

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024190.D
 Acq On : 27 May 2018 15:52
 Operator : MD/SY
 Sample : J3089-16 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 28 04:40:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	100301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115596	48.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.84%
7) Chloroethane-d5	1.68	69	92981	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.10%
11) 1,1-Dichloroethene-d2	2.27	63	153428	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.18	46	157759	83.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	4.65	84	190871	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	5.31	65	125843	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.35	84	402397	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.34	67	132688	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.57	98	338093	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	47678	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.31	63	106896	82.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.47%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173445	43.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.52%
64) 1,2-Dichlorobenzene-d4	11.87	152	112183	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

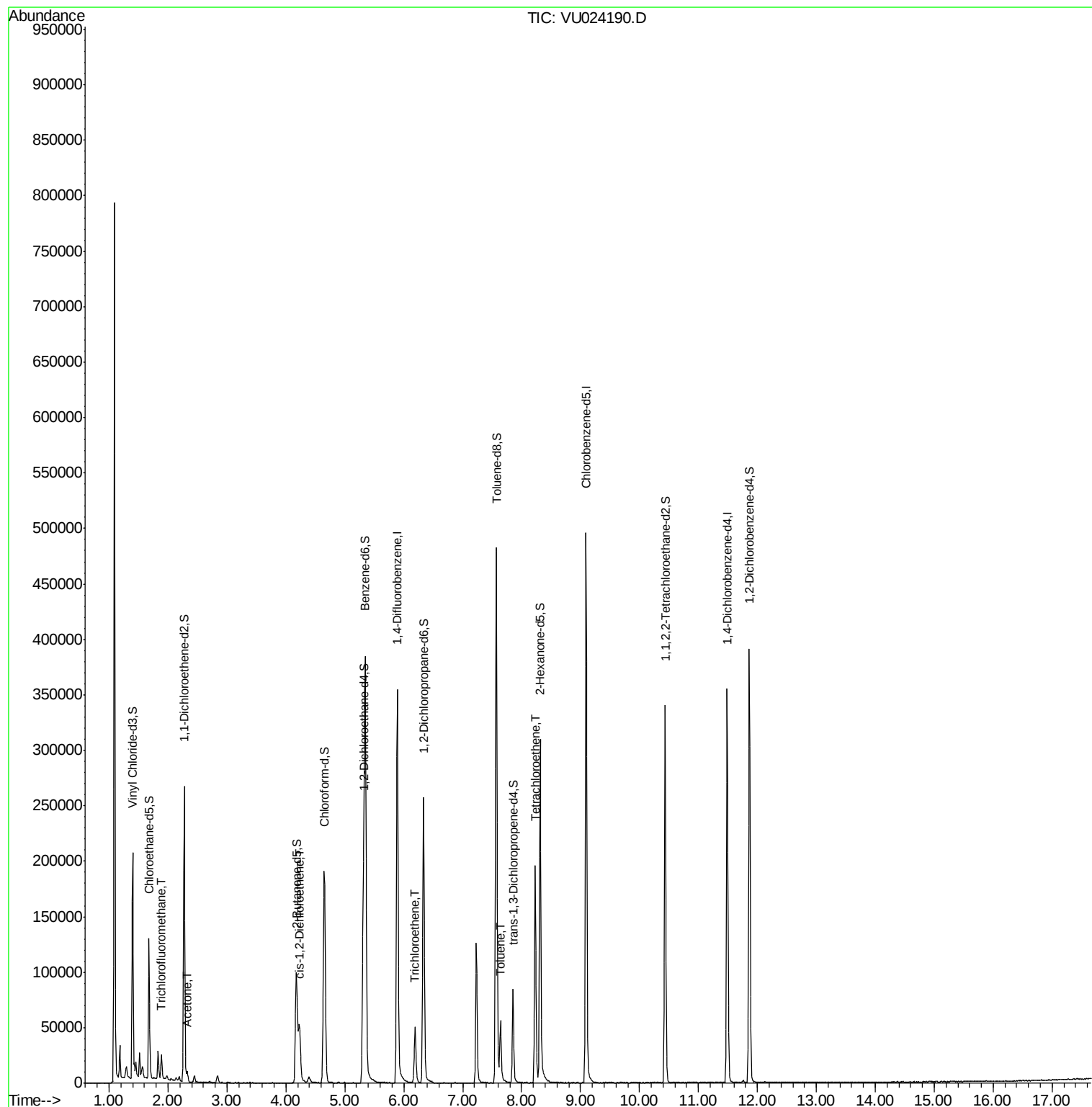
Target Compounds

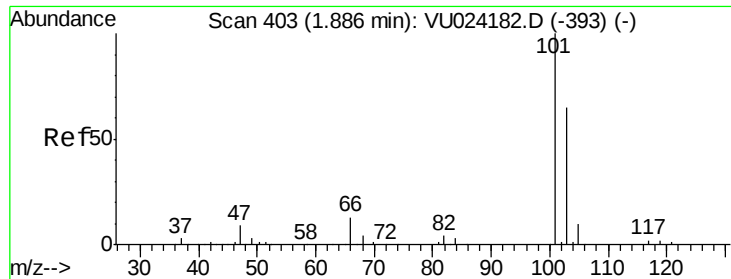
					Ovalue
9) Trichlorofluoromethane	1.89	101	11349	3.01	ug/L 95
13) Acetone	2.32	43	7345	4.49	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	26573	10.62	ug/L 98
34) Trichloroethene	6.19	95	17707	6.61	ug/L 93
42) Toluene	7.64	91	39847	4.12	ug/L 99
46) Tetrachloroethene	8.23	164	48554	25.91	ug/L 98

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

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#9

Trichlorofluoromethane

Concen: 3.01 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024190.D

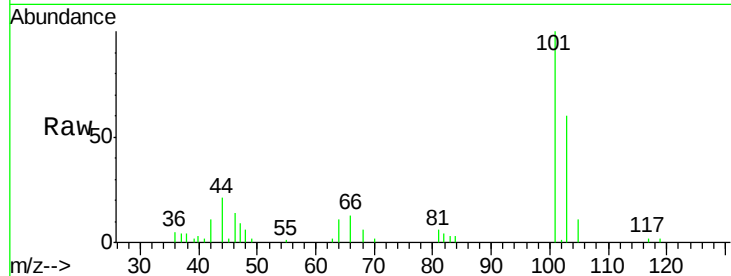
Acq: 27 May 2018 15:52

Tot Ion:101 Resp: 11349

Ion Ratio Lower Upper

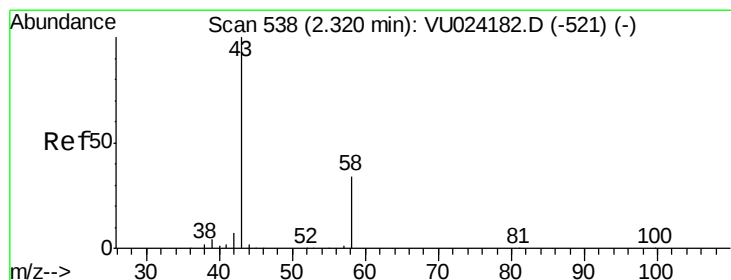
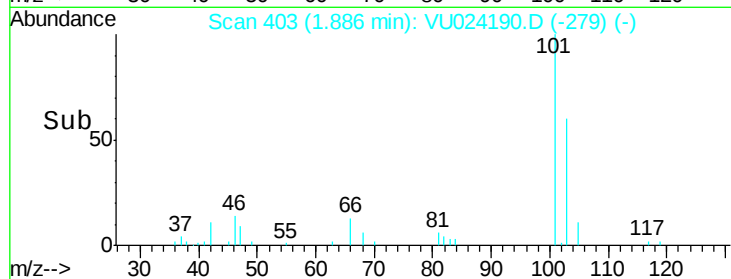
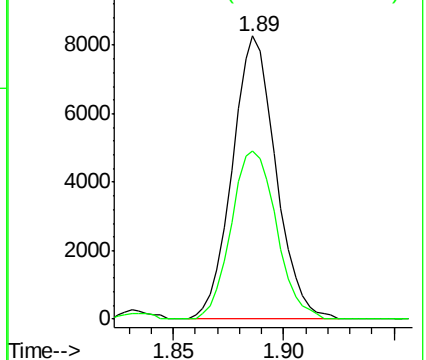
101 100

