

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 04:06:35 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

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141260	10.69	ug/l	99
3) Chloromethane	1.33	50	161744	10.56	ug/l	100
4) Vinyl Chloride	1.40	62	161662	11.01	ug/l	99
5) Bromomethane	1.63	94	72799	9.27	ug/l	98
6) Chloroethane	1.70	64	93263	11.41	ug/l	99
7) Trichlorofluoromethane	1.89	101	192405	11.41	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	116137	11.21	ug/l	97
9) 1,1-Dichloroethene	2.29	96	106377	11.06	ug/l	96
10) Iodomethane	2.41	142	81637	7.14	ug/l	98
11) Allyl Chloride	2.60	41	200992	11.37	ug/l	99
12) Acrylonitrile	2.94	53	50816	25.61	ug/l	94
13) Acetone	2.33	43	241050	143.12	ug/l	99
14) Carbon Disulfide	2.48	76	355686	11.24	ug/l	100
15) Methylene Chloride	2.70	84	114928	10.49	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	111968	10.87	ug/l	99
17) 1,1-Dichloroethane	3.45	63	214703	10.58	ug/l	100
18) 2-Butanone	4.28	43	237490	87.26	ug/l	100
19) Cyclohexane	4.99	56	166561	9.50	ug/l	93
20) Methylcyclohexane	6.42	83	183614	10.26	ug/l	99
21) 2,2-Dichloropropane	4.23	77	161841	10.06	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	118774	10.65	ug/l	97
23) Diethyl Ether	2.11	59	89382	11.37	ug/l	97
24) tert-Butyl Alcohol	2.85	59	87185	147.07	ug/l #	81
25) Methyl tert-Butyl Ether	3.00	73	268959	11.13	ug/l	99
26) Bromochloromethane	4.55	128	50841	11.54	ug/l	94
27) Chloroform	4.68	83	202177	10.58	ug/l	100
28) 1,1,1-Trichloroethane	4.92	97	165913	10.58	ug/l	99
29) 1,1-Dichloropropene	5.14	75	161530	10.50	ug/l	99
30) Carbon Tetrachloride	5.14	117	144822	10.98	ug/l	100
31) Isopropyl Ether	3.58	45	330188	9.64	ug/l	97
32) Ethyl-t-butyl ether	4.08	59	279547	9.55	ug/l	98
33) Tert-Amyl methyl ether	5.59	73	239430	9.66	ug/l	99
34) Propionitrile	4.34	54	44130	56.95	ug/l #	94
35) Benzene	5.39	78	454304	9.94	ug/l	99
36) 1,2-Dichloroethane	5.41	62	123947	9.59	ug/l	100
37) Trichloroethene	6.19	130	115925	9.45	ug/l	97
38) 1,2-Dichloropropane	6.44	63	122842	9.80	ug/l	97
39) Methacrylonitrile	4.55	41	39163	9.88	ug/l	95
40) Methyl acrylate	4.43	55	54156	9.85	ug/l	97
41) Tetrahydrofuran	4.65	42	40995	20.08	ug/l	97
42) 1-Chlorobutane	5.07	56	229984	10.32	ug/l	99

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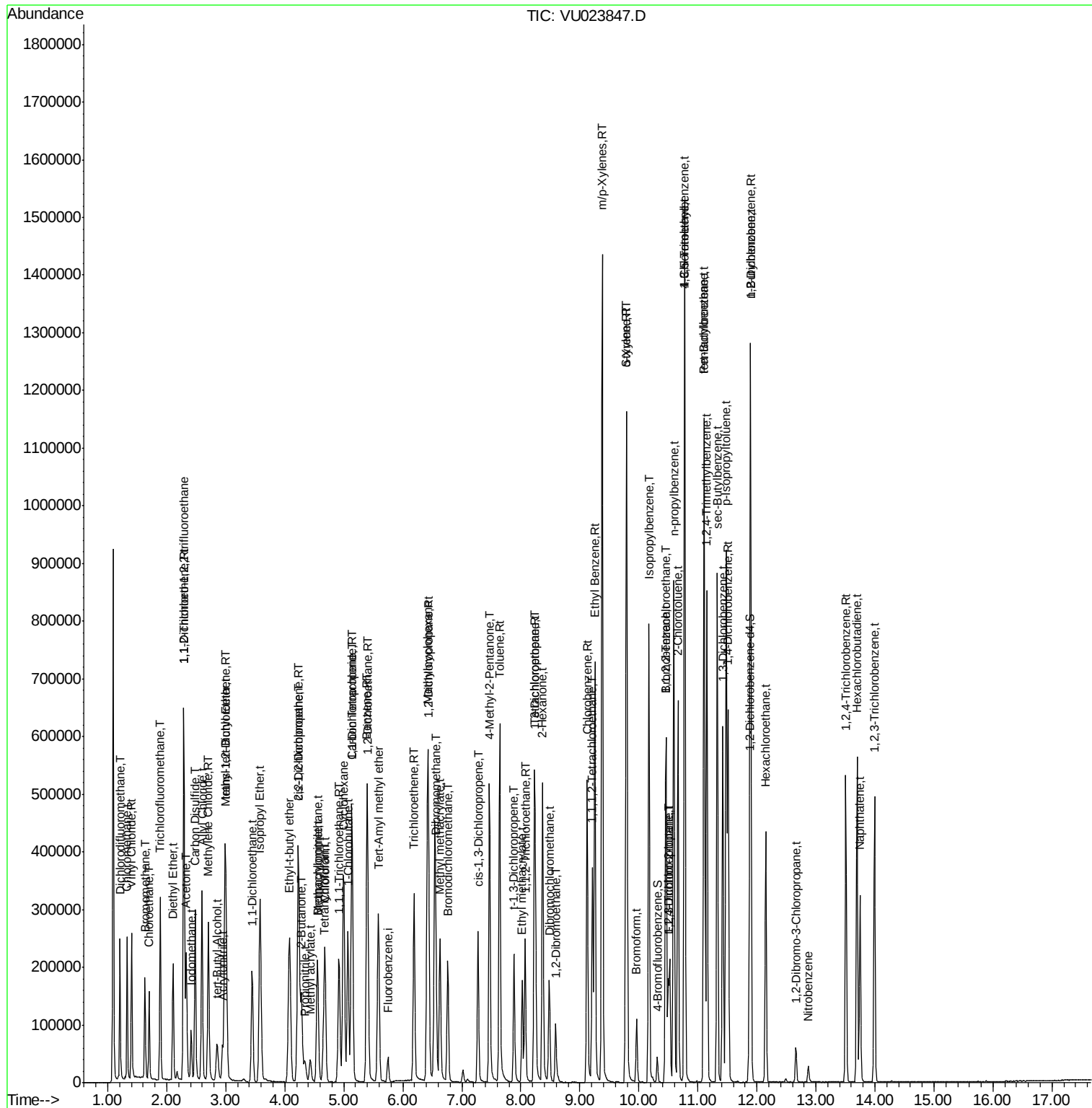
Quant Time: May 15 04:06:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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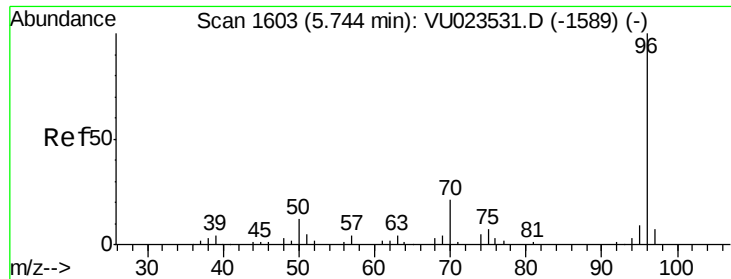
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	56005	10.38	ug/l	98
44) Bromodichloromethane	6.76	83	139980	10.33	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	362050	56.80	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	60701	32.21	ug/l #	72
47) Methyl methacrylate	6.63	69	107511	22.00	ug/l	97
48) Ethyl methacrylate	8.02	69	92061	10.77	ug/l	100
49) Toluene	7.64	92	276715	10.48	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	125741	10.87	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	157518	10.46	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	77730	10.13	ug/l	98
53) 1,3-Dichloropropane	8.25	76	139318	10.21	ug/l	99
54) 2-Hexanone	8.37	43	341646	78.68	ug/l	99
55) Dibromochloromethane	8.48	129	91462	10.88	ug/l	100
56) 1,2-Dibromoethane	8.59	107	68719	10.39	ug/l	99
58) Tetrachloroethene	8.23	164	112622	10.06	ug/l	96
59) Chlorobenzene	9.12	112	294366	10.41	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	100407	10.46	ug/l	99
61) Pentachloroethane	11.10	117	77925	11.43	ug/l	99
62) Hexachloroethane	12.15	117	78595	12.02	ug/l	99
63) Ethyl Benzene	9.25	91	514514	10.95	ug/l	100
64) m/p-Xylenes	9.38	106	406358	22.42	ug/l	99
65) o-Xylene	9.78	106	195904	11.23	ug/l	100
66) Styrene	9.80	104	332898	11.57	ug/l	100
67) Bromoform	9.96	173	51846	11.81	ug/l	100
69) Isopropylbenzene	10.17	105	503209	11.20	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	96756	11.19	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	60701	9.81	ug/l #	94
72) Bromobenzene	10.45	156	124806	11.15	ug/l	98
73) n-propylbenzene	10.59	120	146941	11.83	ug/l	99
74) 2-Chlorotoluene	10.66	126	126408	11.51	ug/l	93
75) 1,3,5-Trimethylbenzene	10.78	105	450763	11.90	ug/l	100
76) 4-Chlorotoluene	10.78	126	132303	11.62	ug/l	98
77) tert-Butylbenzene	11.10	119	423632	11.94	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	462470	12.10	ug/l	99
79) sec-Butylbenzene	11.33	105	590717	11.89	ug/l	100
80) Nitrobenzene	12.87	77	16468	46.18	ug/l	96
81) p-Isopropyltoluene	11.48	119	511491	12.53	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	256415	11.48	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	260222	11.67	ug/l	100
84) n-Butylbenzene	11.89	91	489461	12.28	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	233977	11.60	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16006	13.11	ug/l	97
87) 1,2,4-Trichlorobenzene	13.51	180	173900	11.92	ug/l	98
88) Hexachlorobutadiene	13.70	225	110087	12.45	ug/l	98
89) Naphthalene	13.75	128	261235	11.89	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	160942	11.76	ug/l	100

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

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#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 96 Resp: 40696

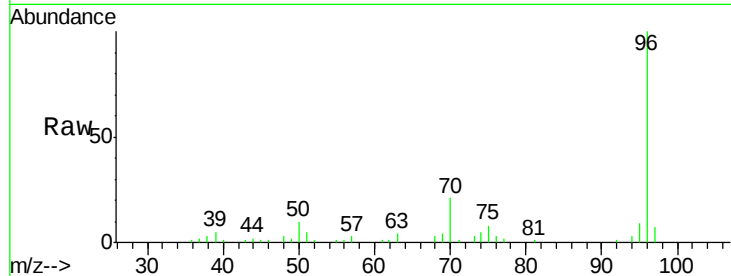
Ion Ratio Lower Upper

96 100

70 22.5 16.2 24.4

95 9.0 6.9 10.3

97 0.0 0.0 0.0

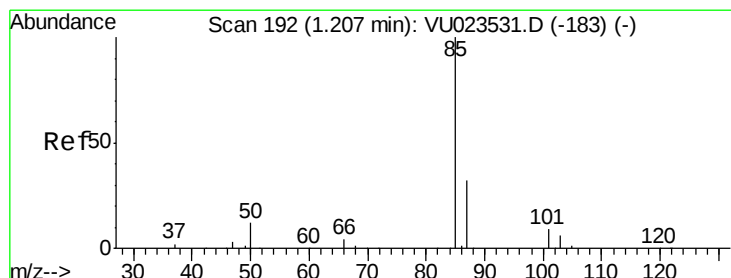
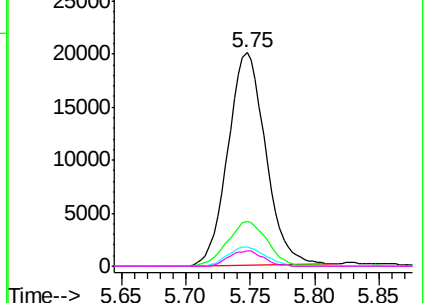
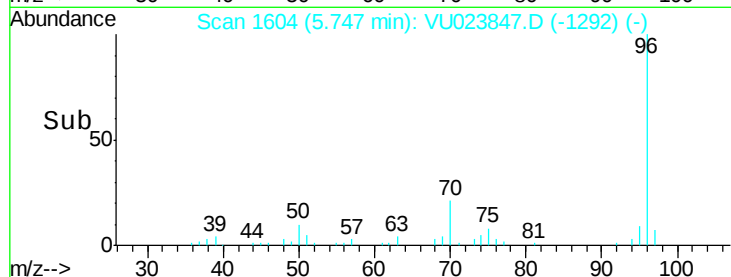


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 10.69 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023847.D

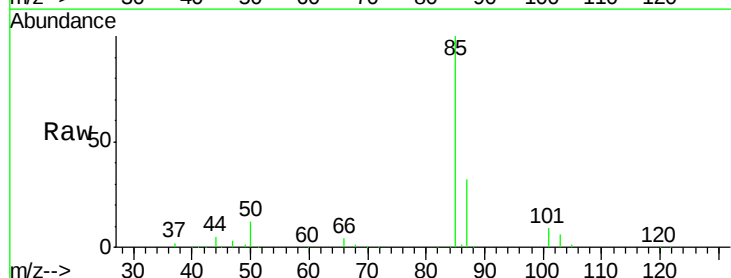
Acq: 14 May 2018 10:48

Tgt Ion: 85 Resp: 141260

Ion Ratio Lower Upper

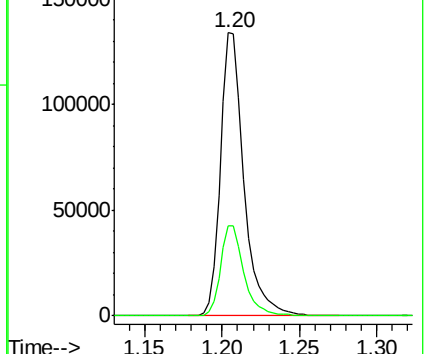
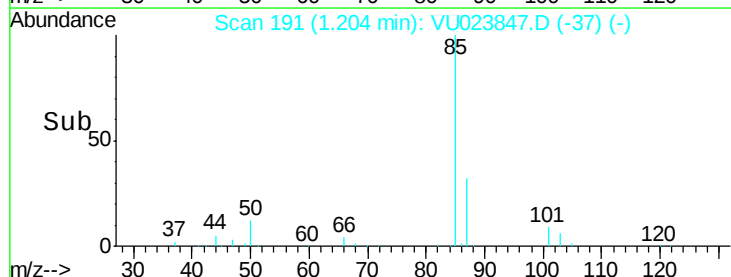
85 100

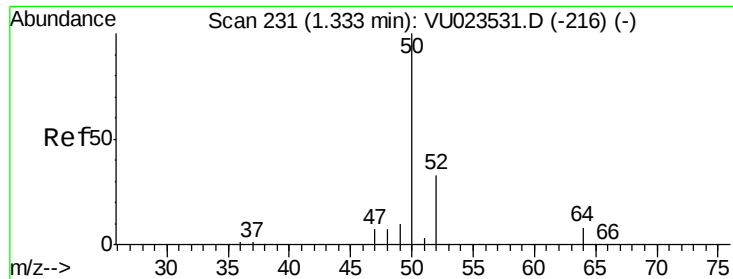
87 32.0 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.56 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.01 min

Lab File: VU023847.D

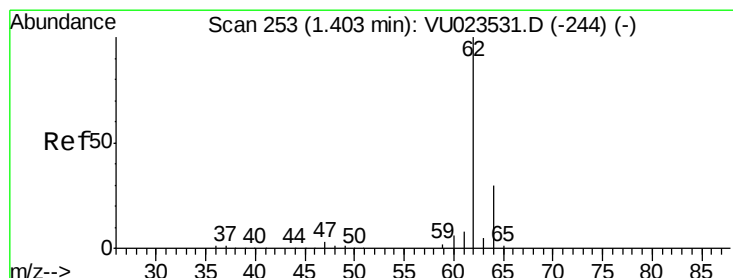
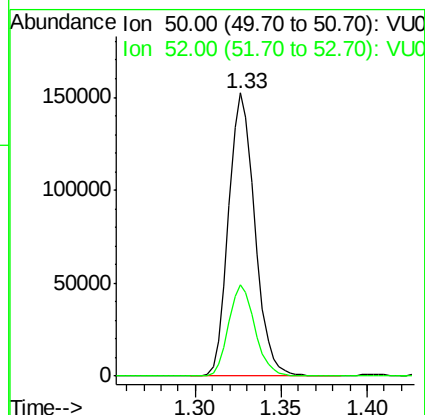
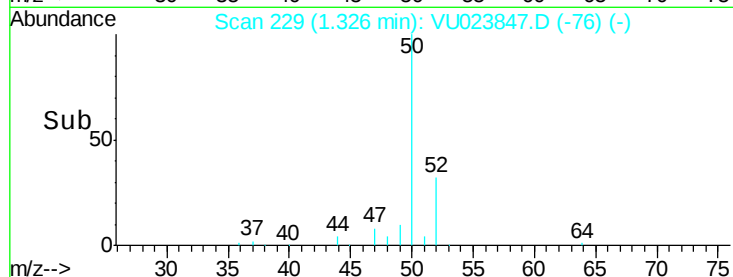
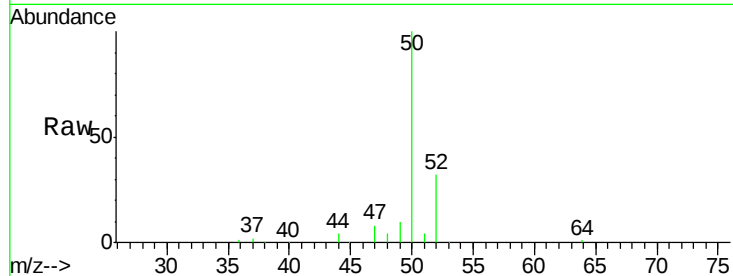
Acq: 14 May 2018 10:48

Tgt Ion: 50 Resp: 161744

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 11.01 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023847.D

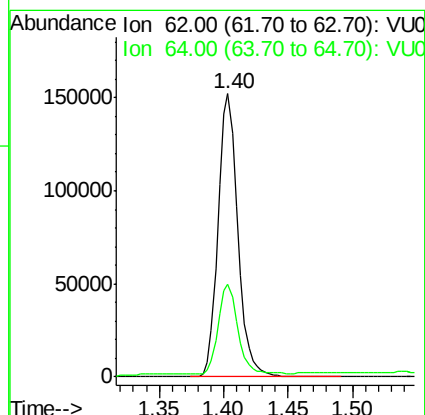
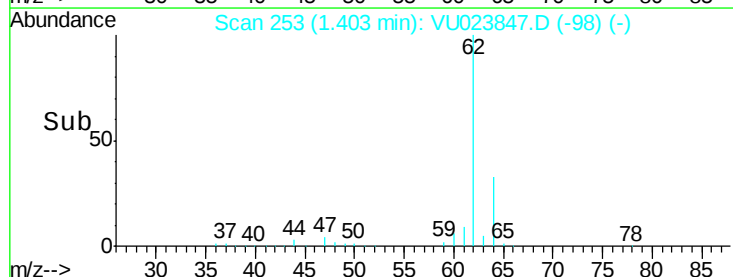
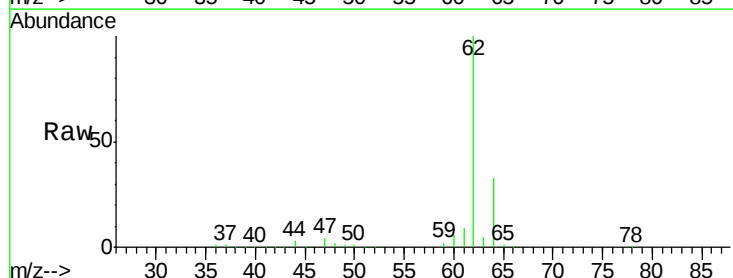
Acq: 14 May 2018 10:48

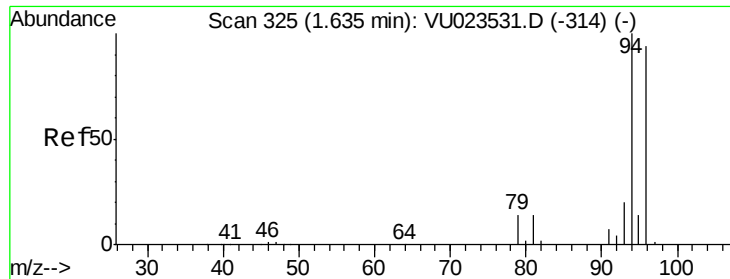
Tgt Ion: 62 Resp: 161662

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 9.27 ug/l

RT: 1.63 min Scan# 323

Delta R.T. -0.01 min

Lab File: VU023847.D

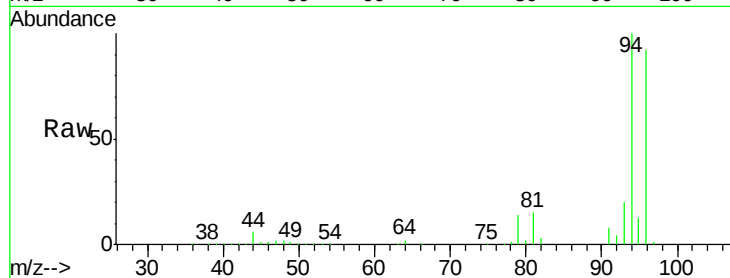
Acq: 14 May 2018 10:48

Tgt Ion: 94 Resp: 72799

Ion Ratio Lower Upper

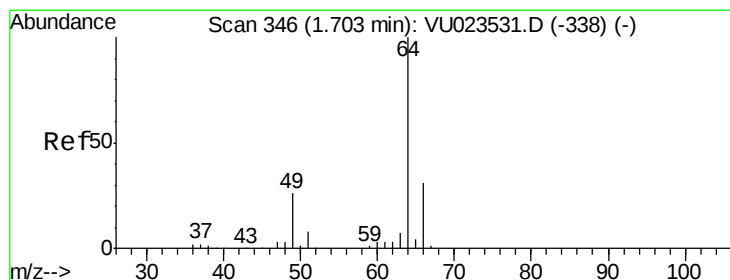
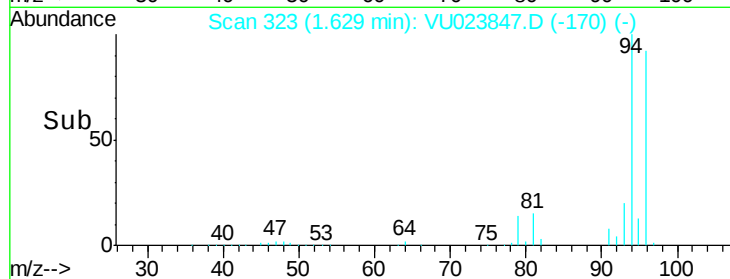
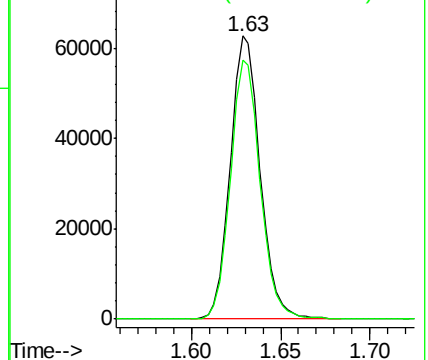
94 100

96 91.7 75.1 112.7



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 11.41 ug/l

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU023847.D

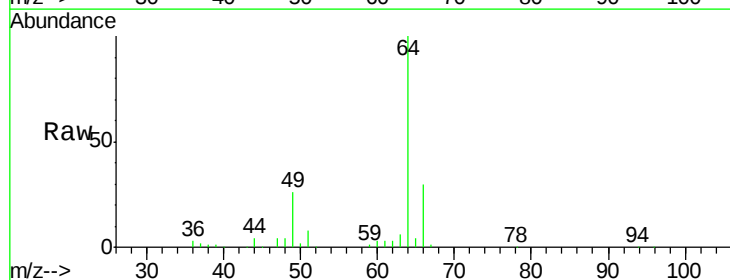
Acq: 14 May 2018 10:48

Tgt Ion: 64 Resp: 93263

Ion Ratio Lower Upper

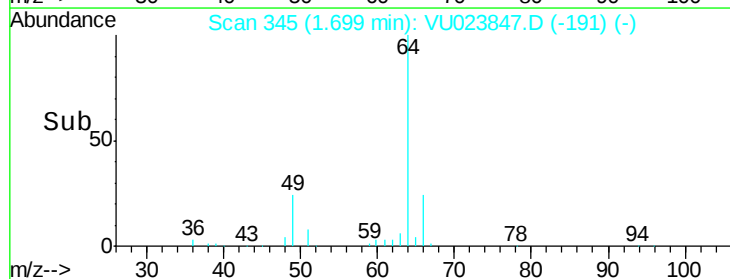
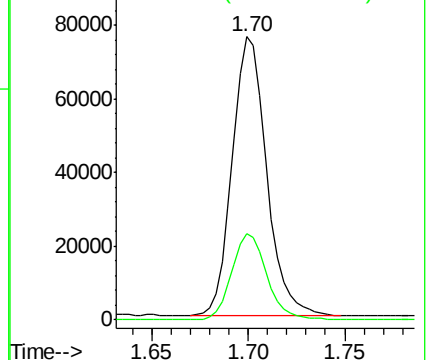
64 100

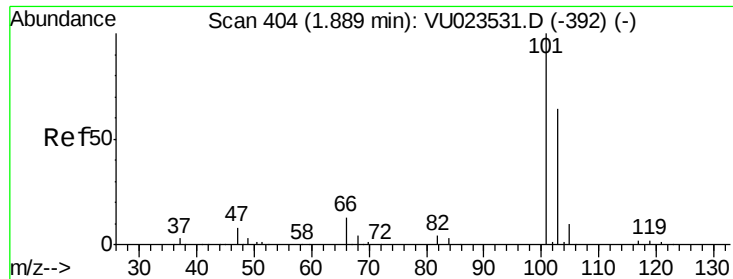
66 30.7 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane

Concen: 11.41 ug/l

RT: 1.89 min Scan# 404

Delta R.T. -0.00 min

Lab File: VU023847.D

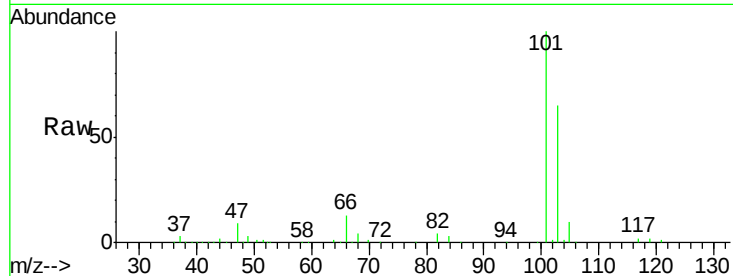
Acq: 14 May 2018 10:48

Tgt Ion:101 Resp: 192405

Ion Ratio Lower Upper

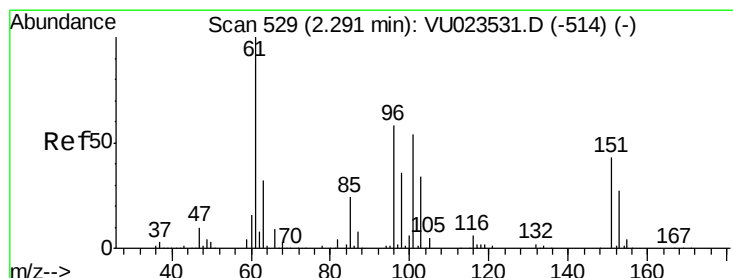
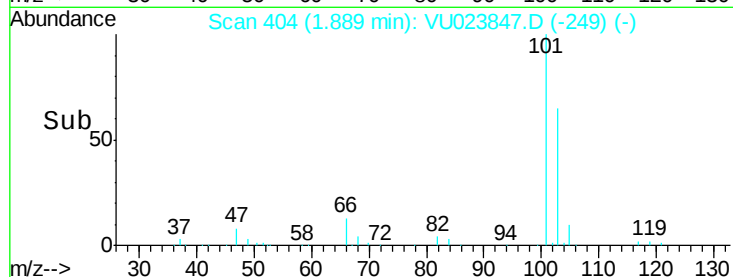
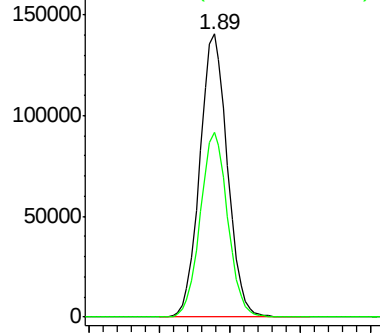
101 100

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: 11.21 ug/l

RT: 2.29 min Scan# 529

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

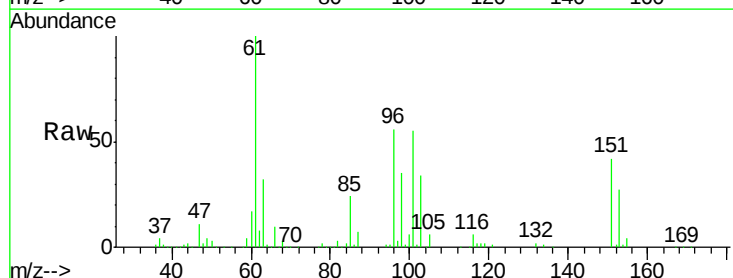
Tgt Ion:101 Resp: 116137

Ion Ratio Lower Upper

101 100

85 44.6 35.2 52.8

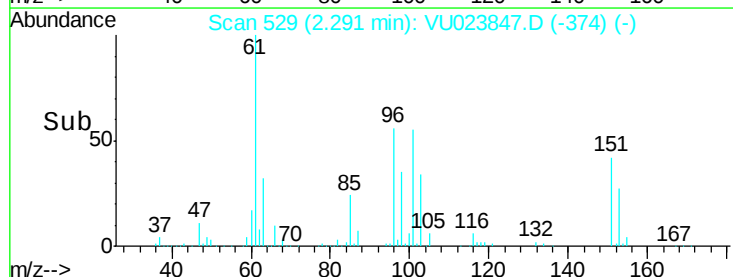
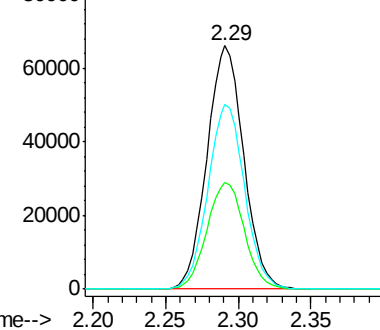
151 75.9 63.5 95.3

