

Data File : VU026520.D
Acq On : 04 Sep 2018 13:11
Operator : MD/SY
Sample : J4694-03DL 2500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE21DL

Quant Time: Sep 05 01:11:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167115	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155344	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	67773	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50574	48.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.68%
7) Chloroethane-d5	1.68	69	43704	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.27	63	64298	27.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.14%#
21) 2-Butanone-d5	4.18	46	70105	87.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	4.65	84	80962	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	54975	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
32) Benzene-d6	5.35	84	162479	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
36) 1,2-Dichloropropane-d6	6.33	67	55008	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.44%
41) Toluene-d8	7.57	98	146939	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%
43) trans-1,3-Dichloropropene-	7.85	79	24219	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.31	63	50697	89.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76030	41.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	56560	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

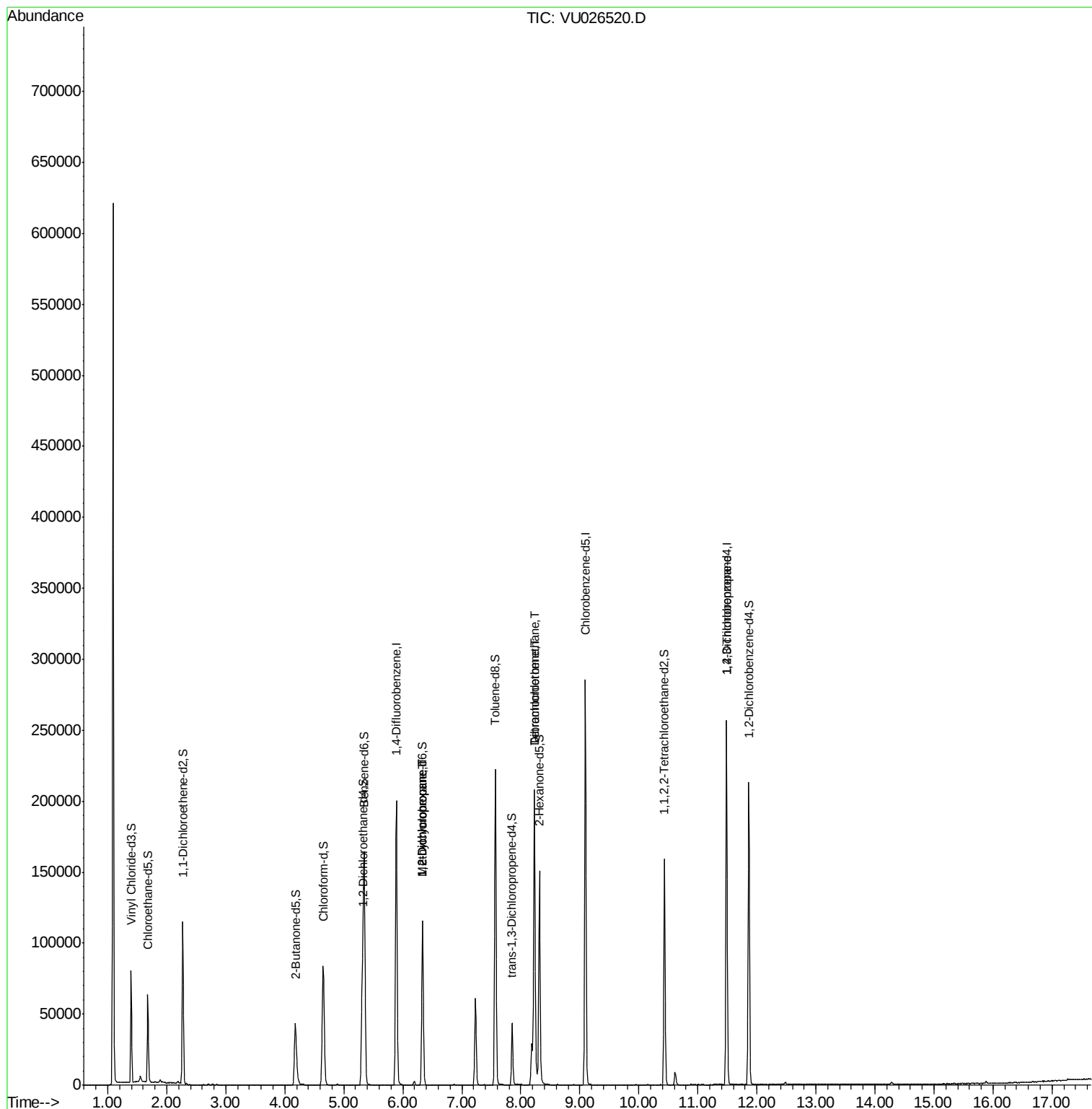
					Qvalue
35) Methylcyclohexane	6.34	83	12737	7.302 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5880	4.769 ug/L #	88
46) Tetrachloroethene	8.23	164	45106	49.388 ug/L	97
49) Dibromochloromethane	8.23	129	40687	31.971 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7887	5.127 ug/L	90

