

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023680.D
 Acq On : 05 May 2018 20:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 01:04:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149058	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	76729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43690	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.68	69	37311	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	87169	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.20	46	157656	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.65	84	95236	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.32	65	51593	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	185662	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.34	67	62181	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.57	98	170755	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	21479	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.32	63	125013	50.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51242	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	66610	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71617	5.09	ug/L	100
3) Chloromethane	1.33	50	72429	4.74	ug/L	99
5) Vinyl chloride	1.40	62	72486	5.20	ug/L	96
6) Bromomethane	1.63	94	23888	3.21	ug/L	100
8) Chloroethane	1.70	64	42113	4.95	ug/L	95
9) Trichlorofluoromethane	1.89	101	85504	5.45	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49940	5.39	ug/L	99
12) 1,1-Dichloroethene	2.28	96	46195	5.26	ug/L	97
13) Acetone	2.32	43	90294	50.52	ug/L	99
14) Carbon disulfide	2.48	76	158282	5.00	ug/L	100
15) Methyl Acetate	2.62	43	26292	5.23	ug/L	100
16) Methylene chloride	2.70	84	52259	5.19	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	121887	5.39	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	50071	5.16	ug/L	98
19) 1,1-Dichloroethane	3.45	63	107813	5.86	ug/L	99
21) 2-Butanone	4.28	43	166936	50.50	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	59760	5.18	ug/L	96

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\
 Data File : VU023680.D
 Acq On : 05 May 2018 20:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 06 01:04:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

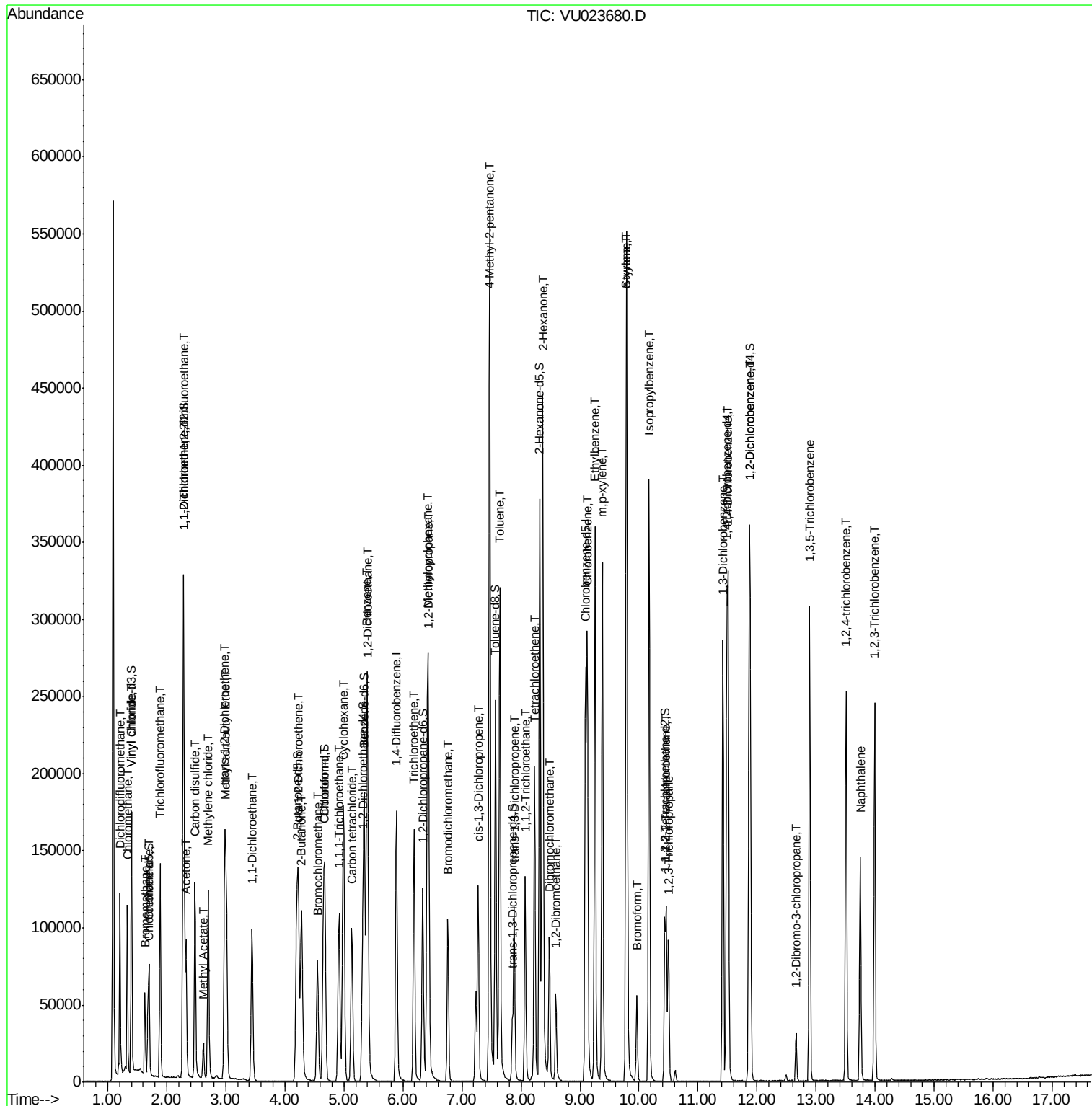
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

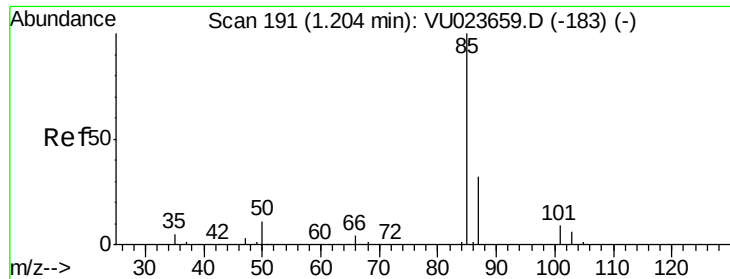
23) Bromochloromethane	4.55	128	26117	5.24	ug/L	98
25) Chloroform	4.68	83	103593	5.20	ug/L	98
27) 1,2-Dichloroethane	5.41	62	66571	5.24	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	84355	5.22	ug/L	99
30) Cyclohexane	4.99	56	88277	4.81	ug/L	100
31) Carbon tetrachloride	5.13	117	73038	5.43	ug/L	99
33) Benzene	5.39	78	232777	5.17	ug/L	100
34) Trichloroethene	6.19	95	58749	5.01	ug/L	99
35) Methylcyclohexane	6.42	83	82667	4.65	ug/L	98
37) 1,2-Dichloropropane	6.44	63	64031	5.11	ug/L	99
38) Bromodichloromethane	6.76	83	71673	5.21	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	75823	4.85	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	392101	51.37	ug/L	99
42) Toluene	7.64	91	244826	5.34	ug/L	99
44) trans-1,3-Dichloropropene	7.89	75	62364	4.89	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	41398	5.27	ug/L	97
47) Tetrachloroethene	8.23	164	48834	5.26	ug/L	97
48) 2-Hexanone	8.37	43	292934	52.99	ug/L	99
49) Dibromochloromethane	8.48	129	46872	5.21	ug/L	96
50) 1,2-Dibromoethane	8.59	107	38930	5.31	ug/L	95
51) Chlorobenzene	9.12	112	156509	5.20	ug/L	99
52) Ethylbenzene	9.25	91	248157	5.09	ug/L	100
53) m,p-xylene	9.38	106	97298	5.32	ug/L	97
54) o-xylene	9.78	106	91721	5.30	ug/L	100
55) Styrene	9.80	104	164140	5.41	ug/L	99
56) Isopropylbenzene	10.17	105	242498	5.29	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	53549	5.12	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	38446	5.21	ug/L	99
61) Bromoform	9.96	173	25489	4.91	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	118432	5.10	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	125165	5.11	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	118777	5.24	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	8191	5.35	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	98413	4.97	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	80633	4.95	ug/L	99
69) Naphthalene	13.75	128	118252	4.77	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	79099	5.17	ug/L	100

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

```
Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050518\  
Data File : VU023680.D  
Acq On    : 05 May 2018   20:59  
Operator  : MD/SY  
Sample    : VSTDCCC005EC  
Misc      : 25.0mL/MSVOA_U/WATER  
ALS Vial  : 24      Sample Multiplier: 1
```

Quant Time: May 06 01:04:59 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun May 06 01:00:29 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.09 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023680.D

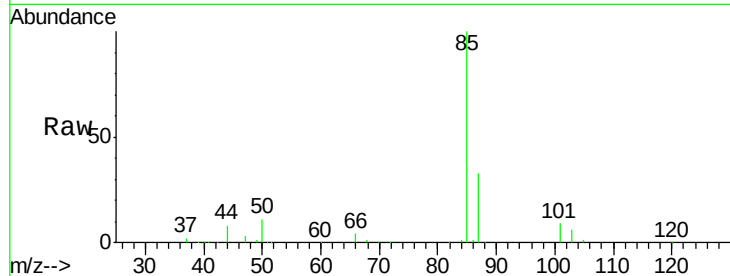
Acq: 05 May 2018 20:59

Tgt Ion: 85 Resp: 71617

Ion Ratio Lower Upper

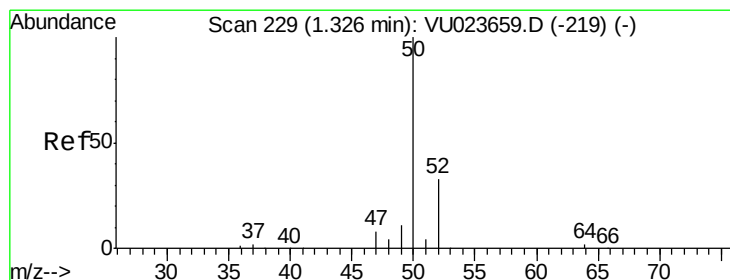
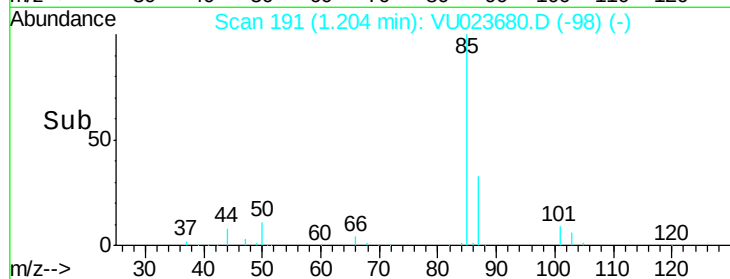
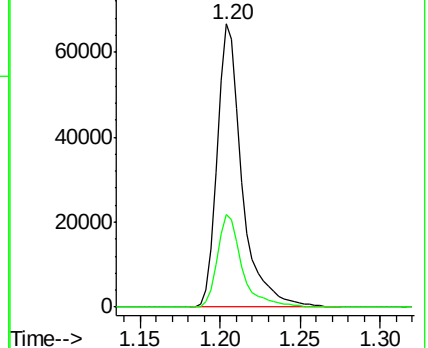
85 100

87 32.5 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 4.74 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU023680.D

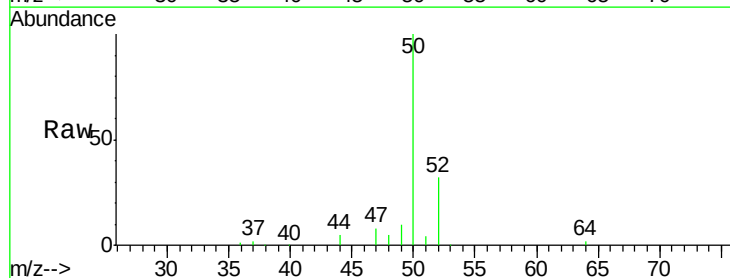
Acq: 05 May 2018 20:59

Tgt Ion: 50 Resp: 72429

Ion Ratio Lower Upper

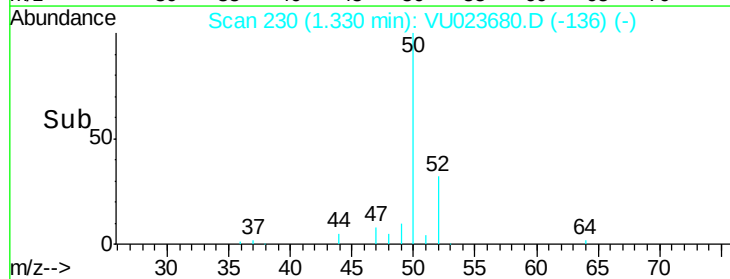
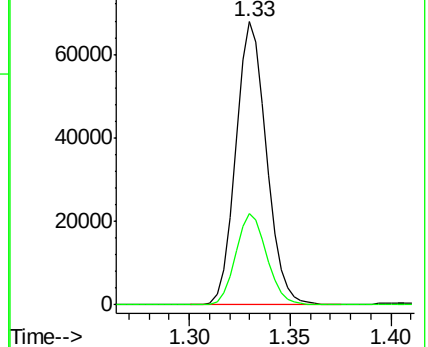
50 100

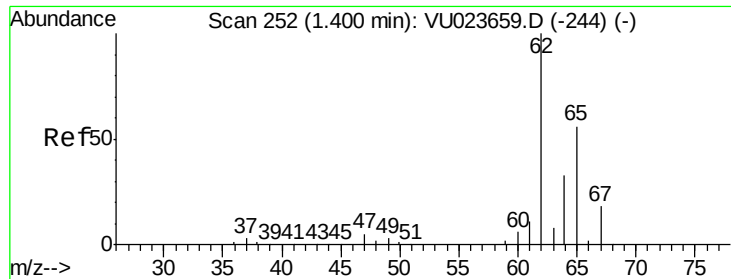
52 32.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#5

Vinyl chloride

Concen: 5.20 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023680.D

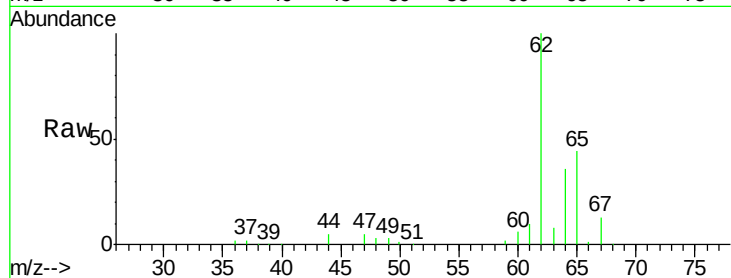
Acq: 05 May 2018 20:59

Tgt Ion: 62 Resp: 72486

Ion Ratio Lower Upper

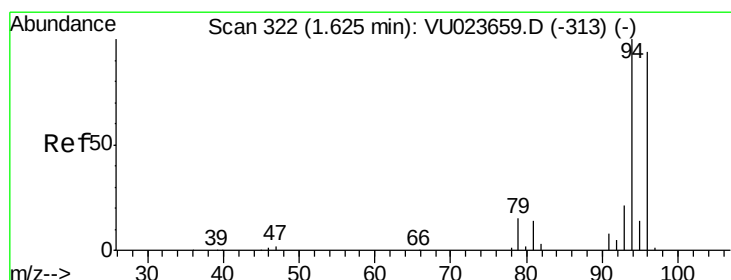
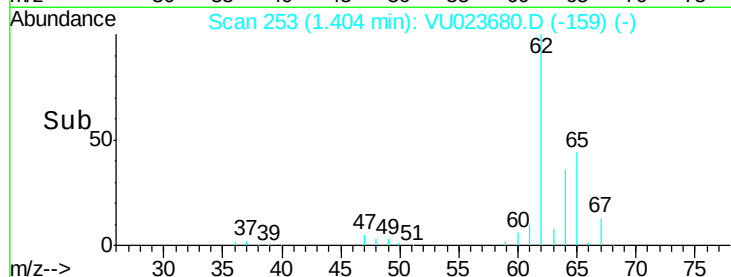
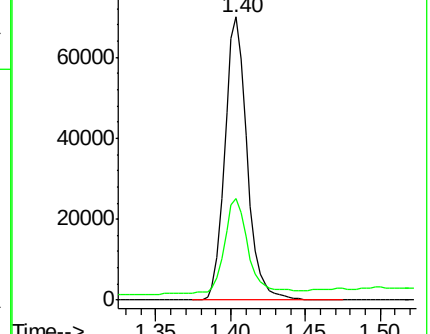
62 100

64 35.9 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#6

Bromomethane

Concen: 3.21 ug/L

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU023680.D

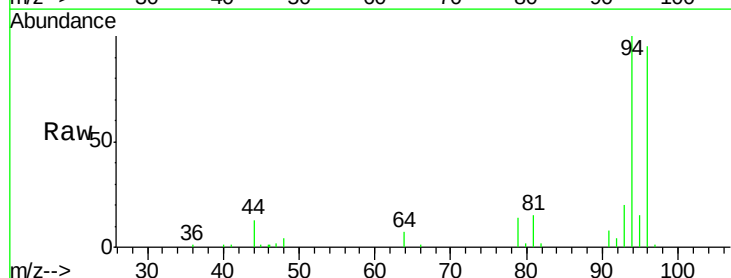
Acq: 05 May 2018 20:59

Tgt Ion: 94 Resp: 23888

Ion Ratio Lower Upper

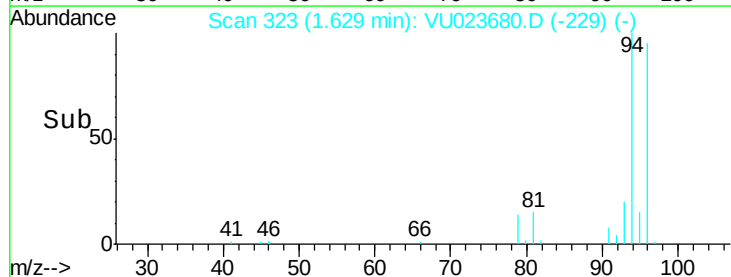
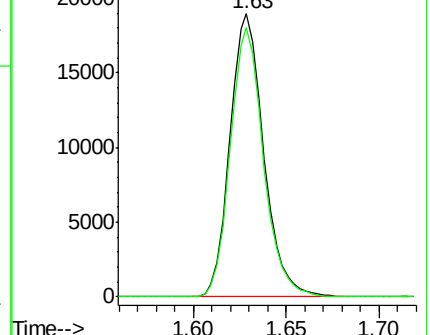
94 100

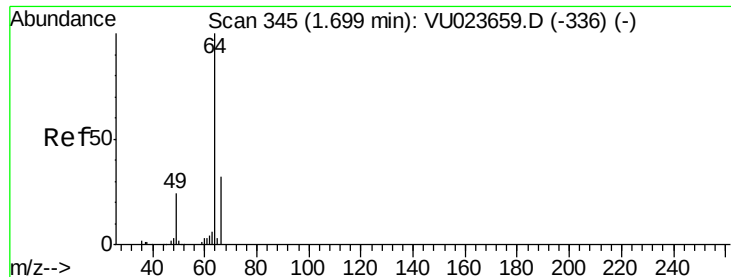
96 95.1 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#8

