

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033015.D
 Acq On : 24 Jun 2019 19:05
 Operator : JC/SP
 Sample : K3464-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF50

Quant Time: Jun 25 07:20:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64677	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.56%
7) Chloroethane-d5	1.68	69	54529	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.02%
11) 1,1-Dichloroethene-d2	2.26	63	101190	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.17	46	127283	112.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.98%
24) Chloroform-d	4.64	84	133241	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.30	65	92040	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.02%
32) Benzene-d6	5.33	84	257151	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	82303	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.88%
41) Toluene-d8	7.56	98	235007	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%
43) trans-1,3-Dichloropropene-	7.85	79	40496	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
47) 2-Hexanone-d5	8.31	63	75820	101.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119863	48.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	92151	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%

Target Compounds

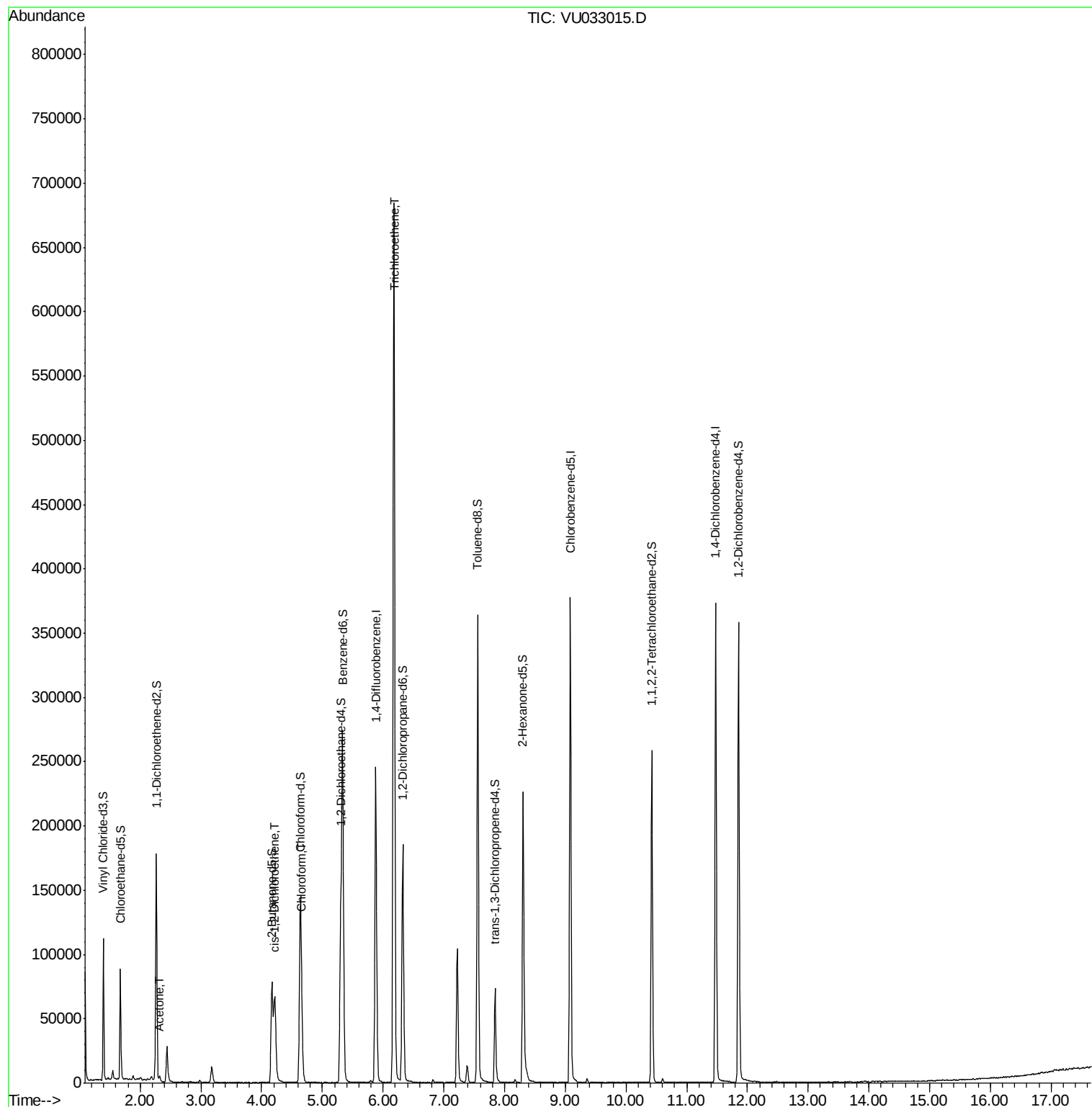
					Ovalue
13) Acetone	2.32	43	3638	2.338 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	31572	21.427 ug/L	95
25) Chloroform	4.67	83	21531	8.097 ug/L	99
34) Trichloroethene	6.18	95	226575	152.774 ug/L	97