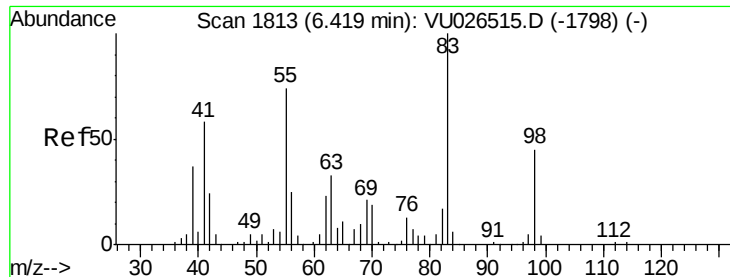
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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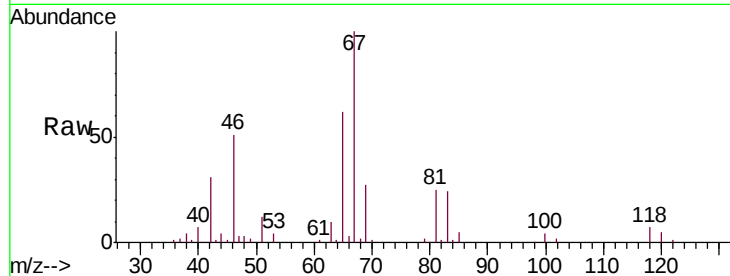




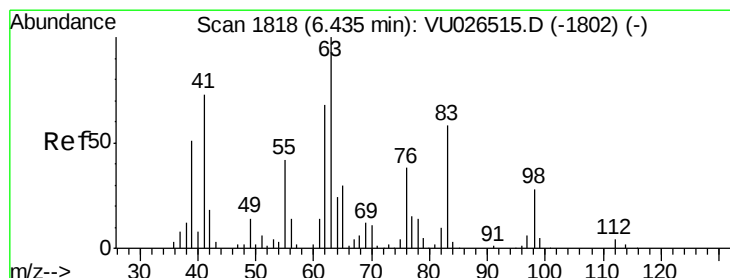
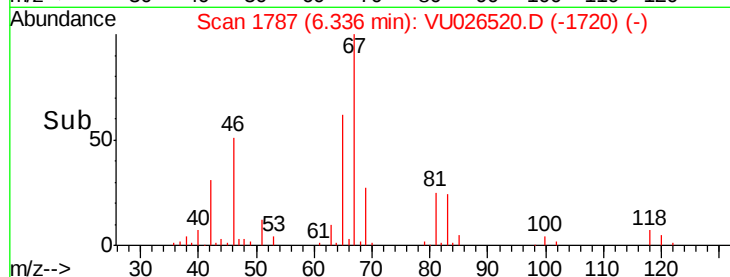
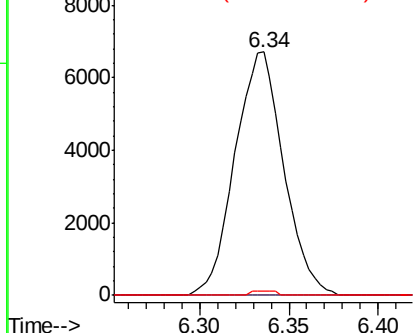
#35
Methylcyclohexane
Concen: 7.302 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026520.D
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Instrument :
MSVOA_U
ClientSampleId :
BEE21DL