Chloroethane

Concen: 4.95 ug/L

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU023680.D

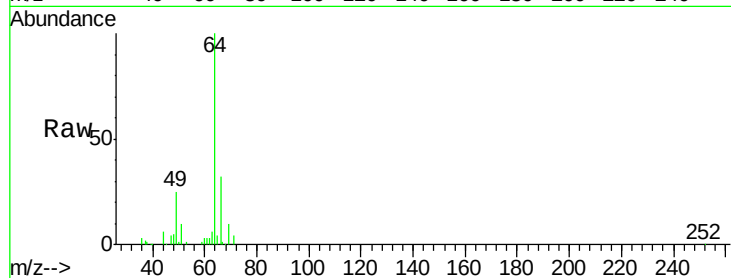
Acq: 05 May 2018 20:59

Tgt Ion: 64 Resp: 42113

Ion Ratio Lower Upper

64 100

66 32.0 20.6 38.2



Abundance Ion 64.10 (63.80 to 64.80): VU023659.D (-336) (-)

Ion 66.05 (65.75 to 66.75): VU023659.D (-336) (-)

1.70

40000

30000

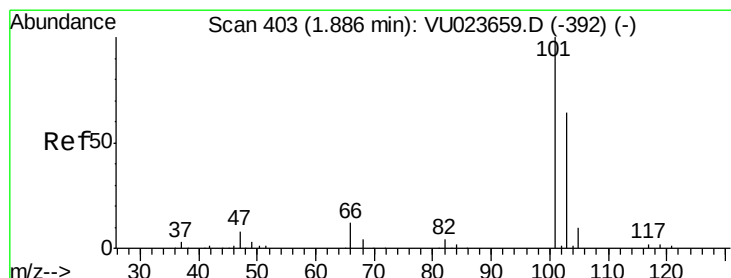
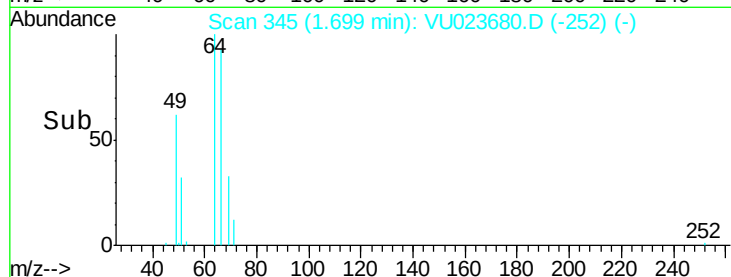
20000

10000

0

Time-->

1.65 1.70 1.75



#9

Trichlorofluoromethane

Concen: 5.45 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU023680.D

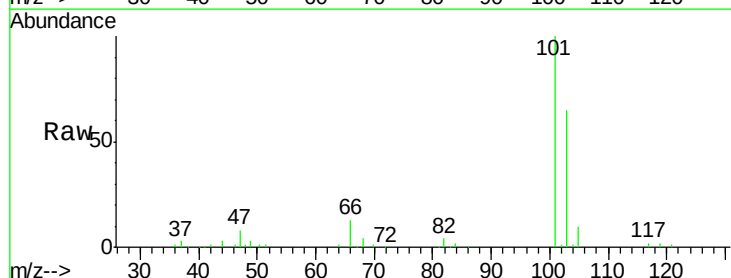
Acq: 05 May 2018 20:59

Tgt Ion: 101 Resp: 85504

Ion Ratio Lower Upper

101 100

103 66.0 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): VU023659.D (-392) (-)

Ion 103.00 (102.70 to 103.70): VU023659.D (-392) (-)

1.89

60000

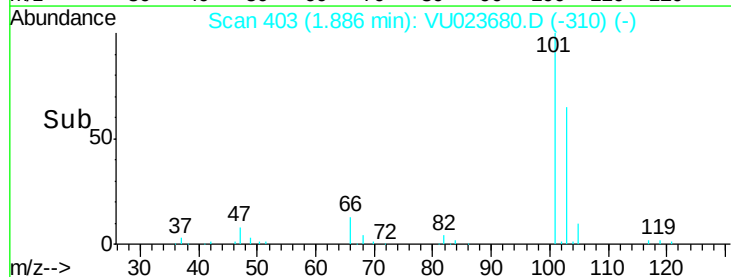
40000

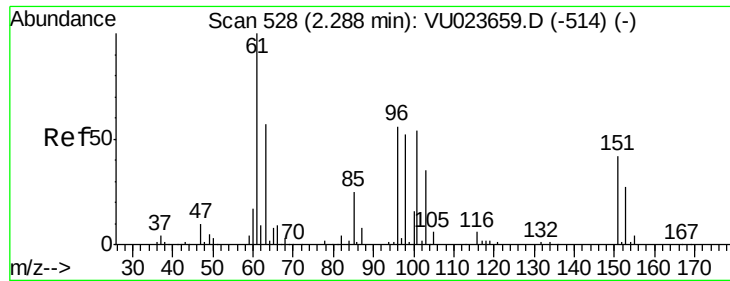
20000

0

Time-->

1.85 1.90 1.95





#10

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

Concen: 5.39 ug/L

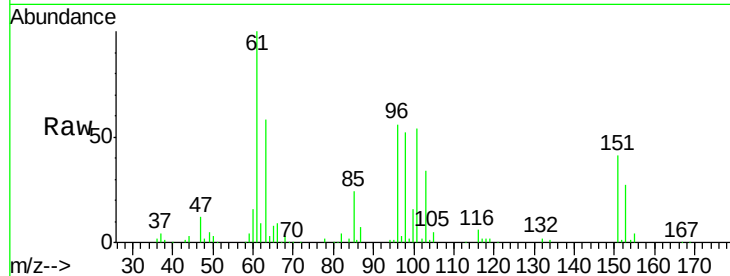
RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

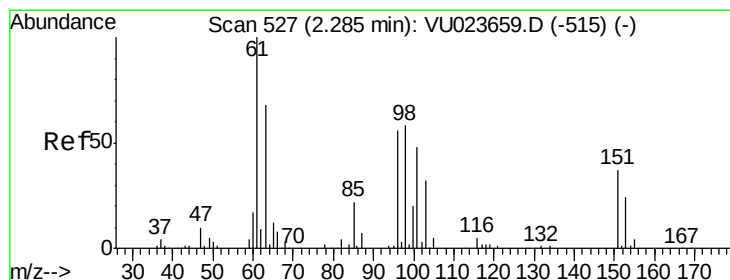
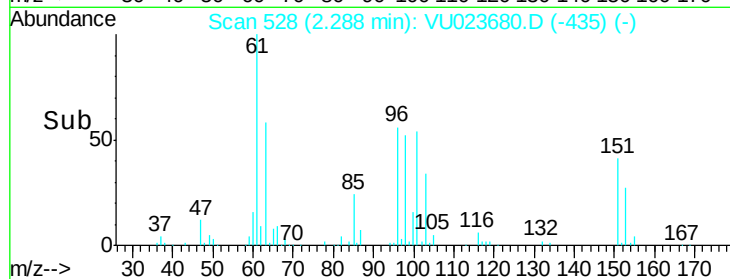
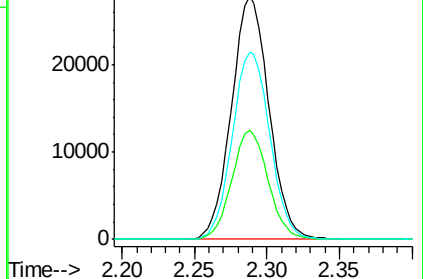
Tgt Ion:	101	Resp:	49940
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.5	51.7
151	77.1	62.9	94.3



Abundance Ion 101.00 (100.70 to 101.70): VU023659.D (-514) (-)

Ion 85.00 (84.70 to 85.70): VU023659.D (-514) (-)

Ion 151.00 (150.70 to 151.70): VU023659.D (-514) (-)



#12

1,1-Dichloroethene

Concen: 5.26 ug/L

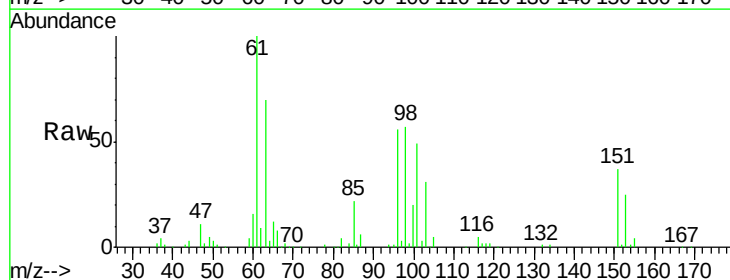
RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

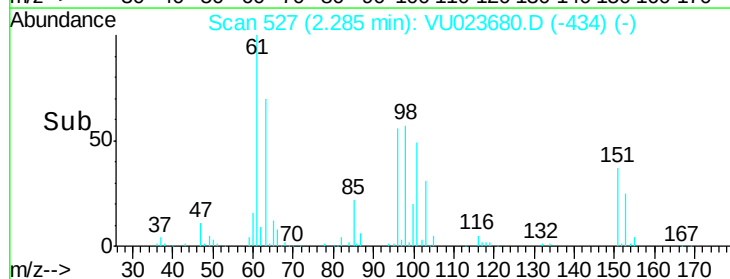
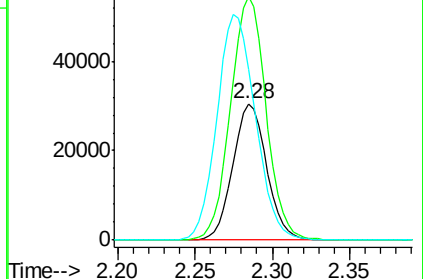
Tgt Ion:	96	Resp:	46195
Ion	Ratio	Lower	Upper
96	100		
61	178.5	127.4	236.6
63	124.7	84.8	157.4

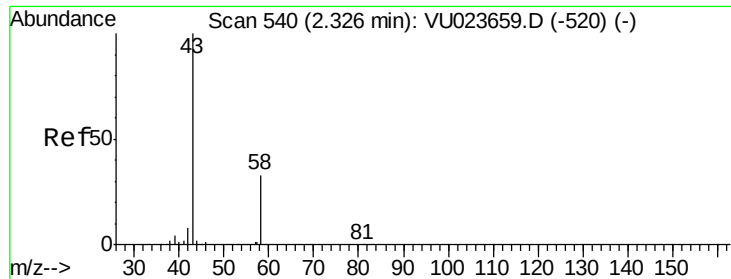


Abundance Ion 96.00 (95.70 to 96.70): VU023659.D (-515) (-)

Ion 61.05 (60.75 to 61.75): VU023659.D (-515) (-)

Ion 63.00 (62.70 to 63.70): VU023659.D (-515) (-)





#13

Acetone

Concen: 50.52 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023680.D

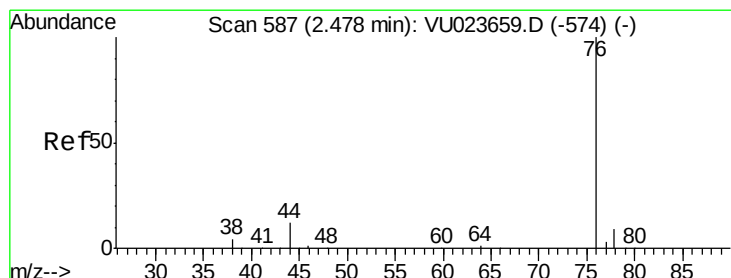
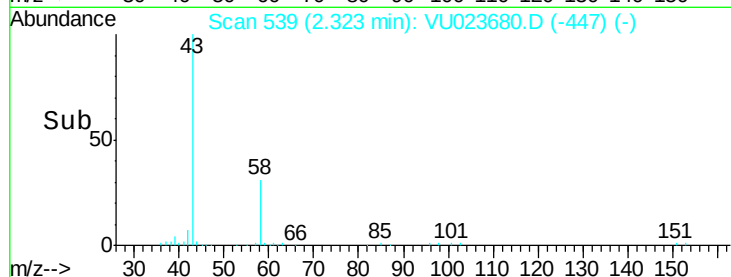
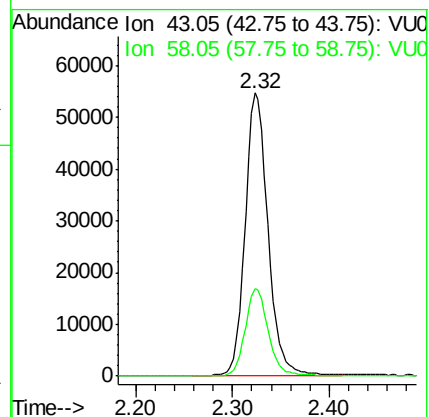
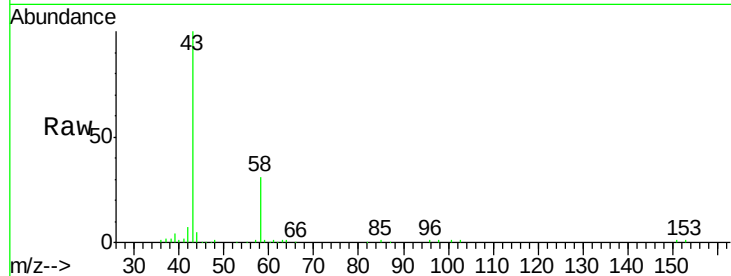
Acq: 05 May 2018 20:59

Tgt Ion: 43 Resp: 90294

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.8



#14

Carbon disulfide

Concen: 5.00 ug/L

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU023680.D

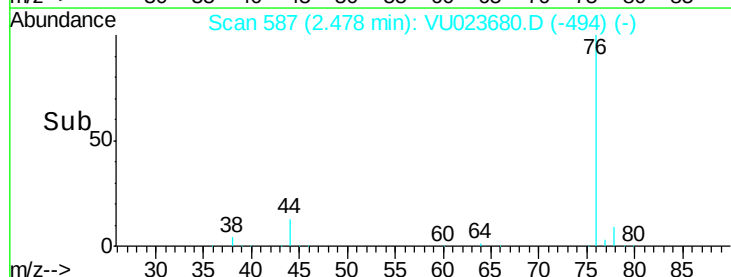
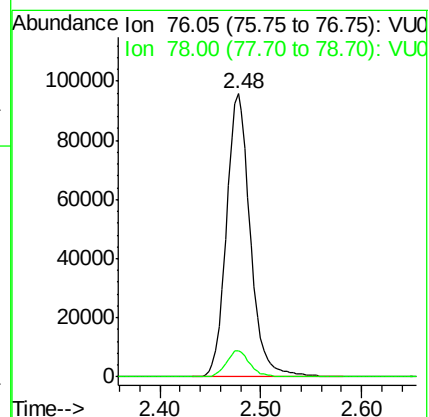
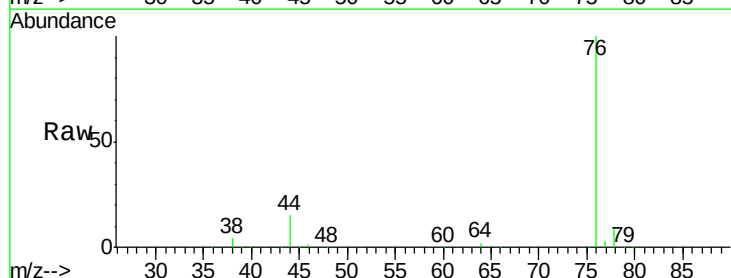
Acq: 05 May 2018 20:59

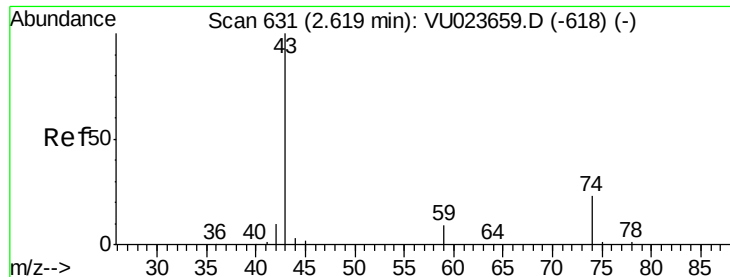
Tgt Ion: 76 Resp: 158282

Ion Ratio Lower Upper

76 100

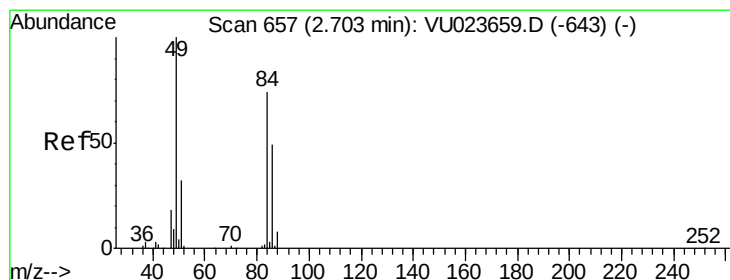
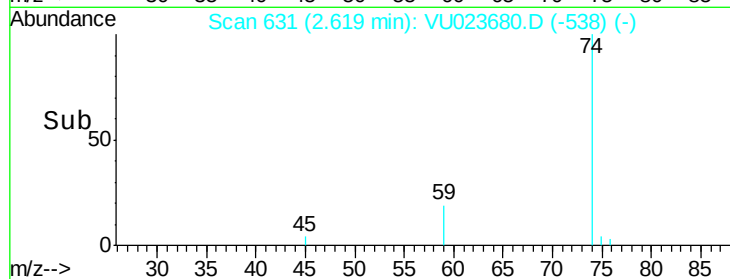
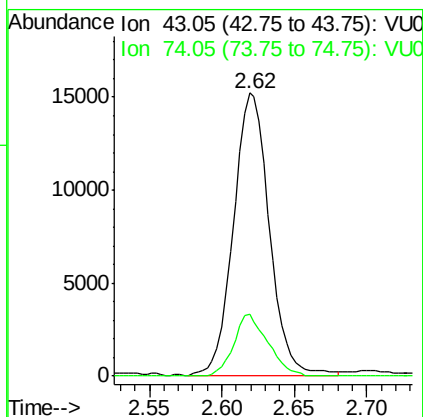
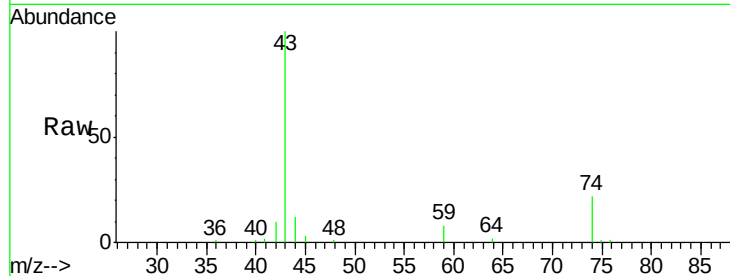
78 9.4 7.5 11.3





