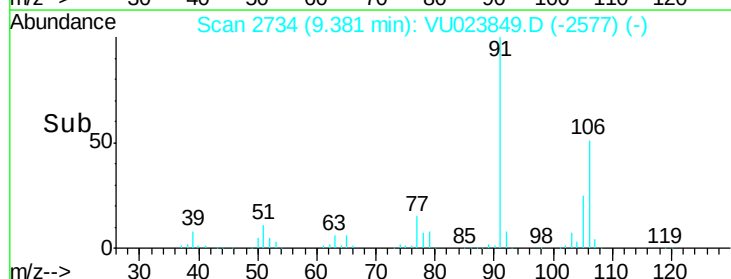
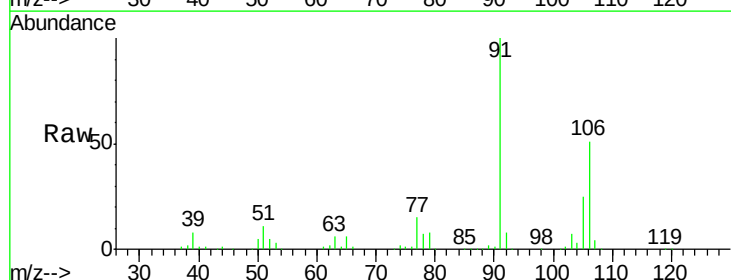
Acq: 14 May 2018 12:12

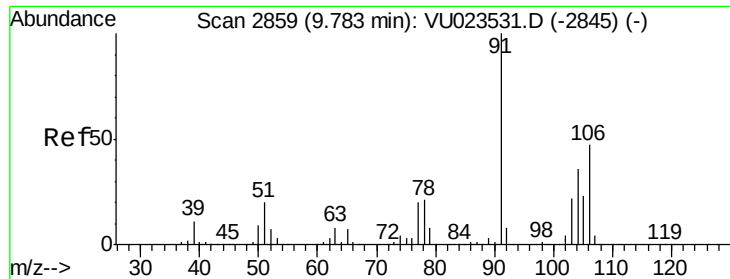
Tgt Ion: 106 Resp: 72035

Ion Ratio Lower Upper

106 100

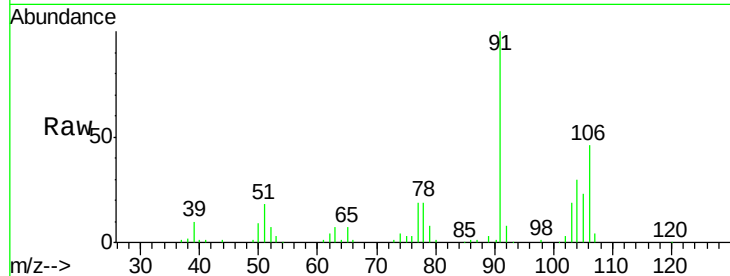
91 202.2 164.1 246.1



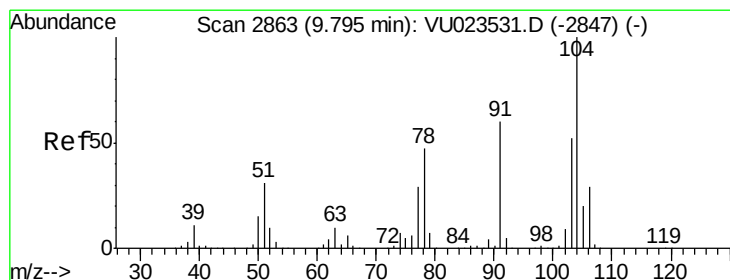
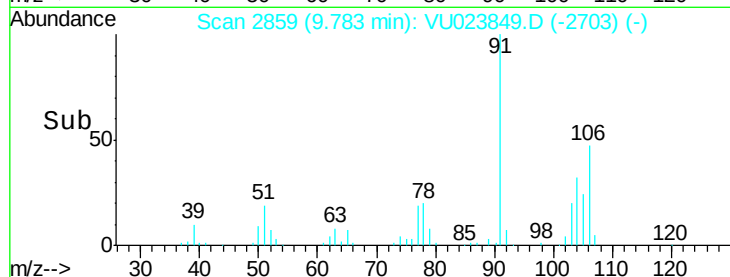
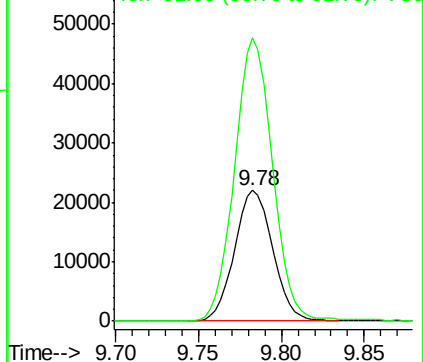


#65
o-Xylene
Concen: 2.044 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion:106 Resp: 35349
Ion Ratio Lower Upper
106 100
91 216.5 107.9 323.7

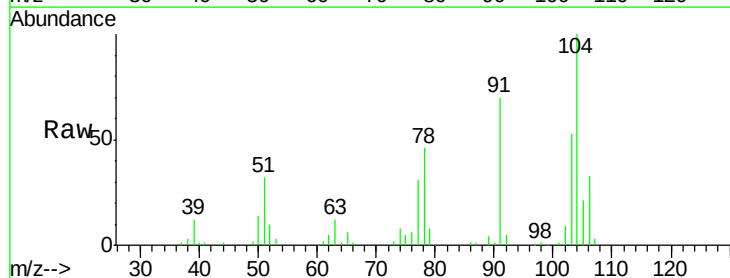


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

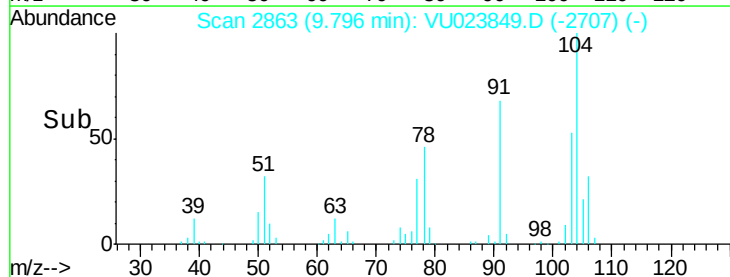
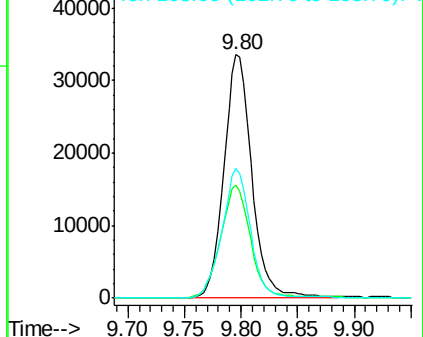


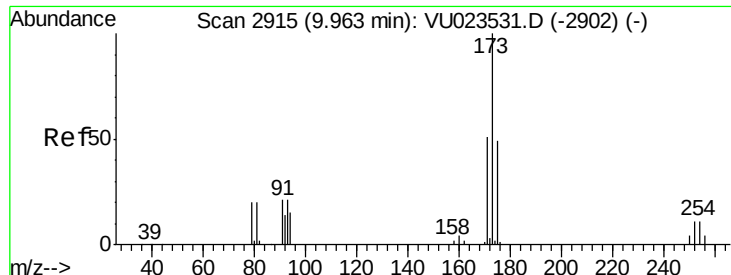
#66
Styrene
Concen: 2.022 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion:104 Resp: 57675
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.9 44.2 66.4



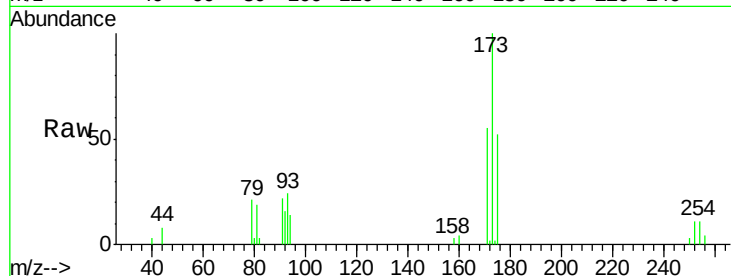
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



