

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023663.D
 Acq On : 05 May 2018 12:51
 Operator : MD/SY
 Sample : J2630-19DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 06 01:13:29 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	158462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	72066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47423	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	39607	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.27	63	67196	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.20	46	139133	41.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.68%
24) Chloroform-d	4.65	84	95129	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	50509	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.34	84	183821	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.34	67	64763	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.57	98	155018	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.85	79	19594	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.32	63	103930	39.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46949	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	63108	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

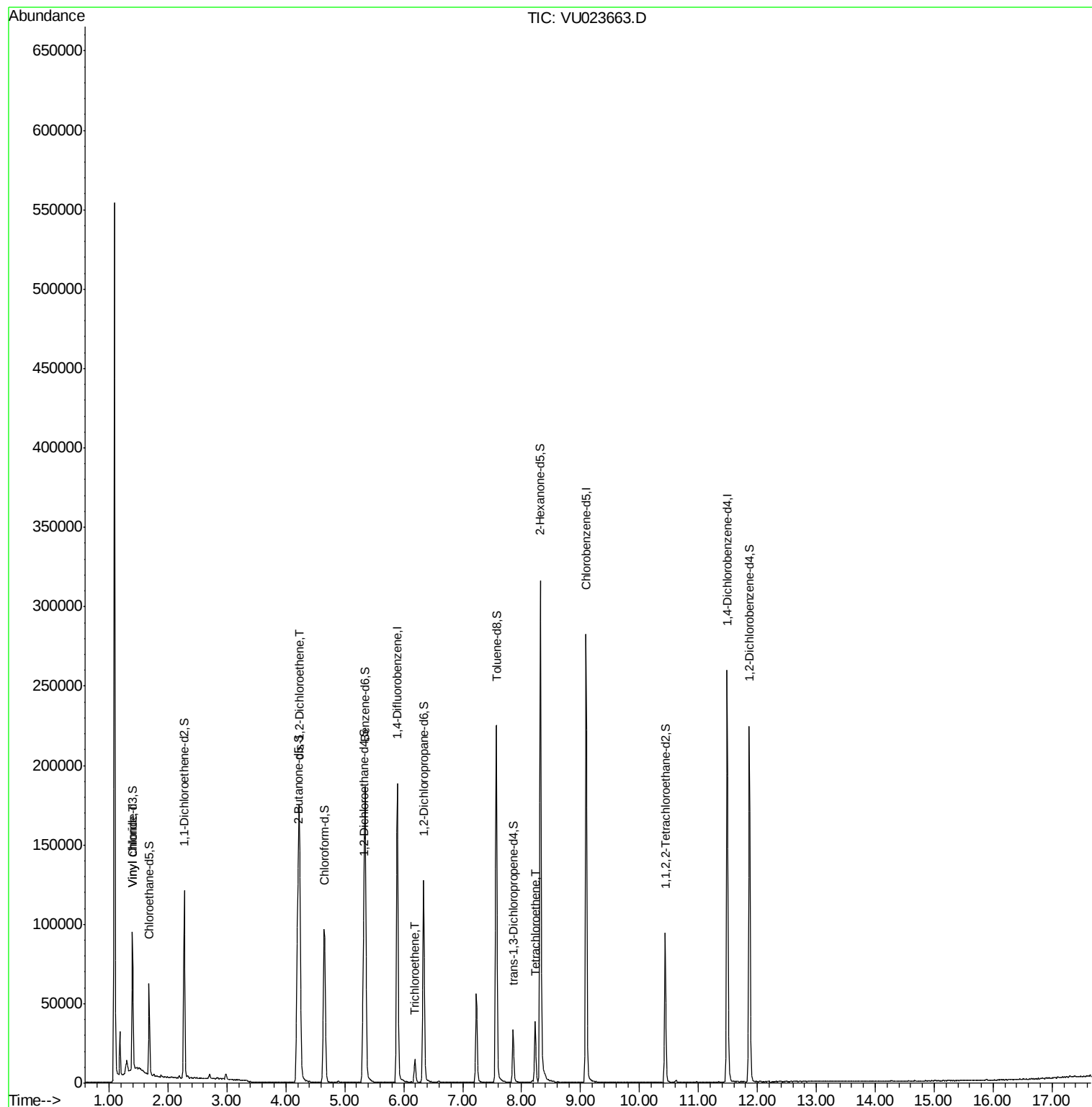
Target Compounds

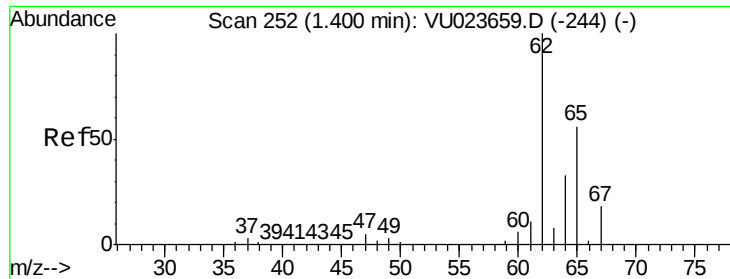
					Ovalue
5) Vinyl chloride	1.40	62	11812	0.80	ug/L # 57
22) cis-1,2-Dichloroethene	4.23	96	82826	6.76	ug/L 97
34) Trichloroethene	6.19	95	5271	0.42	ug/L 98
47) Tetrachloroethene	8.23	164	9080	0.92	ug/L 98