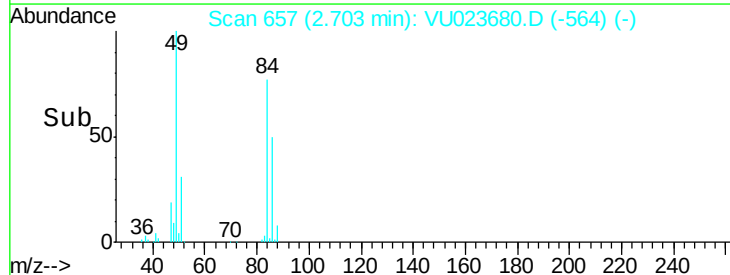
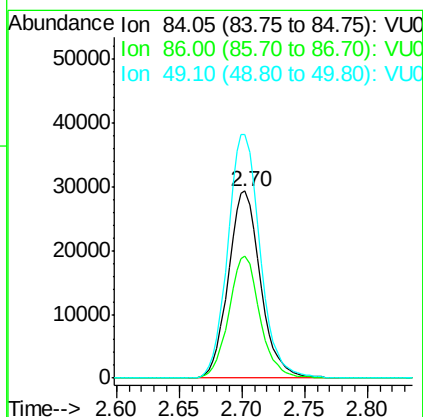
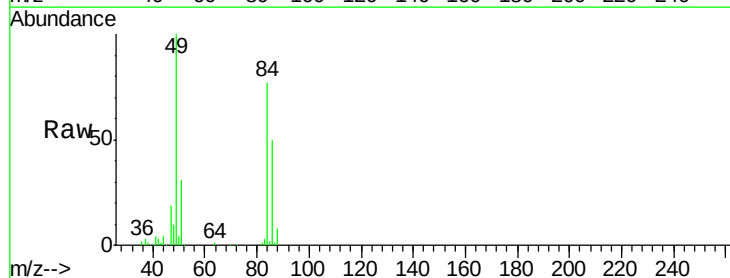
#15
Methyl Acetate
Concen: 5.23 ug/L
RT: 2.62 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

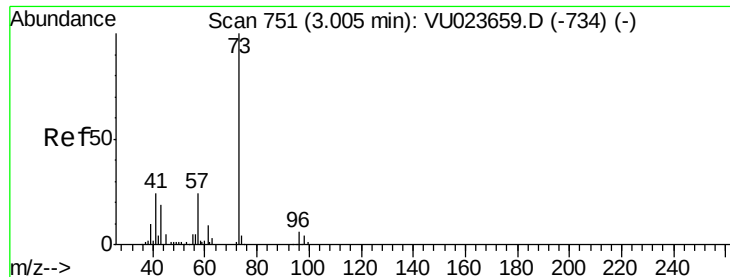
Tgt Ion: 43 Resp: 26292
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8



#16
Methylene chloride
Concen: 5.19 ug/L
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

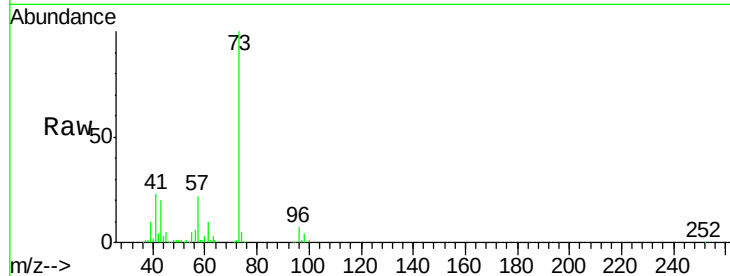
Tgt Ion: 84 Resp: 52259
Ion Ratio Lower Upper
84 100
86 65.5 46.0 85.4
49 130.0 96.0 178.4



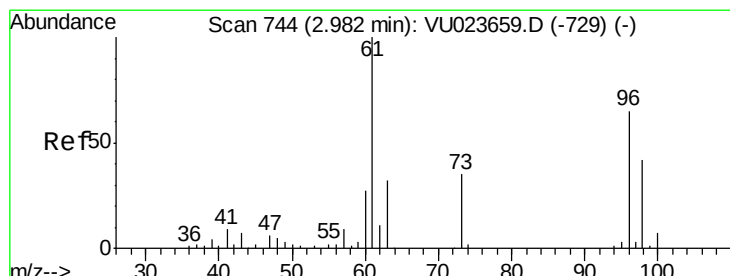
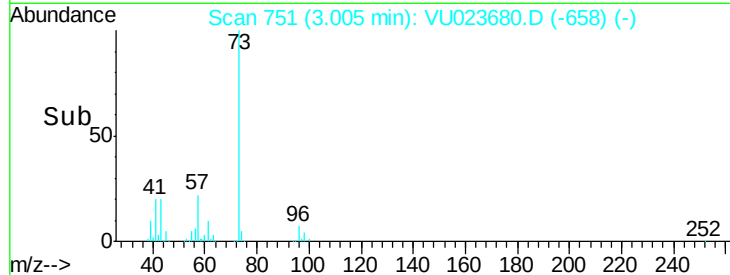
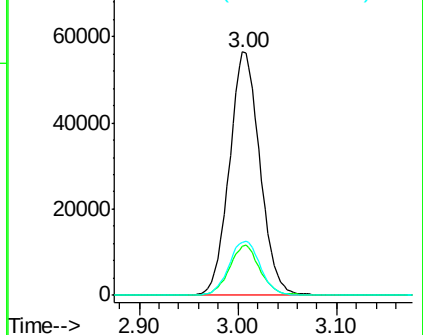


#17
Methyl tert-butyl Ether
Concen: 5.39 ug/L
RT: 3.00 min Scan# 751
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion: 73 Resp: 121887
Ion Ratio Lower Upper
73 100
43 20.8 16.6 25.0
57 22.8 19.4 29.0

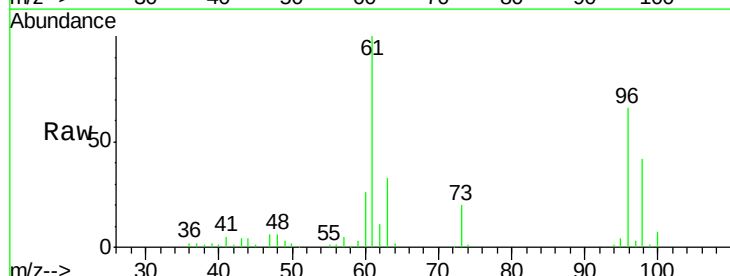


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

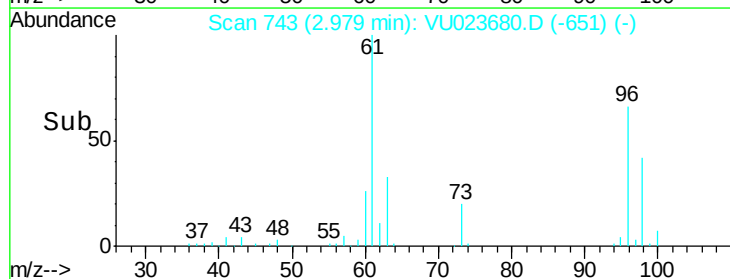
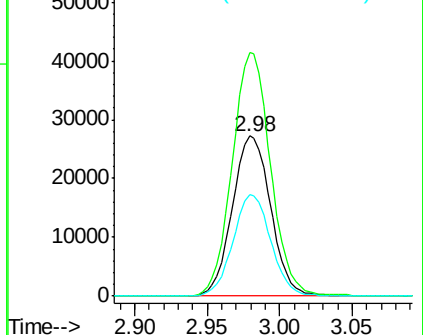


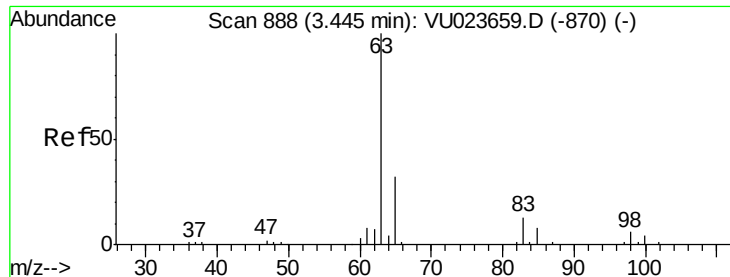
#18
trans-1,2-Dichloroethene
Concen: 5.16 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion: 96 Resp: 50071
Ion Ratio Lower Upper
96 100
61 152.2 109.0 202.4
98 63.2 44.7 83.1



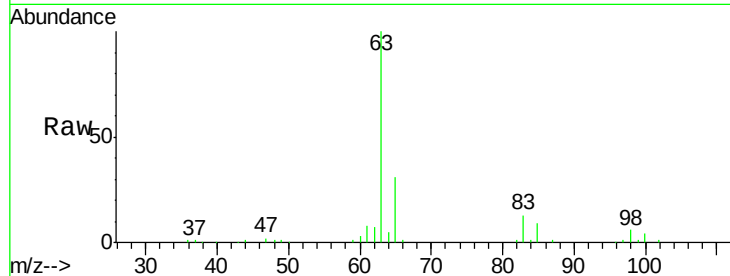
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



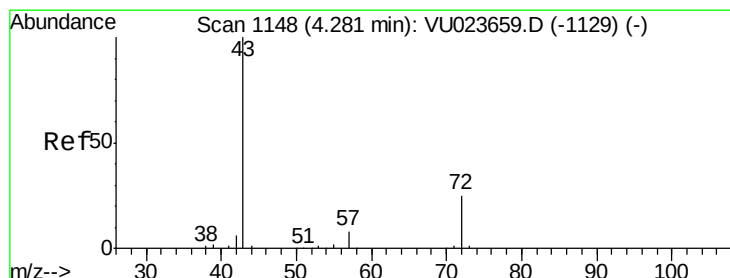
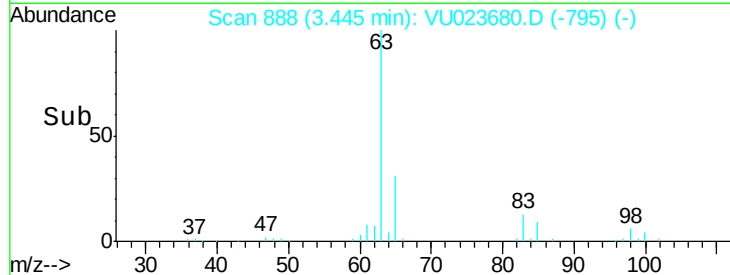
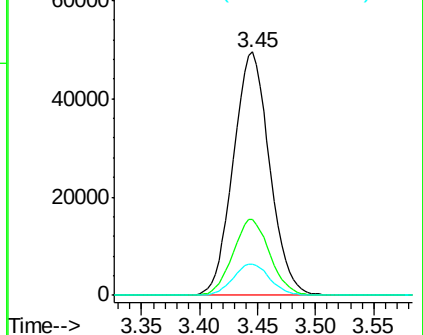


#19
 1,1-Dichloroethane
 Concen: 5.86 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion: 63 Resp: 107813
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.0 41.0
 83 12.8 8.8 16.4

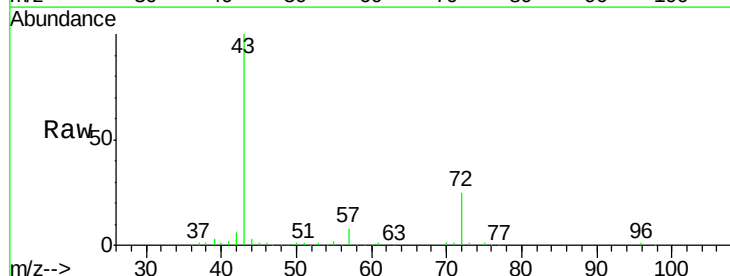


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

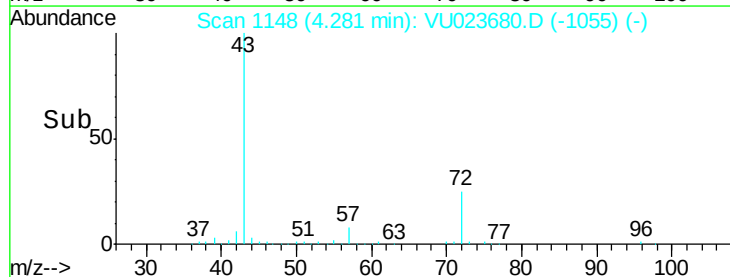
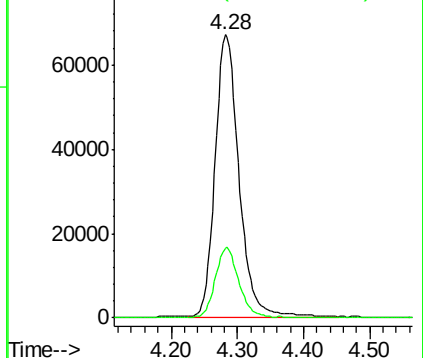


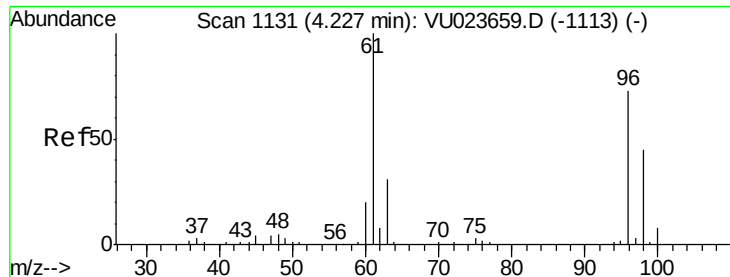
#21
 2-Butanone
 Concen: 50.50 ug/L
 RT: 4.28 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion: 43 Resp: 166936
 Ion Ratio Lower Upper
 43 100
 72 23.7 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 5.18 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

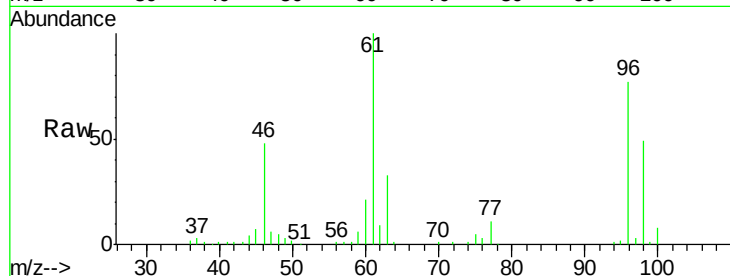
Tgt Ion: 96 Resp: 59760

Ion Ratio Lower Upper

96 100

61 130.5 94.6 175.6

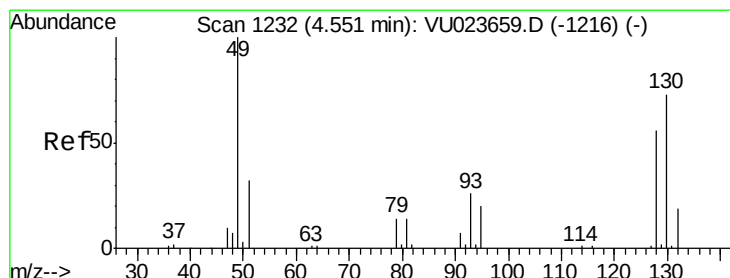
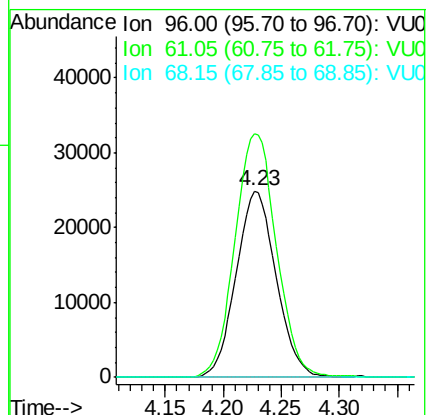
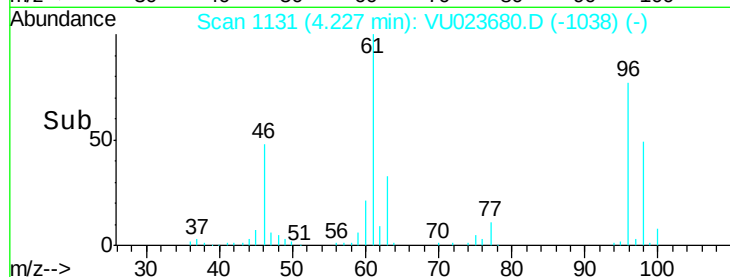
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#23

Bromochloromethane

Concen: 5.24 ug/L

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

Tgt Ion: 128 Resp: 26117

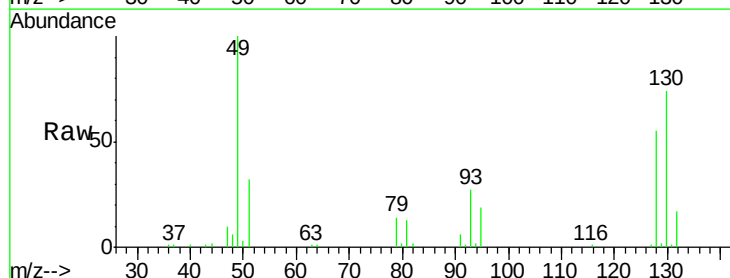
Ion Ratio Lower Upper

128 100

49 180.4 126.5 234.9

130 134.0 90.4 168.0

51 57.8 44.6 66.8

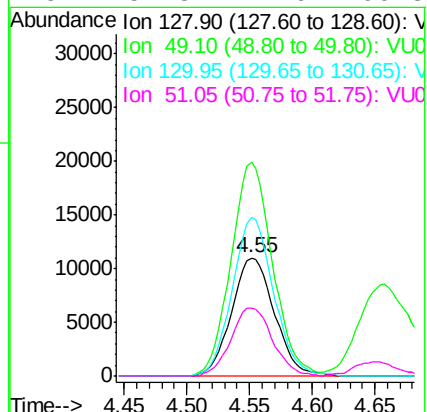
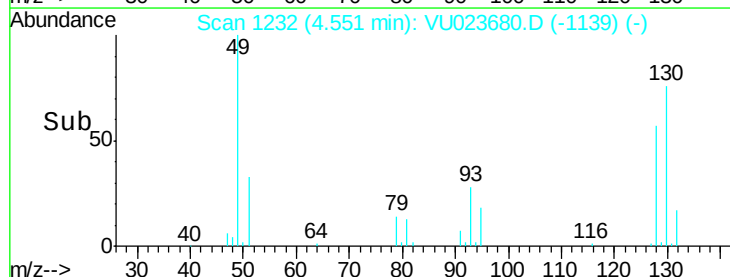


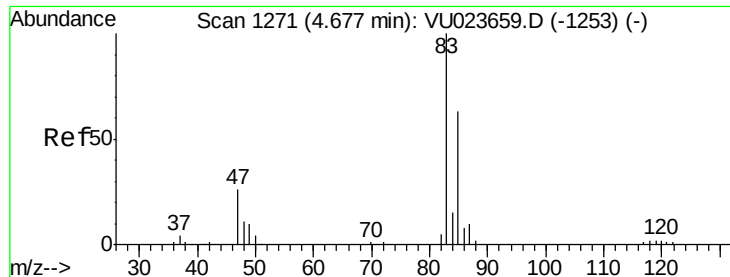
Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VU0

