

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023653.D
 Acq On : 05 May 2018 01:18
 Operator : MD/SY
 Sample : J2630-18 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Quant Time: May 05 01:58:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	137022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	142332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46734	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	40703	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.27	63	69706	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.20	46	156940	54.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.16%
24) Chloroform-d	4.65	84	92297	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.32	65	54314	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.34	84	189917	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.34	67	66512	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.57	98	157822	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.86	79	19756	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.32	63	125105	53.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52785	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	64308	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

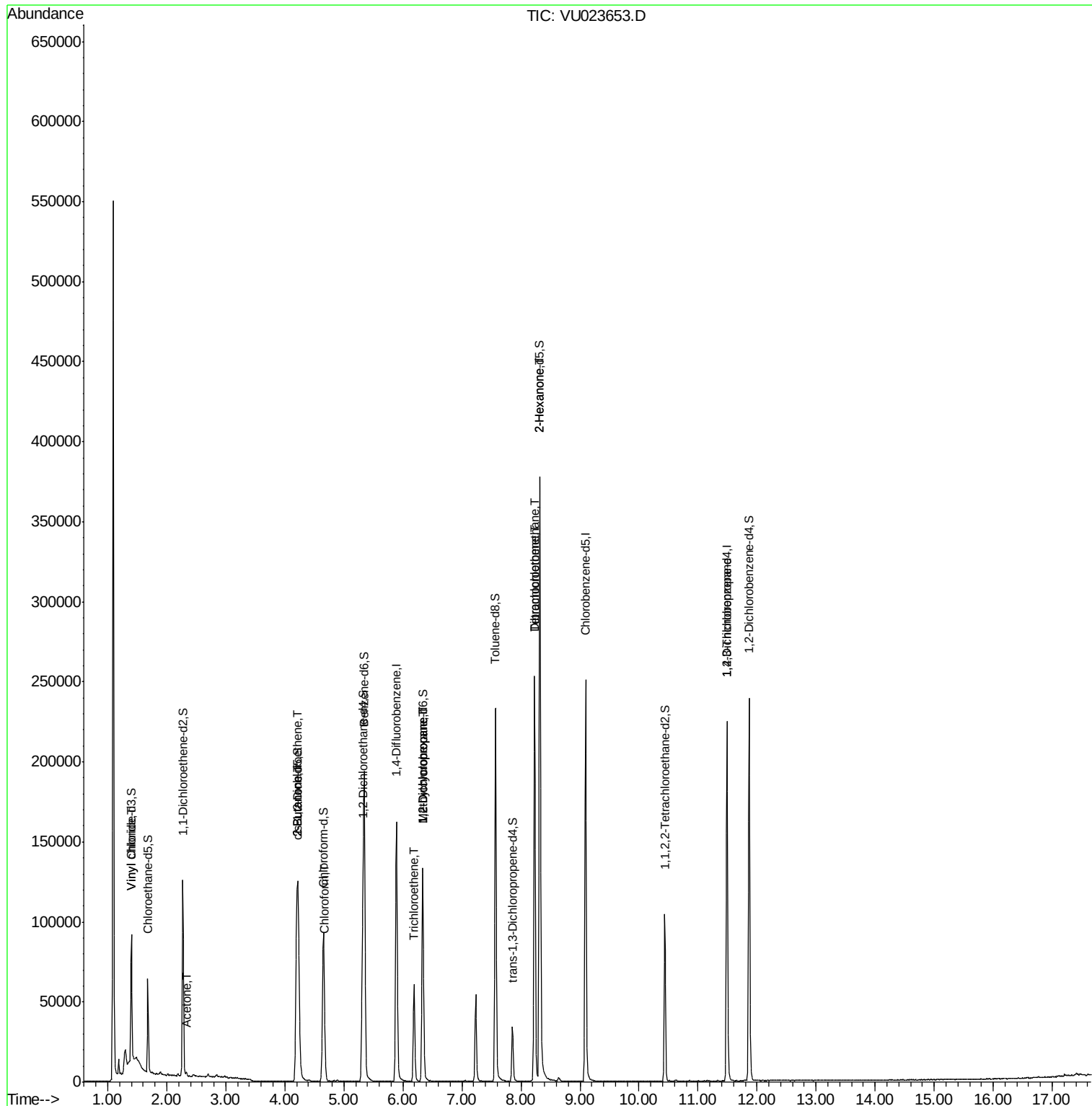
Target Compounds

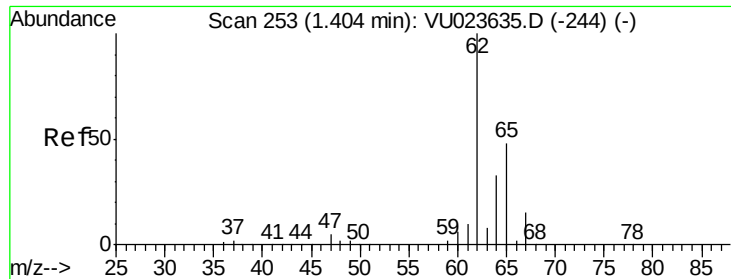
						Qvalue
5) Vinyl chloride	1.40	62	6797	0.53	ug/L	# 1