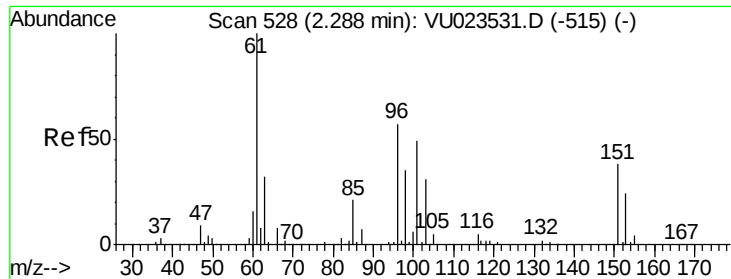


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 11.06 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

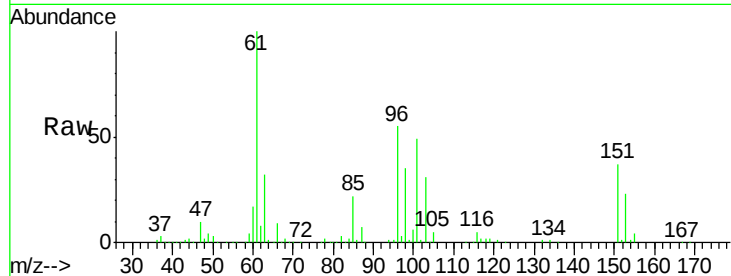
Tgt Ion: 96 Resp: 106377

Ion Ratio Lower Upper

96 100

61 182.9 0.0 526.5

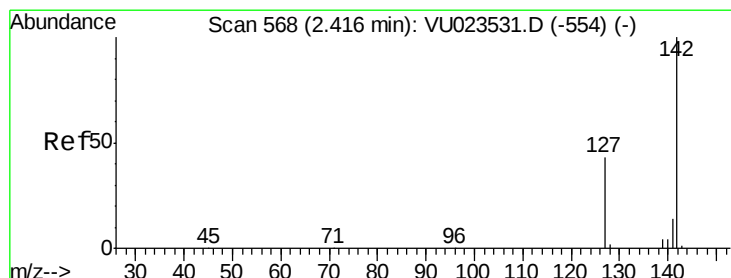
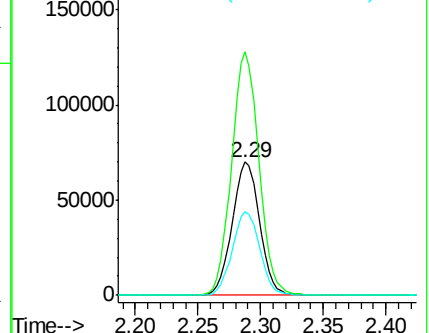
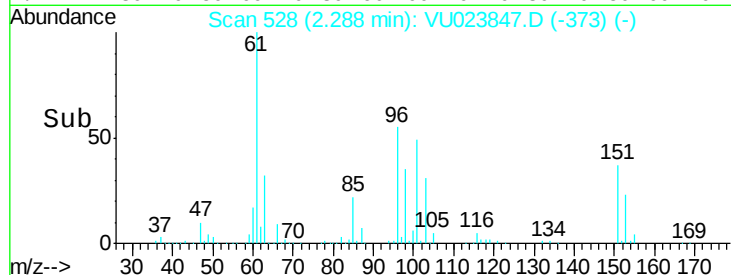
98 63.2 0.0 123.4



Abundance Ion 96.00 (95.70 to 96.70): VU023847.D (-373) (-)

Ion 61.00 (60.70 to 61.70): VU023847.D (-373) (-)

Ion 98.00 (97.70 to 98.70): VU023847.D (-373) (-)



#10

Iodomethane

Concen: 7.14 ug/l

RT: 2.41 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU023847.D

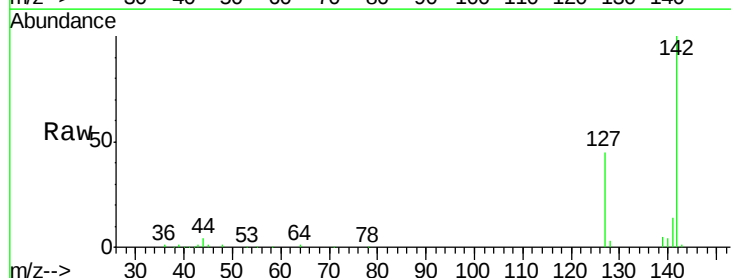
Acq: 14 May 2018 10:48

Tgt Ion: 142 Resp: 81637

Ion Ratio Lower Upper

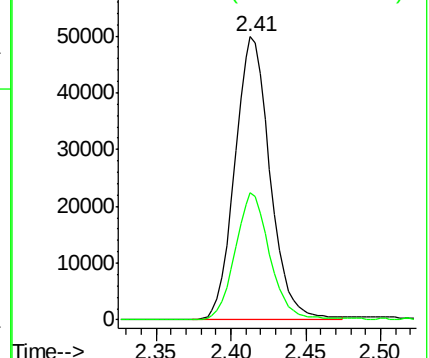
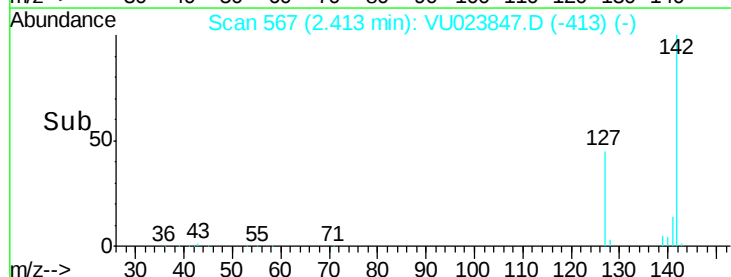
142 100

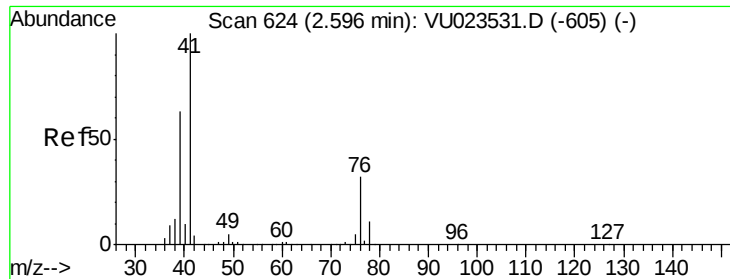
127 44.2 34.5 51.7



Abundance Ion 142.00 (141.70 to 142.70): VU023847.D (-413) (-)

Ion 127.00 (126.70 to 127.70): VU023847.D (-413) (-)





#11

Allyl Chloride

Concen: 11.37 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU023847.D

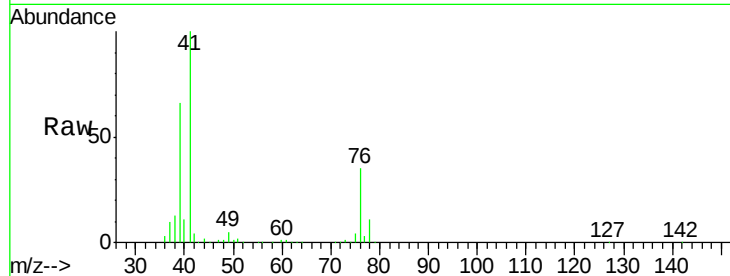
Acq: 14 May 2018 10:48

Tgt Ion: 41 Resp: 200992

Ion Ratio Lower Upper

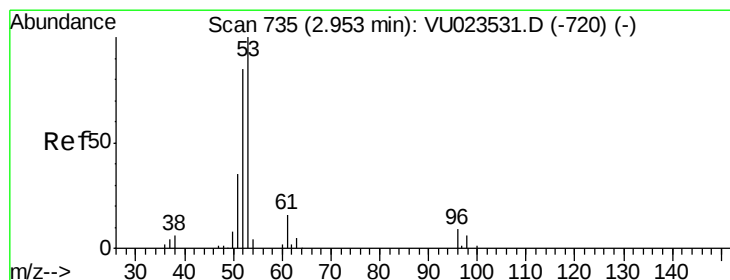
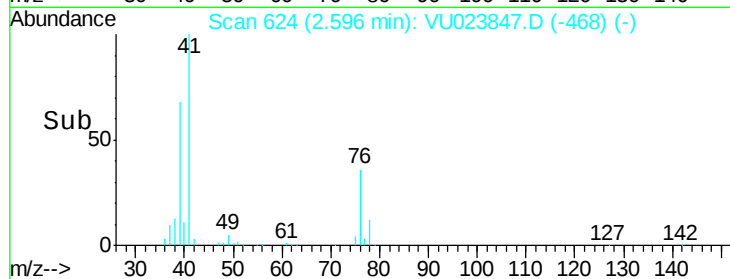
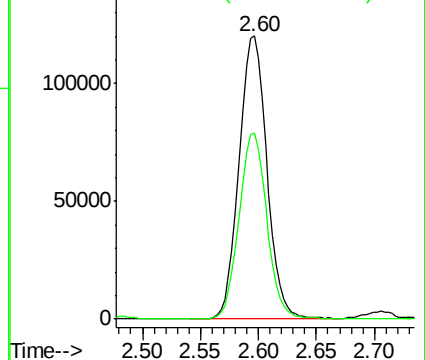
41 100

39 65.2 51.4 77.2



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 25.61 ug/l

RT: 2.94 min Scan# 732

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

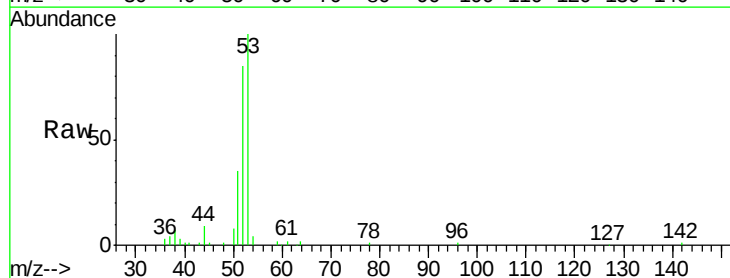
Tgt Ion: 53 Resp: 50816

Ion Ratio Lower Upper

53 100

52 86.9 65.1 97.7

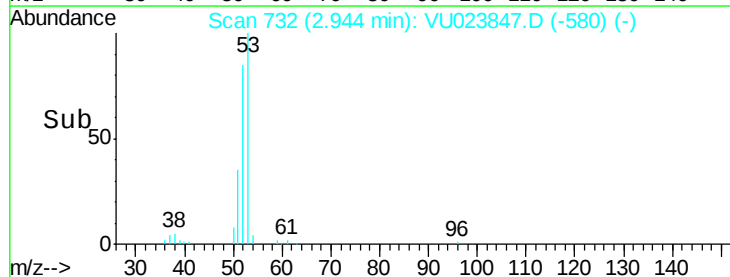
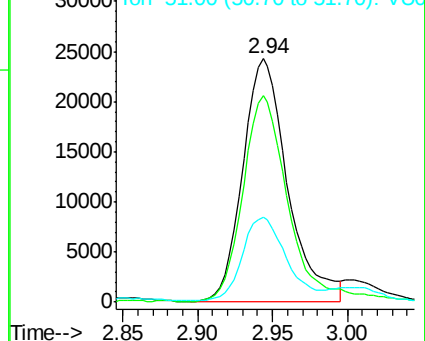
51 33.5 30.2 45.4

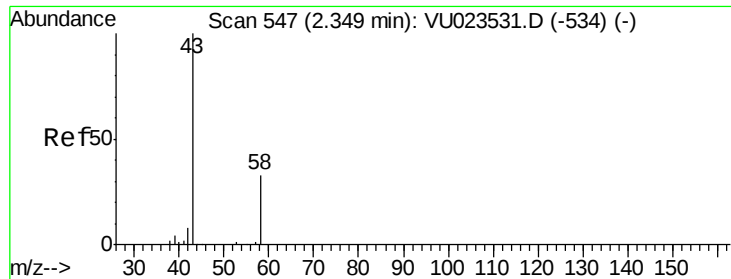


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 143.12 ug/l

RT: 2.33 min Scan# 541

Delta R.T. -0.02 min

Lab File: VU023847.D

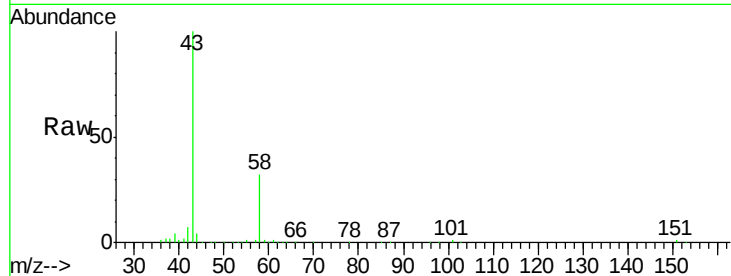
Acq: 14 May 2018 10:48

Tgt 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

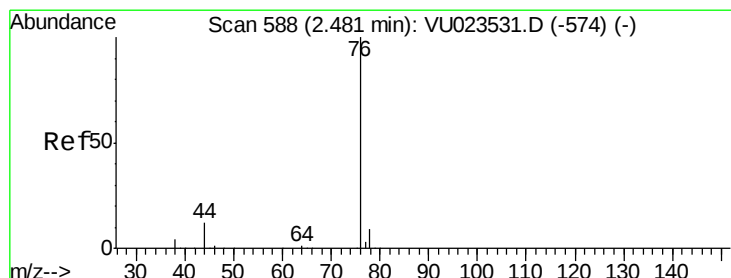
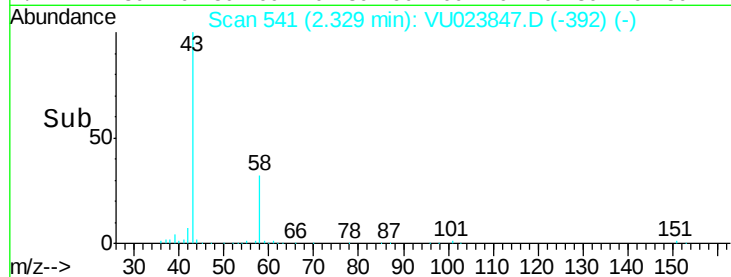
150000

100000

50000

0

Time-->



#14

Carbon Disulfide

Concen: 11.24 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU023847.D

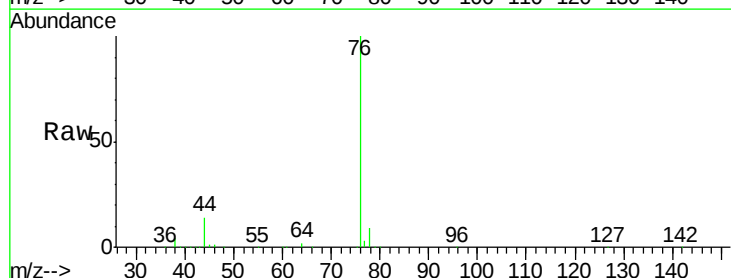
Acq: 14 May 2018 10:48

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

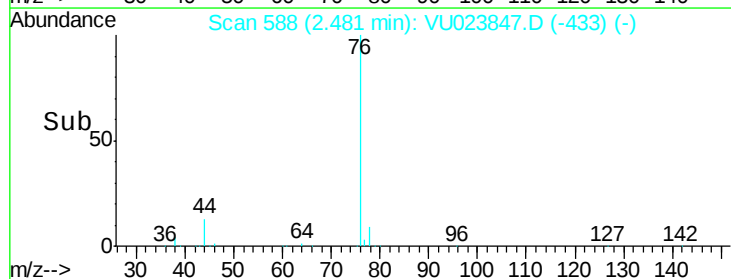
150000

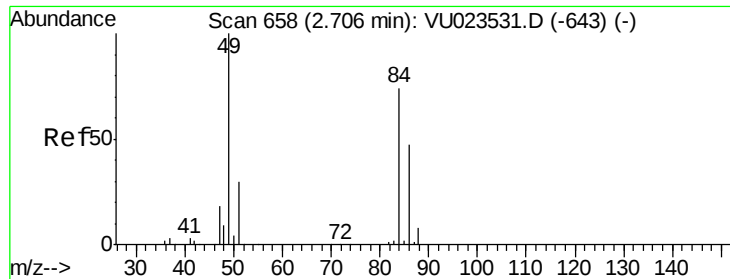
100000

50000

0

Time-->

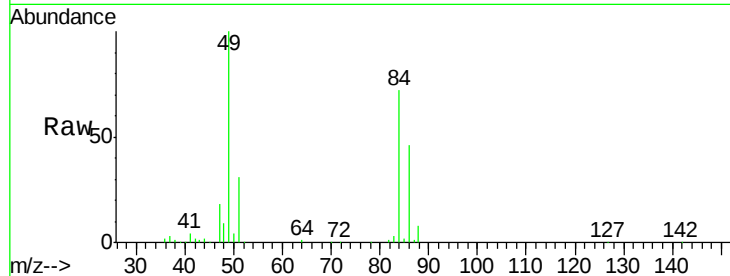




#15
Methylene Chloride
Concen: 10.49 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt 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

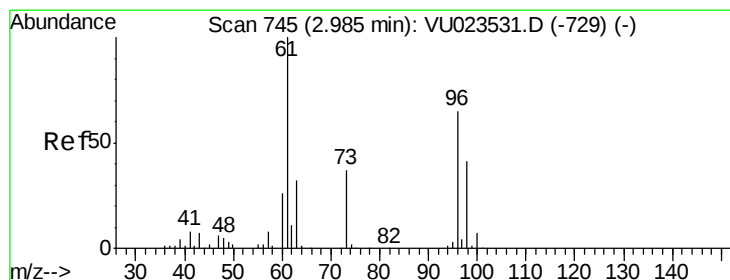
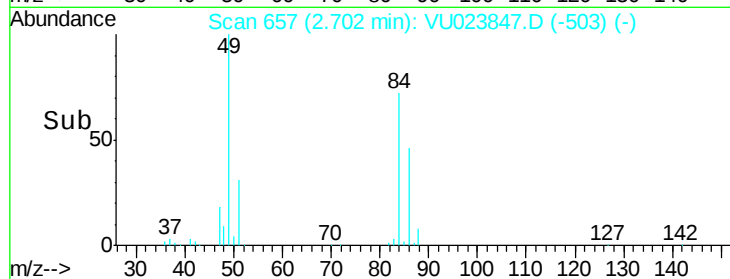
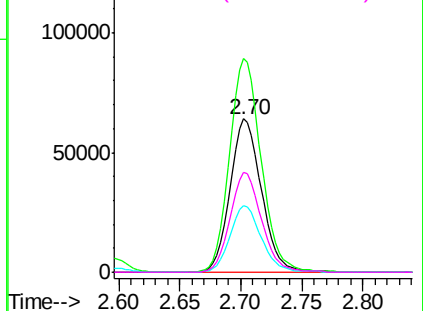


Abundance Ion 84.00 (83.70 to 84.70): VU023847.D (-503) (-)

Ion 49.00 (48.70 to 49.70): VU023847.D (-503) (-)

Ion 51.00 (50.70 to 51.70): VU023847.D (-503) (-)

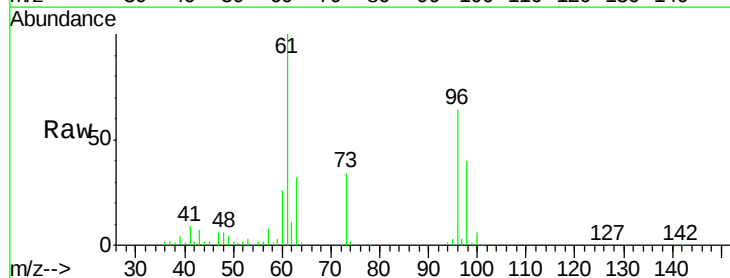
Ion 86.00 (85.70 to 86.70): VU023847.D (-503) (-)



#16
trans-1,2-Dichloroethene
Concen: 10.87 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

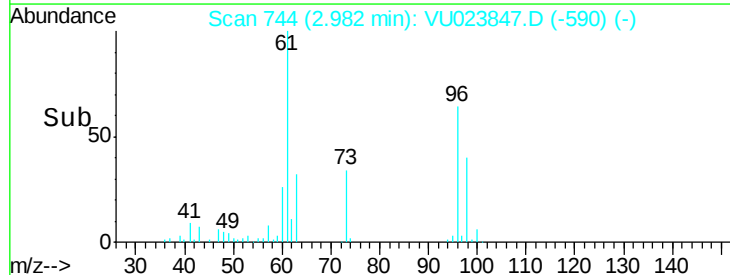
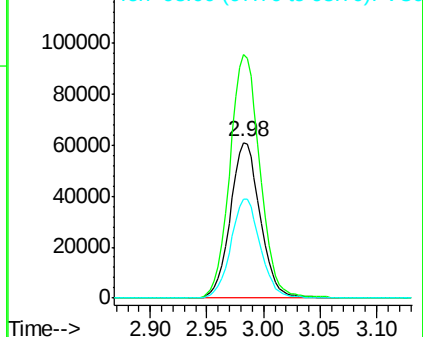
Ion	Ratio	Lower	Upper
96	100		
61	156.6	123.9	185.9
98	63.4	50.6	76.0

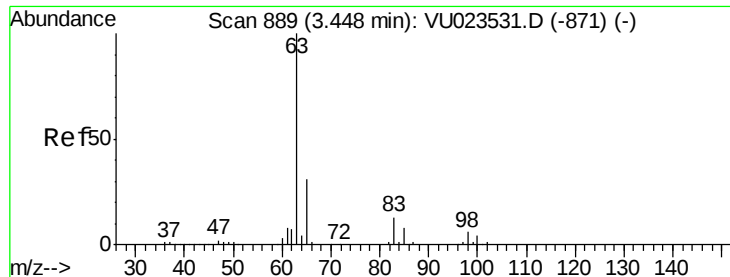


Abundance Ion 96.00 (95.70 to 96.70): VU023847.D (-590) (-)

Ion 61.00 (60.70 to 61.70): VU023847.D (-590) (-)

Ion 98.00 (97.70 to 98.70): VU023847.D (-590) (-)





#17

1,1-Dichloroethane

Concen: 10.58 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

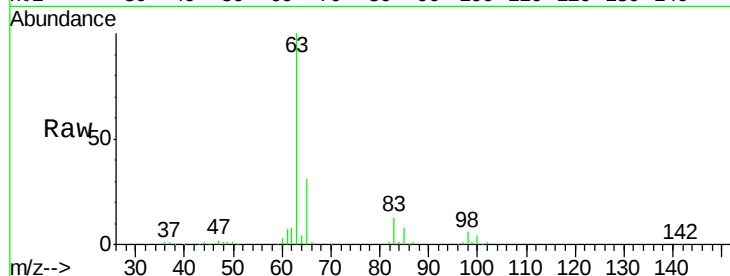
Tgt Ion: 63 Resp: 214703

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

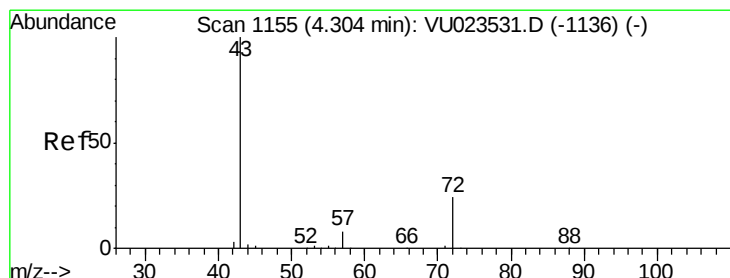
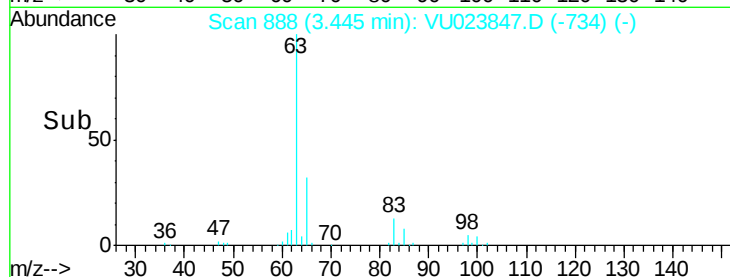
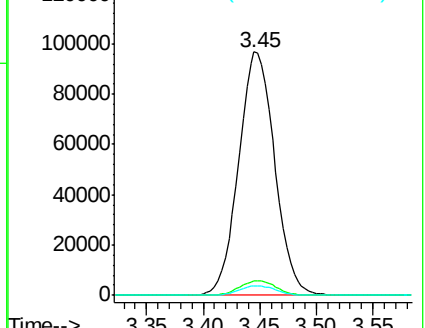
100 4.1 2.0 5.8



Abundance Ion 63.00 (62.70 to 63.70): VU023531.D (-871) (-)

Ion 98.00 (97.70 to 98.70): VU023531.D (-871) (-)

Ion 100.00 (99.70 to 100.70): VU023531.D (-871) (-)



#18

2-Butanone

Concen: 87.26 ug/l

RT: 4.28 min Scan# 1148

Delta R.T. -0.02 min

Lab File: VU023847.D

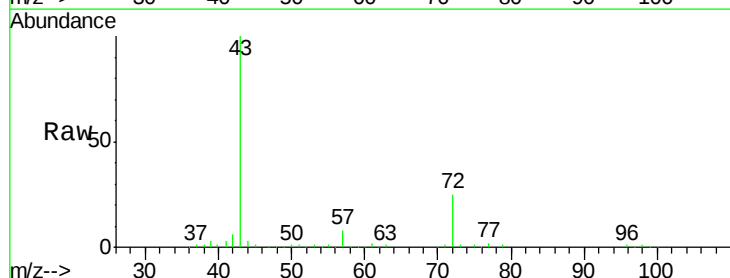
Acq: 14 May 2018 10:48

Tgt Ion: 43 Resp: 237490

Ion Ratio Lower Upper

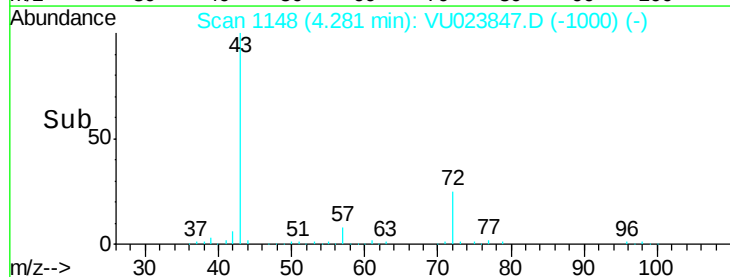
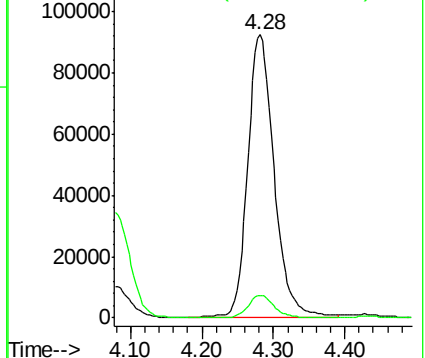
43 100

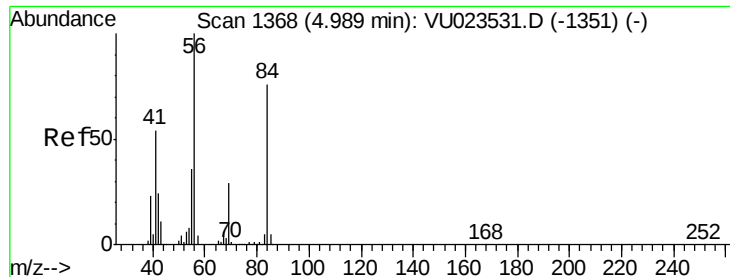
57 8.1 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU023531.D (-1136) (-)

Ion 57.00 (56.70 to 57.70): VU023531.D (-1136) (-)





#19

Cyclohexane

Concen: 9.50 ug/l

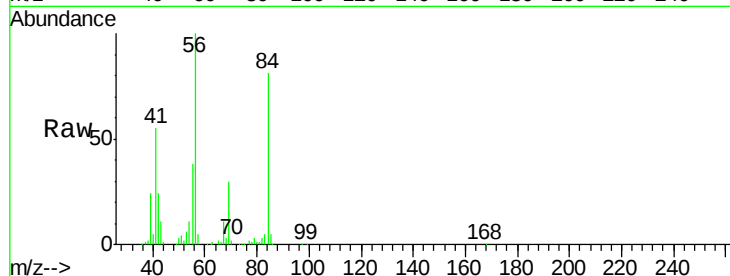
RT: 4.99 min Scan# 1370

Delta R.T. 0.01 min

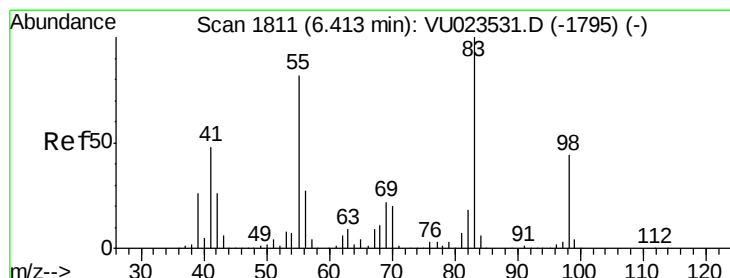
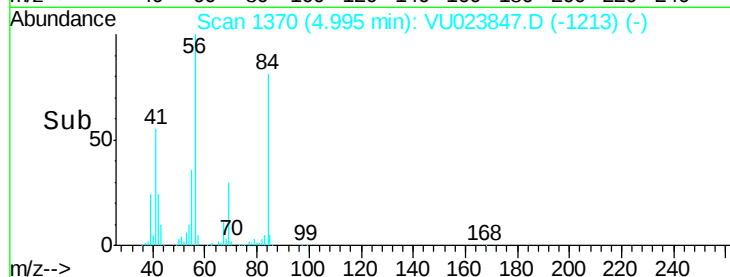
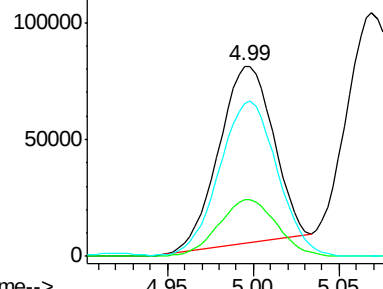
Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt 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: 10.26 ug/l