Ion 129.95 (129.65 to 130.65): V

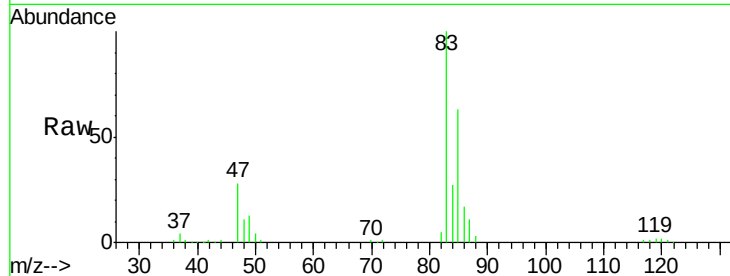
Ion 51.05 (50.75 to 51.75): VU0



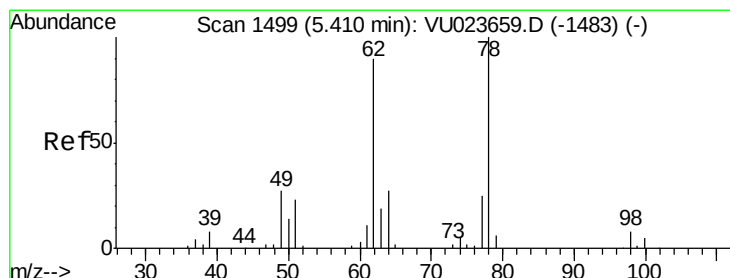
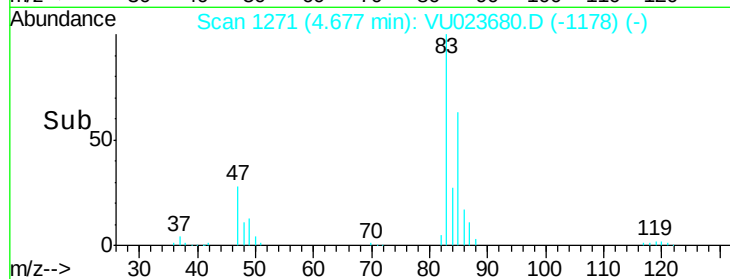
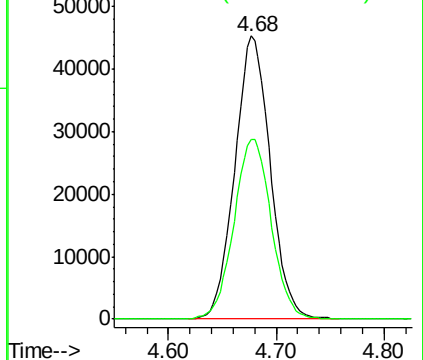


#25
Chloroform
Concen: 5.20 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion: 83 Resp: 103593
Ion Ratio Lower Upper
83 100
85 63.3 45.2 84.0

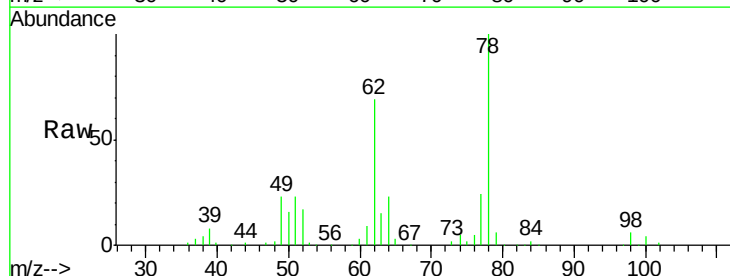


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

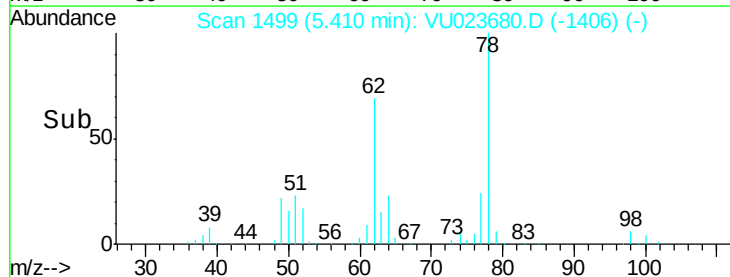
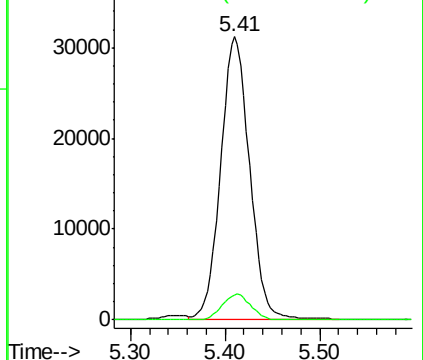


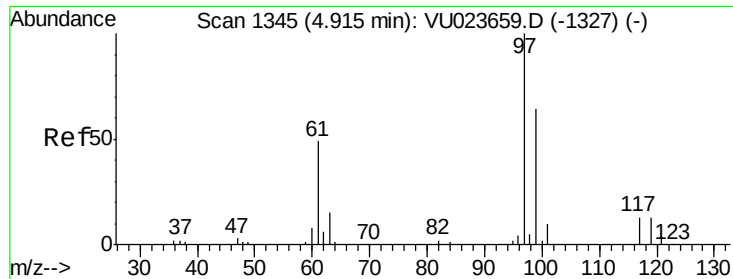
#27
1,2-Dichloroethane
Concen: 5.24 ug/L
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion: 62 Resp: 66571
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#29

1,1,1-Trichloroethane

Concen: 5.22 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

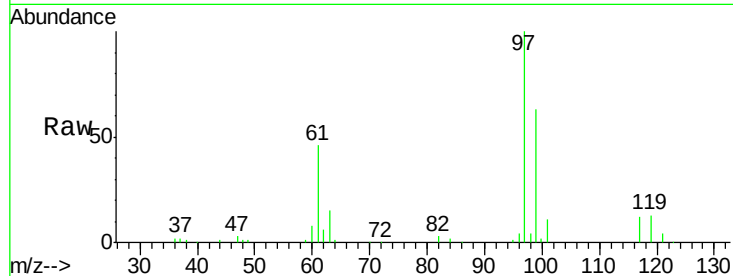
Tgt Ion: 97 Resp: 84355

Ion Ratio Lower Upper

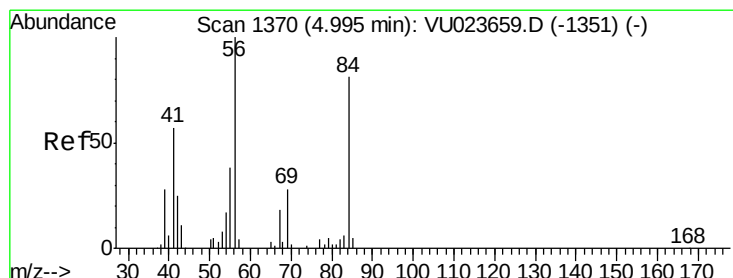
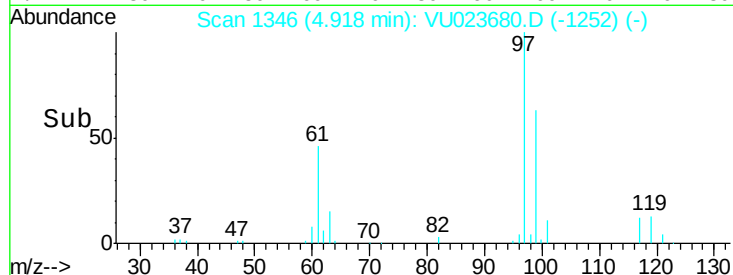
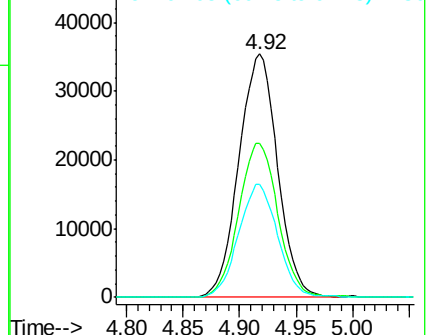
97 100

99 64.5 52.2 78.2

61 46.8 37.8 56.6



Abundance Ion 96.95 (96.65 to 97.65): VU0
Ion 99.05 (98.75 to 99.75): VU0
Ion 61.05 (60.75 to 61.75): VU0



#30

Cyclohexane

Concen: 4.81 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

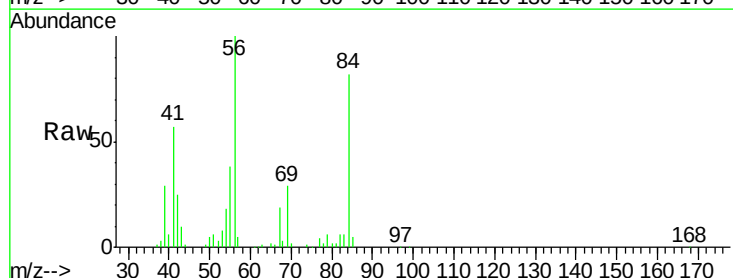
Tgt Ion: 56 Resp: 88277

Ion Ratio Lower Upper

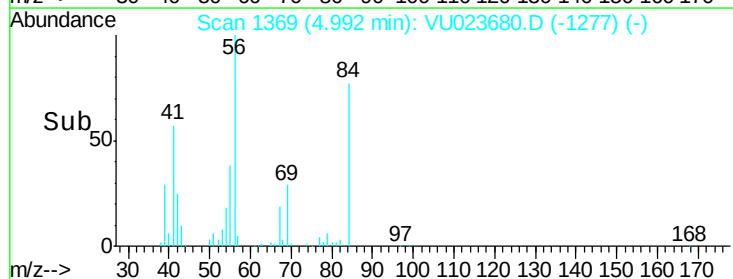
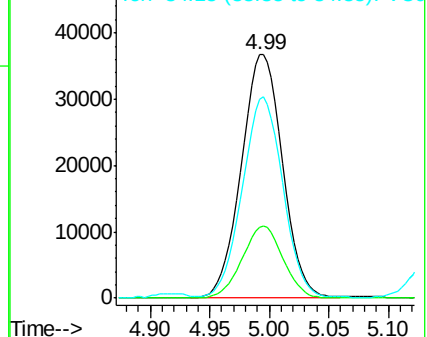
56 100

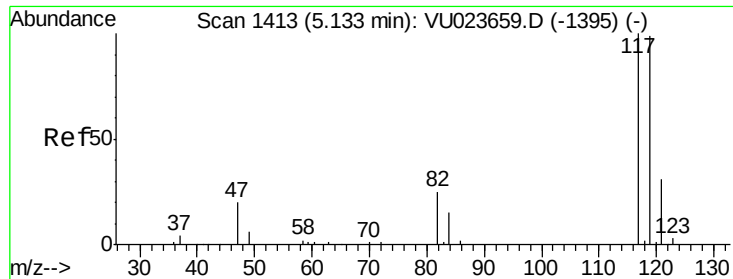
69 29.3 23.6 35.4

84 80.1 64.4 96.6



Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 5.43 ug/L

RT: 5.13 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VU023680.D

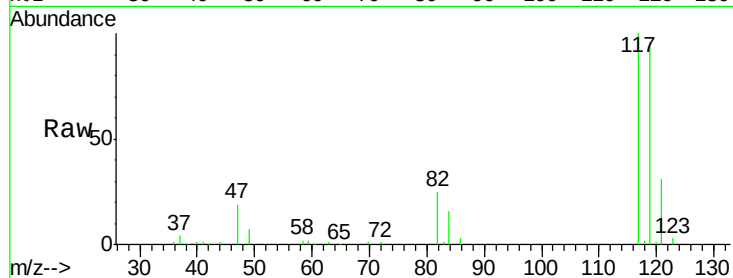
Acq: 05 May 2018 20:59

Tgt Ion: 117 Resp: 73038

Ion Ratio Lower Upper

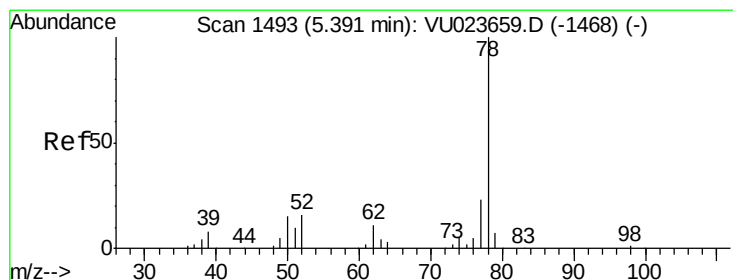
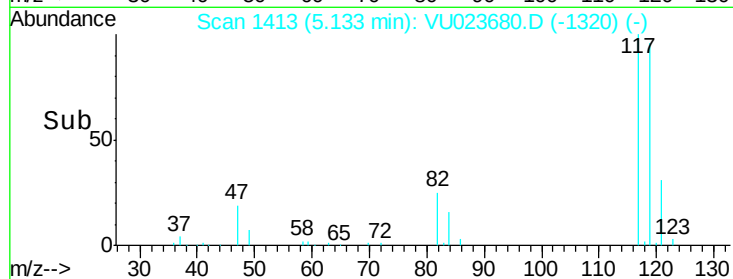
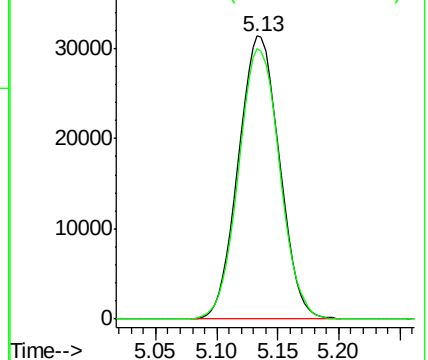
117 100

119 95.8 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.17 ug/L

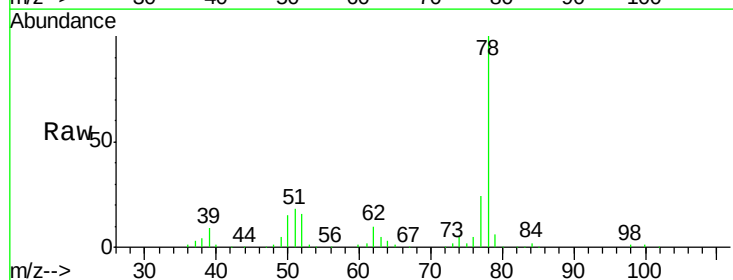
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

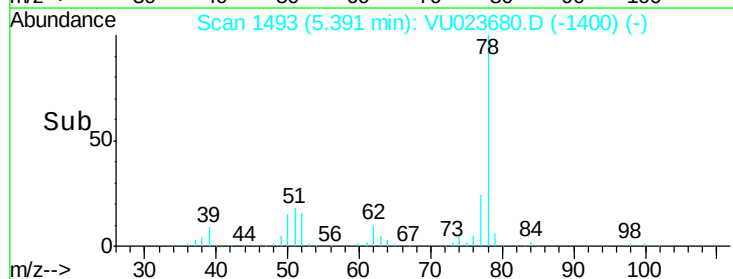
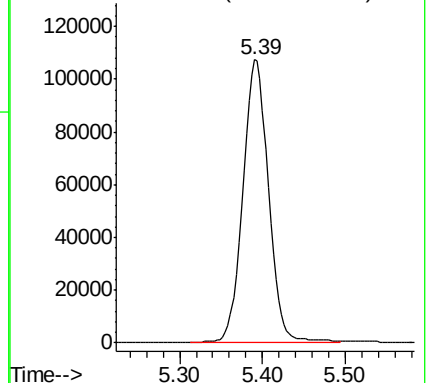
Lab File: VU023680.D

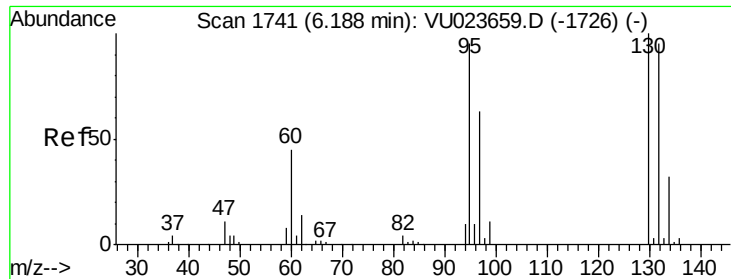
Acq: 05 May 2018 20:59

Tgt Ion: 78 Resp: 232777



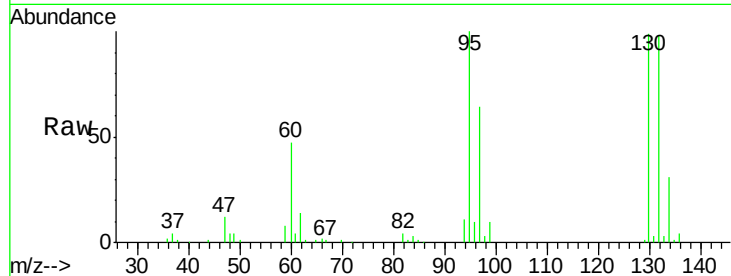
Abundance Ion 78.10 (77.80 to 78.80): VU0



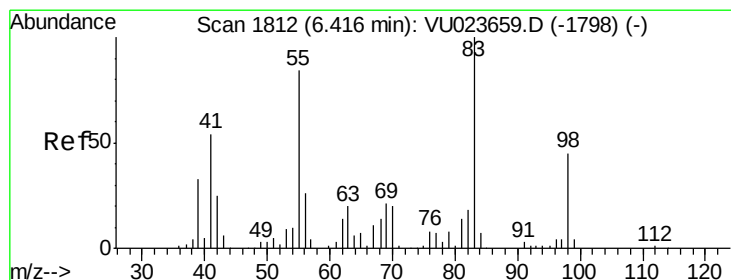
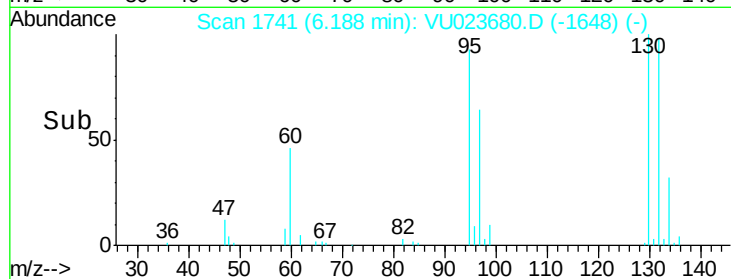
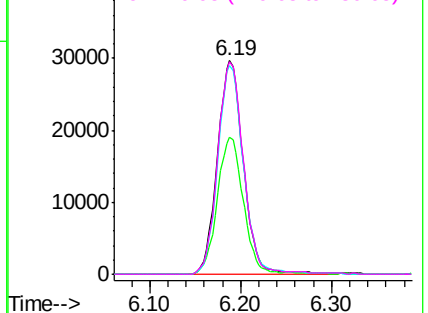


