

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042519\
 Data File : VU031496.D
 Acq On : 25 Apr 2019 10:56
 Operator : JC/SP
 Sample : K2517-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHY6

Quant Time: Apr 26 01:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 01:33:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	284138	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114727	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	90059	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	168496	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	359160	58.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.78%
24) Chloroform-d	4.64	84	200692	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.31	65	115556	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	385837	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	133822	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.56	98	296944	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	44324	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	220767	43.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106443	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	102538	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

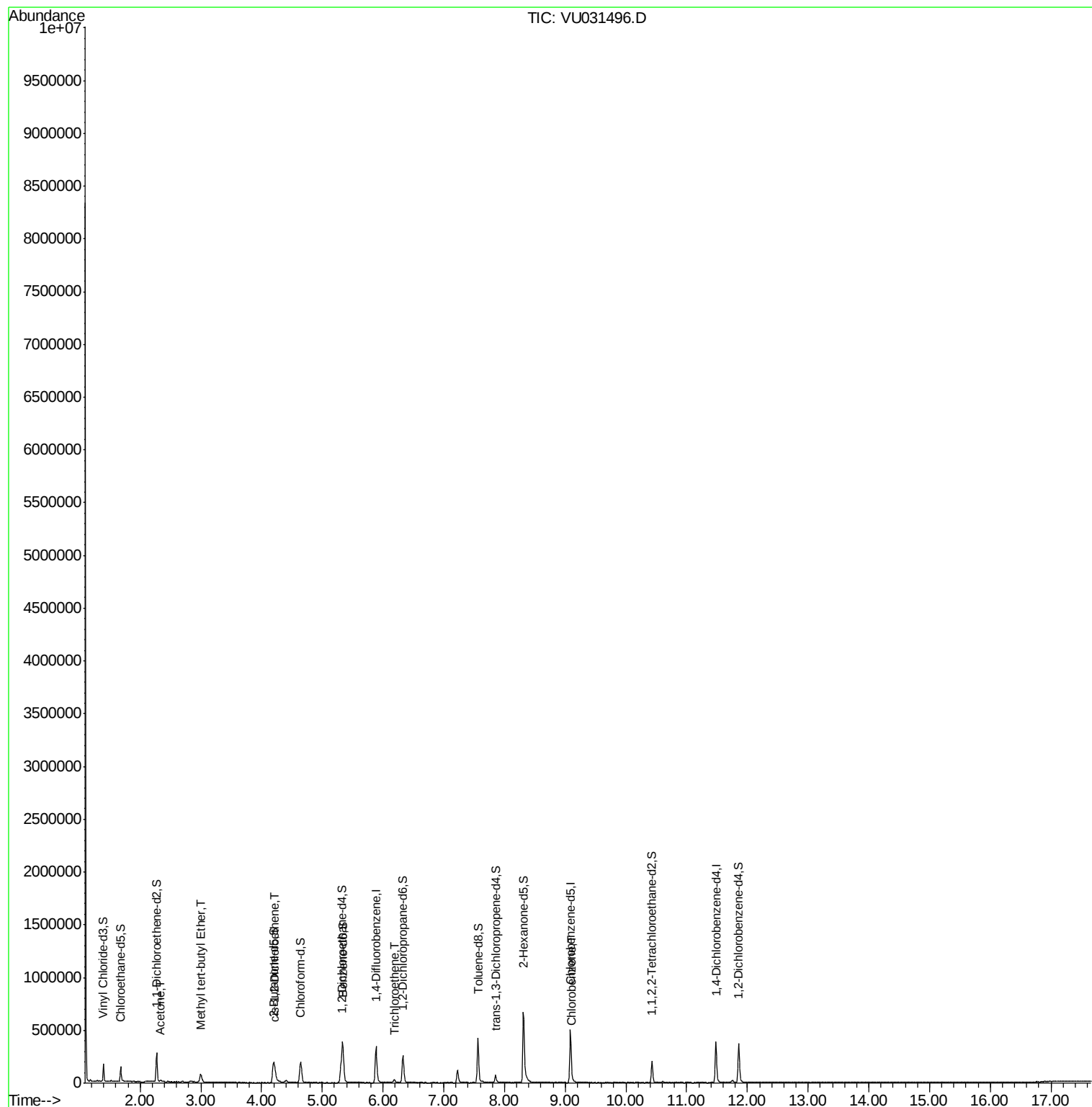
					Ovalue
13) Acetone	2.34	43	15605	3.601 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	73849	1.325 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	17721	0.824 ug/L	90
34) Trichloroethene	6.18	95	9503	0.394 ug/L	96
51) Chlorobenzene	9.12	112	7282	0.131 ug/L	93

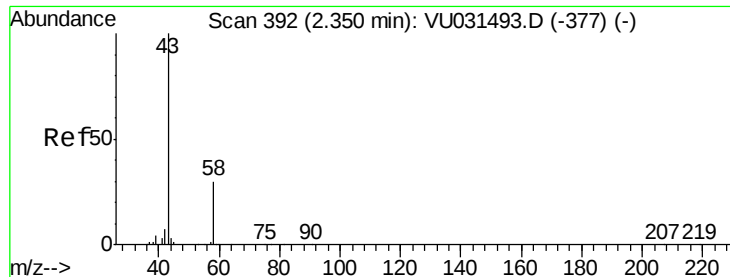
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GAHY6

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Response via : Initial Calibration





#13

Acetone

Concen: 3.601 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

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MSVOA_U

ClientSampleId :