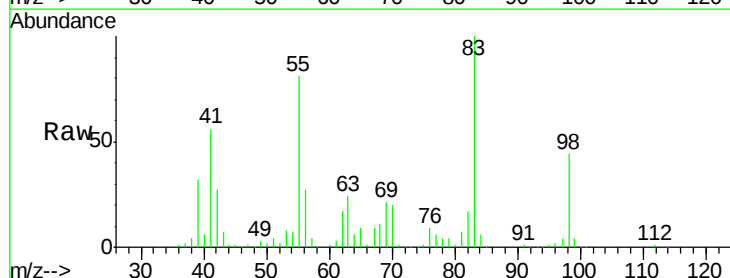
RT: 6.42 min Scan# 1813

Delta R.T. 0.01 min

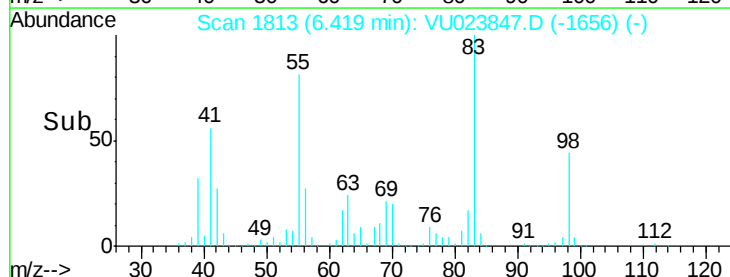
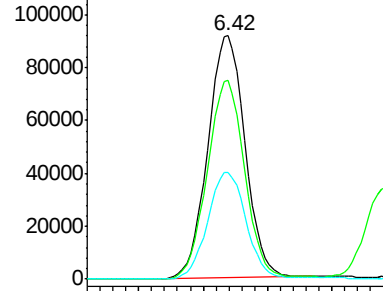
Lab File: VU023847.D

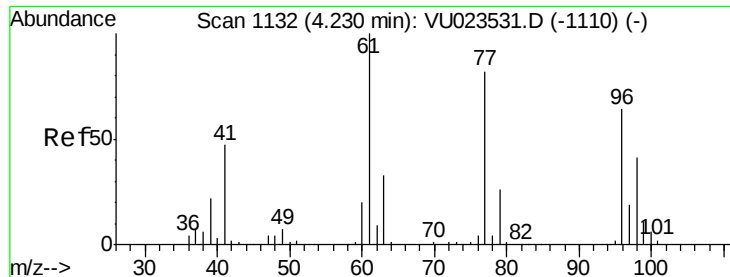
Acq: 14 May 2018 10:48

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



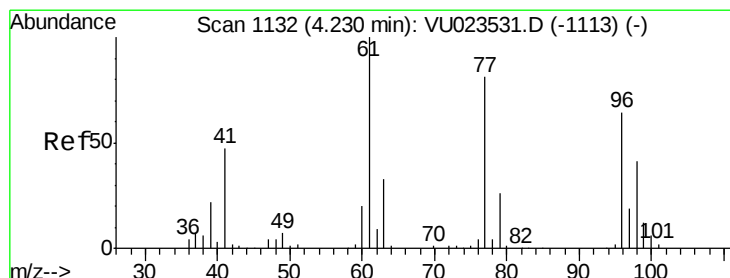
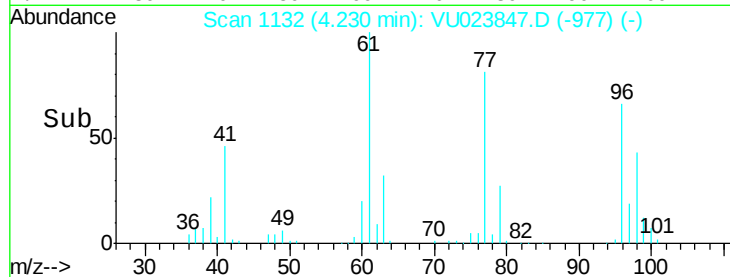
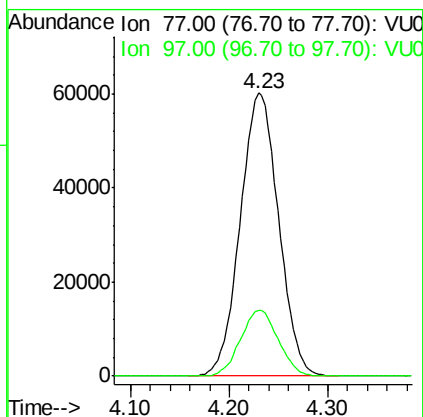
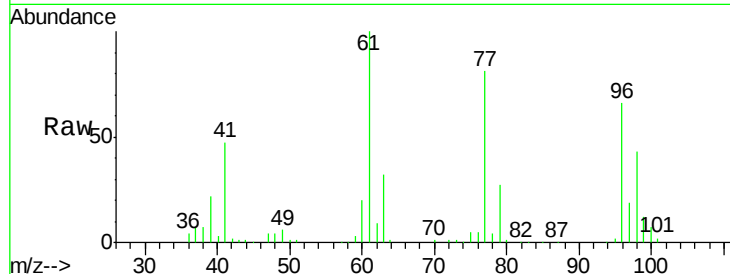
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





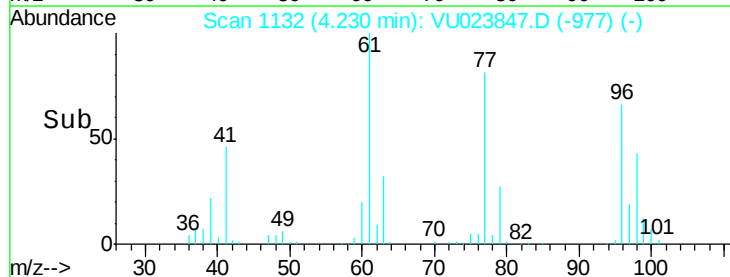
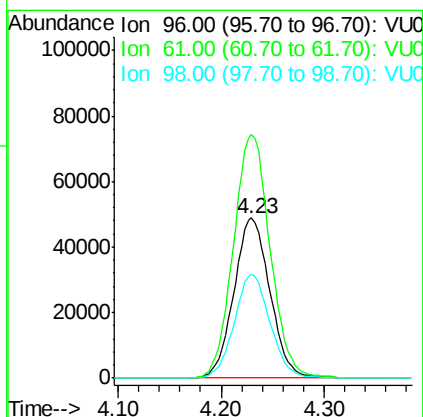
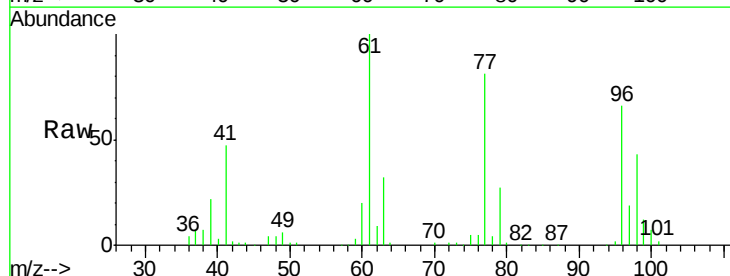
#21
 2,2-Dichloropropane
 Concen: 10.06 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

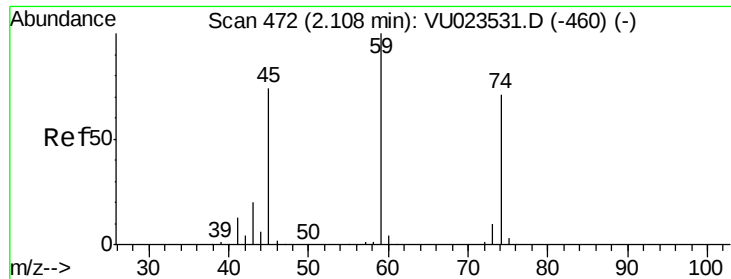
Tgt Ion: 77 Resp: 161841
 Ion Ratio Lower Upper
 77 100
 97 23.0 17.9 26.9



#22
 cis-1,2-Dichloroethene
 Concen: 10.65 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





#23

Diethyl Ether

Concen: 11.37 ug/l

RT: 2.11 min Scan# 472

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

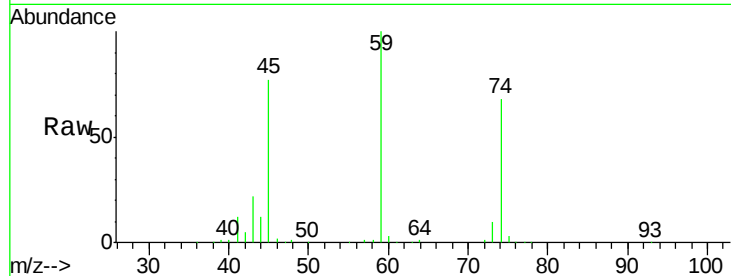
Tgt Ion: 59 Resp: 89382

Ion Ratio Lower Upper

59 100

45 77.8 60.0 90.0

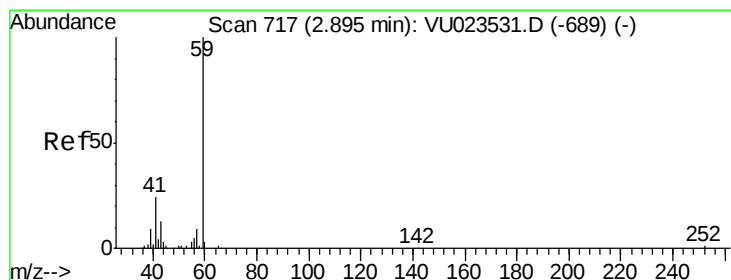
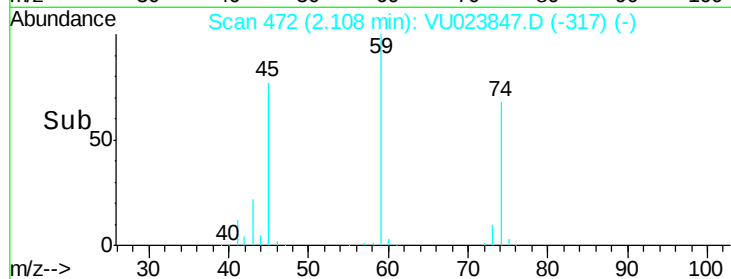
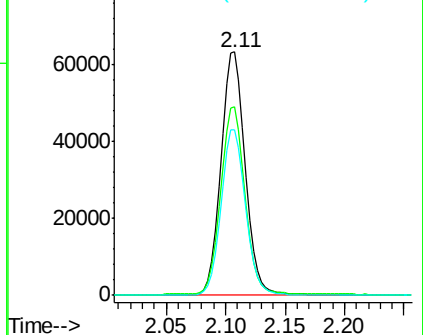
74 68.7 56.5 84.7



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: 147.07 ug/l

RT: 2.85 min Scan# 704

Delta R.T. -0.04 min

Lab File: VU023847.D

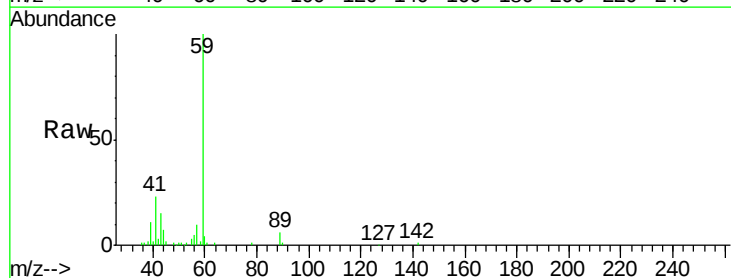
Acq: 14 May 2018 10:48

Tgt Ion: 59 Resp: 87185

Ion Ratio Lower Upper

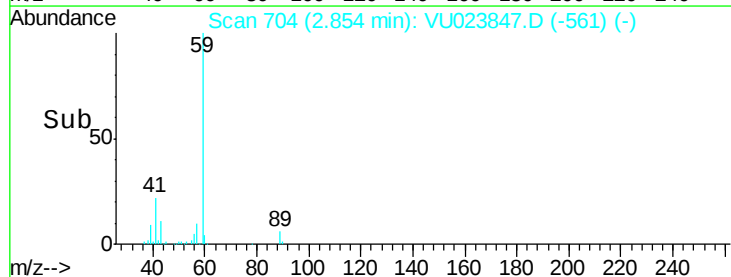
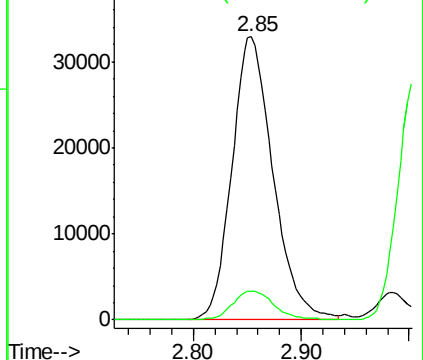
59 100

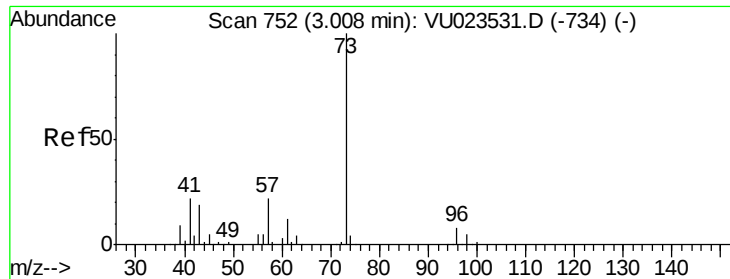
57 10.5 3.4 5.2#



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: 11.13 ug/l

RT: 3.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU023847.D

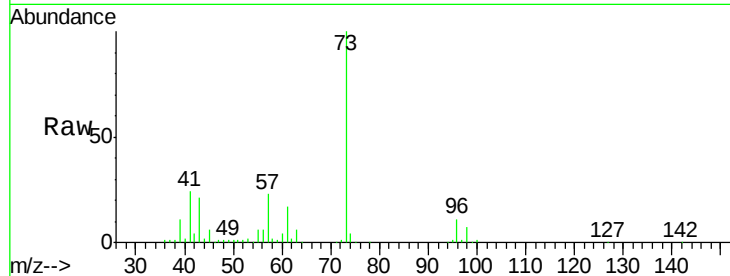
Acq: 14 May 2018 10:48

Tgt 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

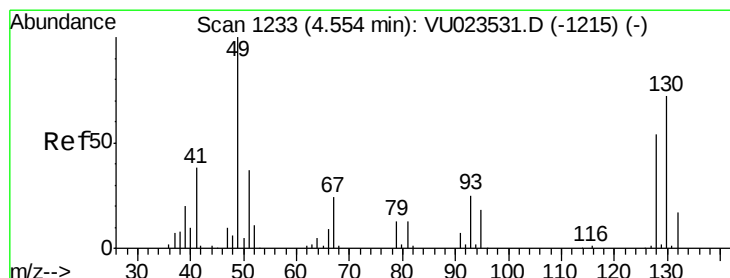
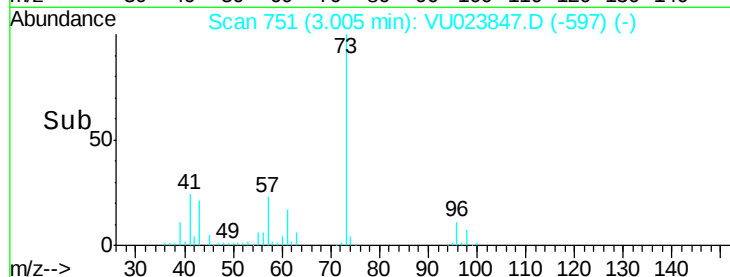
3.00

100000

50000

0

Time-->



#26

Bromochloromethane

Concen: 11.54 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

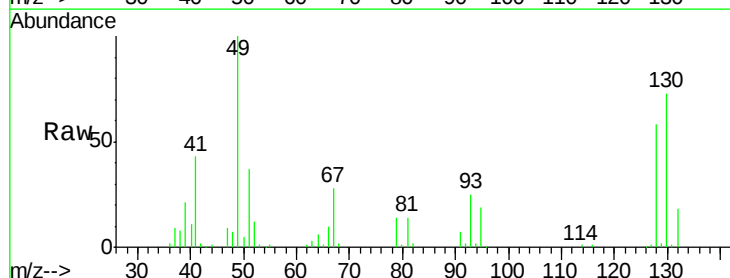
Tgt Ion: 128 Resp: 50841

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

4.55

50000

40000

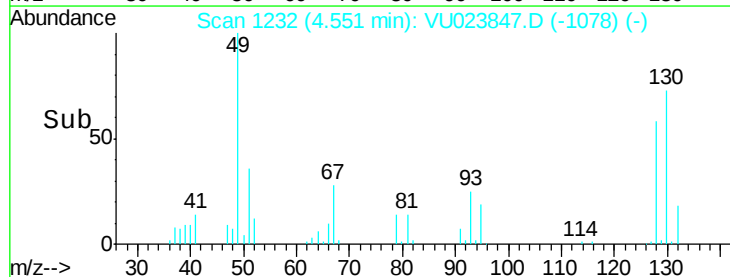
30000

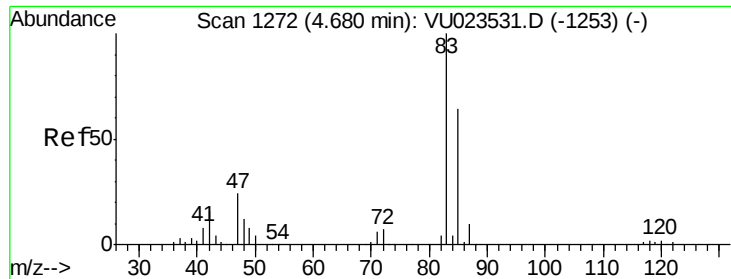
20000

10000

0

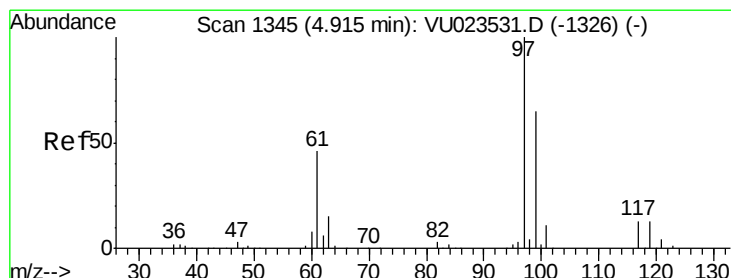
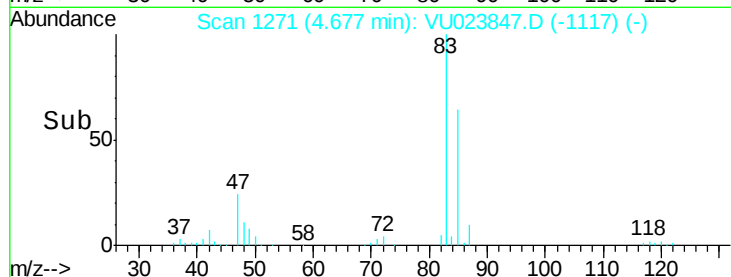
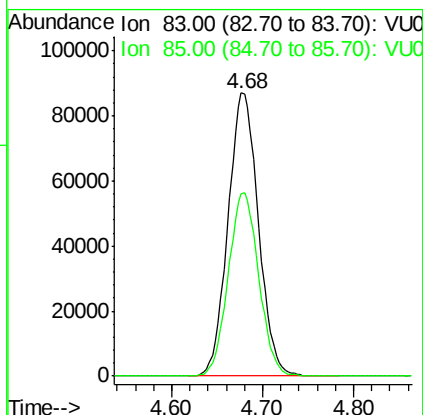
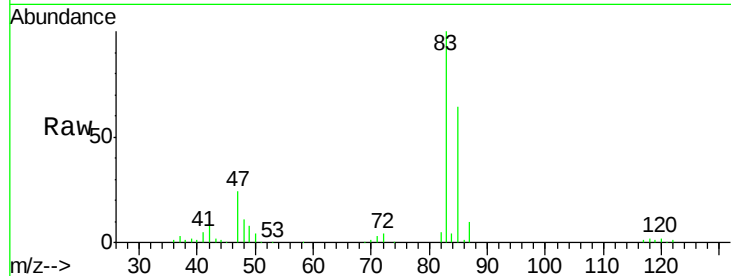
Time-->





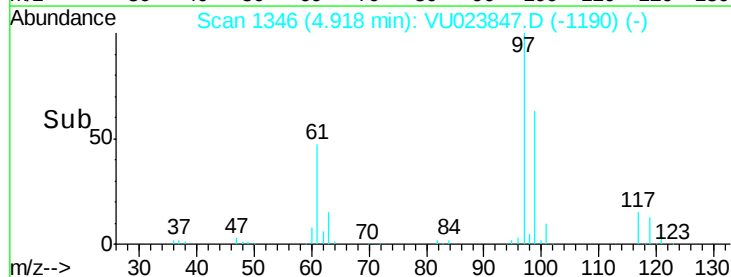
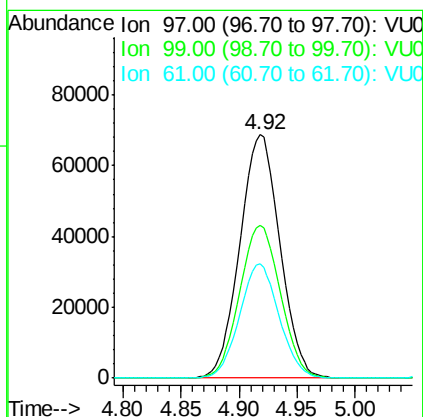
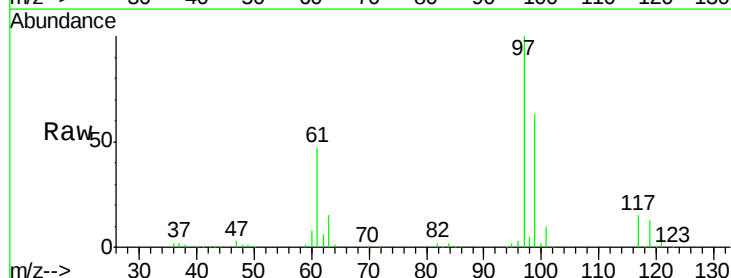
#27
Chloroform
Concen: 10.58 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

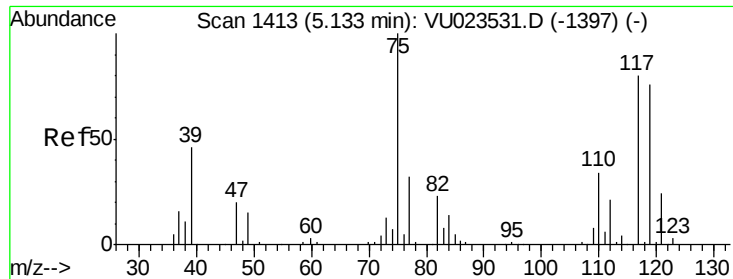
Tgt Ion: 83 Resp: 202177
Ion Ratio Lower Upper
83 100
85 64.5 0.0 128.4



#28
1,1,1-Trichloroethane
Concen: 10.58 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





#29

1,1-Dichloropropene

Concen: 10.50 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

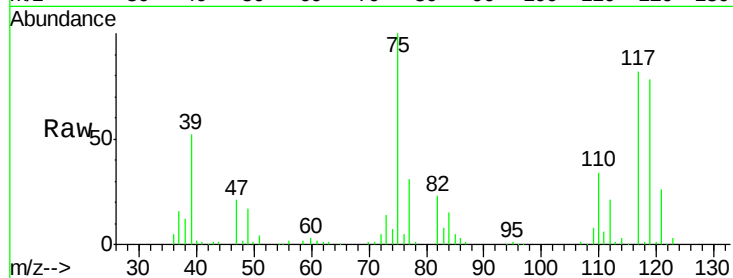
Tgt Ion: 75 Resp: 161530

Ion Ratio Lower Upper

75 100

110 34.7 16.9 50.7

77 30.8 24.8 37.2

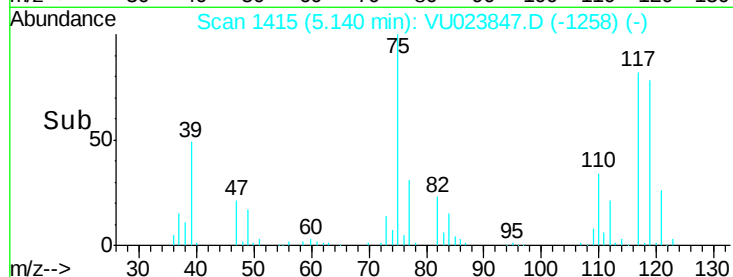


Abundance Ion 75.00 (74.70 to 75.70): VU023531.D (-1397) (-)

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

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

Time-->



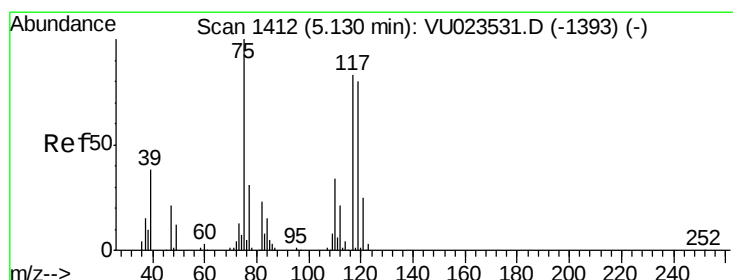
Abundance

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: 10.98 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

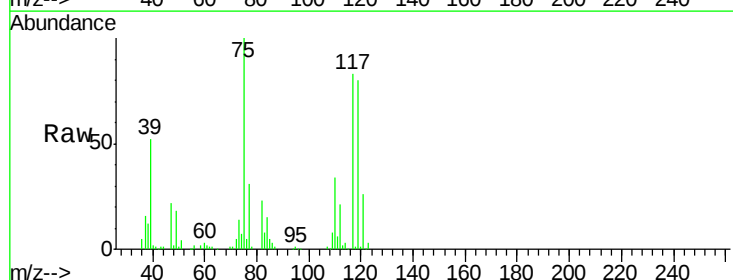
Tgt Ion: 117 Resp: 144822

Ion Ratio Lower Upper

117 100

119 96.6 77.3 115.9

121 31.2 24.5 36.7

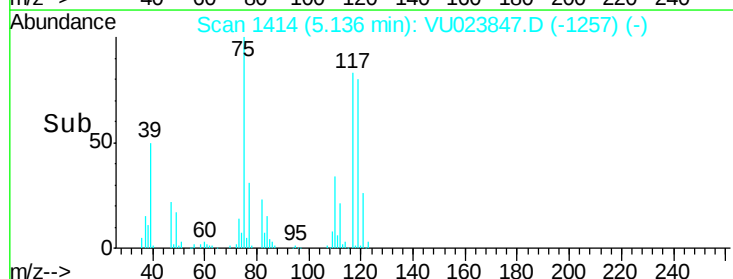


Abundance Ion 117.00 (116.70 to 117.70): VU023531.D (-1393) (-)