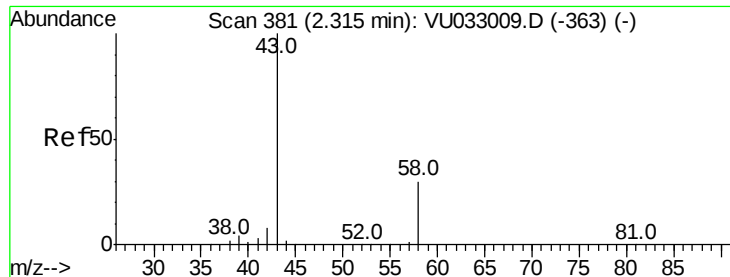
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062419\
Data File : VU033015.D
Acq On : 24 Jun 2019 19:05
Operator : JC/SP
Sample : K3464-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF50

Quant Time: Jun 25 07:20:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.338 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033015.D

Acq: 24 Jun 2019 19:05

Instrument :

MSVOA_U

ClientSampleId :

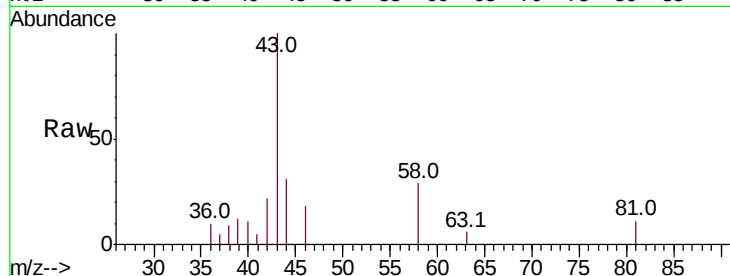
ETF50

Tot Ion: 43 Resp: 3638

Ion Ratio Lower Upper

43 100

58 24.9 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033009.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU033009.D (-363) (-)

2500

2000

1500

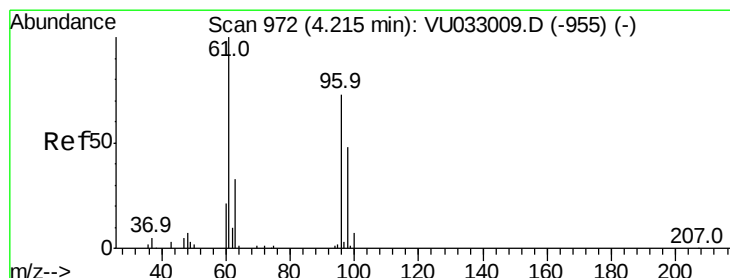
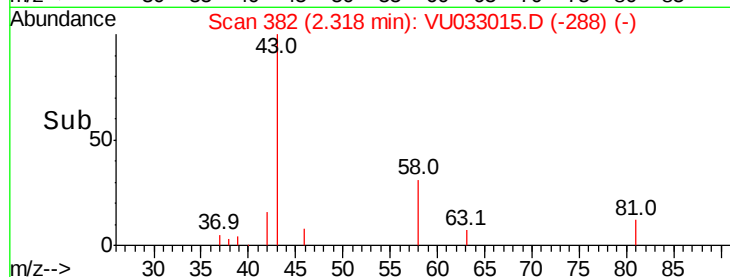
1000

500

0

2.25 2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 21.427 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU033015.D

Acq: 24 Jun 2019 19:05

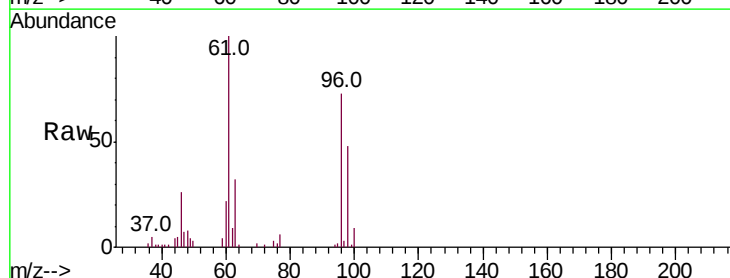
Tgt Ion: 96 Resp: 31572

Ion Ratio Lower Upper

96 100

61 137.3 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033009.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU033009.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU033009.D (-955) (-)

