

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051418\
 Data File : VU023847.D
 Acq On : 14 May 2018 10:48
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 04:14:09 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	40696	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	15209	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	16058	1.24	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	141260	10.690	ug/l	99
3) Chloromethane	1.33	50	161744	10.565	ug/l	100
4) Vinyl Chloride	1.40	62	161662	11.007	ug/l	99
5) Bromomethane	1.63	94	72799	9.271	ug/l	98
6) Chloroethane	1.70	64	93263	11.407	ug/l	99
7) Trichlorofluoromethane	1.89	101	192405	11.413	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	116137	11.213	ug/l	97
9) 1,1-Dichloroethene	2.29	96	106377	11.062	ug/l	96
10) Iodomethane	2.41	142	81637	7.140	ug/l	98
11) Allyl Chloride	2.60	41	200992	11.371	ug/l	99
12) Acrylonitrile	2.94	53	50816	25.607	ug/l	94
13) Acetone	2.33	43	241050	143.120	ug/l	99
14) Carbon Disulfide	2.48	76	355686	11.243	ug/l	100
15) Methylene Chloride	2.70	84	114928	10.493	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	111968	10.868	ug/l	99
17) 1,1-Dichloroethane	3.45	63	214703	10.580	ug/l	100
18) 2-Butanone	4.28	43	237490	87.262	ug/l	100
19) Cyclohexane	4.99	56	166561	9.499	ug/l	93
20) Methylcyclohexane	6.42	83	183614	10.264	ug/l	99
21) 2,2-Dichloropropane	4.23	77	161841	10.057	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	118774	10.653	ug/l	97
23) Diethyl Ether	2.11	59	89382	11.370	ug/l	97
24) tert-Butyl Alcohol	2.85	59	87185	147.071	ug/l #	81
25) Methyl tert-Butyl Ether	3.00	73	268959	11.130	ug/l	99
26) Bromochloromethane	4.55	128	50841	11.540	ug/l	94
27) Chloroform	4.68	83	202177	10.579	ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	165913	10.583	ug/l	99
29) 1,1-Dichloropropene	5.14	75	161530	10.501	ug/l	99
30) Carbon Tetrachloride	5.14	117	144822	10.980	ug/l	100
31) Isopropyl Ether	3.58	45	330188	9.639	ug/l	97
32) Ethyl-t-butyl ether	4.08	59	279547	9.550	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	239430	9.664	ug/l	99
34) Propionitrile	4.34	54	44130	56.948	ug/l #	94
35) Benzene	5.39	78	454304	9.937	ug/l	99
36) 1,2-Dichloroethane	5.41	62	123947	9.585	ug/l	100
37) Trichloroethene	6.19	130	115925	9.445	ug/l	97
38) 1,2-Dichloropropane	6.44	63	122842	9.796	ug/l	97
39) Methacrylonitrile	4.55	41	39163	9.884	ug/l	95
40) Methyl acrylate	4.43	55	54156	9.854	ug/l	97
41) Tetrahydrofuran	4.65	42	40995	20.079	ug/l	97
42) 1-Chlorobutane	5.07	56	229984	10.315	ug/l	99

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU051418\
 Data File : VU023847.D
 Acq On : 14 May 2018 10:48
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 15 04:14:09 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)
43) Dibromomethane	6.56	93	56005	10.384	ug/l	98
44) Bromodichloromethane	6.76	83	139980	10.329	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	362050	56.800	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	48370m	25.666	ug/l	
47) Methyl methacrylate	6.63	69	107511	22.001	ug/l	97
48) Ethyl methacrylate	8.02	69	92061	10.775	ug/l	100
49) Toluene	7.64	92	276715	10.478	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	125741	10.870	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	157518	10.462	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	77730	10.129	ug/l	98
53) 1,3-Dichloropropane	8.25	76	139318	10.212	ug/l	99
54) 2-Hexanone	8.37	43	341646	78.682	ug/l	99
55) Dibromochloromethane	8.48	129	91462	10.877	ug/l	100
56) 1,2-Dibromoethane	8.59	107	68719	10.393	ug/l	99
58) Tetrachloroethene	8.23	164	112622	10.064	ug/l	96
59) Chlorobenzene	9.12	112	294366	10.413	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	100407	10.457	ug/l	99
61) Pentachloroethane	11.10	117	77925	11.434	ug/l	99
62) Hexachloroethane	12.15	117	78595	12.016	ug/l	99
63) Ethyl Benzene	9.25	91	514514	10.950	ug/l	100
64) m/p-Xylenes	9.38	106	406358	22.425	ug/l	99
65) o-Xylene	9.78	106	195904	11.227	ug/l	100
66) Styrene	9.80	104	332898	11.568	ug/l	100
67) Bromoform	9.96	173	51846	11.806	ug/l	100
69) Isopropylbenzene	10.17	105	503209	11.195	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	96756	11.187	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	60701	9.806	ug/l #	94
72) Bromobenzene	10.45	156	124806	11.153	ug/l	98
73) n-propylbenzene	10.59	120	146941	11.826	ug/l	99
74) 2-Chlorotoluene	10.66	126	126408	11.506	ug/l	93
75) 1,3,5-Trimethylbenzene	10.78	105	450763	11.903	ug/l	100
76) 4-Chlorotoluene	10.78	126	132303	11.624	ug/l	98
77) tert-Butylbenzene	11.10	119	423632	11.941	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	462470	12.096	ug/l	99
79) sec-Butylbenzene	11.33	105	590717	11.891	ug/l	100
80) Nitrobenzene	12.87	77	16468	46.179	ug/l	96
81) p-Isopropyltoluene	11.48	119	511491	12.529	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	256415	11.480	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	260222	11.666	ug/l	100
84) n-Butylbenzene	11.89	91	489461	12.281	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	233977	11.603	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16006	13.113	ug/l	97
87) 1,2,4-Trichlorobenzene	13.51	180	173900	11.923	ug/l	98
88) Hexachlorobutadiene	13.70	225	110087	12.448	ug/l	98
89) Naphthalene	13.75	128	261235	11.893	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	160942	11.755	ug/l	100

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

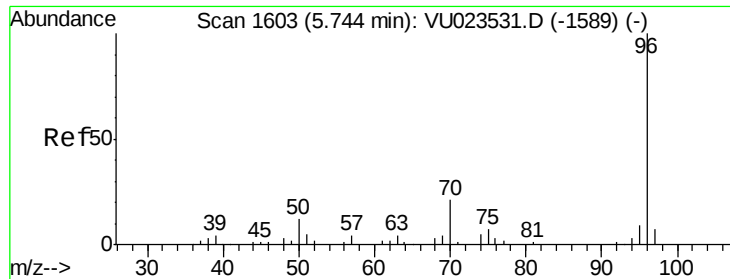
TIC: VU023847.D

Abundance

Time-->

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

1,1-Dichloroethane, T
Chloroethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl ether, t
Iodomethane, t
Acetone, T
Carbon disulfide, T
Methyl chloride, RT
tert-Butyl alcohol, t
Methyl 1,2-Dibutyl ether, RT
1,1-Dichloroethane, t
Isopropyl ether, t
Ethyl 1-butyl ether
cis-2,3-Dichloropropene, RT
Methyl 1,2-Dichloroethane, t
Tetrahydrofuran, t
1,1,1-Trichloroethane, RT
1,2-Dichloroethane, RT
Carbon tetrachloride, RT
1,2-Dichloroethane, RT
Tert-Amyl methyl ether
Fluorobenzene, i
Trichloroethene, RT
1,2-Methylpropyl ether, RT
Methyl methyl propyl ether, T
Bromodichloromethane, t
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, RT
1,3-Dichloropropene, T
Ethyl methyl propyl ether, RT
1,2-Dichloroethane, t
1,2-Dibromochloroethane, t
1,1,2,2-Tetrachloroethane, RT
Ethyl Benzene, RT
m/p-Xylenes, RT
Bromofom, t
4-Bromofluorobenzene, S
1,2-Dibromochloroethane, t
2-Chlorotoluene, t
n-propylbenzene, t
Isopropylbenzene, T
1,2,4-Trichlorobenzene, t
sec-Butylbenzene, t
p-Isopropyltoluene, t
1,3-Dichlorobenzene, RT
1,2-Dichlorobenzene, RT
1,2-Dichlorobenzene-4,5
Hexachloroethane, t
1,2-Dibromo-3-Chloropropane, t
Nitrobenzene
naphthalene, t
1,2-Trichlorobenzene, RT
Hexachlorobutadiene, t
1,2,3-Trichlorobenzene, t



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion: 96 Resp: 40696

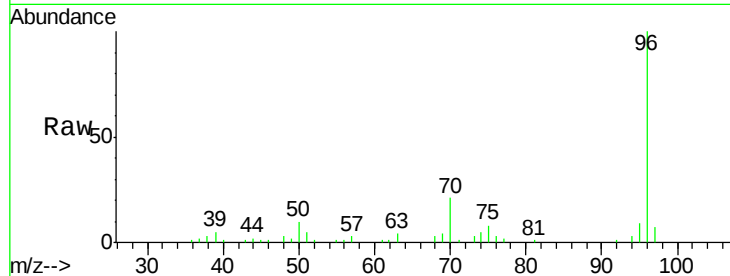
Ion Ratio Lower Upper

96 100

70 22.5 16.2 24.4

95 9.0 6.9 10.3

97 0.0 0.0 0.0

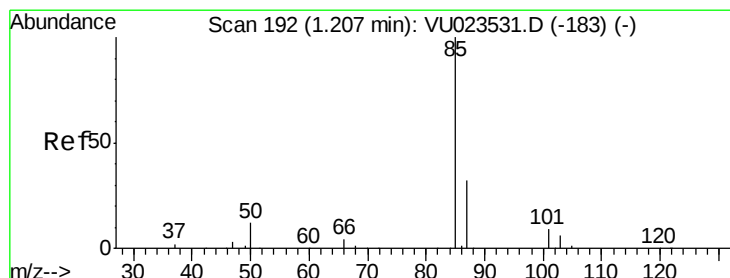
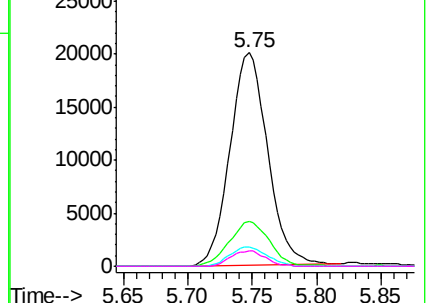
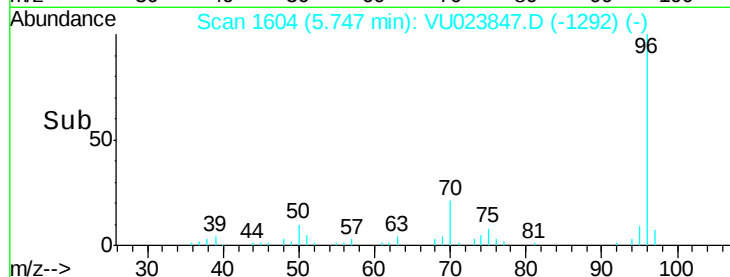


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.690 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023847.D

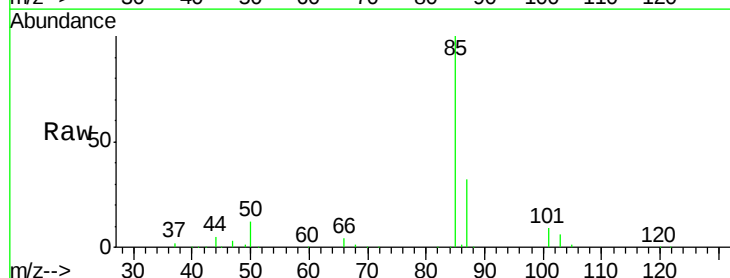
Acq: 14 May 2018 10:48

Tgt Ion: 85 Resp: 141260

Ion Ratio Lower Upper

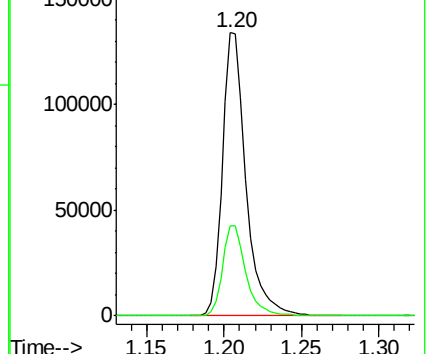
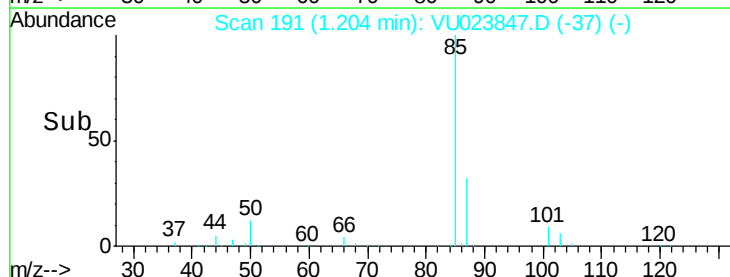
85 100

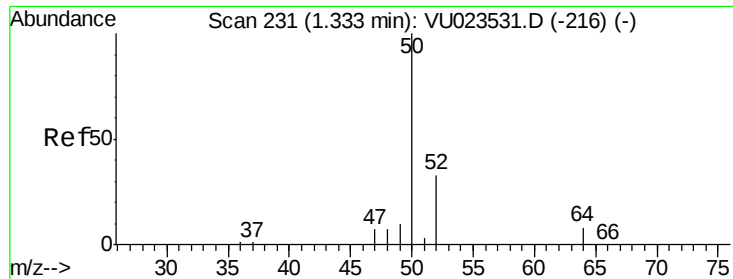
87 32.0 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.565 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.01 min

Lab File: VU023847.D

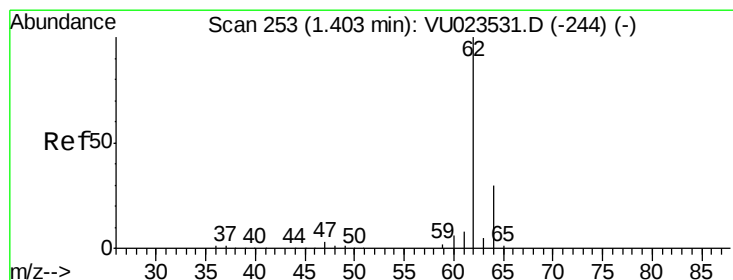
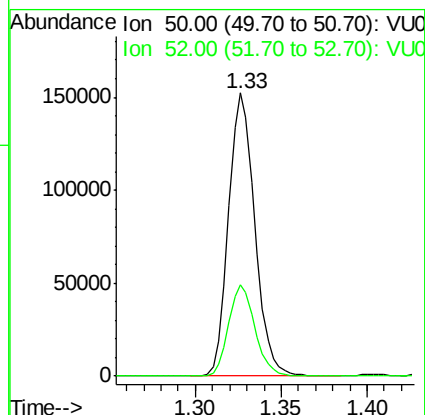
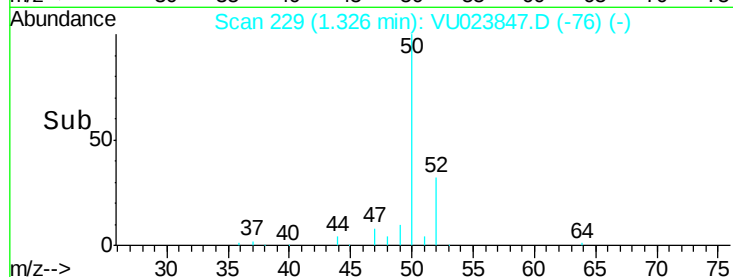
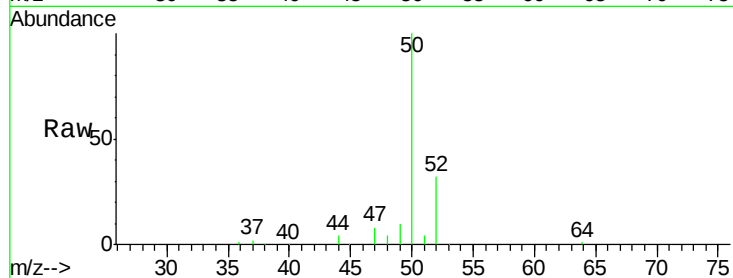
Acq: 14 May 2018 10:48

Tot Ion: 50 Resp: 161744

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 11.007 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023847.D

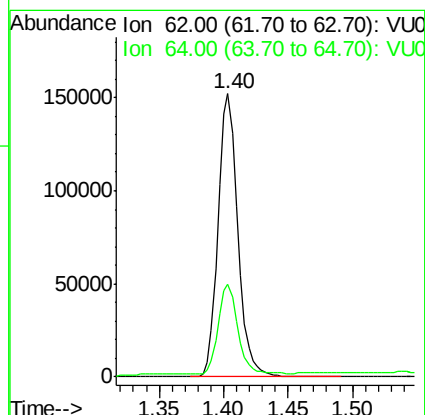
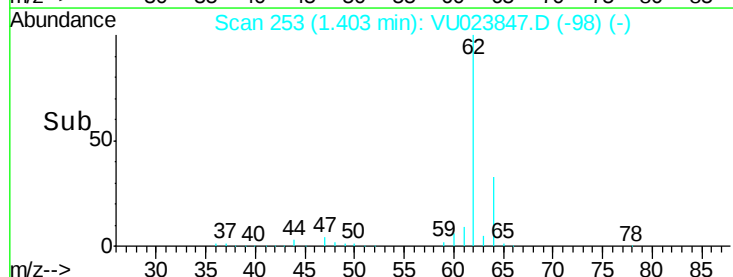
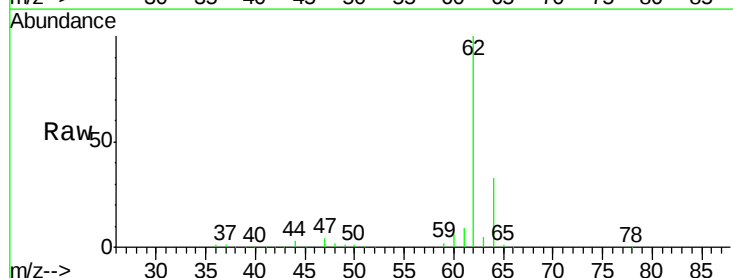
Acq: 14 May 2018 10:48

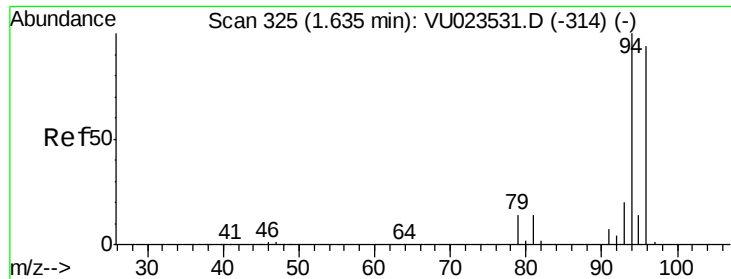
Tgt Ion: 62 Resp: 161662

Ion Ratio Lower Upper

62 100

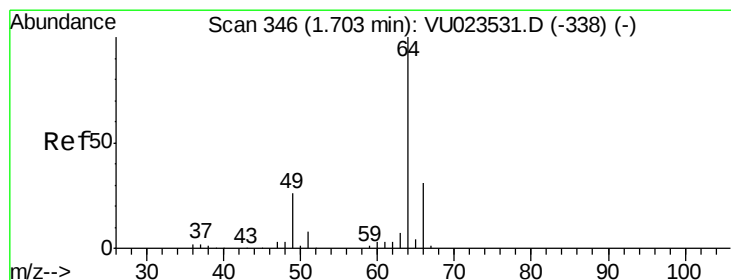
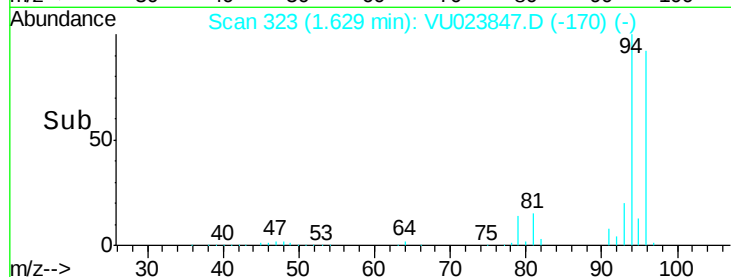
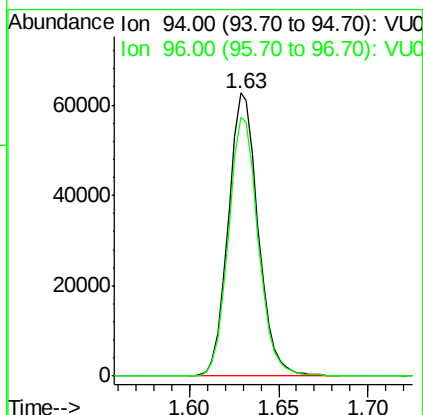
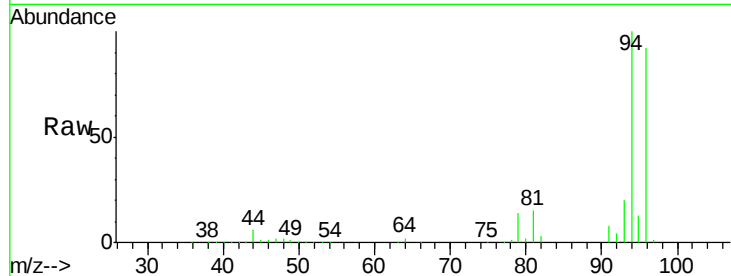
64 31.8 25.8 38.8





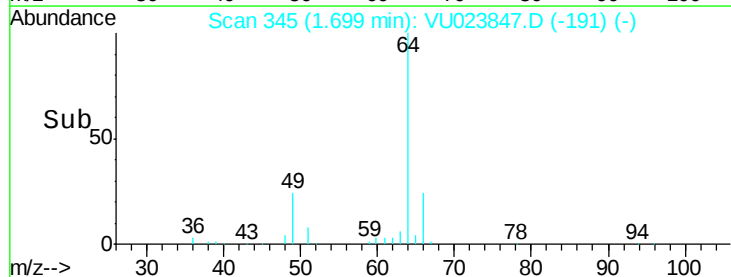
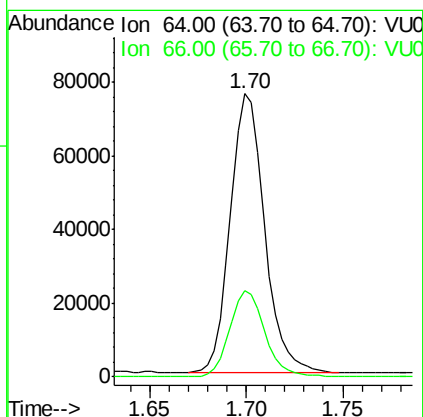
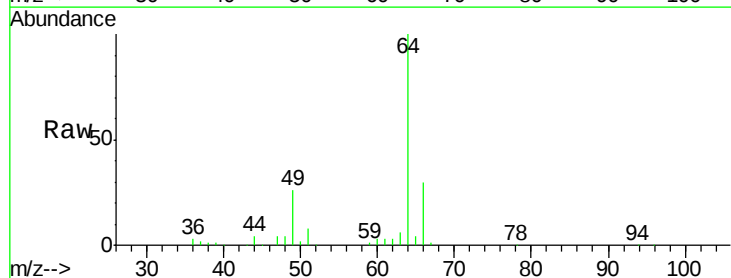
#5
Bromomethane
Concen: 9.271 ug/l
RT: 1.63 min Scan# 323
Delta R.T. -0.01 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

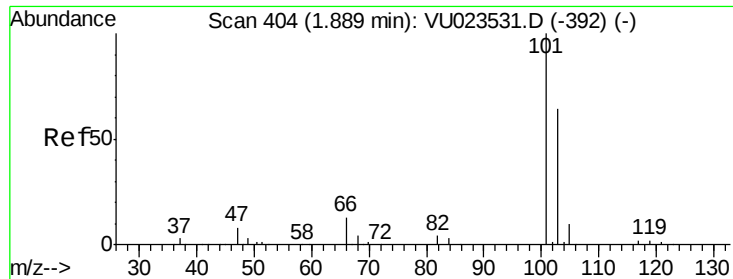
Tot Ion: 94 Resp: 72799
Ion Ratio Lower Upper
94 100
96 91.7 75.1 112.7



#6
Chloroethane
Concen: 11.407 ug/l
RT: 1.70 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt Ion: 64 Resp: 93263
Ion Ratio Lower Upper
64 100
66 30.7 24.9 37.3





#7

Trichlorofluoromethane

Concen: 11.413 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023847.D

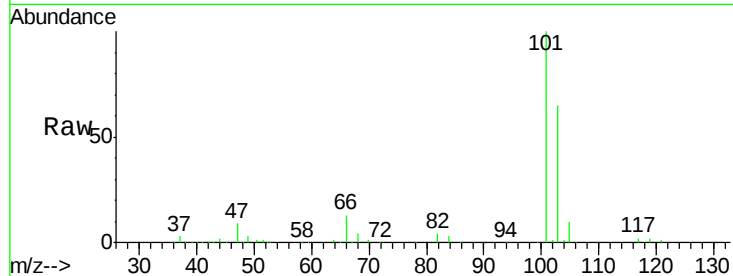
Acq: 14 May 2018 10:48

Tot Ion:101 Resp: 192405

Ion Ratio Lower Upper

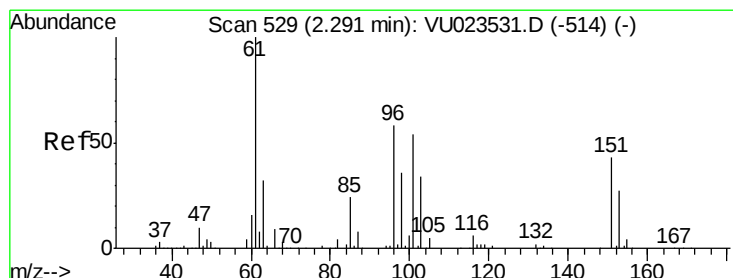
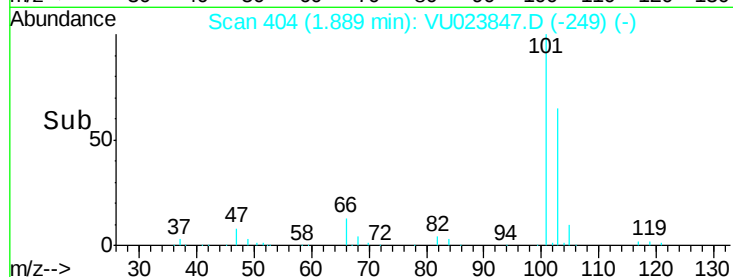
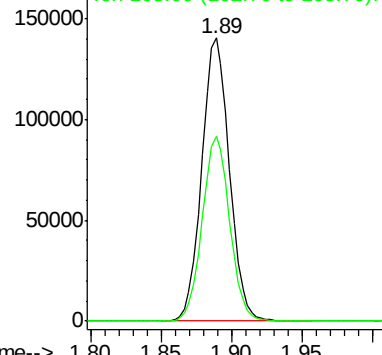
101 100

103 65.3 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 11.213 ug/l

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

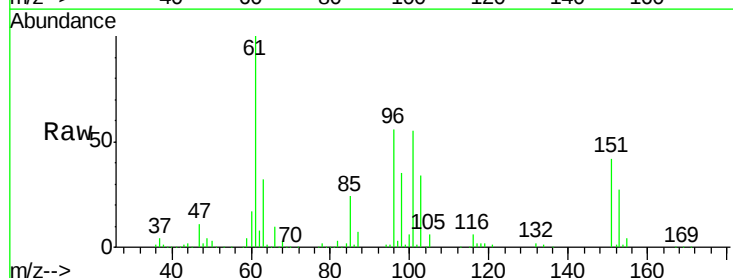
Tgt Ion:101 Resp: 116137

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

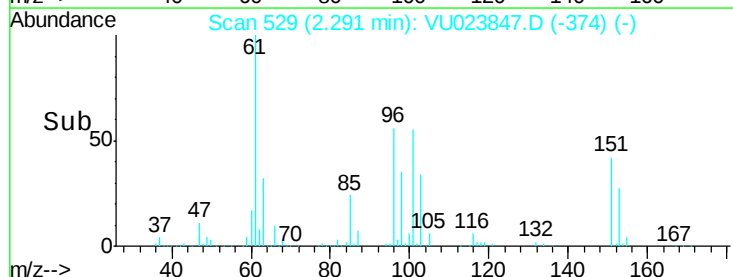
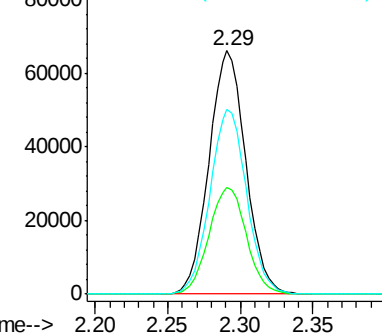
151 75.9 63.5 95.3

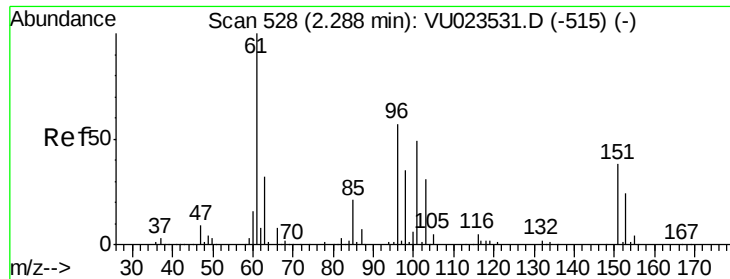


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 11.062 ug/l

RT: 2.29 min Scan# 528

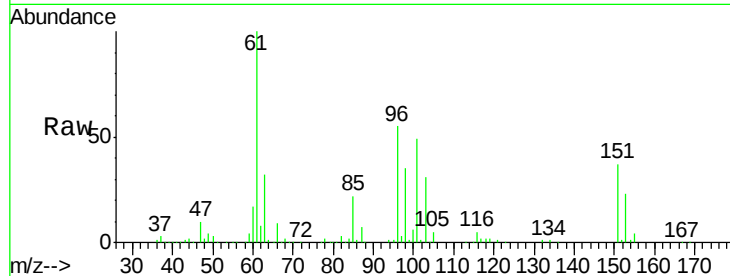
Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion: 96 Resp: 106377