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

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

Time-->



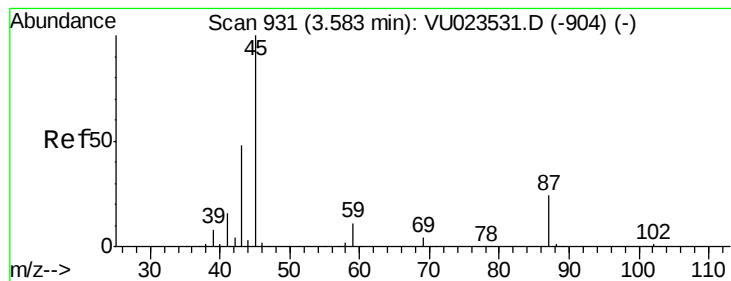
Abundance

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: 9.64 ug/l

RT: 3.58 min Scan# 930

Delta R.T. -0.00 min

Lab File: VU023847.D

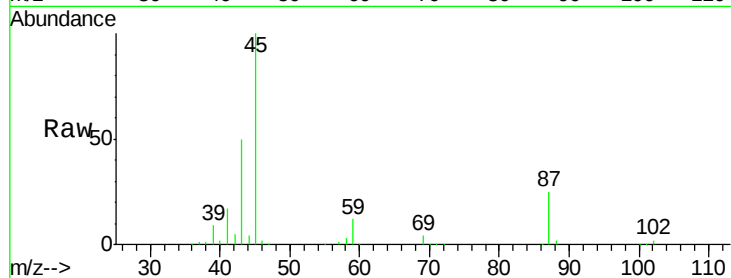
Acq: 14 May 2018 10:48

Tgt 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): VU0

Ion 43.00 (42.70 to 43.70): VU0

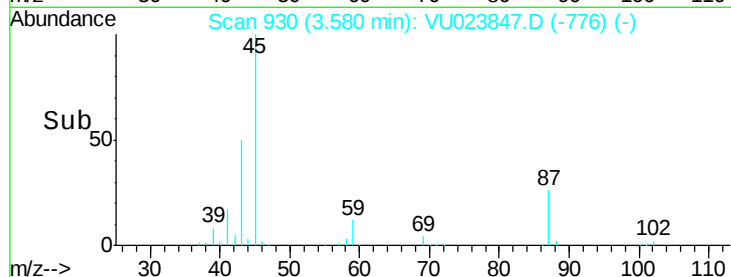
150000

100000

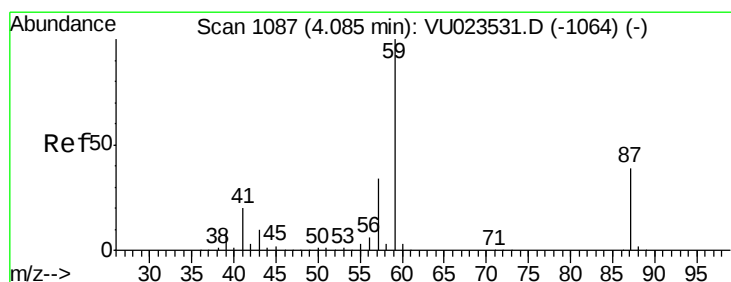
50000

0

Time-->



Time-->



#32

Ethyl-t-butyl ether

Concen: 9.55 ug/l

RT: 4.08 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VU023847.D

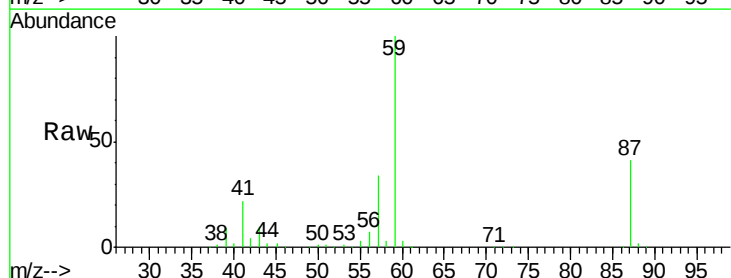
Acq: 14 May 2018 10:48

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): VU0

Ion 87.00 (86.70 to 87.70): VU0

100000

80000

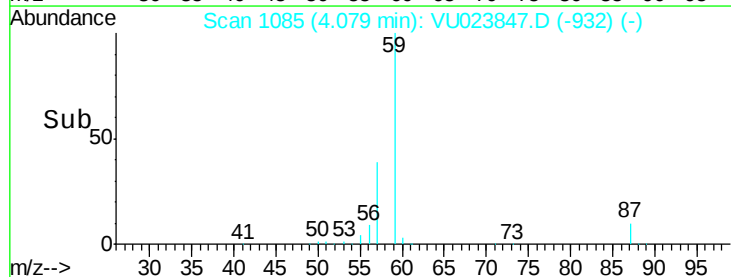
60000

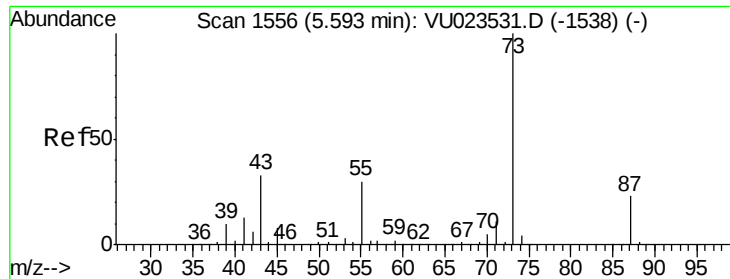
40000

20000

0

Time-->





#33

Tert-Amyl methyl ether

Concen: 9.66 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

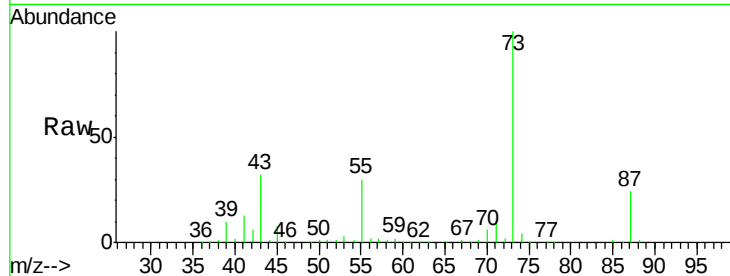
Tgt Ion: 73 Resp: 239430

Ion Ratio Lower Upper

73 100

87 23.9 18.6 28.0

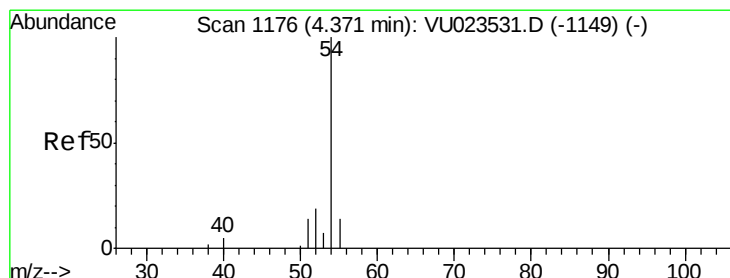
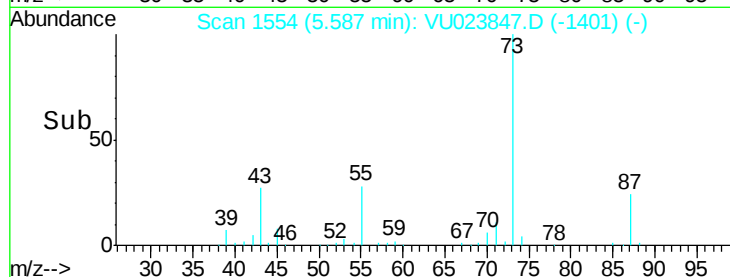
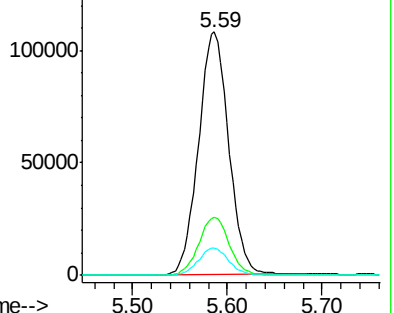
71 11.4 9.3 13.9



Abundance Ion 73.00 (72.70 to 73.70): VU023531.D (-1538) (-)

Ion 87.00 (86.70 to 87.70): VU023531.D (-1538) (-)

Ion 71.00 (70.70 to 71.70): VU023531.D (-1538) (-)



#34

Propionitrile

Concen: 56.95 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: 54 Resp: 44130

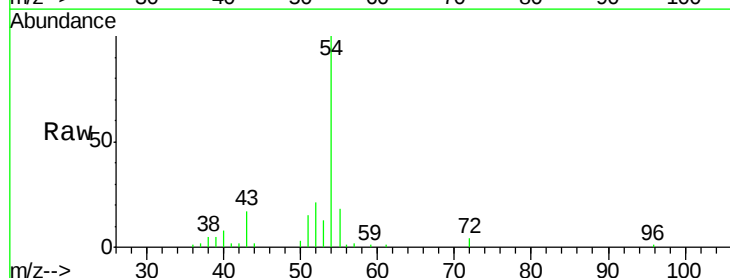
Ion Ratio Lower Upper

54 100

52 19.8 13.7 20.5

55 14.5 10.2 15.2

40 6.4 3.5 5.3#

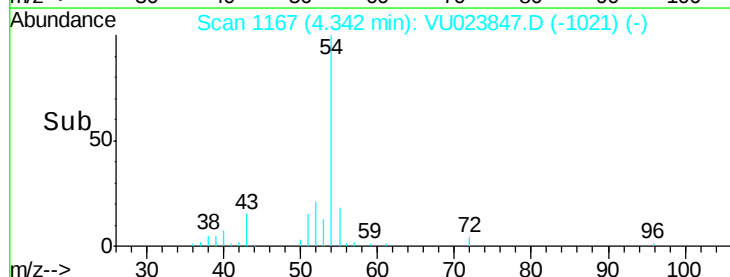
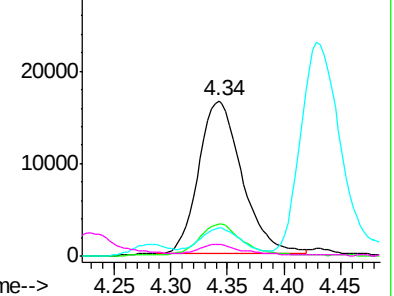


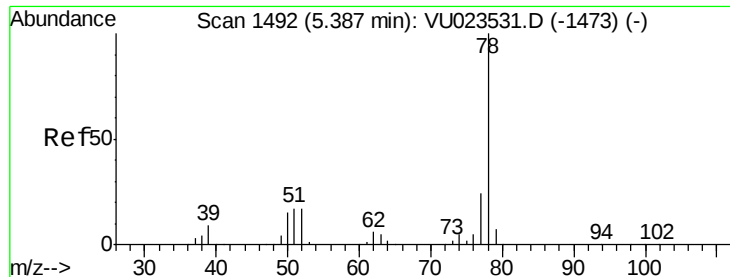
Abundance Ion 54.00 (53.70 to 54.70): VU023531.D (-1149) (-)

Ion 52.00 (51.70 to 52.70): VU023531.D (-1149) (-)

Ion 55.00 (54.70 to 55.70): VU023531.D (-1149) (-)

Ion 40.00 (39.70 to 40.70): VU023531.D (-1149) (-)





#35

Benzene

Concen: 9.94 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VU023847.D

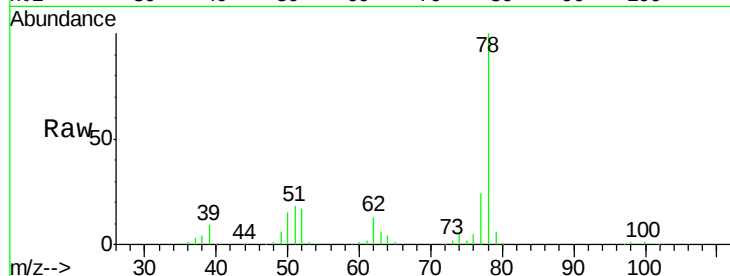
Acq: 14 May 2018 10:48

Tgt Ion: 78 Resp: 454304

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7



Abundance Ion 78.10 (77.80 to 78.80): VU023531.D (-1473) (-)

Ion 77.00 (76.70 to 77.70): VU023531.D (-1473) (-)

5.39

250000

200000

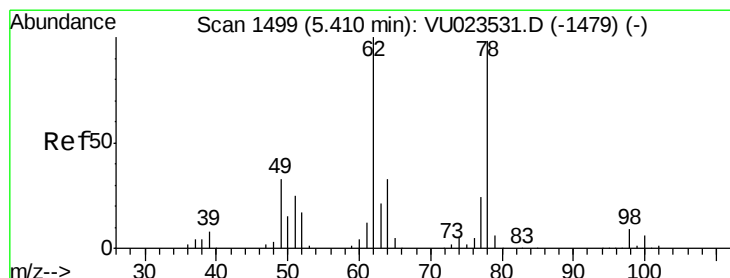
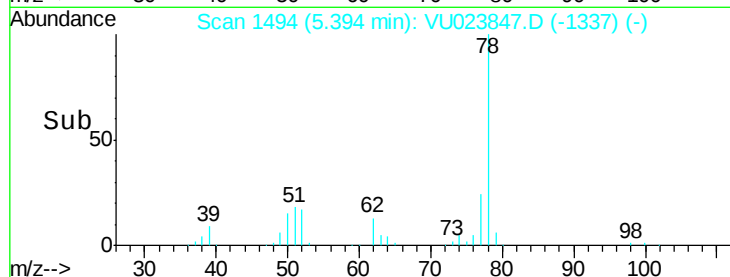
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.59 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU023847.D

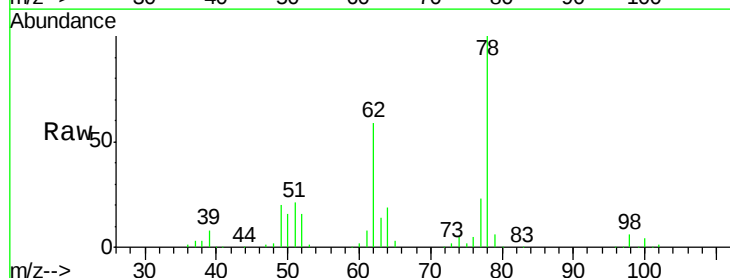
Acq: 14 May 2018 10:48

Tgt Ion: 62 Resp: 123947

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU023531.D (-1479) (-)

Ion 98.00 (97.70 to 98.70): VU023531.D (-1479) (-)

5.41

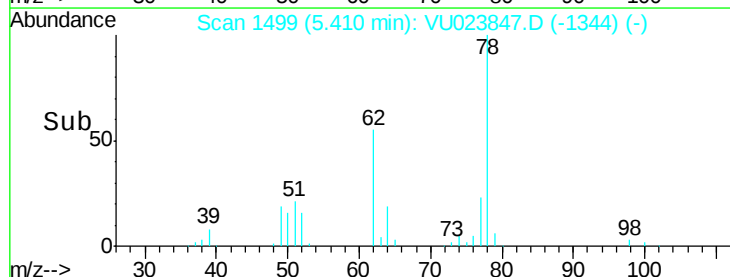
60000

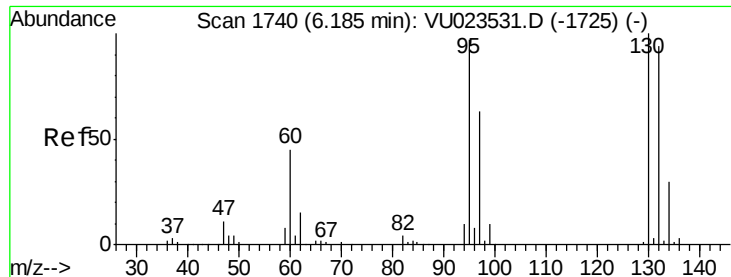
40000

20000

0

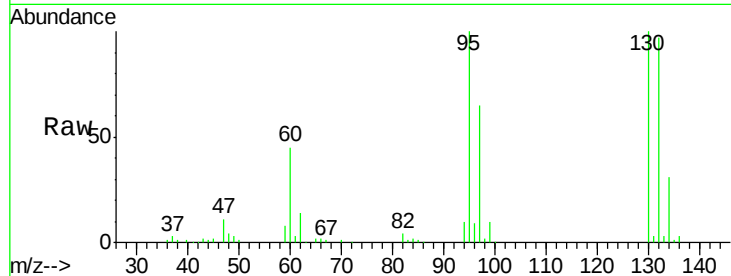
Time-->



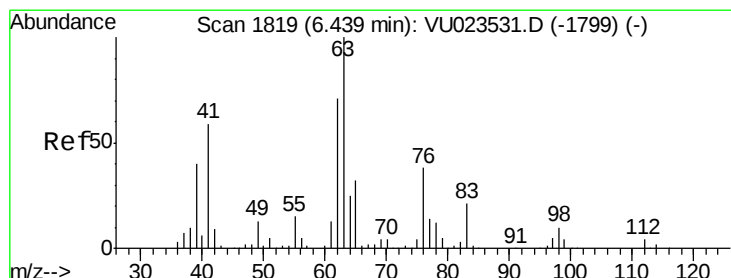
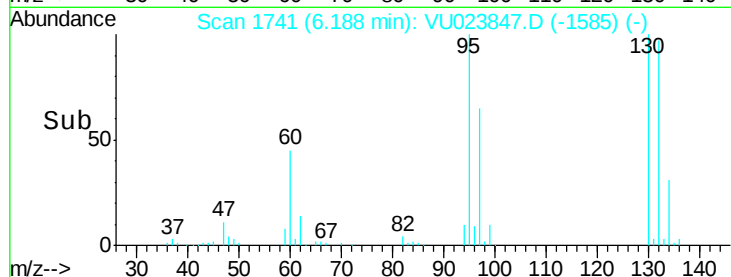
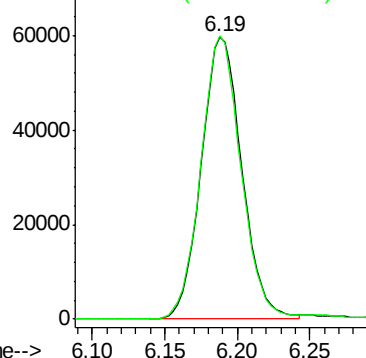


#37
 Trichloroethene
 Concen: 9.45 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion: 130 Resp: 115925
 Ion Ratio Lower Upper
 130 100
 95 100.3 77.9 116.9

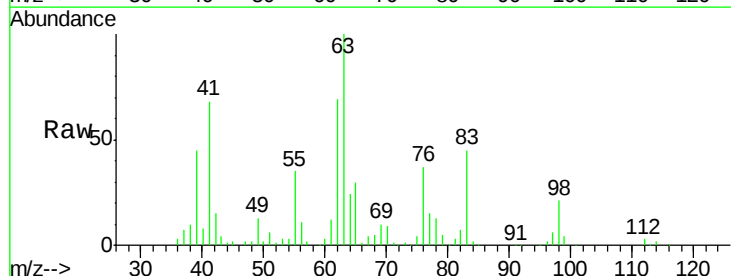


Abundance Ion 129.90 (129.60 to 130.60): VU023531.D (-1725) (-)
 Ion 94.90 (94.60 to 95.60): VU023531.D (-1725) (-)

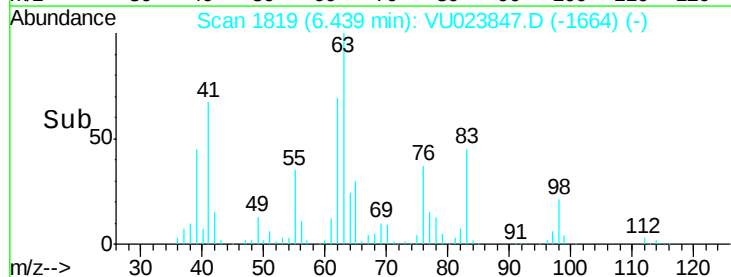
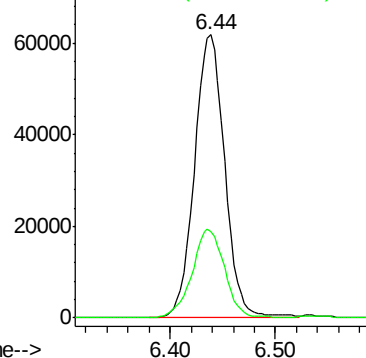


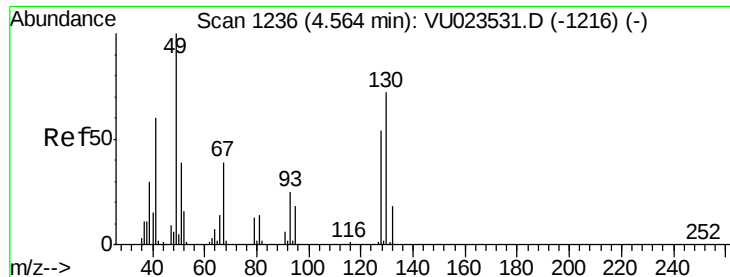
#38
 1,2-Dichloropropane
 Concen: 9.80 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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) (-)





#39

Methacrylonitrile

Concen: 9.88 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 41 Resp: 39163

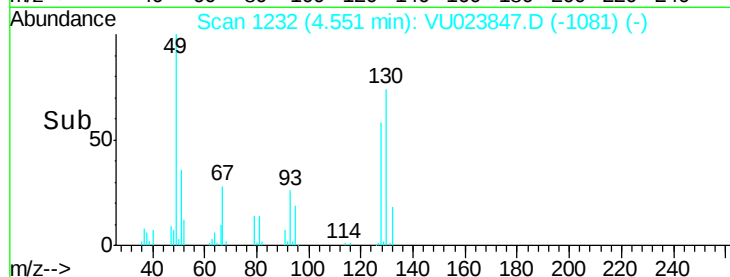
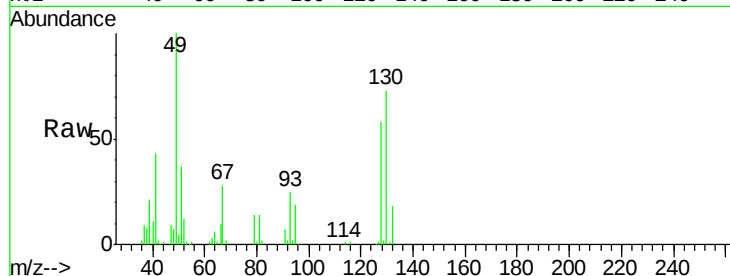
Ion Ratio Lower Upper

41 100

67 70.3 51.3 76.9

39 52.7 40.6 60.8

52 28.8 21.5 32.3

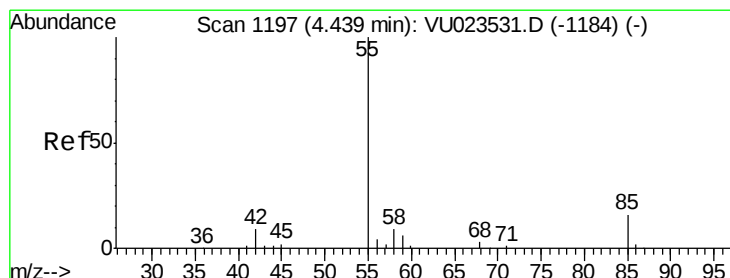
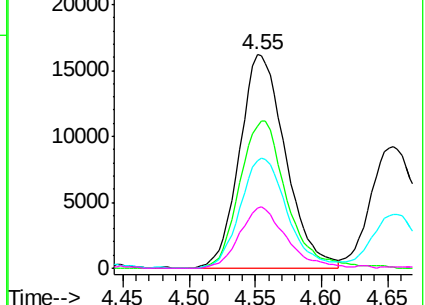


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 9.85 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

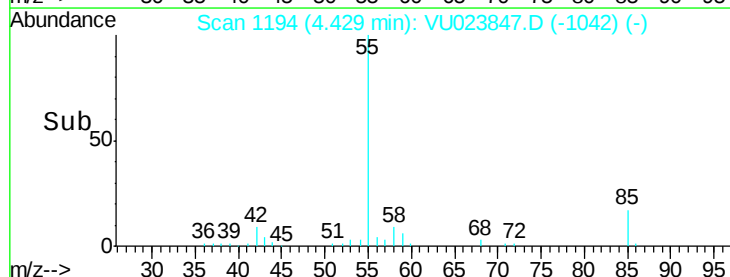
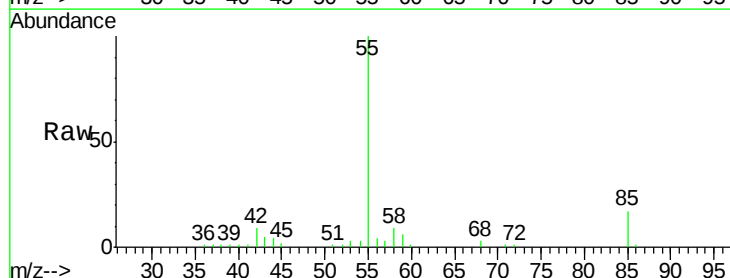
Ion Ratio Lower Upper

55 100

85 17.3 12.3 18.5

58 9.1 7.0 10.6

42 9.7 7.0 10.4

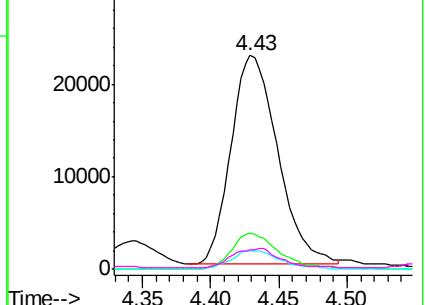


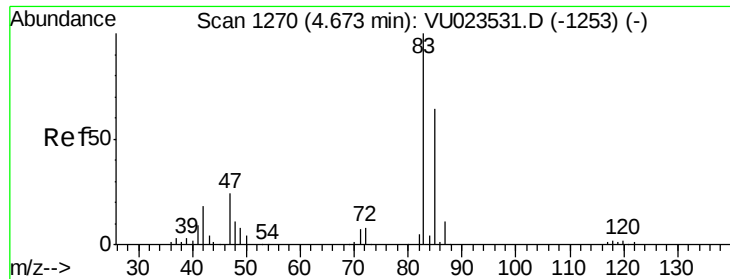
Abundance Ion 55.00 (54.70 to 55.70): VU0

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: 20.08 ug/l

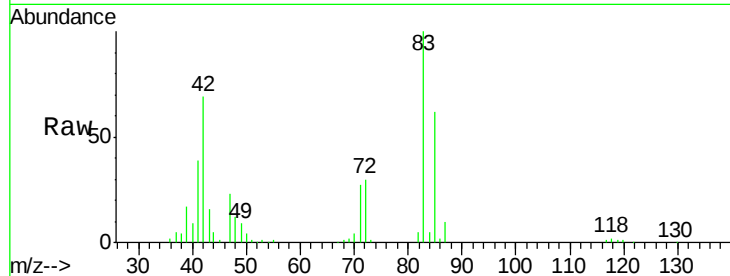
RT: 4.65 min Scan# 1264

Delta R.T. -0.02 min

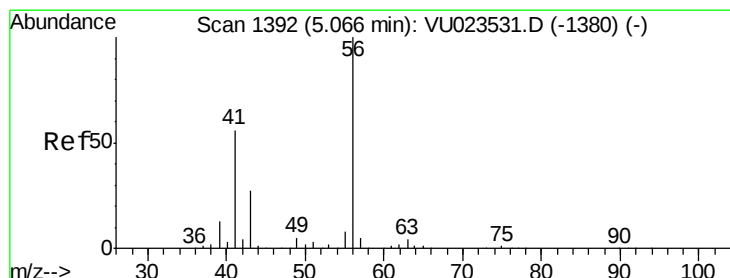
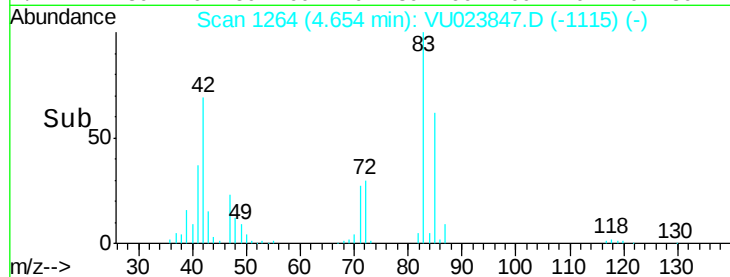
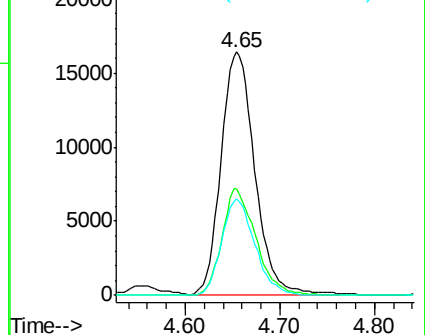
Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt 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: 10.32 ug/l

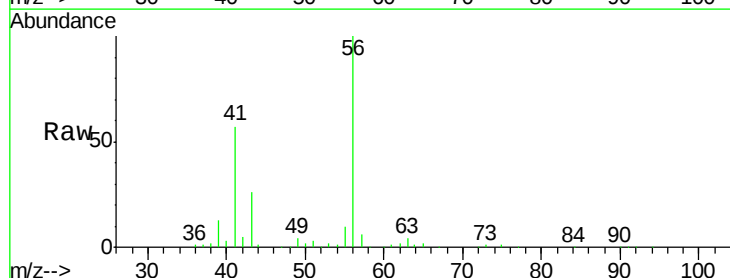
RT: 5.07 min Scan# 1393

Delta R.T. 0.00 min

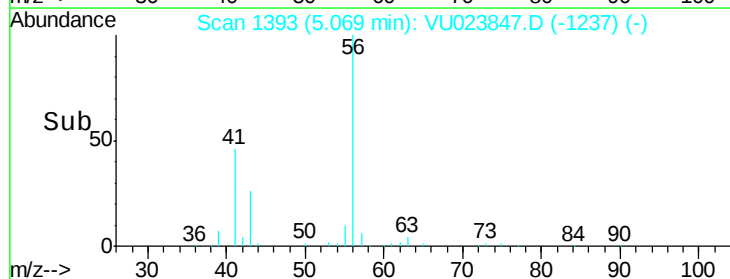
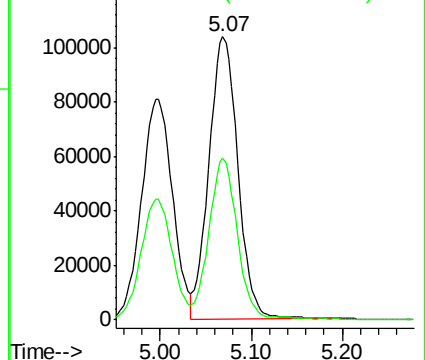
Lab File: VU023847.D

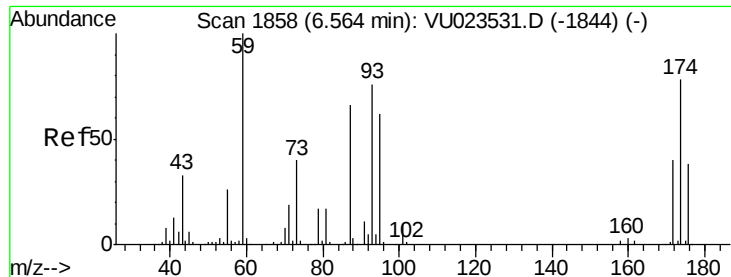
Acq: 14 May 2018 10:48

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: 10.38 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