#34
 Trichloroethene
 Concen: 5.01 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	95	Resp:	58749
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.0	85.4
132	97.7	68.1	126.5
130	99.3	70.1	130.1

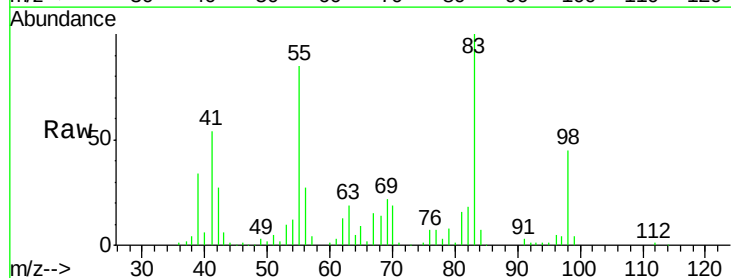


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

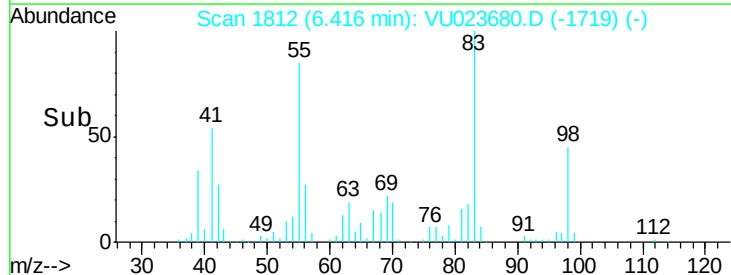
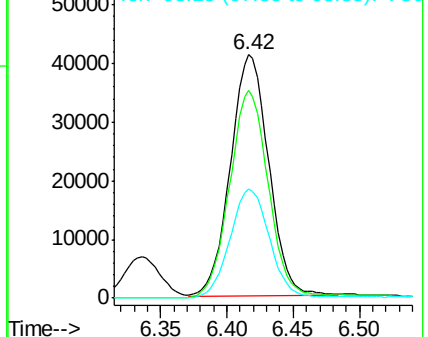


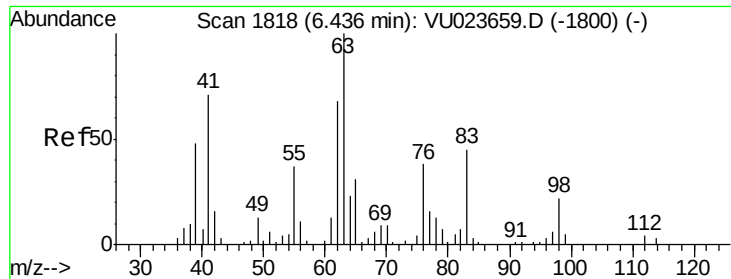
#35
 Methylcyclohexane
 Concen: 4.65 ug/L
 RT: 6.42 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	83	Resp:	82667
Ion	Ratio	Lower	Upper
83	100		
55	87.3	68.4	102.6
98	46.8	36.7	55.1



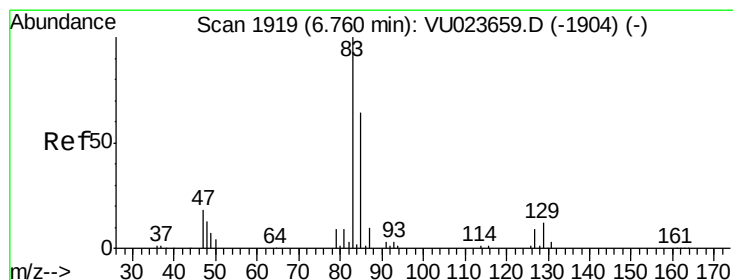
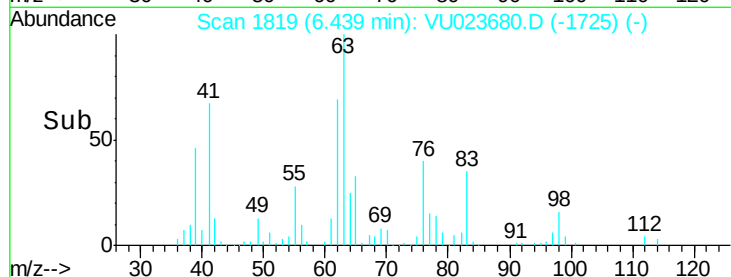
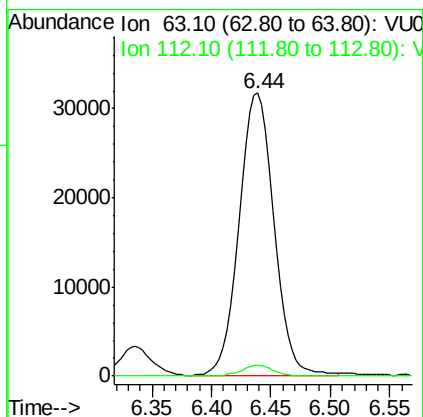
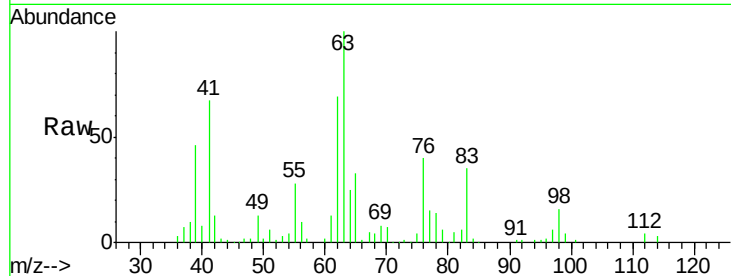
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





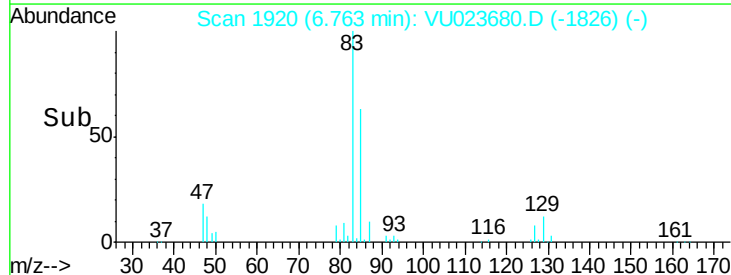
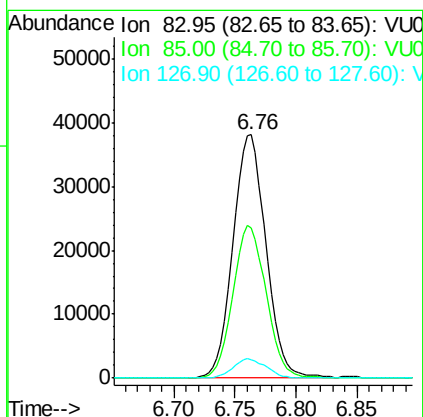
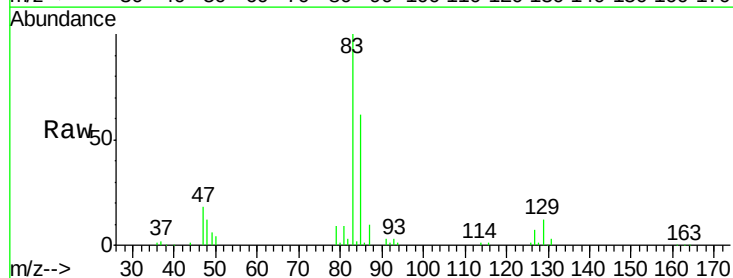
#37
 1,2-Dichloropropane
 Concen: 5.11 ug/L
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

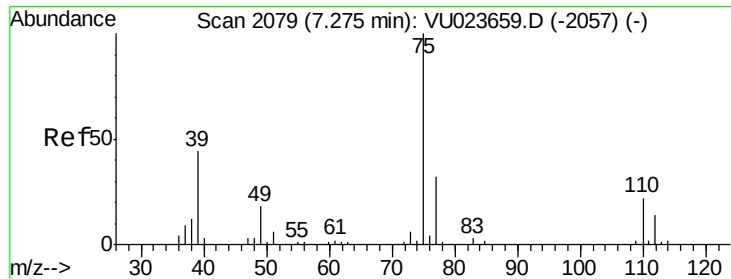
Tgt Ion: 63 Resp: 64031
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.21 ug/L
 RT: 6.76 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion: 83 Resp: 71673
 Ion Ratio Lower Upper
 83 100
 85 61.6 45.1 83.7
 127 7.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.85 ug/L

RT: 7.27 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VU023680.D

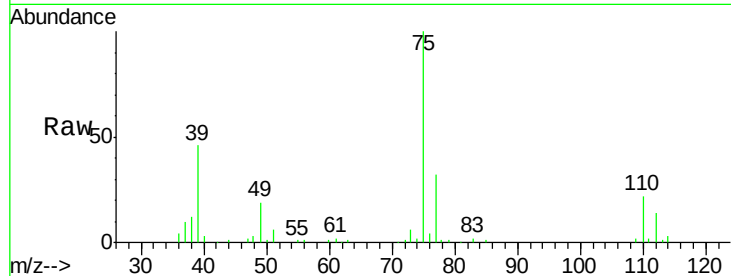
Acq: 05 May 2018 20:59

Tgt Ion: 75 Resp: 75823

Ion Ratio Lower Upper

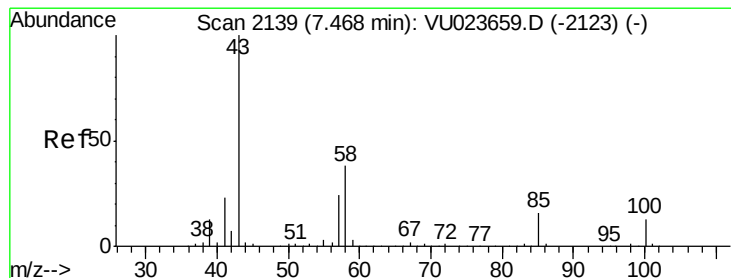
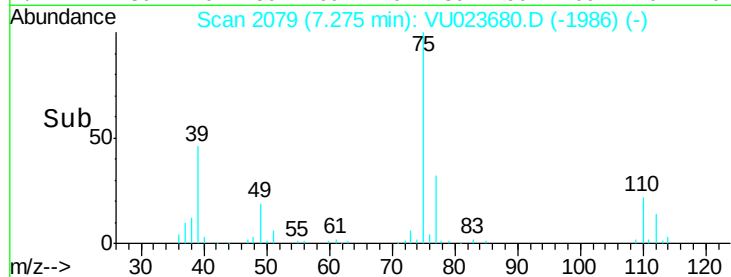
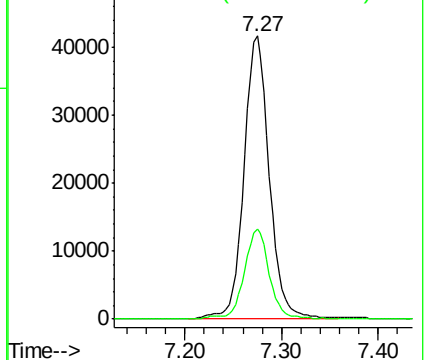
75 100

77 31.8 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#40

4-Methyl-2-pentanone

Concen: 51.37 ug/L

RT: 7.47 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

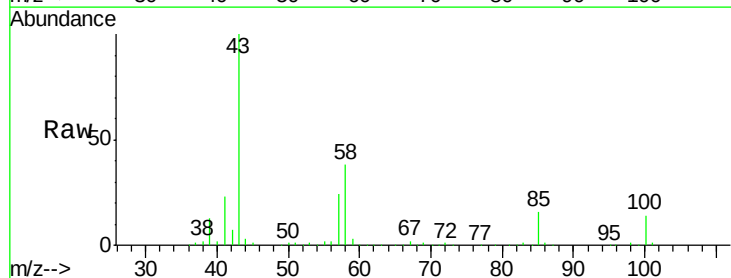
Tgt Ion: 43 Resp: 392101

Ion Ratio Lower Upper

43 100

58 37.5 29.7 44.5

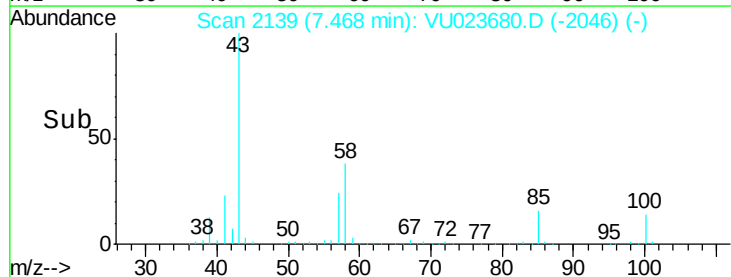
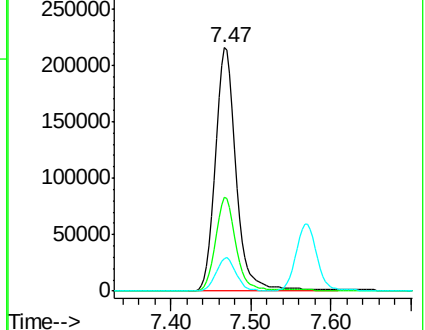
100 13.4 10.1 15.1

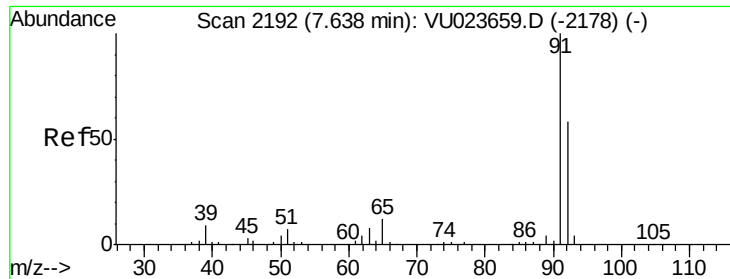


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 100.15 (99.85 to 100.85): VU0





#42

Toluene

Concen: 5.34 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023680.D

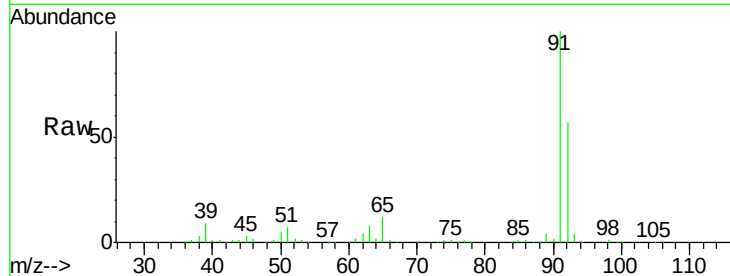
Acq: 05 May 2018 20:59

Tgt Ion: 91 Resp: 244826

Ion Ratio Lower Upper

91 100

92 56.5 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

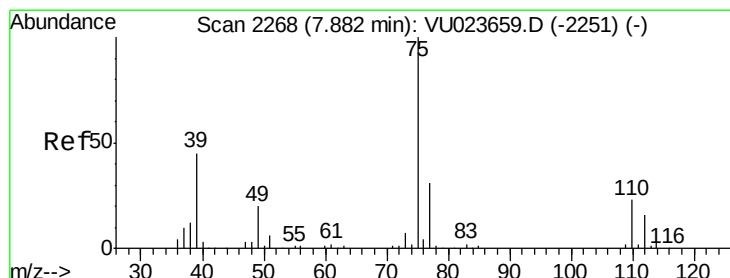
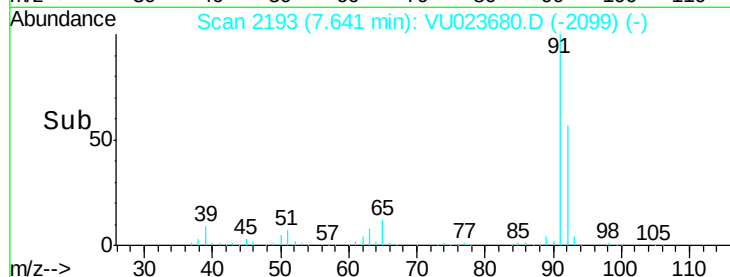
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#44

trans-1,3-Dichloropropene

Concen: 4.89 ug/L

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU023680.D

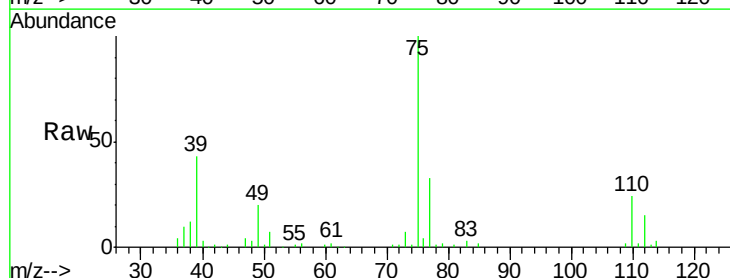
Acq: 05 May 2018 20:59

Tgt Ion: 75 Resp: 62364

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.89

40000

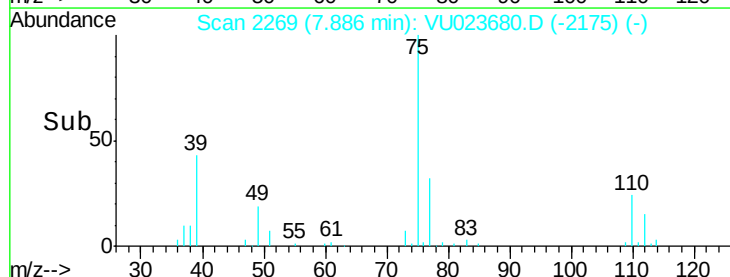
30000

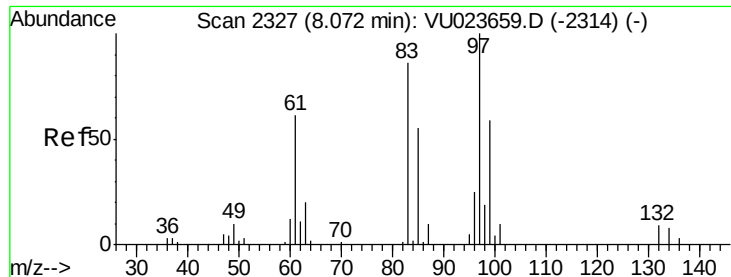
20000

10000

0

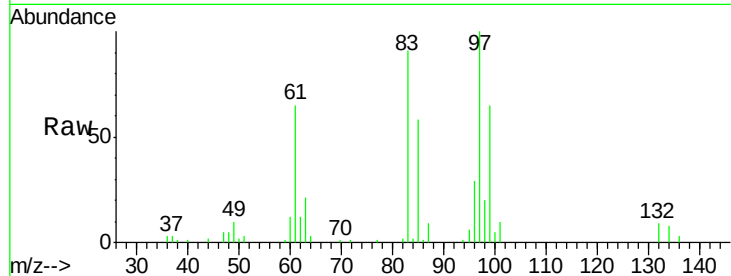
Time--> 7.80 7.90 8.00



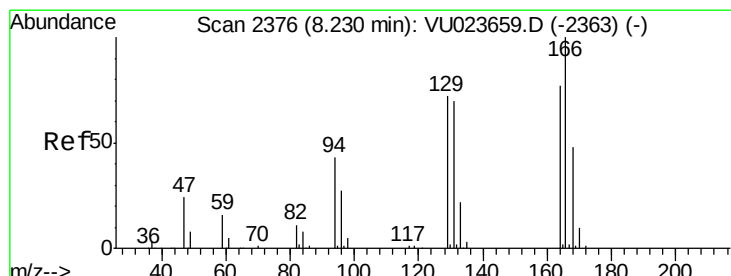
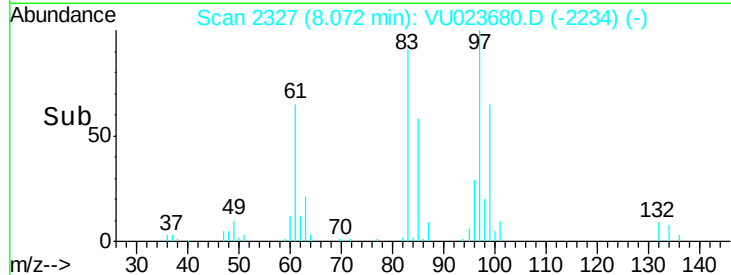
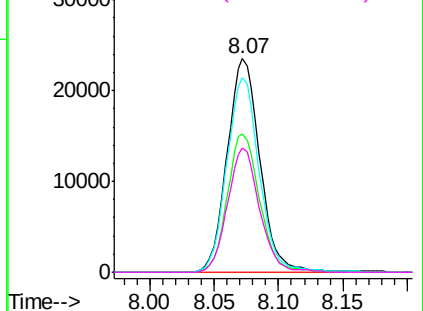