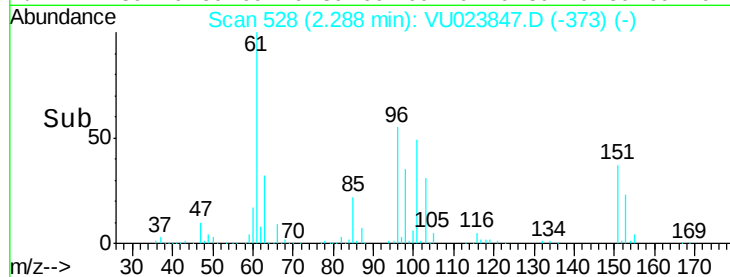
Ion	Ratio	Lower	Upper
96	100		
61	182.9	0.0	526.5
98	63.2	0.0	123.4



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

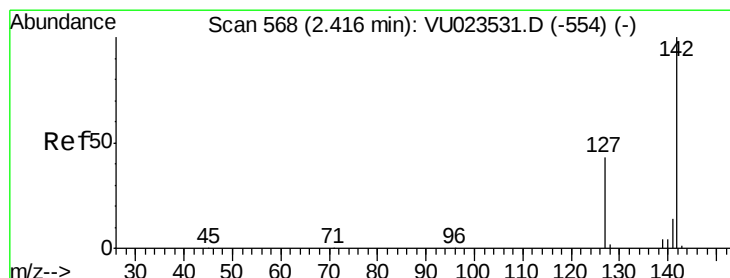
Ion 98.00 (97.70 to 98.70): VU0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 7.140 ug/l

RT: 2.41 min Scan# 567

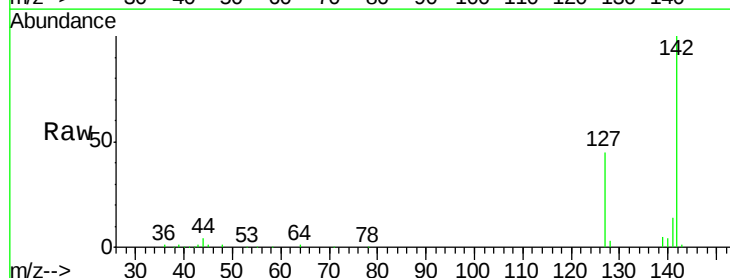
Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

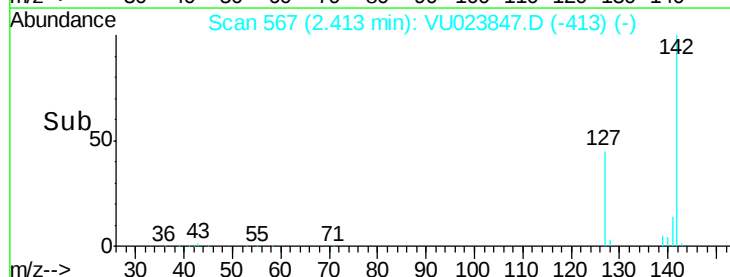
Tgt Ion:142 Resp: 81637

Ion	Ratio	Lower	Upper
142	100		
127	44.2	34.5	51.7



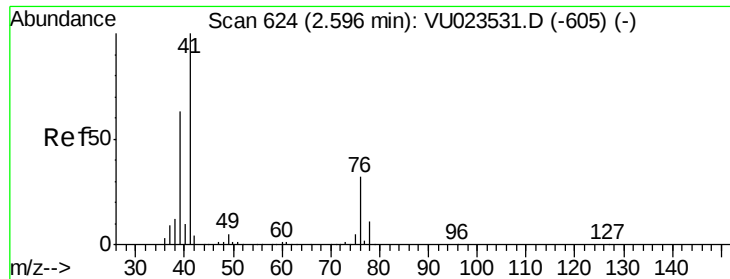
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V



#11

Allvl Chloride

Concen: 11.371 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU023847.D

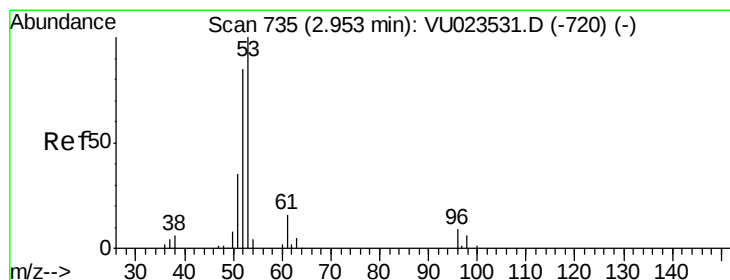
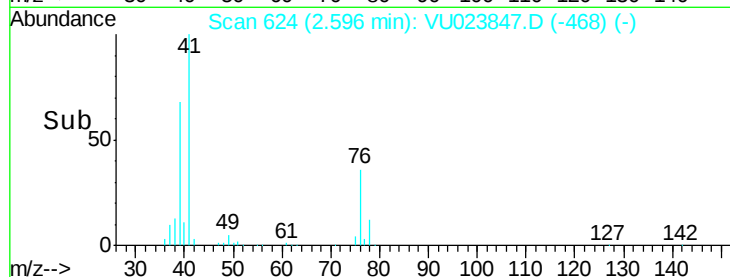
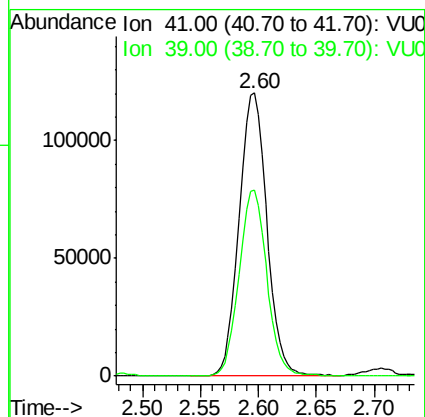
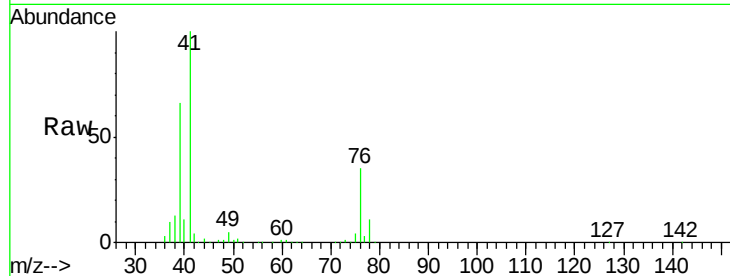
Acq: 14 May 2018 10:48

Tot Ion: 41 Resp: 200992

Ion Ratio Lower Upper

41 100

39 65.2 51.4 77.2



#12

Acrylonitrile

Concen: 25.607 ug/l

RT: 2.94 min Scan# 732

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

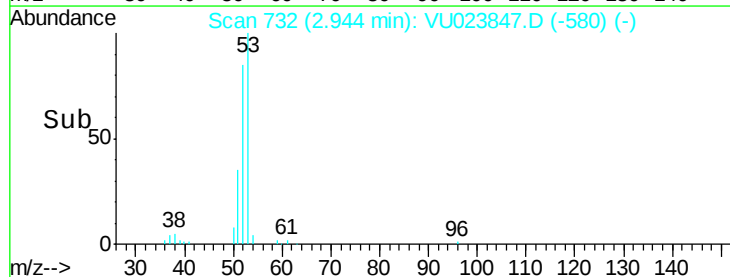
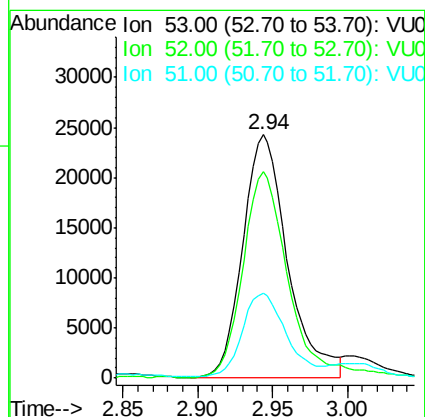
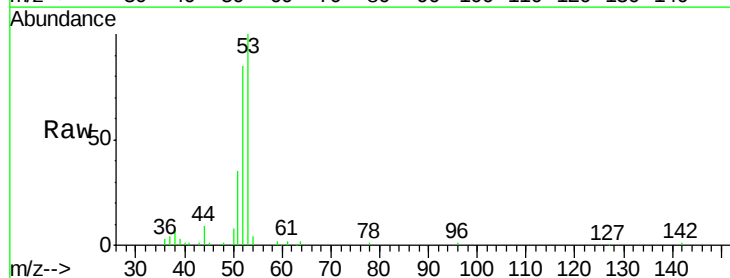
Tgt Ion: 53 Resp: 50816

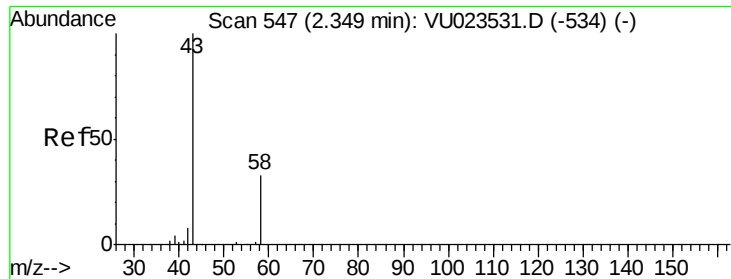
Ion Ratio Lower Upper

53 100

52 86.9 65.1 97.7

51 33.5 30.2 45.4





#13

Acetone

Concen: 143.120 ug/l

RT: 2.33 min Scan# 541

Delta R.T. -0.02 min

Lab File: VU023847.D

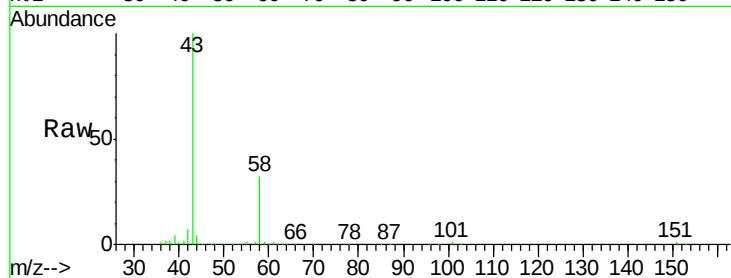
Acq: 14 May 2018 10:48

Tot Ion: 43 Resp: 241050

Ion Ratio Lower Upper

43 100

58 31.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

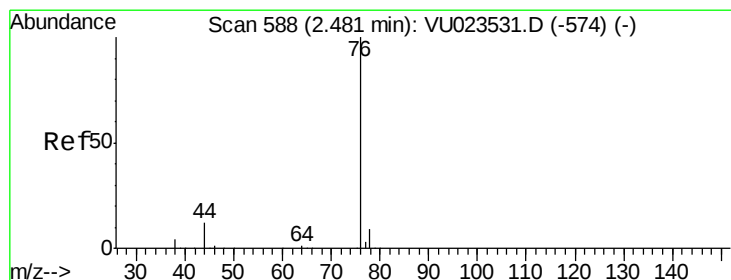
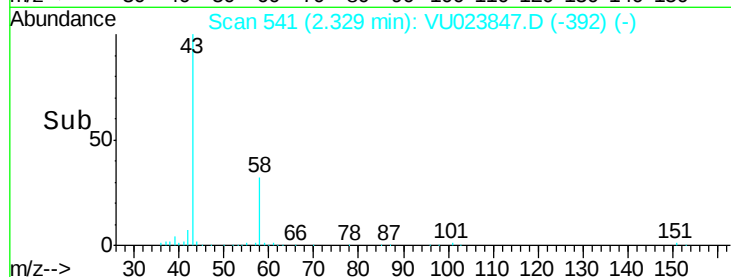
150000

100000

50000

0

Time--> 2.20 2.30 2.40



#14

Carbon Disulfide

Concen: 11.243 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023847.D

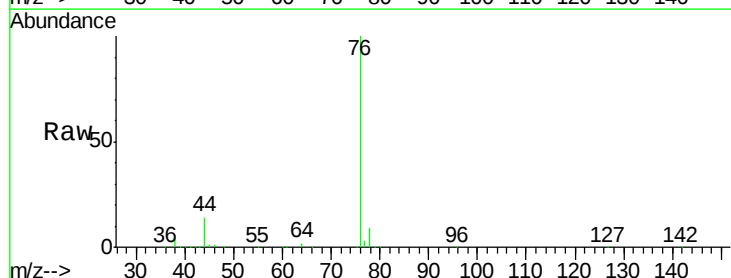
Acq: 14 May 2018 10:48

Tgt Ion: 76 Resp: 355686

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

250000

200000

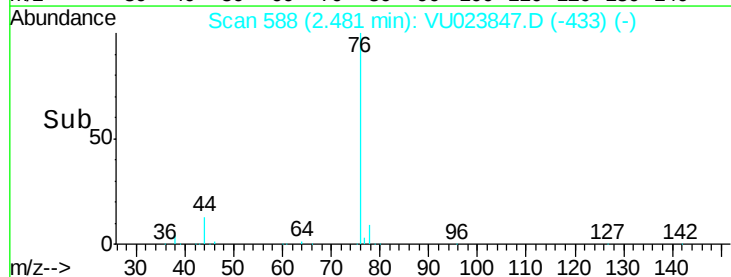
150000

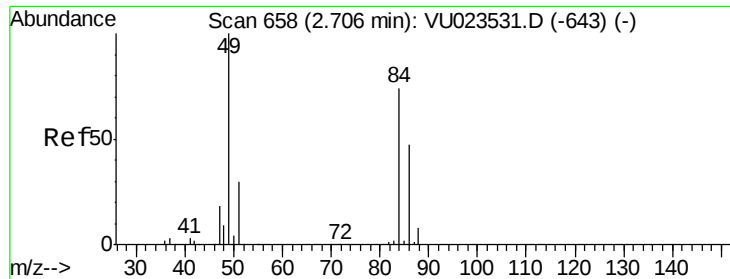
100000

50000

0

Time--> 2.40 2.45 2.50 2.55 2.60

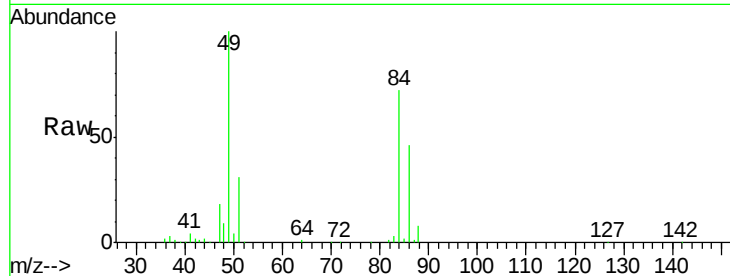




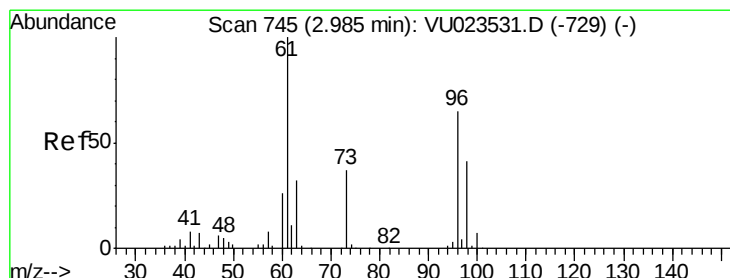
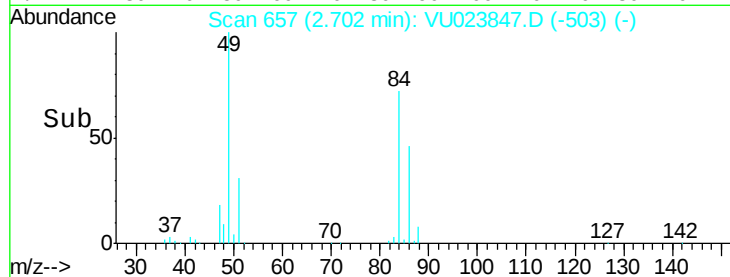
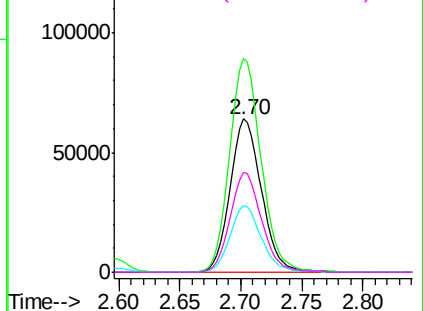
#15
Methvlene Chloride
Concen: 10.493 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tot Ion: 84 Resp: 114928

Ion	Ratio	Lower	Upper
84	100		
49	139.4	108.7	163.1
51	43.4	0.0	82.4
86	64.8	50.7	76.1



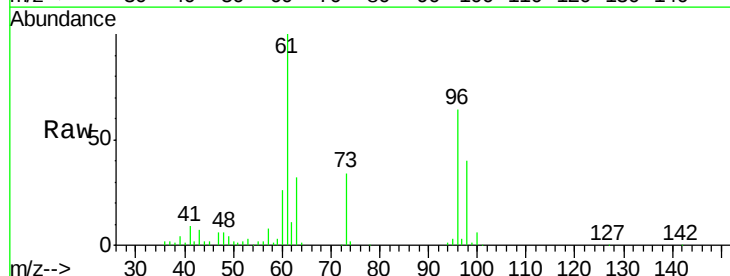
Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



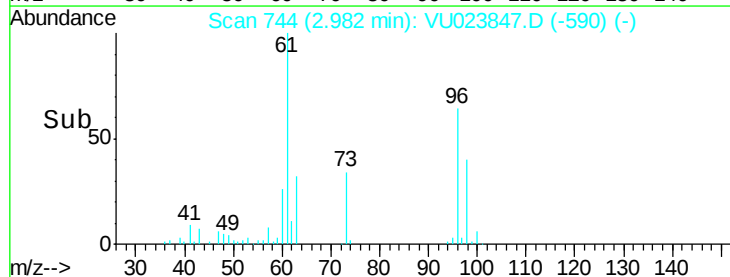
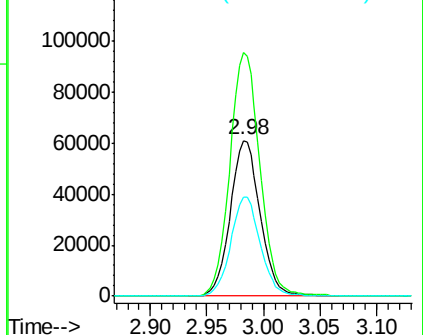
#16
trans-1,2-Dichloroethene
Concen: 10.868 ug/l
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

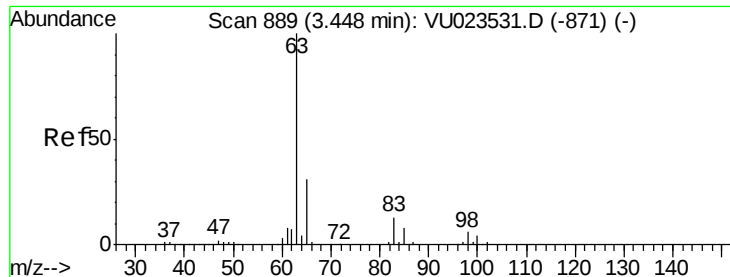
Tgt Ion: 96 Resp: 111968

Ion	Ratio	Lower	Upper
96	100		
61	156.6	123.9	185.9
98	63.4	50.6	76.0



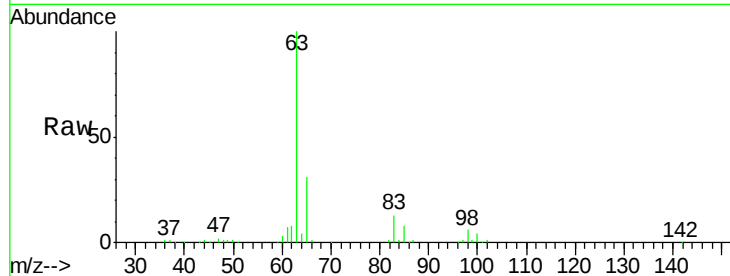
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



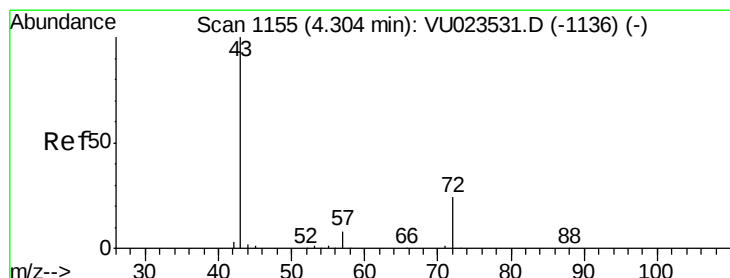
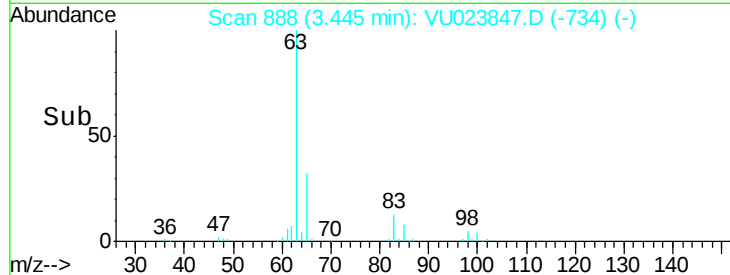
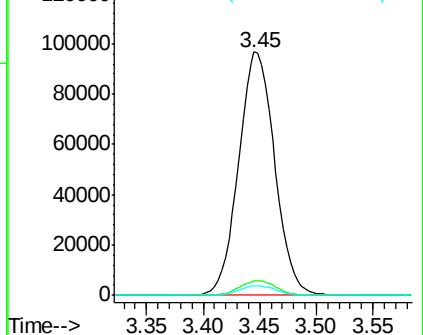


#17
 1,1-Dichloroethane
 Concen: 10.580 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	4.1	2.0	5.8

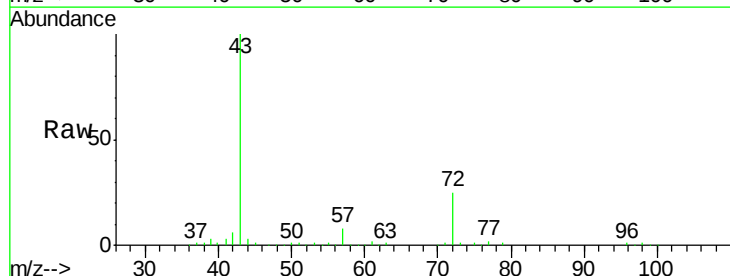


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

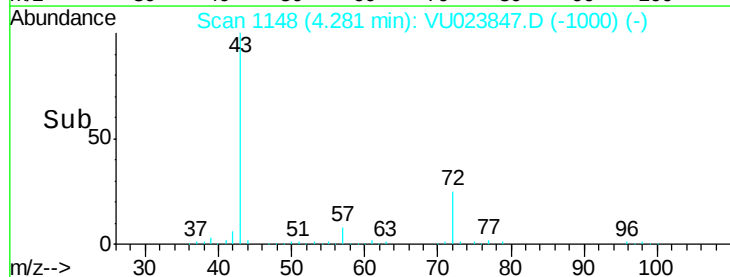
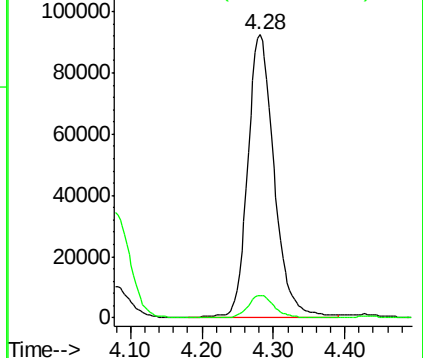


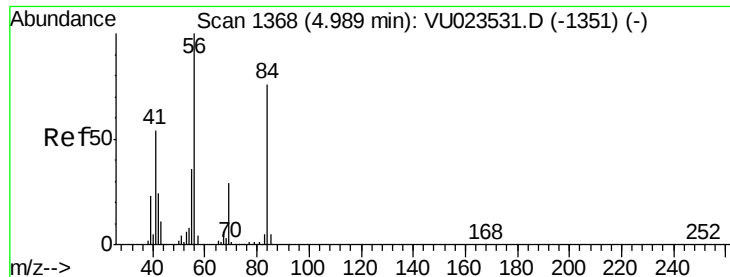
#18
 2-Butanone
 Concen: 87.262 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	0.0	15.8



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





#19

Cyclohexane

Concen: 9.499 ug/l

RT: 4.99 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

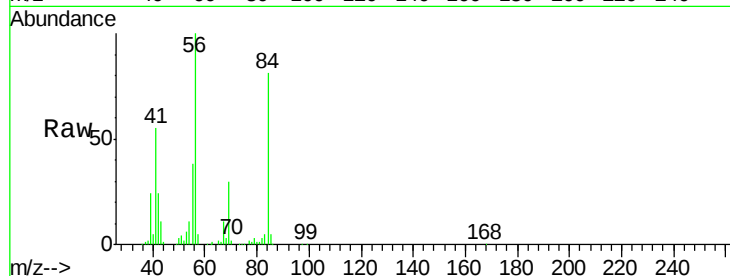
Tot Ion: 56 Resp: 166561

Ion Ratio Lower Upper

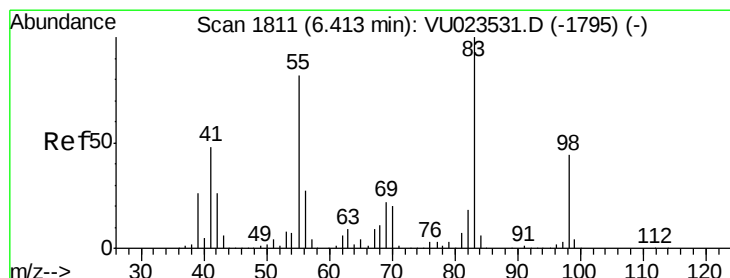
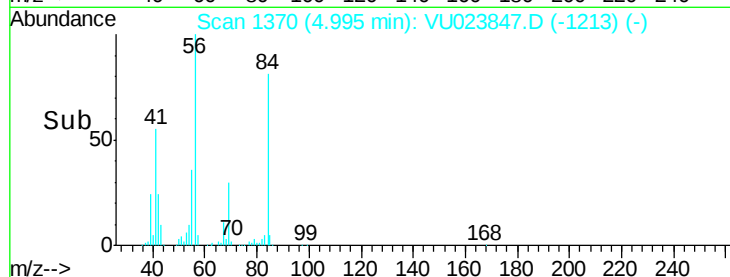
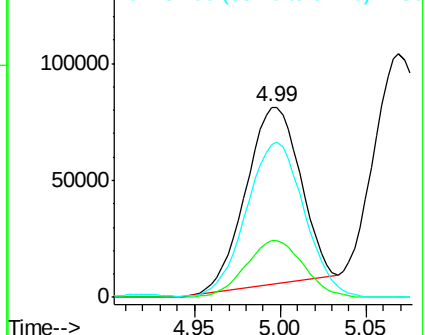
56 100

69 34.5 26.0 39.0

84 92.8 68.3 102.5



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



#20

Methylcyclohexane

Concen: 10.264 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

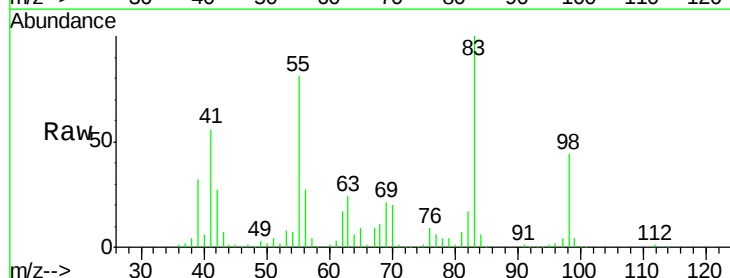
Tgt Ion: 83 Resp: 183614

Ion Ratio Lower Upper

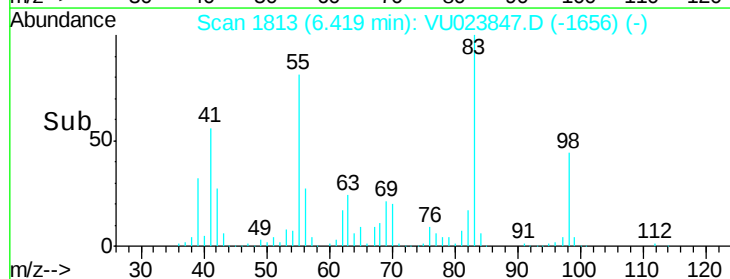
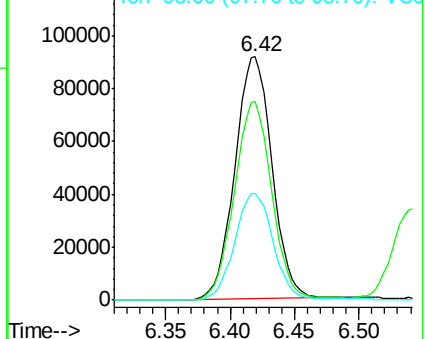
83 100