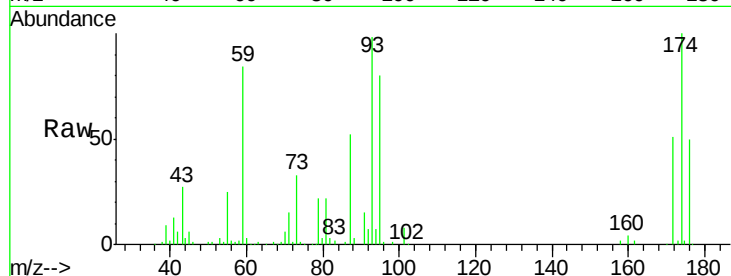
Tgt Ion: 93 Resp: 56005

Ion Ratio Lower Upper

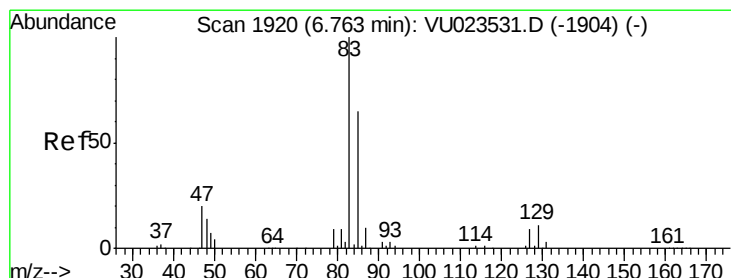
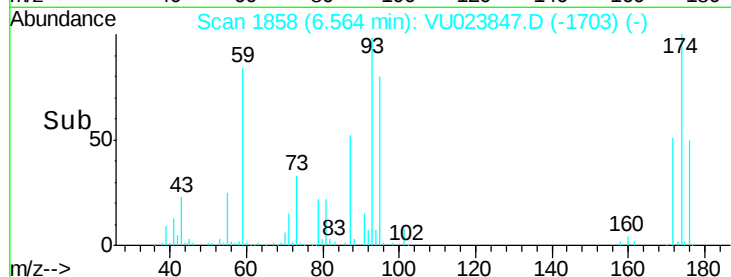
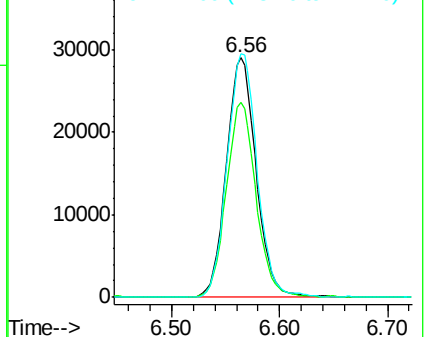
93 100

95 81.2 67.2 100.8

174 102.3 82.8 124.2



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 10.33 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

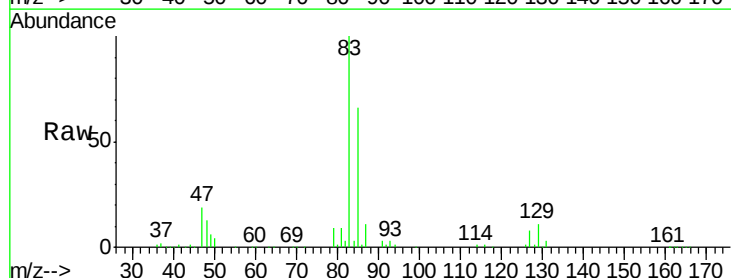
Tgt Ion: 83 Resp: 139980

Ion Ratio Lower Upper

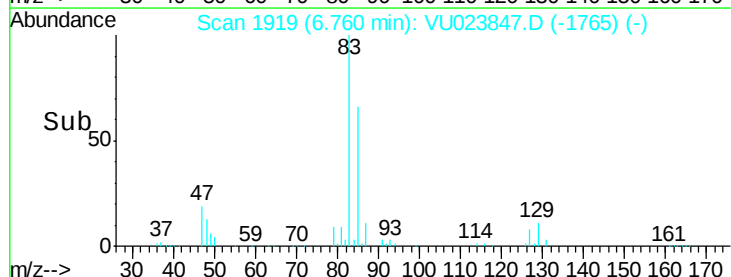
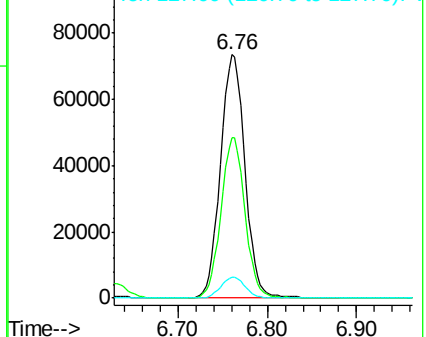
83 100

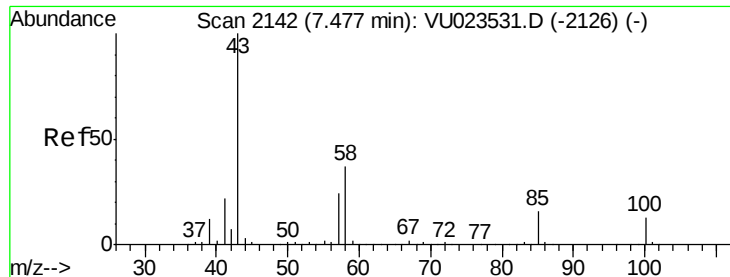
85 66.0 52.2 78.4

127 8.5 7.0 10.4



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





#45

4-Methyl-2-Pentanone

Concen: 56.80 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

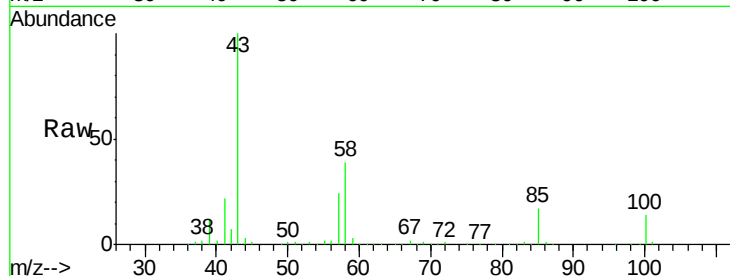
Tgt Ion: 43 Resp: 362050

Ion Ratio Lower Upper

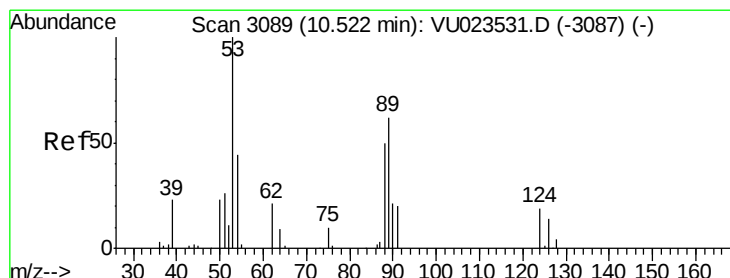
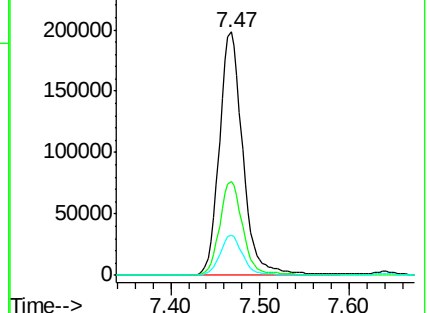
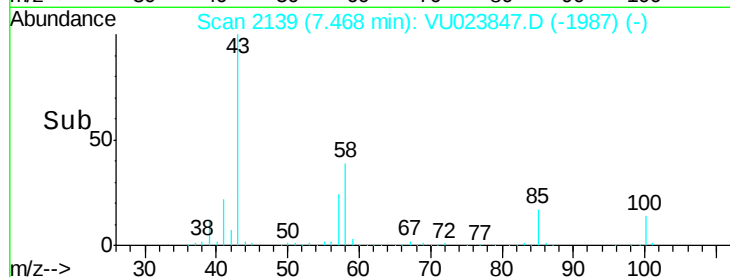
43 100

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: 32.21 ug/l

RT: 10.50 min Scan# 3082

Delta R.T. -0.02 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion: 75 Resp: 60701

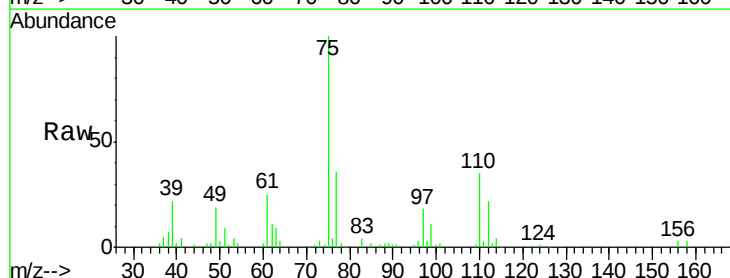
Ion Ratio Lower Upper

75 100

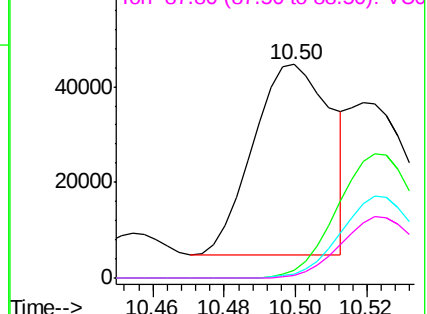
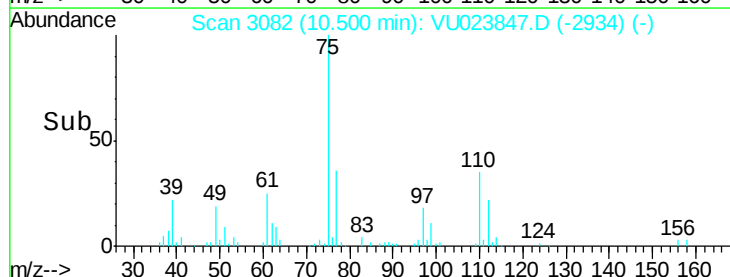
53 69.0 82.2 123.4#

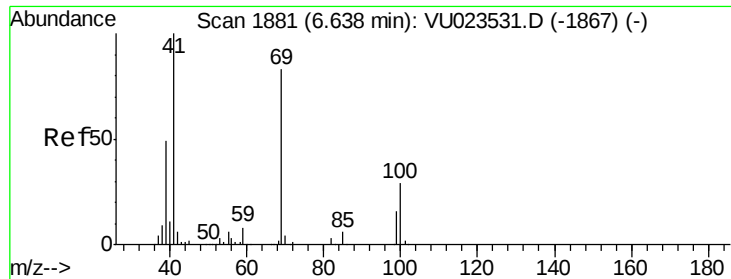
89 43.6 51.3 76.9#

88 33.2 37.4 56.2#



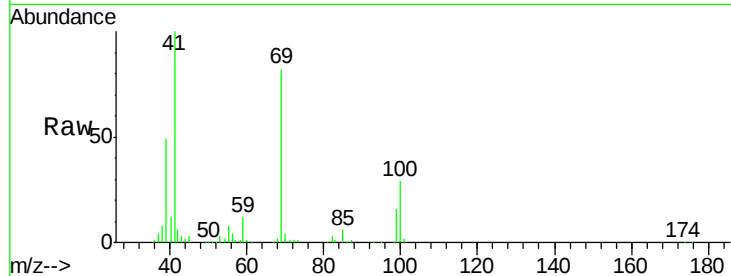
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0



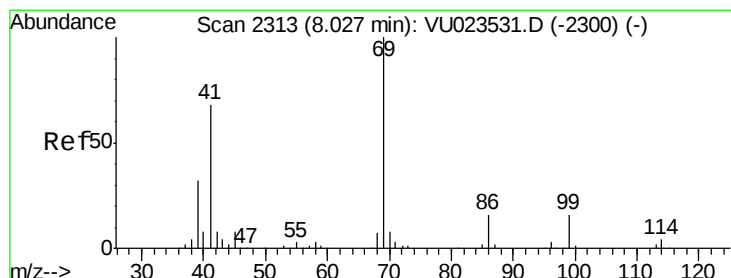
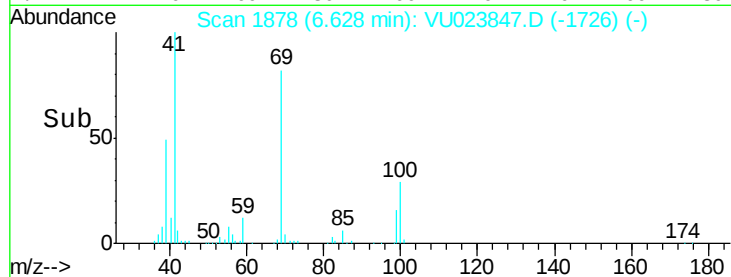
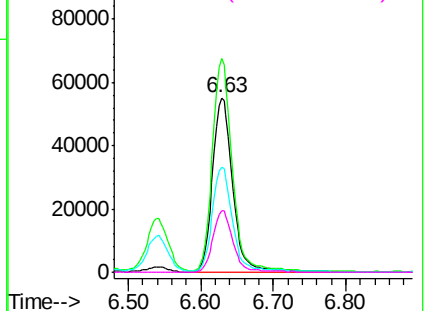


#47
Methyl methacrylate
Concen: 22.00 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. -0.01 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt 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

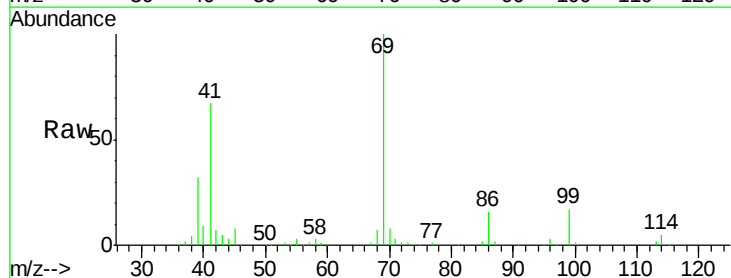


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

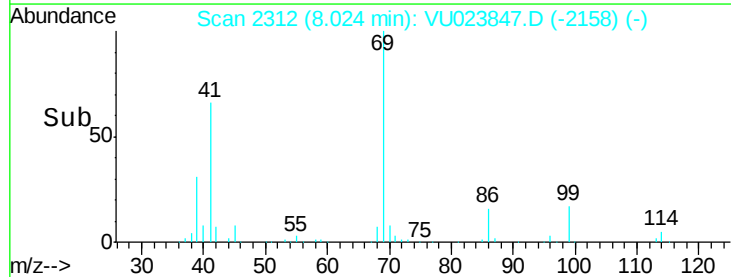
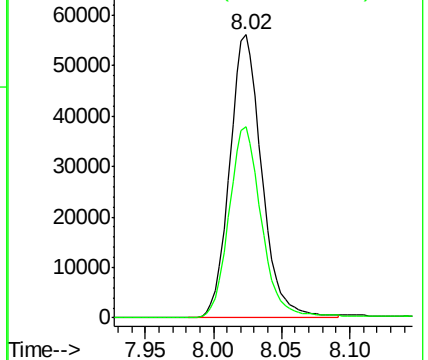


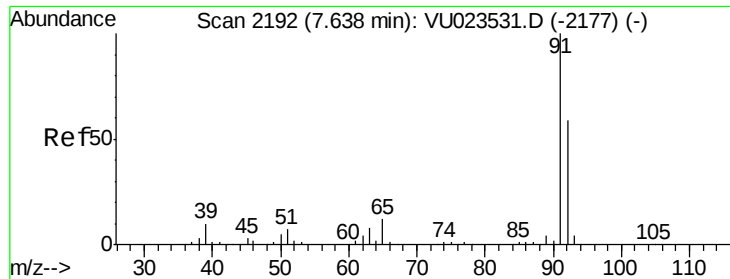
#48
Ethyl methacrylate
Concen: 10.77 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

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: 10.48 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023847.D

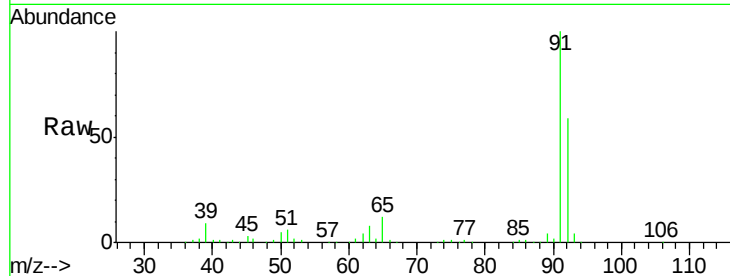
Acq: 14 May 2018 10:48

Tgt Ion: 92 Resp: 276715

Ion Ratio Lower Upper

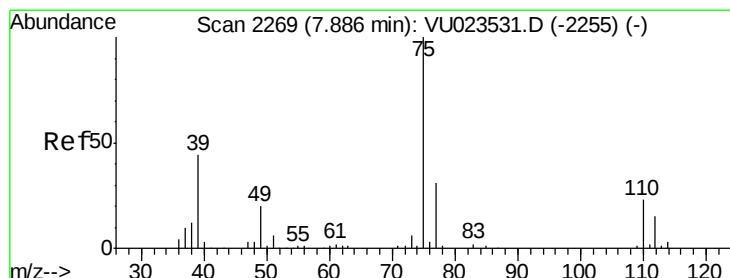
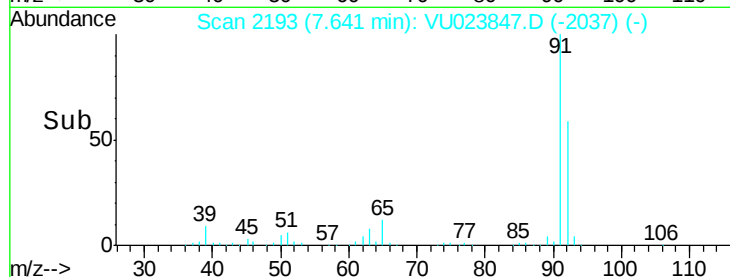
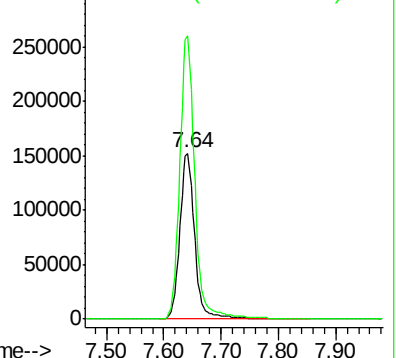
92 100

91 172.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 10.87 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VU023847.D

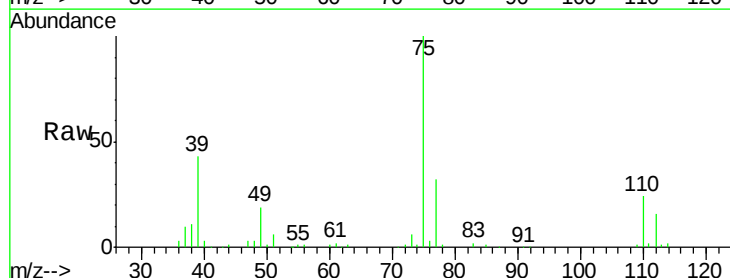
Acq: 14 May 2018 10:48

Tgt Ion: 75 Resp: 125741

Ion Ratio Lower Upper

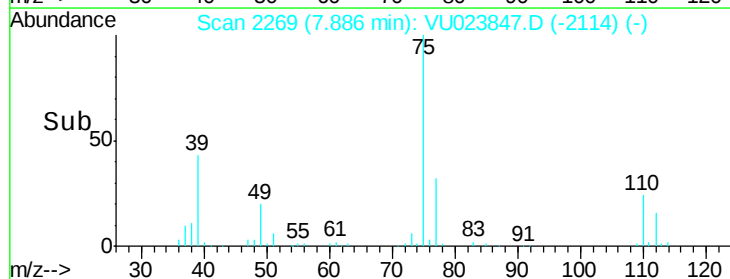
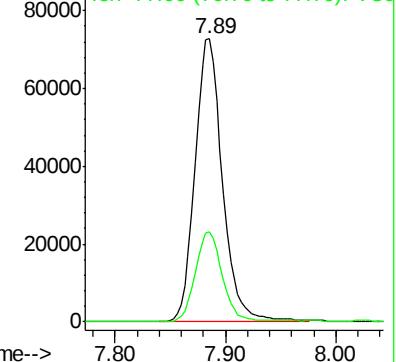
75 100

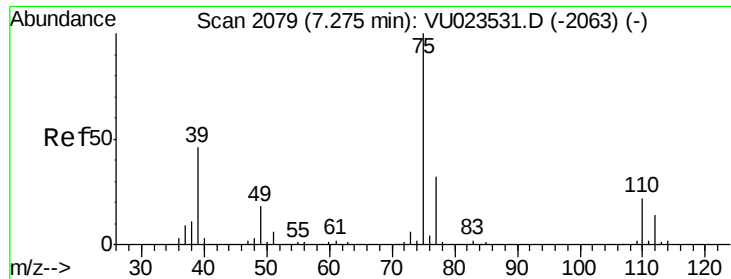
77 31.8 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#51

cis-1,3-Dichloropropene

Concen: 10.46 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

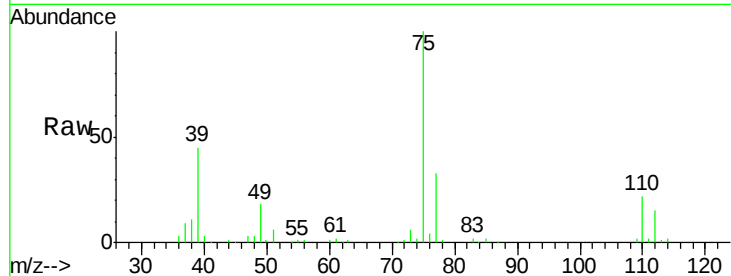
Tgt Ion: 75 Resp: 157518

Ion Ratio Lower Upper

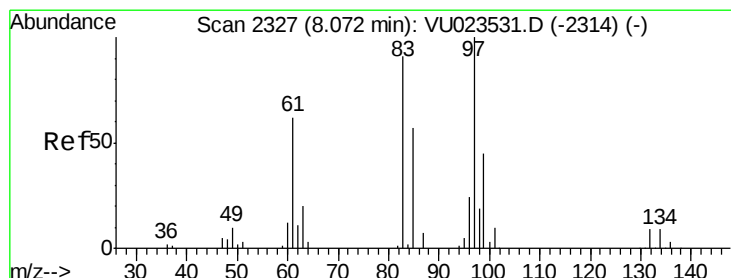
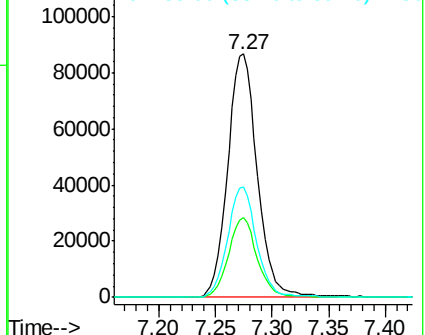
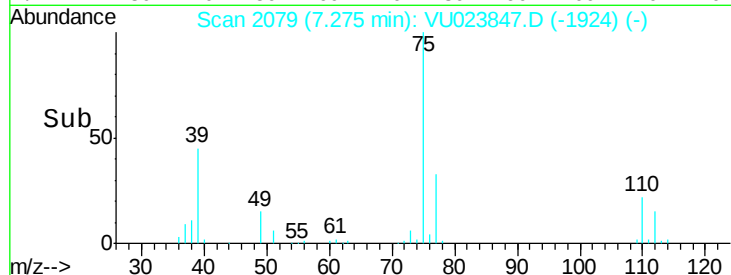
75 100

77 32.6 25.2 37.8

39 45.4 36.4 54.6



Abundance Ion 75.00 (74.70 to 75.70): VU023847.D (-1924) (-)



#52

1,1,2-Trichloroethane

Concen: 10.13 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: 97 Resp: 77730

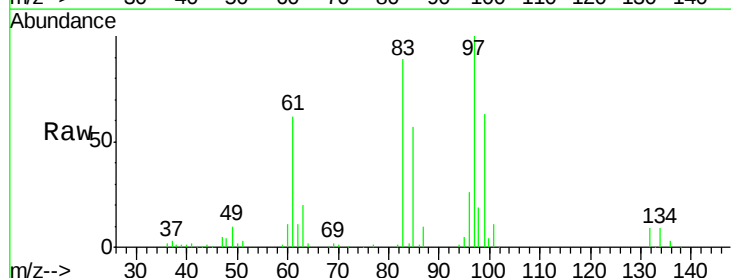
Ion Ratio Lower Upper

97 100

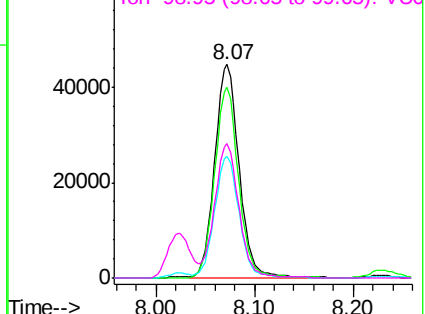
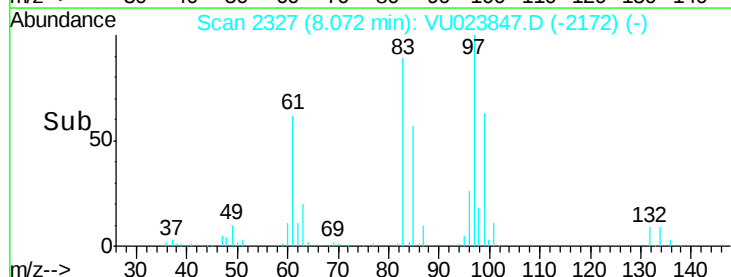
83 89.1 72.6 109.0

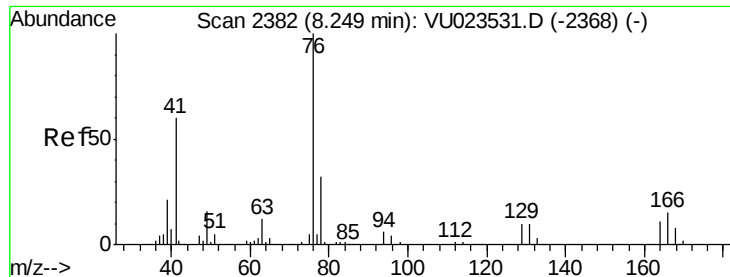
85 57.2 47.2 70.8

99 62.6 50.8 76.2



Abundance Ion 97.00 (96.70 to 97.70): VU023847.D (-2172) (-)





#53

1,3-Dichloropropane

Concen: 10.21 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. -0.00 min

Lab File: VU023847.D

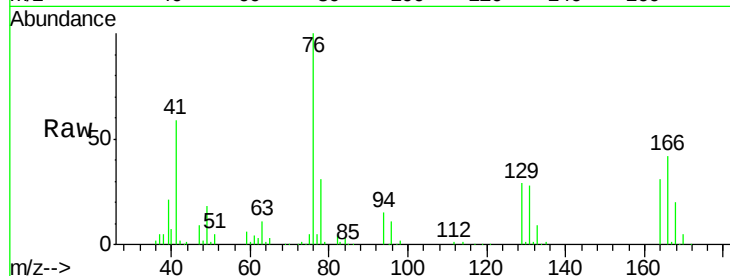
Acq: 14 May 2018 10:48

Tgt Ion: 76 Resp: 139318

Ion Ratio Lower Upper

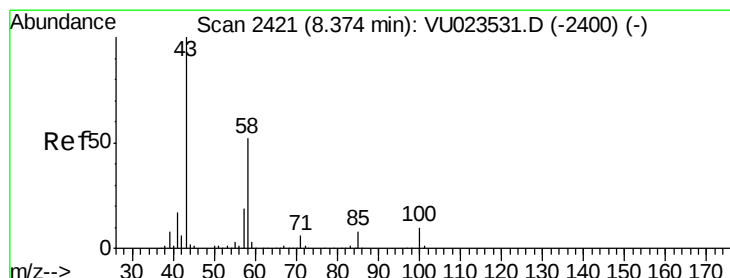
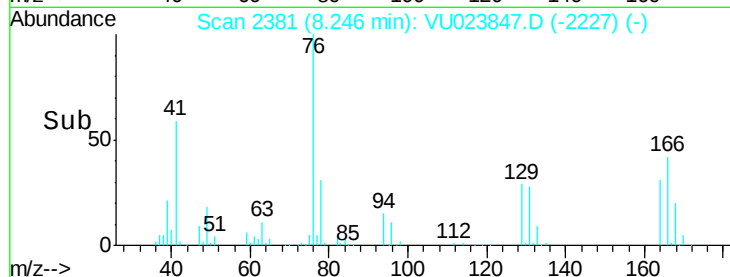
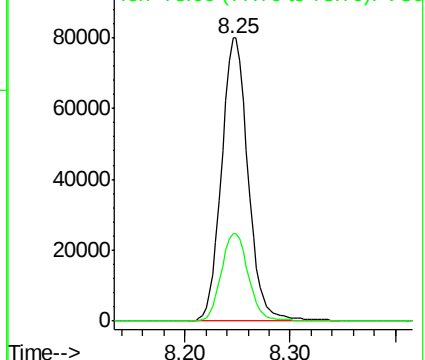
76 100

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: 78.68 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. -0.01 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

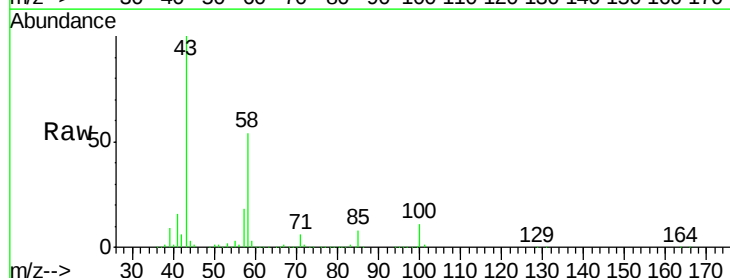
Tgt Ion: 43 Resp: 341646

Ion Ratio Lower Upper

43 100

58 53.1 32.5 72.5

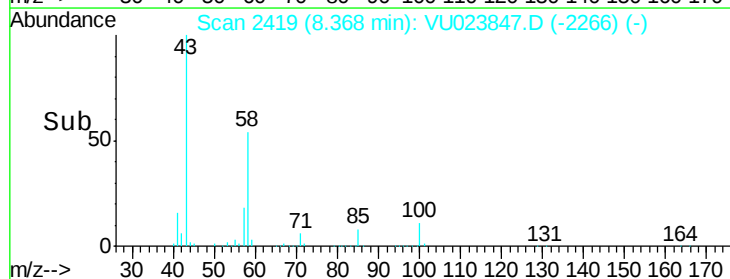
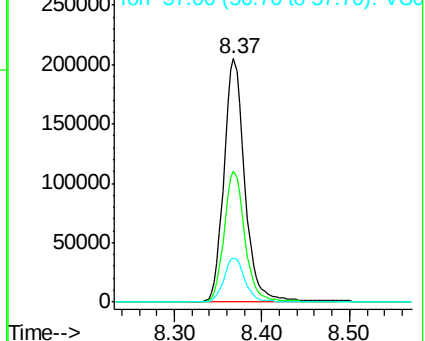
57 18.1 0.0 37.9