13) Acetone	2.33	43	1515	0.92	ug/L	79
21) 2-Butanone	4.20	43	1674	0.55	ug/L	92
22) cis-1,2-Dichloroethene	4.23	96	44128	4.16	ug/L	98
25) Chloroform	4.68	83	7967	0.43	ug/L	91
34) Trichloroethene	6.19	95	21555	1.93	ug/L	97
35) Methylcyclohexane	6.34	83	15265	0.90	ug/L	# 15
37) 1,2-Dichloropropane	6.34	63	6778	0.57	ug/L	# 89
47) Tetrachloroethene	8.23	164	59444	6.72	ug/L	99
48) 2-Hexanone	8.32	43	16356	3.11	ug/L	# 66
49) Dibromochloromethane	8.23	129	56027	6.54	ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	6941	0.99	ug/L	91

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

```
Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\  
Data File : VU023653.D  
Acq On    : 05 May 2018  01:18  
Operator  : MD/SY  
Sample    : J2630-18 100X  
Misc      : 5.0mL/MSVOA_U/WATER  
ALS Vial  : 50      Sample Multiplier: 1
```

Quant Time: May 05 01:58:30 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 05 01:17:03 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.53 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023653.D

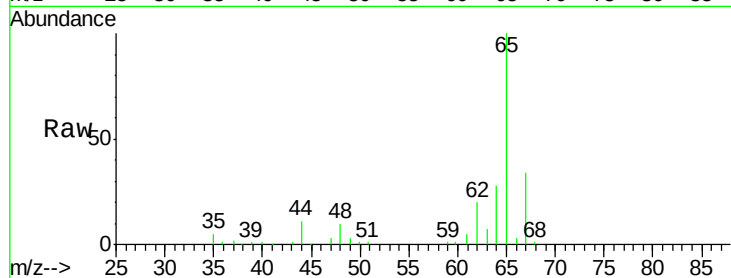
Acq: 05 May 2018 01:18

Tgt Ion: 62 Resp: 6797

Ion Ratio Lower Upper

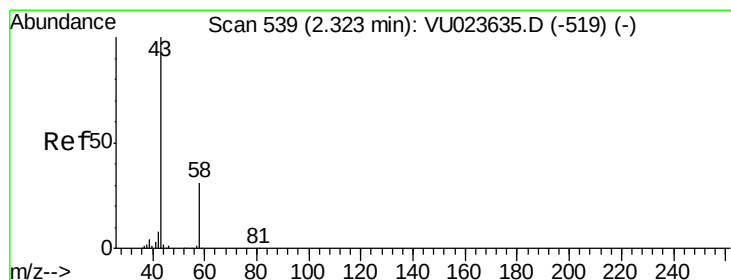
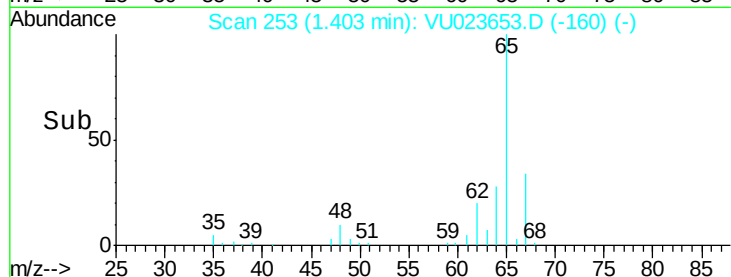
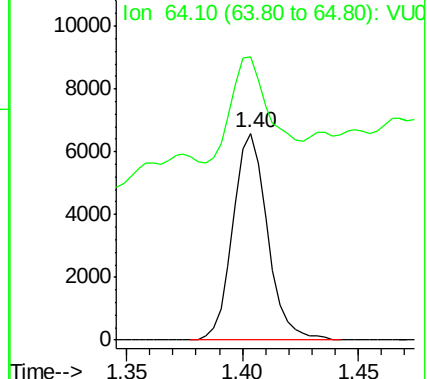
62 100

64 136.6 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 0.92 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023653.D