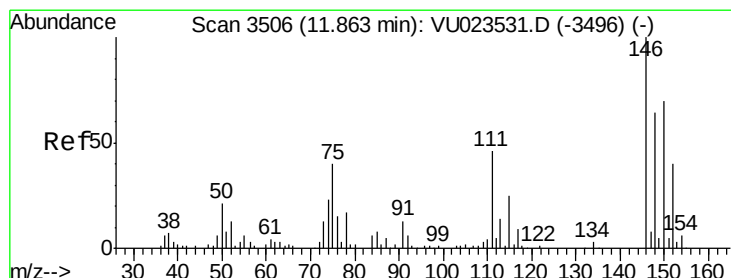
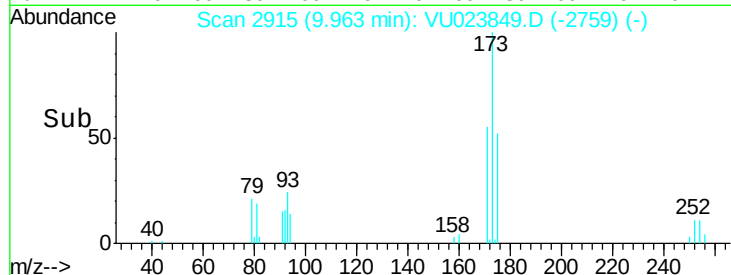
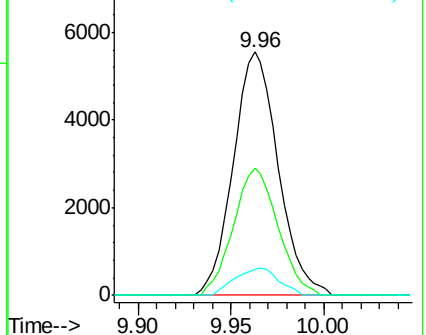


#67
Bromoform
Concen: 2.137 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion:173 Resp: 9299
Ion Ratio Lower Upper
173 100
175 51.9 38.6 57.8
254 11.1 8.8 13.2

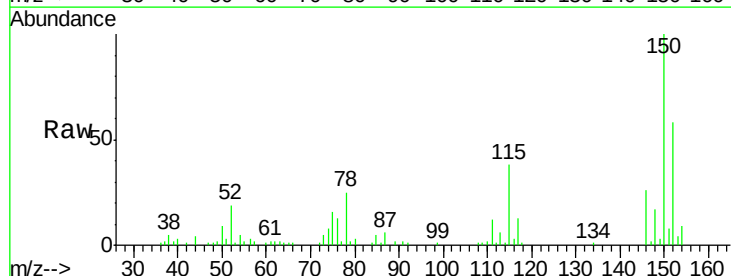


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

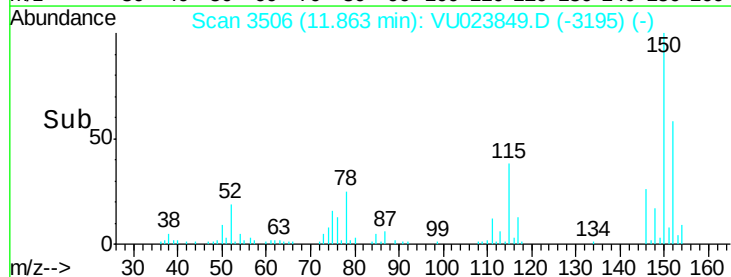
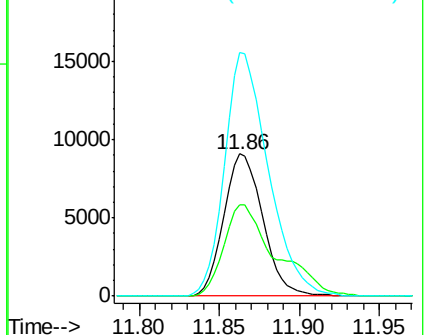


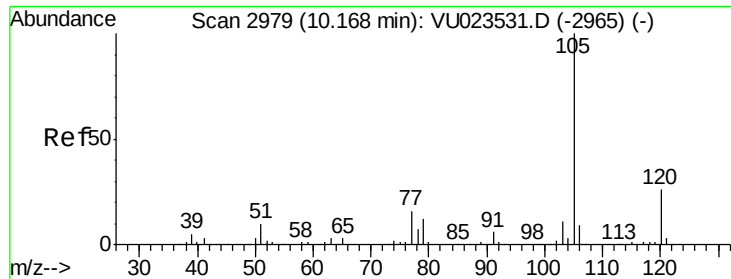
#68
1,2-Dichlorobenzene-d4
Concen: 2.137 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion:152 Resp: 15208
Ion Ratio Lower Upper
152 100
115 85.4 0.0 118.8
150 191.1 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: 2.004 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU023849.D

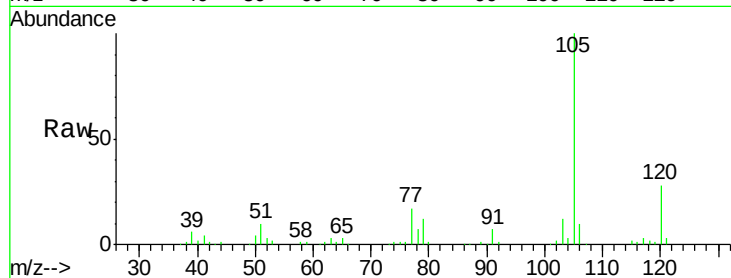
Acq: 14 May 2018 12:12

Tot Ion:105 Resp: 89258

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

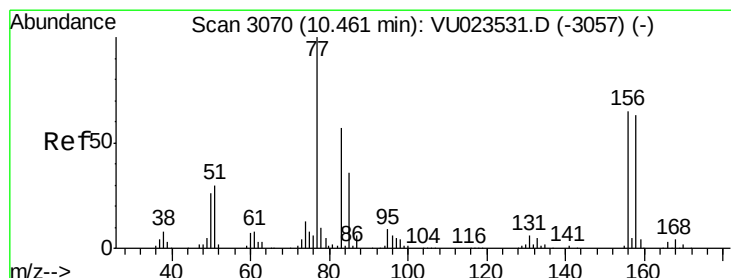
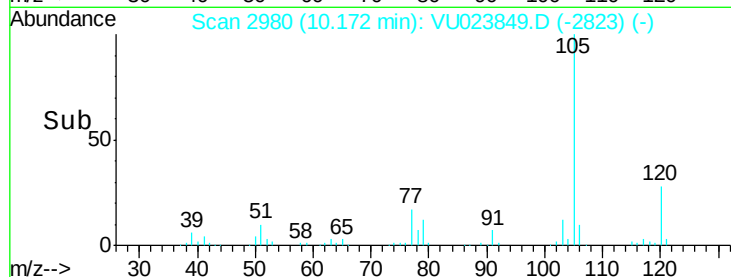
20000

10000

0

10.10 10.17 10.20

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 2.293 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