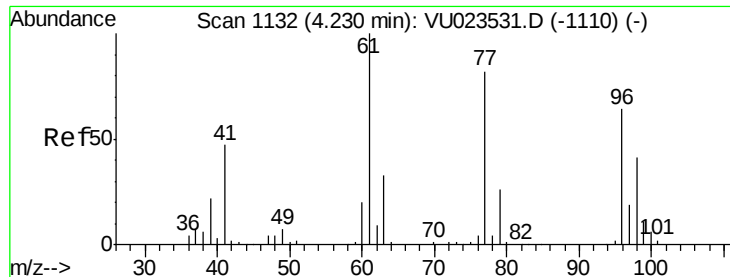
55 81.6 66.4 99.6

98 44.6 35.4 53.2



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





#21

2,2-Dichloropropane

Concen: 10.057 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023847.D

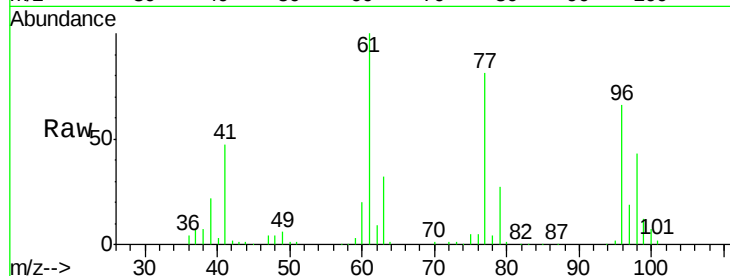
Acq: 14 May 2018 10:48

Tot Ion: 77 Resp: 161841

Ion Ratio Lower Upper

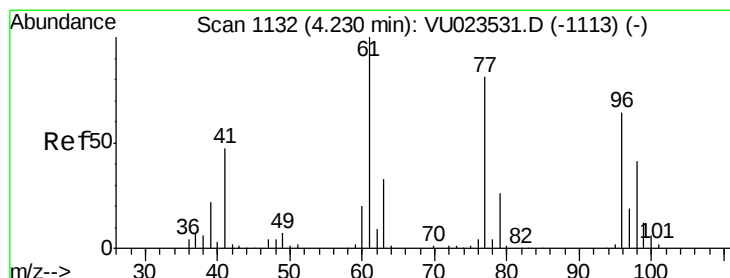
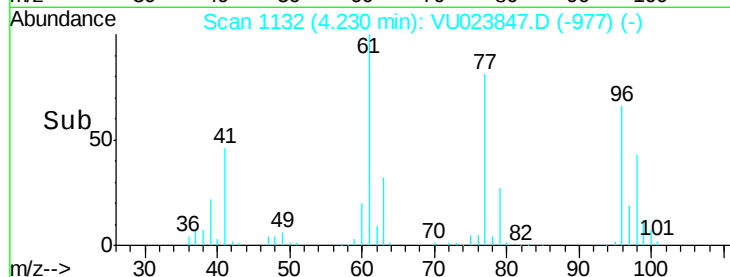
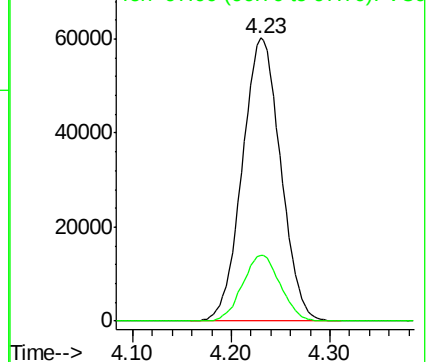
77 100

97 23.0 17.9 26.9



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 10.653 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

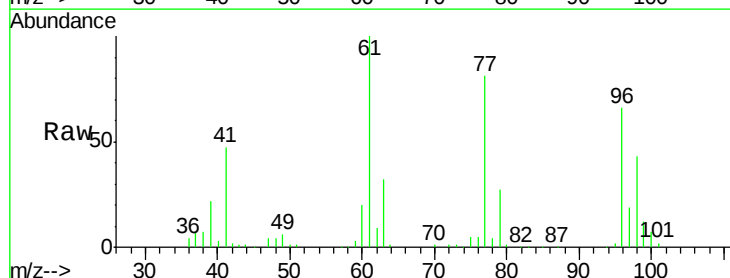
Tgt Ion: 96 Resp: 118774

Ion Ratio Lower Upper

96 100

61 155.3 0.0 400.5

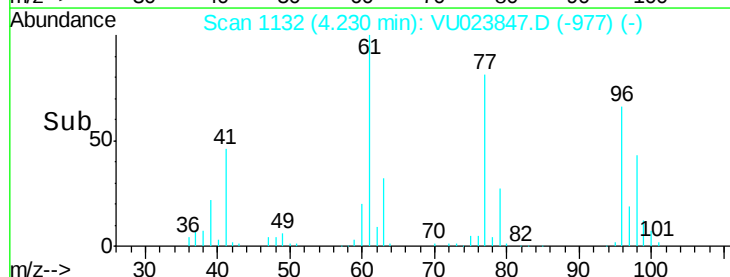
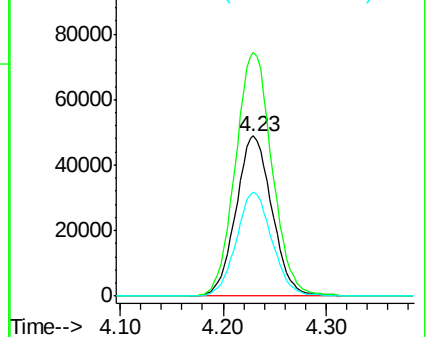
98 64.6 32.2 96.6

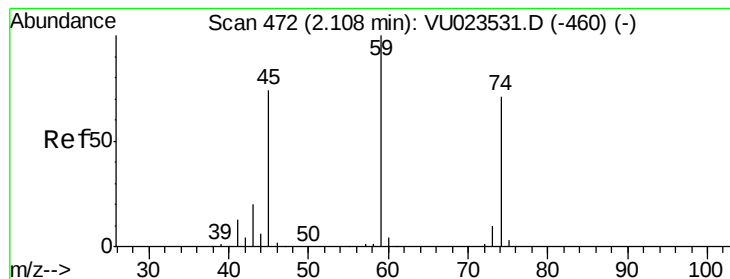


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 11.370 ug/l

RT: 2.11 min Scan# 472

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

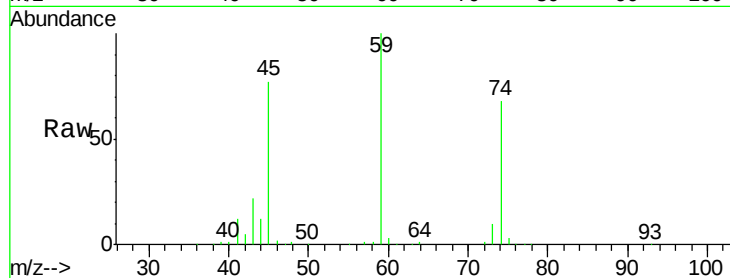
Tot Ion: 59 Resp: 89382

Ion Ratio Lower Upper

59 100

45 77.8 60.0 90.0

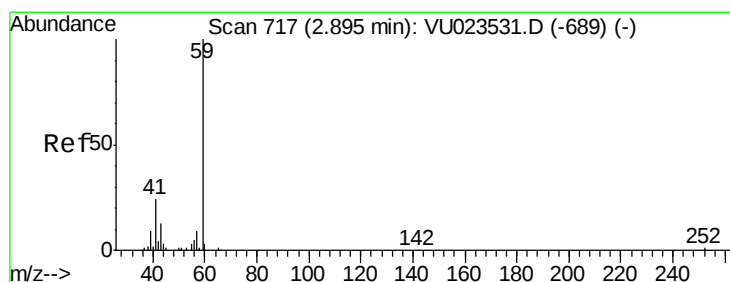
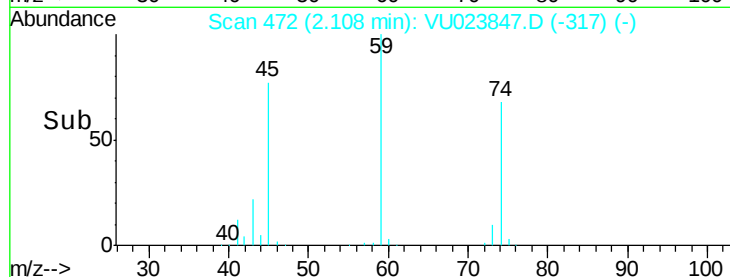
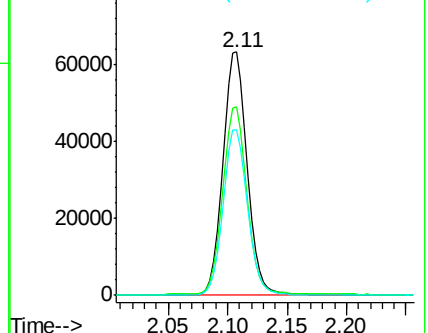
74 68.7 56.5 84.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 147.071 ug/l

RT: 2.85 min Scan# 704

Delta R.T. -0.04 min

Lab File: VU023847.D

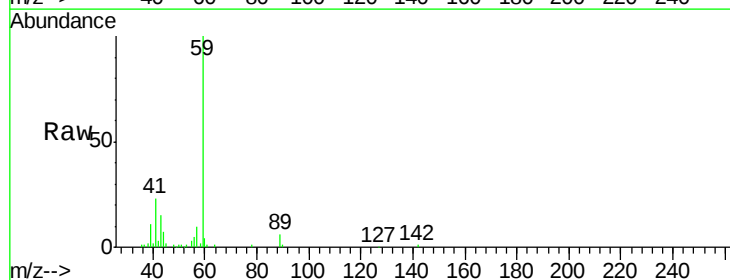
Acq: 14 May 2018 10:48

Tgt Ion: 59 Resp: 87185

Ion Ratio Lower Upper

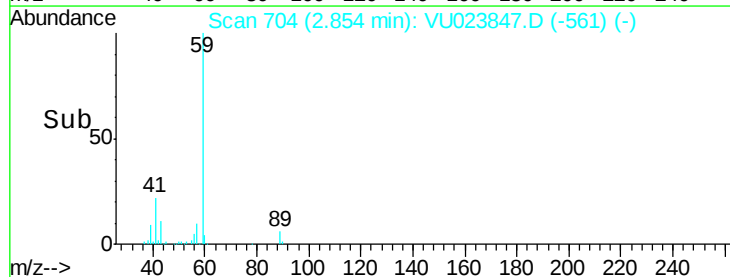
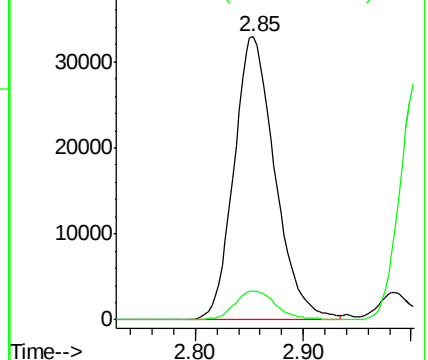
59 100

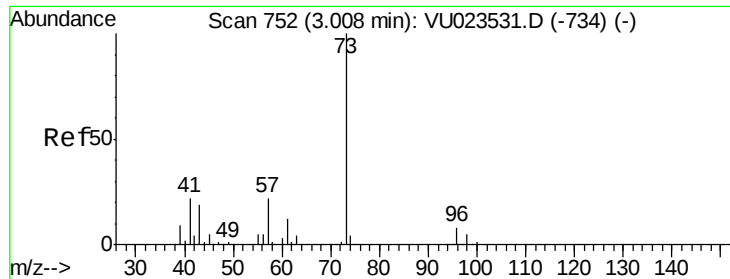
57 10.5 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

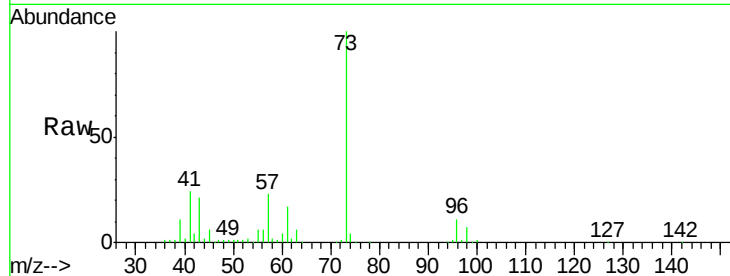
Methyl tert-Butyl Ether
 Concen: 11.130 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion: 73 Resp: 268959

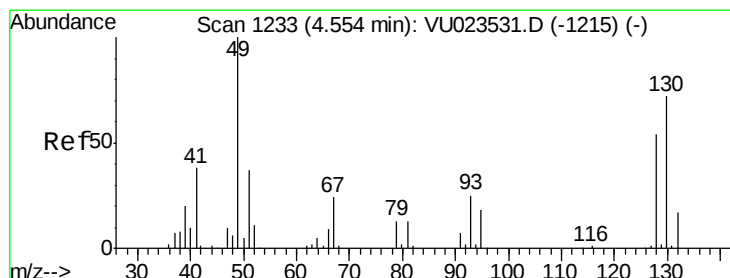
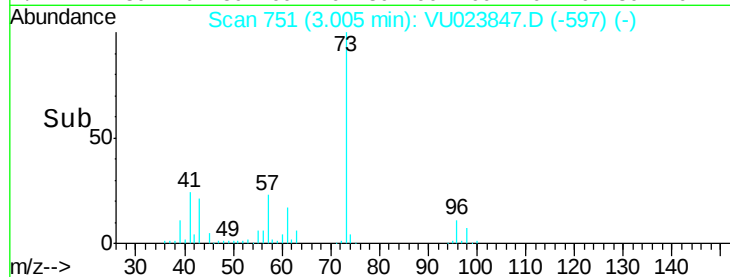
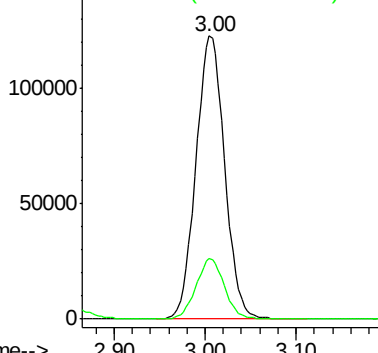
Ion Ratio Lower Upper

73 100

43 20.8 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: 11.540 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

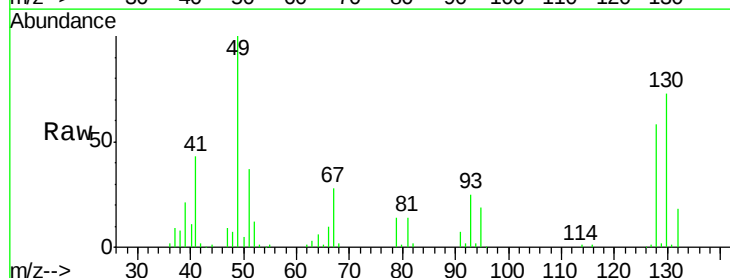
Tgt Ion: 128 Resp: 50841

Ion Ratio Lower Upper

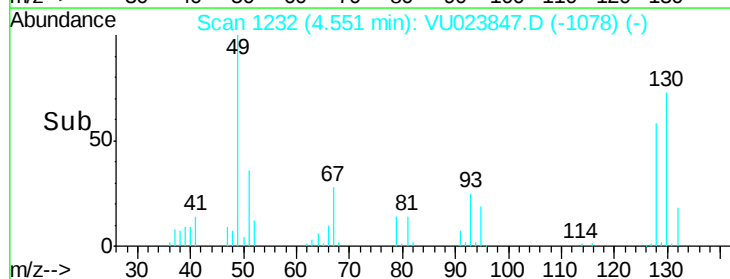
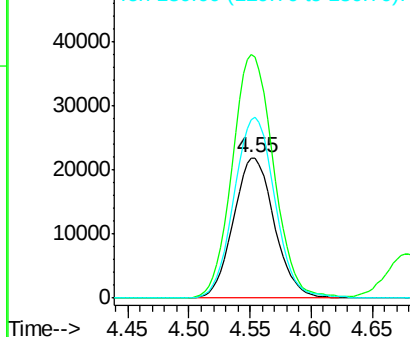
128 100

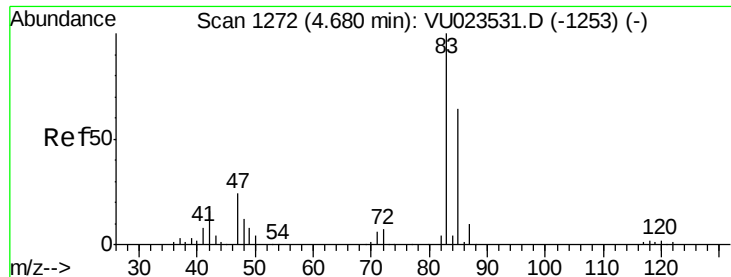
49 175.3 0.0 375.2

130 129.1 105.8 158.6



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: 10.579 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023847.D

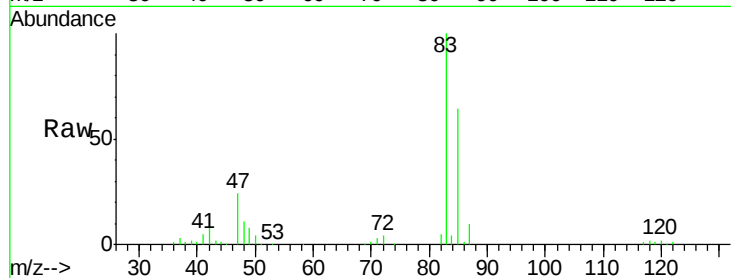
Acq: 14 May 2018 10:48

Tot Ion: 83 Resp: 202177

Ion Ratio Lower Upper

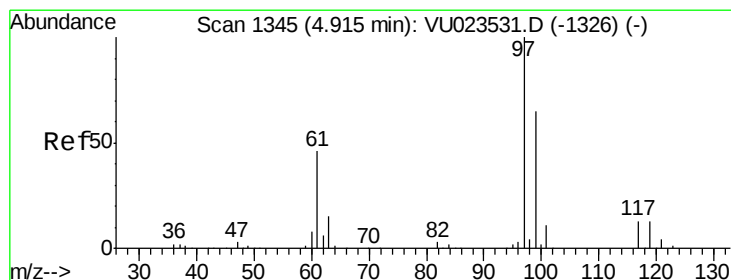
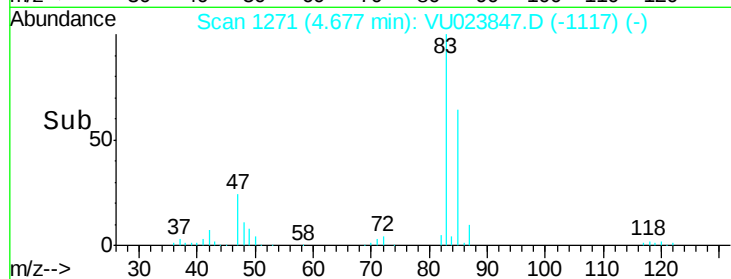
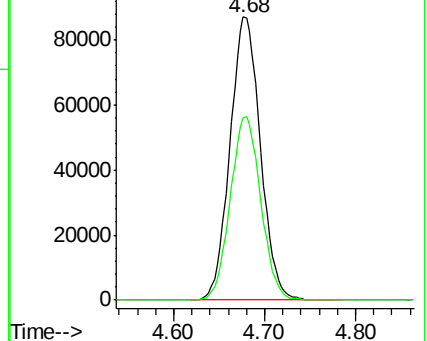
83 100

85 64.5 0.0 128.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#28

1,1,1-Trichloroethane

Concen: 10.583 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

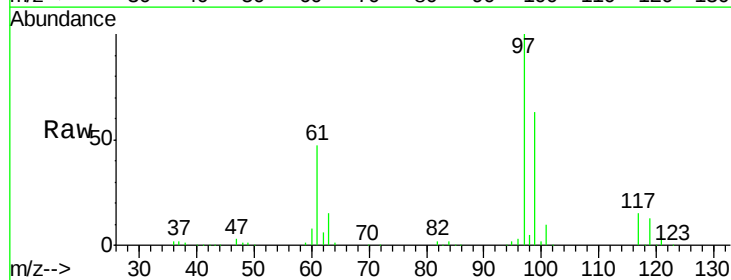
Tgt Ion: 97 Resp: 165913

Ion Ratio Lower Upper

97 100

99 63.8 32.3 96.9

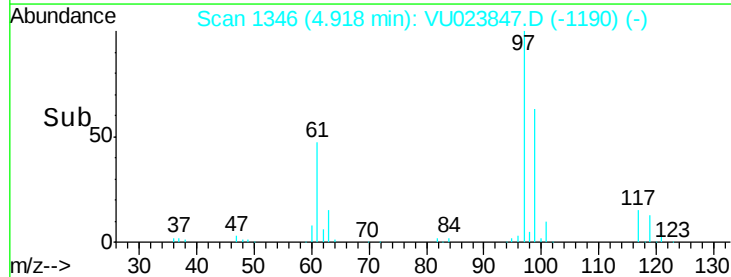
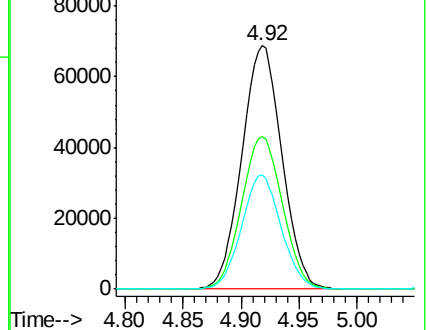
61 46.3 23.2 69.5

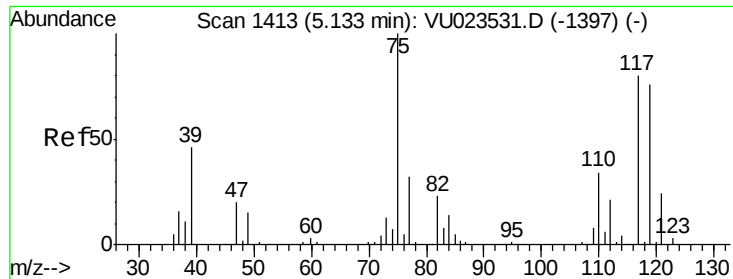


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 10.501 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

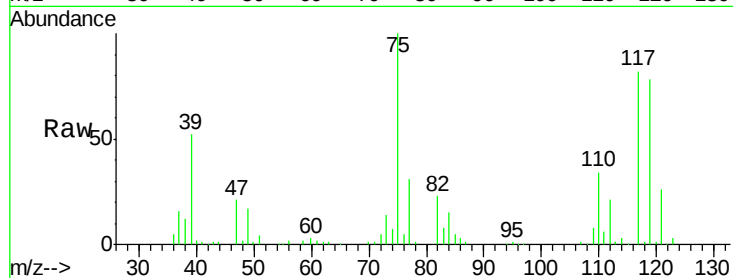
Tot Ion: 75 Resp: 161530

Ion Ratio Lower Upper

75 100

110 34.7 16.9 50.7

77 30.8 24.8 37.2

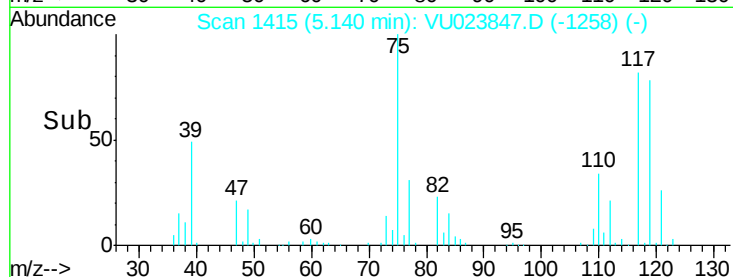


Abundance Ion 75.00 (74.70 to 75.70): VU023531.D (-1397) (-)

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

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

Time-->



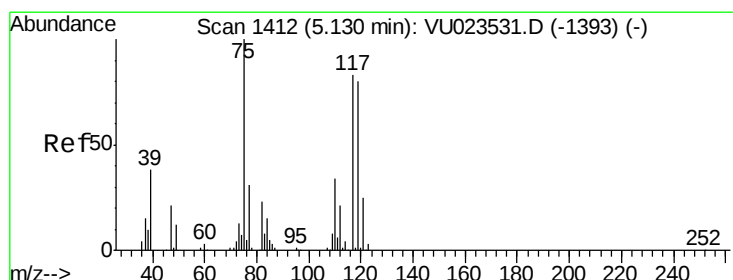
Abundance

Ion 75.00 (74.70 to 75.70): VU023847.D (-1258) (-)

Ion 110.00 (109.70 to 110.70): VU023847.D (-1258) (-)

Ion 77.00 (76.70 to 77.70): VU023847.D (-1258) (-)

Time-->



#30

Carbon Tetrachloride

Concen: 10.980 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

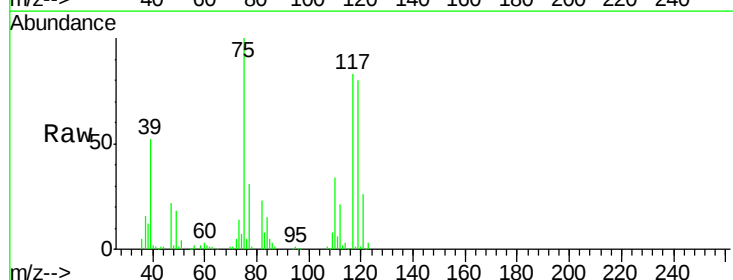
Tgt Ion: 117 Resp: 144822

Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

121 31.2 24.5 36.7

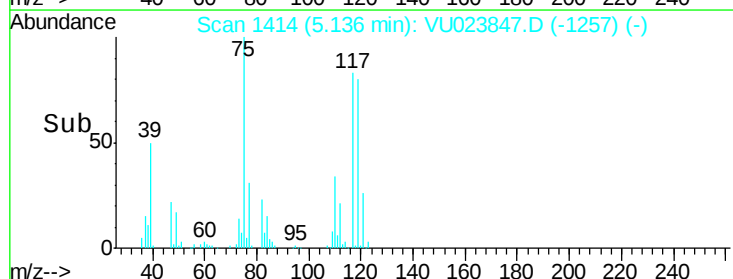


Abundance Ion 117.00 (116.70 to 117.70): VU023531.D (-1393) (-)

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

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

Time-->



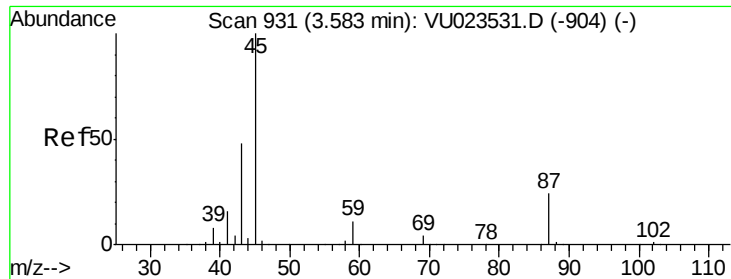
Abundance

Ion 117.00 (116.70 to 117.70): VU023847.D (-1257) (-)

Ion 119.00 (118.70 to 119.70): VU023847.D (-1257) (-)

Ion 121.00 (120.70 to 121.70): VU023847.D (-1257) (-)

Time-->



#31

Isopropyl Ether

Concen: 9.639 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU023847.D

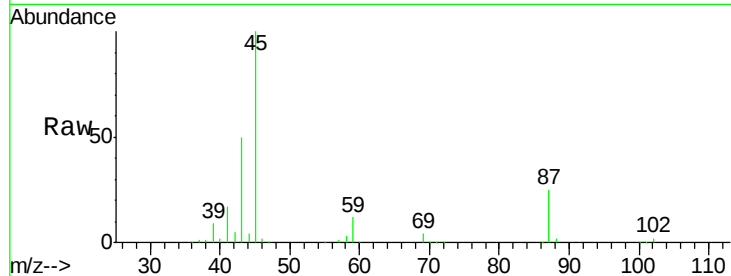
Acq: 14 May 2018 10:48

Tot Ion: 45 Resp: 330188

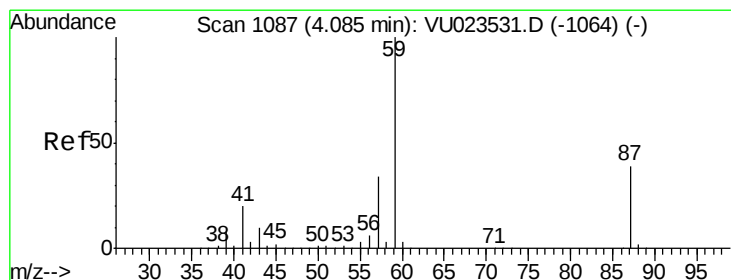
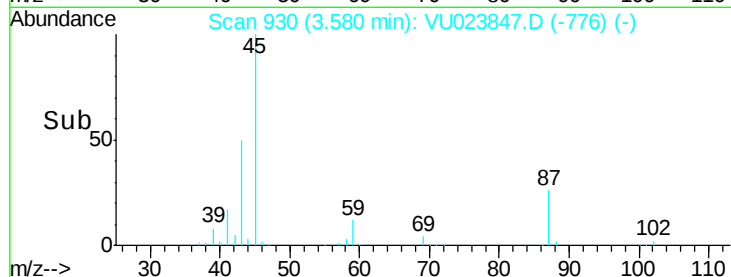
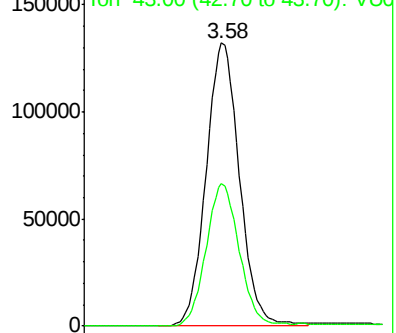
Ion Ratio Lower Upper

45 100

43 50.1 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU023531.D (-904) (-)