103 61.5 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 4.49 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024190.D

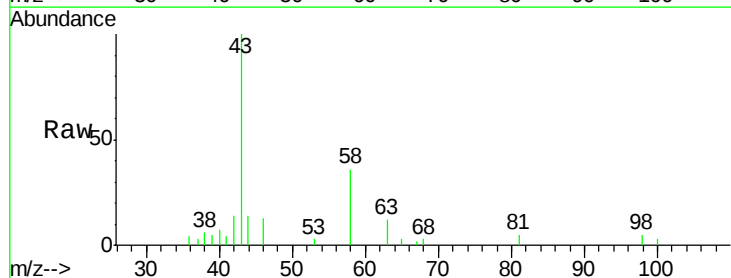
Acq: 27 May 2018 15:52

Tgt Ion: 43 Resp: 7345

Ion Ratio Lower Upper

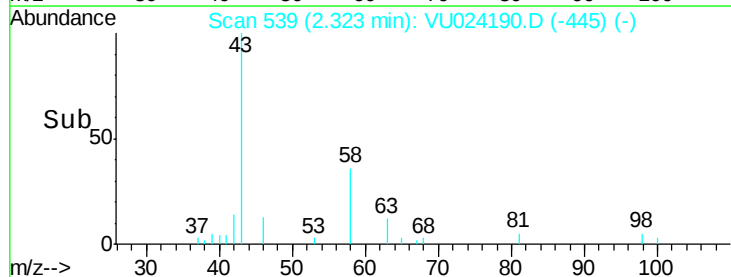
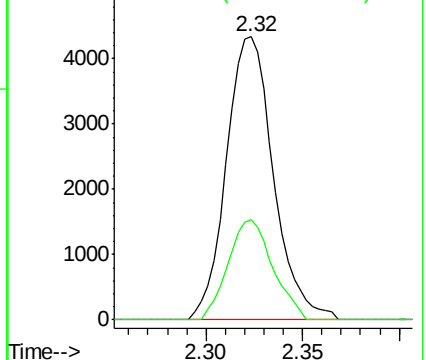
43 100

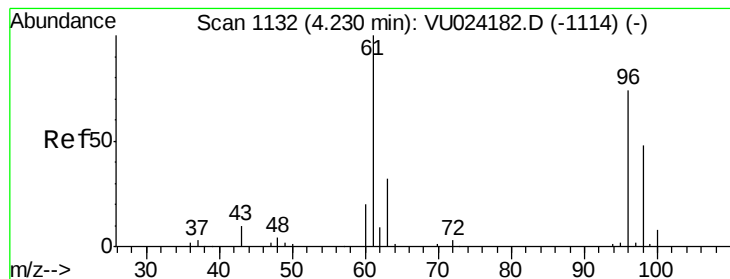
58 33.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 10.62 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU024190.D