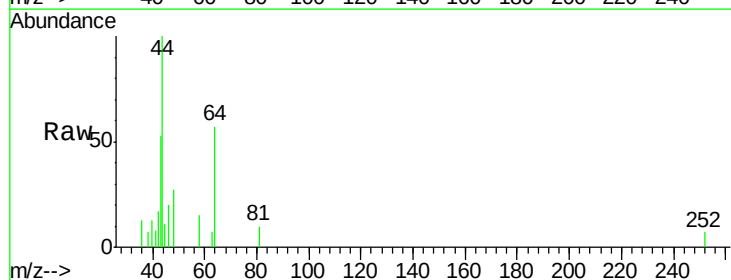
Acq: 05 May 2018 01:18

Tgt Ion: 43 Resp: 1515

Ion Ratio Lower Upper

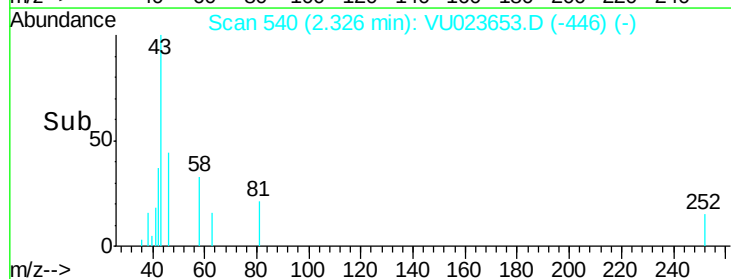
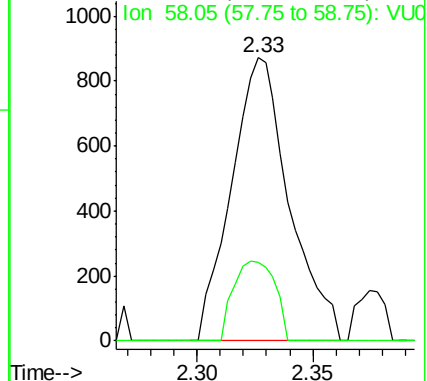
43 100

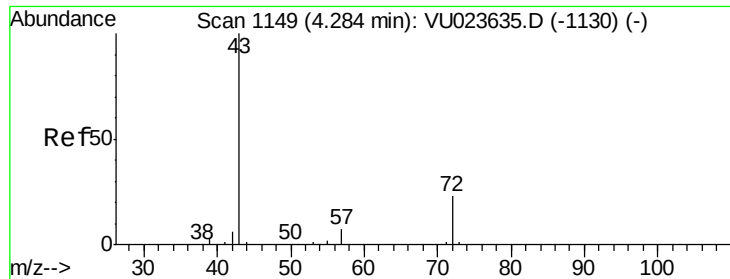
58 20.1 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 0.55 ug/L

RT: 4.20 min Scan# 1123

Delta R.T. -0.08 min

Lab File: VU023653.D

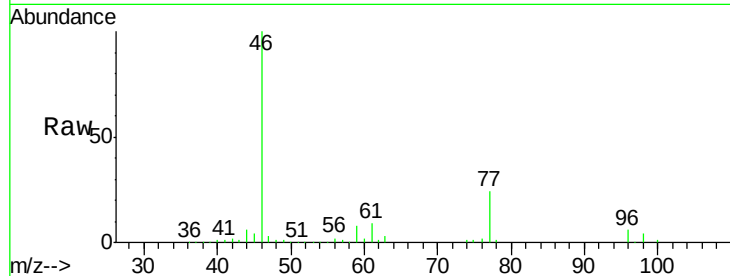
Acq: 05 May 2018 01:18

Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

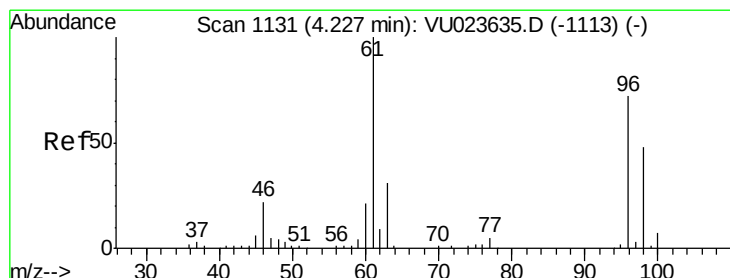
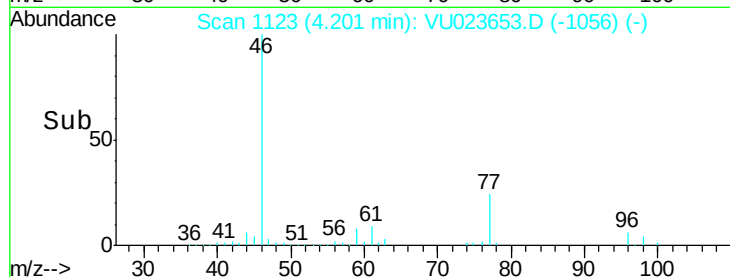
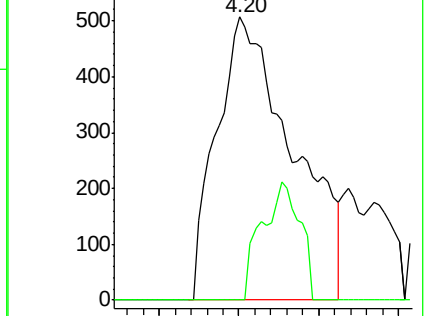
43 100