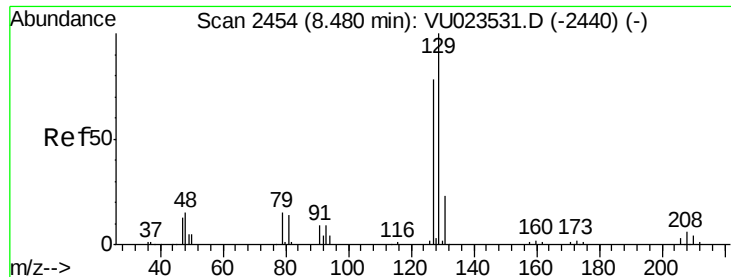


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 10.88 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU023847.D

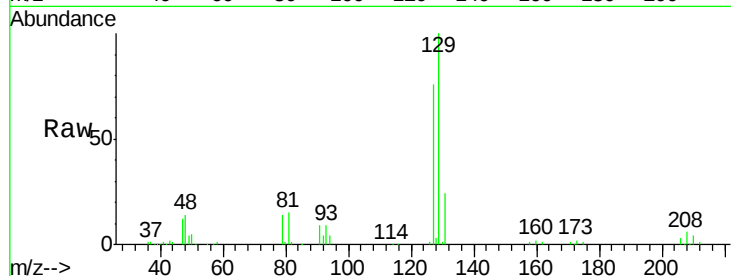
Acq: 14 May 2018 10:48

Tgt 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

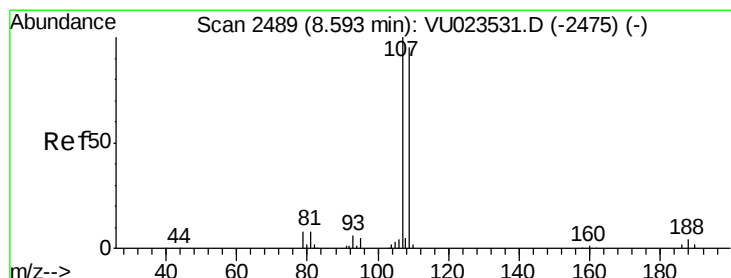
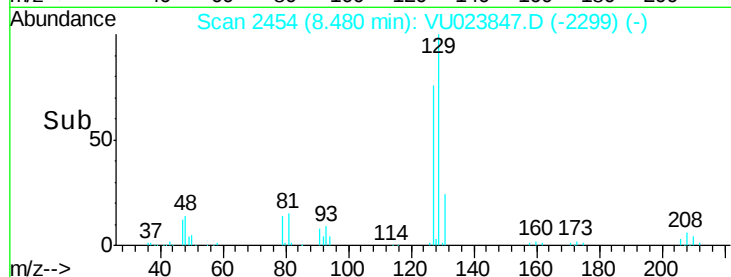
20000

10000

0

8.40 8.45 8.50 8.55 8.60

Time-->



#56

1,2-Dibromoethane

Concen: 10.39 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU023847.D

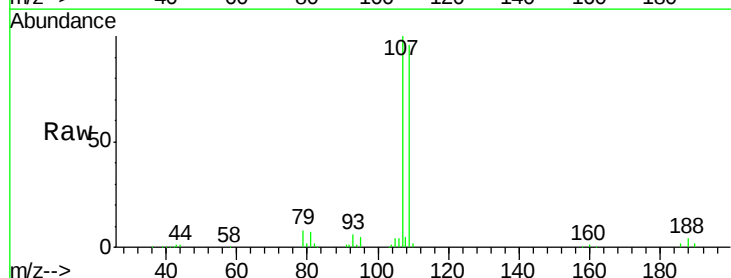
Acq: 14 May 2018 10:48

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

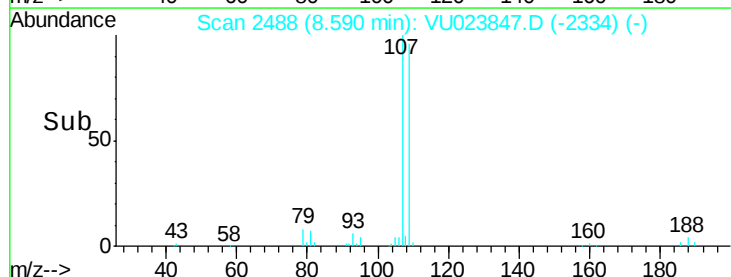
20000

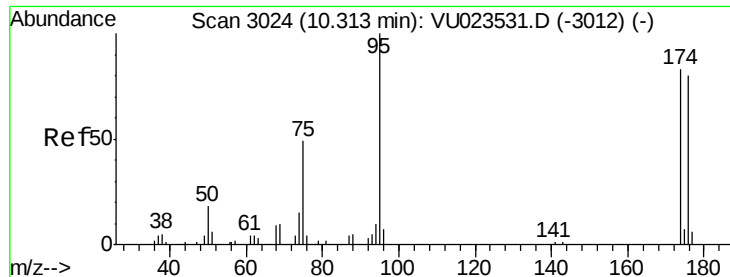
10000

0

8.50 8.55 8.60 8.65

Time-->





#57

4-Bromofluorobenzene

Concen: 10.39 ug/l

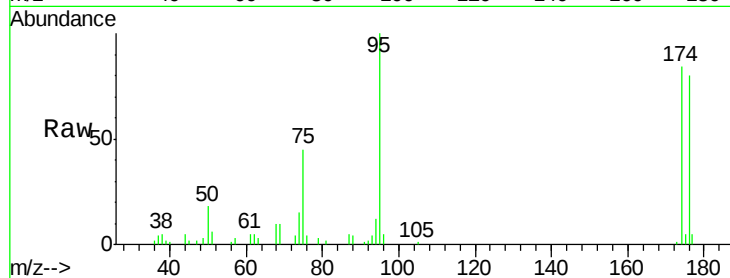
RT: 10.31 min Scan# 3024

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

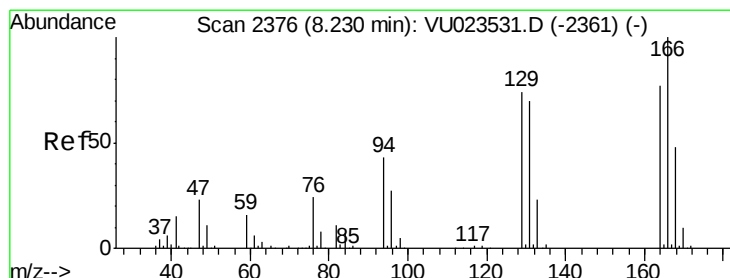
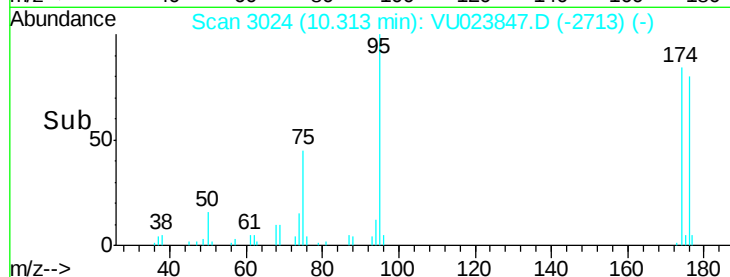
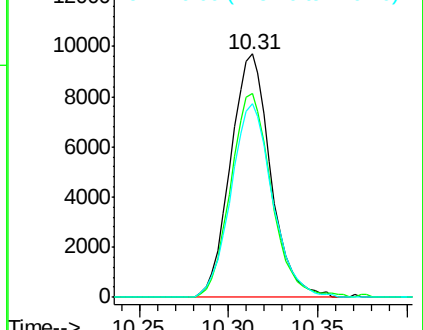
Tgt Ion:	95	Resp:	15209
Ion	Ratio	Lower	Upper
95	100		
174	85.3	65.6	98.4
176	82.3	62.0	93.0



Abundance Ion 95.00 (94.70 to 95.70): VU023531.D (-3012) (-)

Ion 174.00 (173.70 to 174.70): VU023531.D (-3012) (-)

Ion 176.00 (175.70 to 176.70): VU023531.D (-3012) (-)



#58

Tetrachloroethene

Concen: 10.06 ug/l

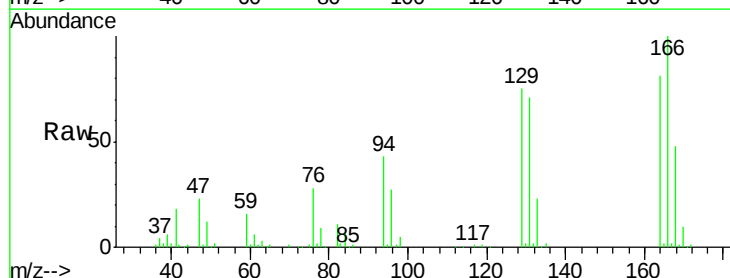
RT: 8.23 min Scan# 2376

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

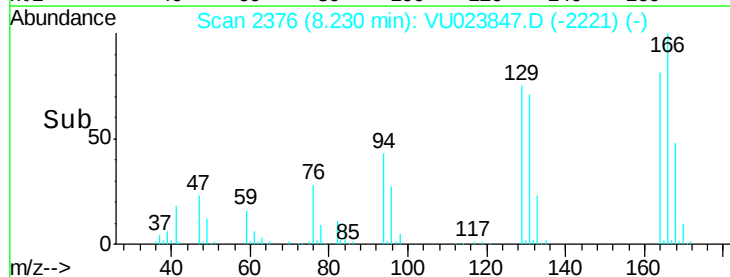
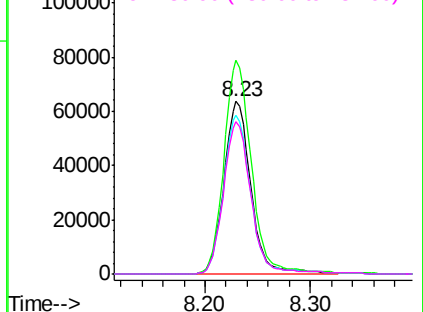


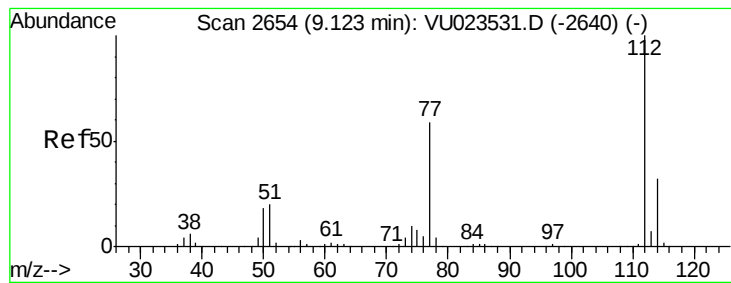
Abundance Ion 163.85 (163.55 to 164.55): VU023531.D (-2361) (-)

Ion 165.80 (165.50 to 166.50): VU023531.D (-2361) (-)

Ion 128.90 (128.60 to 129.60): VU023531.D (-2361) (-)

Ion 130.90 (130.60 to 131.60): VU023531.D (-2361) (-)





#59

Chlorobenzene

Concen: 10.41 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023847.D

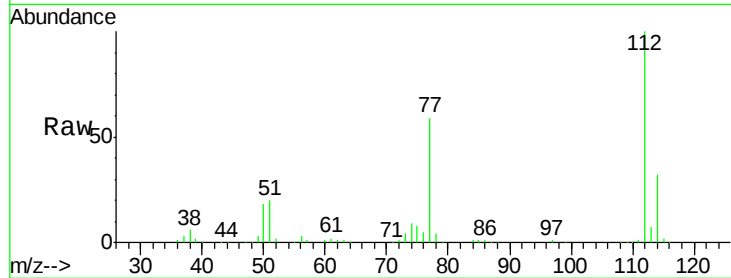
Acq: 14 May 2018 10:48

Tgt 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

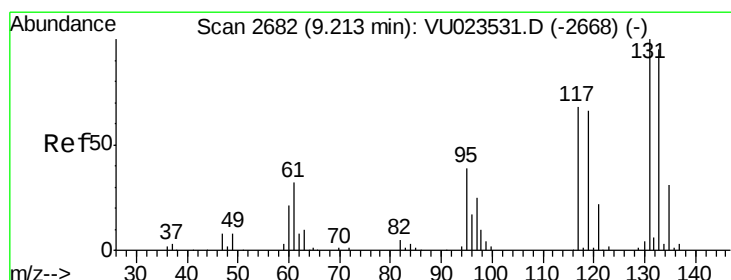
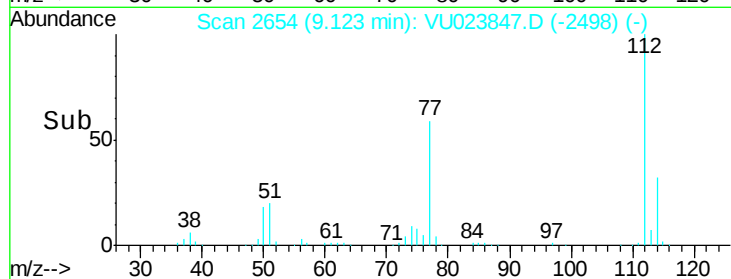
100000

50000

0

9.10 9.20

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.46 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

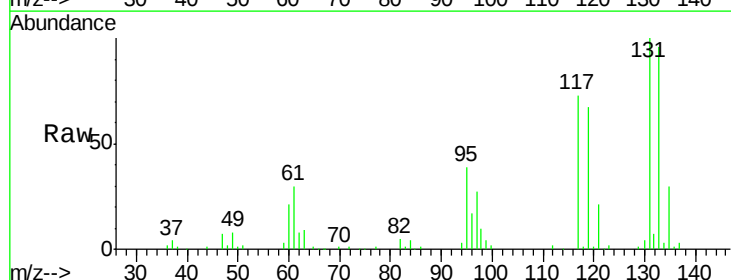
Tgt Ion: 131 Resp: 100407

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

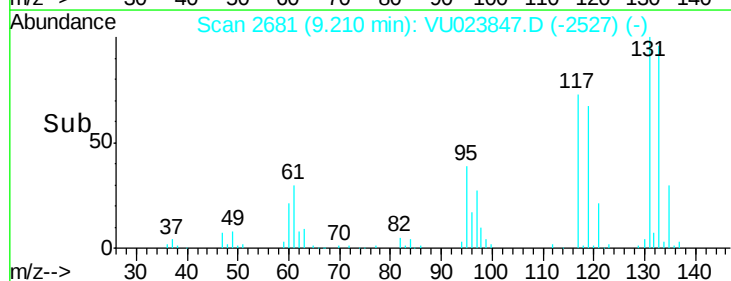
40000

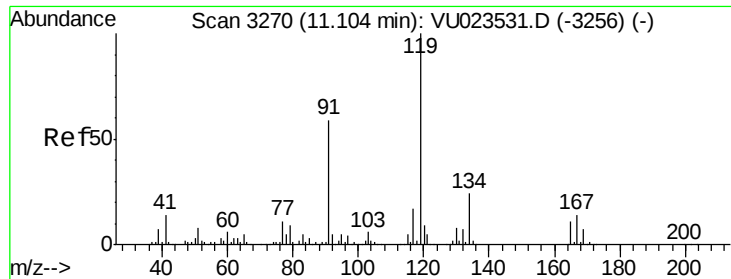
20000

0

9.15 9.20 9.25 9.30

Time-->





#61

Pentachloroethane

Concen: 11.43 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU023847.D

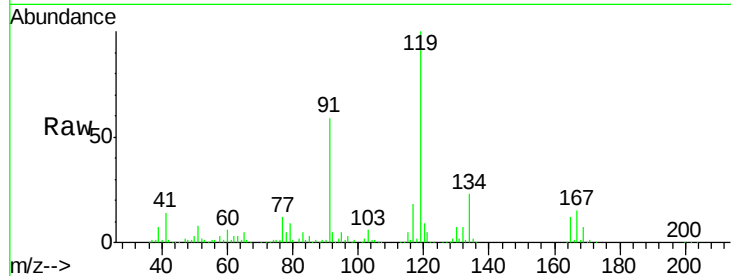
Acq: 14 May 2018 10:48

Tgt Ion:117 Resp: 77925

Ion Ratio Lower Upper

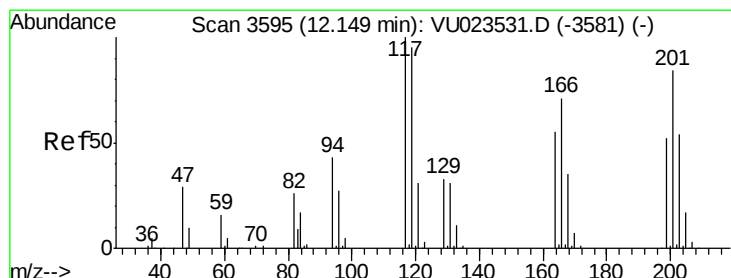
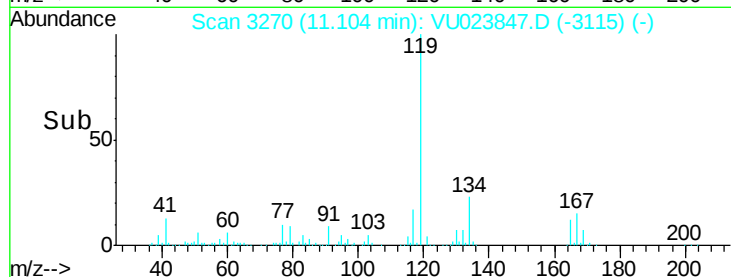
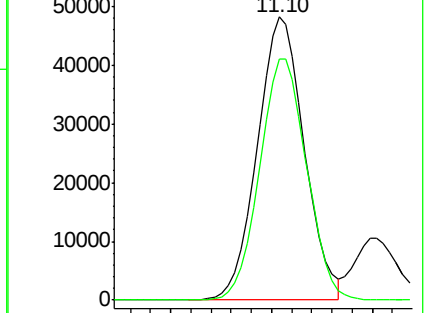
117 100

167 85.2 69.2 103.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 12.02 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU023847.D

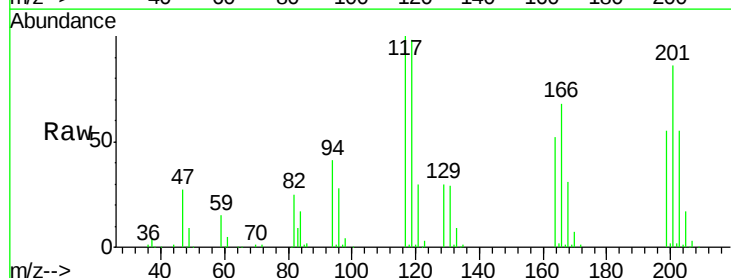
Acq: 14 May 2018 10:48

Tgt Ion:117 Resp: 78595

Ion Ratio Lower Upper

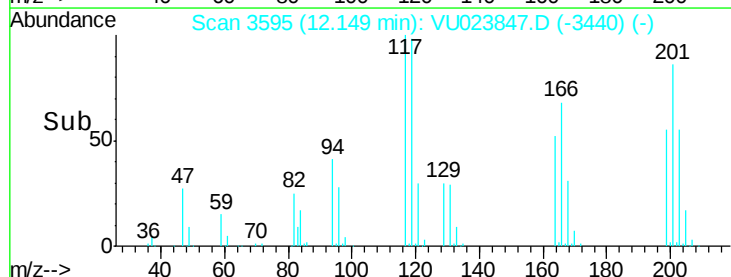
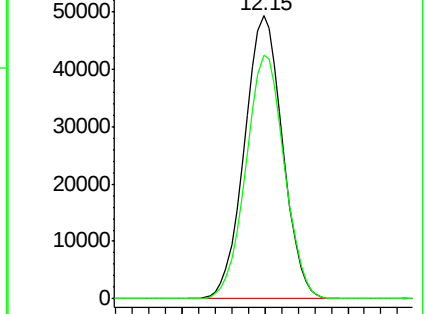
117 100

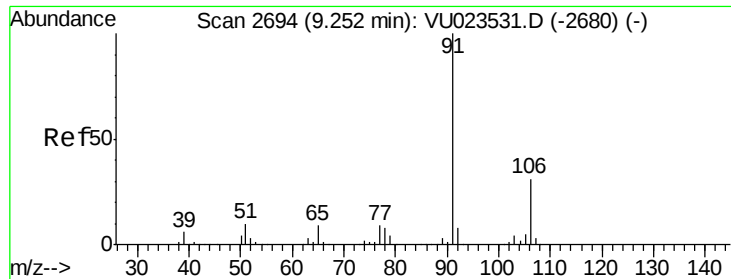
201 87.1 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 10.95 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023847.D

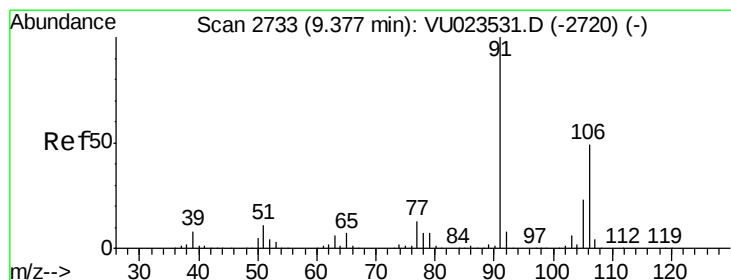
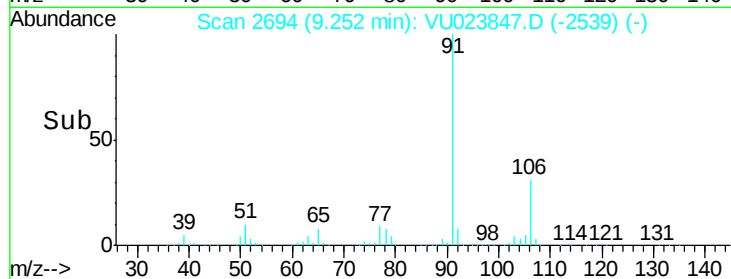
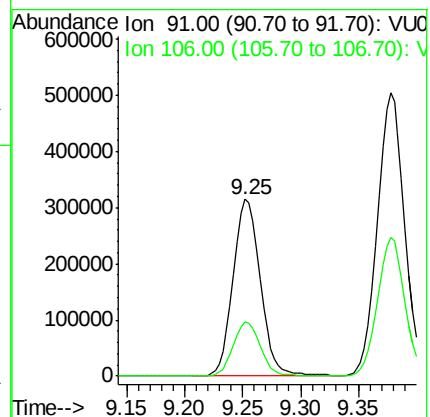
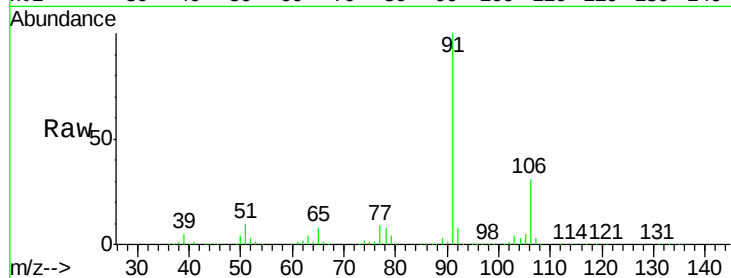
Acq: 14 May 2018 10:48

Tgt Ion: 91 Resp: 514514

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#64

m/p-Xylenes

Concen: 22.42 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023847.D

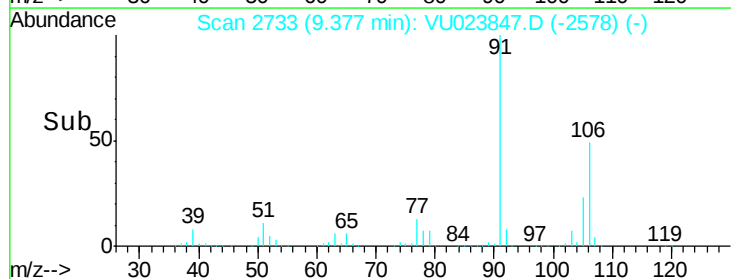
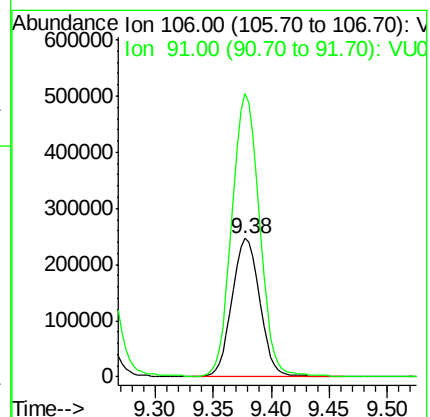
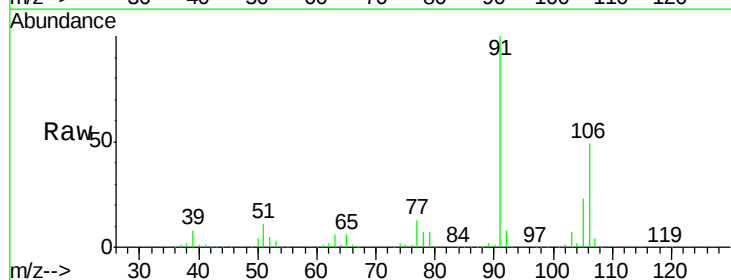
Acq: 14 May 2018 10:48

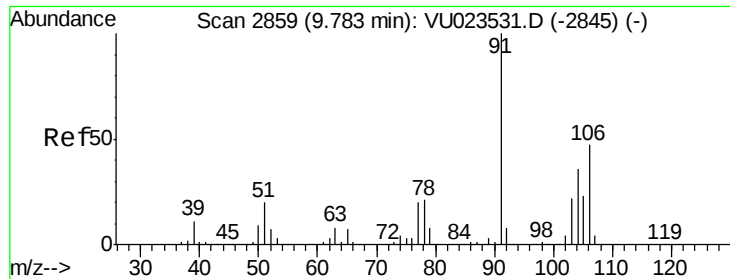
Tgt Ion: 106 Resp: 406358

Ion Ratio Lower Upper

106 100

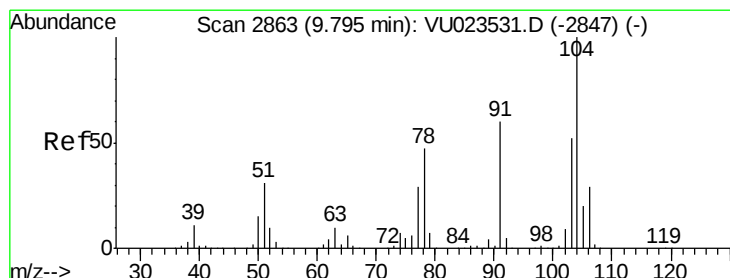
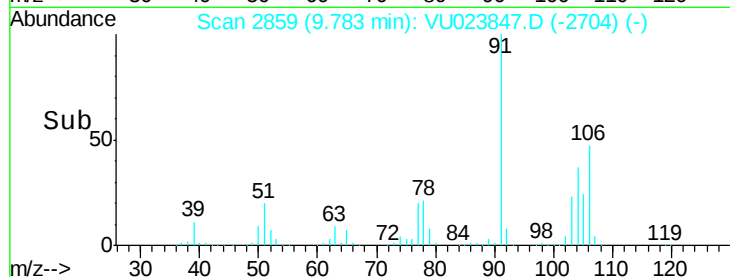
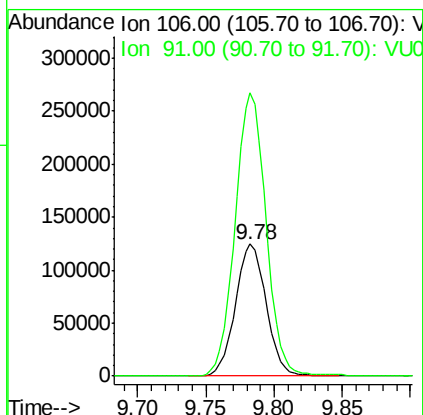
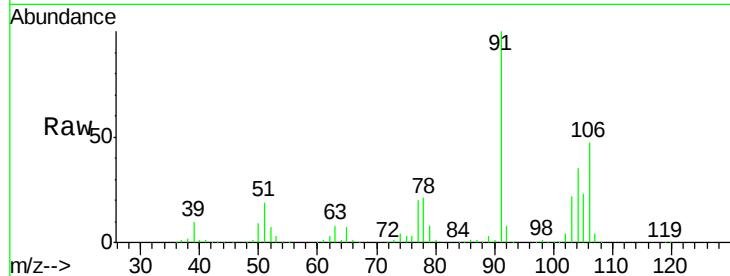
91 204.2 164.1 246.1





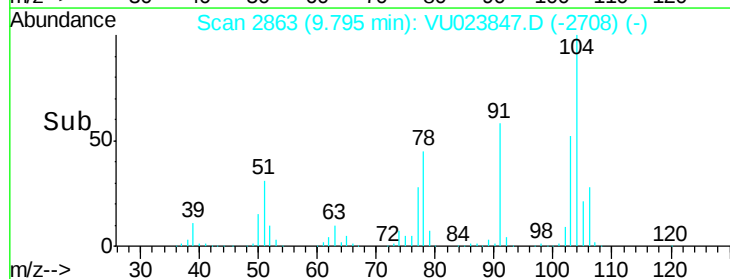
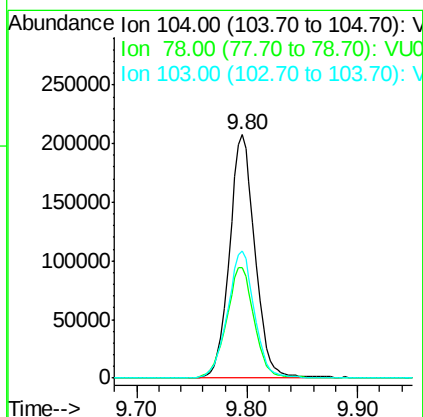
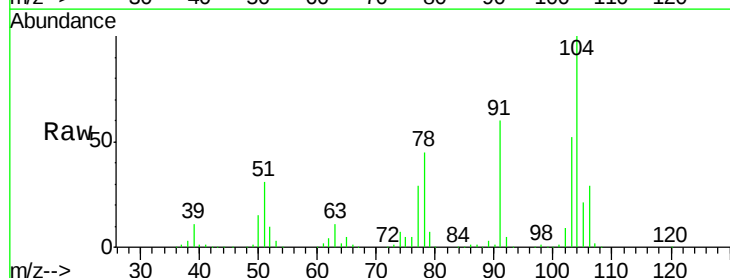
#65
o-Xylene
Concen: 11.23 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

