

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071818\
 Data File : VU025500.D
 Acq On : 18 Jul 2018 16:24
 Operator : MD/SY
 Sample : J3984-13DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 19 01:49:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327078	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62812	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.44%
7) Chloroethane-d5	1.68	69	59428	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.27	63	111797	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
21) 2-Butanone-d5	4.18	46	177353	108.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.06%
24) Chloroform-d	4.65	84	177285	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.31	65	125430	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
32) Benzene-d6	5.35	84	336194	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.33	67	113033	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.57	98	313438	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.85	79	54604	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.31	63	133670	108.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.41%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170775	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	134016	45.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.98%

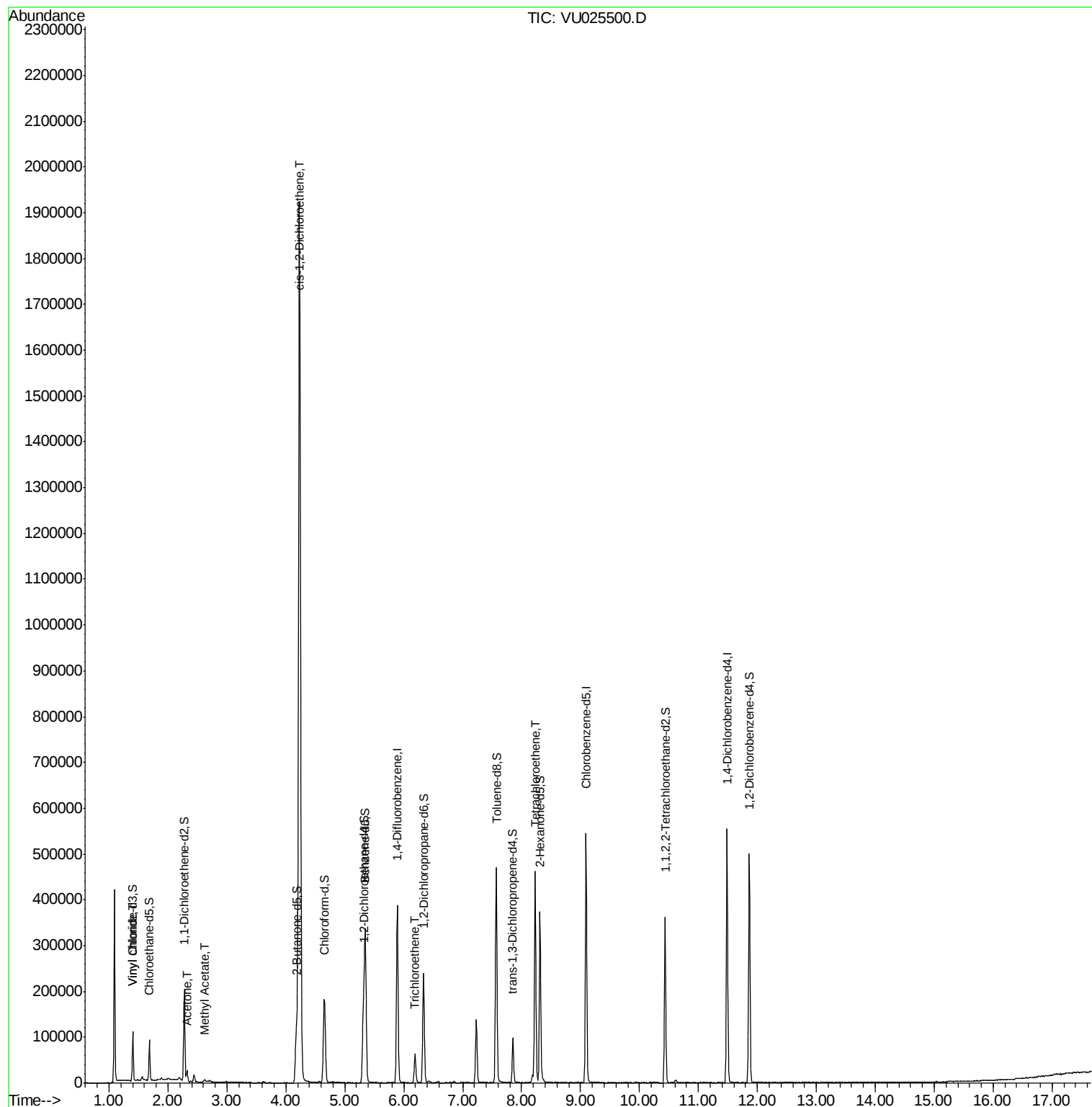
Target Compounds

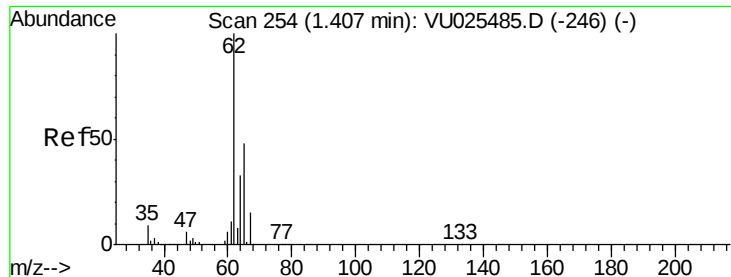
					Ovalue
5) Vinyl chloride	1.41	62	8208	3.43 ug/L	# 82
13) Acetone	2.32	43	24674	17.22 ug/L	98
15) Methyl Acetate	2.62	43	4742	1.79 ug/L	# 72
20) cis-1,2-Dichloroethene	4.23	96	1071756	417.45 ug/L	99
34) Trichloroethene	6.19	95	21742	9.34 ug/L	96
46) Tetrachloroethene	8.23	164	102614	52.85 ug/L	97

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

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#5

Vinyl chloride

Concen: 3.43 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025500.D

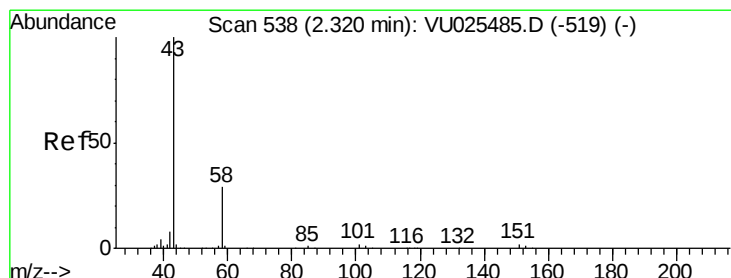
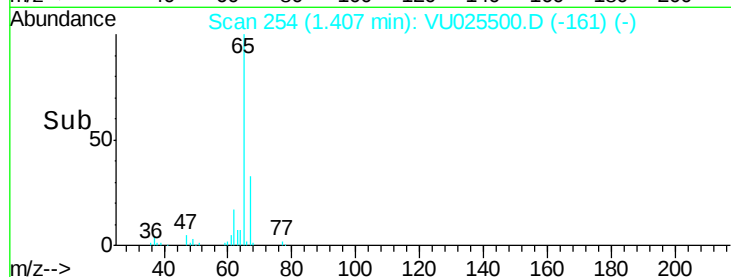
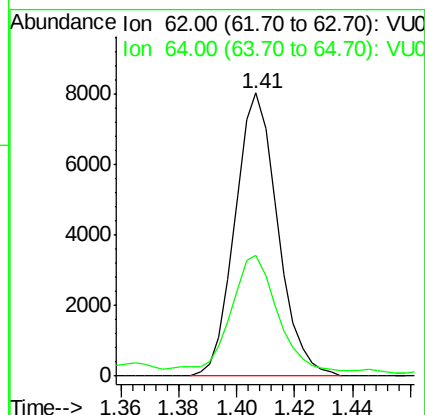
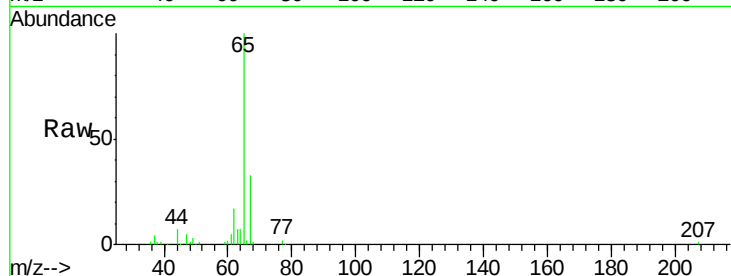
Acq: 18 Jul 2018 16:24