#32

Ethyl-t-butyl ether

Concen: 9.550 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VU023847.D

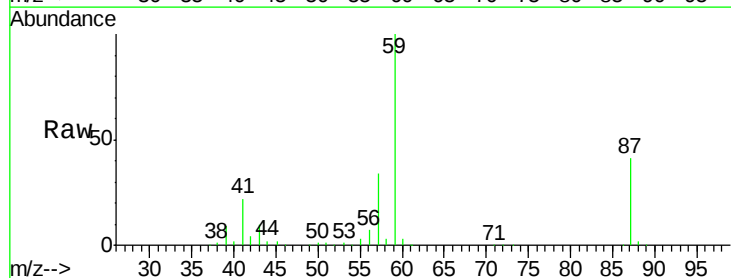
Acq: 14 May 2018 10:48

Tgt Ion: 59 Resp: 279547

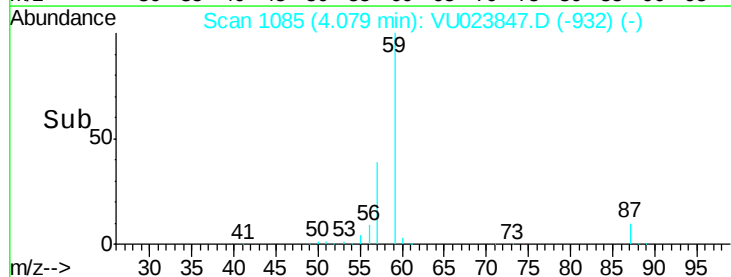
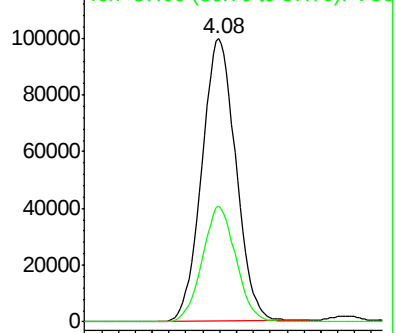
Ion Ratio Lower Upper

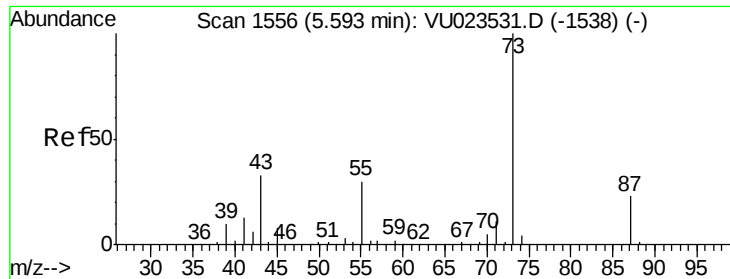
59 100

87 39.9 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU023531.D (-1064) (-)

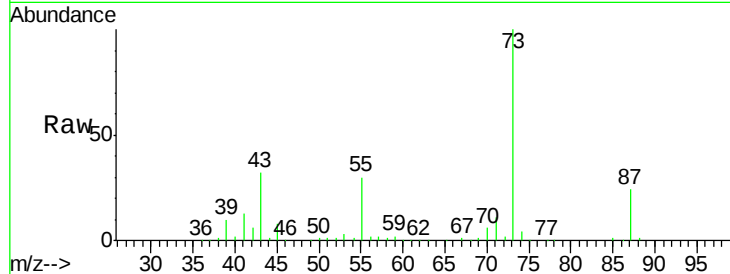




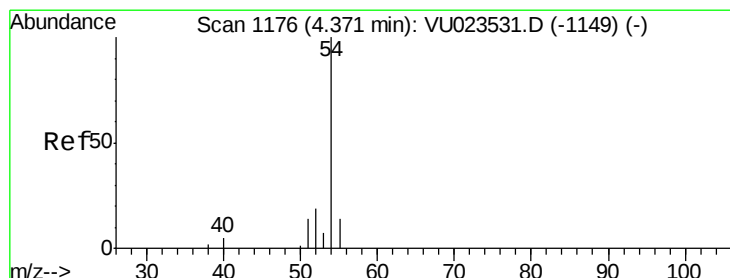
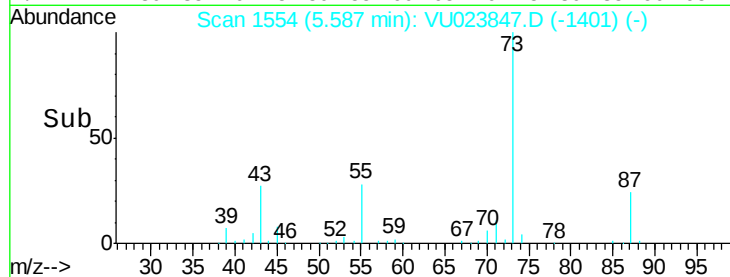
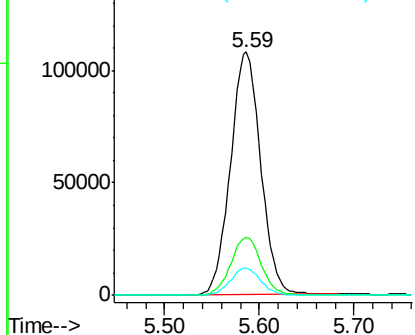
#33

Tert-Butyl methyl ether
 Concen: 9.664 ug/l
 RT: 5.59 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.9	18.6	28.0
71	11.4	9.3	13.9



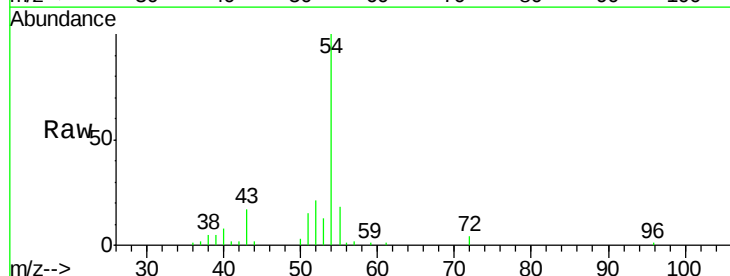
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



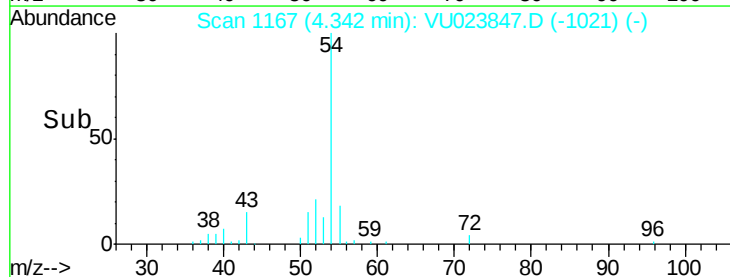
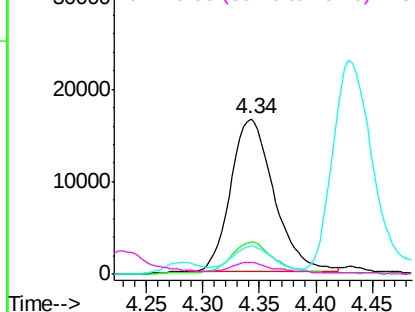
#34

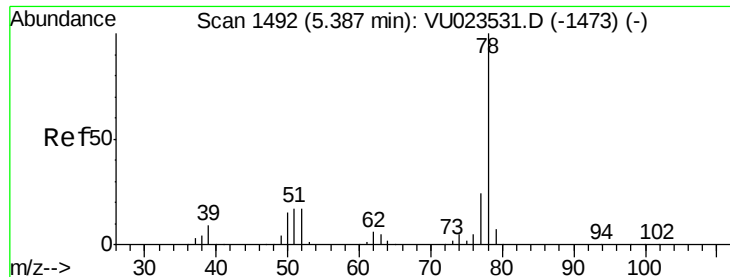
Propionitrile
 Concen: 56.948 ug/l
 RT: 4.34 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.8	13.7	20.5
55	14.5	10.2	15.2
40	6.4	3.5	5.3



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





#35

Benzene

Concen: 9.937 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VU023847.D

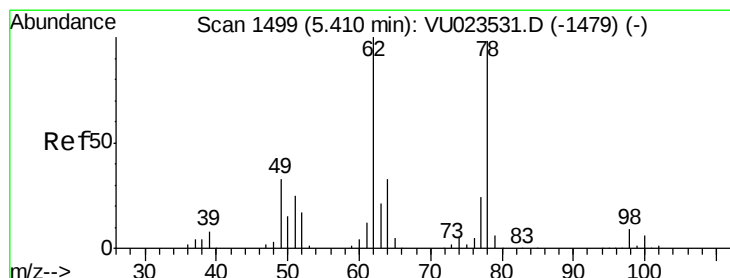
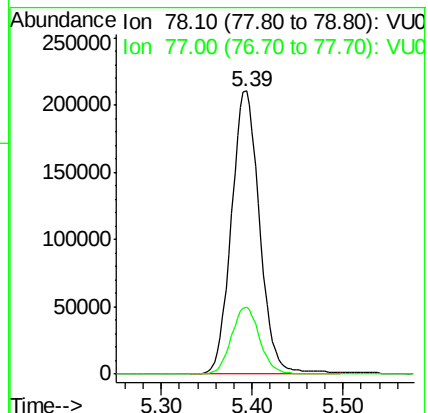
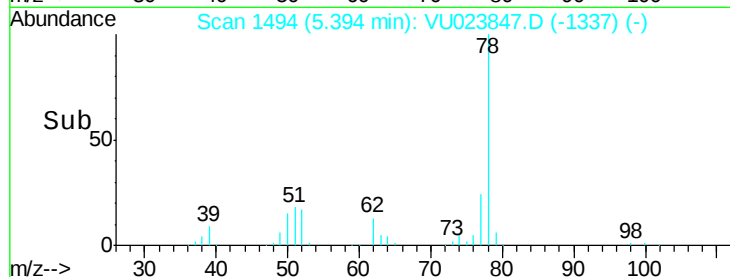
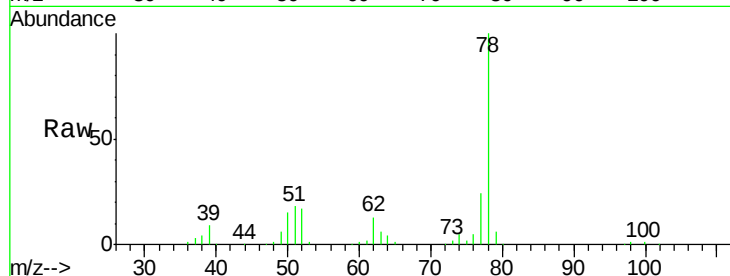
Acq: 14 May 2018 10:48

Tot Ion: 78 Resp: 454304

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



#36

1,2-Dichloroethane

Concen: 9.585 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023847.D

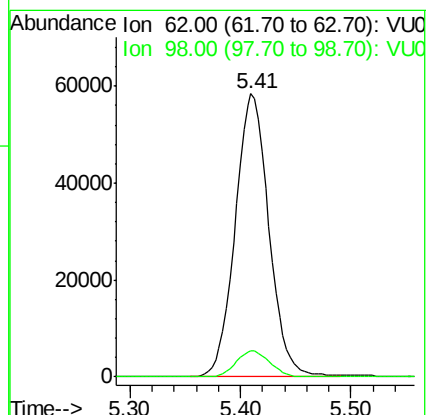
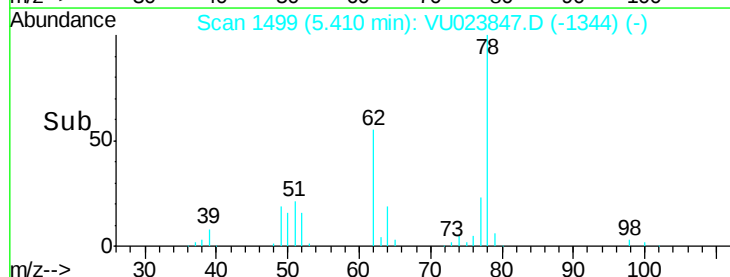
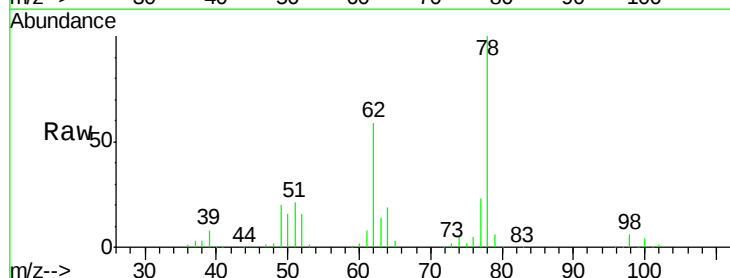
Acq: 14 May 2018 10:48

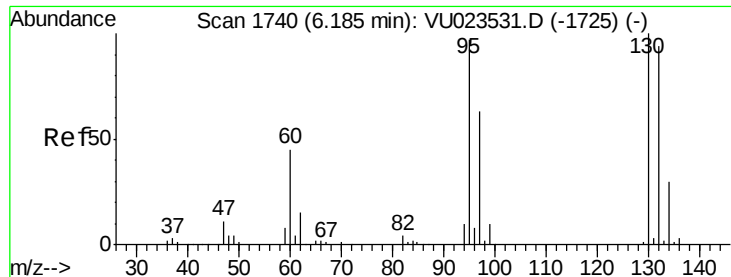
Tgt Ion: 62 Resp: 123947

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#37

Trichloroethene

Concen: 9.445 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023847.D

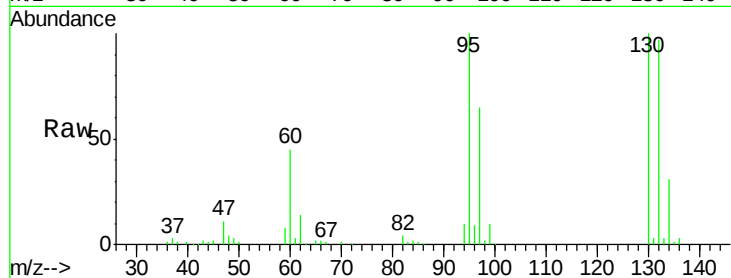
Acq: 14 May 2018 10:48

Tot Ion:130 Resp: 115925

Ion Ratio Lower Upper

130 100

95 100.3 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) (-)

6.19

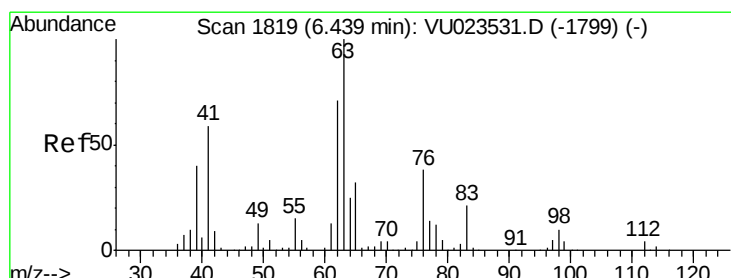
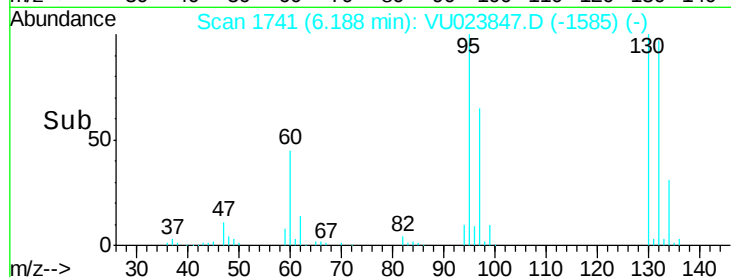
60000

40000

20000

0

Time-->



#38

1,2-Dichloropropane

Concen: 9.796 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU023847.D

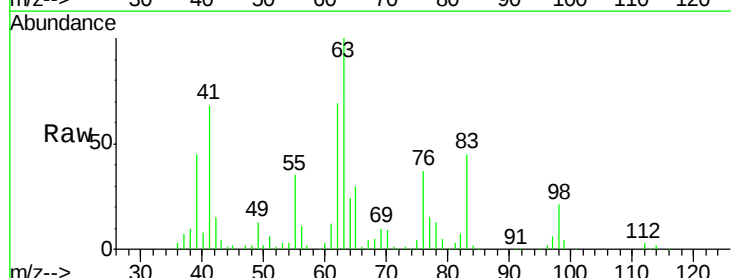
Acq: 14 May 2018 10:48

Tgt Ion: 63 Resp: 122842

Ion Ratio Lower Upper

63 100

65 30.5 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) (-)

6.44

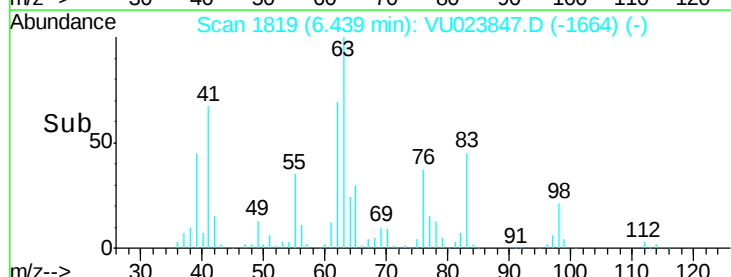
60000

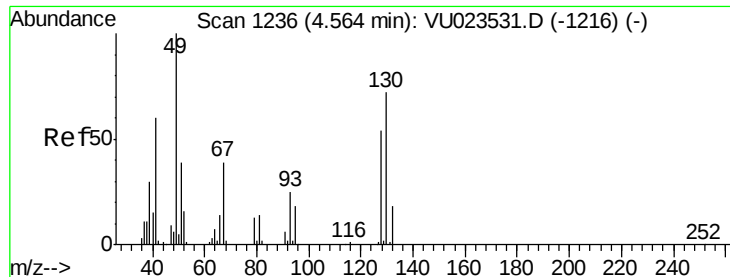
40000

20000

0

Time-->





#39

Methacrylonitrile

Concen: 9.884 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion: 41 Resp: 39163

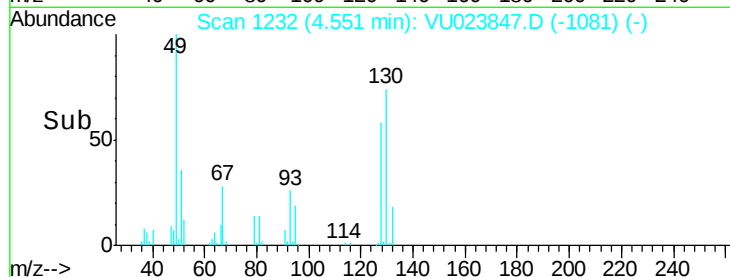
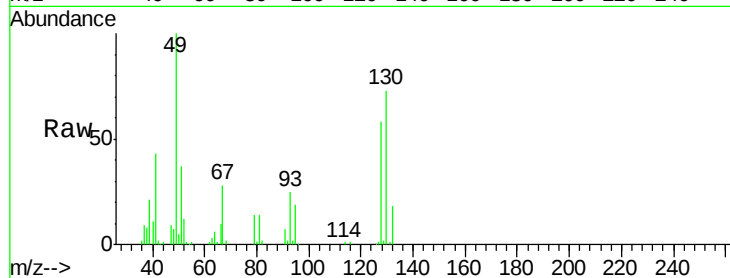
Ion Ratio Lower Upper

41 100

67 70.3 51.3 76.9

39 52.7 40.6 60.8

52 28.8 21.5 32.3

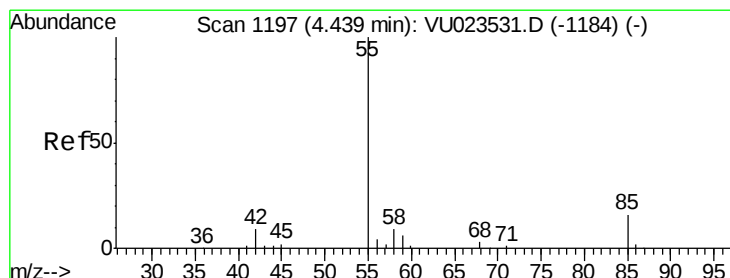
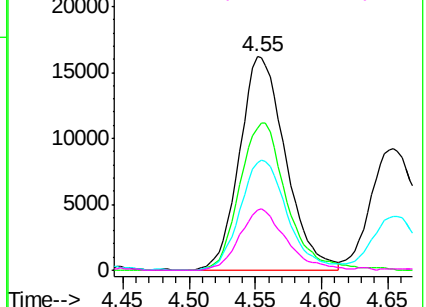


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 9.854 ug/l

RT: 4.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 55 Resp: 54156

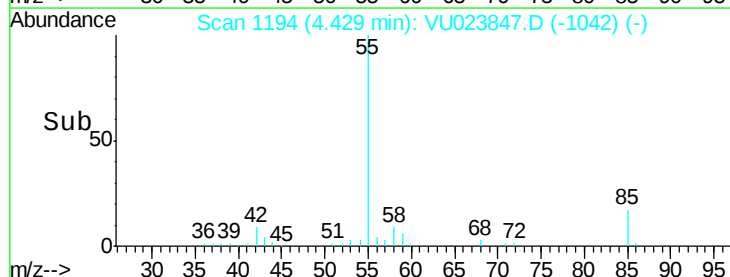
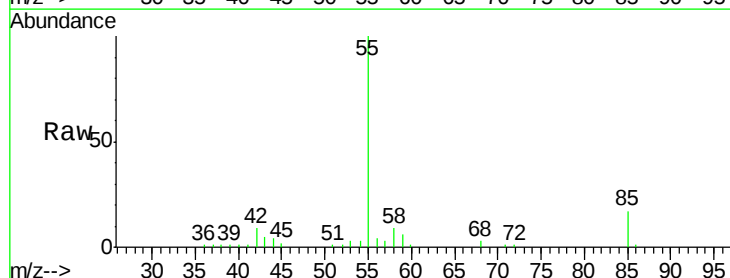
Ion Ratio Lower Upper

55 100

85 17.3 12.3 18.5

58 9.1 7.0 10.6

42 9.7 7.0 10.4

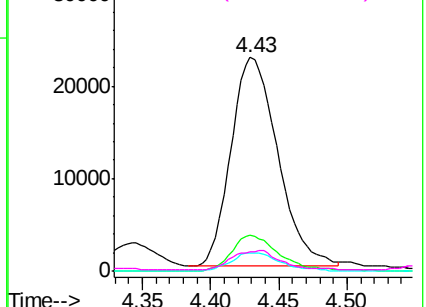


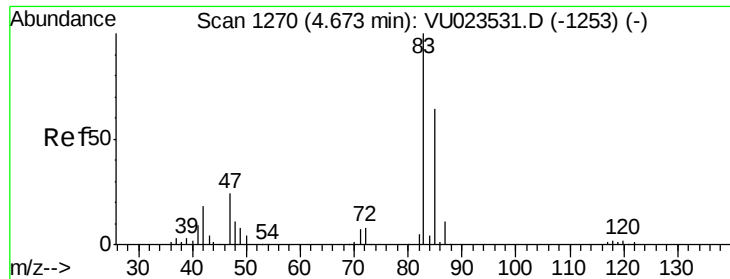
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 20.079 ug/l

RT: 4.65 min Scan# 1264

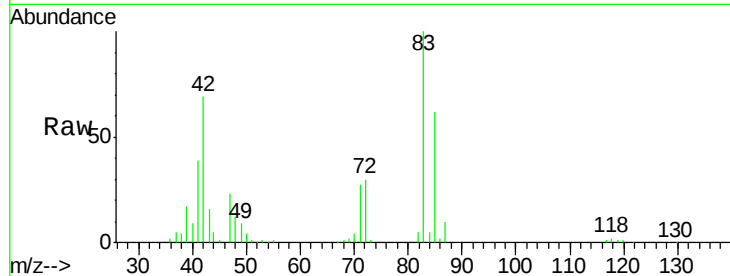
Delta R.T. -0.02 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion: 42 Resp: 40995

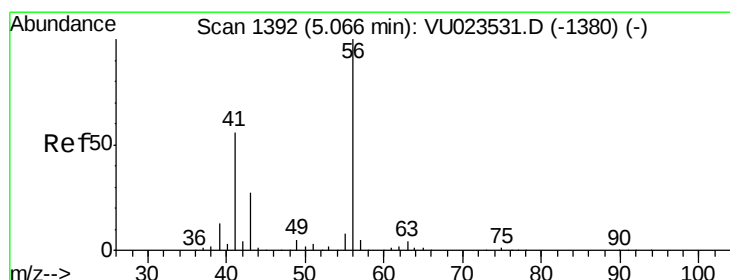
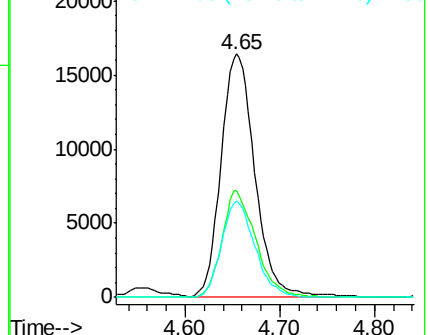
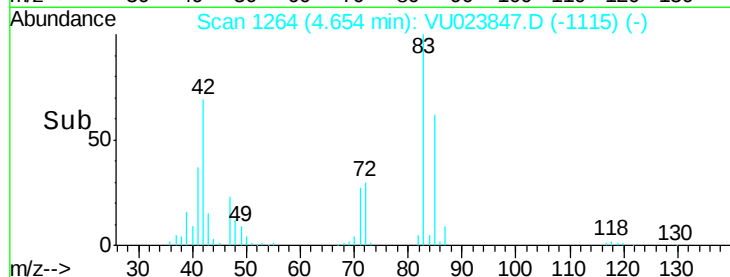
Ion	Ratio	Lower	Upper
42	100		
72	43.5	33.2	49.8
71	38.6	29.8	44.8



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: 10.315 ug/l

RT: 5.07 min Scan# 1393

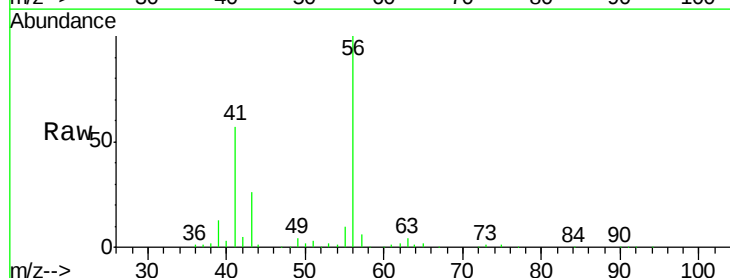
Delta R.T. 0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

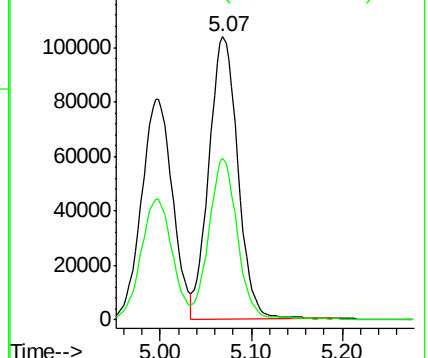
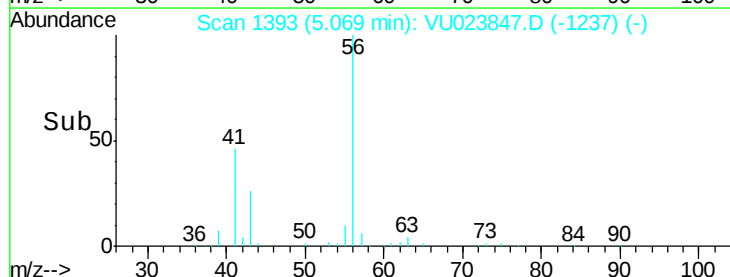
Tgt Ion: 56 Resp: 229984

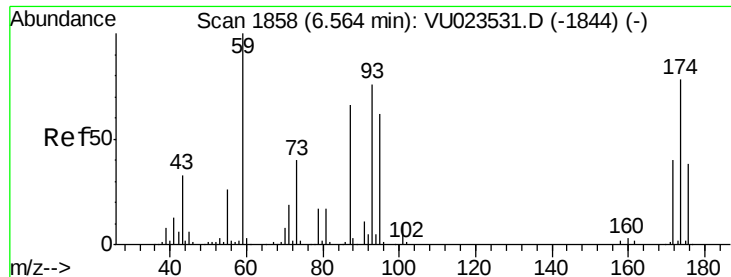
Ion	Ratio	Lower	Upper
56	100		
41	55.5	27.5	82.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.384 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

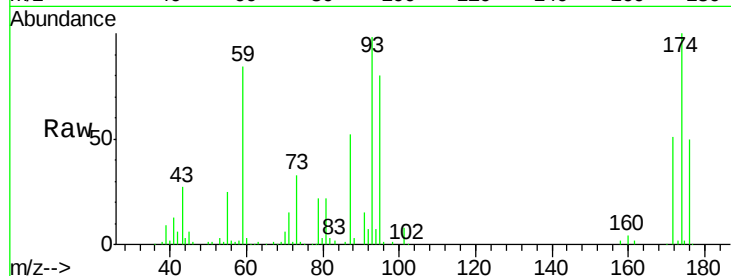
Tot Ion: 93 Resp: 56005

Ion Ratio Lower Upper

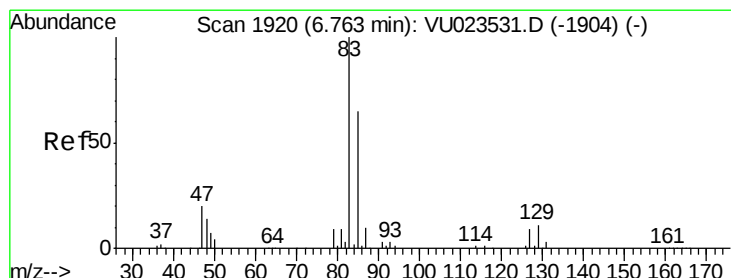
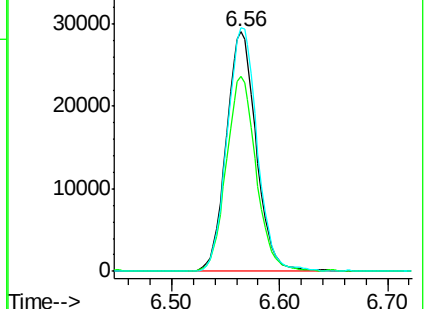
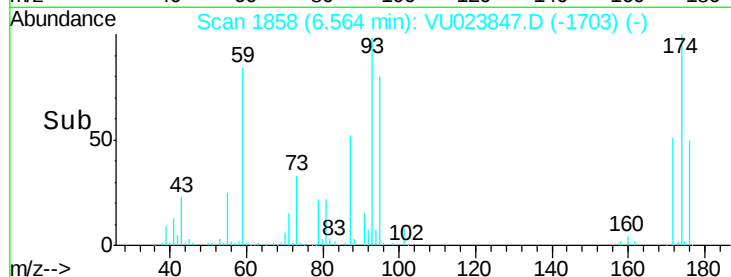
93 100