72 20.7 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: 4.16 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023653.D

Acq: 05 May 2018 01:18

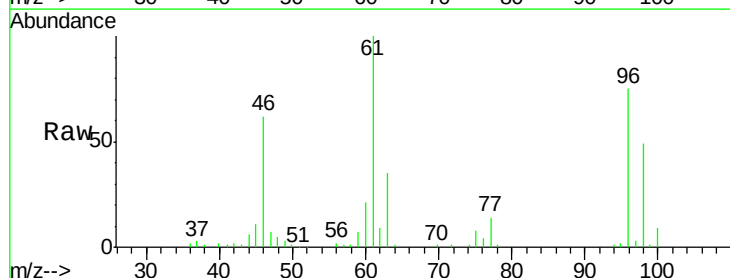
Tgt Ion: 96 Resp: 44128

Ion Ratio Lower Upper

96 100

61 132.7 94.6 175.6

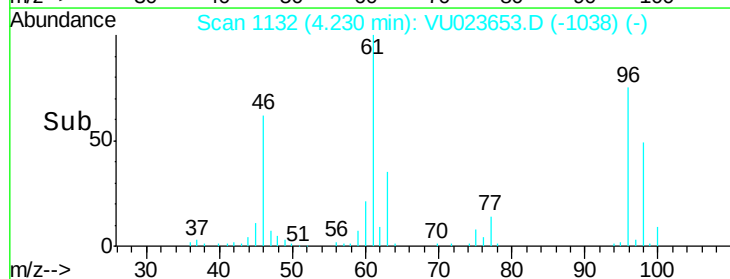
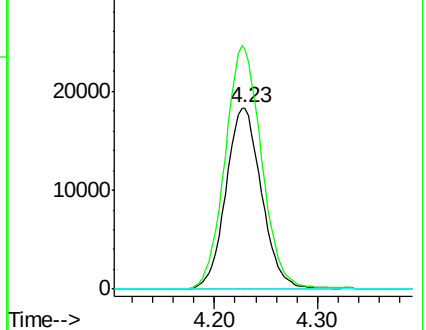
68 0.0 0.0 0.0