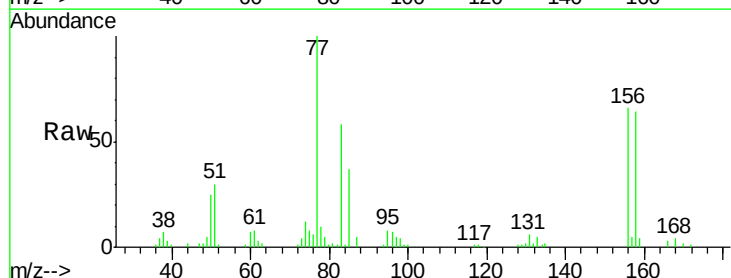
Tgt Ion: 83 Resp: 19655

Ion Ratio Lower Upper

83 100

131 9.2 7.9 11.9

85 64.6 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

15000

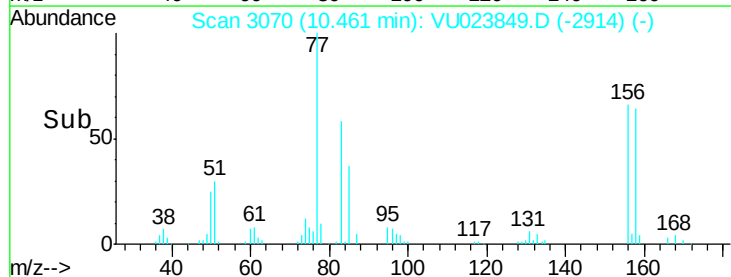
10000

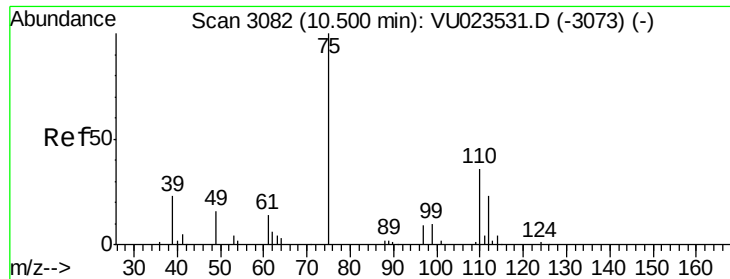
5000

0

10.40 10.46 10.50 10.55

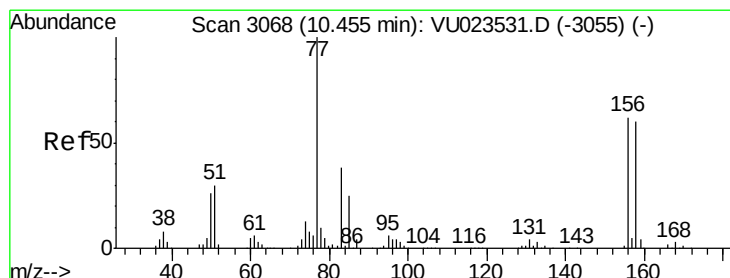
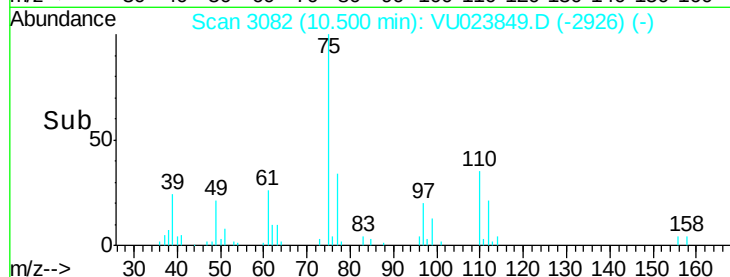
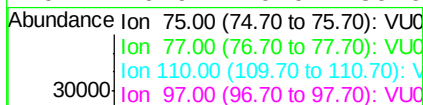
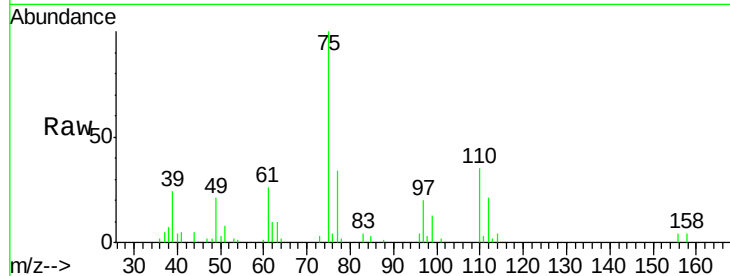
Time-->





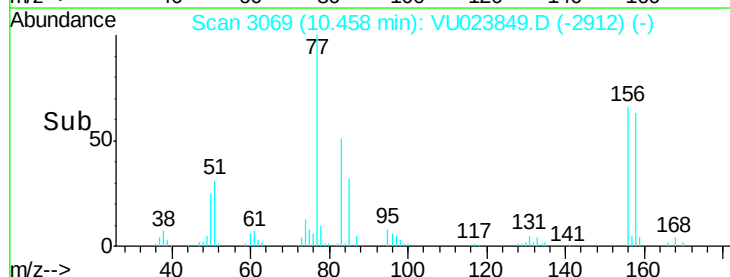
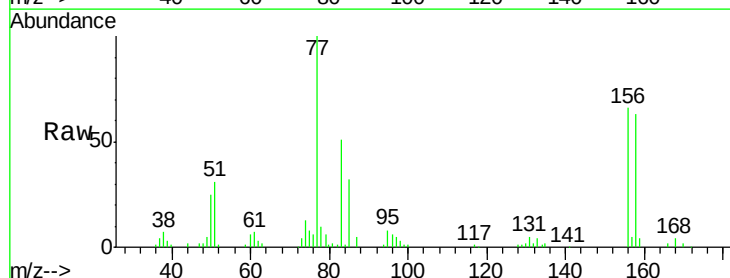
#71
 1,2,3-Trichloropropane
 Concen: 3.785 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

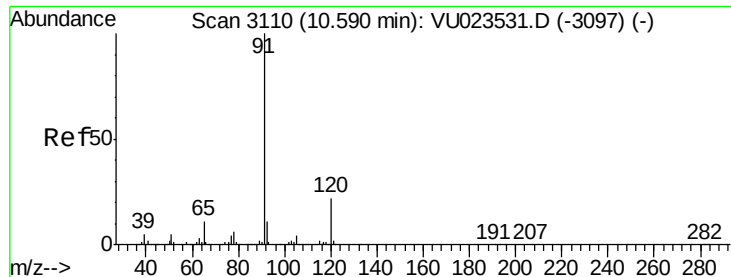
Tot Ion:	75	Resp:	23218
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	20.1	0.0	74.0
97	10.9	0.0	39.6



#72
 Bromobenzene
 Concen: 2.226 ug/l
 RT: 10.46 min Scan# 3069
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion:	156	Resp:	24691
Ion	Ratio	Lower	Upper
156	100		
77	155.1	0.0	309.8
158	97.3	0.0	193.0





#73

n-propylbenzene

Concen: 2.158 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU023849.D

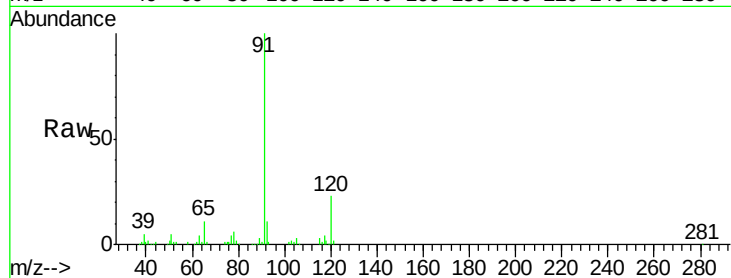
Acq: 14 May 2018 12:12

Tot Ion:120 Resp: 26575

Ion Ratio Lower Upper

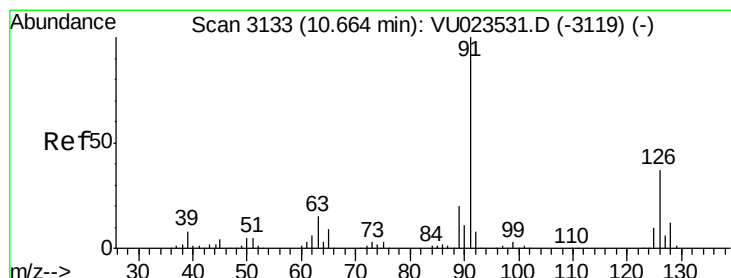
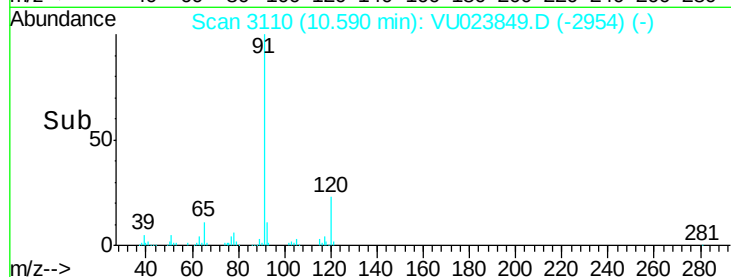
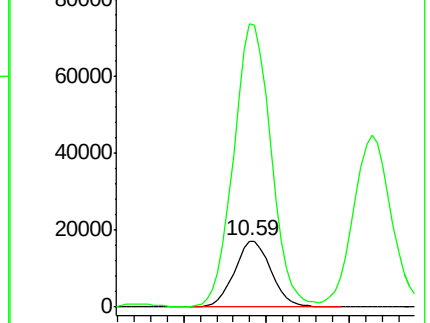
120 100

91 432.6 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.156 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU023849.D

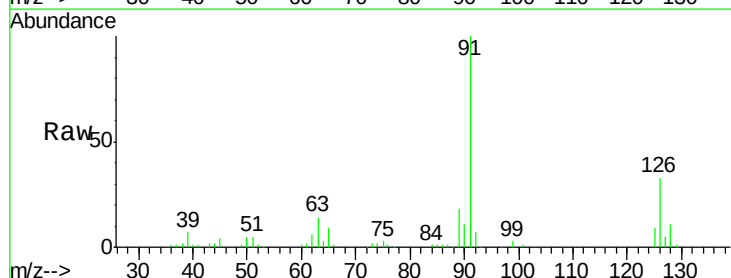
Acq: 14 May 2018 12:12

Tgt Ion:126 Resp: 23475

Ion Ratio Lower Upper

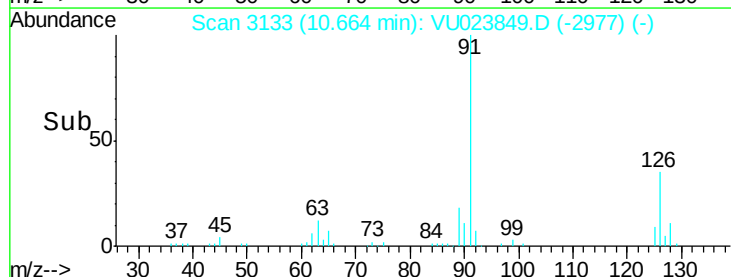
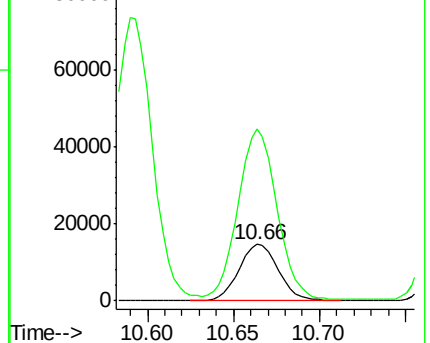
126 100

