

Data File : VU034706.D
Acq On : 20 Sep 2019 22:23
Operator : JC/SP
Sample : K4948-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX9

Quant Time: Sep 21 05:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	441466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	424748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	178539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	180196	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.74%
7) Chloroethane-d5	1.67	69	155357	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.96%
11) 1,1-Dichloroethene-d2	2.26	63	245750	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.22%
21) 2-Butanone-d5	4.15	46	355762	102.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.71%
24) Chloroform-d	4.62	84	315196	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
26) 1,2-Dichloroethane-d4	5.29	65	228960	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
32) Benzene-d6	5.32	84	636287	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.31	67	227638	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.54	98	580446	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%
43) trans-1,3-Dichloropropene-	7.83	79	100946	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.29	63	229498	99.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	300102	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	191969	51.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.56%

Target Compounds

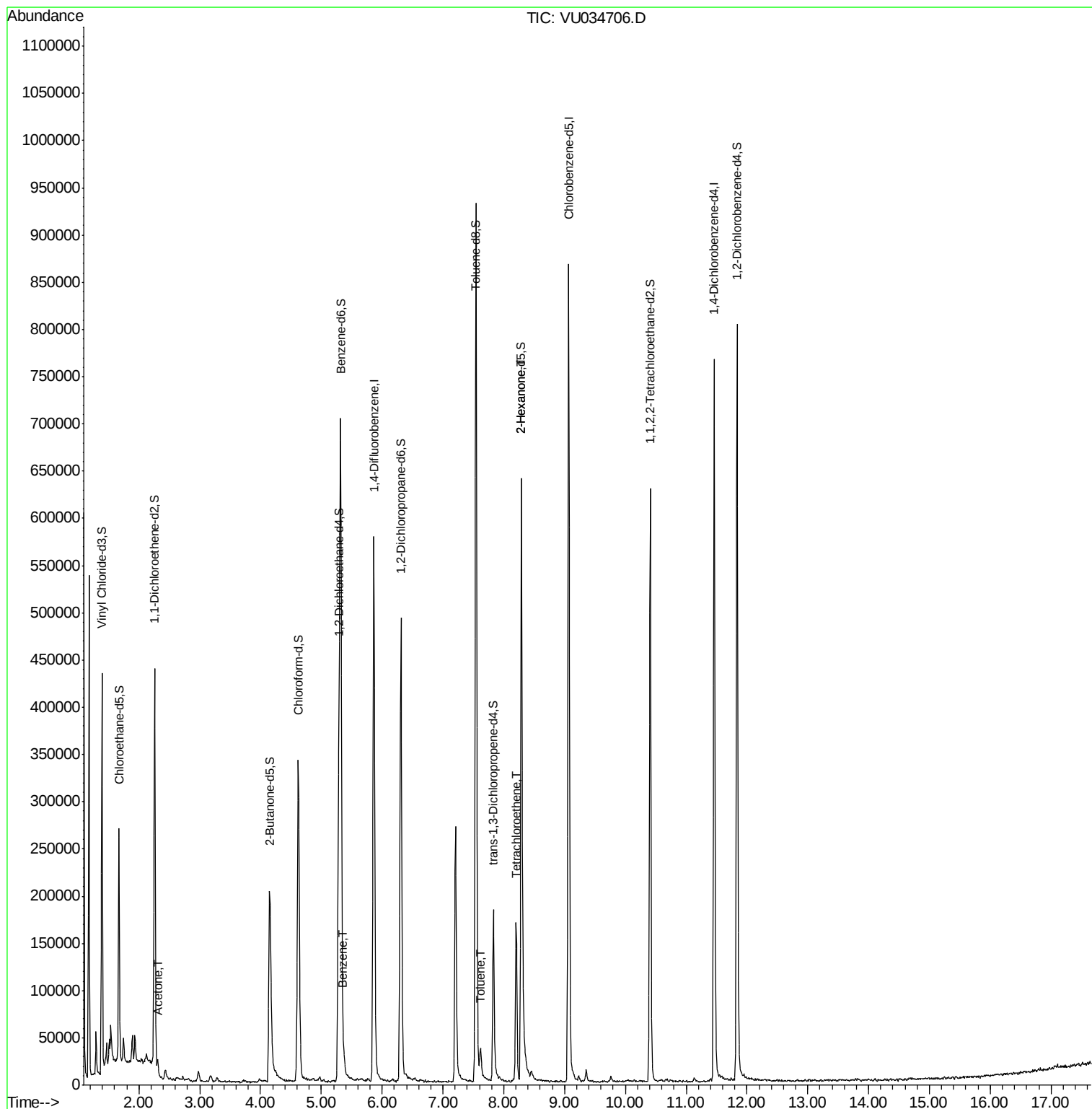
					Qvalue
13) Acetone	2.31	43	18879	4.686 ug/L	97
33) Benzene	5.37	78	17882	1.214 ug/L	100
42) Toluene	7.62	91	23439	1.472 ug/L	93
46) Tetrachloroethene	8.21	164	33615	13.135 ug/L	96
48) 2-Hexanone	8.29	43	29588	4.524 ug/L #	80

