

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026466.D
 Acq On : 30 Aug 2018 23:09
 Operator : MD/SY
 Sample : J4691-04DL 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40922	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.18%
7) Chloroethane-d5	1.68	69	37113	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethene-d2	2.27	63	58824	27.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.64%#
21) 2-Butanone-d5	4.18	46	64836	88.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.99%
24) Chloroform-d	4.65	84	74809	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.38%
26) 1,2-Dichloroethane-d4	5.31	65	52389	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
32) Benzene-d6	5.34	84	150024	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.33	67	51415	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.57	98	136189	42.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.72%
43) trans-1,3-Dichloropropene-	7.85	79	22266	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.31	63	47783	91.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72522	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	54925	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

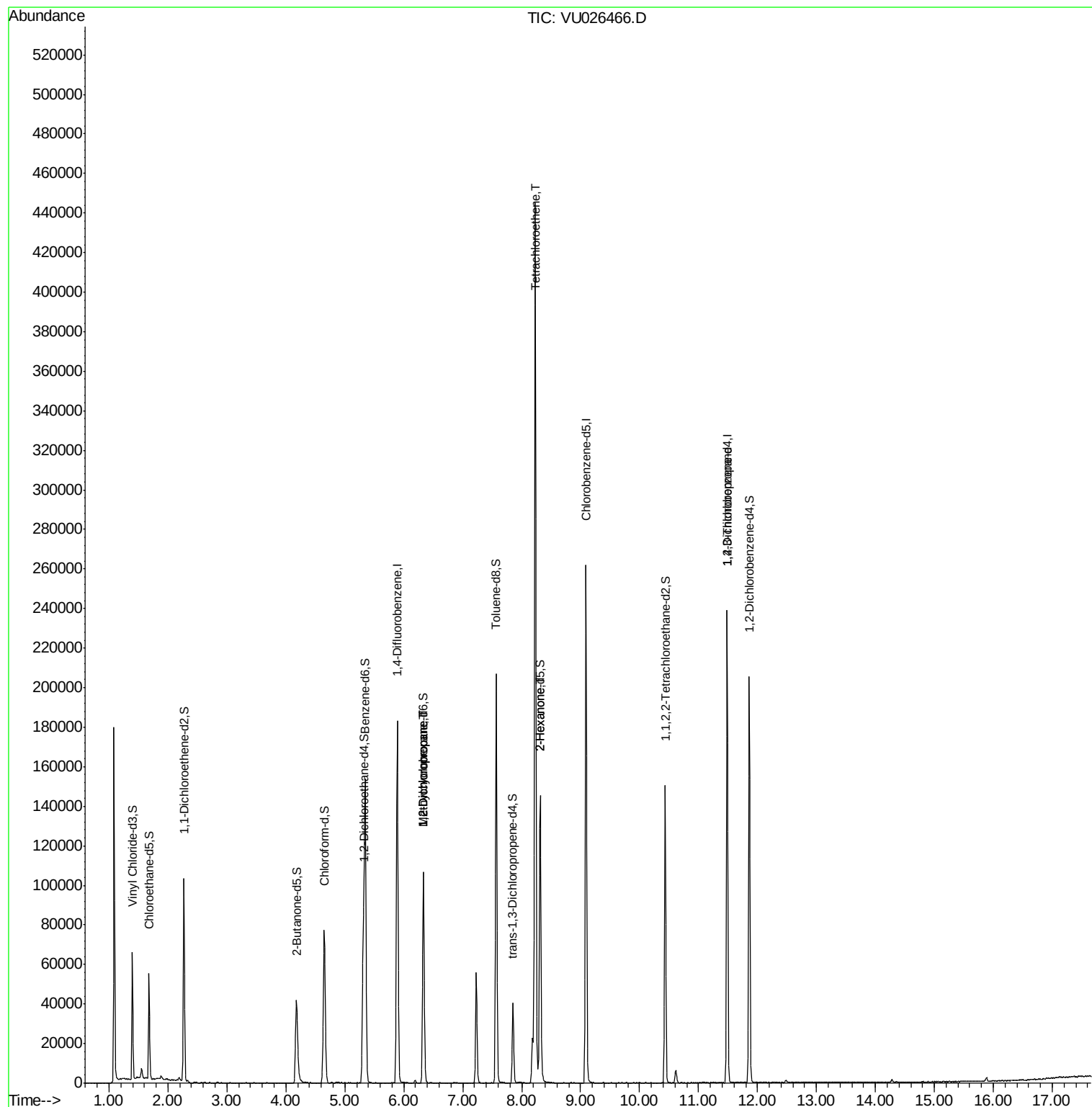
					Ovalue
35) Methylcyclohexane	6.33	83	11395	7.022	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5653	4.929	ug/L # 88
46) Tetrachloroethene	8.23	164	98526	115.961	ug/L # 97
48) 2-Hexanone	8.31	43	6180	5.073	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	7084	4.950	ug/L # 88