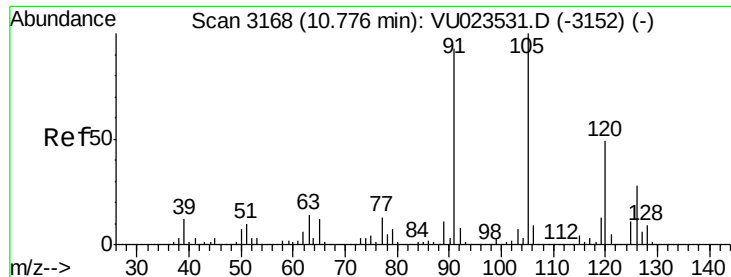
91 296.9 0.0 613.0



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: 2.164 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023849.D

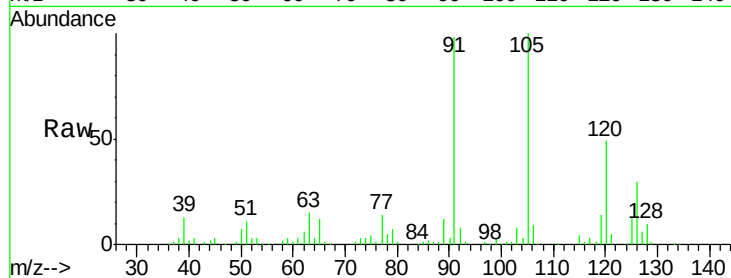
Acq: 14 May 2018 12:12

Tot Ion:105 Resp: 81218

Ion Ratio Lower Upper

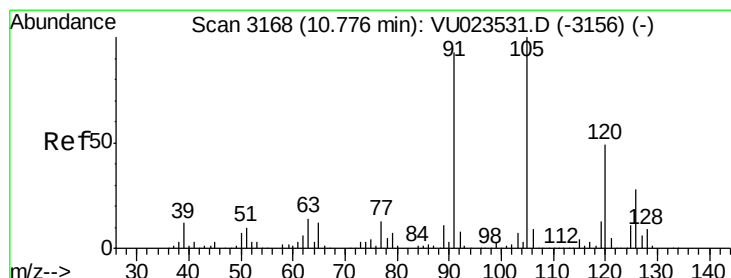
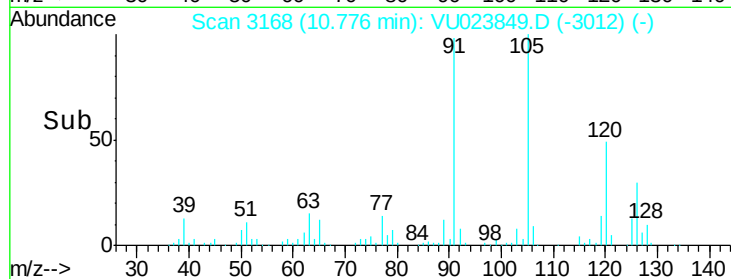
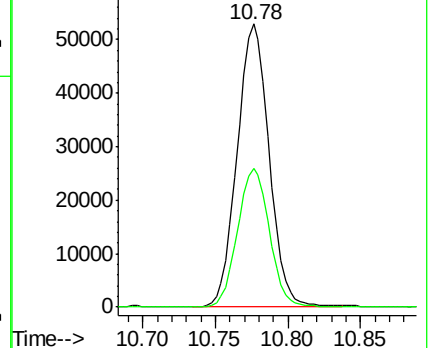
105 100

120 48.8 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: 2.297 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU023849.D

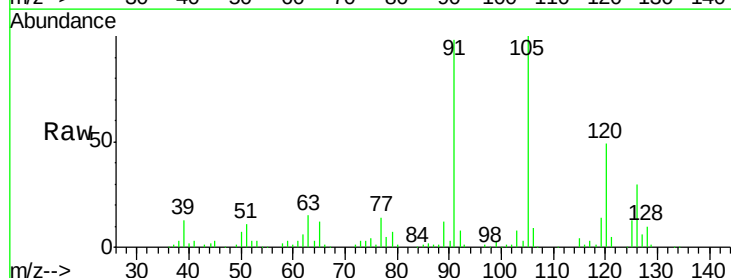
Acq: 14 May 2018 12:12

Tgt Ion:126 Resp: 25907

Ion Ratio Lower Upper

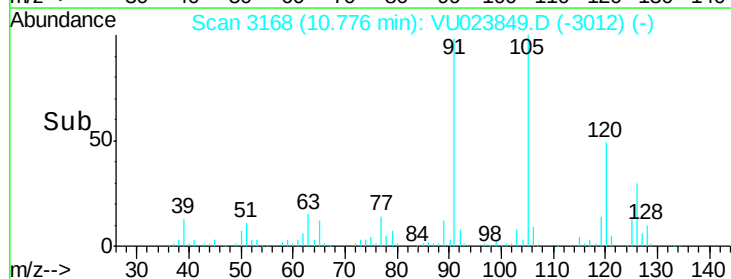
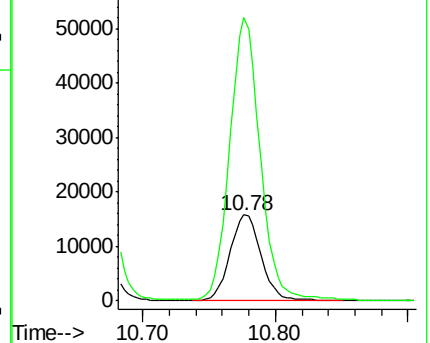
126 100

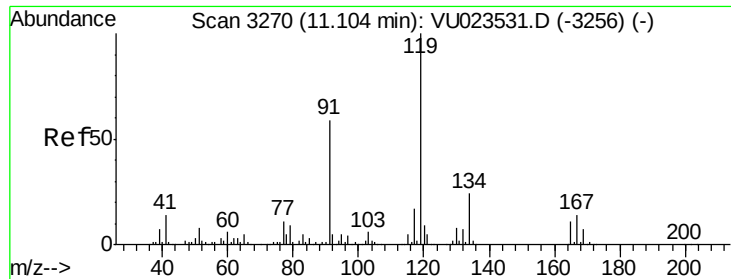
91 320.3 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

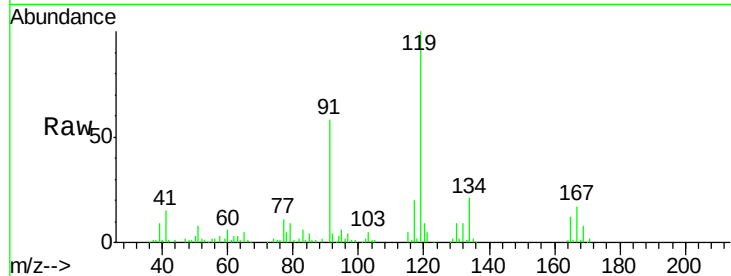
Ion 91.00 (90.70 to 91.70): VU0



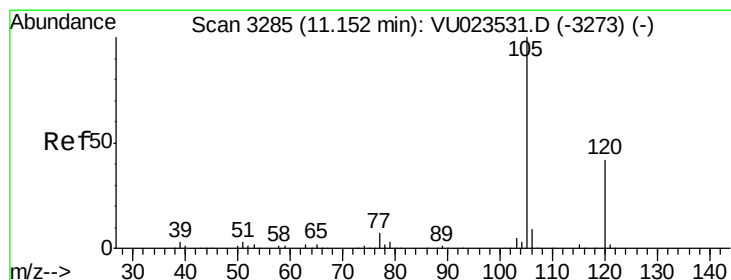
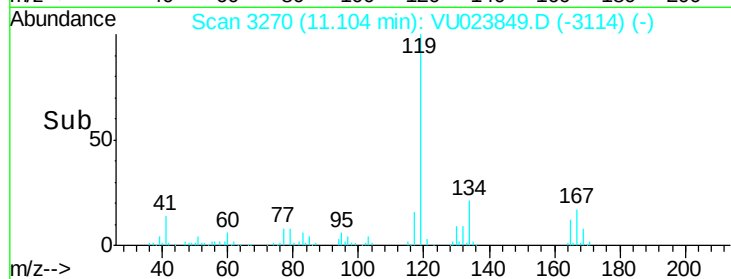
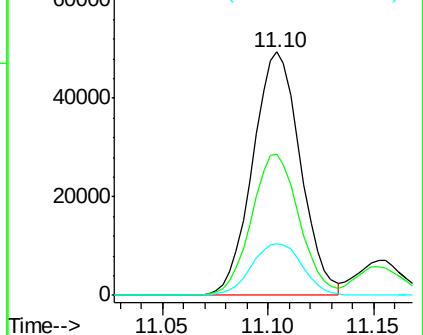