#45
 1,1,2-Trichloroethane
 Concen: 5.27 ug/L
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	97	Resp:	41398
Ion	Ratio	Lower	Upper
97	100		
99	64.8	44.0	81.8
83	91.1	61.6	114.4
85	58.2	41.8	77.6

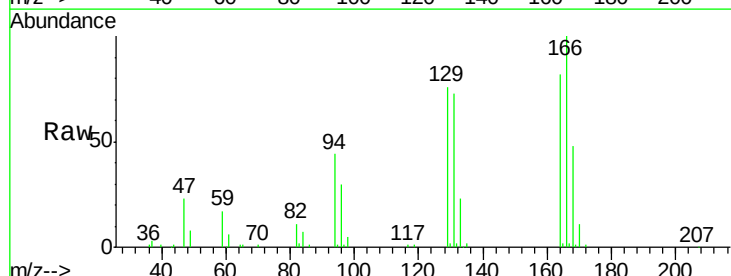


Abundance Ion 96.95 (96.65 to 97.65): VU023680.D (-2234) (-)
 Ion 99.05 (98.75 to 99.75): VU023680.D (-2234) (-)
 Ion 82.95 (82.65 to 83.65): VU023680.D (-2234) (-)
 Ion 85.00 (84.70 to 85.70): VU023680.D (-2234) (-)

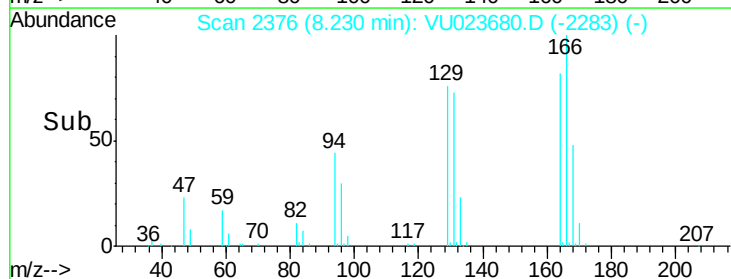
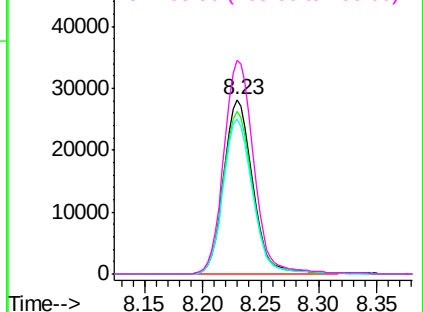


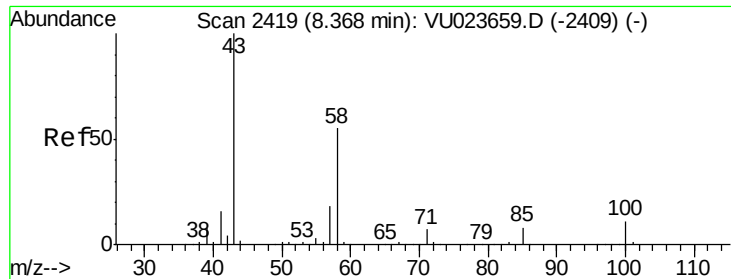
#47
 Tetrachloroethene
 Concen: 5.26 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	164	Resp:	48834
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.4	119.6
131	89.2	63.9	118.7
166	122.6	90.0	167.2



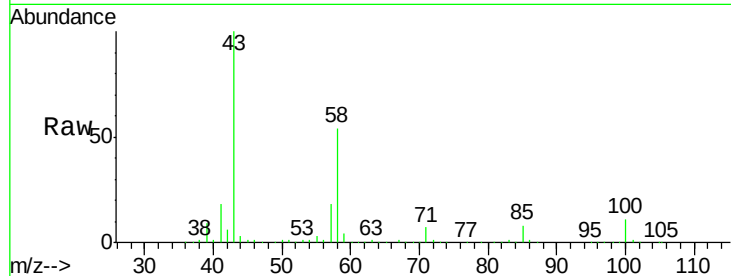
Abundance Ion 163.90 (163.60 to 164.60): VU023680.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023680.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023680.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023680.D (-2283) (-)



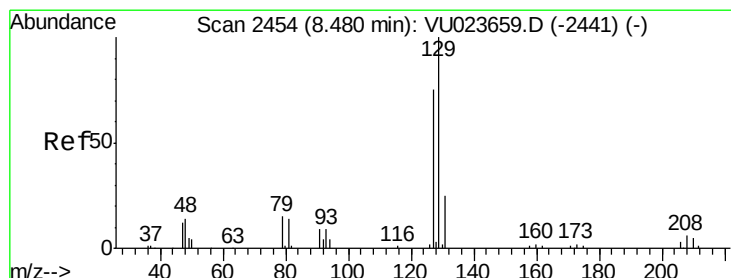
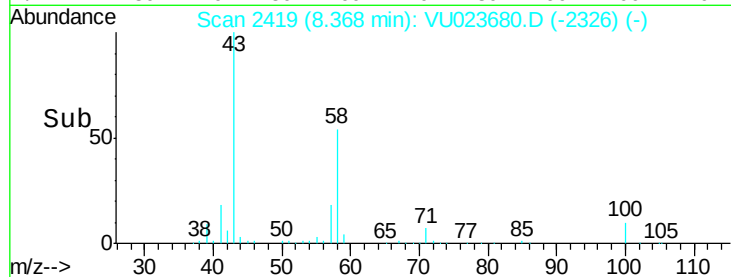
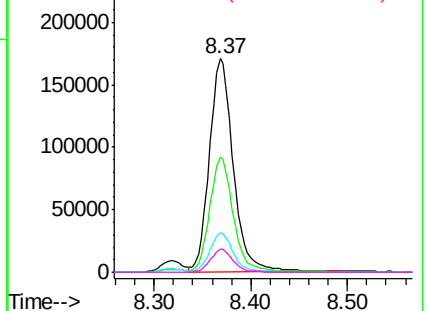


#48
2-Hexanone
Concen: 52.99 ug/L
RT: 8.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:	43	Resp:	292934
Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.1	63.1
57	18.2	14.3	21.5
100	10.5	7.8	11.8

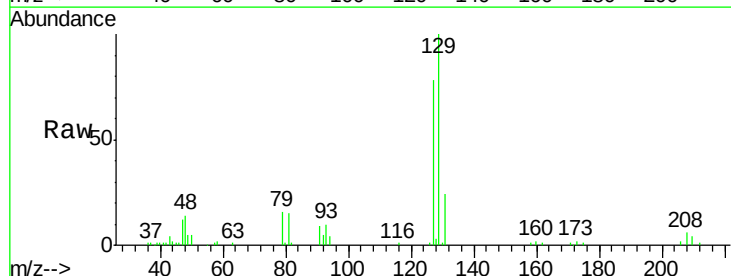


Abundance Ion 43.05 (42.75 to 43.75): VU023680.D (-2326) (-)
Ion 58.05 (57.75 to 58.75): VU023680.D (-2326) (-)
Ion 57.20 (56.90 to 57.90): VU023680.D (-2326) (-)
Ion 100.15 (99.85 to 100.85): VU023680.D (-2326) (-)

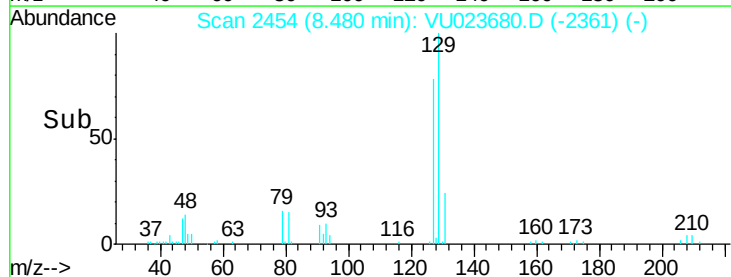
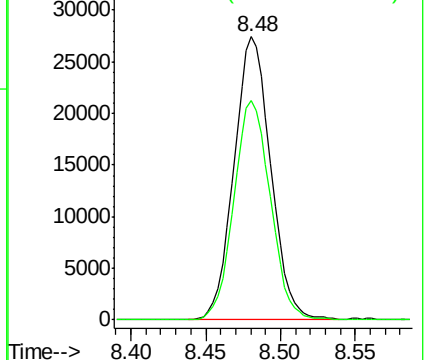


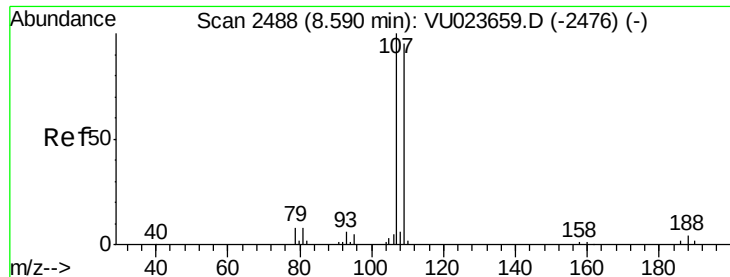
#49
Dibromochloromethane
Concen: 5.21 ug/L
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:	129	Resp:	46872
Ion	Ratio	Lower	Upper
129	100		
127	77.6	56.9	105.7



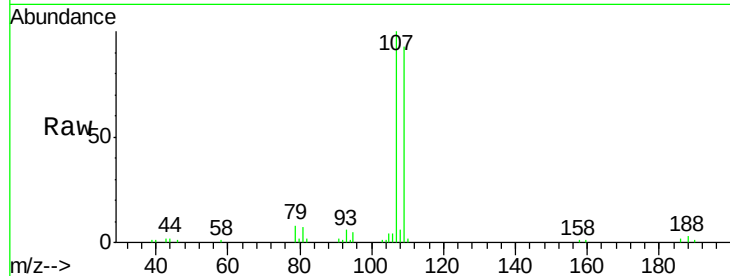
Abundance Ion 128.95 (128.65 to 129.65): VU023680.D (-2361) (-)
Ion 126.90 (126.60 to 127.60): VU023680.D (-2361) (-)



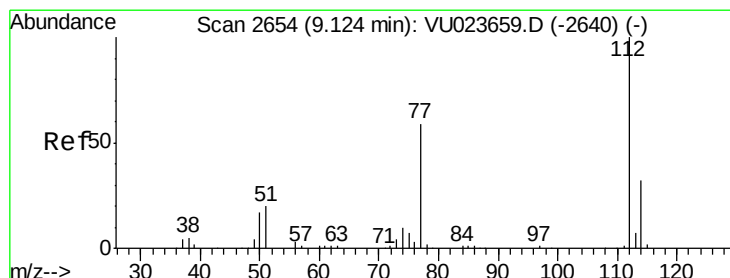
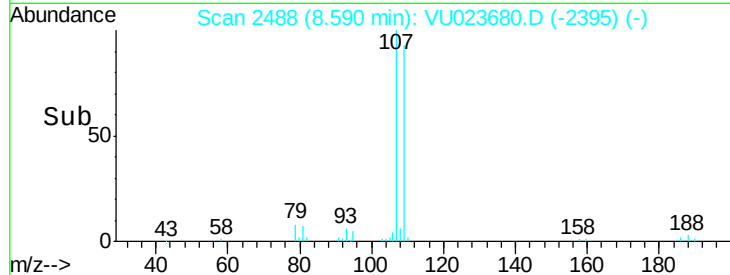
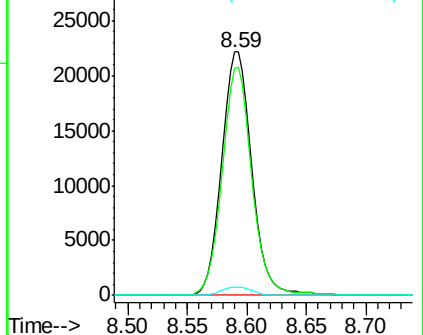


#50
1,2-Dibromoethane
Concen: 5.31 ug/L
RT: 8.59 min Scan# 2488
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:107 Resp: 38930
Ion Ratio Lower Upper
107 100
109 93.1 68.4 127.0
188 3.4 3.0 4.4

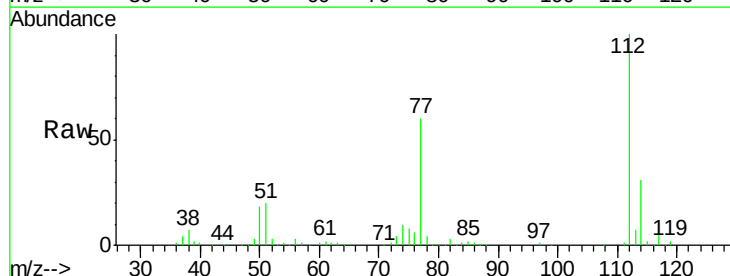


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

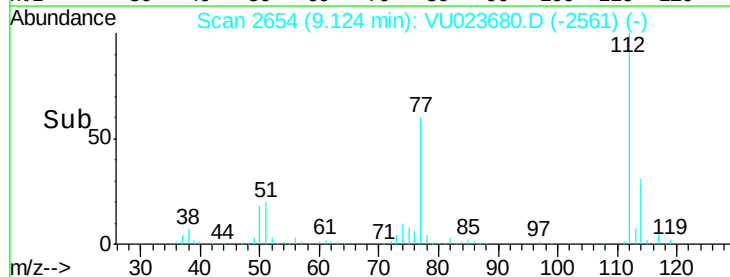
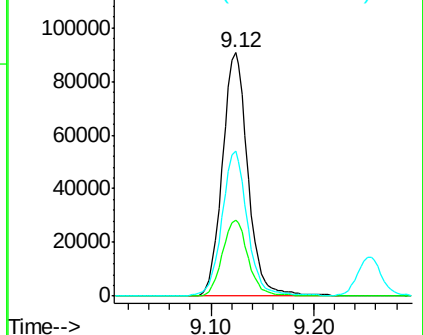


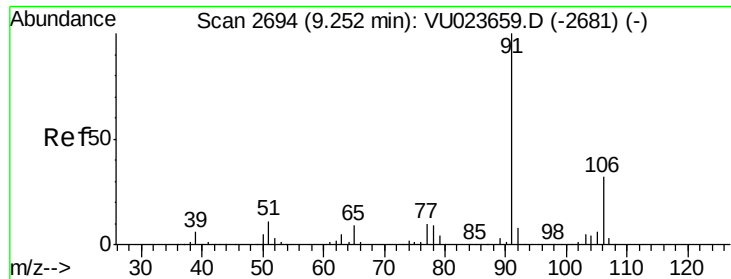
#51
Chlorobenzene
Concen: 5.20 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:112 Resp: 156509
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 59.7 48.8 73.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.09 ug/L

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU023680.D

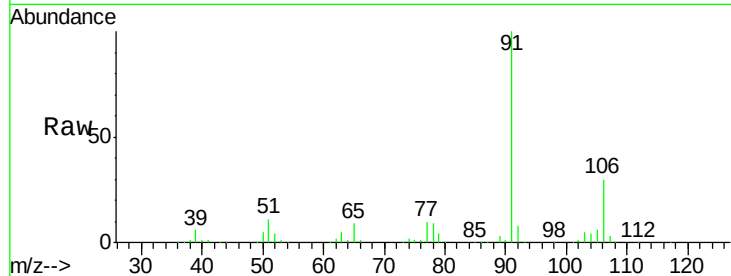
Acq: 05 May 2018 20:59

Tgt Ion: 91 Resp: 248157

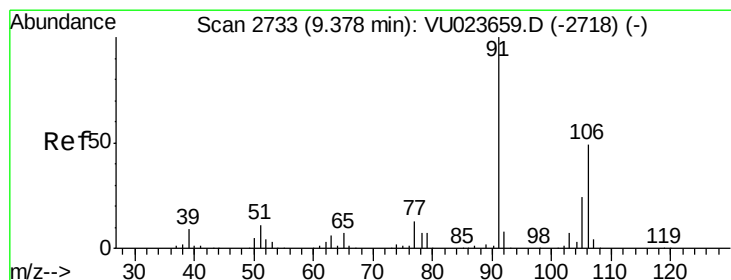
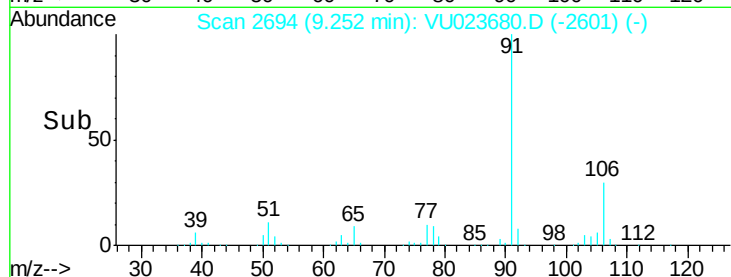
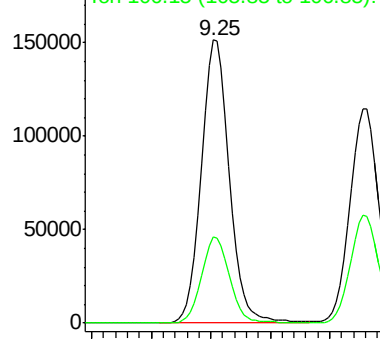
Ion Ratio Lower Upper