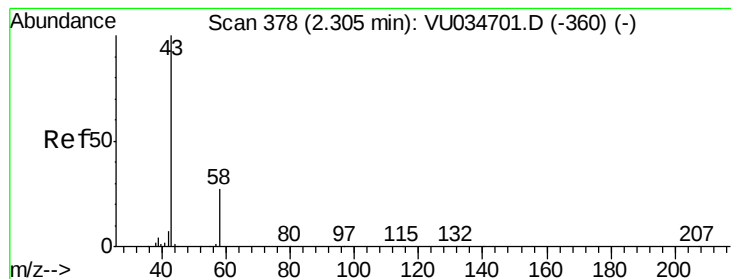
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034706.D
Acq On : 20 Sep 2019 22:23
Operator : JC/SP
Sample : K4948-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX9

Quant Time: Sep 21 05:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.686 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034706.D

Acq: 20 Sep 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

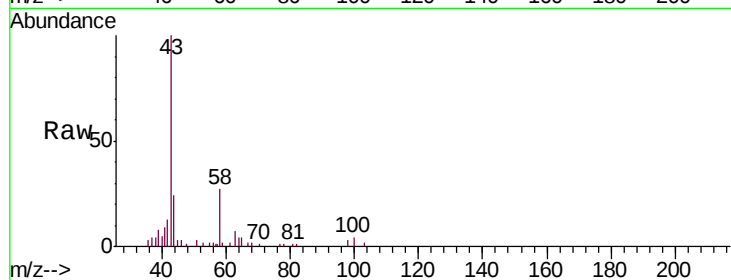
BFCX9

Tgt Ion: 43 Resp: 18879

Ion Ratio Lower Upper

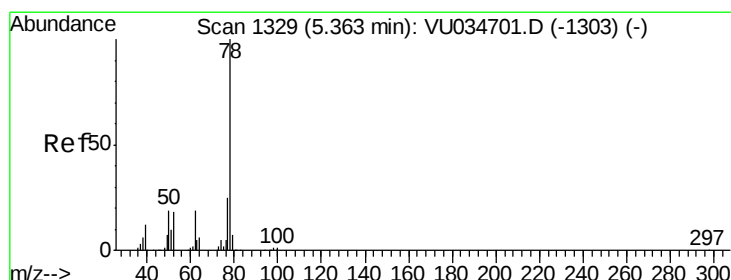
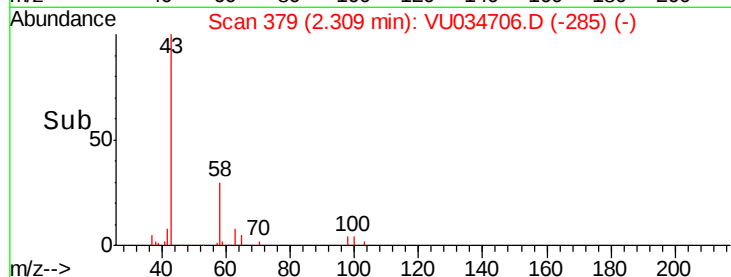
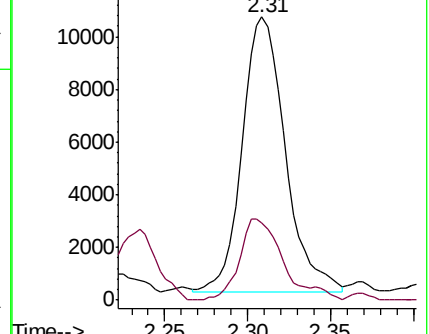
43 100

58 28.2 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034706.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU034706.D (-360) (-)