#77
 tert-Butylbenzene
 Concen: 2.211 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion:119 Resp: 77744
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.6 88.8
 134 22.7 19.1 28.7

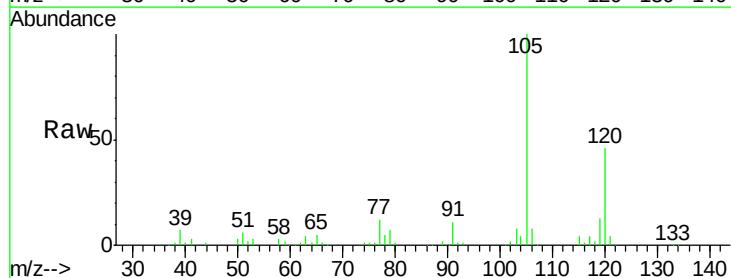


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

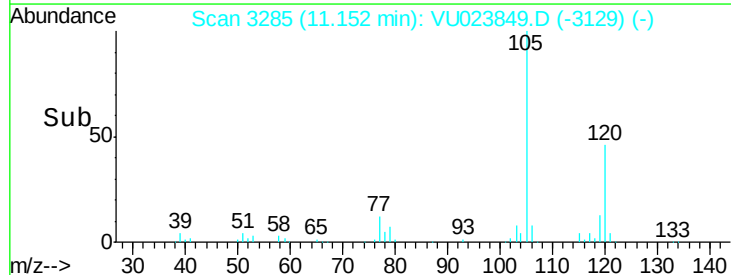
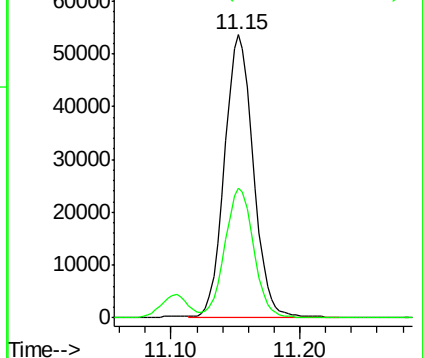


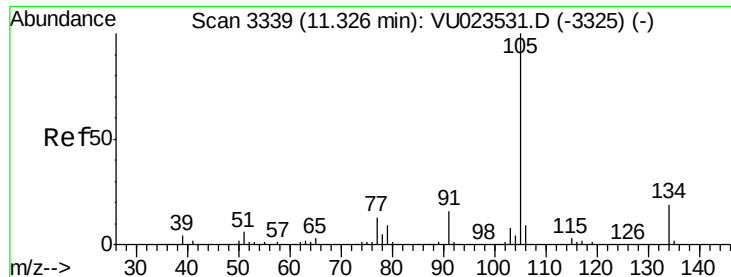
#78
 1,2,4-Trimethylbenzene
 Concen: 2.197 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion:105 Resp: 83228
 Ion Ratio Lower Upper
 105 100
 120 46.1 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: 2.203 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU023849.D

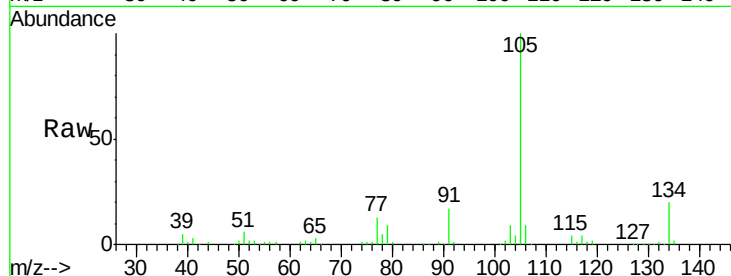
Acq: 14 May 2018 12:12

Tot Ion: 105 Resp: 108461

Ion Ratio Lower Upper

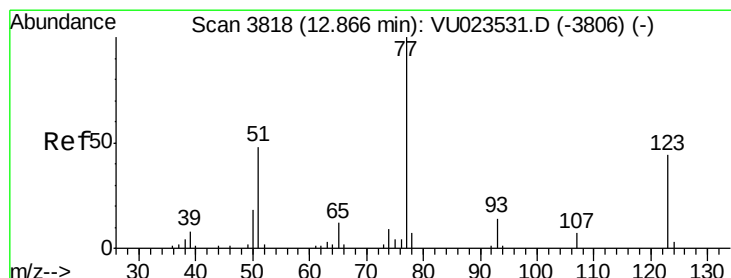
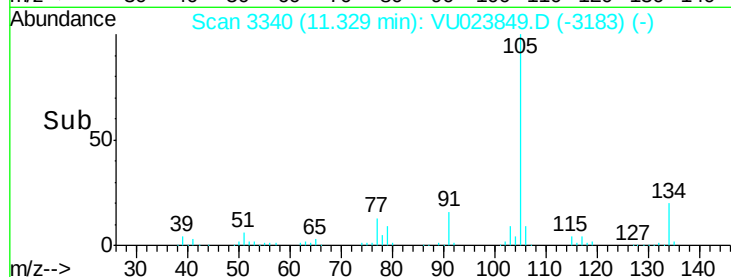
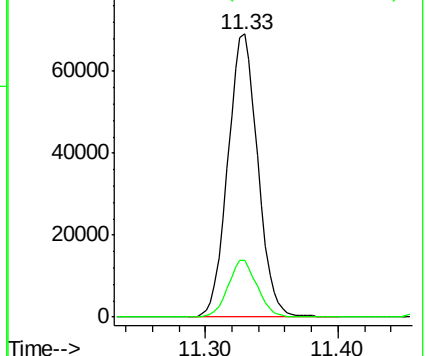
105 100

134 19.5 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: 8.506 ug/l

RT: 12.88 min Scan# 3822

Delta R.T. 0.01 min

Lab File: VU023849.D

Acq: 14 May 2018 12:12

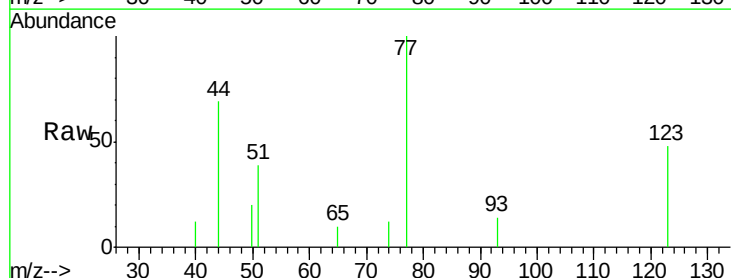
Tgt Ion: 77 Resp: 2280

Ion Ratio Lower Upper

77 100

123 40.4 19.4 68.6

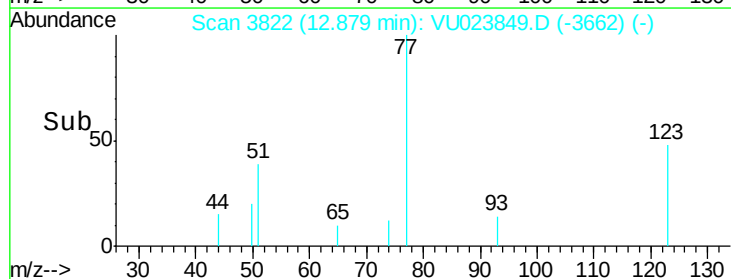
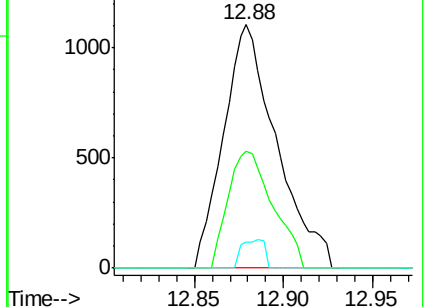
65 5.0 11.2 14.2#