Tot Ion: 62 Resp: 8208

Ion Ratio Lower Upper

62 100

64 42.6 22.7 42.1#



#13

Acetone

Concen: 17.22 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025500.D

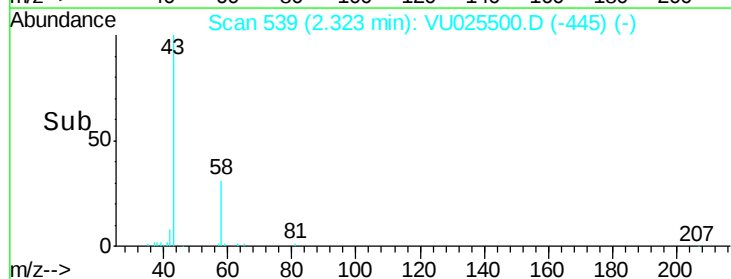
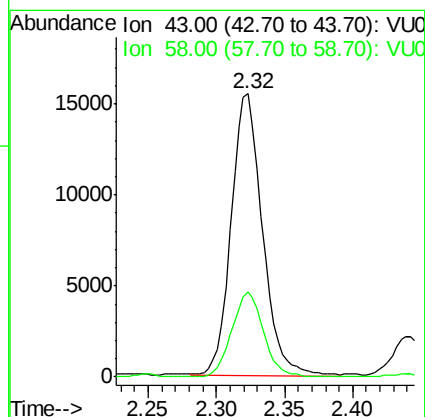
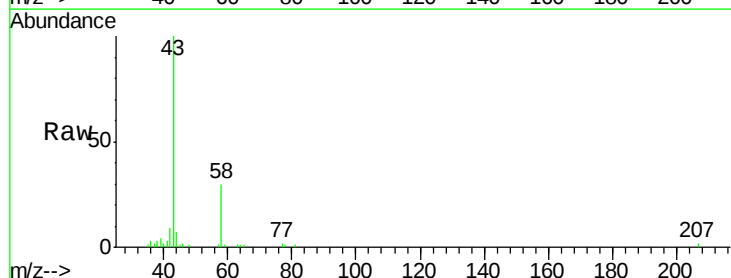
Acq: 18 Jul 2018 16:24