20000

15000

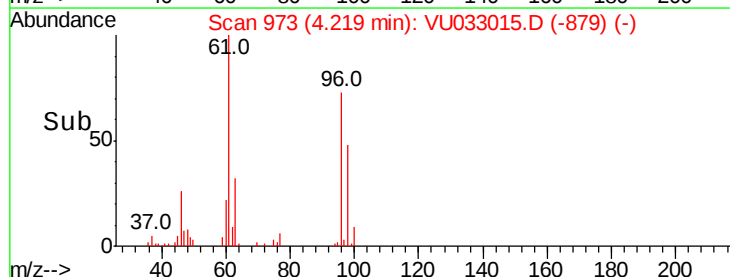
10000

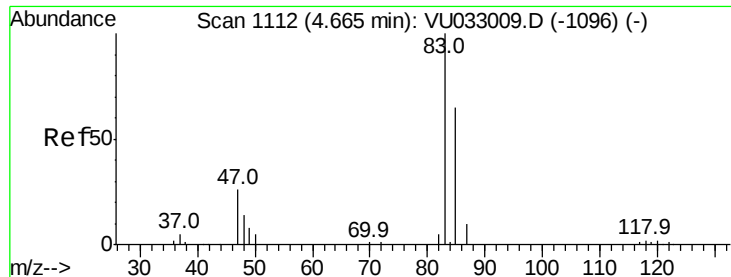
5000

0

4.15 4.20 4.25 4.30

Time-->

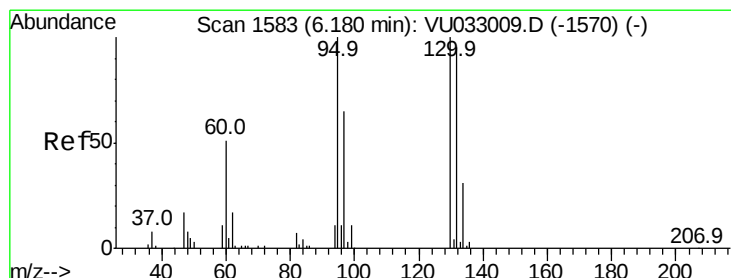
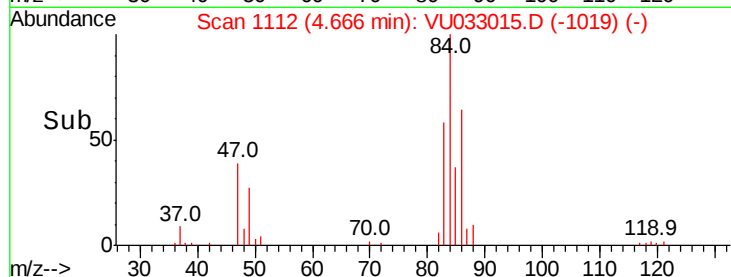
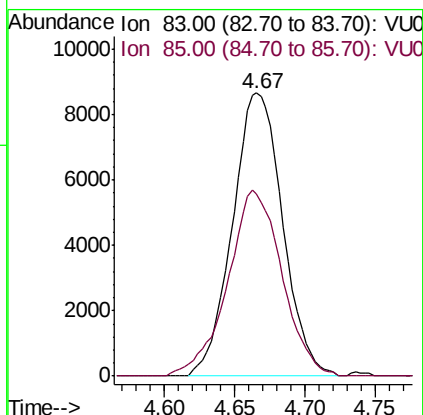
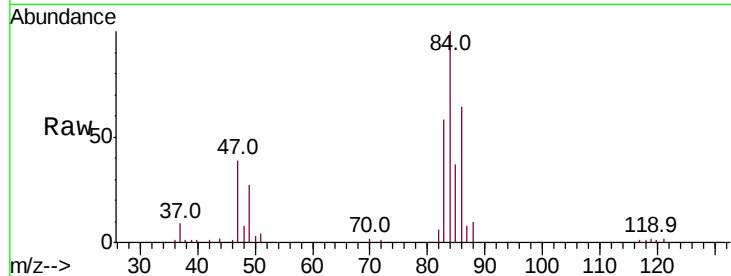




#25
Chloroform
Concen: 8.097 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU033015.D
Acq: 24 Jun 2019 19:05

Instrument :
MSVOA_U
ClientSampleId :
ETF50

Tot Ion: 83 Resp: 21531
Ion Ratio Lower Upper
83 100
85 64.3 44.2 82.2



#34
Trichloroethene
Concen: 152.774 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU033015.D
Acq: 24 Jun 2019 19:05

Tgt Ion: 95 Resp: 226575
Ion Ratio Lower Upper
95 100
97 63.2 45.9 85.3
132 95.3 68.5 127.3
130 98.0 70.8 131.4