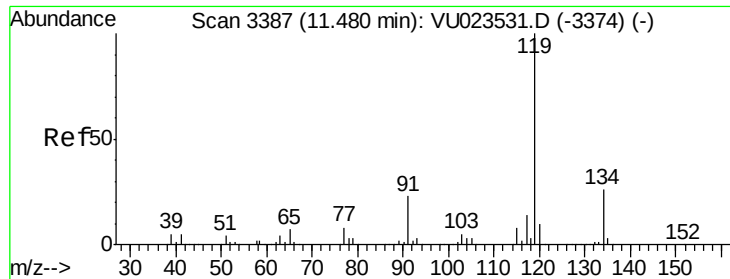


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

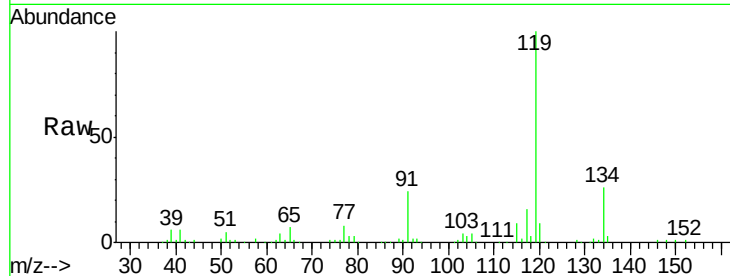
Ion 65.00 (64.70 to 65.70): VU0



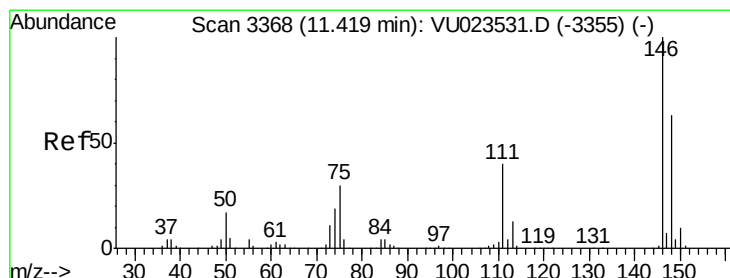
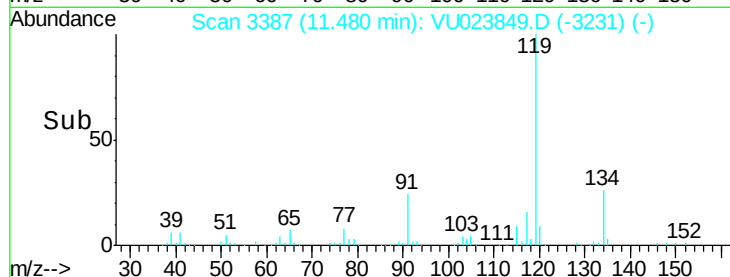
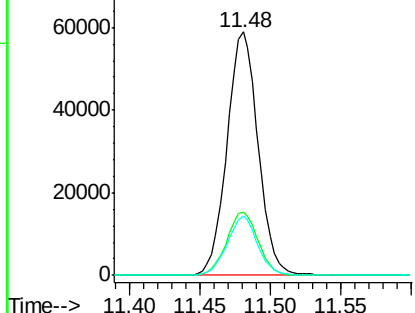


#81
 p-Isopropyltoluene
 Concen: 2.241 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.9	31.3
91	23.8	18.2	27.2

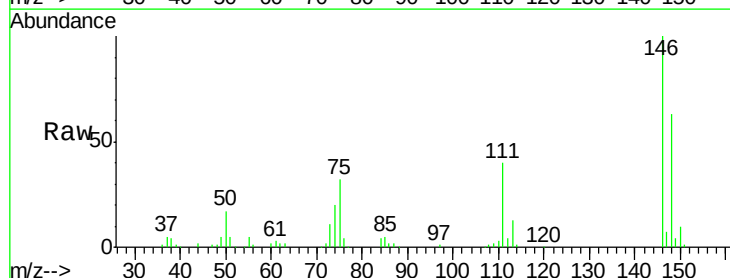


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

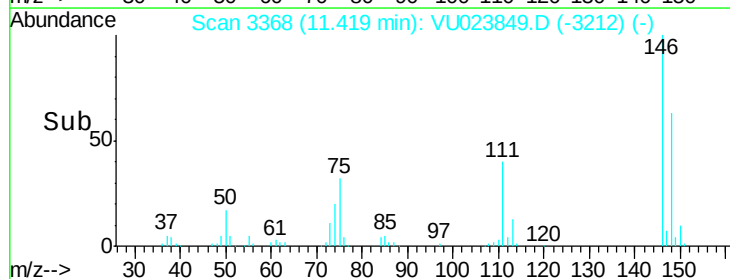
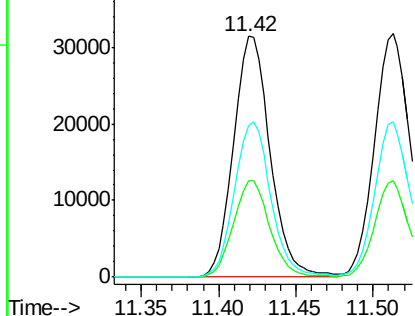


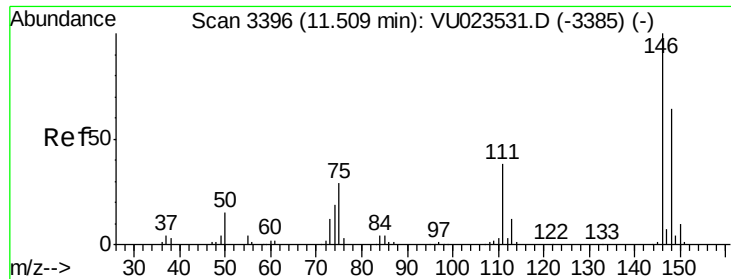
#82
 1,3-Dichlorobenzene
 Concen: 2.338 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.8	47.6
148	63.8	51.0	76.4



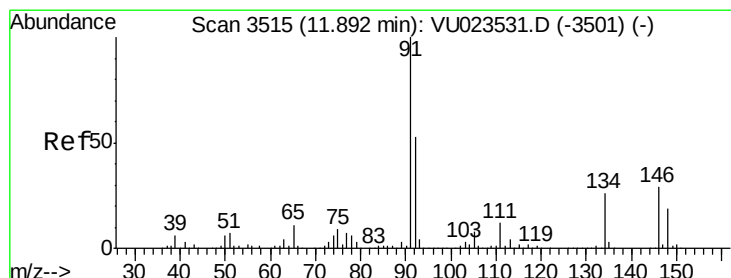
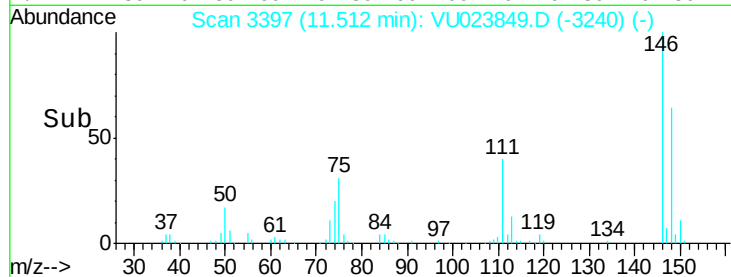
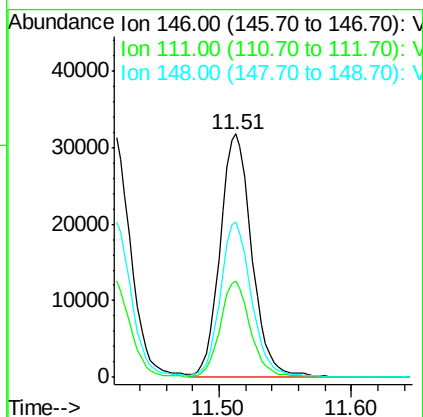
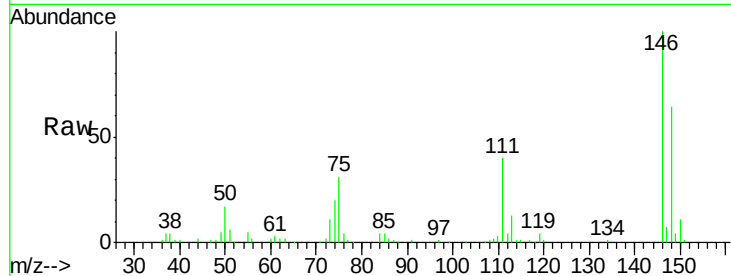
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





