

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036466.D
 Acq On : 15 Jan 2020 13:04
 Operator : JC/MD
 Sample : L1090-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ6

Quant Time: Jan 15 17:16:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 14:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	437634	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	414339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165743	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148386	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.93	69	128948	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.59	63	217810	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
21) 2-Butanone-d5	4.68	46	269646	110.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	5.11	84	299376	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.75	65	212984	56.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.44%
32) Benzene-d6	5.77	84	607116	56.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.06%
36) 1,2-Dichloropropane-d6	6.73	67	196931	55.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.76%
41) Toluene-d8	7.93	98	573230	55.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.86%
43) trans-1,3-Dichloropropene-	8.21	79	103082	54.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.60%
47) 2-Hexanone-d5	8.67	63	207947	115.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	294086	55.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.96%
64) 1,2-Dichlorobenzene-d4	12.22	152	179067	54.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.70%

Target Compounds

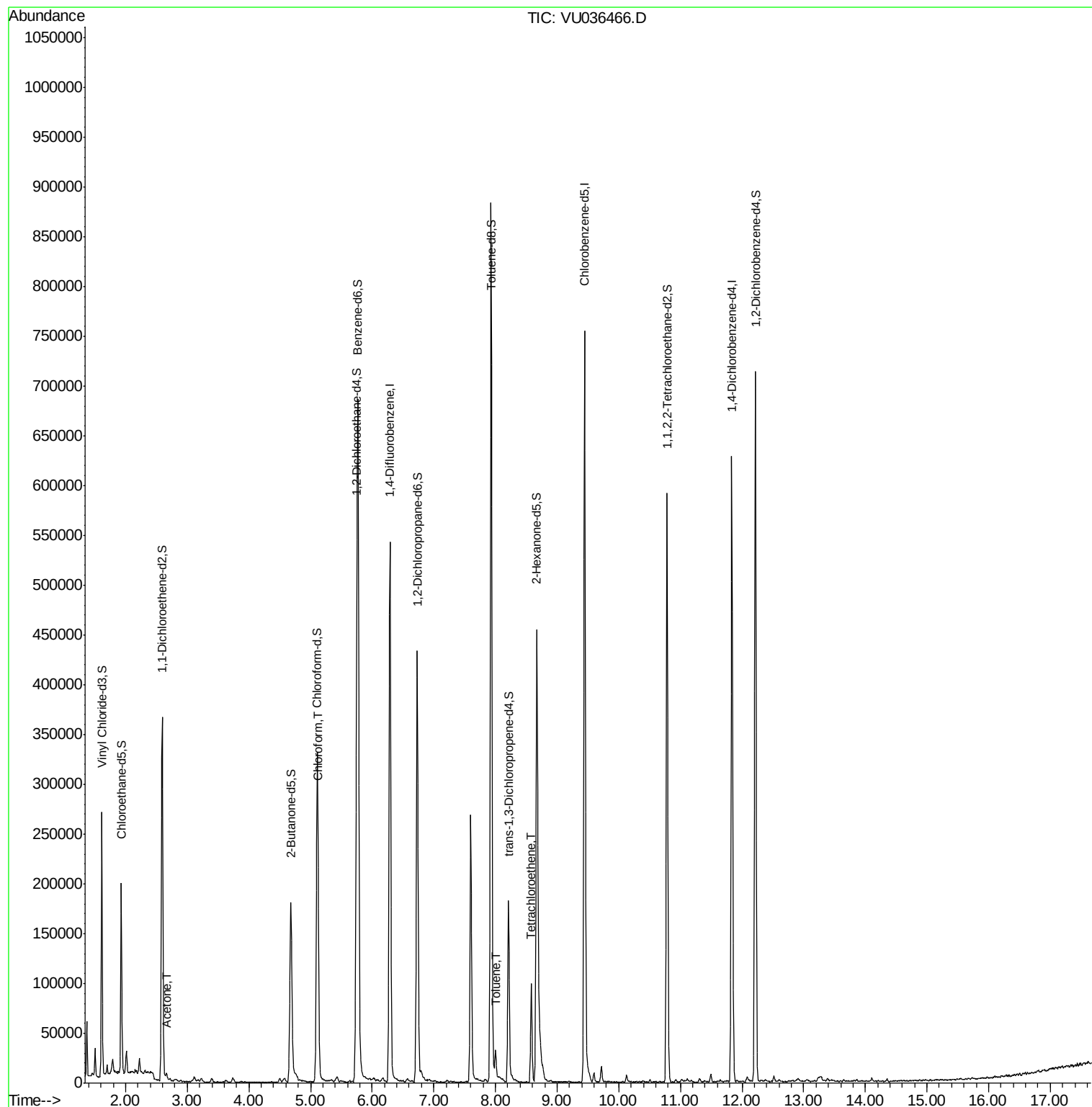
					Ovalue
13) Acetone	2.66	43	7597	2.878 ug/L	94
25) Chloroform	5.13	83	12994	2.276 ug/L	94
42) Toluene	8.00	91	16385	1.267 ug/L	93
46) Tetrachloroethene	8.58	164	18264	8.446 ug/L	81