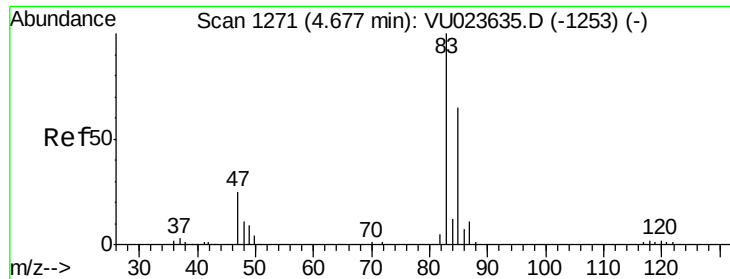


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

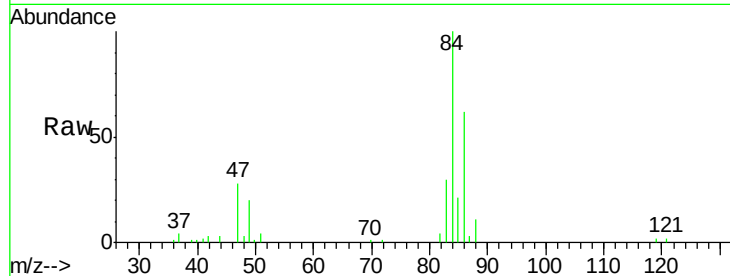
Ion 68.15 (67.85 to 68.85): VU0



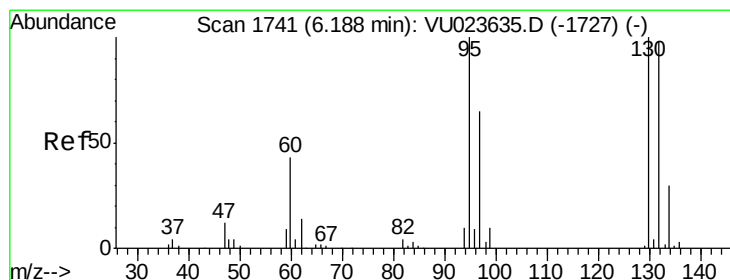
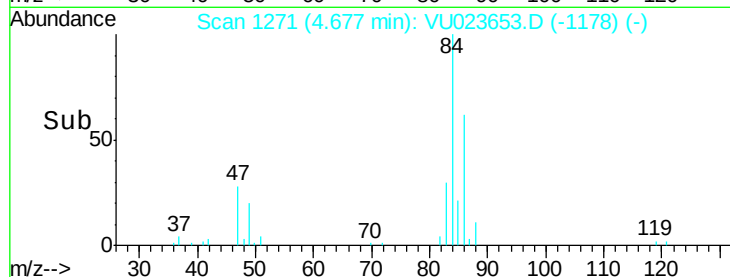
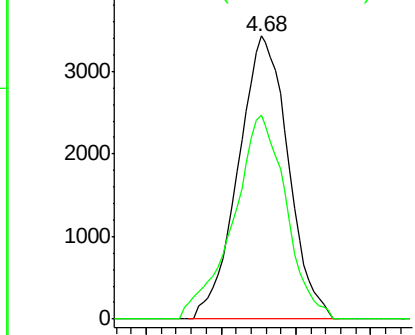


#25
Chloroform
Concen: 0.43 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU023653.D
Acq: 05 May 2018 01:18

Tgt Ion: 83 Resp: 7967
Ion Ratio Lower Upper
83 100
85 71.9 45.2 84.0

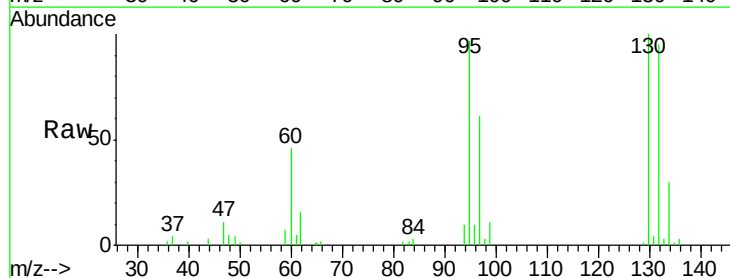


Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

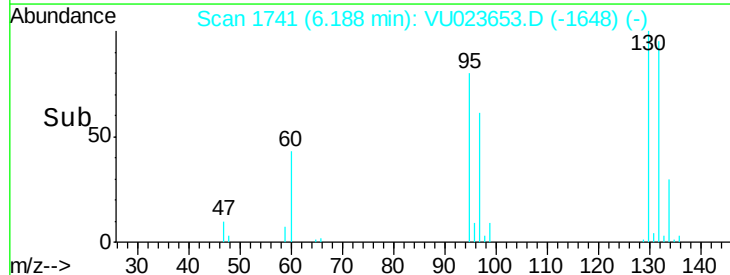
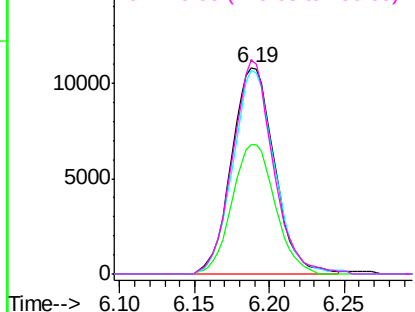


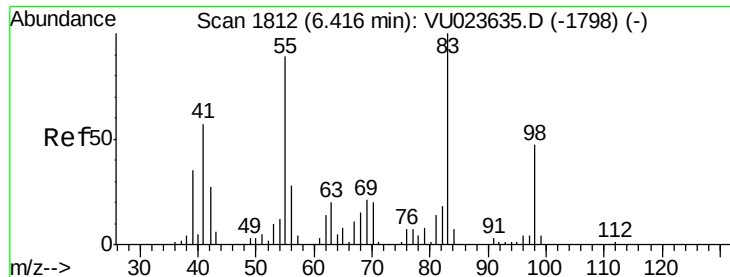
#34
Trichloroethene
Concen: 1.93 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU023653.D
Acq: 05 May 2018 01:18

Tgt Ion: 95 Resp: 21555
Ion Ratio Lower Upper
95 100
97 62.8 46.0 85.4
132 98.5 68.1 126.5
130 103.5 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: 0.90 ug/L

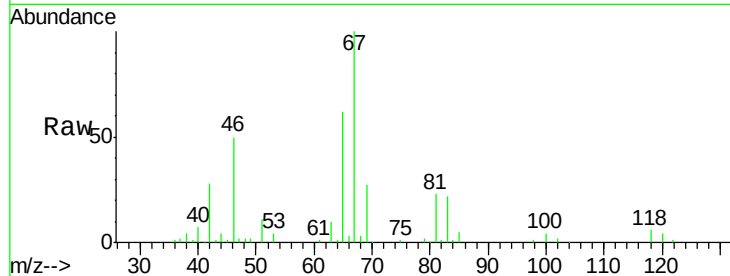
RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023653.D