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

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#5

Vinyl chloride

Concen: 0.80 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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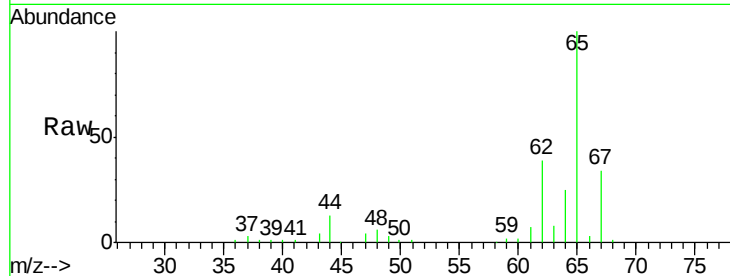
Acq: 05 May 2018 12:51

Tot Ion: 62 Resp: 11812

Ion Ratio Lower Upper

62 100

64 64.7 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

12000

10000

8000

6000

4000

2000

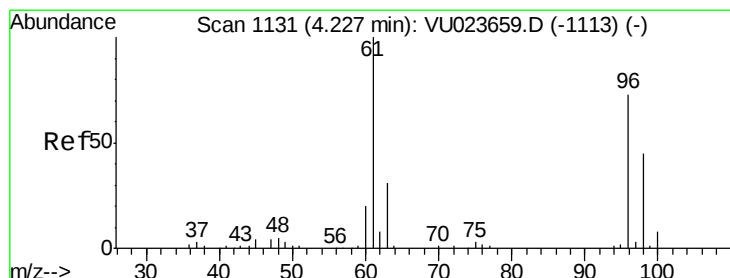
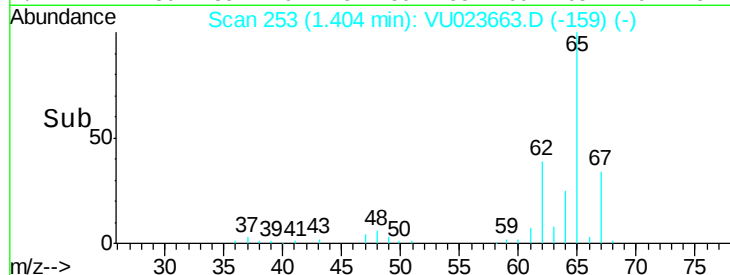
0

Time-->

1.35

1.40

1.45



#22

cis-1,2-Dichloroethene

Concen: 6.76 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023663.D

Acq: 05 May 2018 12:51

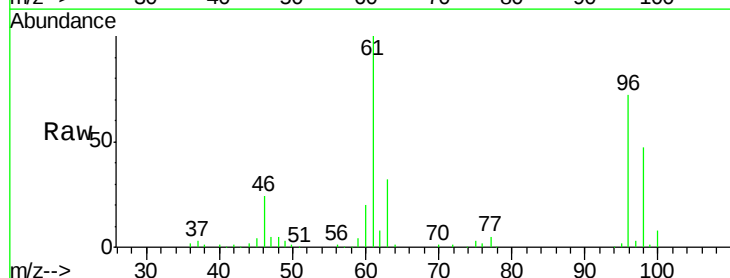
Tgt Ion: 96 Resp: 82826

Ion Ratio Lower Upper

96 100

61 138.5 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

60000

50000

40000

30000

20000

10000

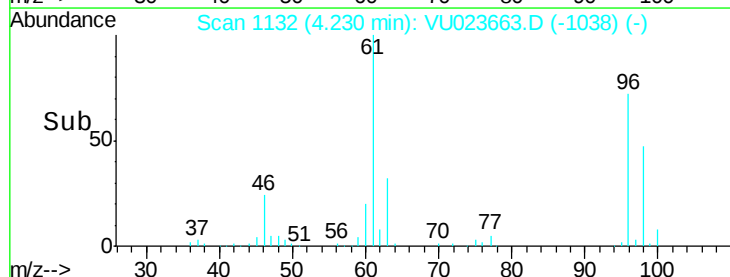
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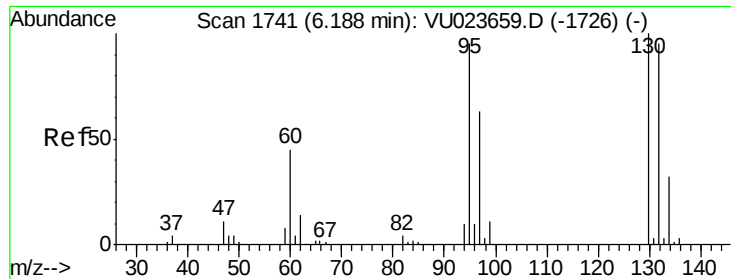
Time-->