95 81.2 67.2 100.8

174 102.3 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU023847.D (-1703) (-)



#44

Bromodichloromethane

Concen: 10.329 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

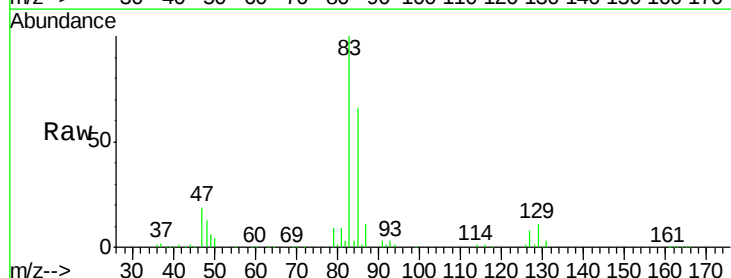
Tgt Ion: 83 Resp: 139980

Ion Ratio Lower Upper

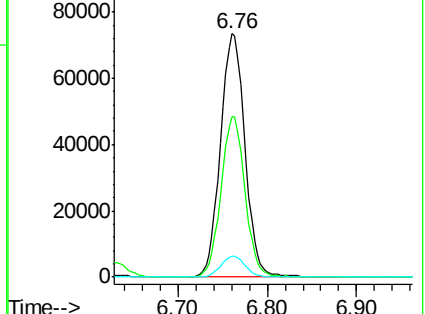
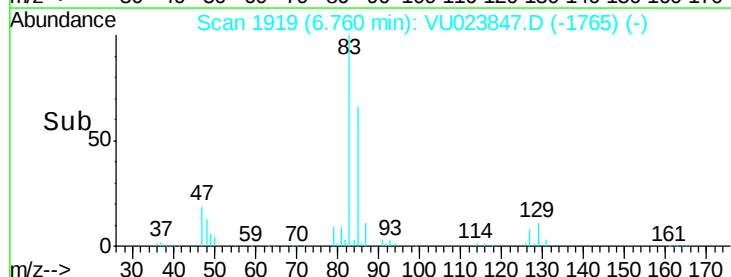
83 100

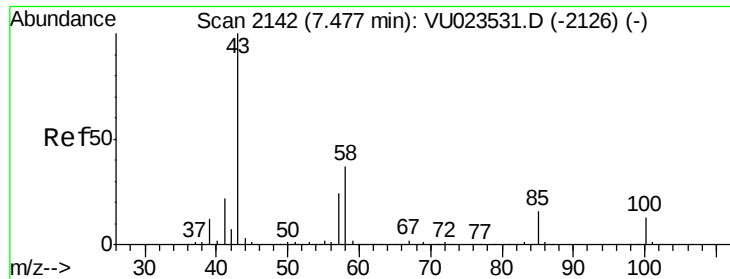
85 66.0 52.2 78.4

127 8.5 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU023847.D (-1765) (-)





#45

4-Methyl-2-Pentanone

Concen: 56.800 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

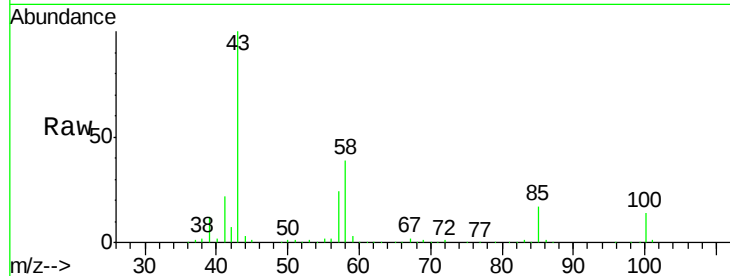
Tot Ion: 43 Resp: 362050

Ion Ratio Lower Upper

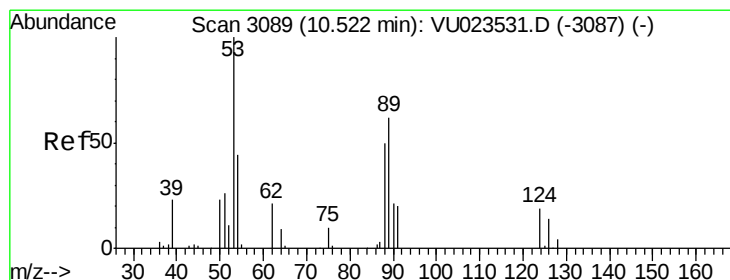
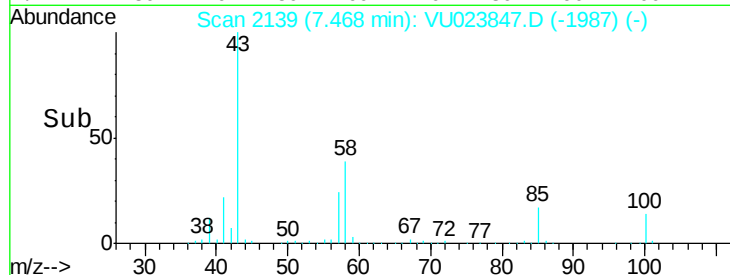
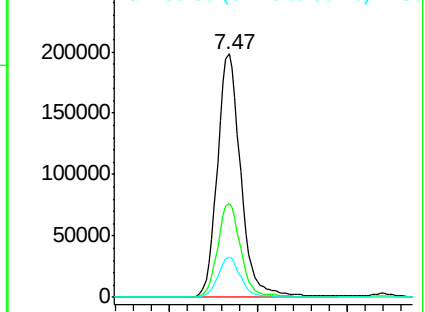
43 100

58 38.1 18.8 56.4

85 16.2 12.6 19.0



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



#46

t-1,4-Dichloro-2-butene

Concen: 25.666 ug/l m

RT: 10.52 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 75 Resp: 48370

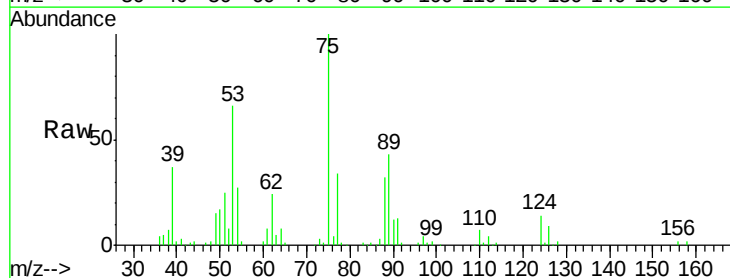
Ion Ratio Lower Upper

75 100

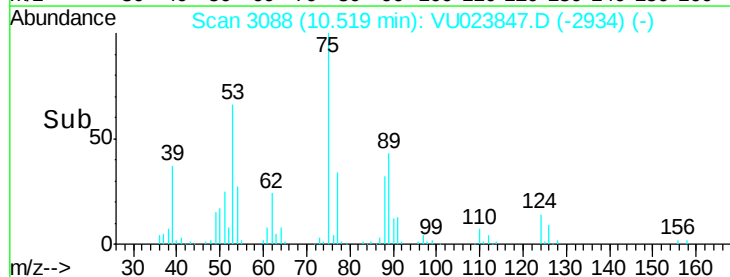
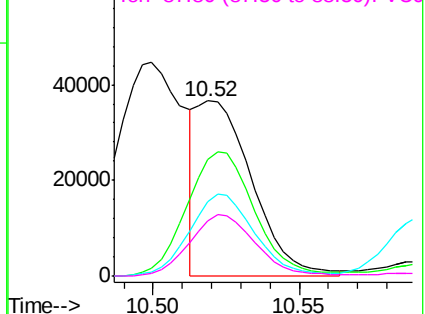
53 86.6 82.2 123.4

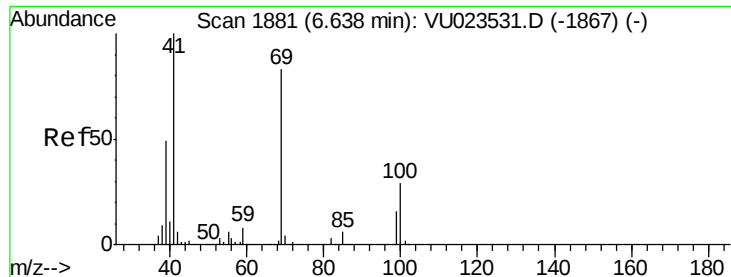
89 54.8 51.3 76.9

88 41.6 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: 22.001 ug/l

RT: 6.63 min Scan# 1878

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion: 69 Resp: 107511

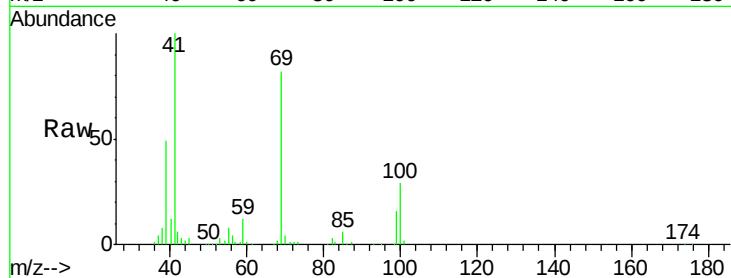
Ion Ratio Lower Upper

69 100

41 117.6 0.0 245.4

39 58.8 49.0 73.4

100 34.5 27.8 41.8

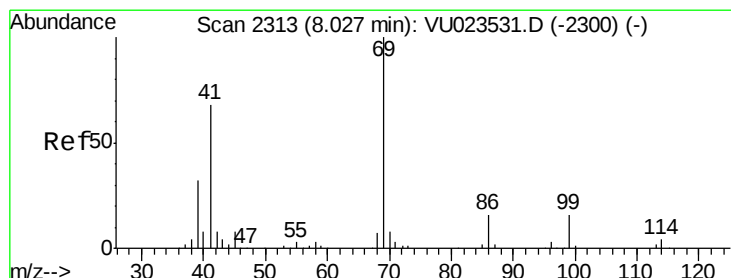
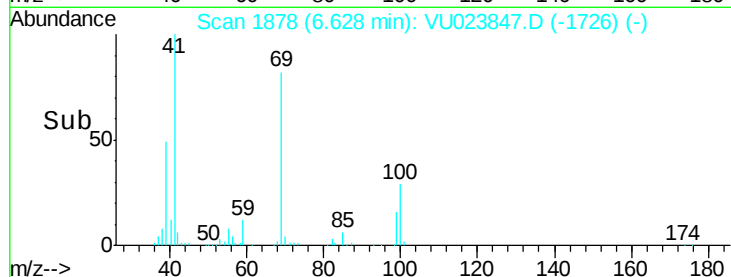
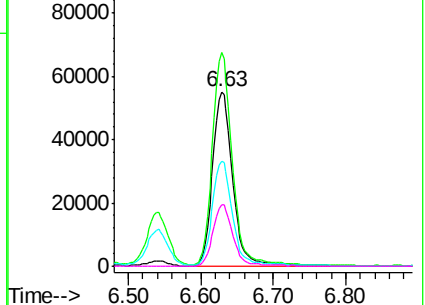


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 10.775 ug/l

RT: 8.02 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VU023847.D

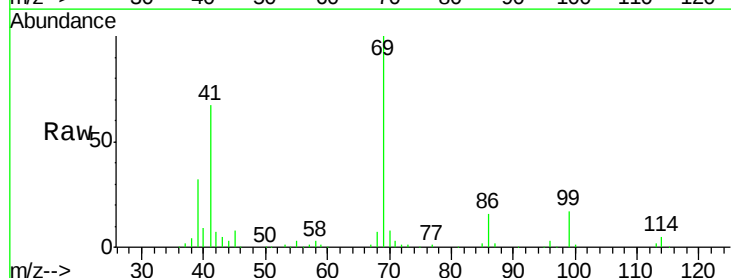
Acq: 14 May 2018 10:48

Tgt Ion: 69 Resp: 92061

Ion Ratio Lower Upper

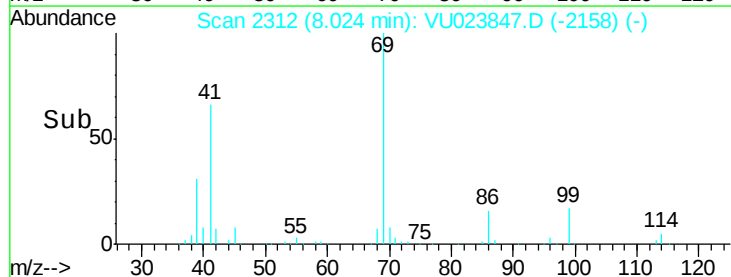
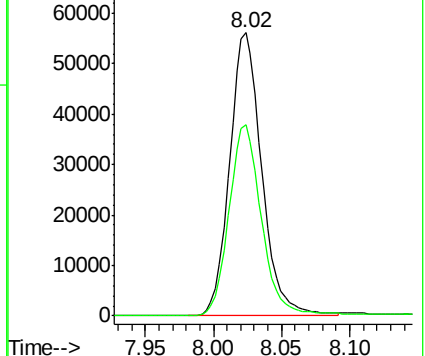
69 100

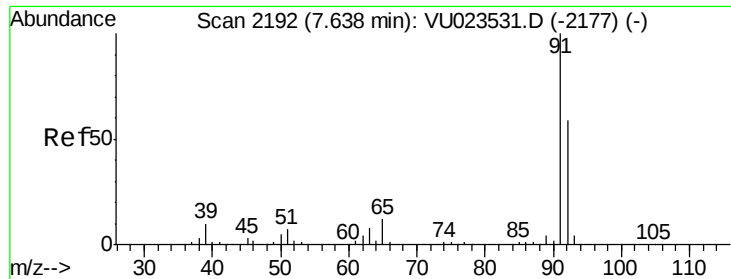
41 68.7 34.2 102.5



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.478 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023847.D

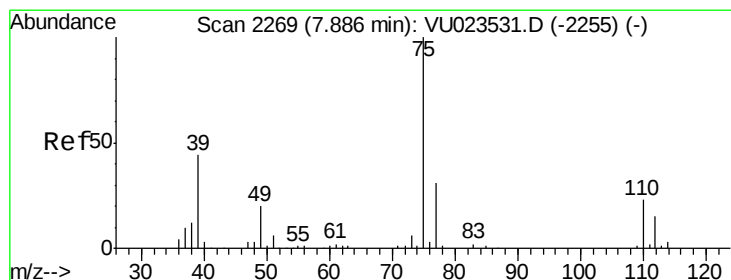
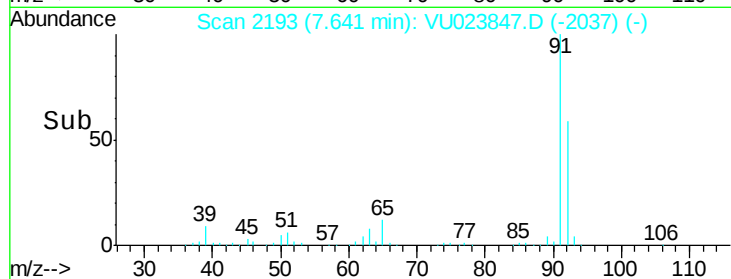
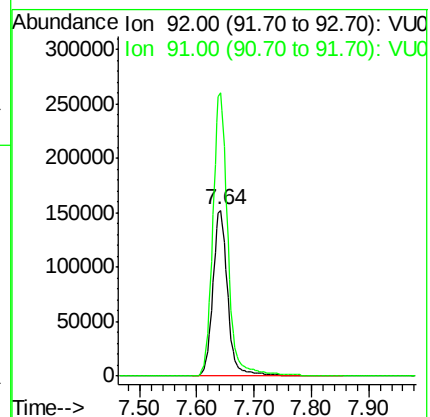
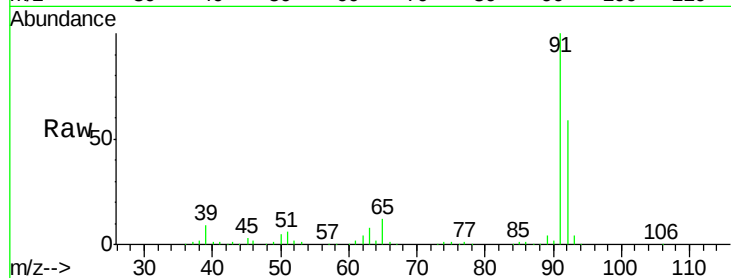
Acq: 14 May 2018 10:48

Tot Ion: 92 Resp: 276715

Ion Ratio Lower Upper

92 100

91 172.4 137.1 205.7



#50

t-1,3-Dichloropropene

Concen: 10.870 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023847.D

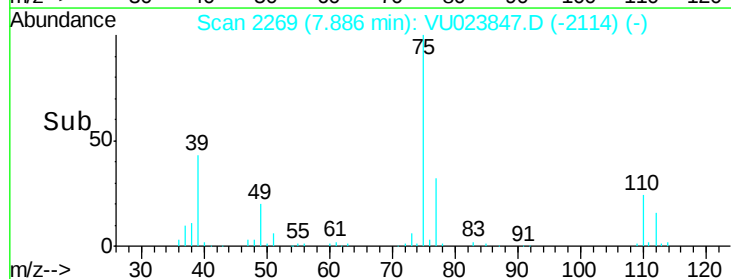
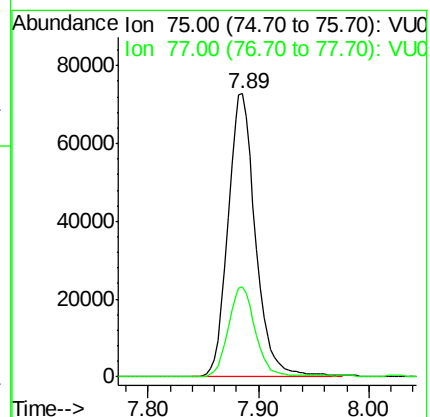
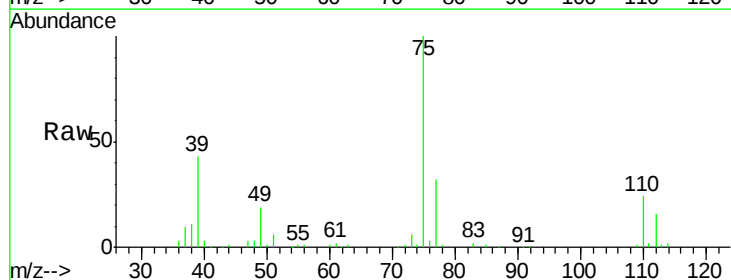
Acq: 14 May 2018 10:48

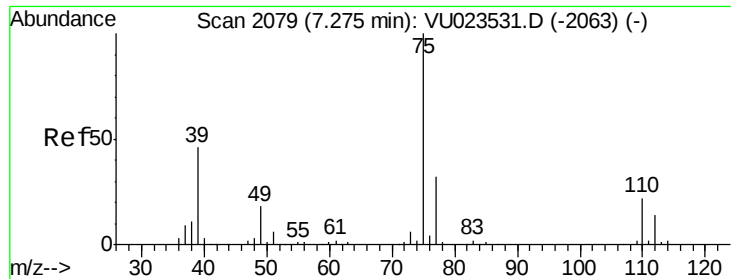
Tgt Ion: 75 Resp: 125741

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

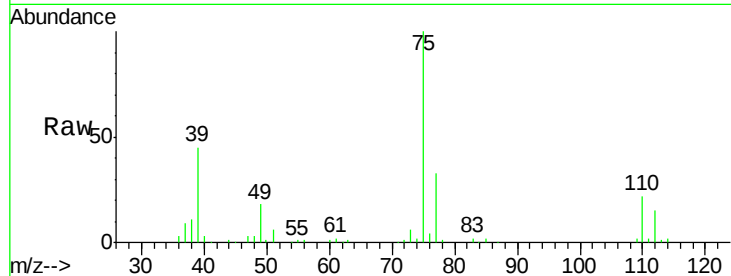




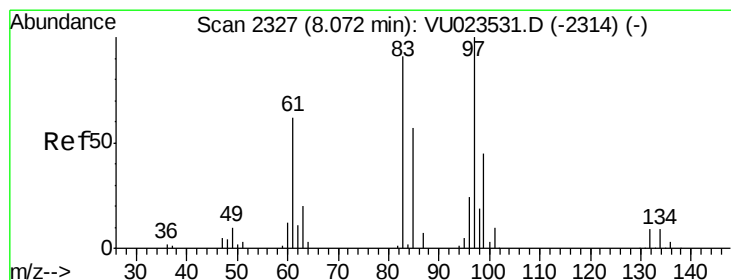
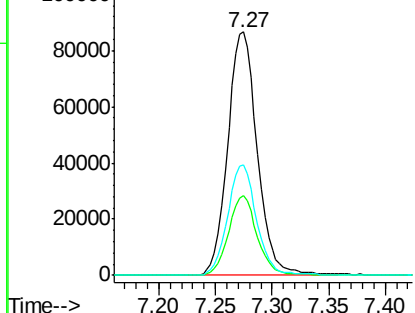
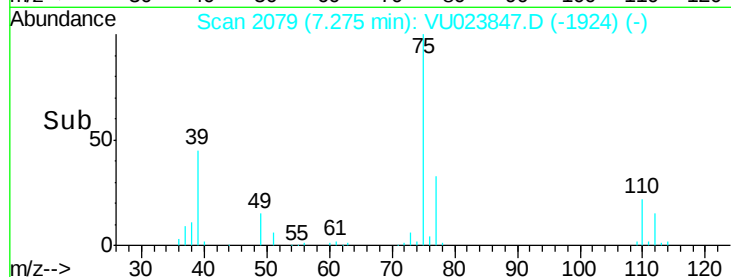
#51

cis-1,3-Dichloropropene
Concen: 10.462 ug/l
RT: 7.27 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8
39	45.4	36.4	54.6



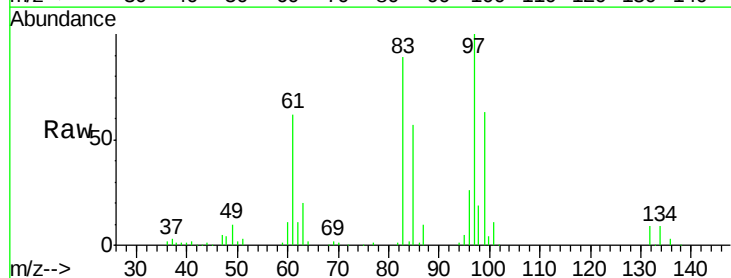
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



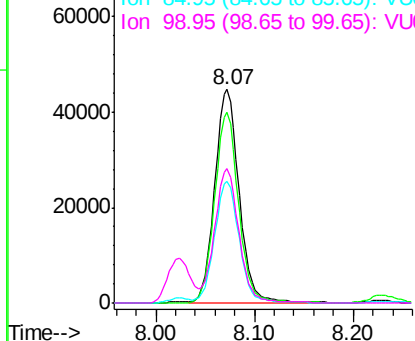
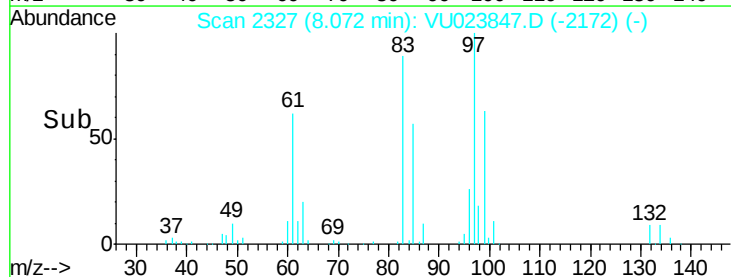
#52

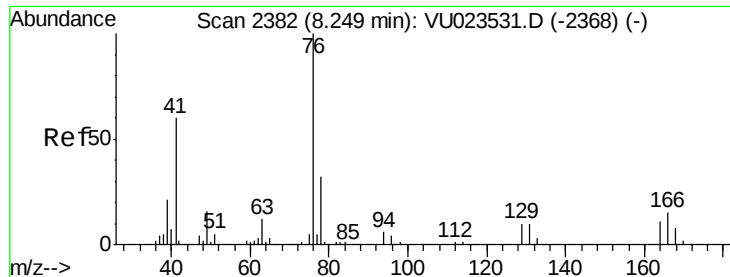
1,1,2-Trichloroethane
Concen: 10.129 ug/l
RT: 8.07 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.6	109.0
85	57.2	47.2	70.8
99	62.6	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: 10.212 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU023847.D

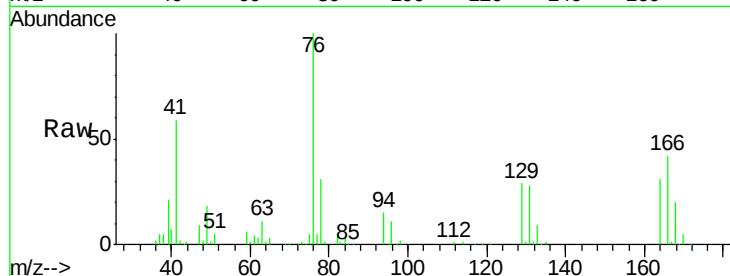
Acq: 14 May 2018 10:48

Tot Ion: 76 Resp: 139318

Ion Ratio Lower Upper

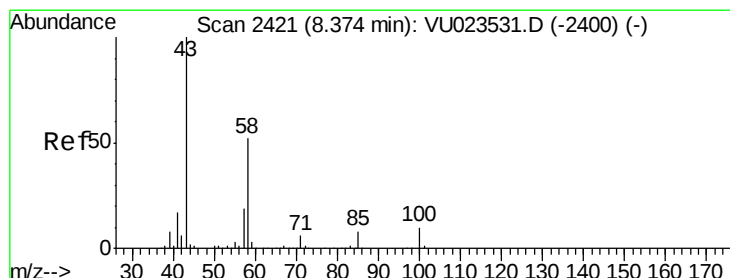
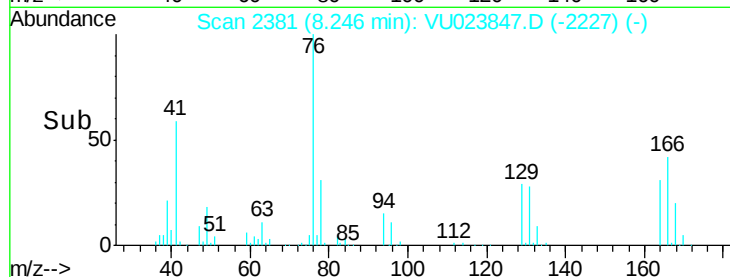
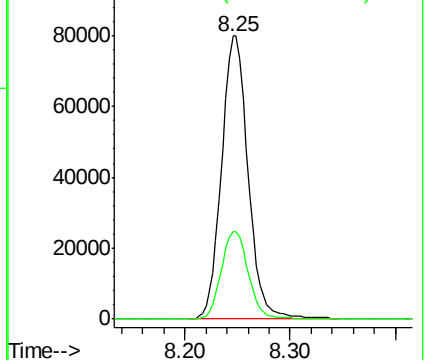
76 100

78 31.6 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: 78.682 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

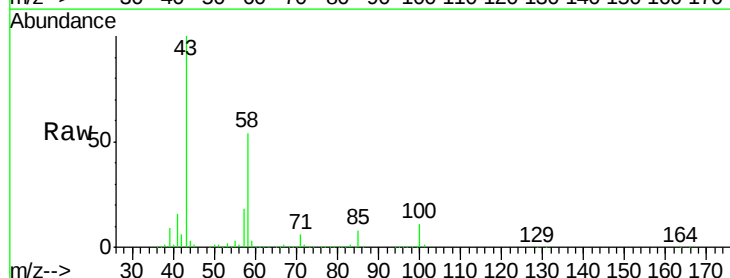
Tgt Ion: 43 Resp: 341646

Ion Ratio Lower Upper

43 100

58 53.1 32.5 72.5

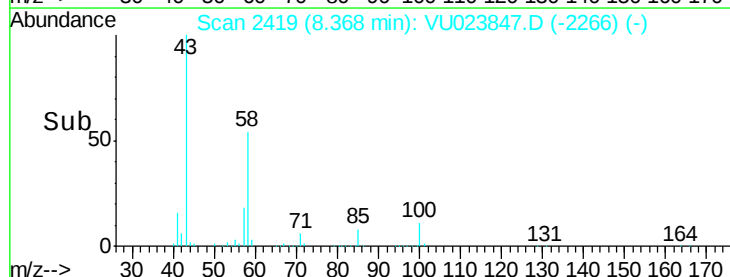
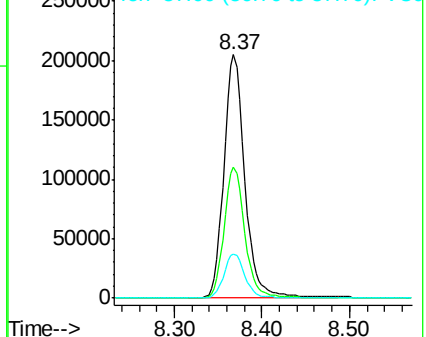
57 18.1 0.0 37.9