Acq: 05 May 2018 01:18

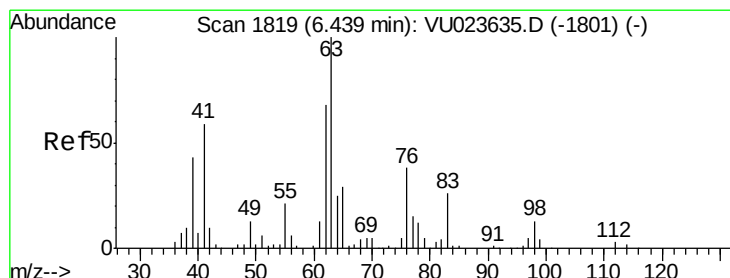
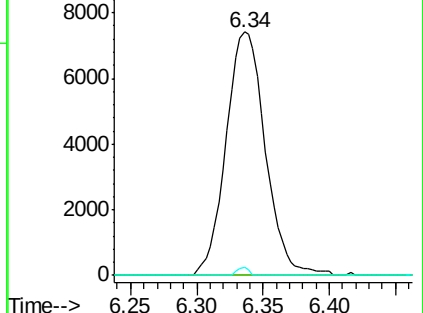
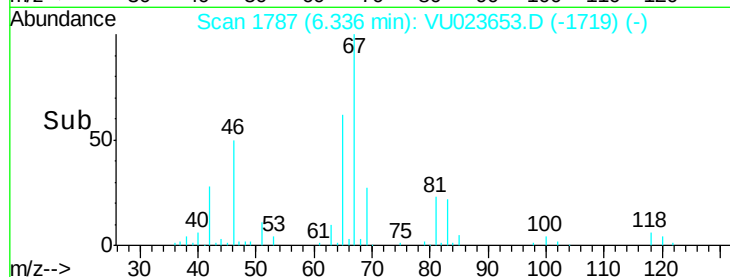
Tgt Ion:	83	Resp:	15265
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	0.9	36.7	55.1#



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: 0.57 ug/L

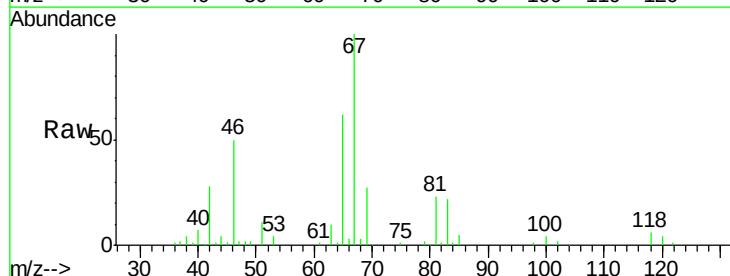
RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023653.D

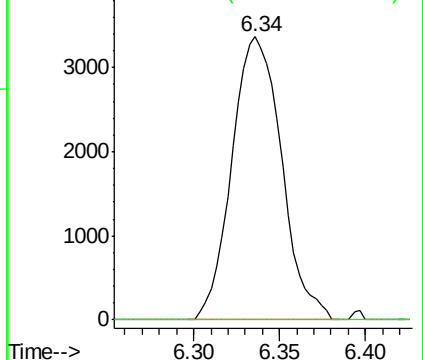
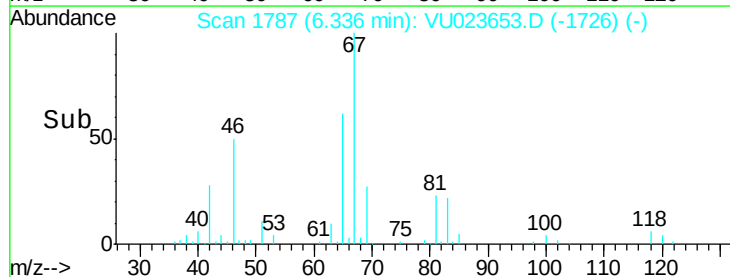
Acq: 05 May 2018 01:18

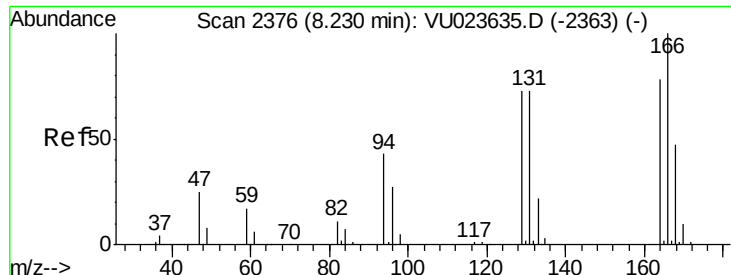
Tgt Ion:	63	Resp:	6778
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 6.72 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023653.D