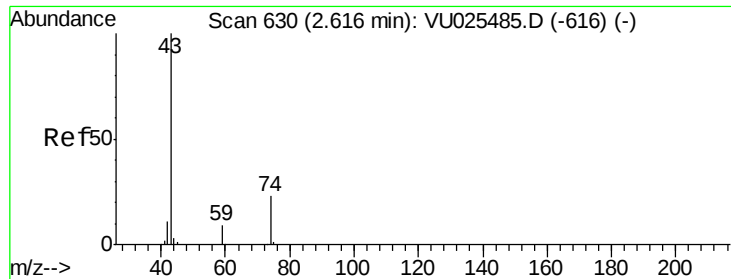
Tgt Ion: 43 Resp: 24674

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.0





#15

Methyl Acetate

Concen: 1.79 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025500.D

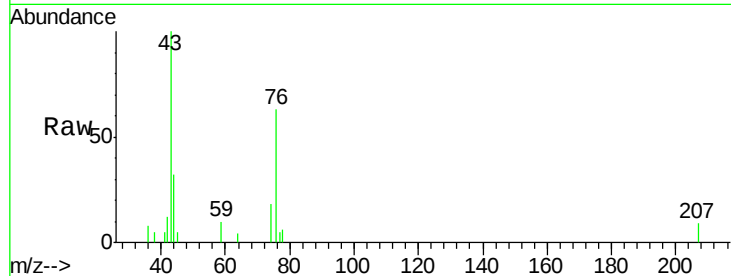
Acq: 18 Jul 2018 16:24

Tot Ion: 43 Resp: 4742

Ion Ratio Lower Upper

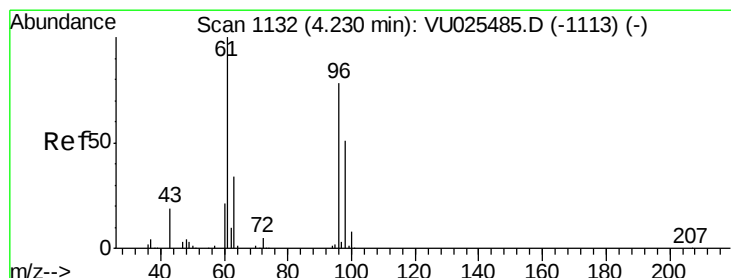
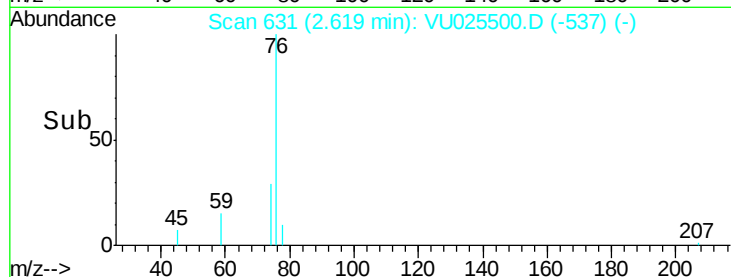
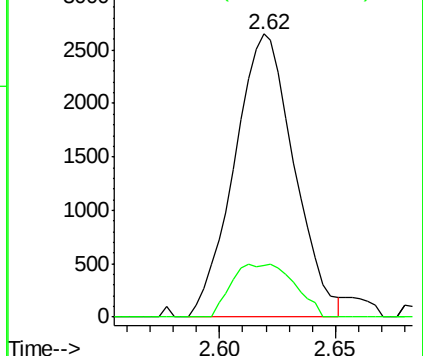
43 100

74 8.6 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 417.45 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025500.D

Acq: 18 Jul 2018 16:24

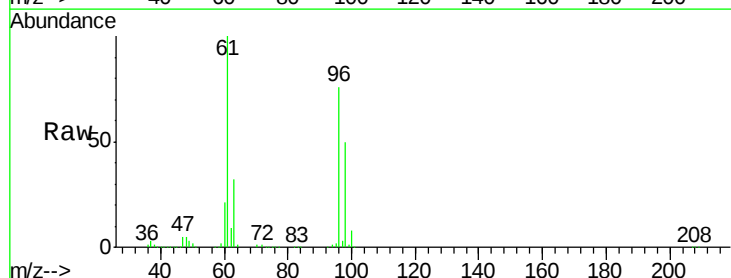
Tgt Ion: 96 Resp: 1071756

Ion Ratio Lower Upper

96 100

61 131.9 91.7 170.3

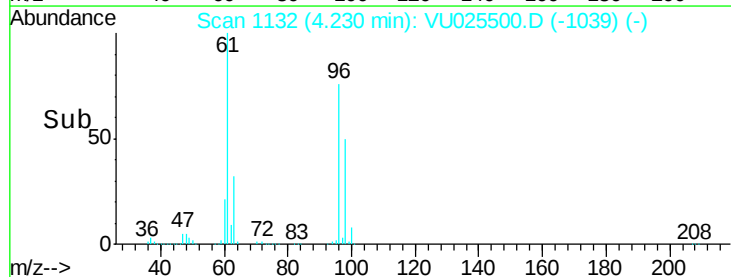
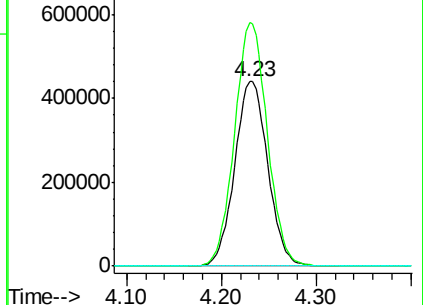
68 0.0 0.0 0.0