#33

Benzene

Concen: 1.214 ug/L

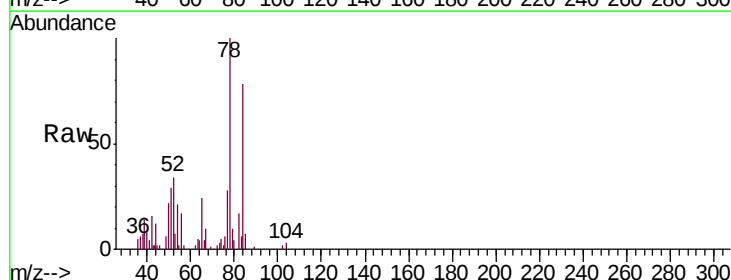
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

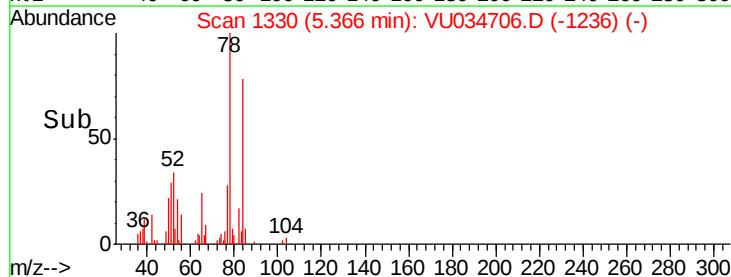
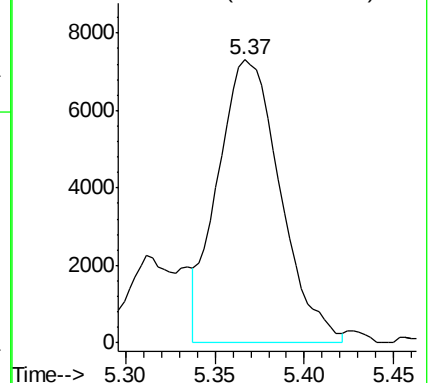
Lab File: VU034706.D

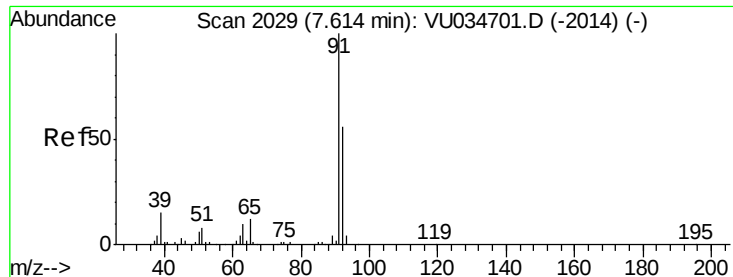
Acq: 20 Sep 2019 22:23

Tgt Ion: 78 Resp: 17882



Abundance Ion 78.00 (77.70 to 78.70): VU034706.D (-1303) (-)





#42

Toluene

Concen: 1.472 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034706.D

Acq: 20 Sep 2019 22:23

Instrument :

MSVOA_U

ClientSampled :

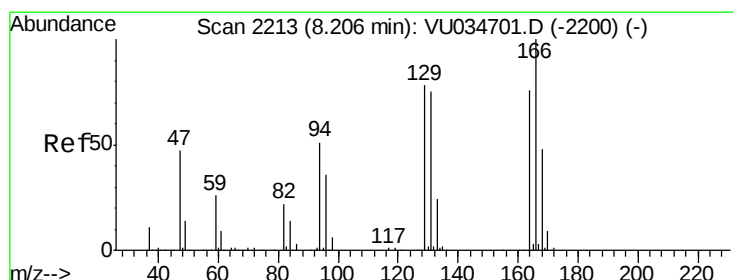
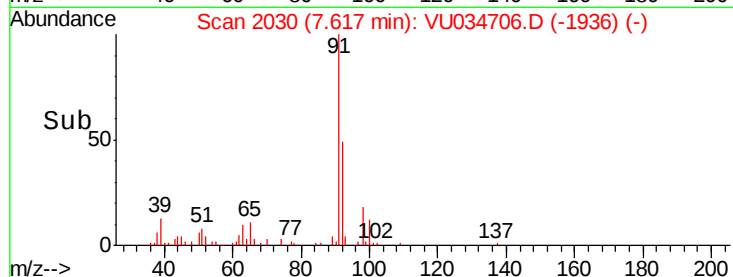
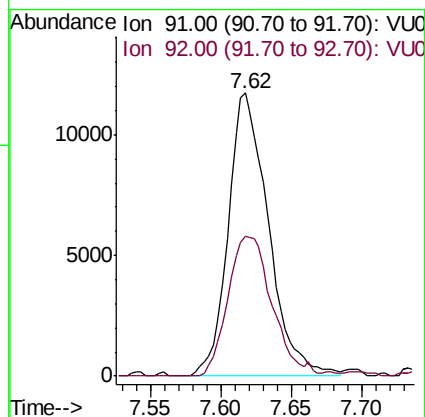
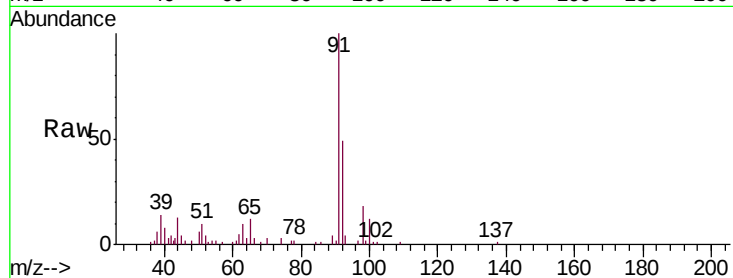
BFCX9