Acq: 05 May 2018 01:18

Tgt Ion: 164 Resp: 59444

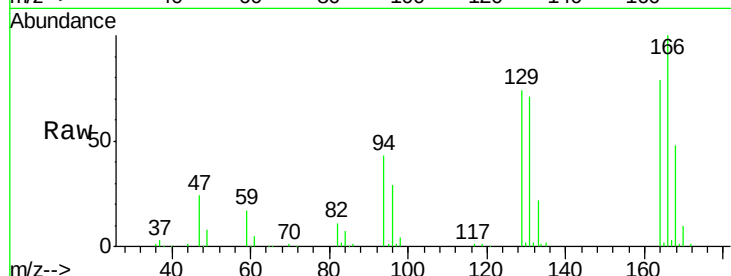
Ion Ratio Lower Upper

164 100

129 94.0 64.4 119.6

131 90.8 63.9 118.7

166 127.4 90.0 167.2

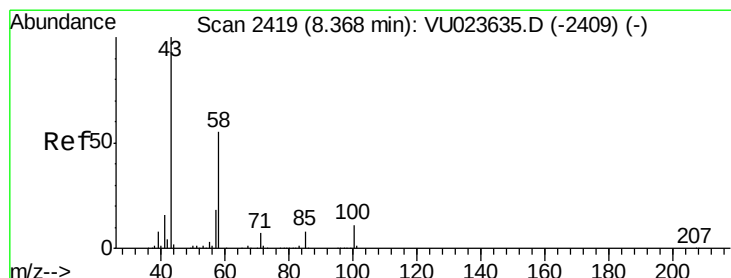
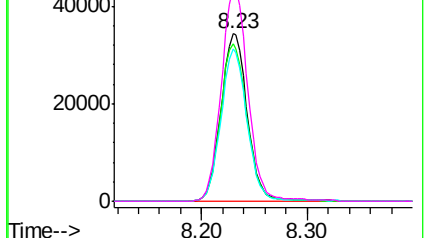
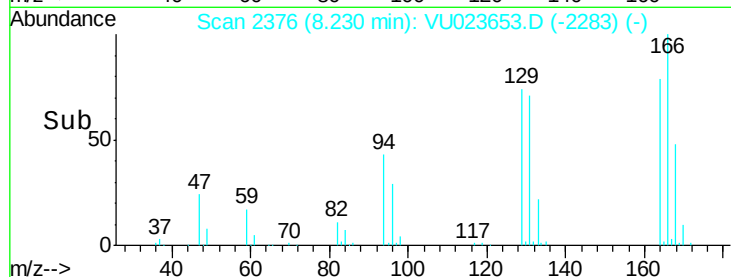


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.11 ug/L

RT: 8.32 min Scan# 2404

Delta R.T. -0.05 min

Lab File: VU023653.D

Acq: 05 May 2018 01:18

Tgt Ion: 43 Resp: 16356

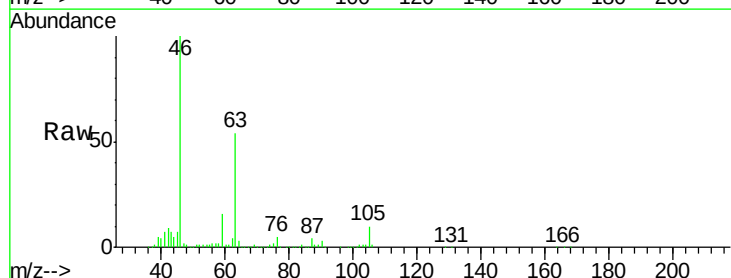
Ion Ratio Lower Upper

43 100

58 28.3 42.1 63.1#

57 36.0 14.3 21.5#

100 3.4 7.8 11.8#

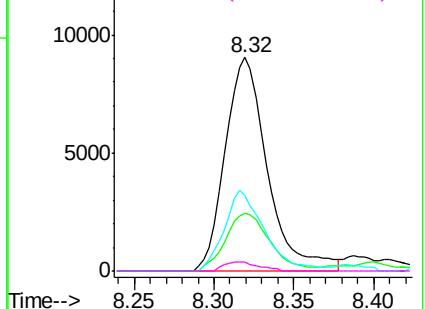
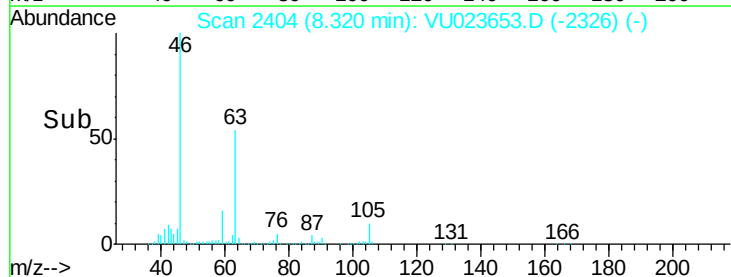