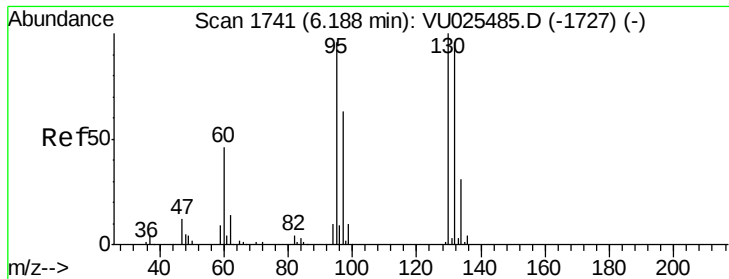


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 9.34 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025500.D

Acq: 18 Jul 2018 16:24

Tot Ion: 95 Resp: 21742

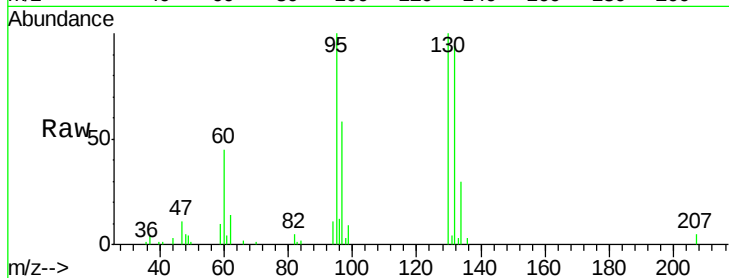
Ion Ratio Lower Upper

95 100

97 58.2 45.9 85.3

132 94.1 68.2 126.6

130 100.4 71.8 133.4

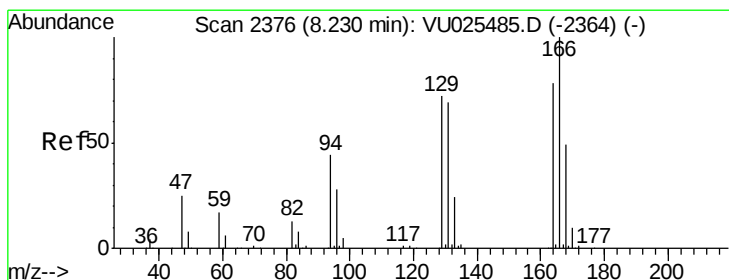
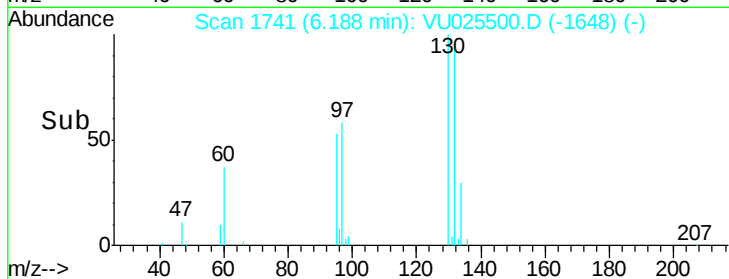
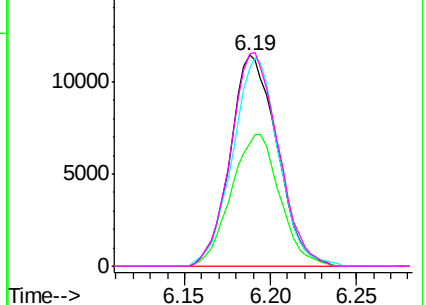


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 52.85 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025500.D

Acq: 18 Jul 2018 16:24

Tgt Ion:164 Resp: 102614

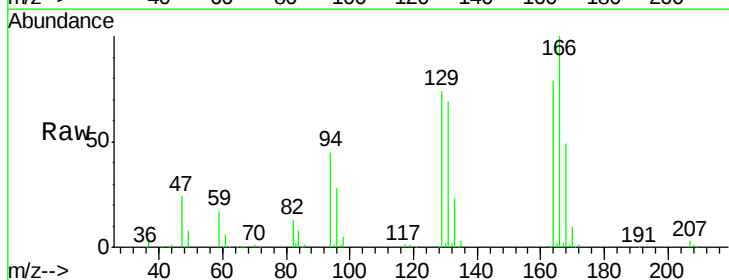
Ion Ratio Lower Upper

164 100

129 92.8 66.5 123.5

131 87.1 63.7 118.3

166 126.0 90.8 168.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