91 100

106 30.4 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VU023659.D (-2681) (-)



#53

m,p-xylene

Concen: 5.32 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023680.D

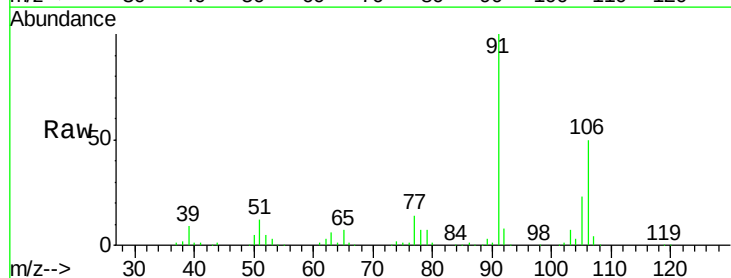
Acq: 05 May 2018 20:59

Tgt Ion: 106 Resp: 97298

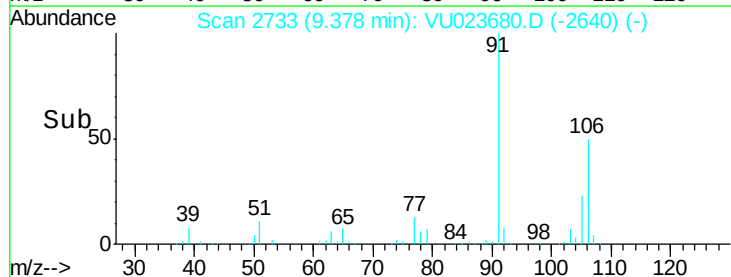
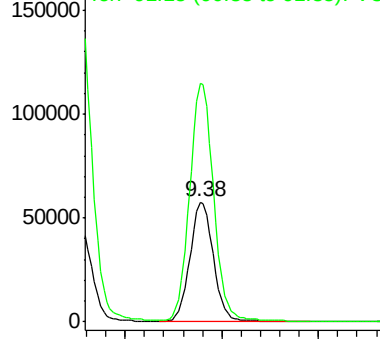
Ion Ratio Lower Upper

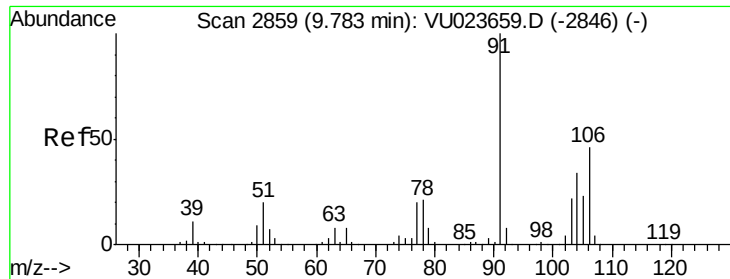
106 100

91 198.7 142.4 264.4



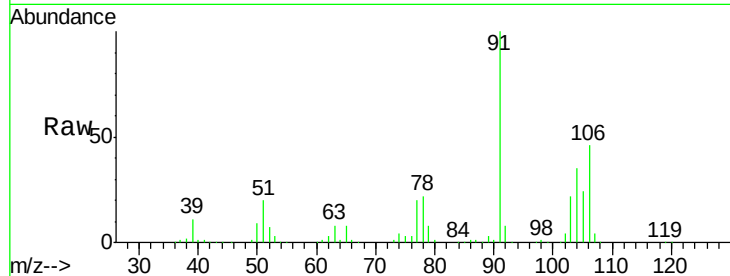
Abundance Ion 106.15 (105.85 to 106.85): VU023659.D (-2718) (-)



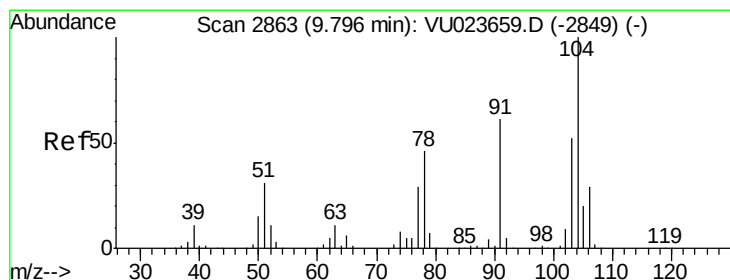
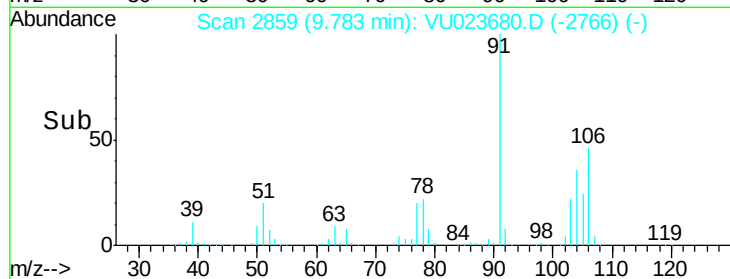
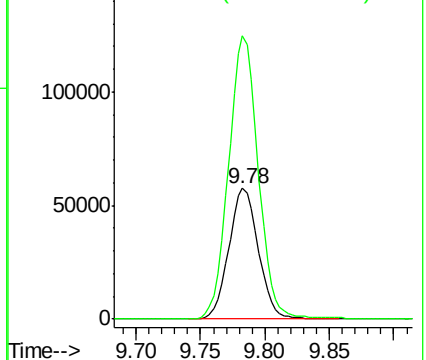


#54
o-xylene
Concen: 5.30 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:106 Resp: 91721
Ion Ratio Lower Upper
106 100
91 216.5 151.5 281.5

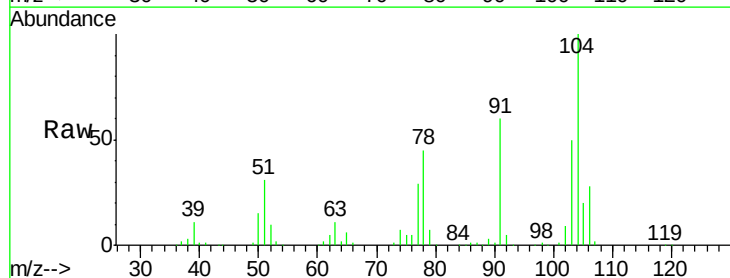


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

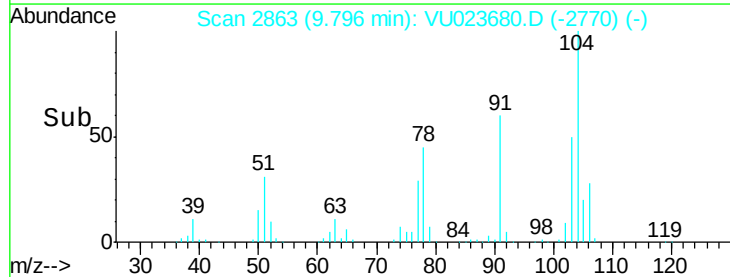
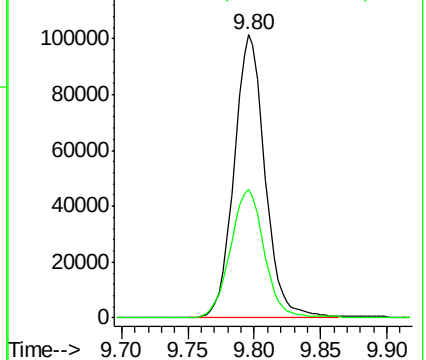


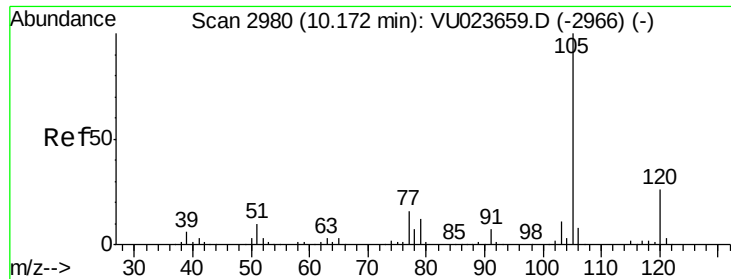
#55
Styrene
Concen: 5.41 ug/L
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:104 Resp: 164140
Ion Ratio Lower Upper
104 100
78 45.3 32.0 59.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.29 ug/L

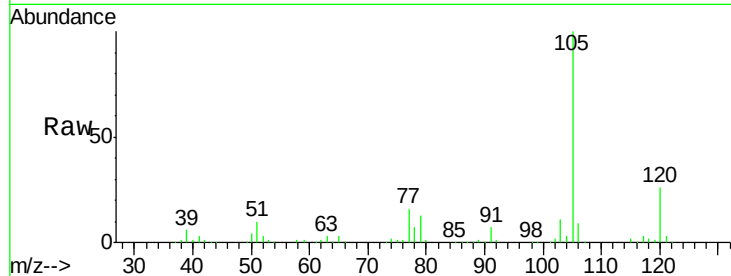
RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

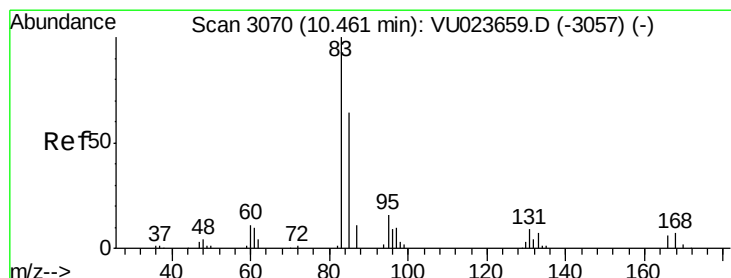
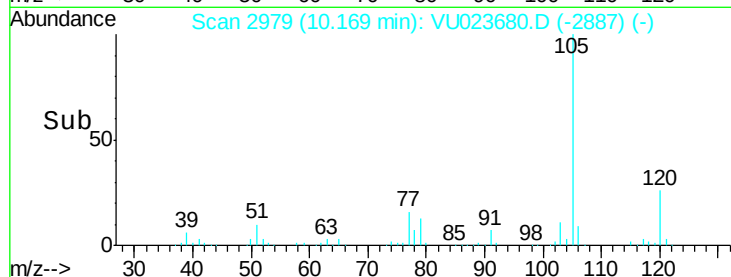
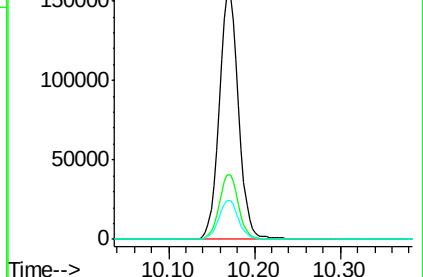
Tgt Ion:	105	Resp:	242498
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.1	31.7
77	16.1	13.1	19.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.12 ug/L

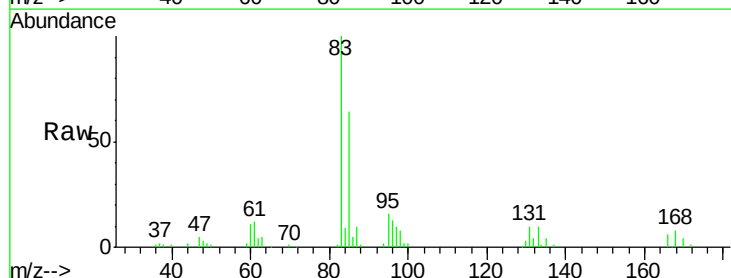
RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

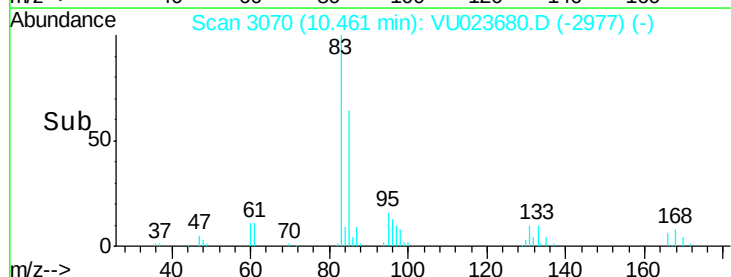
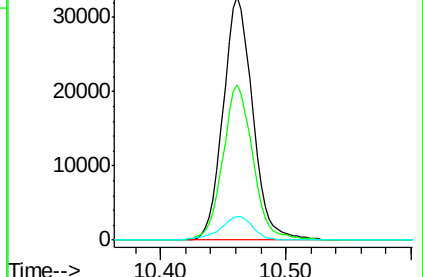
Tgt Ion:	83	Resp:	53549
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.2	82.2
131	9.6	7.3	10.9

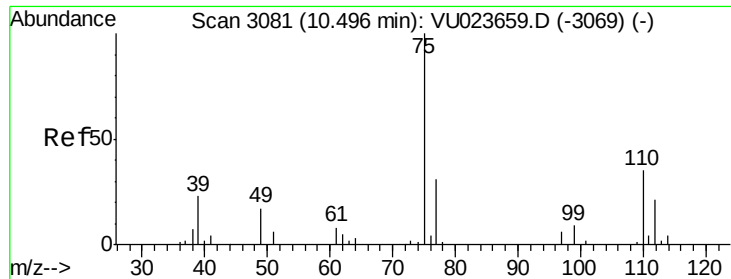


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

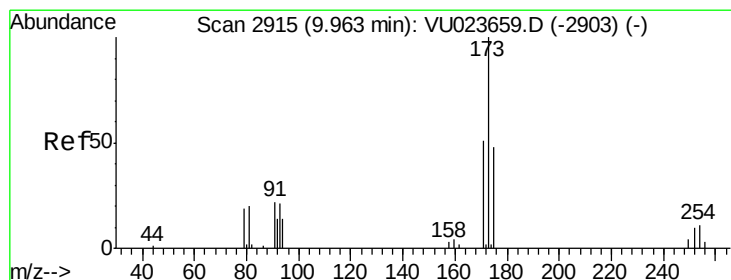
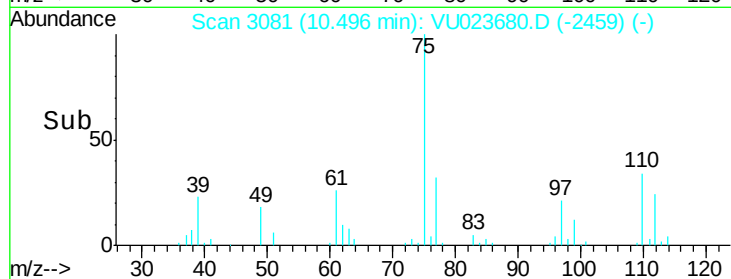
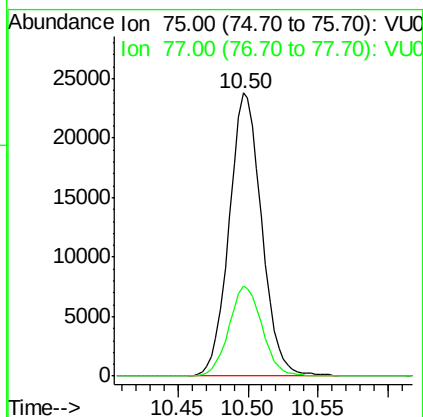
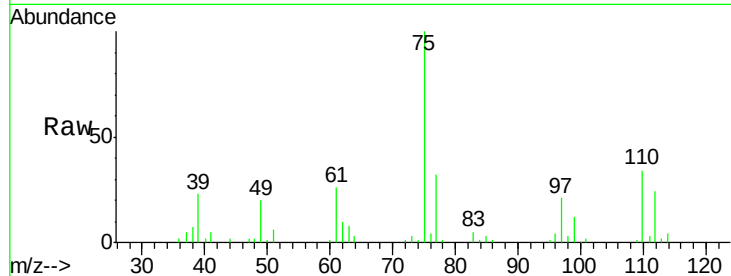
Ion 130.95 (130.65 to 131.65): V





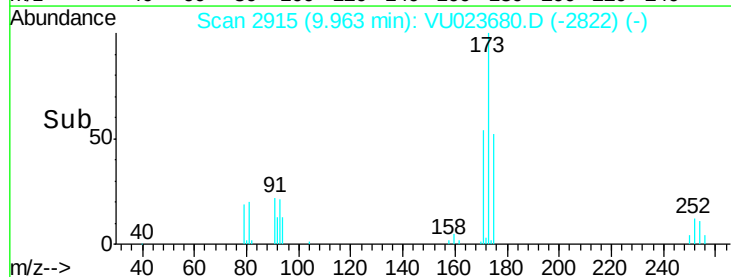
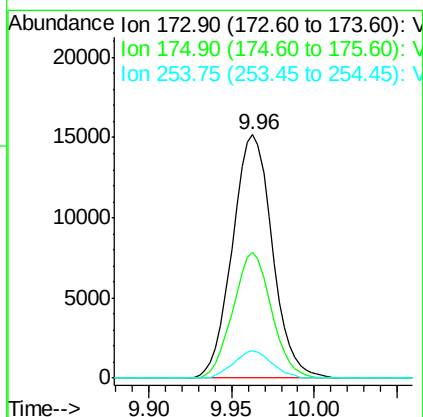
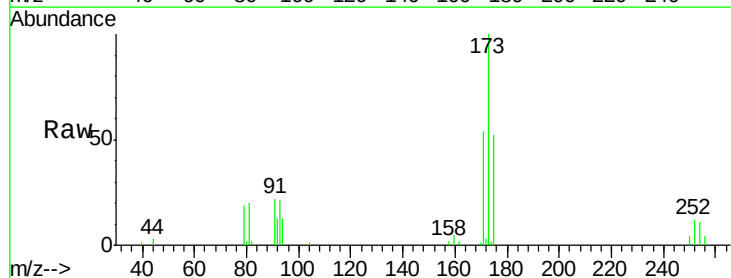
#59
 1,2,3-Trichloropropane
 Concen: 5.21 ug/L
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

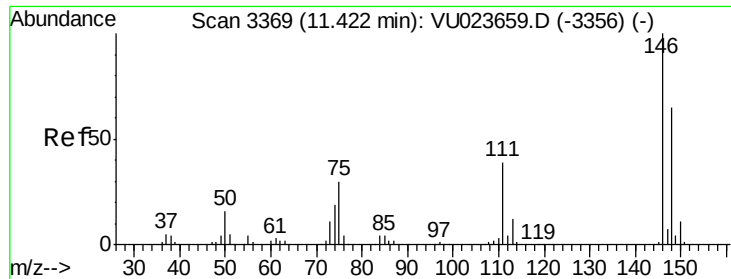
Tgt Ion: 75 Resp: 38446
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.0 39.0



#61
 Bromoform
 Concen: 4.91 ug/L
 RT: 9.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion: 173 Resp: 25489
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.1 57.1
 254 10.6 8.6 13.0