Tgt Ion: 91 Resp: 23439

Ion Ratio Lower Upper

91 100

92 49.3 38.2 71.0



#46

Tetrachloroethene

Concen: 13.135 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034706.D

Acq: 20 Sep 2019 22:23

Tgt Ion: 164 Resp: 33615

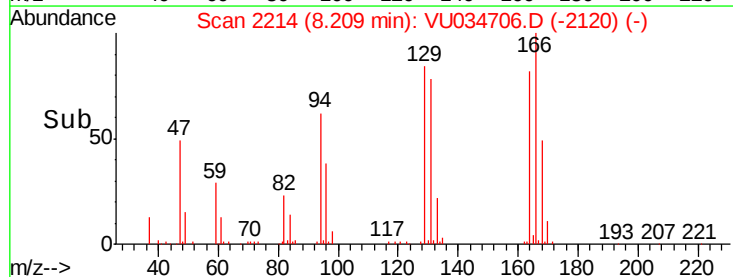
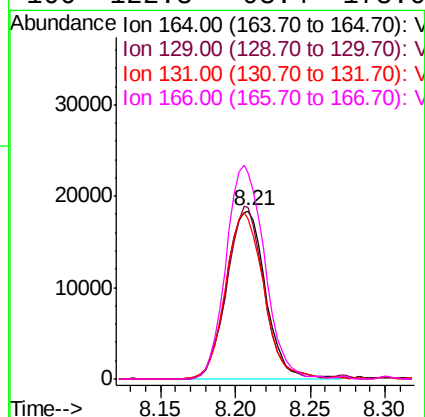
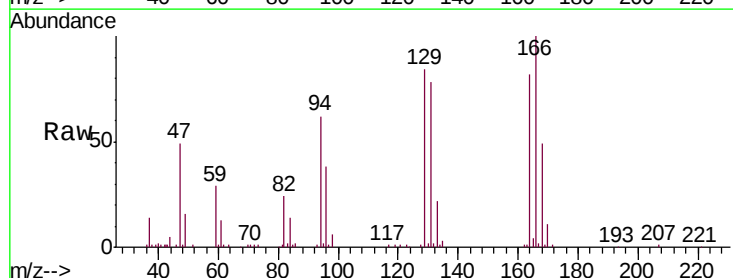
Ion Ratio Lower Upper

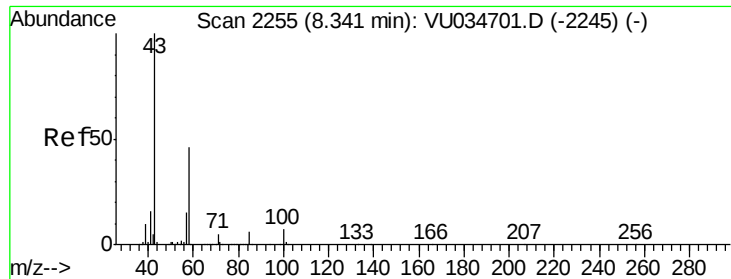
164 100

129 102.3 71.9 133.5

131 94.9 66.3 123.1

166 122.3 93.4 173.6





#48

2-Hexanone

Concen: 4.524 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034706.D

Acq: 20 Sep 2019 22:23

Instrument :

MSVOA_U

ClientSampleId :

BFCX9

Tgt Ion: 43 Resp: 29588

Ion Ratio Lower Upper

43 100

58 26.8 35.3 52.9#

57 15.2 12.1 18.1

100 0.2 6.2 9.4#