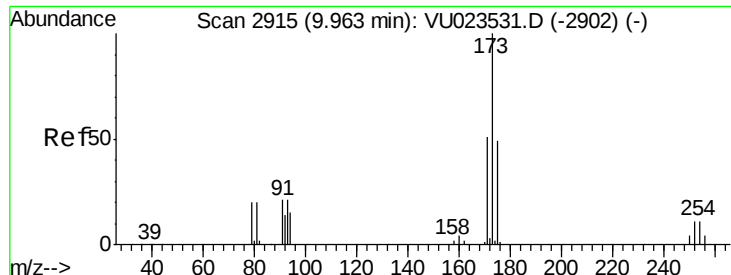
Tgt Ion:106 Resp: 195904
Ion Ratio Lower Upper
106 100
91 215.6 107.9 323.7



#66
Styrene
Concen: 11.57 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: 11.81 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

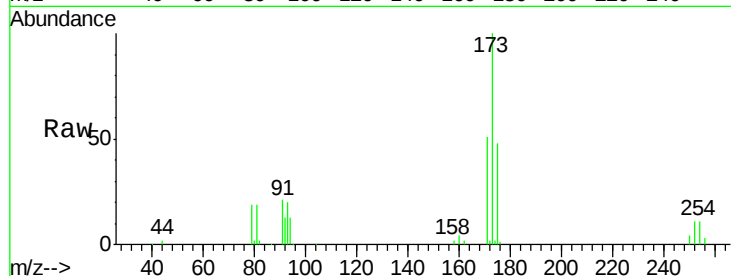
Tgt Ion:173 Resp: 51846

Ion Ratio Lower Upper

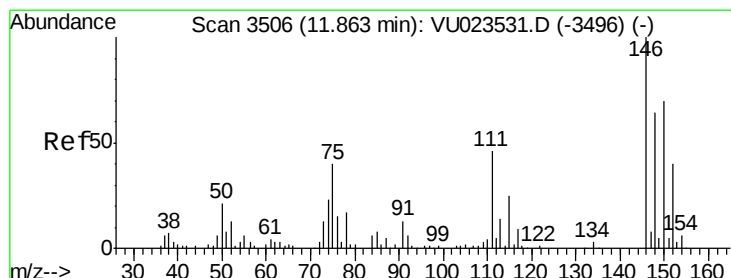
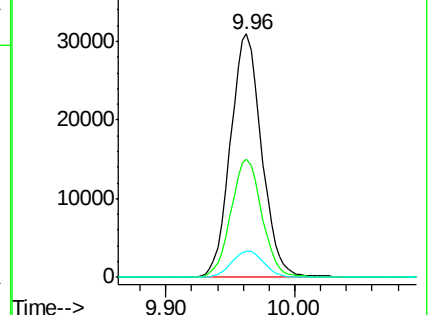
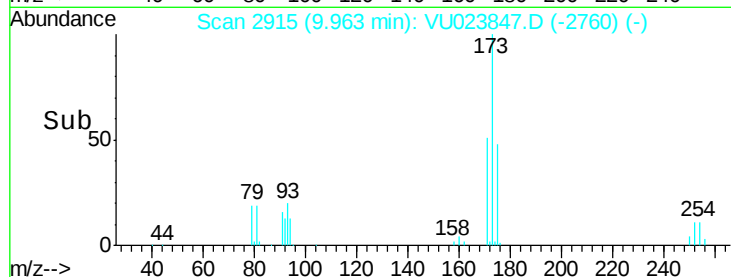
173 100

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: 11.81 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

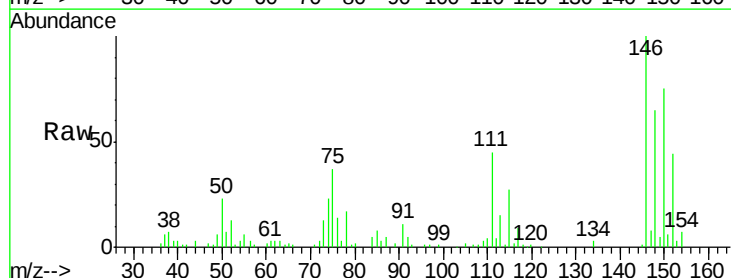
Tgt Ion:152 Resp: 16058

Ion Ratio Lower Upper

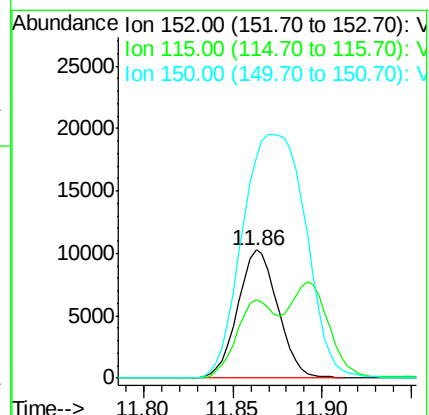
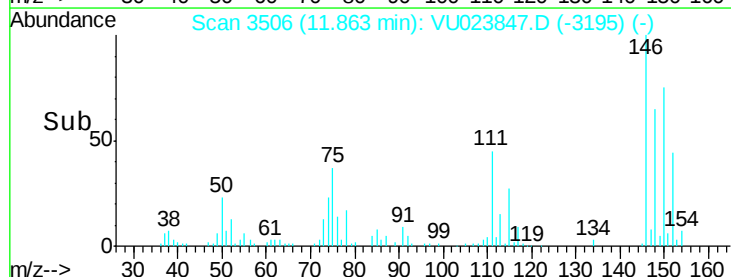
152 100

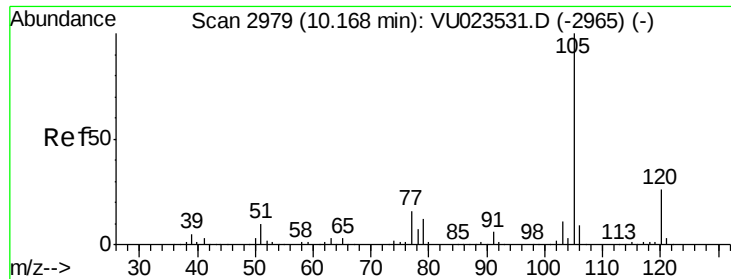
115 59.6 0.0 118.8

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: 11.20 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU023847.D

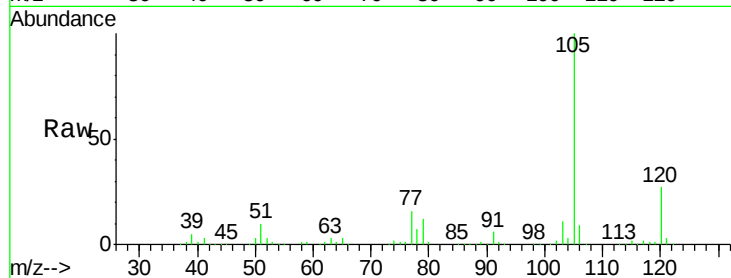
Acq: 14 May 2018 10:48

Tgt 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

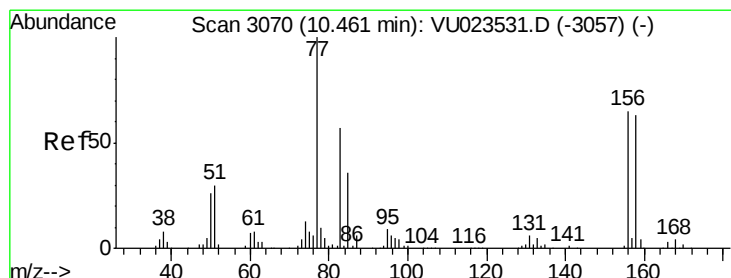
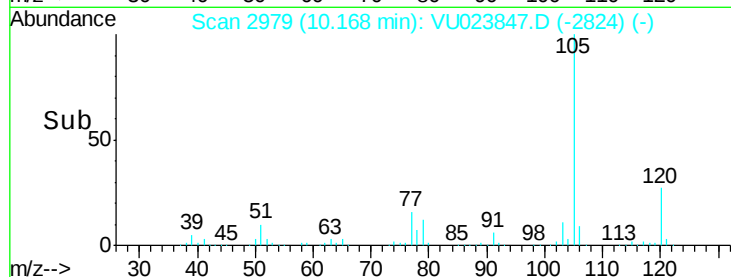
200000

100000

0

Time-->

10.10 10.20 10.30



#70

1,1,2,2-Tetrachloroethane

Concen: 11.19 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

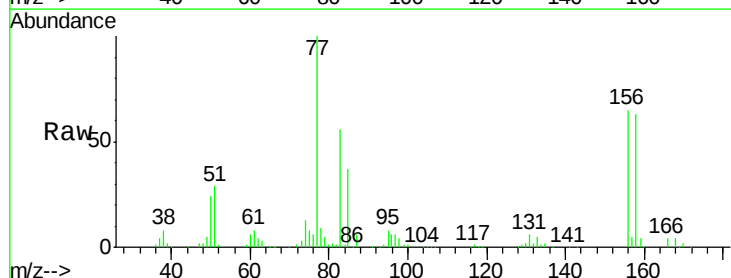
Tgt Ion: 83 Resp: 96756

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

10.46

80000

60000

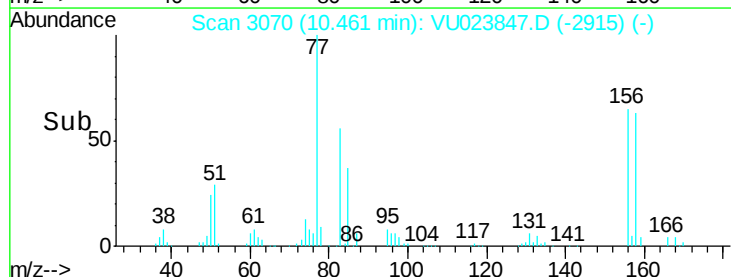
40000

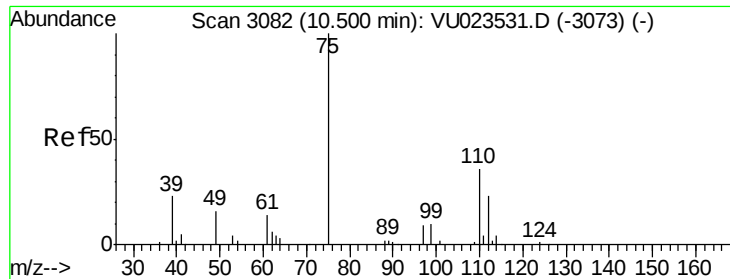
20000

0

Time-->

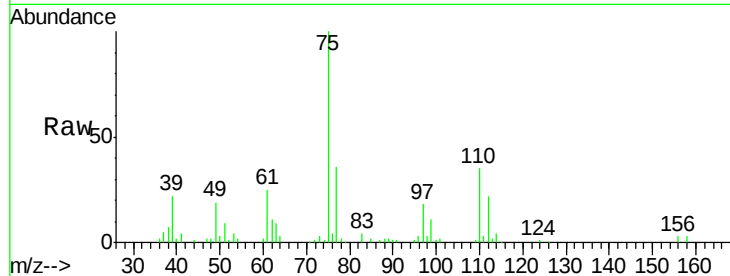
10.40 10.50



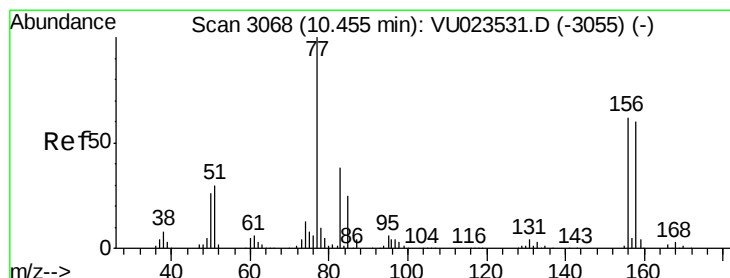
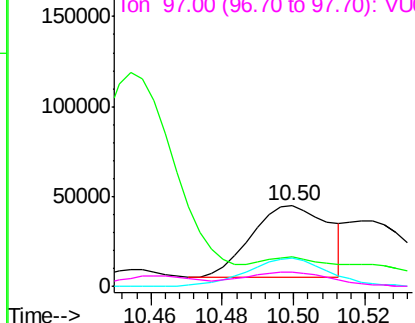
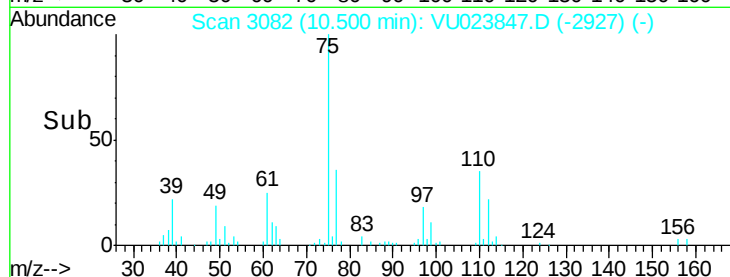


#71
 1,2,3-Trichloropropane
 Concen: 9.81 ug/l
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt 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

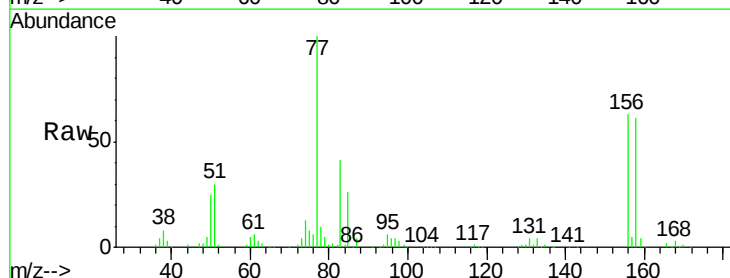


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

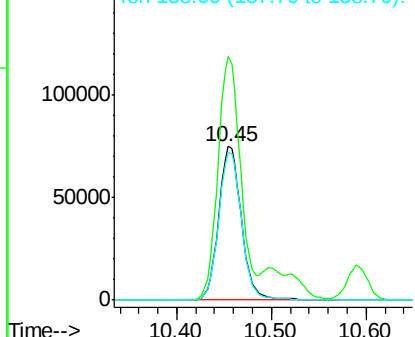
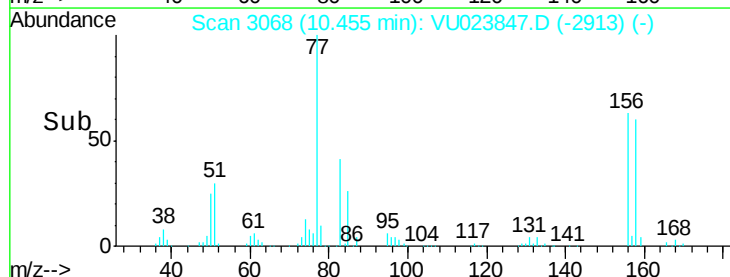


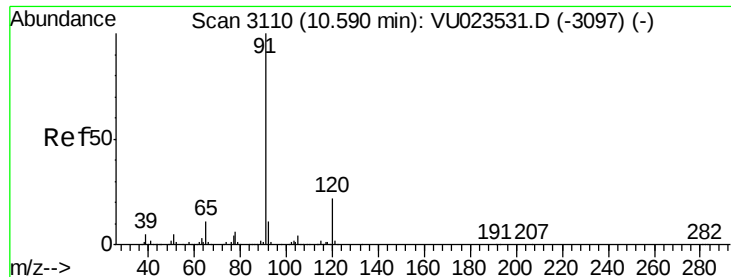
#72
 Bromobenzene
 Concen: 11.15 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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: 11.83 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU023847.D

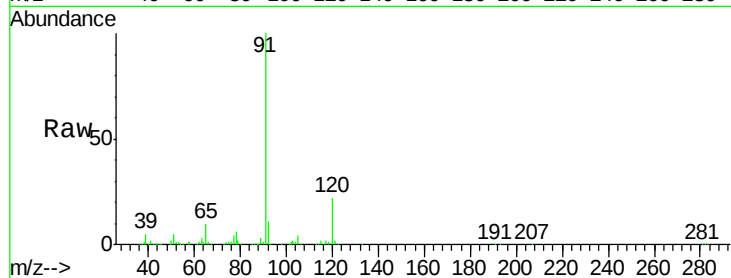
Acq: 14 May 2018 10:48

Tgt Ion:120 Resp: 146941

Ion Ratio Lower Upper

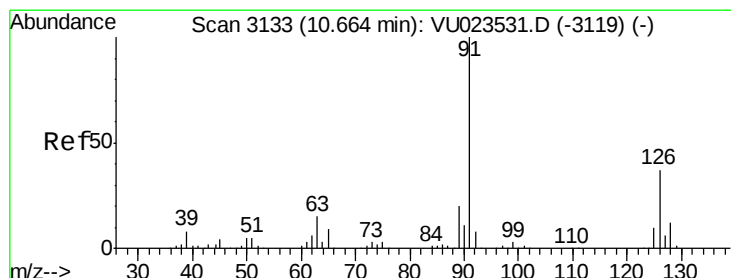
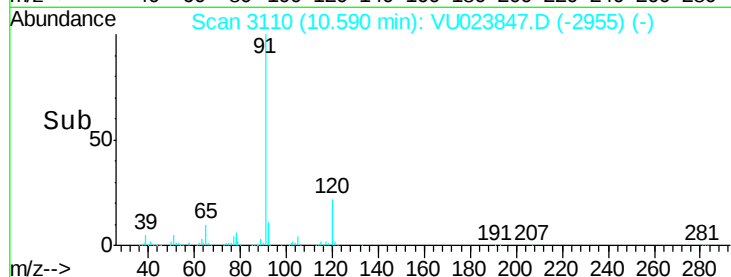
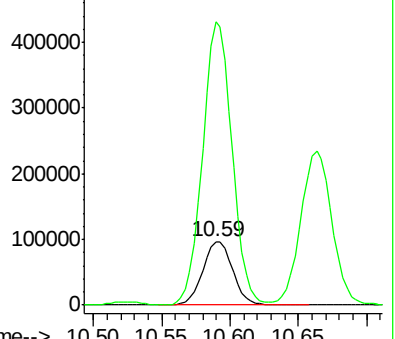
120 100

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



#74

2-Chlorotoluene

Concen: 11.51 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU023847.D

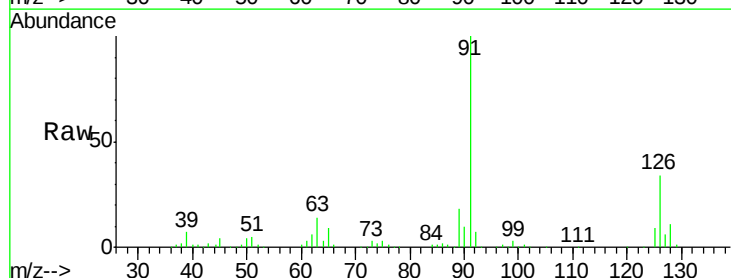
Acq: 14 May 2018 10:48

Tgt Ion:126 Resp: 126408

Ion Ratio Lower Upper

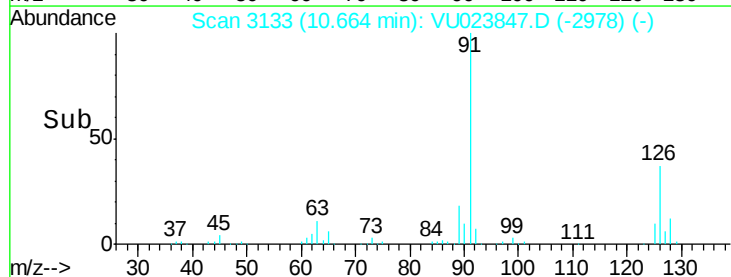
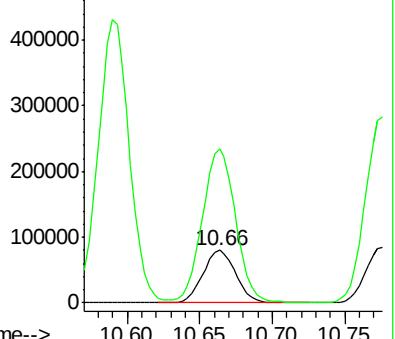
126 100

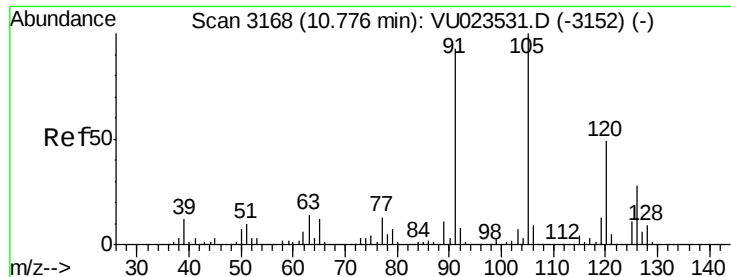
91 291.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.90 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023847.D

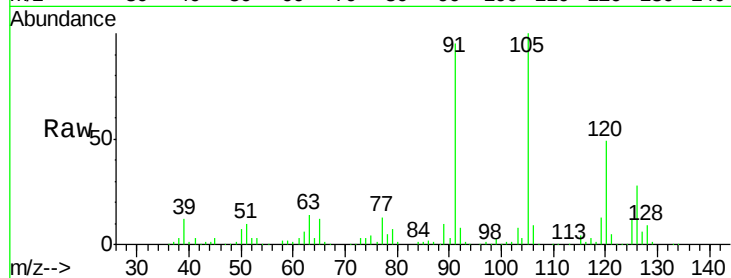
Acq: 14 May 2018 10:48

Tgt Ion:105 Resp: 450763

Ion Ratio Lower Upper

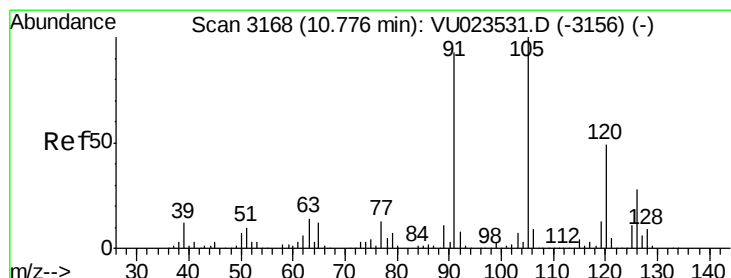
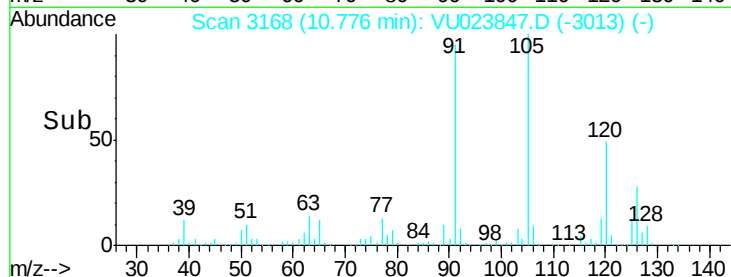
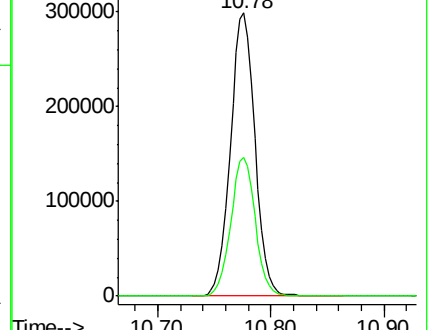
105 100

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: 11.62 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU023847.D

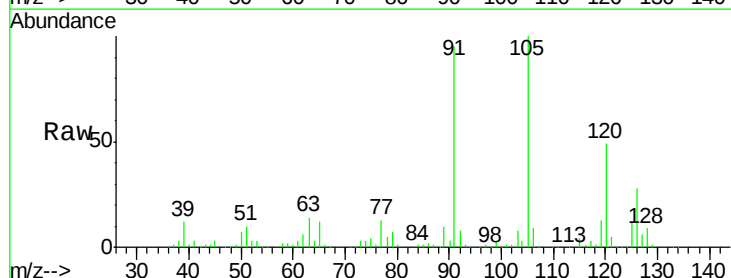
Acq: 14 May 2018 10:48

Tgt Ion:126 Resp: 132303

Ion Ratio Lower Upper

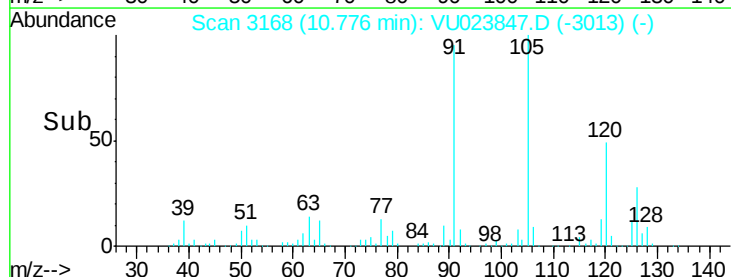
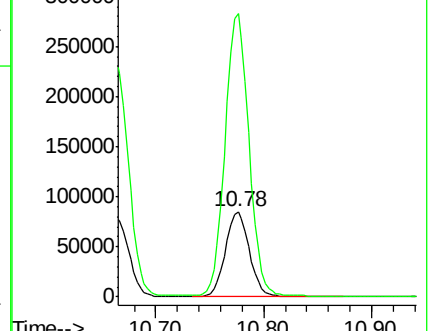
126 100

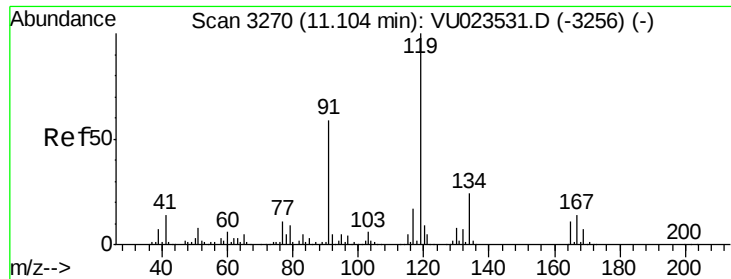
91 330.4 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

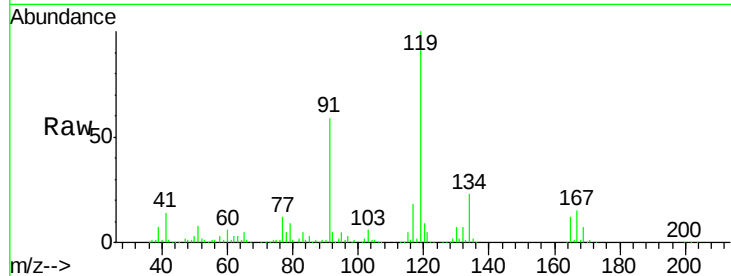
Ion 91.00 (90.70 to 91.70): VU0



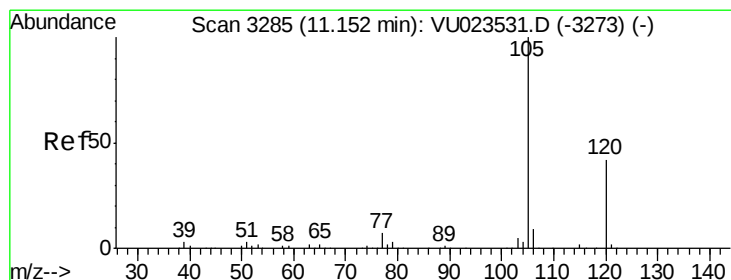
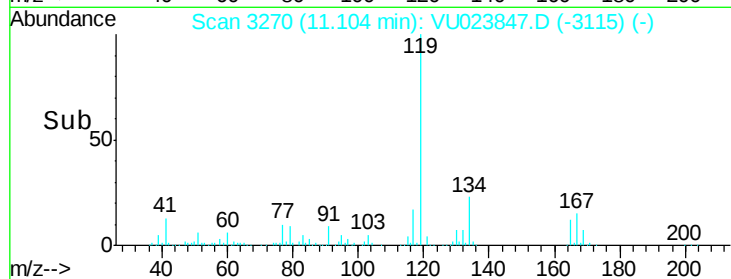
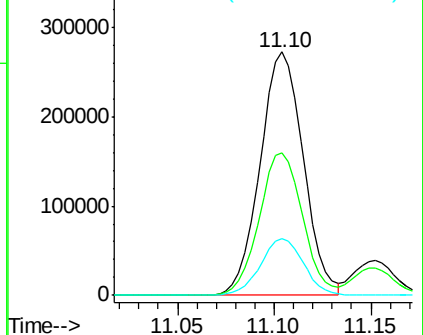


#77
 tert-Butylbenzene
 Concen: 11.94 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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

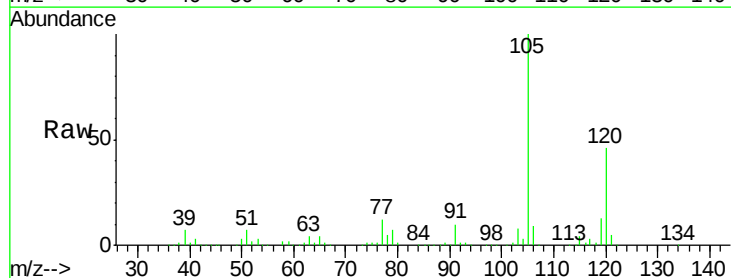


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

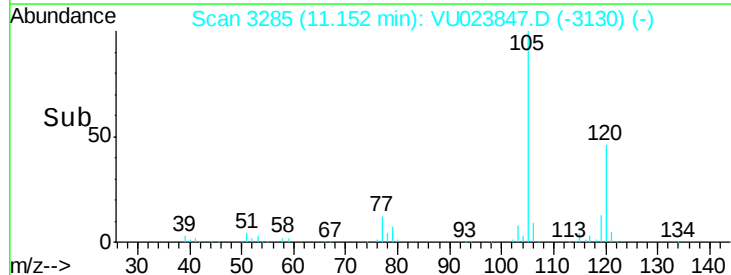
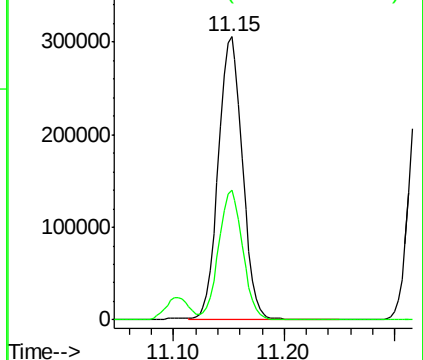