Tgt Ion: 83 Resp: 12737
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.9 36.7 55.1#

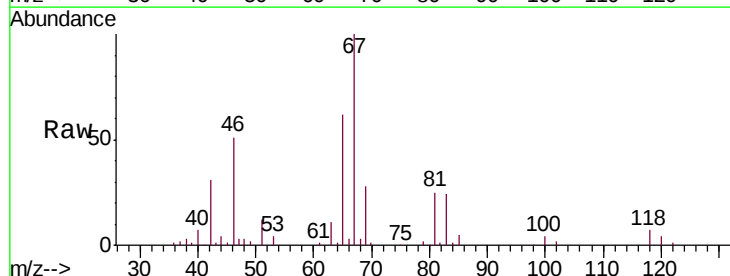


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

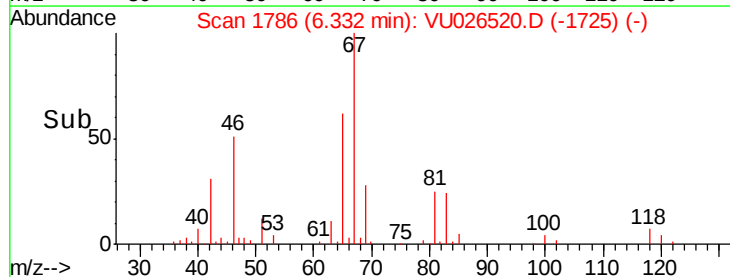
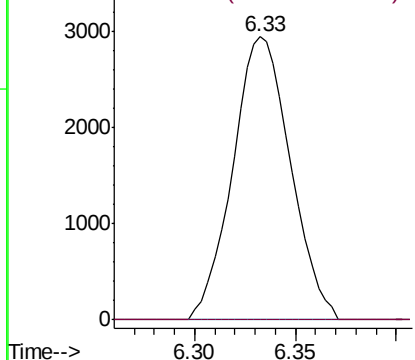


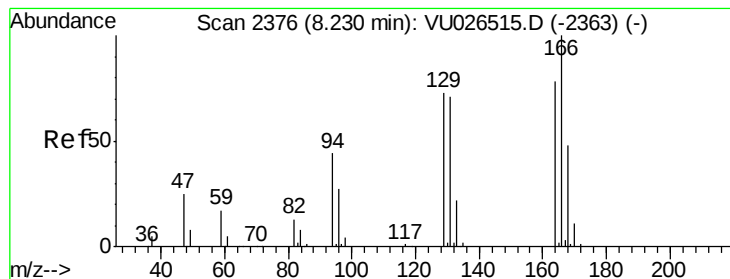
#37
1,2-Dichloropropane
Concen: 4.769 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026520.D
Acq: 04 Sep 2018 13:11

Tgt Ion: 63 Resp: 5880
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: 49.388 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026520.D

Acq: 04 Sep 2018 13:11

Instrument :

MSVOA_U

ClientSampleId :