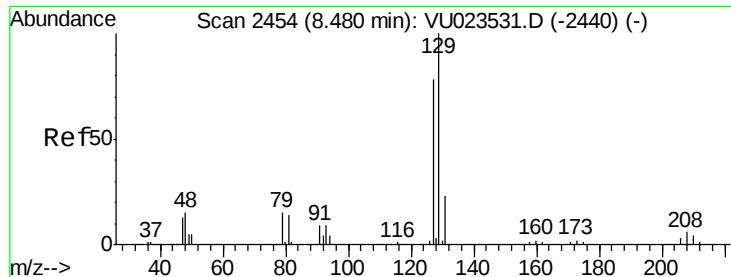


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.877 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU023847.D

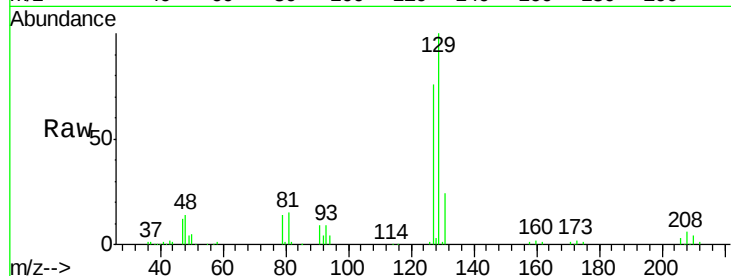
Acq: 14 May 2018 10:48

Tot Ion:129 Resp: 91462

Ion Ratio Lower Upper

129 100

127 76.6 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.48

60000

50000

40000

30000

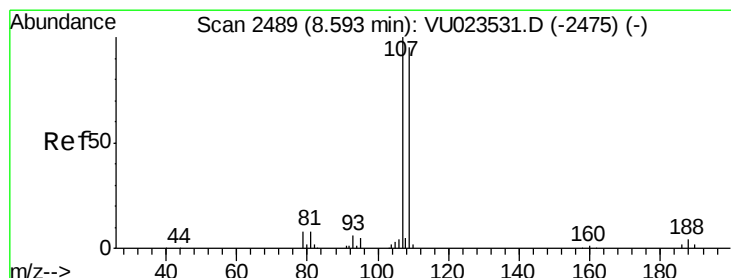
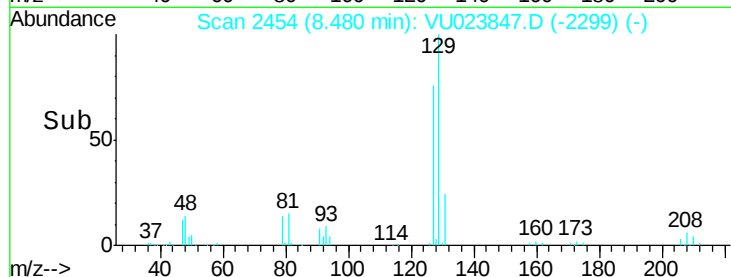
20000

10000

0

8.40 8.45 8.50 8.55 8.60

Time-->



#56

1,2-Dibromoethane

Concen: 10.393 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU023847.D

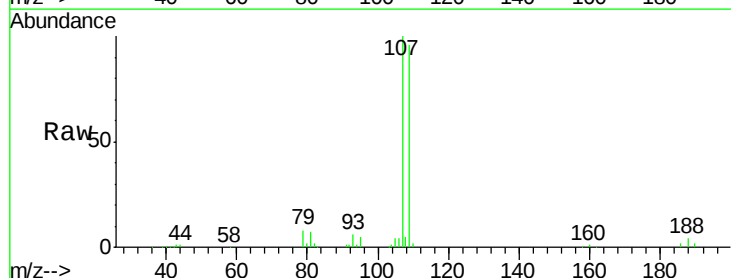
Acq: 14 May 2018 10:48

Tgt Ion:107 Resp: 68719

Ion Ratio Lower Upper

107 100

109 95.4 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.59

40000

30000

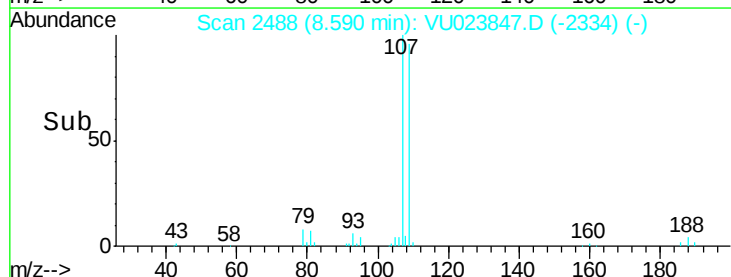
20000

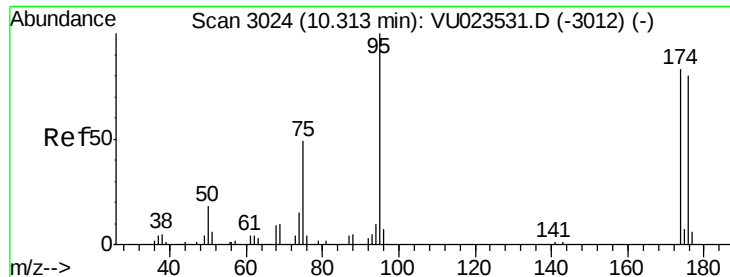
10000

0

8.50 8.55 8.60 8.65

Time-->





#57

4-Bromofluorobenzene

Concen: 10.393 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

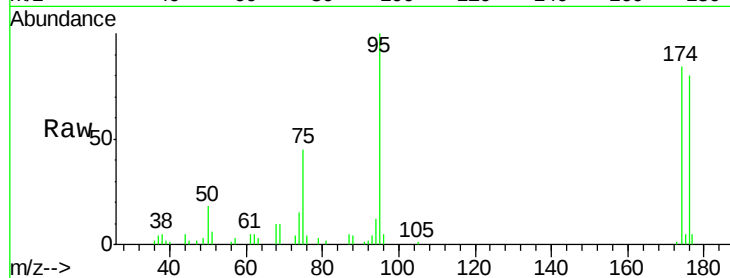
Tot Ion: 95 Resp: 15209

Ion Ratio Lower Upper

95 100

174 85.3 65.6 98.4

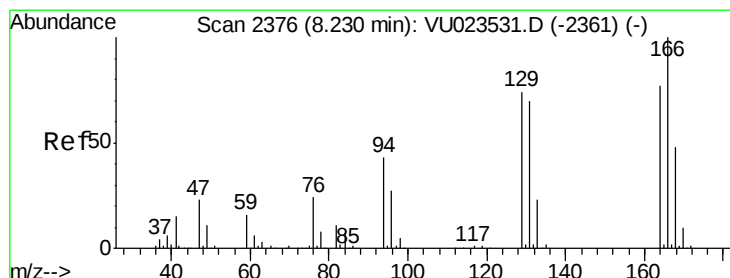
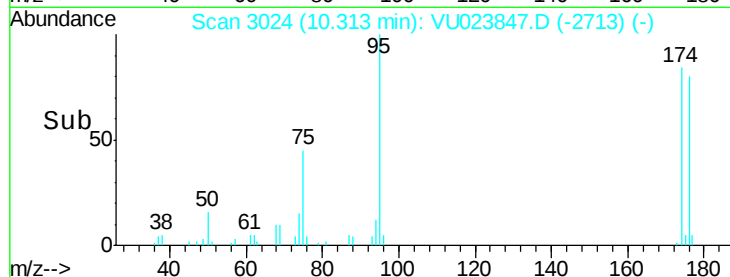
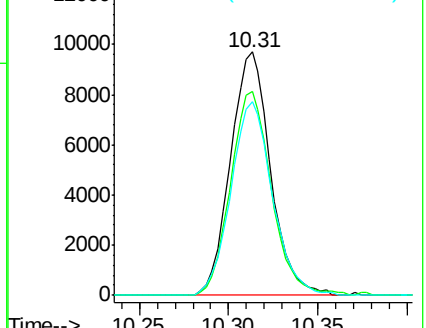
176 82.3 62.0 93.0



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58

Tetrachloroethene

Concen: 10.064 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 164 Resp: 112622

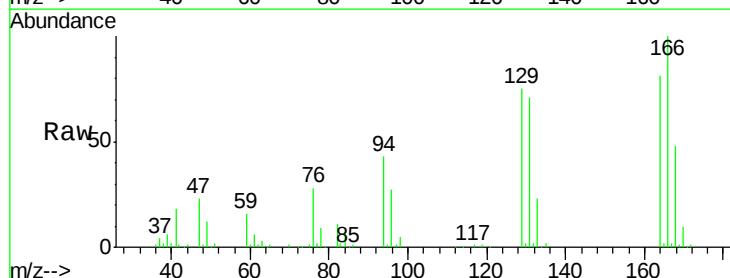
Ion Ratio Lower Upper

164 100

166 123.8 104.1 156.1

129 92.3 76.8 115.2

131 88.2 72.6 108.8

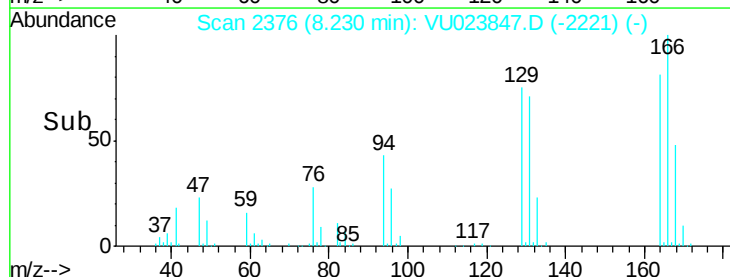
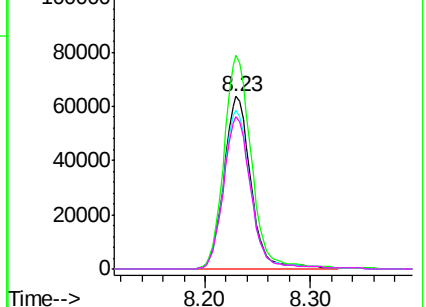


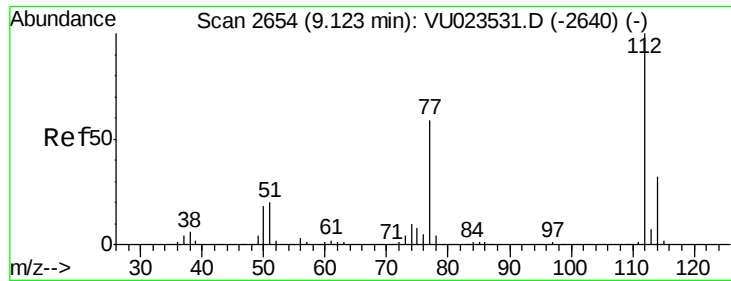
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 10.413 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023847.D

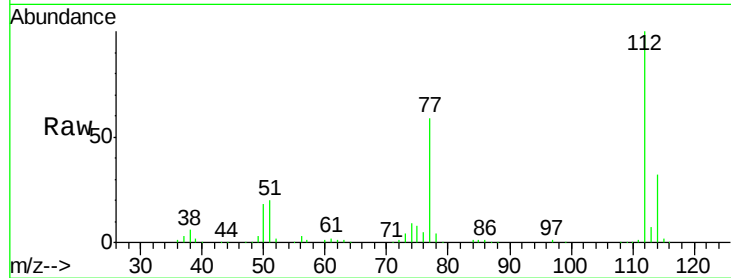
Acq: 14 May 2018 10:48

Tot Ion:112 Resp: 294366

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

200000

150000

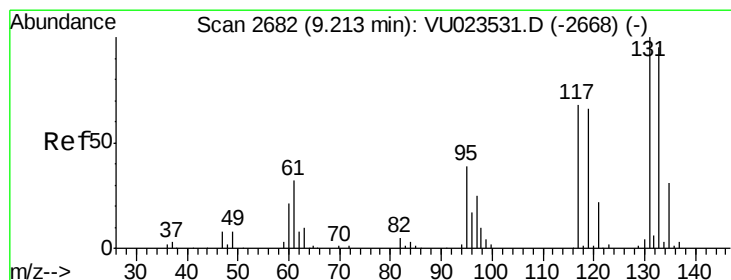
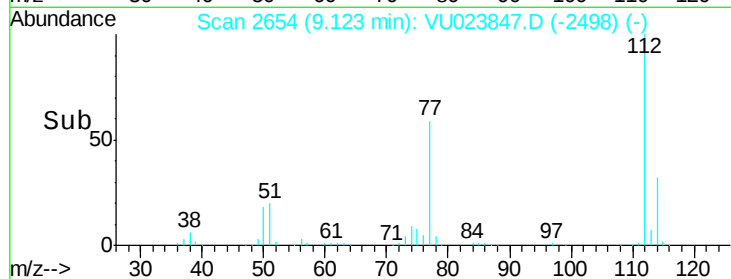
100000

50000

0

9.10 9.20

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.457 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

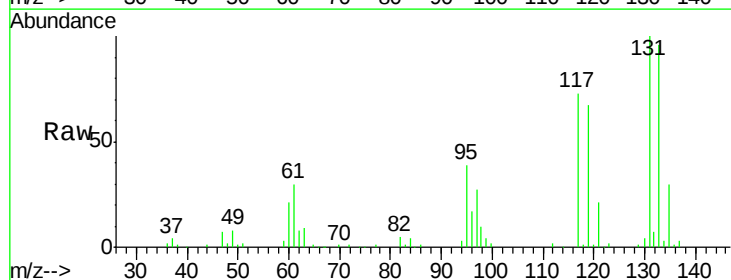
Tgt Ion:131 Resp: 100407

Ion Ratio Lower Upper

131 100

133 96.5 75.8 113.8

119 66.7 53.0 79.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

80000

60000

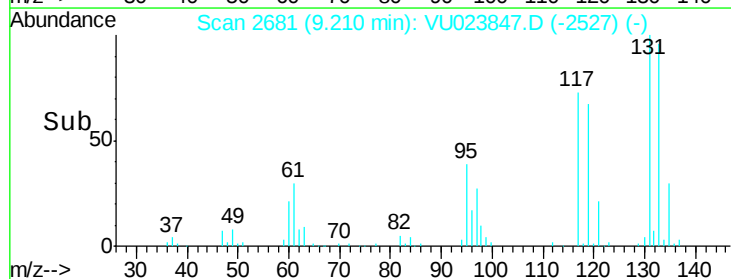
40000

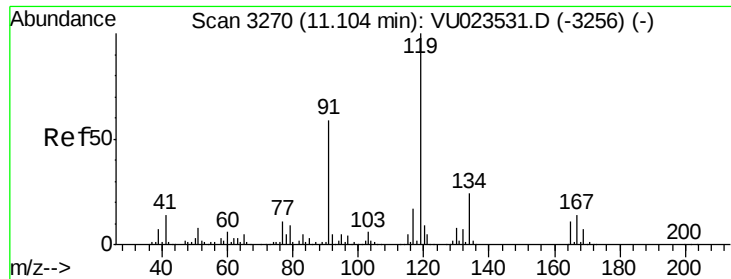
20000

0

9.15 9.20 9.25 9.30

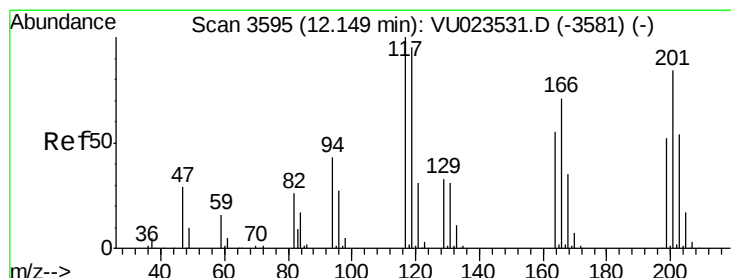
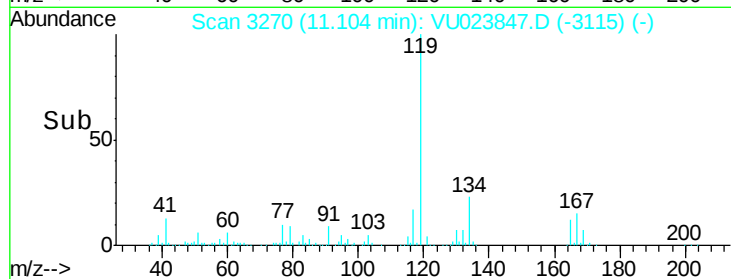
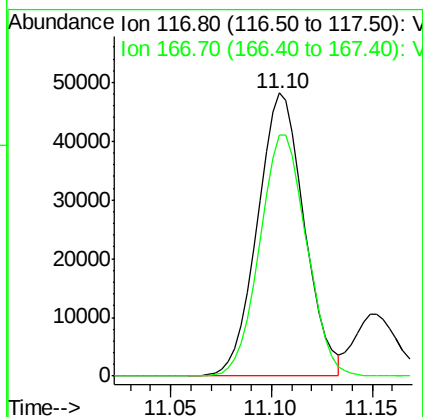
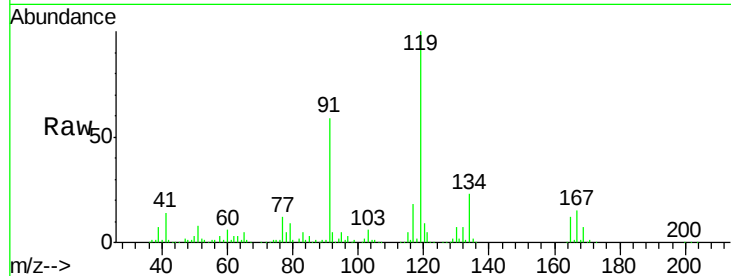
Time-->





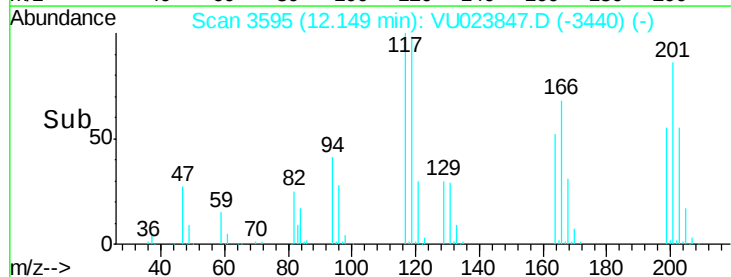
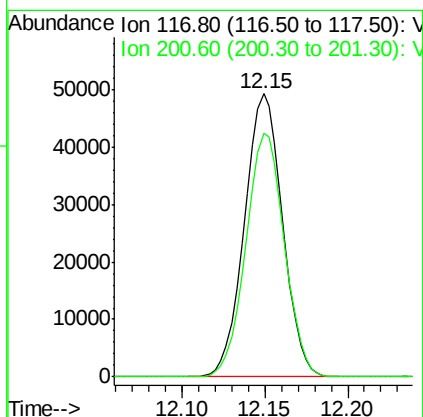
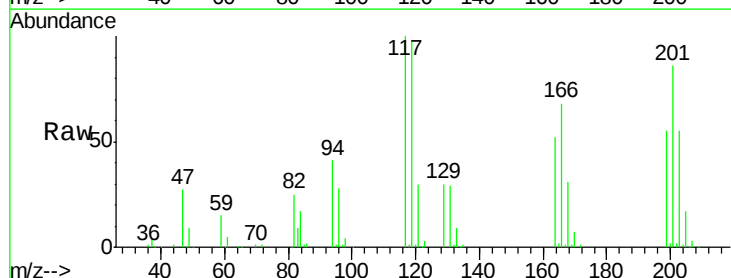
#61
 Pentachloroethane
 Concen: 11.434 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

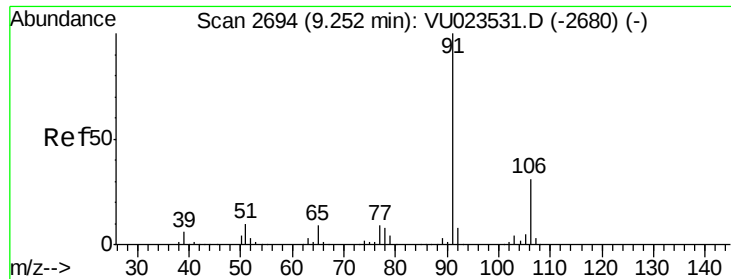
Tot Ion:117 Resp: 77925
 Ion Ratio Lower Upper
 117 100
 167 85.2 69.2 103.8



#62
 Hexachloroethane
 Concen: 12.016 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion:117 Resp: 78595
 Ion Ratio Lower Upper
 117 100
 201 87.1 68.7 103.1





#63

Ethyl Benzene

Concen: 10.950 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023847.D

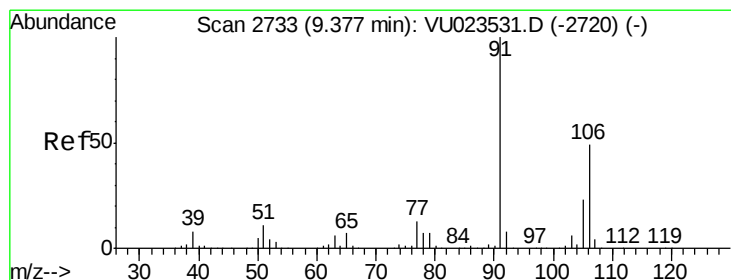
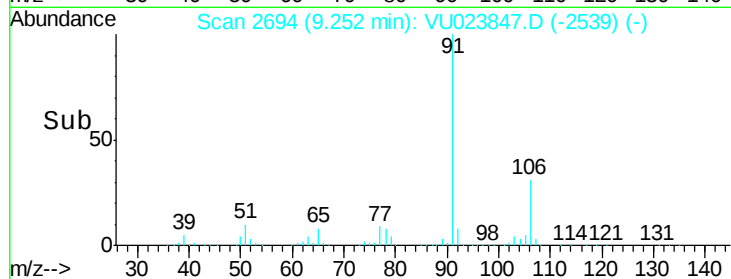
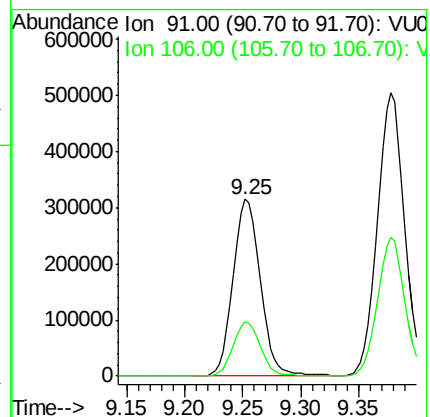
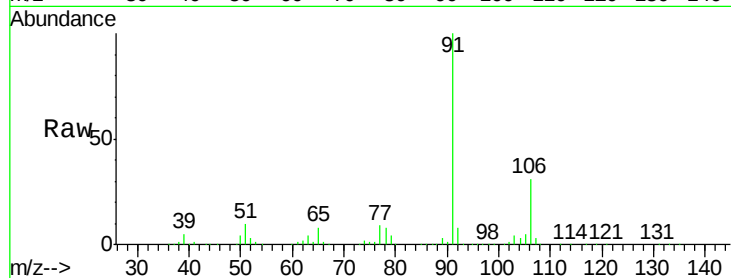
Acq: 14 May 2018 10:48

Tot Ion: 91 Resp: 514514

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#64

m/p-Xylenes

Concen: 22.425 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023847.D

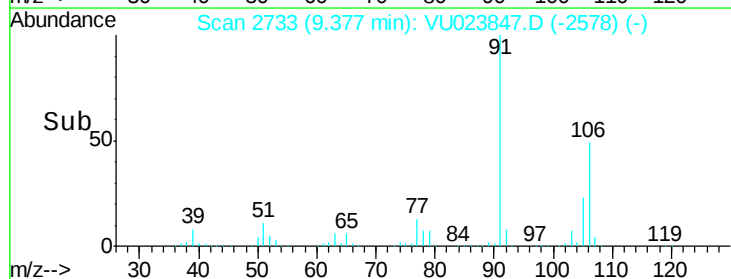
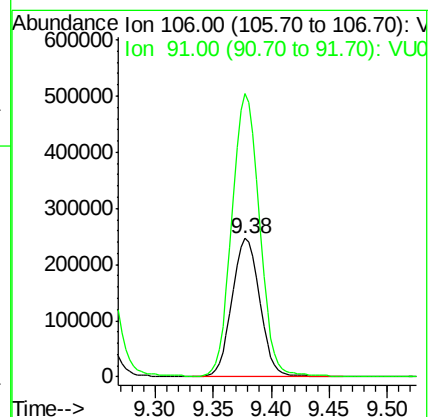
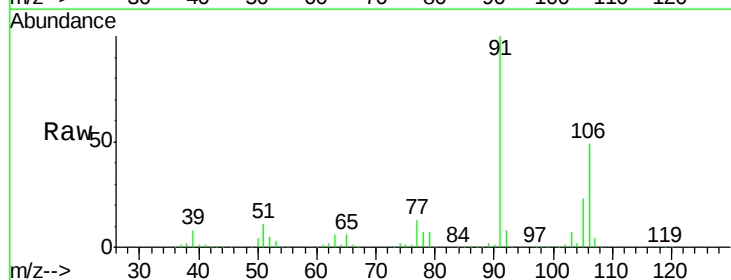
Acq: 14 May 2018 10:48

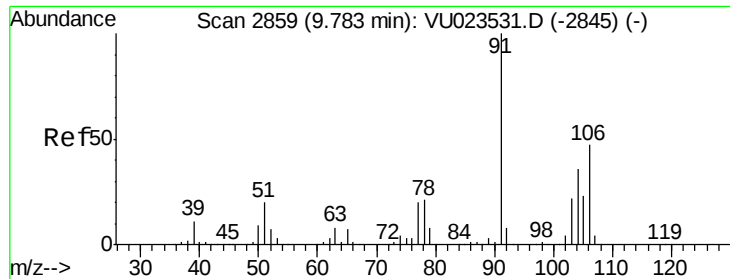
Tgt Ion: 106 Resp: 406358

Ion Ratio Lower Upper

106 100

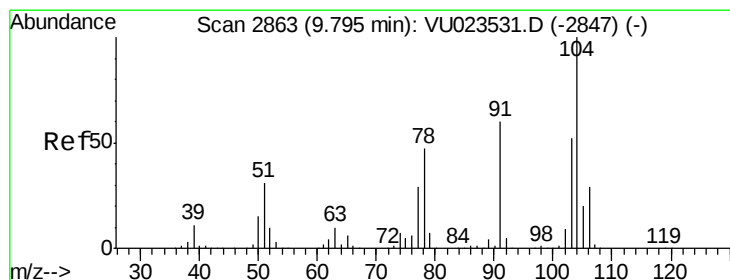
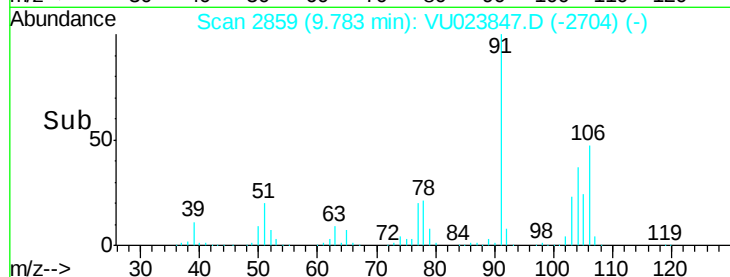
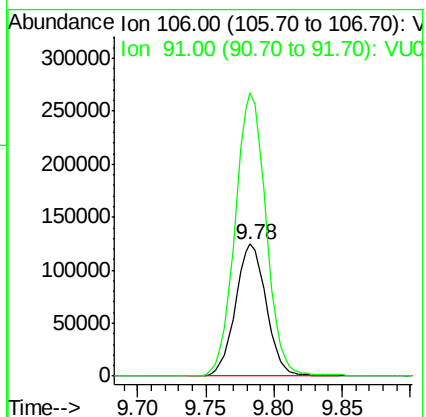
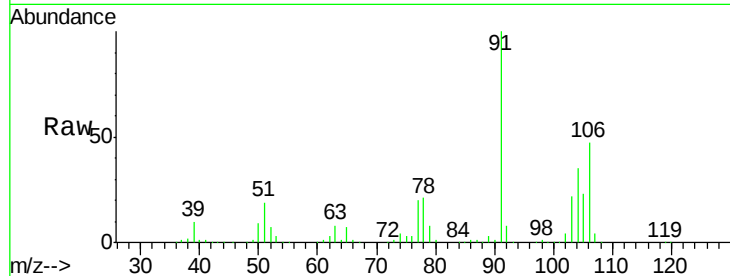
91 204.2 164.1 246.1





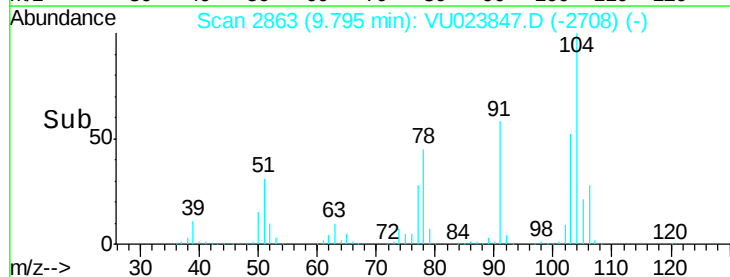
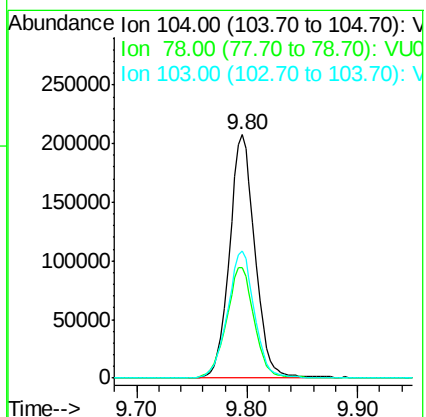
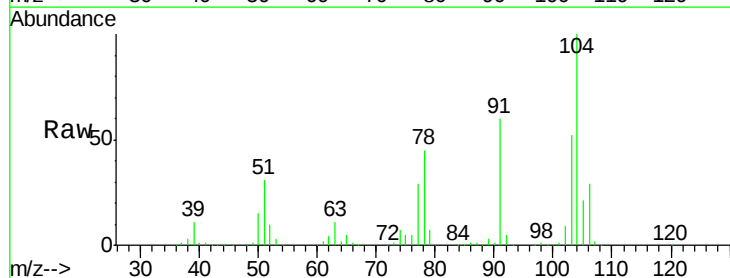
#65
o-Xylene
Concen: 11.227 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