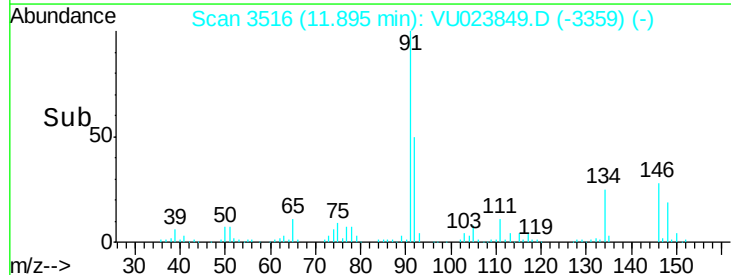
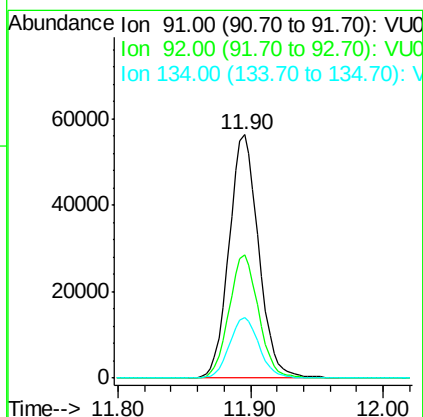
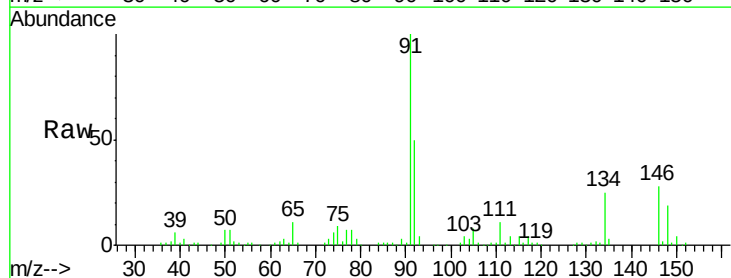
#83
 1,4-Dichlorobenzene
 Concen: 2.391 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

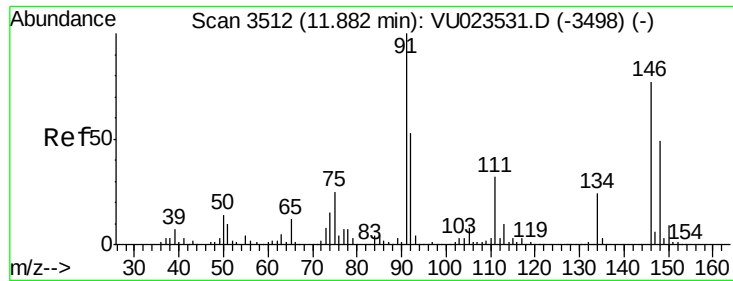
Tot Ion:146 Resp: 52851
 Ion Ratio Lower Upper
 146 100
 111 37.9 30.1 45.1
 148 63.1 50.6 76.0



#84
 n-Butylbenzene
 Concen: 2.215 ug/l
 RT: 11.90 min Scan# 3516
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

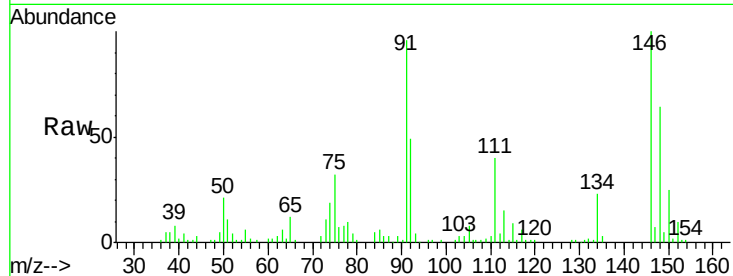
Tgt Ion: 91 Resp: 87502
 Ion Ratio Lower Upper
 91 100
 92 50.5 42.2 63.2
 134 24.7 20.3 30.5



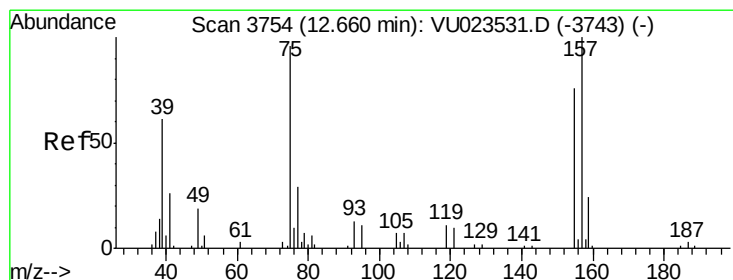
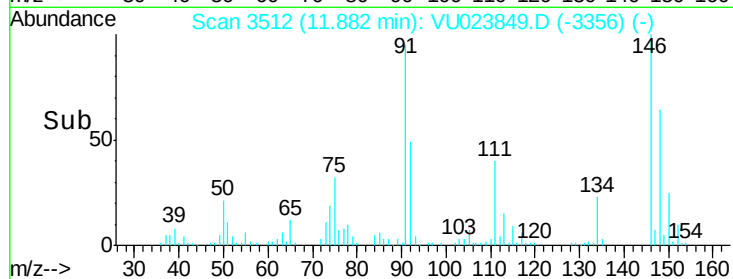
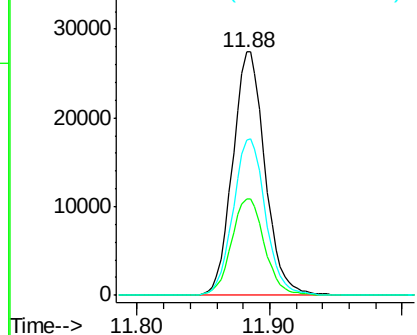


#85
 1,2-Dichlorobenzene
 Concen: 2.326 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion:146 Resp: 46487
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.7 62.1
 148 64.3 31.9 95.5

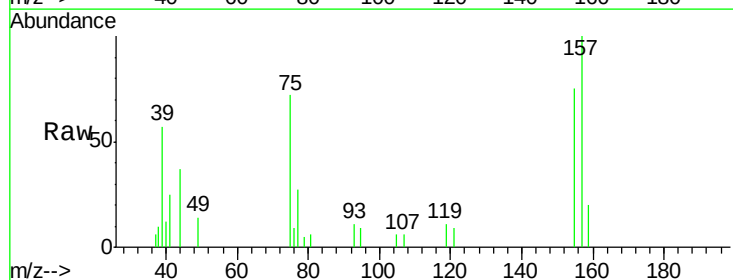


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

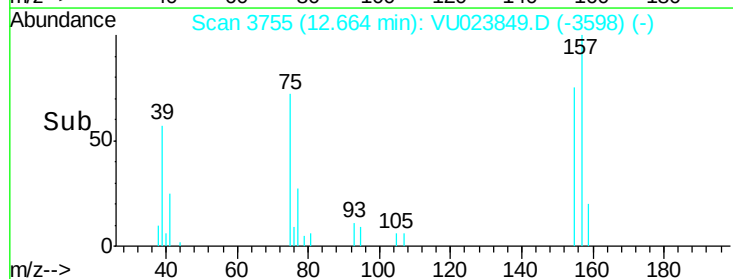
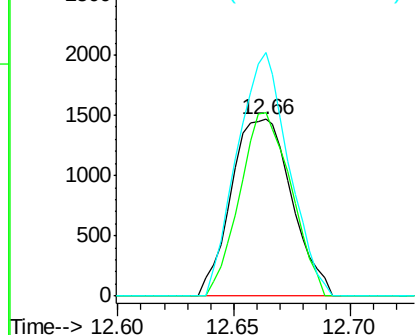


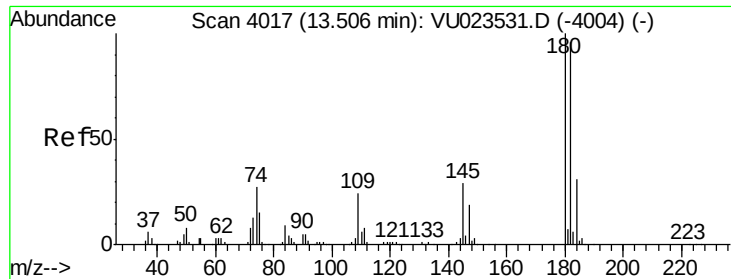
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.199 ug/l
 RT: 12.66 min Scan# 3755
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion: 75 Resp: 2660
 Ion Ratio Lower Upper
 75 100
 155 88.2 65.8 98.6
 157 117.7 83.5 125.3