BEE21DL

Tgt Ion:164 Resp: 45106

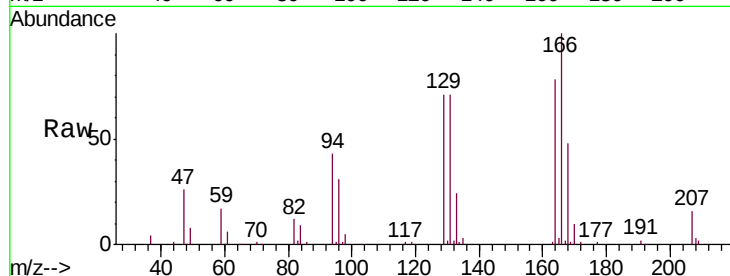
Ion Ratio Lower Upper

164 100

129 91.3 67.3 125.1

131 91.0 65.3 121.3

166 128.0 90.9 168.7



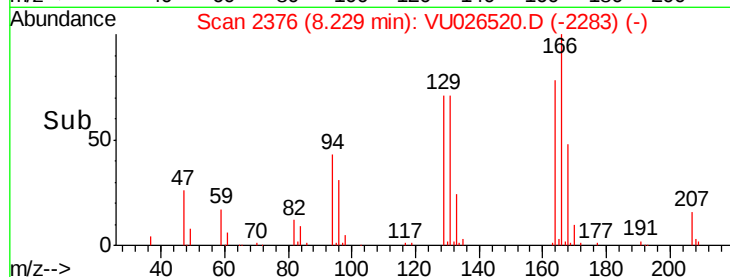
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

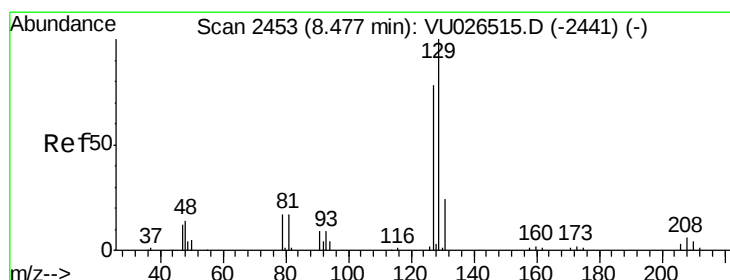
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time--> 8.15 8.20 8.25 8.30



Time--> 8.15 8.20 8.25 8.30



#49

Dibromochloromethane

Concen: 31.971 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026520.D

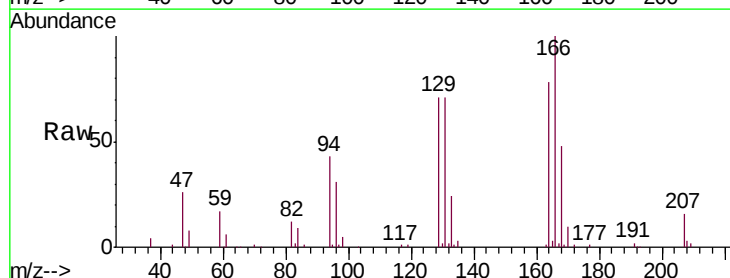
Acq: 04 Sep 2018 13:11

Tgt Ion:129 Resp: 40687

Ion Ratio Lower Upper

129 100

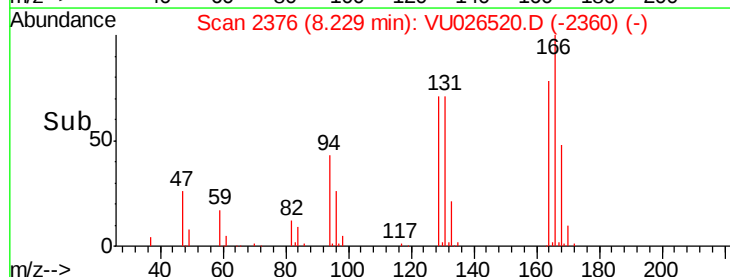
127 0.0 55.0 102.2#



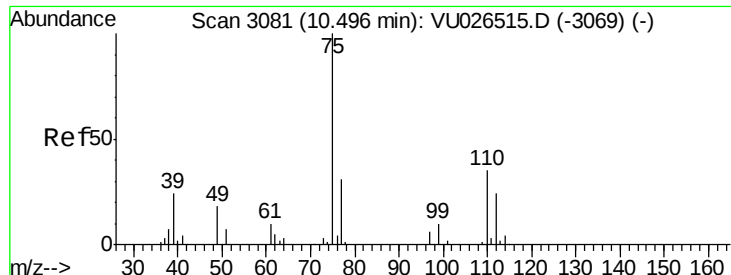
Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

Time--> 8.15 8.20 8.25 8.30



Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 5.127 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026520.D

Acq: 04 Sep 2018 13:11

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 7887

Ion Ratio Lower Upper

75 100

77 36.7 25.0 37.6