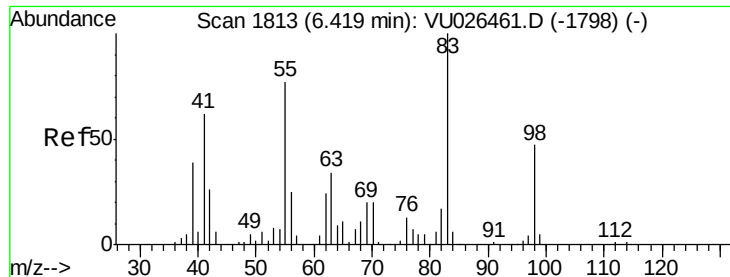
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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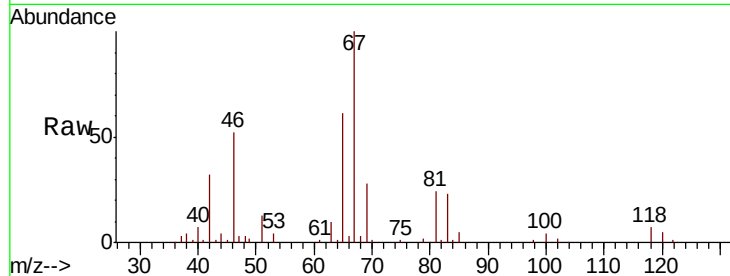




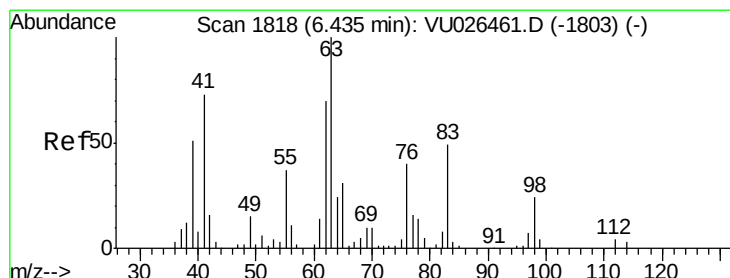
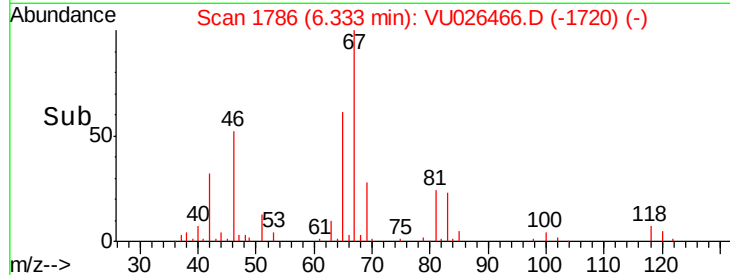
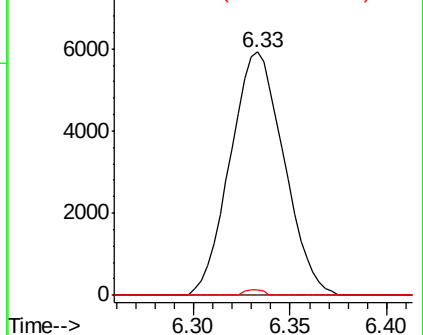
#35
Methylvlcyclohexane
Concen: 7.022 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026466.D
Acq: 30 Aug 2018 23:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	11395
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.3	94.9#
98	0.8	36.7	55.1#