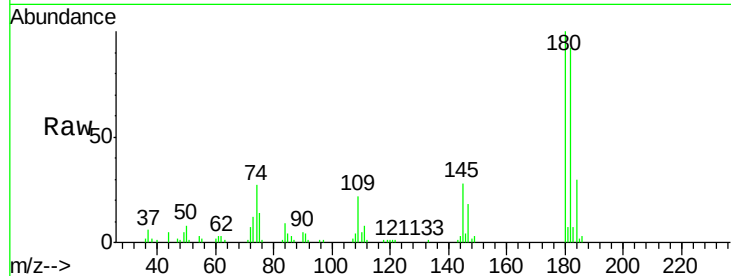
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



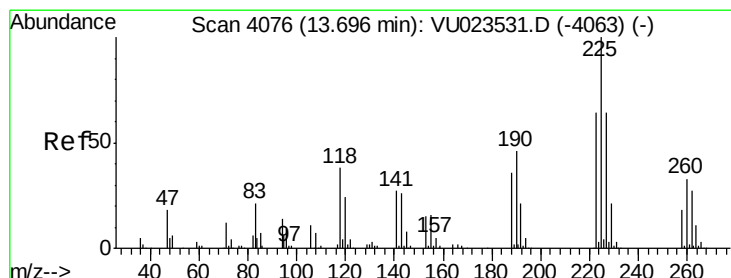
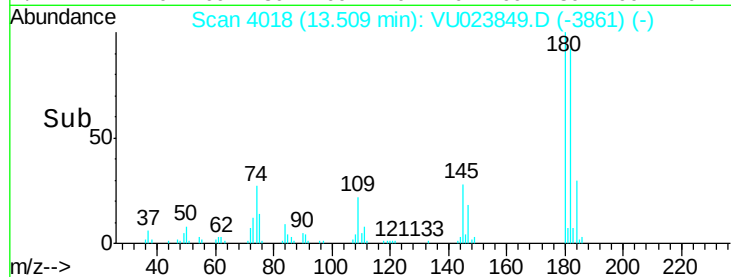
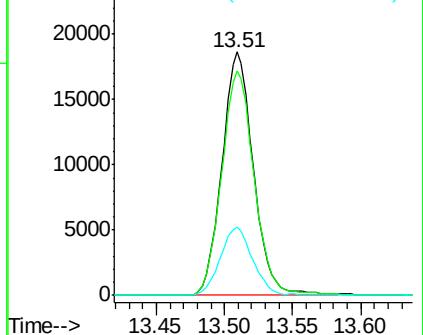


#87
 1,2,4-Trichlorobenzene
 Concen: 2.060 ug/l
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tot Ion:180 Resp: 29773
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.1 115.7
 145 28.6 23.3 34.9

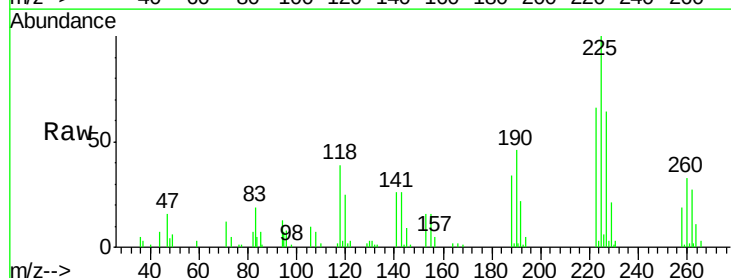


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

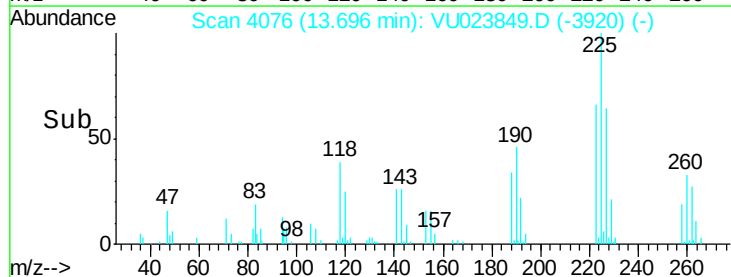
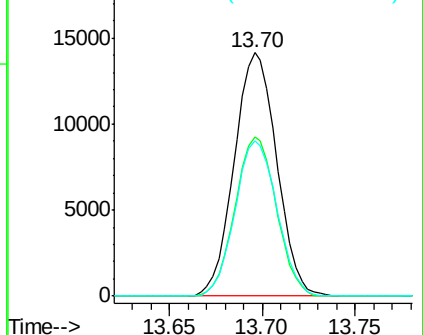


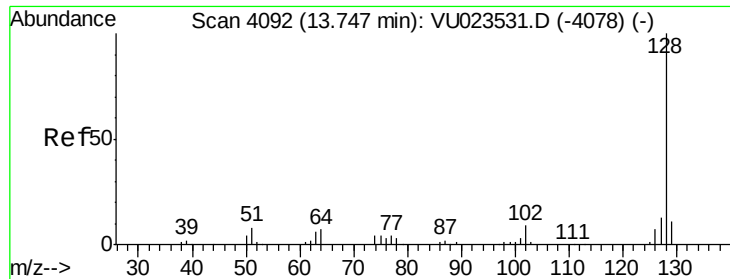
#88
 Hexachlorobutadiene
 Concen: 2.571 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU023849.D
 Acq: 14 May 2018 12:12

Tgt Ion:225 Resp: 22534
 Ion Ratio Lower Upper
 225 100
 223 63.5 50.6 75.8
 227 62.8 51.8 77.6



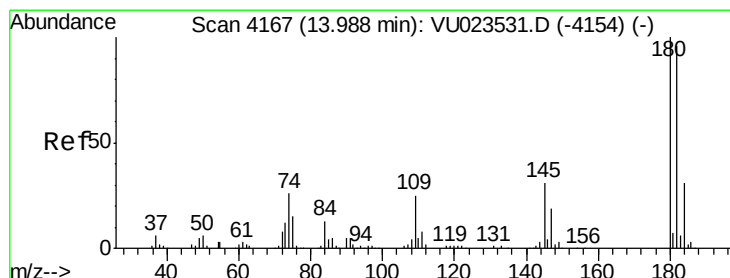
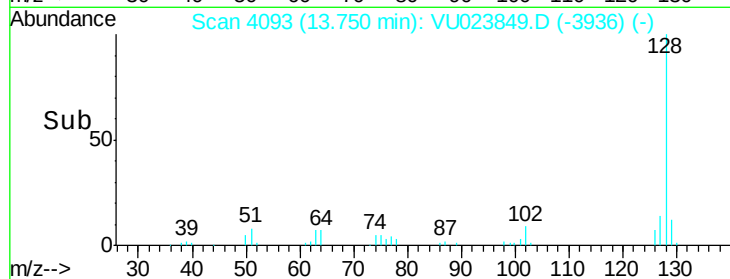
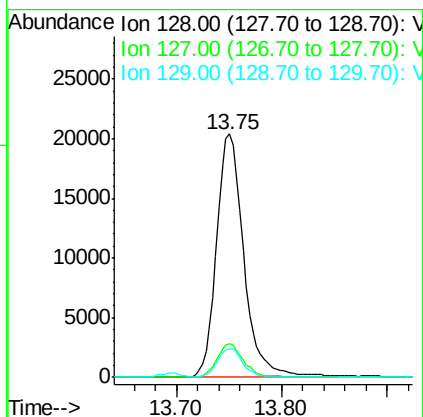
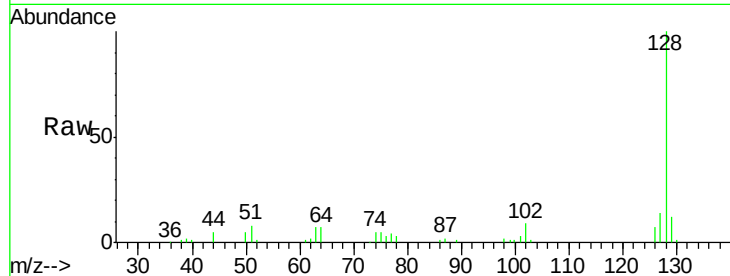
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 1.689 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tot Ion:128 Resp: 36757
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 2.020 ug/l
RT: 13.99 min Scan# 4169
Delta R.T. 0.01 min
Lab File: VU023849.D
Acq: 14 May 2018 12:12

Tgt Ion:180 Resp: 27408
Ion Ratio Lower Upper
180 100
182 96.1 76.8 115.2
145 30.4 24.6 36.8