Acq: 27 May 2018 15:52

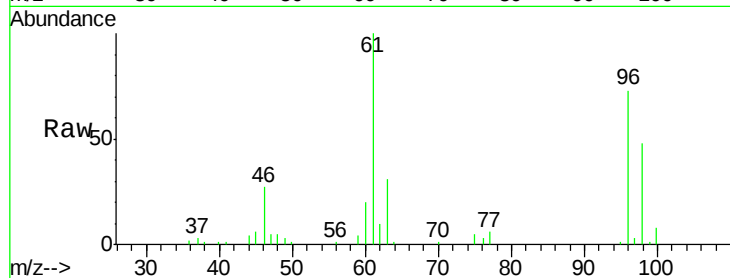
Tot Ion: 96 Resp: 26573

Ion Ratio Lower Upper

96 100

61 137.8 94.8 176.0

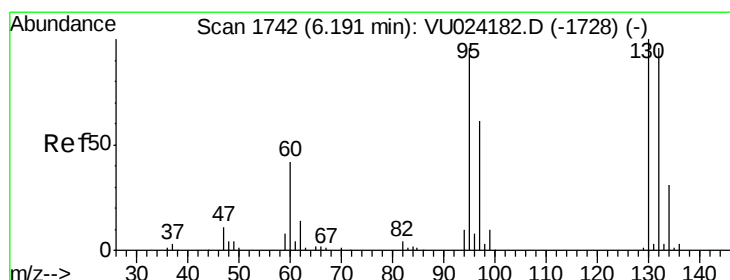
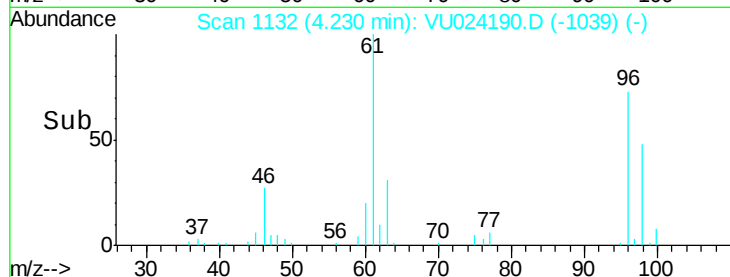
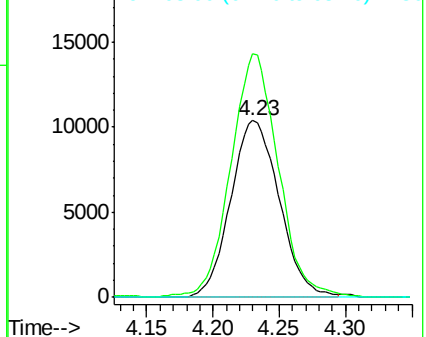
68 0.0 0.0 0.0



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: 6.61 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024190.D

Acq: 27 May 2018 15:52

Tgt Ion: 95 Resp: 17707

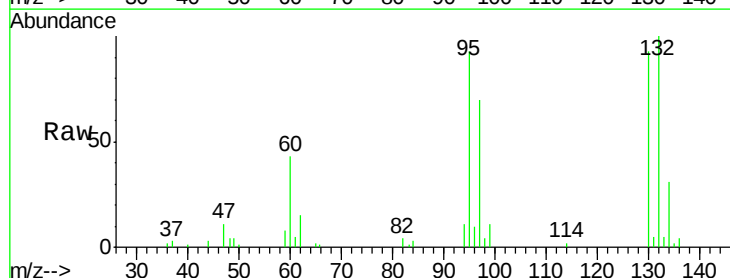
Ion Ratio Lower Upper

95 100

97 75.0 44.5 82.7

132 107.1 69.0 128.2

130 99.5 70.6 131.0

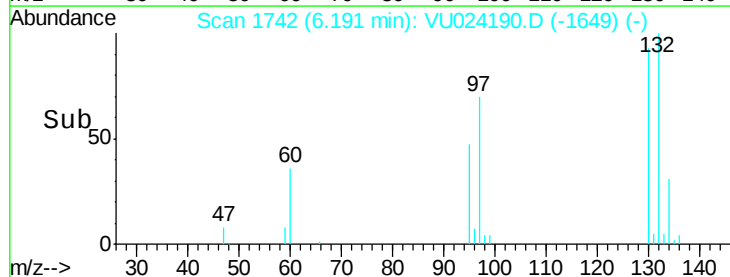
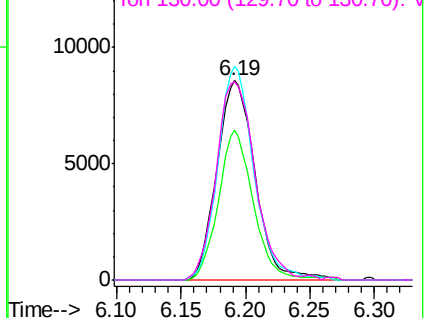