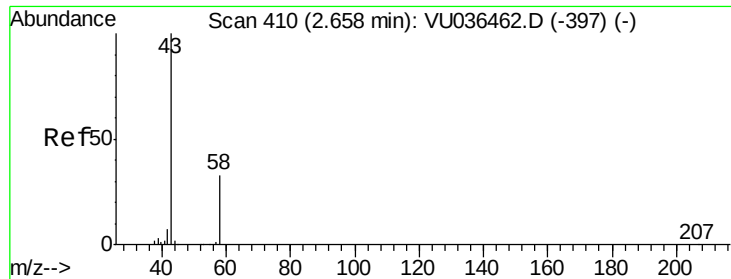
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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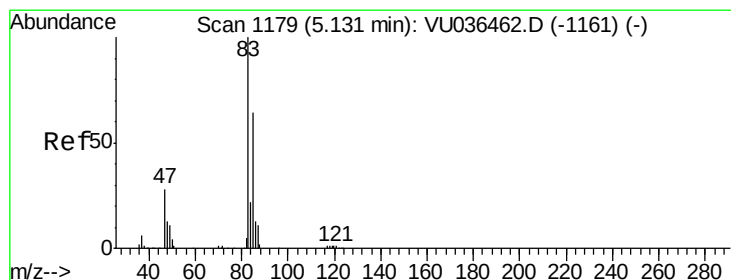
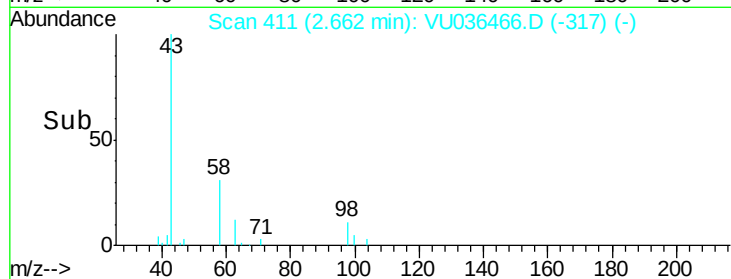
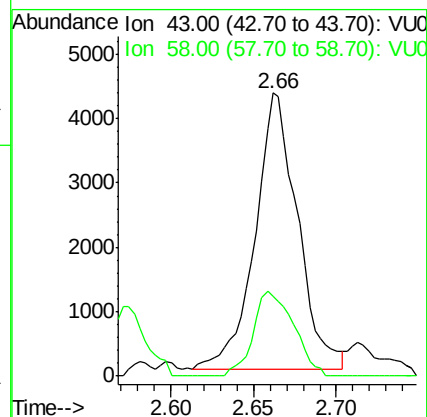
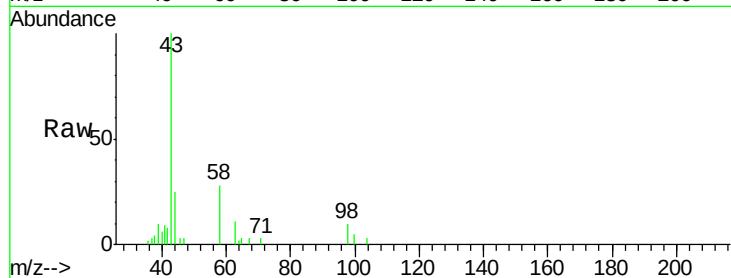




#13
Acetone
Concen: 2.878 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036466.D
Acq: 15 Jan 2020 13:04

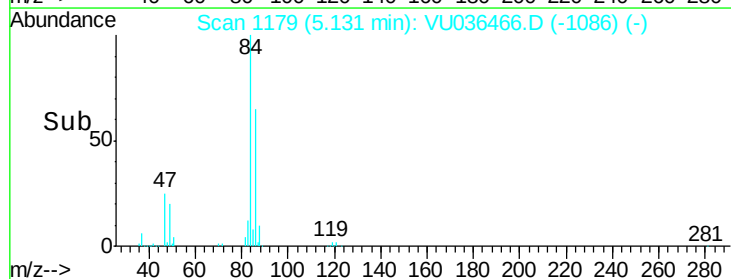
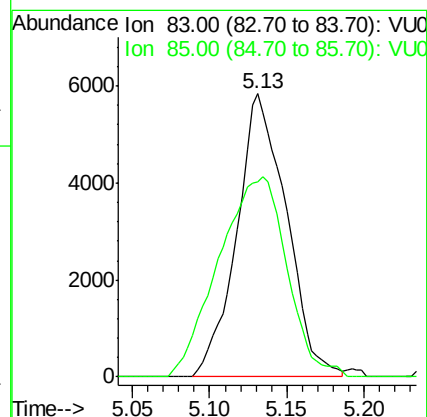
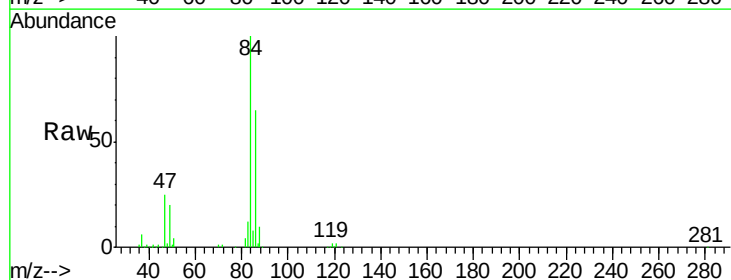
Instrument :
MSVOA_U
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ETOQ6