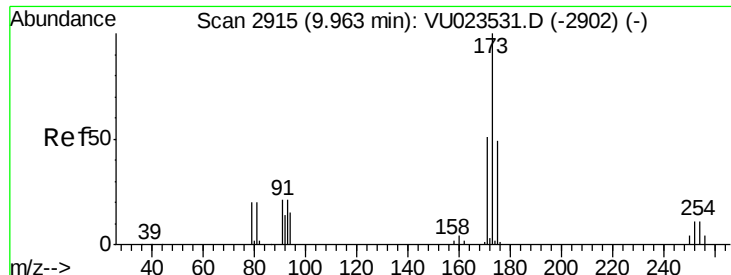
Tot Ion:106 Resp: 195904
Ion Ratio Lower Upper
106 100
91 215.6 107.9 323.7



#66
Styrene
Concen: 11.568 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt Ion:104 Resp: 332898
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 55.4 44.2 66.4





#67

Bromoform

Concen: 11.806 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

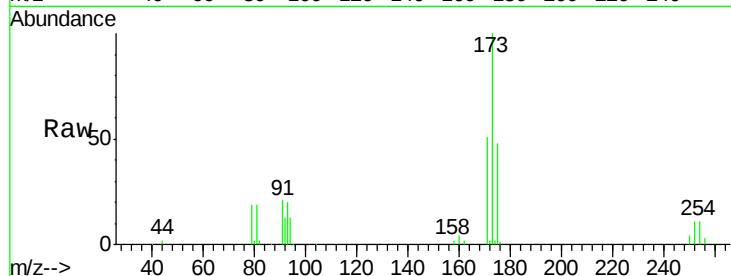
Tot Ion:173 Resp: 51846

Ion Ratio Lower Upper

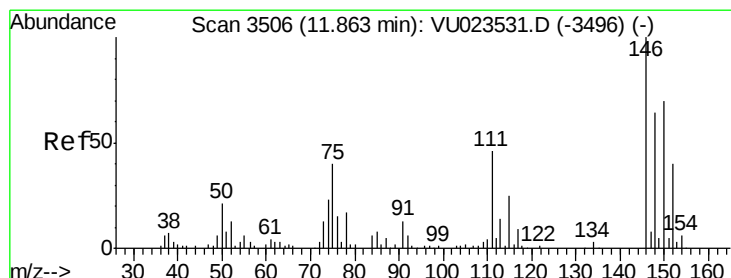
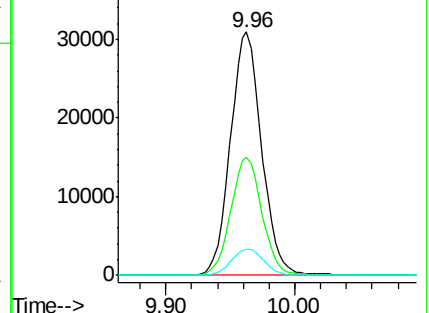
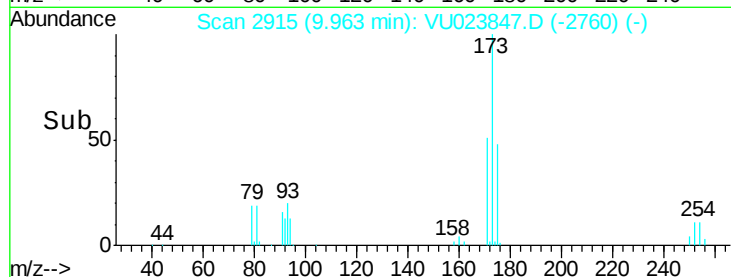
173 100

175 48.2 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: 11.806 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

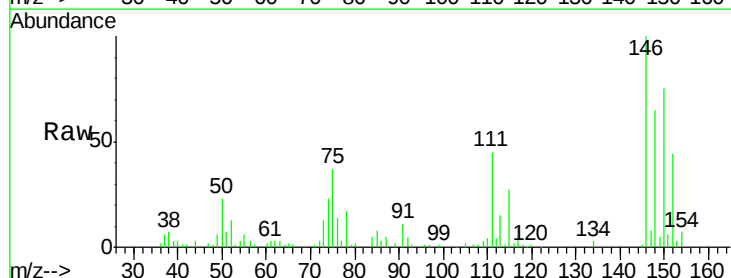
Tgt Ion:152 Resp: 16058

Ion Ratio Lower Upper

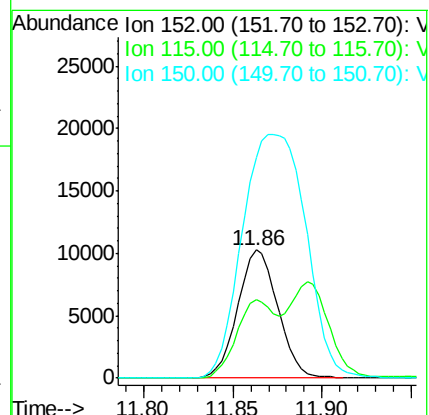
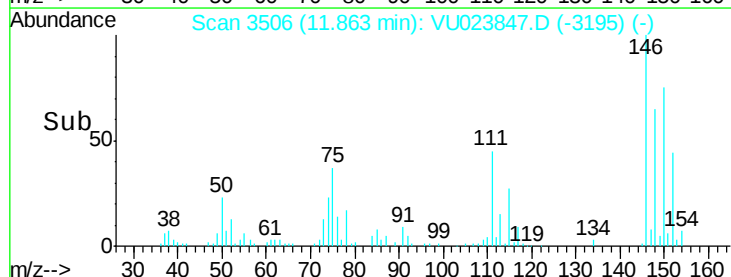
152 100

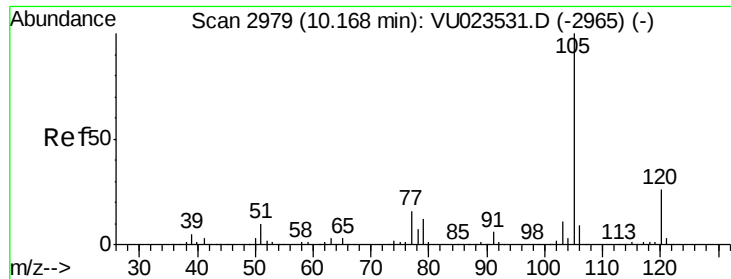
115 59.6 0.0 118.8

150 302.1 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: 11.195 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU023847.D

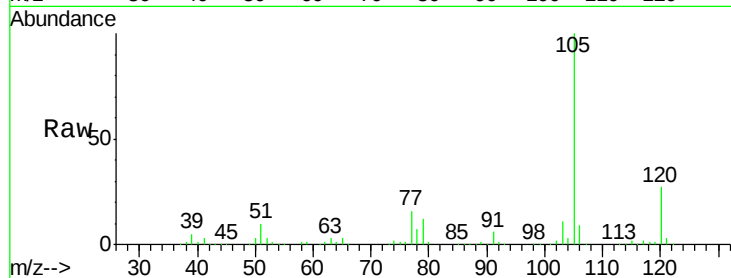
Acq: 14 May 2018 10:48

Tot Ion: 105 Resp: 503209

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

300000

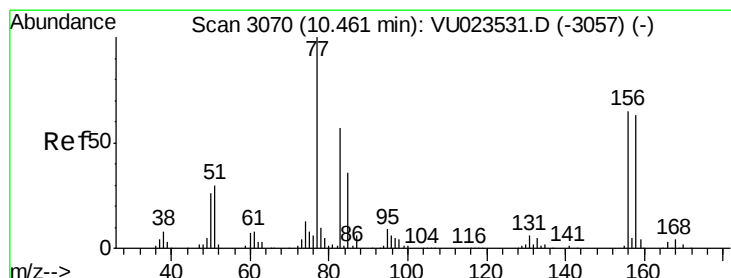
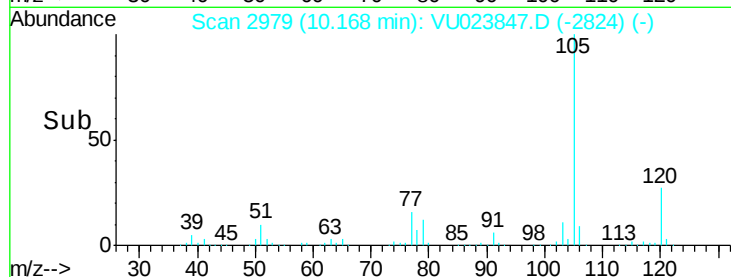
200000

100000

0

Time-->

10.10 10.20 10.30



#70

1,1,2,2-Tetrachloroethane

Concen: 11.187 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

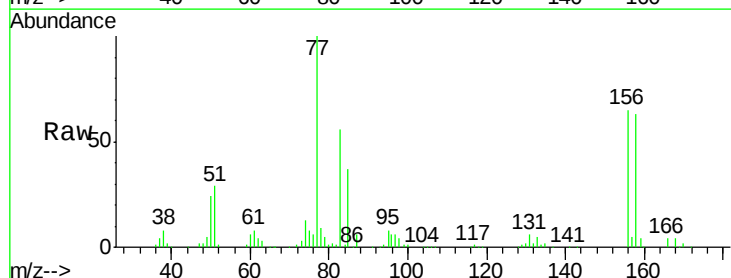
Tgt Ion: 83 Resp: 96756

Ion Ratio Lower Upper

83 100

131 10.3 7.9 11.9

85 64.1 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

80000

60000

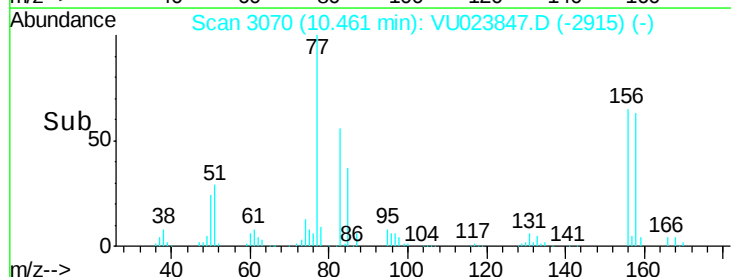
40000

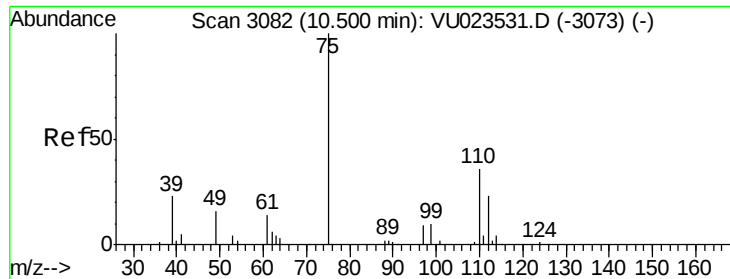
20000

0

Time-->

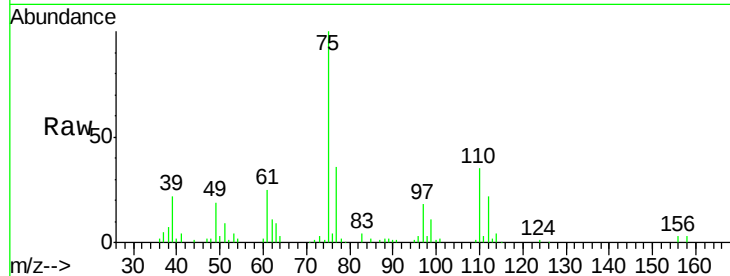
10.40 10.50



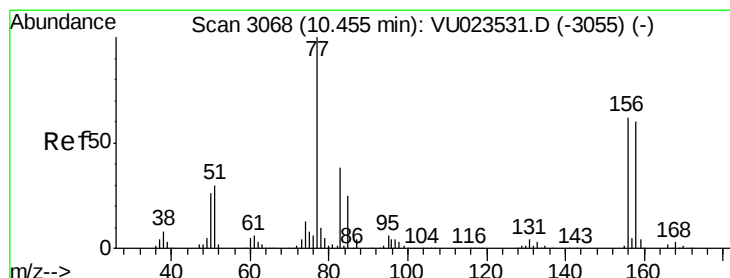
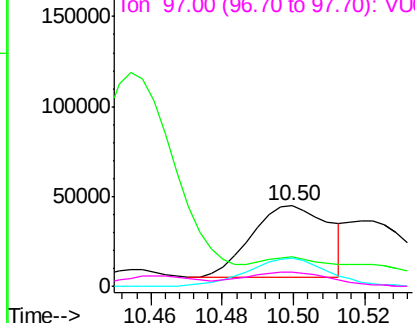
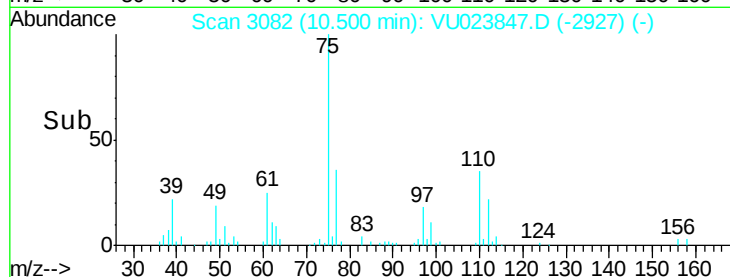


#71
 1,2,3-Trichloropropane
 Concen: 9.806 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion:	75	Resp:	60701
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	40.4	0.0	74.0
97	22.3	0.0	39.6

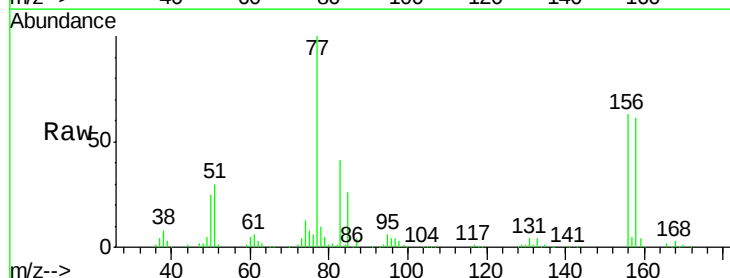


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

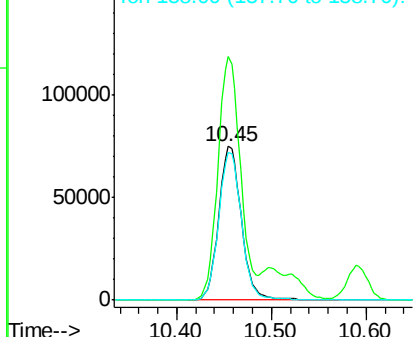
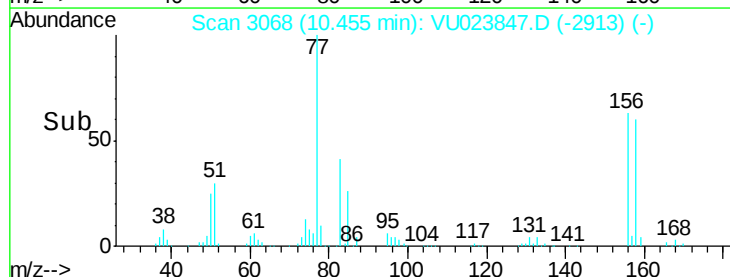


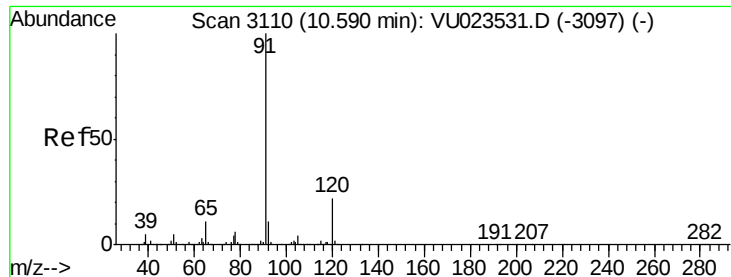
#72
 Bromobenzene
 Concen: 11.153 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion:	156	Resp:	124806
Ion	Ratio	Lower	Upper
156	100		
77	159.1	0.0	309.8
158	97.2	0.0	193.0



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





#73

n-propylbenzene

Concen: 11.826 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU023847.D

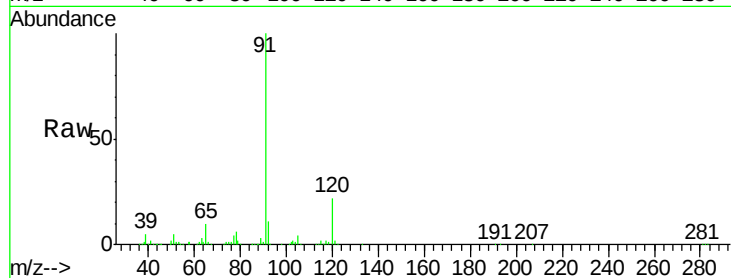
Acq: 14 May 2018 10:48

Tot Ion:120 Resp: 146941

Ion Ratio Lower Upper

120 100

91 437.8 352.2 528.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

500000

400000

300000

200000

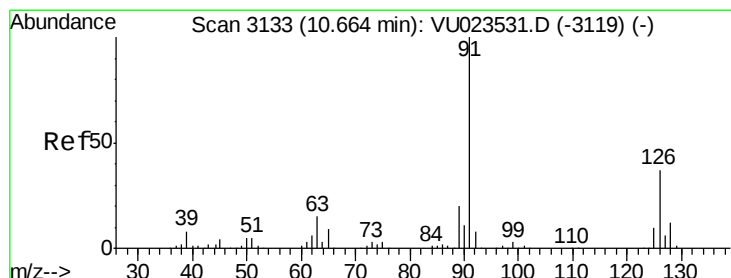
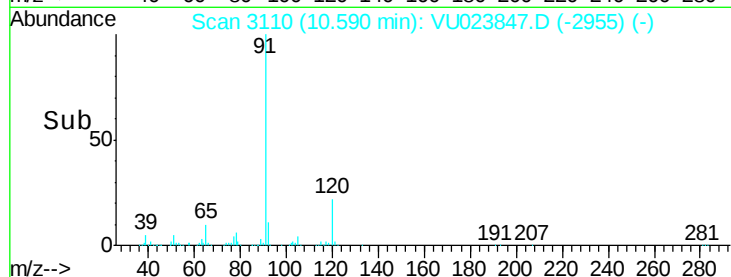
100000

0

10.59

10.55 10.60 10.65

Time-->



#74

2-Chlorotoluene

Concen: 11.506 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU023847.D

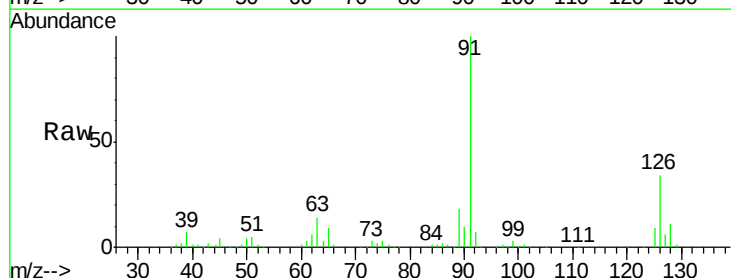
Acq: 14 May 2018 10:48

Tgt Ion:126 Resp: 126408

Ion Ratio Lower Upper

126 100

91 291.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

500000

400000

300000

200000

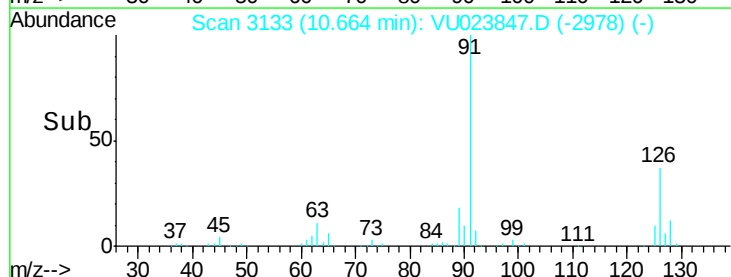
100000

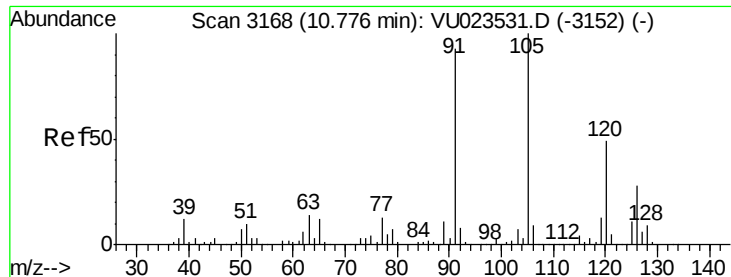
0

10.66

10.60 10.65 10.70 10.75

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 11.903 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023847.D

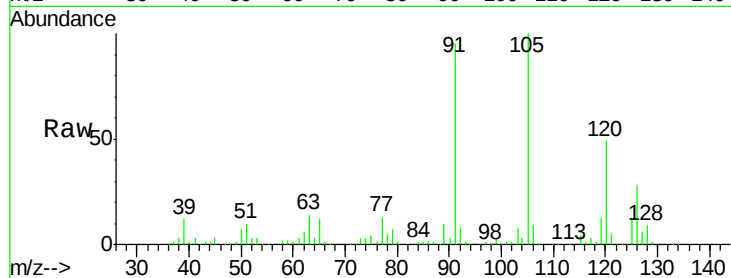
Acq: 14 May 2018 10:48

Tot Ion:105 Resp: 450763

Ion Ratio Lower Upper

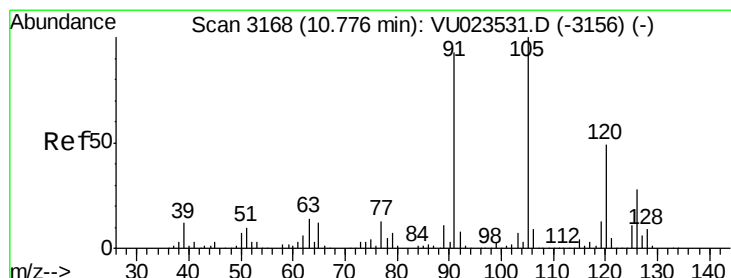
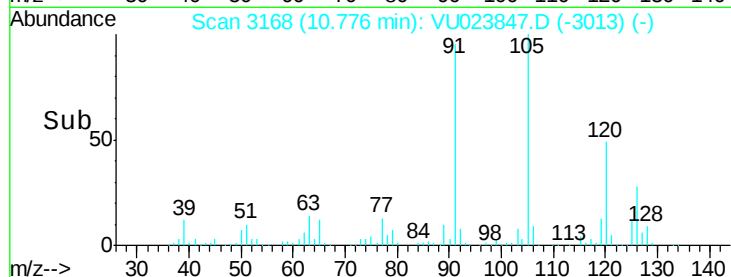
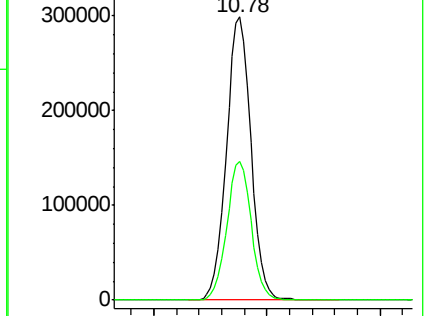
105 100

120 48.9 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: 11.624 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023847.D

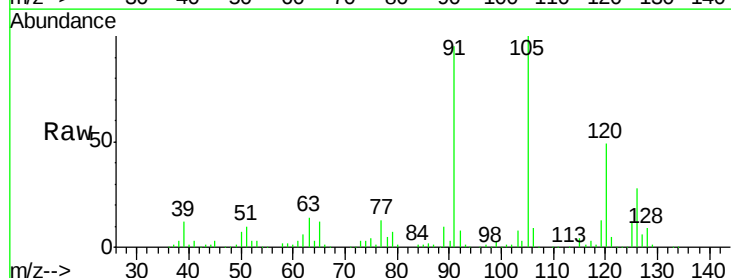
Acq: 14 May 2018 10:48

Tgt Ion:126 Resp: 132303

Ion Ratio Lower Upper

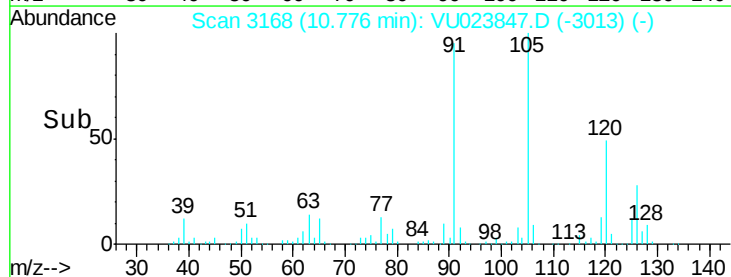
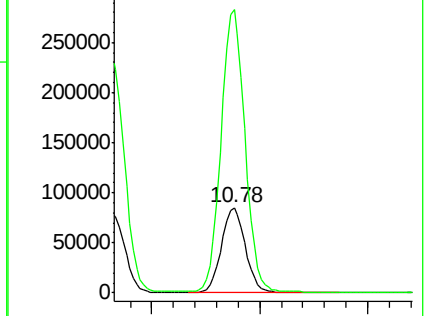
126 100

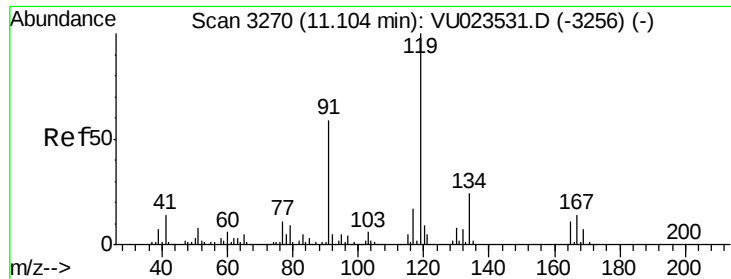
91 330.4 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

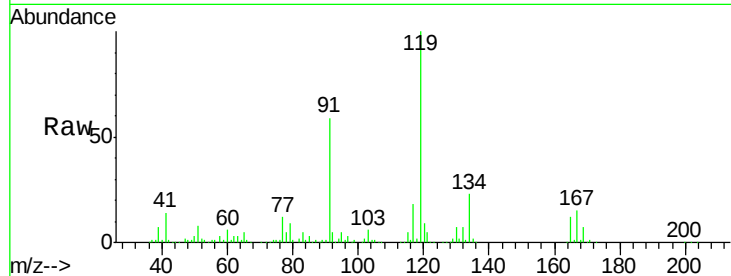
Ion 91.00 (90.70 to 91.70): VU0



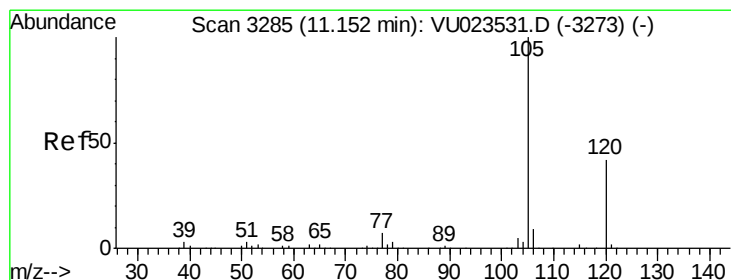
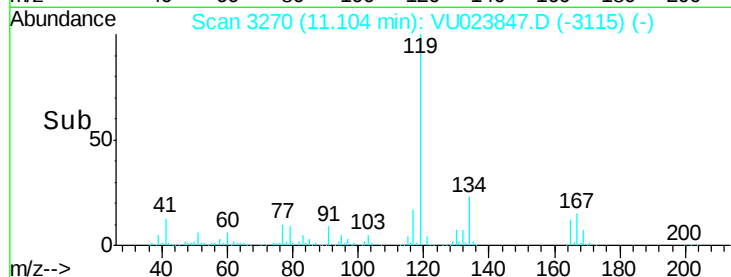
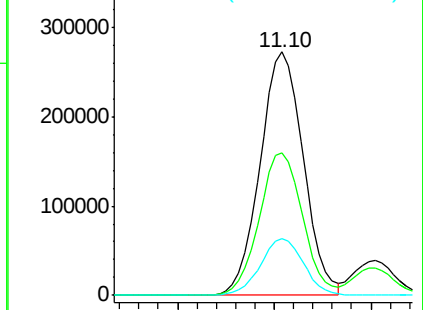


#77
tert-Butylbenzene
Concen: 11.941 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.6	88.8
134	23.2	19.1	28.7

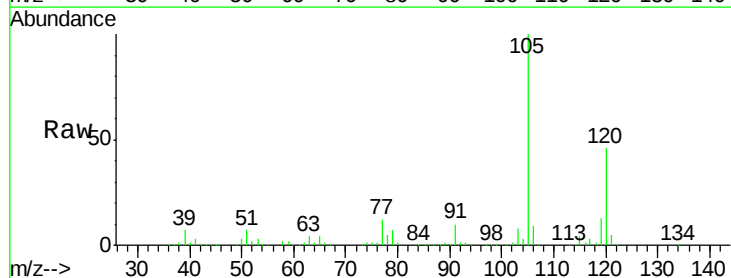


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

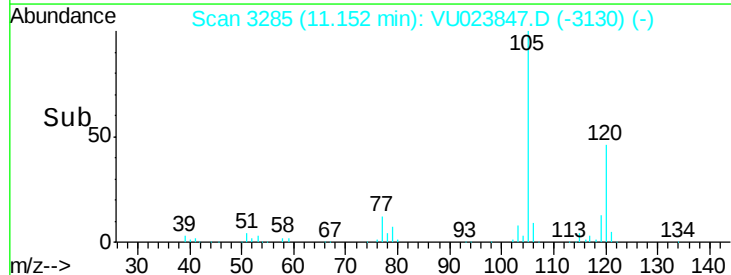
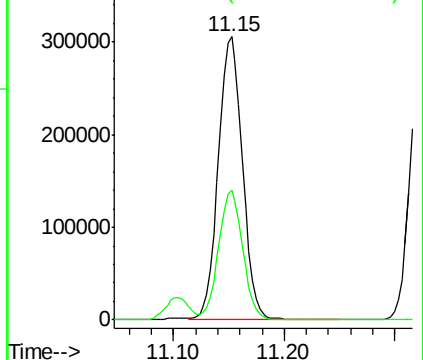