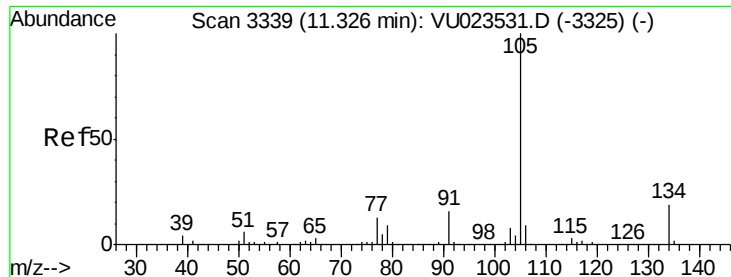
#78
 1,2,4-Trimethylbenzene
 Concen: 12.10 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3



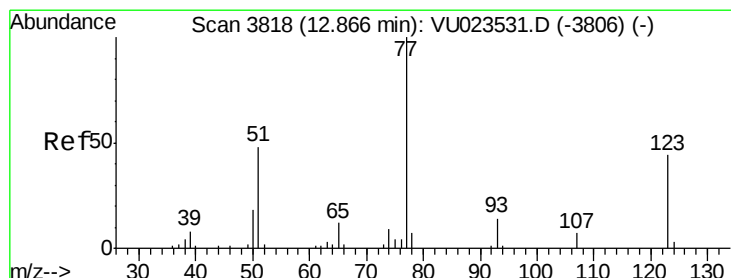
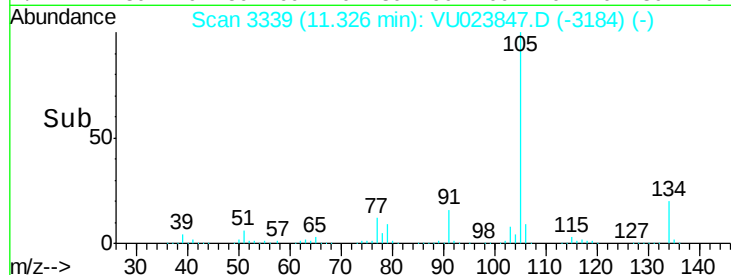
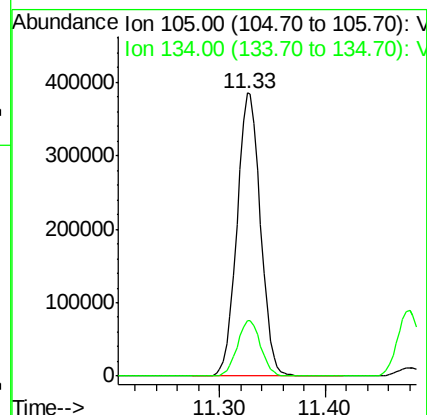
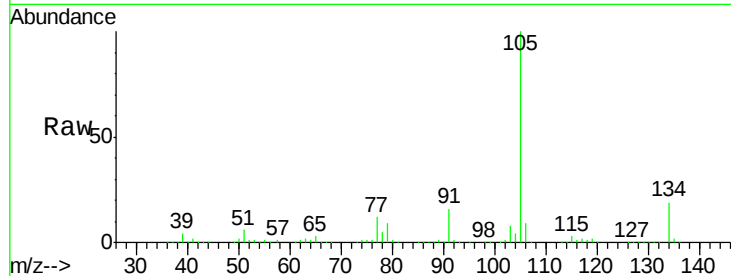
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





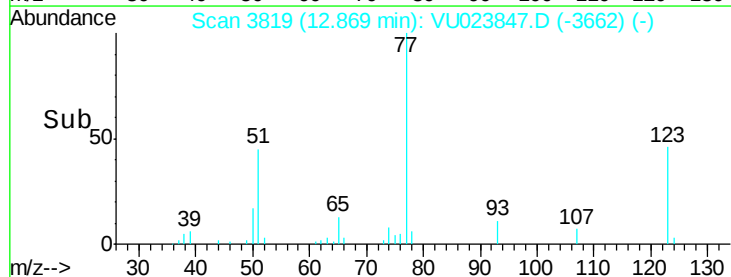
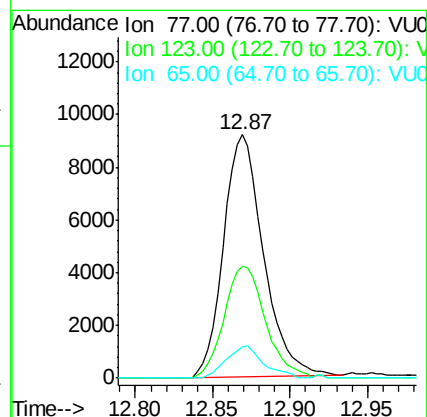
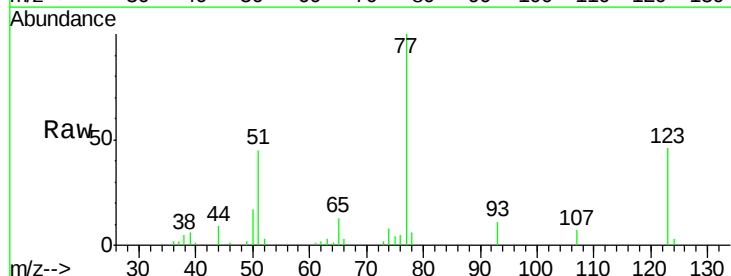
#79
 sec-Butylbenzene
 Concen: 11.89 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

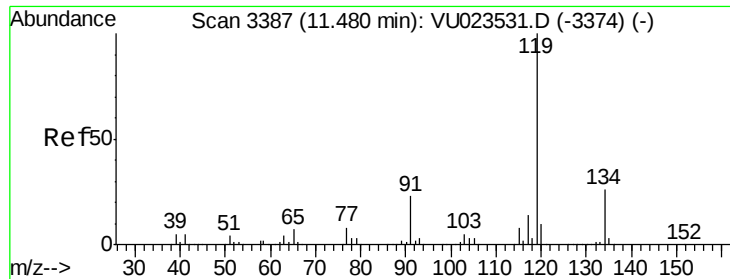
Tgt Ion: 105 Resp: 590717
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.6 23.4



#80
 Nitrobenzene
 Concen: 46.18 ug/l
 RT: 12.87 min Scan# 3819
 Delta R.T. 0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

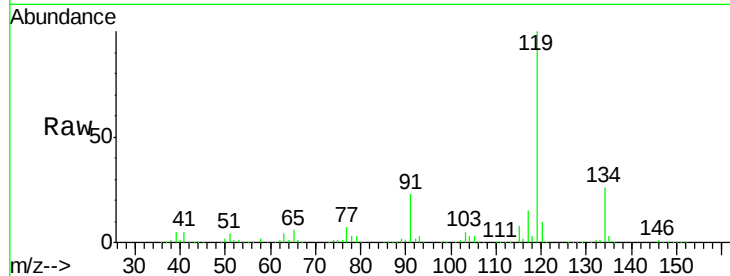
Tgt Ion: 77 Resp: 16468
 Ion Ratio Lower Upper
 77 100
 123 47.4 19.4 68.6
 65 12.3 11.2 14.2



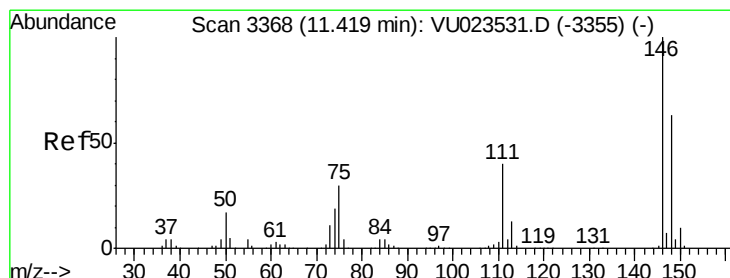
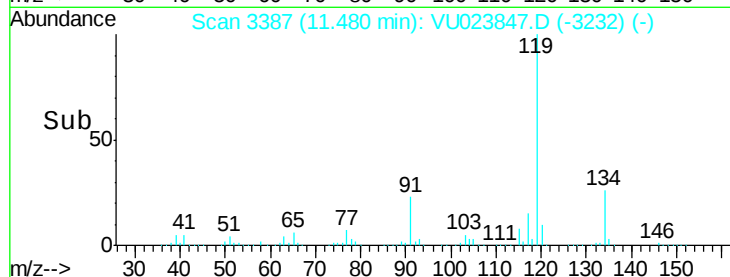
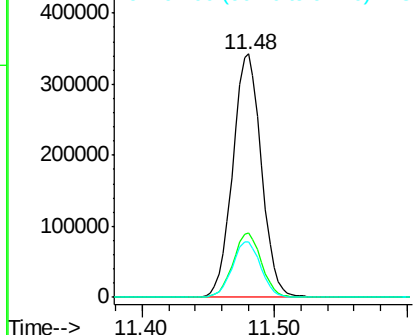


#81
 p-Isopropyltoluene
 Concen: 12.53 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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

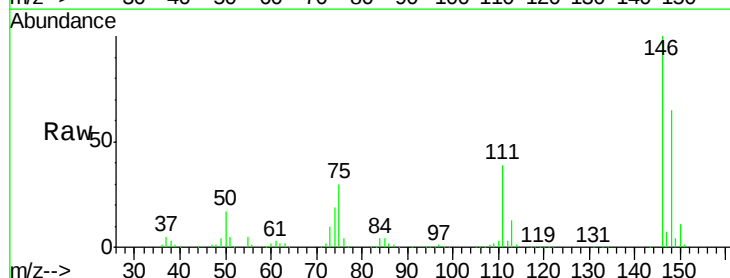


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

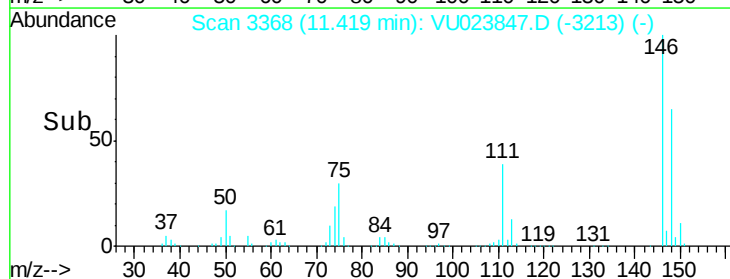
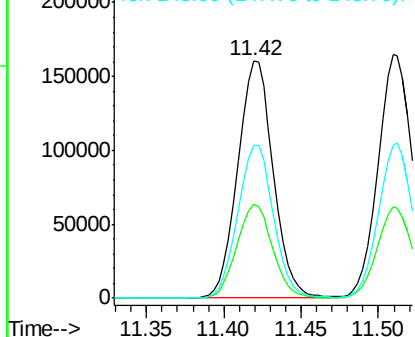


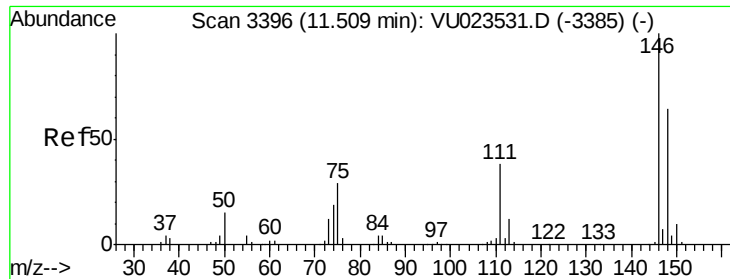
#82
 1,3-Dichlorobenzene
 Concen: 11.48 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.8	47.6
148	64.8	51.0	76.4



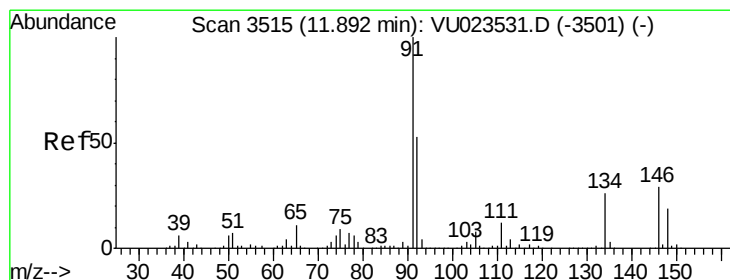
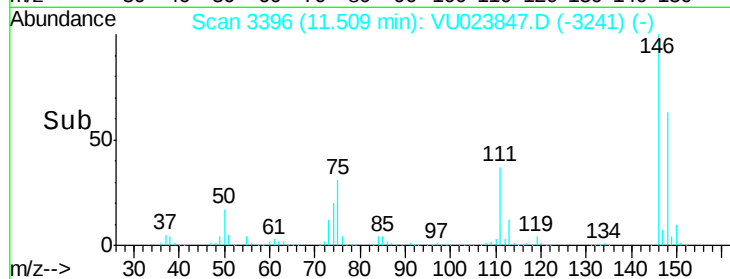
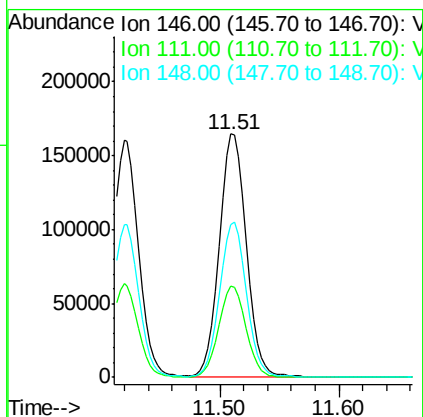
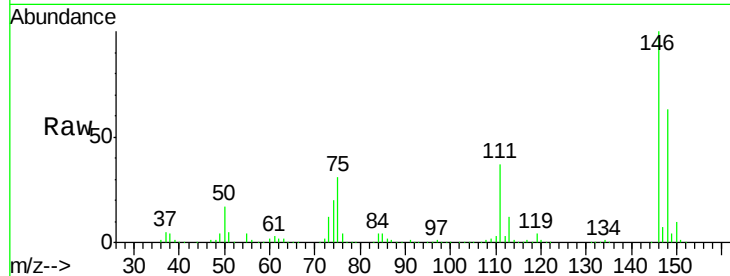
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





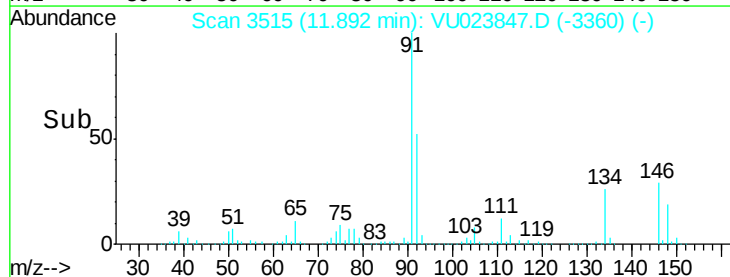
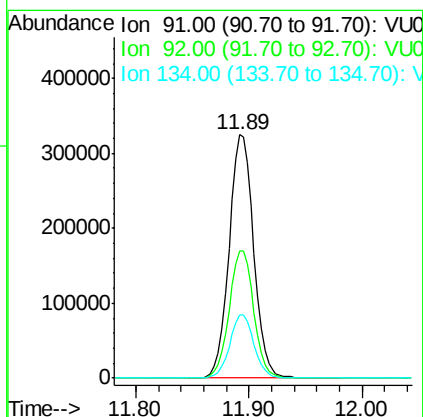
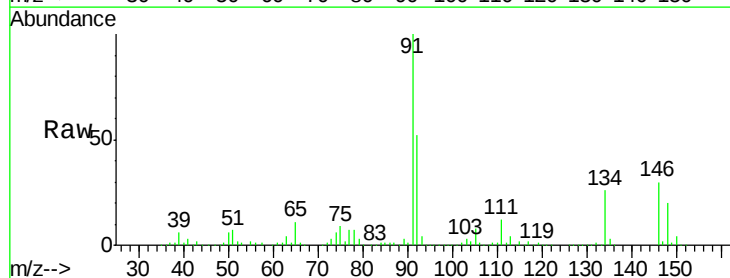
#83
 1,4-Dichlorobenzene
 Concen: 11.67 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

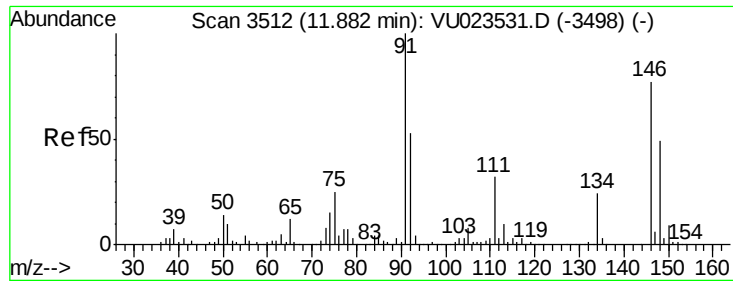
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	30.1	45.1
148	63.5	50.6	76.0



#84
 n-Butylbenzene
 Concen: 12.28 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	Ratio	Lower	Upper
91	100		
92	52.4	42.2	63.2
134	25.6	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 11.60 ug/l

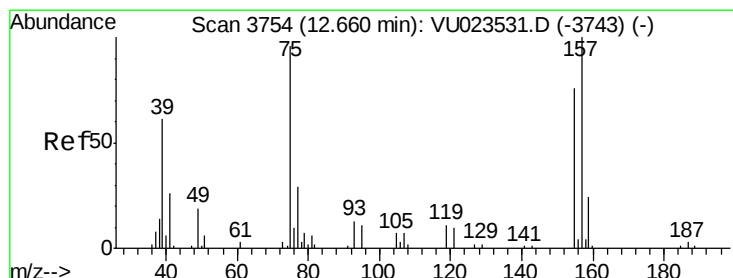
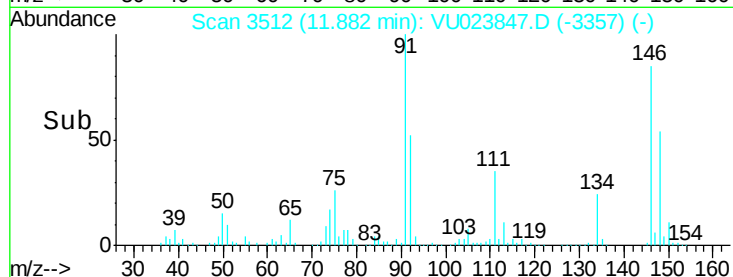
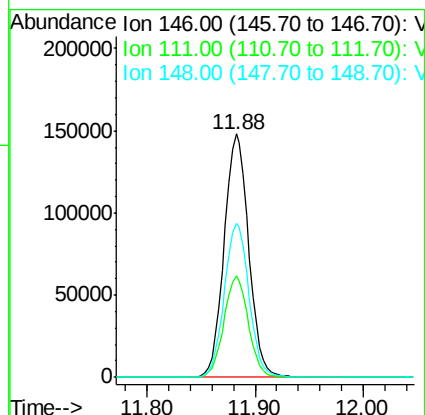
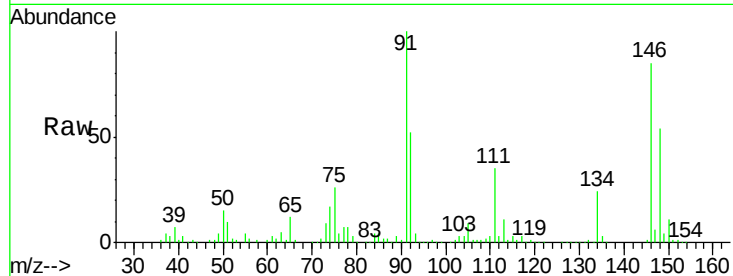
RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

Tgt Ion:	146	Resp:	233977
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	63.7	31.9	95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 13.11 ug/l

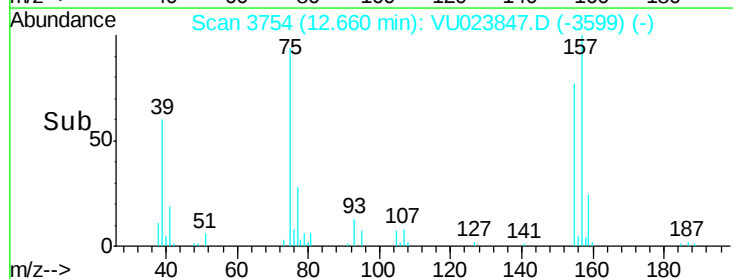
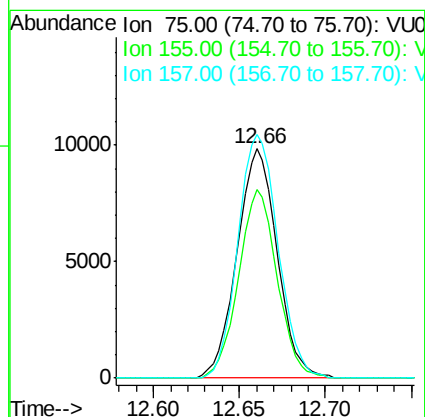
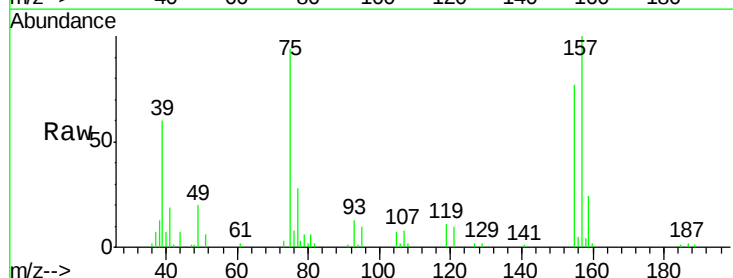
RT: 12.66 min Scan# 3754

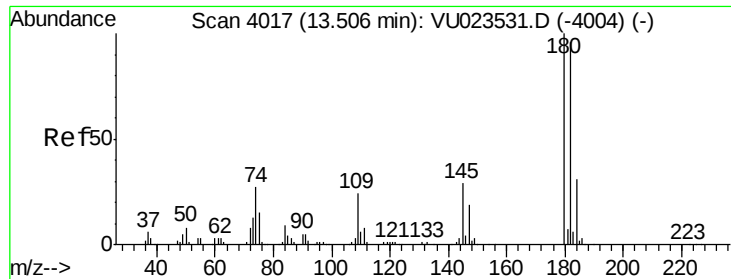
Delta R.T. -0.00 min

Lab File: VU023847.D

Acq: 14 May 2018 10:48

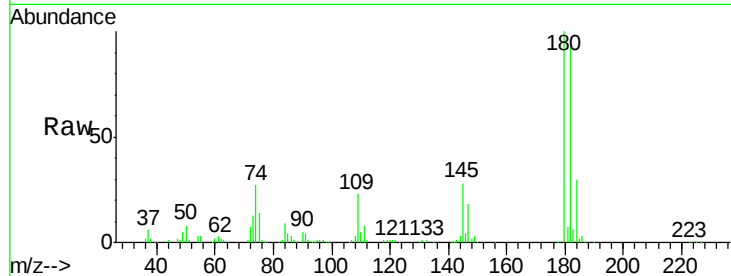
Tgt Ion:	75	Resp:	16006
Ion	Ratio	Lower	Upper
75	100		
155	78.8	65.8	98.6
157	106.3	83.5	125.3



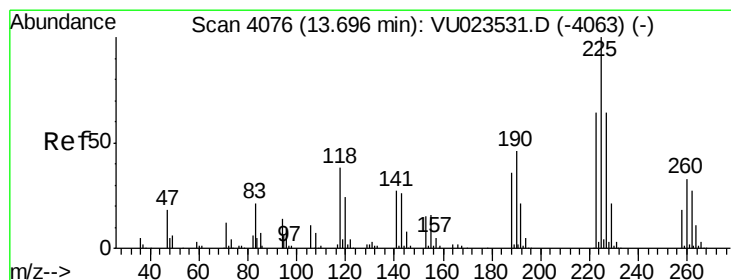
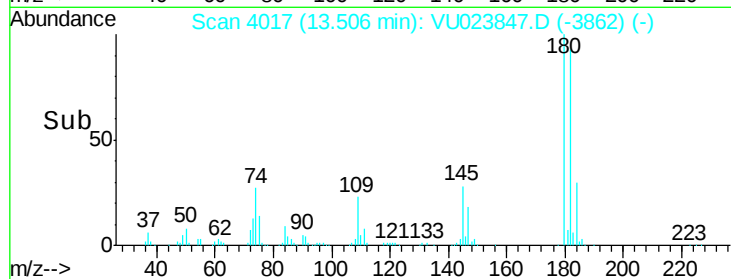
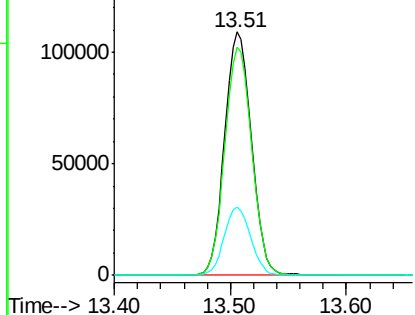


#87
 1,2,4-Trichlorobenzene
 Concen: 11.92 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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

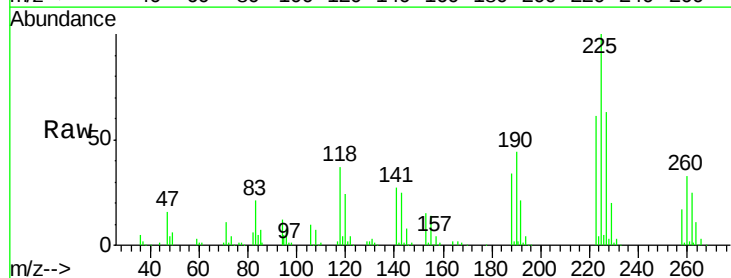


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

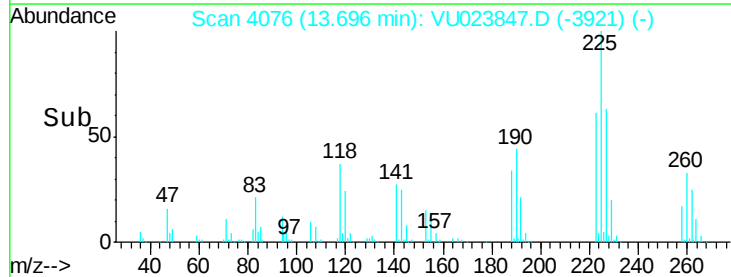
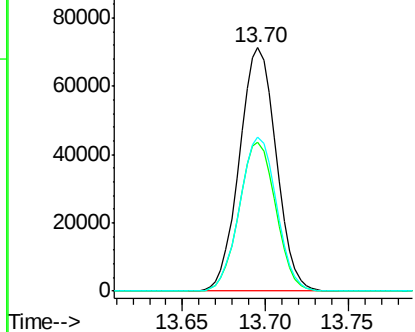


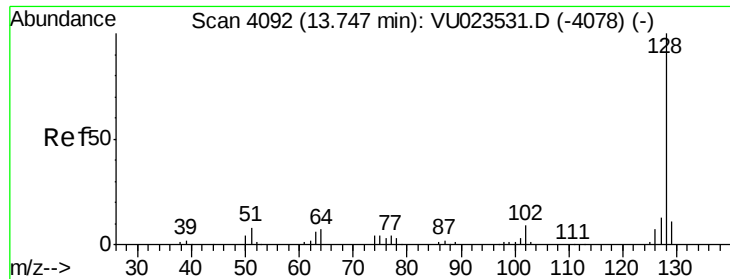
#88
 Hexachlorobutadiene
 Concen: 12.45 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU023847.D
 Acq: 14 May 2018 10:48

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



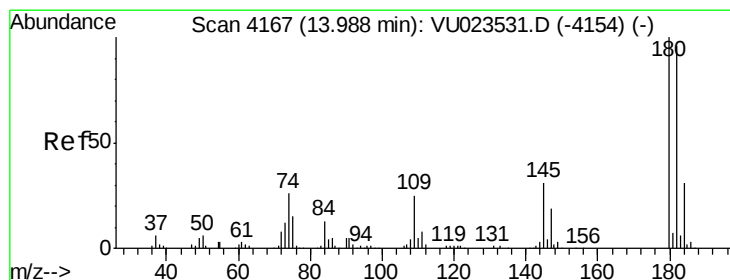
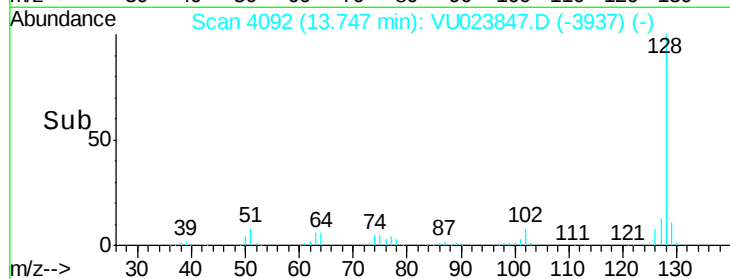
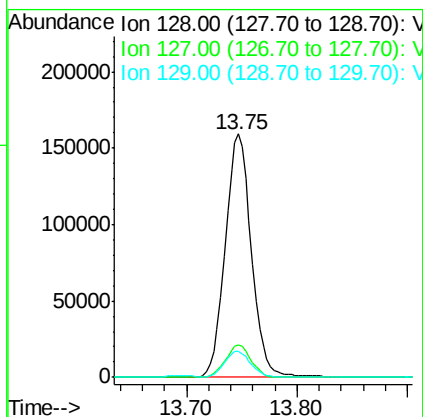
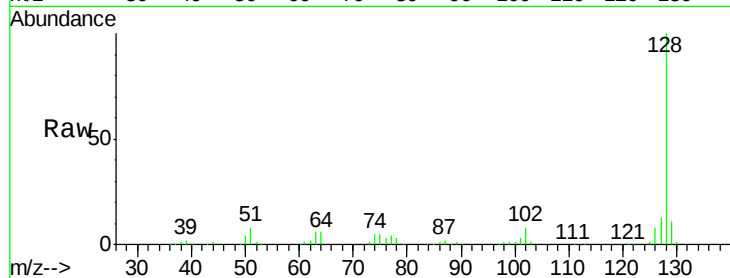
Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 11.89 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023847.D
Acq: 14 May 2018 10:48

Tgt 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: 11.76 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