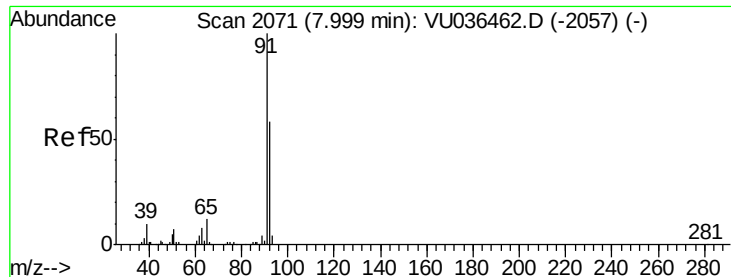
Tot Ion: 43 Resp: 7597
Ion Ratio Lower Upper
43 100
58 29.3 0.0 65.0



#25
Chloroform
Concen: 2.276 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036466.D
Acq: 15 Jan 2020 13:04

Tgt Ion: 83 Resp: 12994
Ion Ratio Lower Upper
83 100
85 69.1 45.1 83.9





#42

Toluene

Concen: 1.267 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

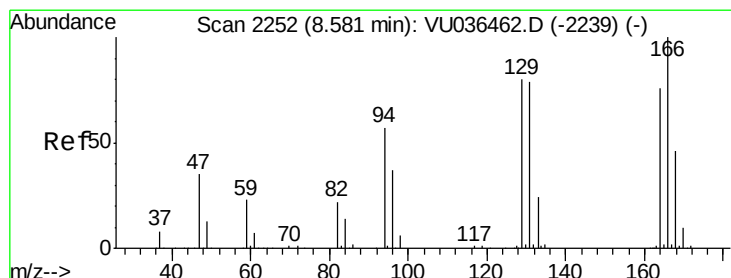
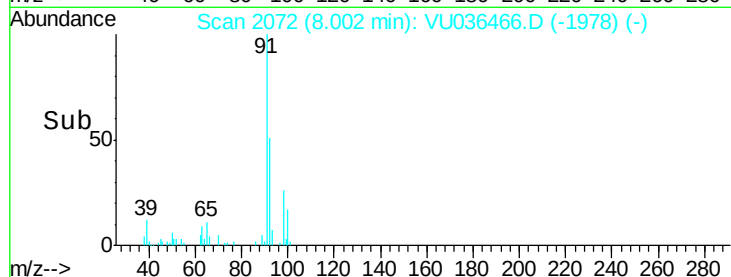
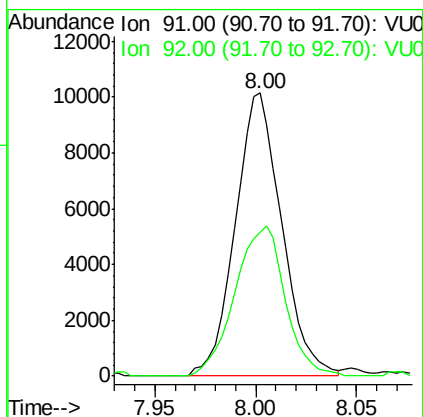
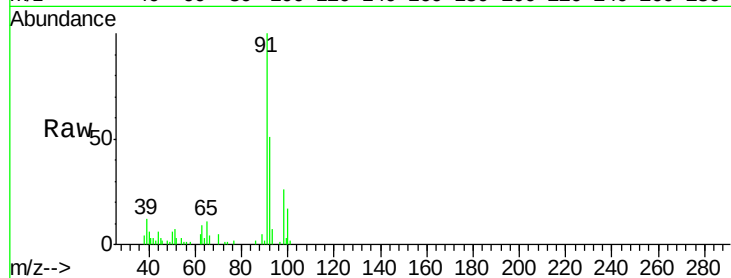
ETOQ6

Tot Ion: 91 Resp: 16385

Ion Ratio Lower Upper

91 100

92 51.0 39.5 73.3



#46

Tetrachloroethene

Concen: 8.446 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036466.D

Acq: 15 Jan 2020 13:04

Tgt Ion: 164 Resp: 18264

Ion Ratio Lower Upper

164 100

129 114.4 68.1 126.5

131 107.7 66.6 123.6

166 150.6 86.5 160.7