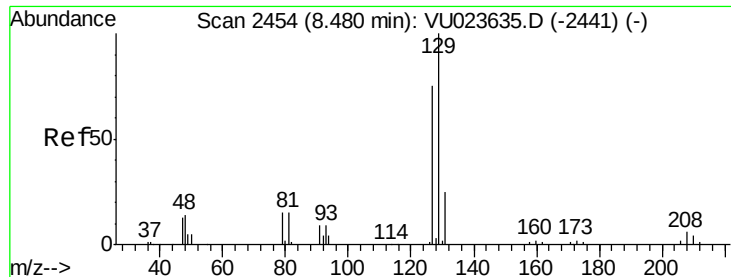
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 6.54 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU023653.D

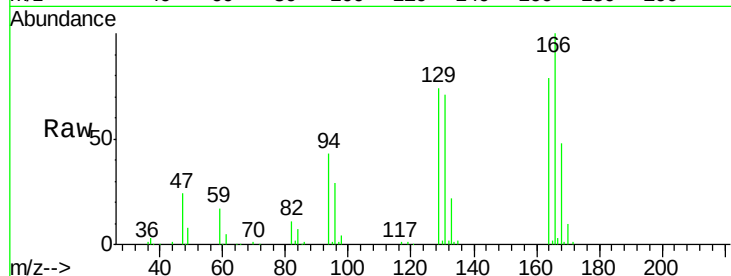
Acq: 05 May 2018 01:18

Tgt Ion: 129 Resp: 56027

Ion Ratio Lower Upper

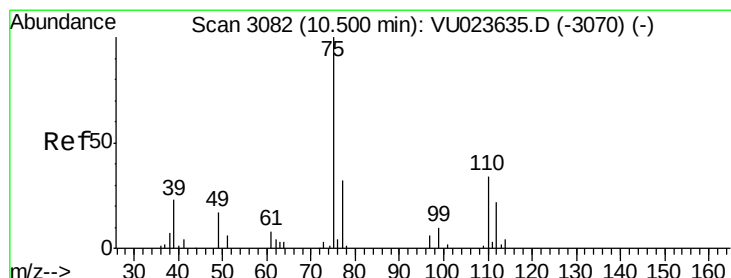
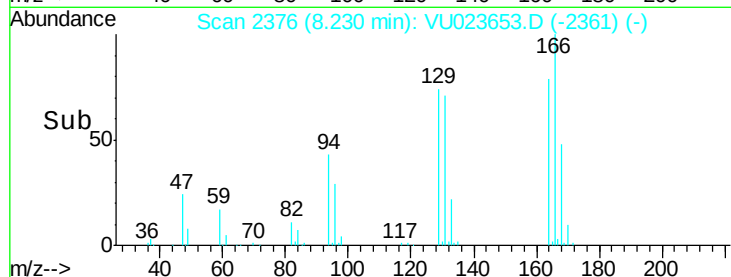
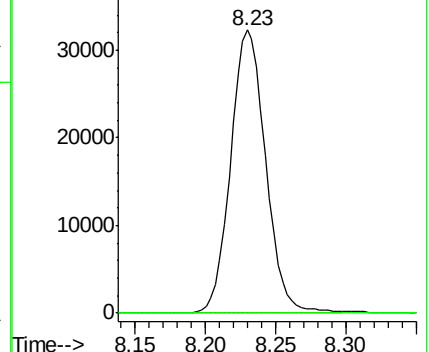
129 100

127 0.0 56.9 105.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.99 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023653.D

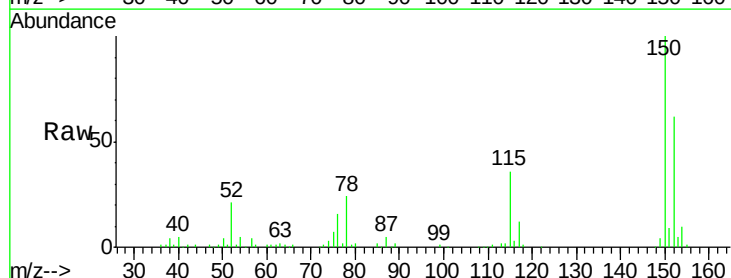
Acq: 05 May 2018 01:18

Tgt Ion: 75 Resp: 6941

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