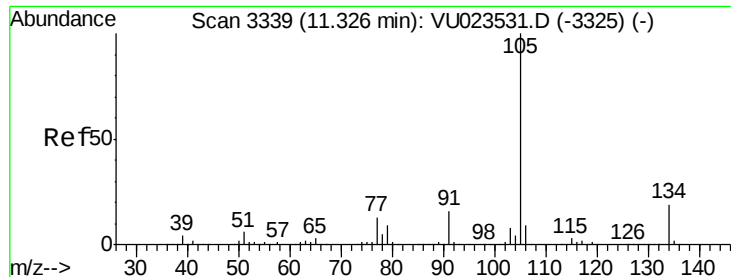
#78
1,2,4-Trimethylbenzene
Concen: 12.096 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3



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





#79

sec-Butylbenzene

Concen: 11.891 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU023847.D

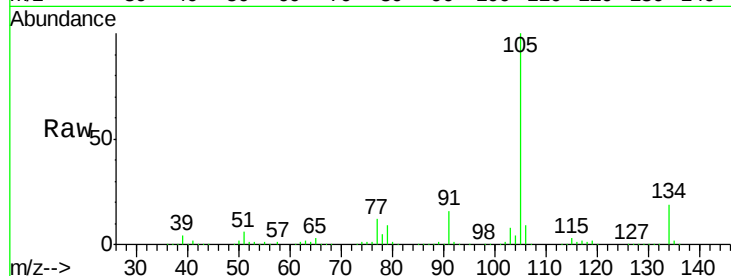
Acq: 14 May 2018 10:48

Tot Ion: 105 Resp: 590717

Ion Ratio Lower Upper

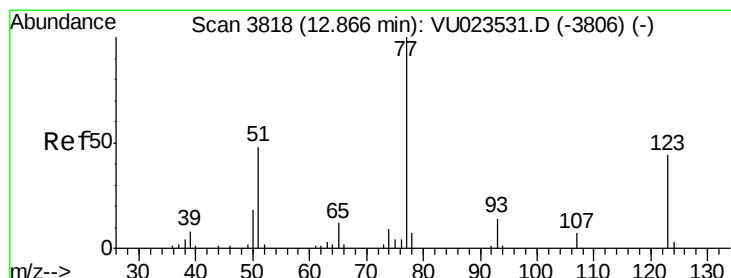
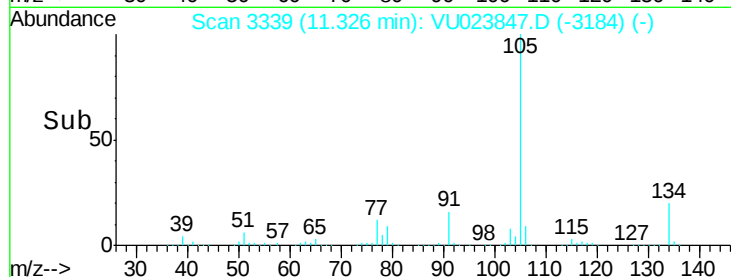
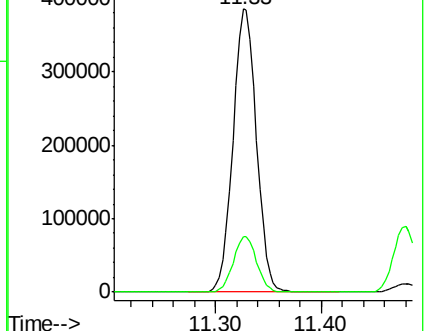
105 100

134 19.6 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: 46.179 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

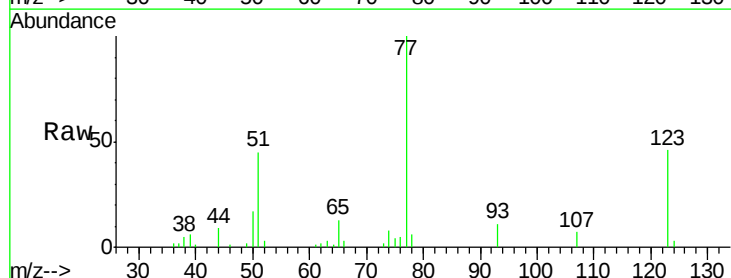
Tgt Ion: 77 Resp: 16468

Ion Ratio Lower Upper

77 100

123 47.4 19.4 68.6

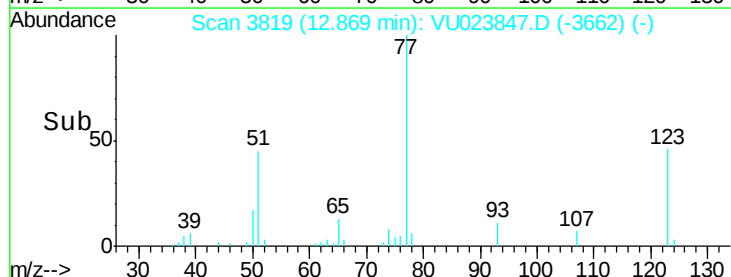
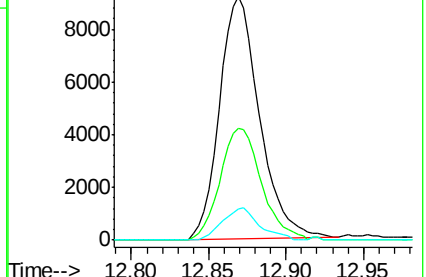
65 12.3 11.2 14.2

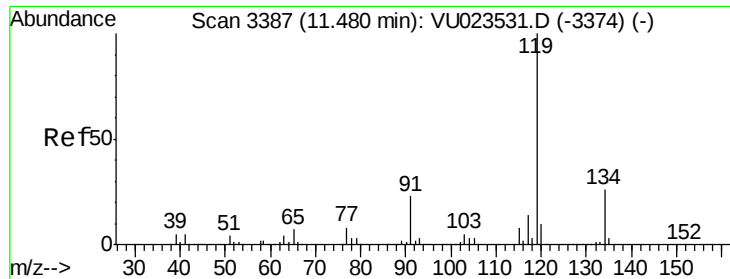


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

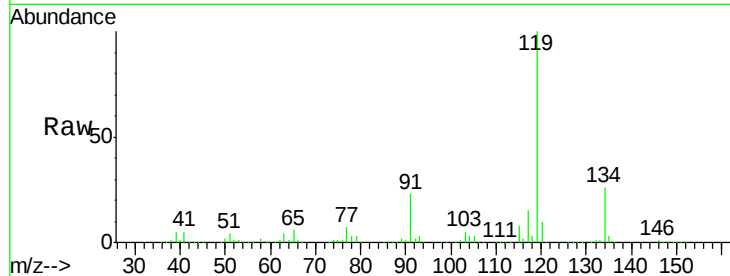
Ion 65.00 (64.70 to 65.70): VU0



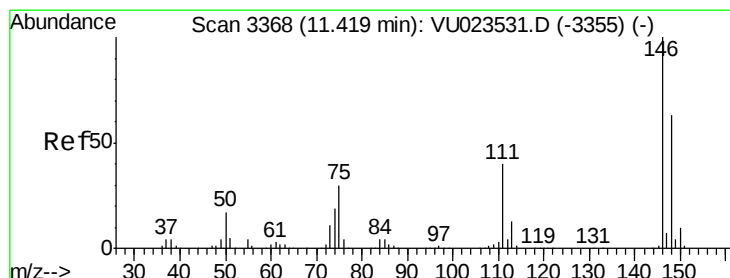
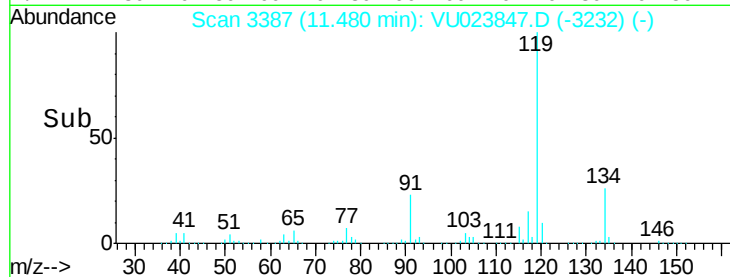
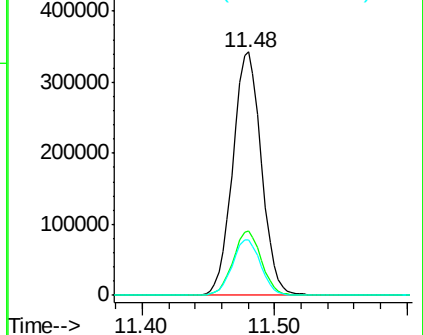


#81
 p-Isopropyltoluene
 Concen: 12.529 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.9	31.3
91	23.0	18.2	27.2

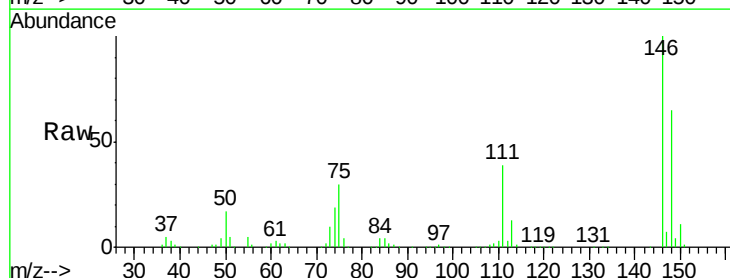


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

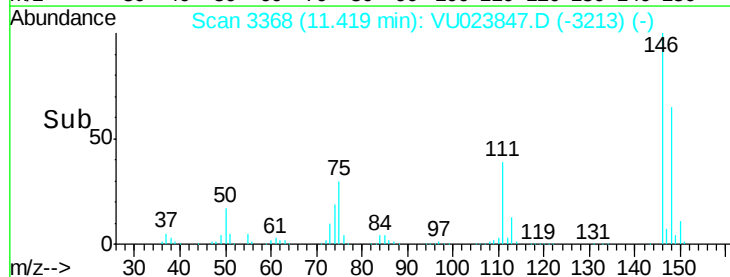
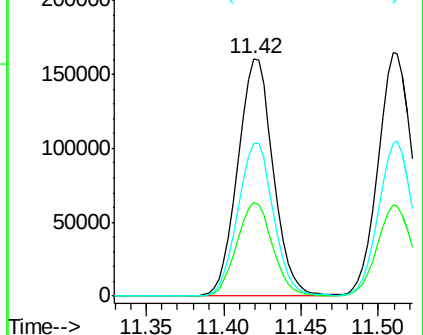


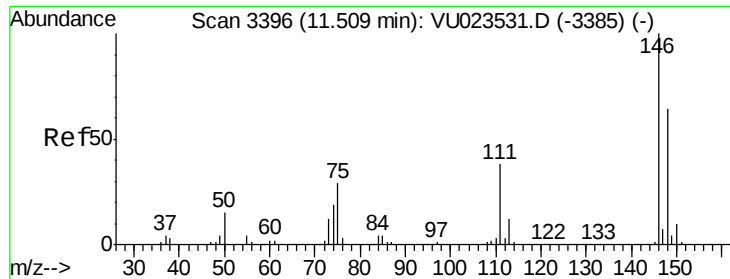
#82
 1,3-Dichlorobenzene
 Concen: 11.480 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.8	47.6
148	64.8	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: 11.666 ug/l

RT: 11.51 min Scan# 3396

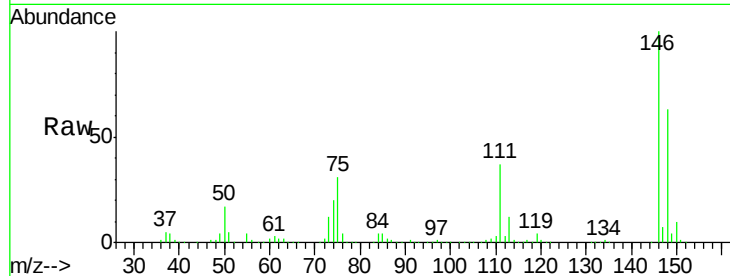
Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tot Ion:146 Resp: 260222

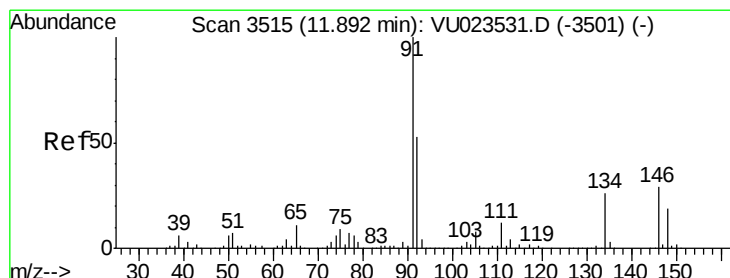
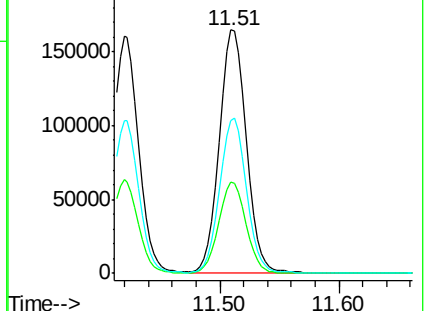
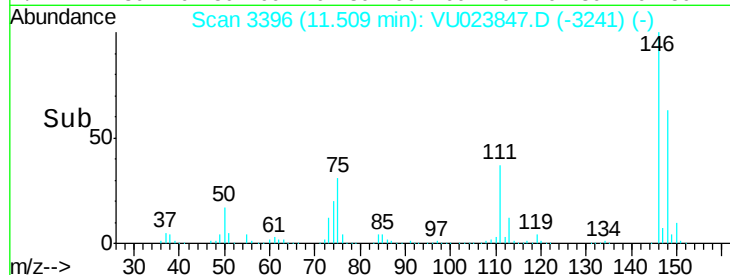
Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.1	45.1
148	63.5	50.6	76.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 12.281 ug/l

RT: 11.89 min Scan# 3515

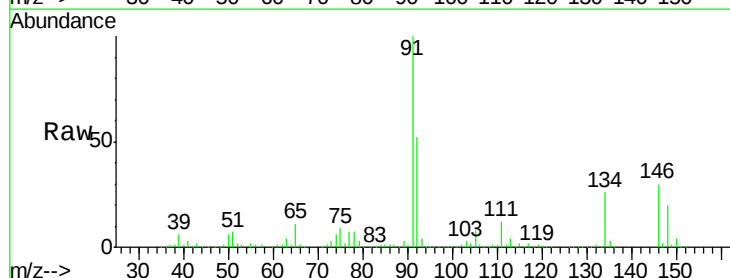
Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 91 Resp: 489461

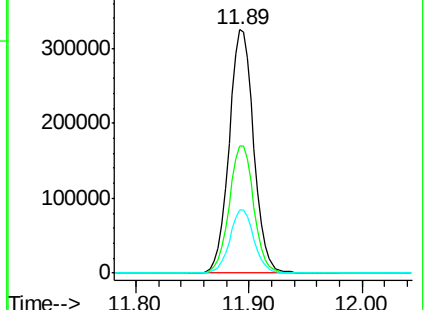
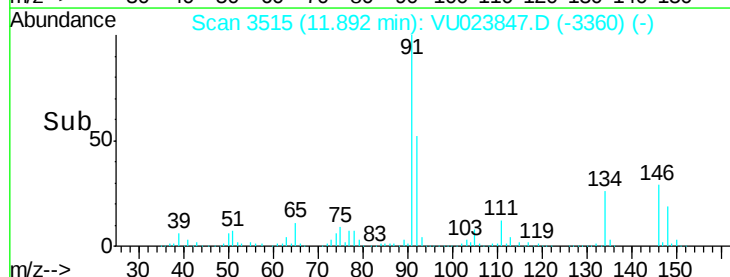
Ion	Ratio	Lower	Upper
91	100		
92	52.4	42.2	63.2
134	25.6	20.3	30.5

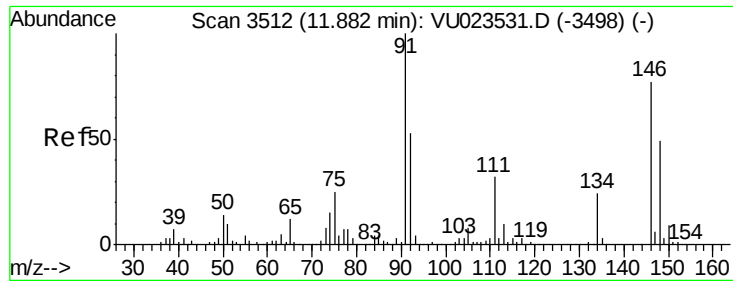


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 11.603 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

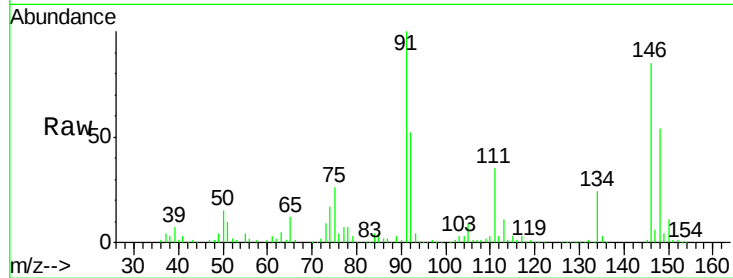
Tot Ion:146 Resp: 233977

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

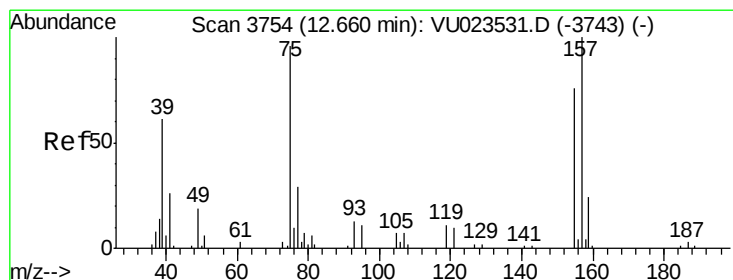
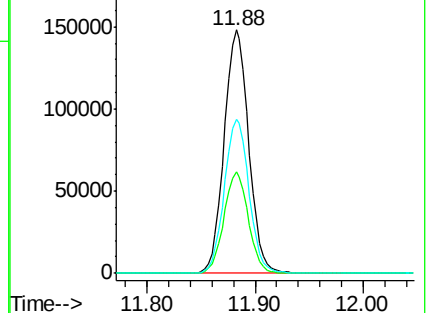
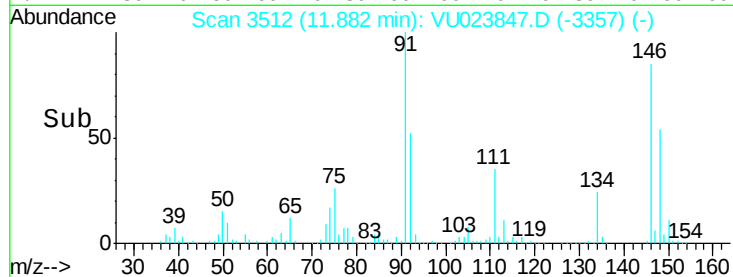
148 63.7 31.9 95.5



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: 13.113 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

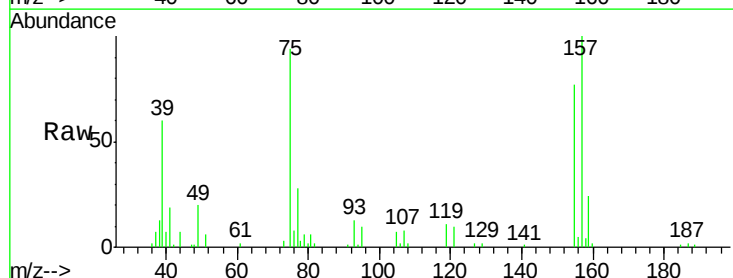
Tgt Ion: 75 Resp: 16006

Ion Ratio Lower Upper

75 100

155 78.8 65.8 98.6

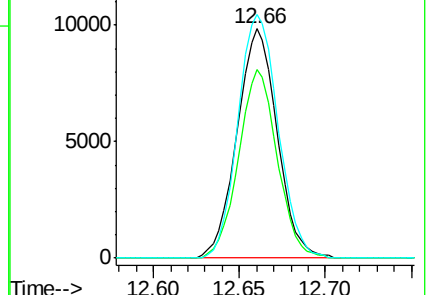
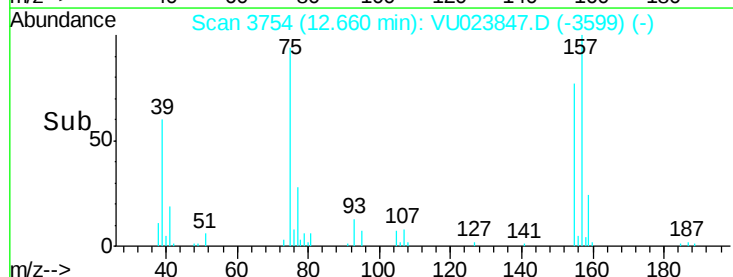
157 106.3 83.5 125.3

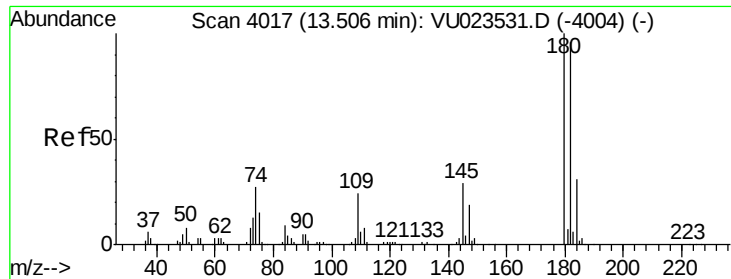


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

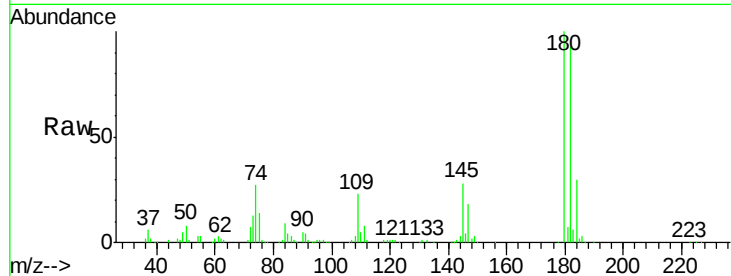
Ion 157.00 (156.70 to 157.70): V



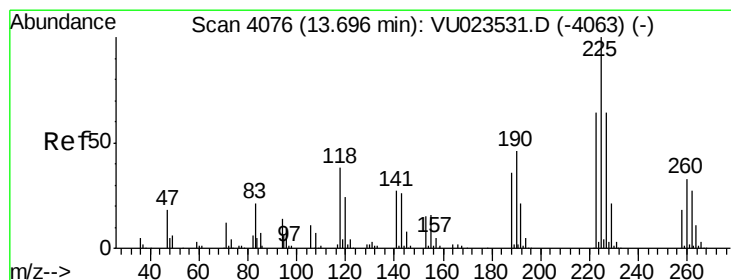
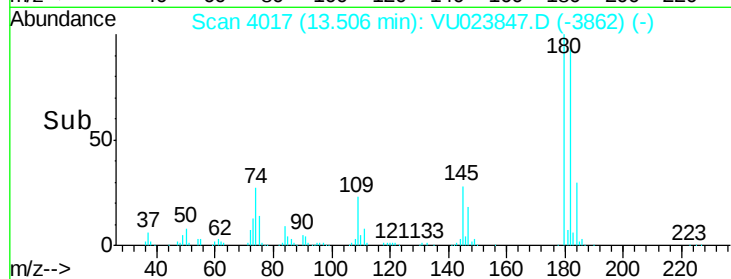
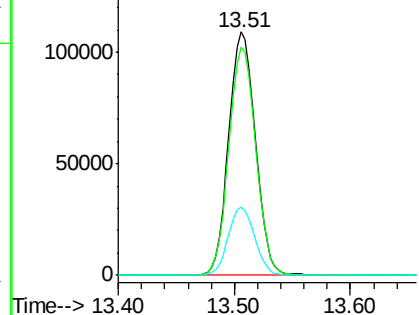


#87
 1,2,4-Trichlorobenzene
 Concen: 11.923 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	27.8	23.3	34.9

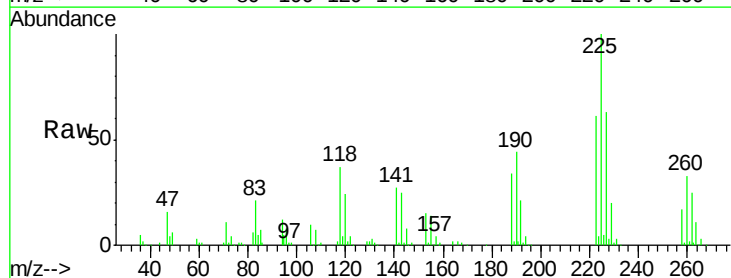


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

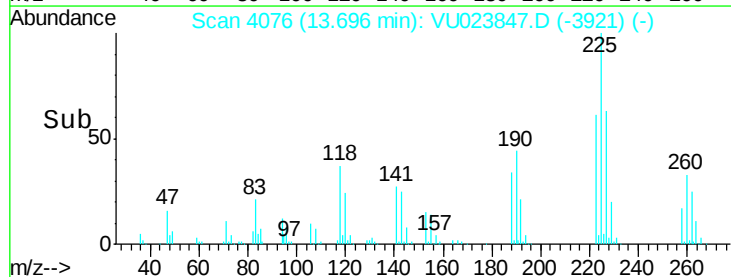
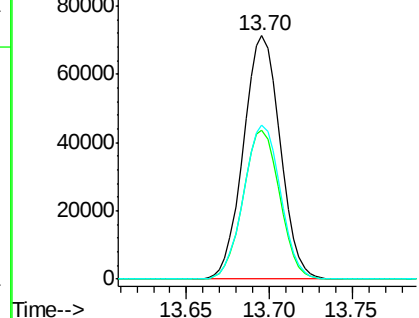


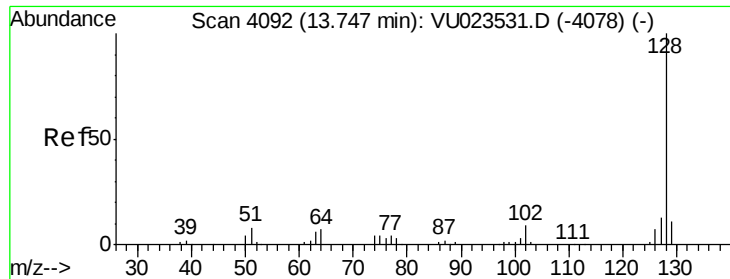
#88
 Hexachlorobutadiene
 Concen: 12.448 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	75.8
227	63.4	51.8	77.6



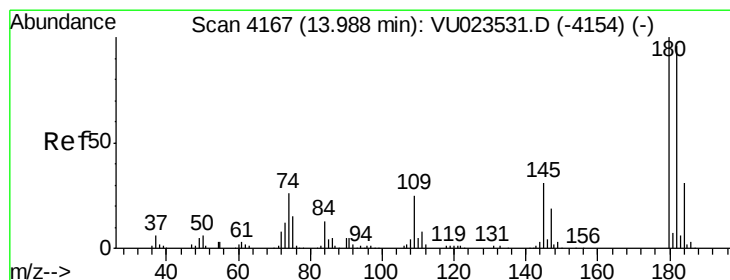
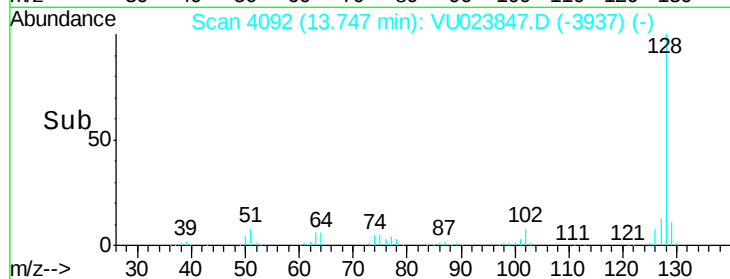
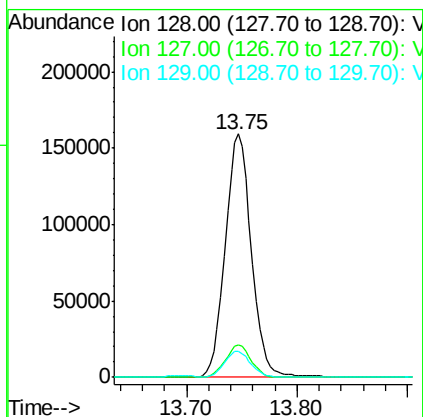
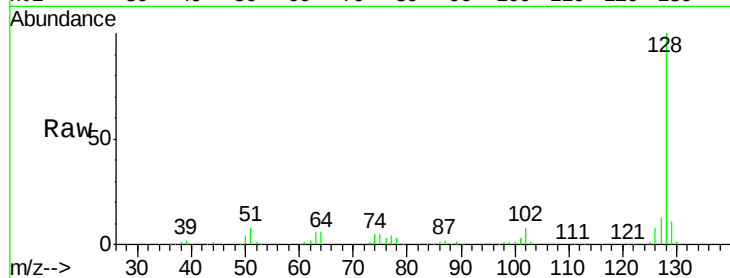
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 11.893 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tot Ion:128 Resp: 261235
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 11.755 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt Ion:180 Resp: 160942
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 29.9 24.6 36.8