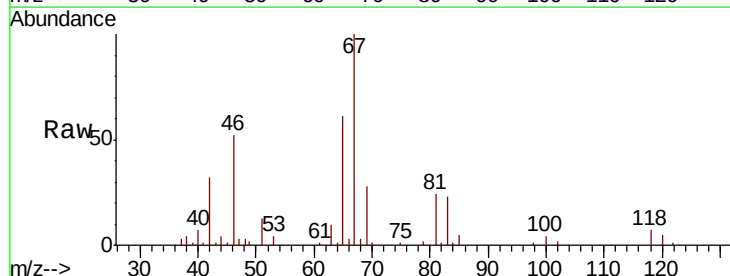


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

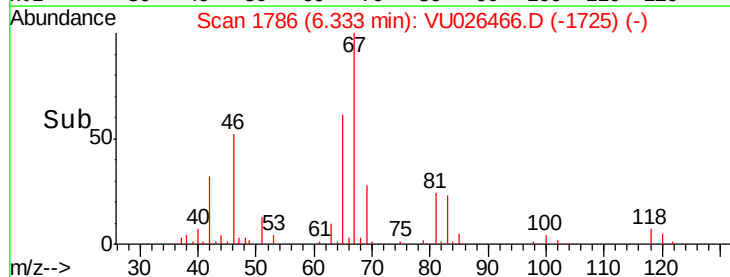
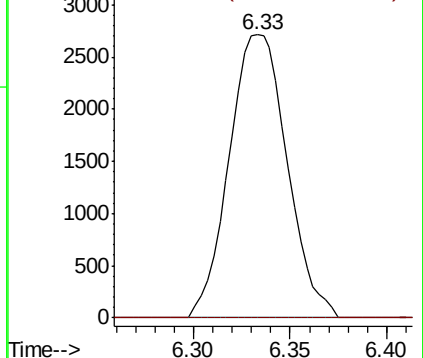


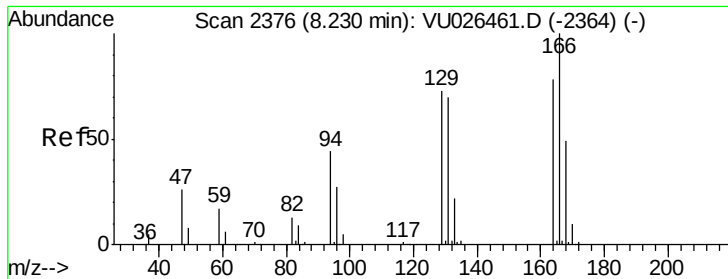
#37
1,2-Dichloropropane
Concen: 4.929 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026466.D
Acq: 30 Aug 2018 23:09

Tgt Ion	63	Resp	5653
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 115.961 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026466.D