#62

1,3-Dichlorobenzene

Concen: 5.10 ug/L

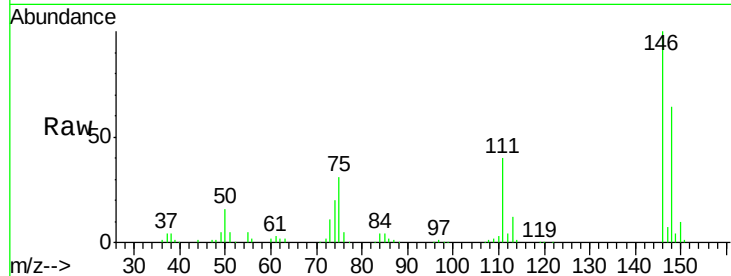
RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

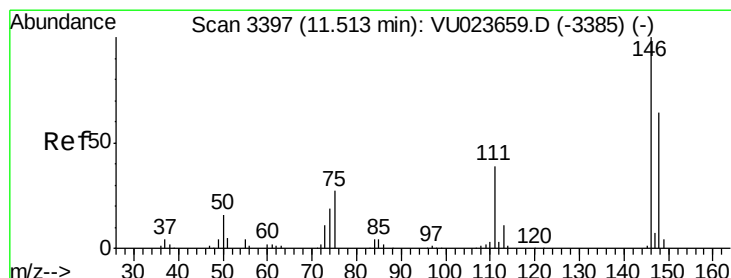
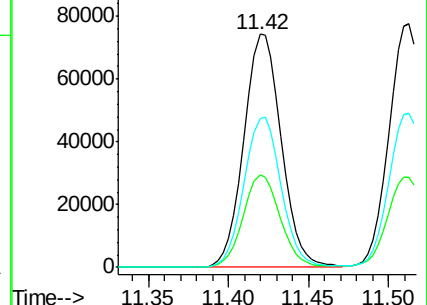
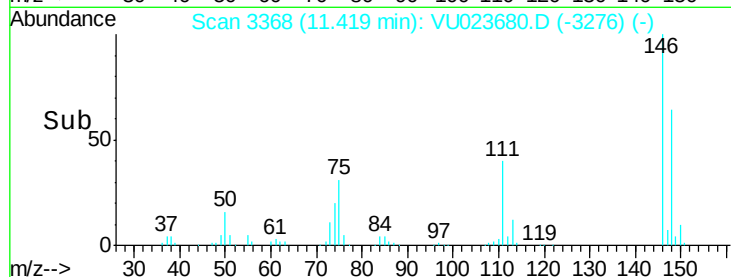
Lab File: VU023680.D

Acq: 05 May 2018 20:59

Tgt Ion:	146	Resp:	118432
Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.9	51.9
148	63.8	44.7	83.1



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.11 ug/L

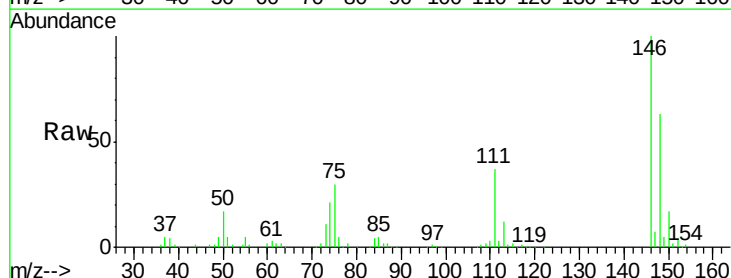
RT: 11.51 min Scan# 3397

Delta R.T. -0.00 min

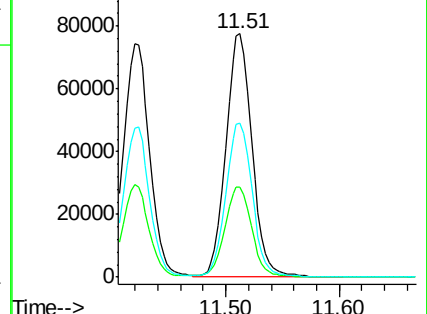
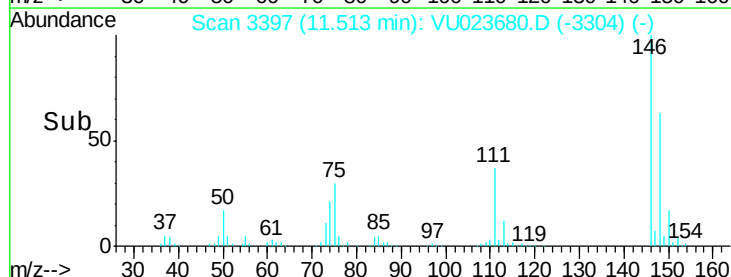
Lab File: VU023680.D

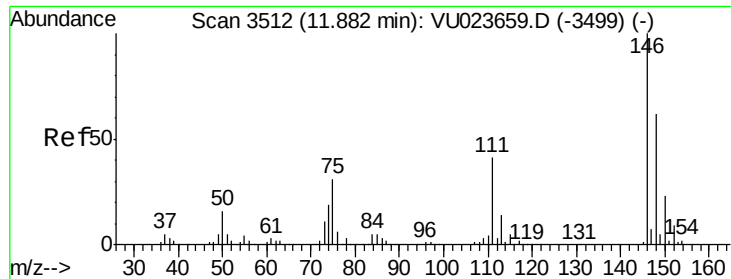
Acq: 05 May 2018 20:59

Tgt Ion:	146	Resp:	125165
Ion	Ratio	Lower	Upper
146	100		
111	36.8	26.7	49.5
148	63.4	45.4	84.4



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.24 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

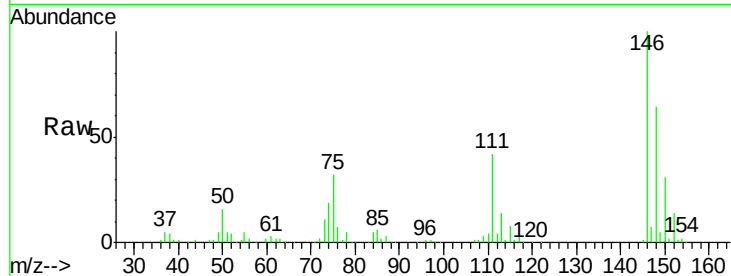
Tgt Ion: 146 Resp: 118777

Ion Ratio Lower Upper

146 100

111 42.0 33.0 49.6

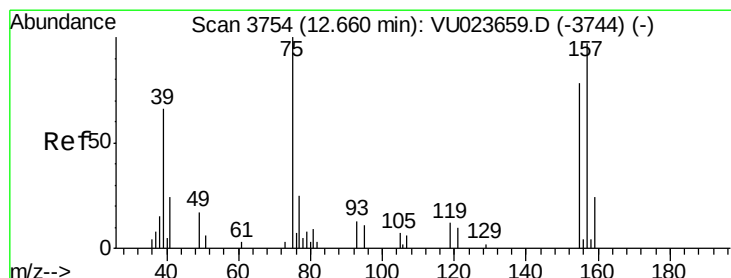
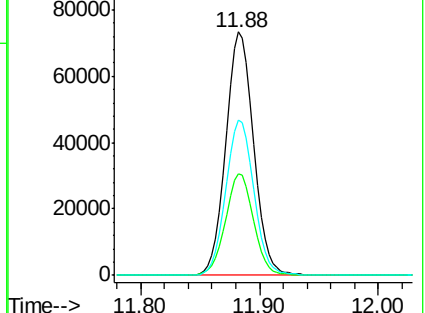
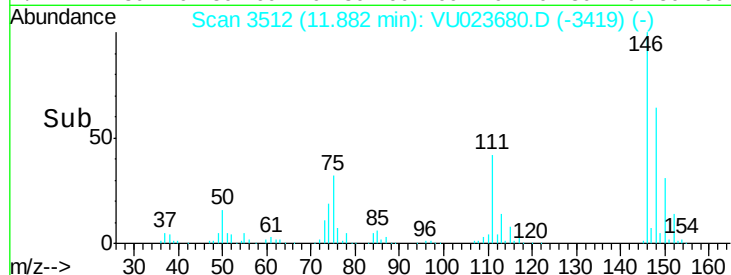
148 63.7 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 5.35 ug/L

RT: 12.66 min Scan# 3754

Delta R.T. -0.00 min

Lab File: VU023680.D

Acq: 05 May 2018 20:59

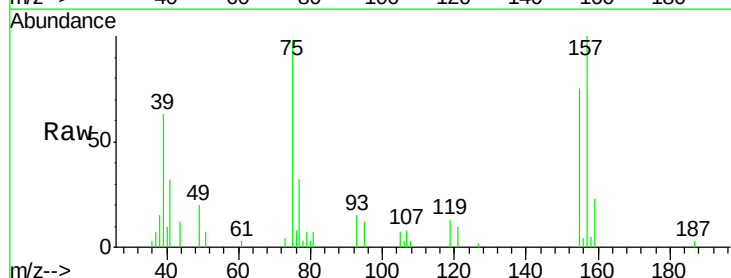
Tgt Ion: 75 Resp: 8191

Ion Ratio Lower Upper

75 100

155 76.5 60.6 90.8

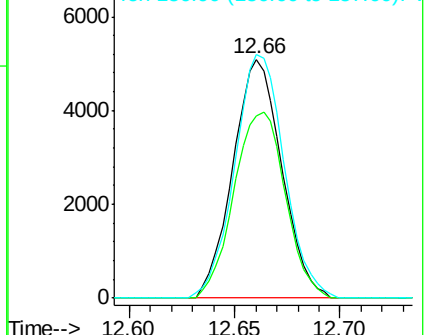
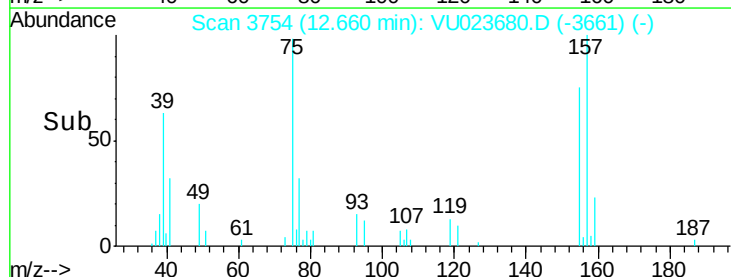
157 102.0 87.7 131.5

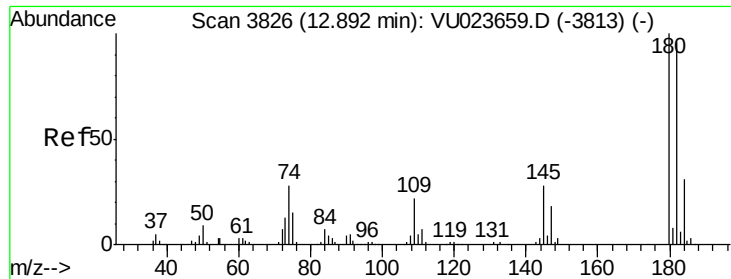


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

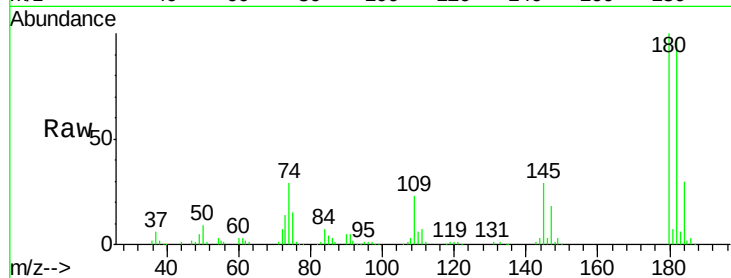
Ion 156.90 (156.60 to 157.60): V



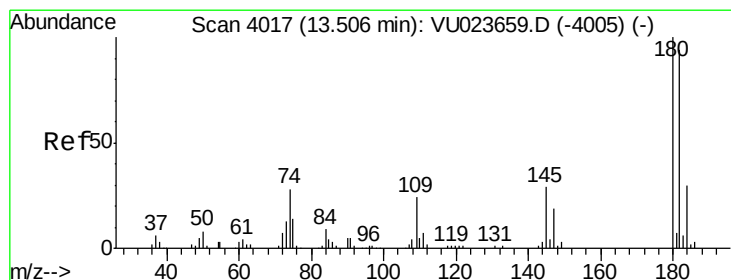
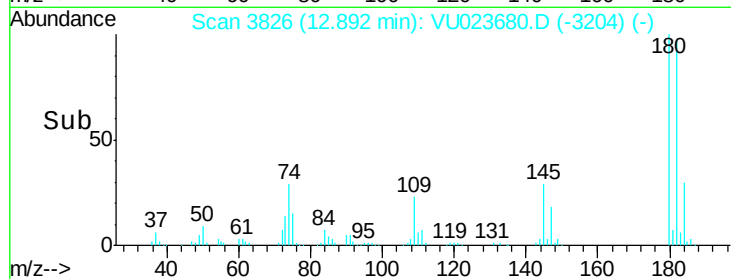
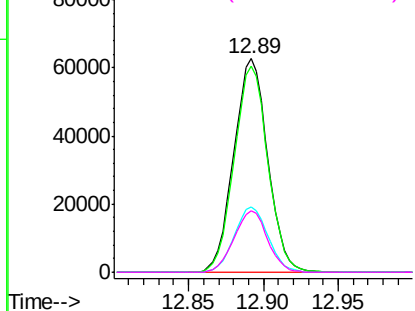


#67
 1,3,5-Trichlorobenzene
 Concen: 4.97 ug/L
 RT: 12.89 min Scan# 3826
 Delta R.T. -0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	180	Resp:	98413
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.2
184	30.6	24.4	36.6
145	28.6	22.8	34.2

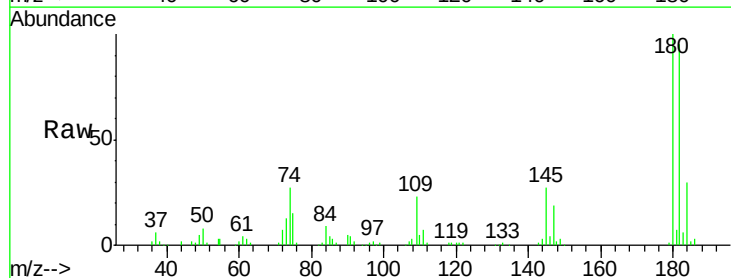


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

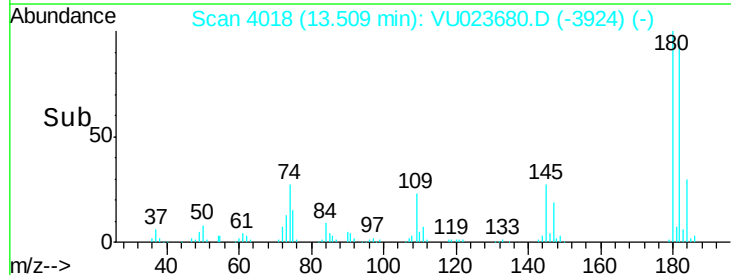
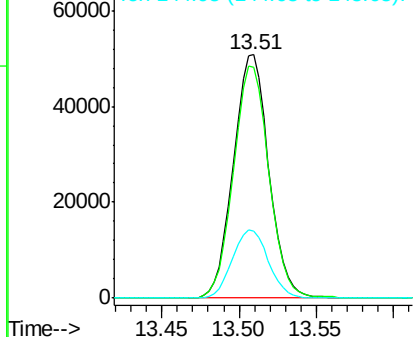


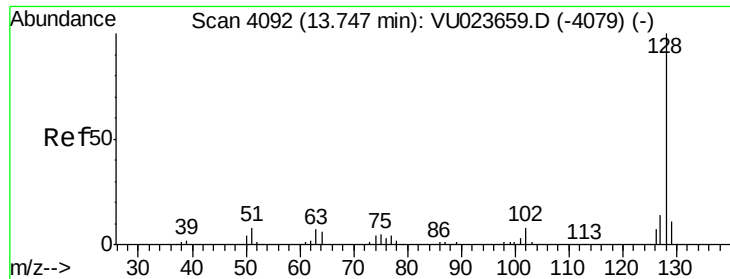
#68
 1,2,4-trichlorobenzene
 Concen: 4.95 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU023680.D
 Acq: 05 May 2018 20:59

Tgt Ion:	180	Resp:	80633
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.7	113.5
145	28.4	22.5	33.7



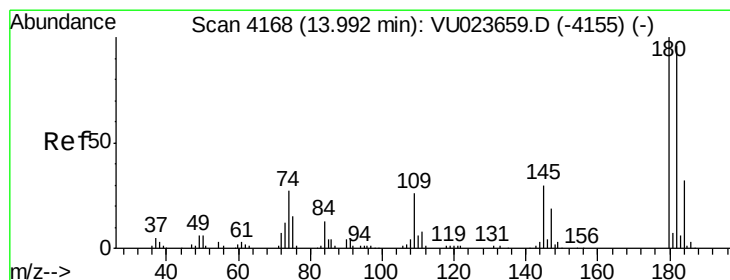
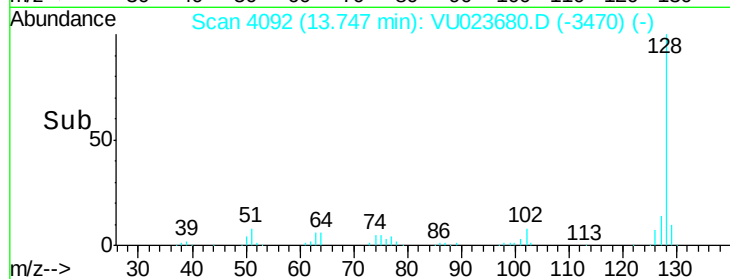
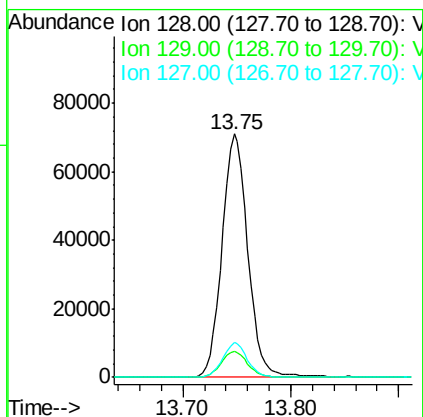
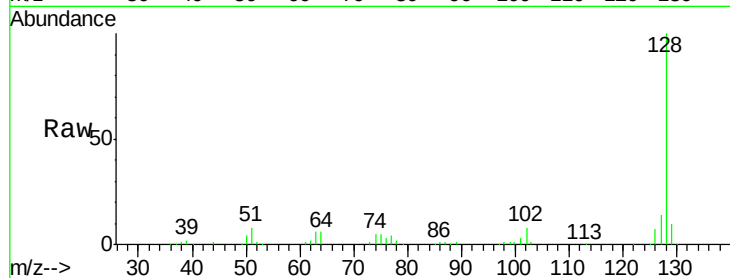
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 4.77 ug/L
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:128 Resp: 118252
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.6 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 5.17 ug/L
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU023680.D
Acq: 05 May 2018 20:59

Tgt Ion:180 Resp: 79099
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 30.1 24.3 36.5