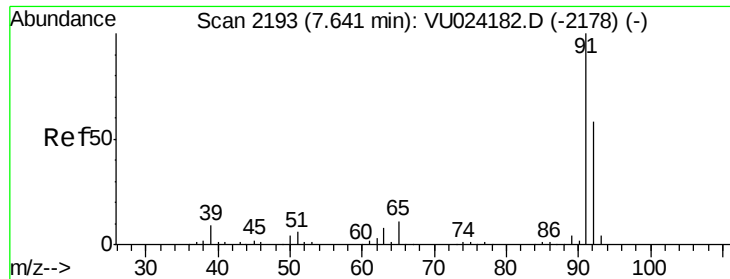
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 4.12 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024190.D

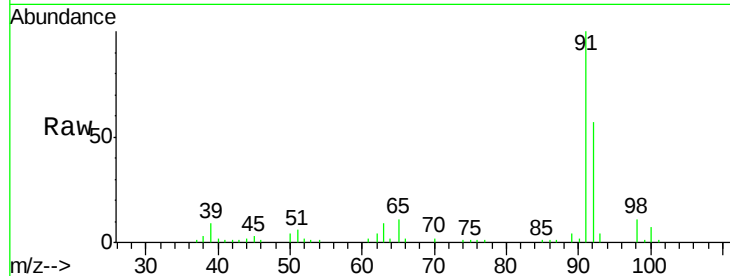
Acq: 27 May 2018 15:52

Tot Ion: 91 Resp: 39847

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU024182.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU024182.D (-2178) (-)

7.64

25000

20000

15000

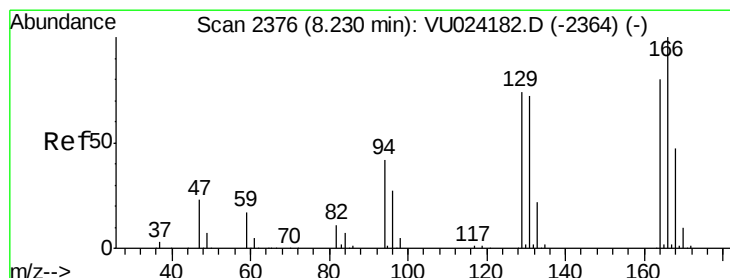
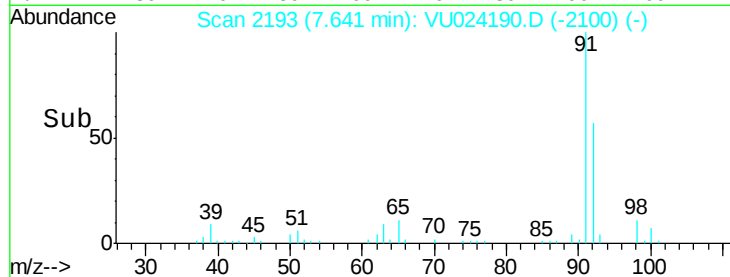
10000

5000

0

Time-->

7.60 7.65 7.70



#46

Tetrachloroethene

Concen: 25.91 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024190.D

Acq: 27 May 2018 15:52

Tgt Ion: 164 Resp: 48554

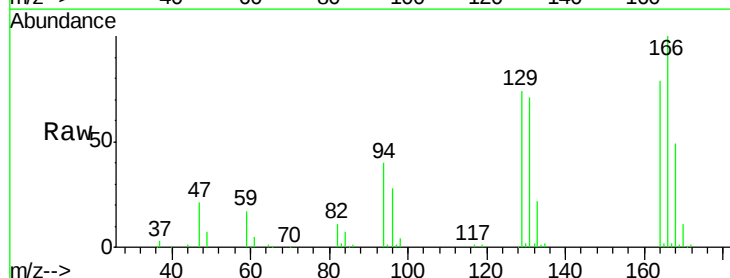
Ion Ratio Lower Upper

164 100

129 93.3 66.6 123.6

131 89.4 64.5 119.9

166 125.8 89.3 165.9



Abundance Ion 164.00 (163.70 to 164.70): VU024182.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU024182.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU024182.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU024182.D (-2364) (-)

50000

40000

30000

20000

10000

0

Time-->

8.15 8.20 8.25 8.30 8.35