Acq: 30 Aug 2018 23:09

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 98526

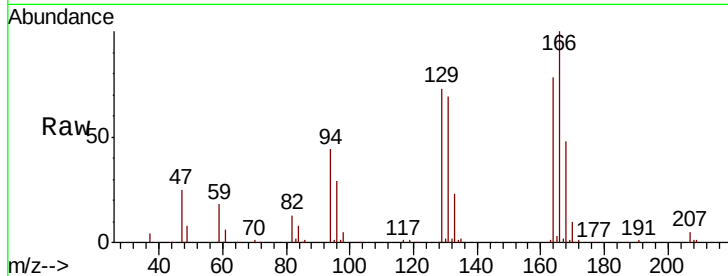
Ion Ratio Lower Upper

164 100

129 93.6 67.3 125.1

131 88.1 65.3 121.3

166 128.0 90.9 168.7

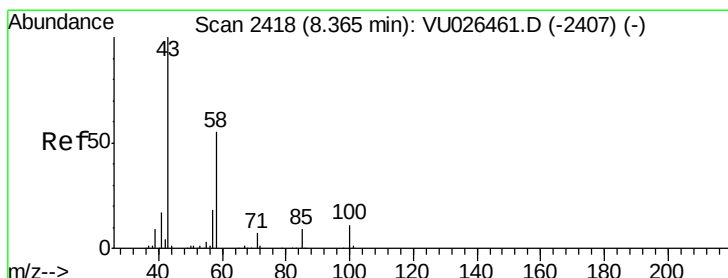
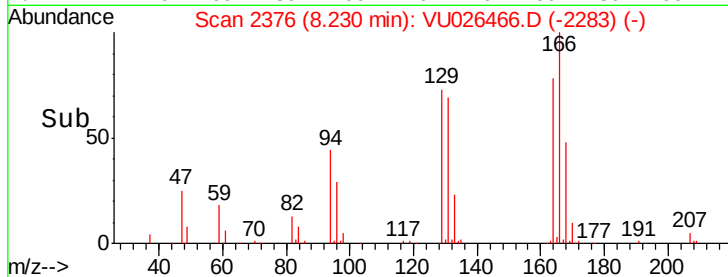
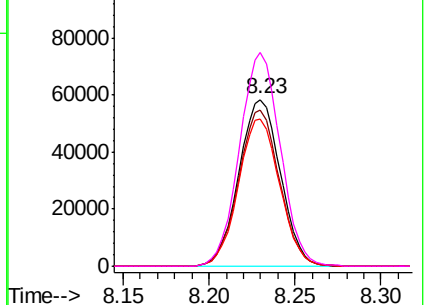


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.073 ug/L

RT: 8.31 min Scan# 2401

Delta R.T. -0.05 min

Lab File: VU026466.D

Acq: 30 Aug 2018 23:09

Tgt Ion: 43 Resp: 6180

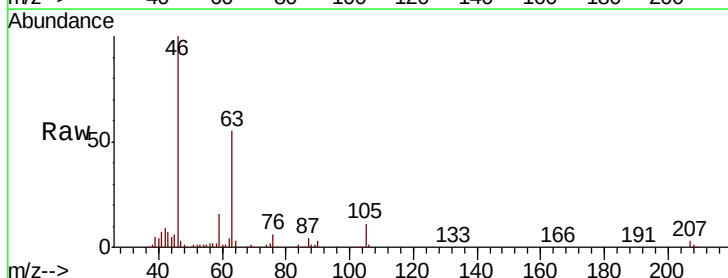
Ion Ratio Lower Upper

43 100

58 25.8 42.2 63.4#

57 25.7 14.6 21.8#

100 0.0 8.3 12.5#

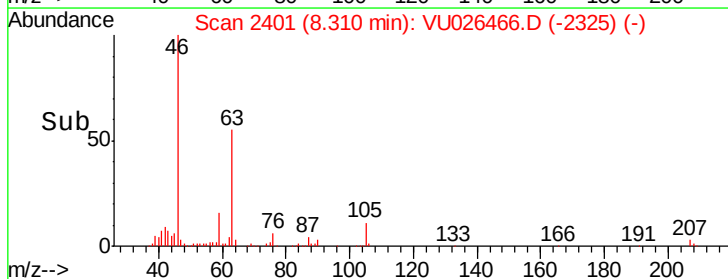
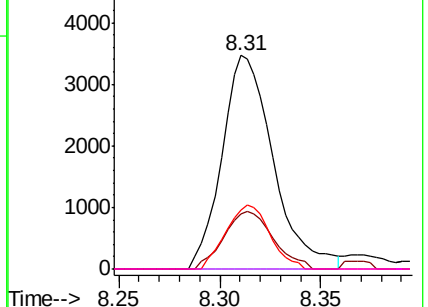


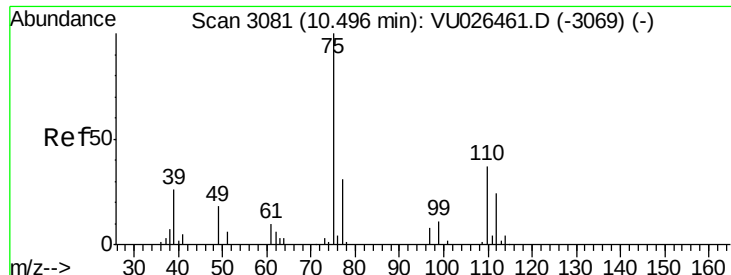
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.950 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026466.D

Acq: 30 Aug 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7084

Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.6#