4.10

4.20

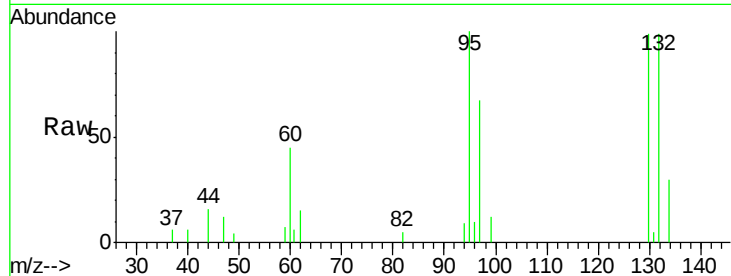
4.30



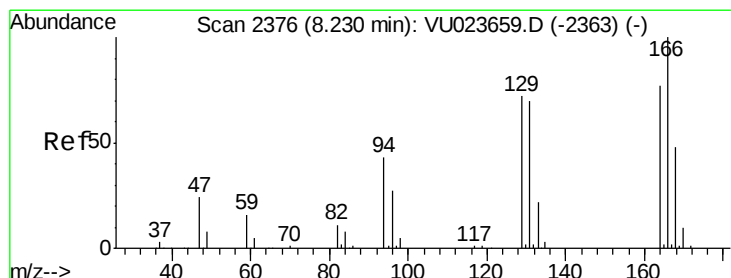
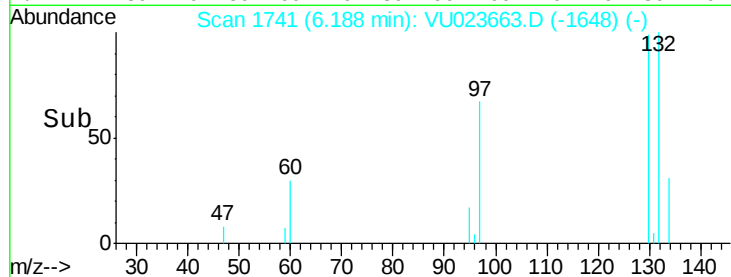
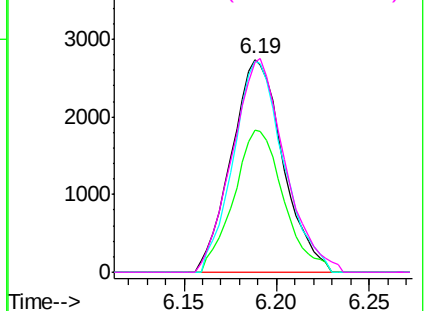


#34
 Trichloroethene
 Concen: 0.42 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU023663.D
 Acq: 05 May 2018 12:51

Tot Ion:	95	Resp:	5271
Ion	Ratio	Lower	Upper
95	100		
97	66.8	46.0	85.4
132	99.2	68.1	126.5
130	98.6	70.1	130.1

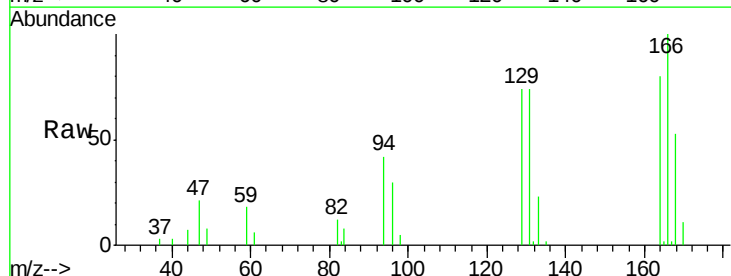


Abundance Ion 95.00 (94.70 to 95.70): VU023663.D (-1648) (-)
 Ion 96.95 (96.65 to 97.65): VU023663.D (-1648) (-)
 Ion 131.95 (131.65 to 132.65): VU023663.D (-1648) (-)
 Ion 129.95 (129.65 to 130.65): VU023663.D (-1648) (-)



#47
 Tetrachloroethene
 Concen: 0.92 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023663.D
 Acq: 05 May 2018 12:51

Tgt Ion:	164	Resp:	9080
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.4	119.6
131	92.6	63.9	118.7
166	125.2	90.0	167.2



Abundance Ion 163.90 (163.60 to 164.60): VU023663.D (-2283) (-)
 Ion 128.95 (128.65 to 129.65): VU023663.D (-2283) (-)
 Ion 130.95 (130.65 to 131.65): VU023663.D (-2283) (-)
 Ion 165.90 (165.60 to 166.60): VU023663.D (-2283) (-)