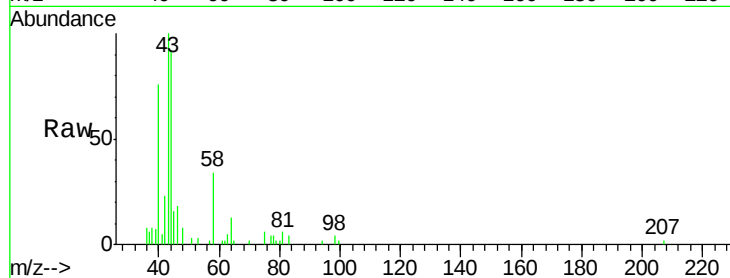
GAHY6

Tot Ion: 43 Resp: 15605

Ion Ratio Lower Upper

43 100

58 28.9 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU031496.D (-377) (-)

Ion 58.05 (57.75 to 58.75): VU031496.D (-377) (-)

2.34

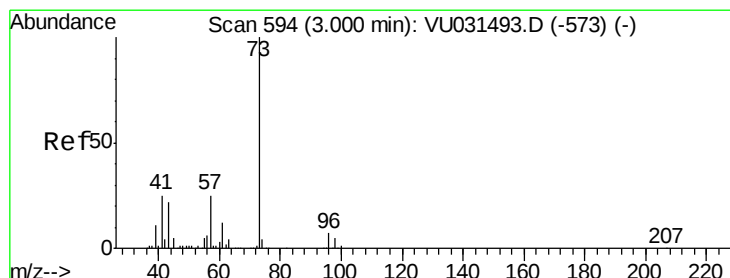
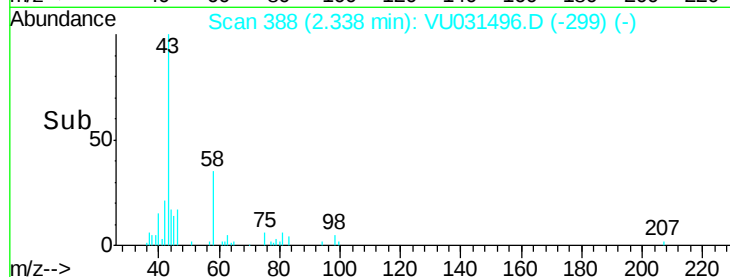
6000

4000

2000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.325 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

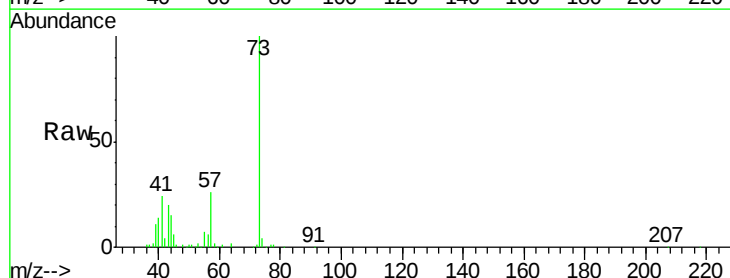
Tgt Ion: 73 Resp: 73849

Ion Ratio Lower Upper

73 100

43 20.5 15.4 23.0

57 24.1 19.1 28.7



Abundance Ion 73.10 (72.80 to 73.80): VU031496.D (-573) (-)

Ion 43.05 (42.75 to 43.75): VU031496.D (-573) (-)

Ion 57.10 (56.80 to 57.80): VU031496.D (-573) (-)

3.00

40000

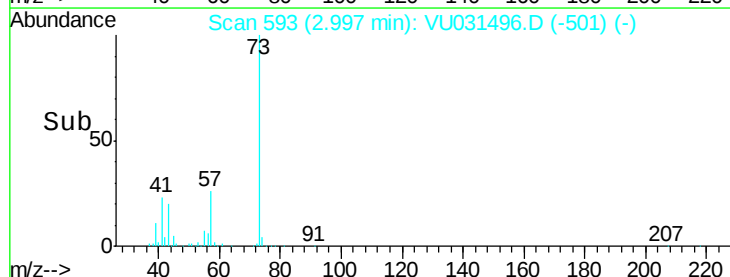
30000

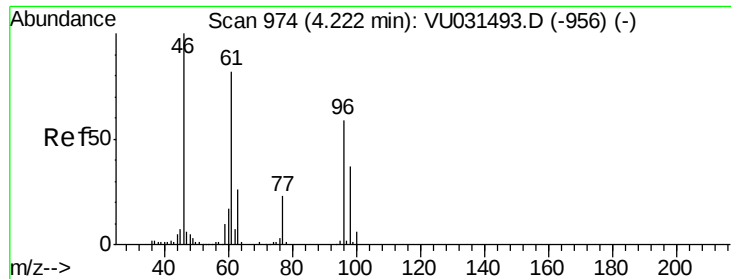
20000

10000

0

Time-->



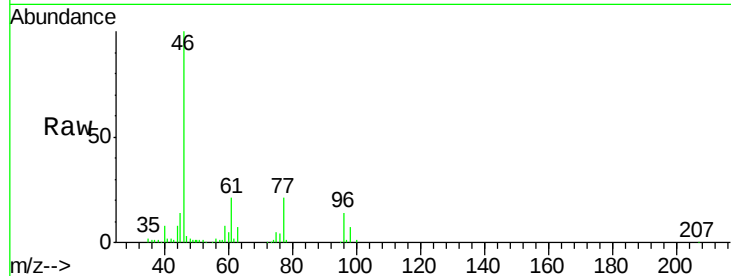


#22

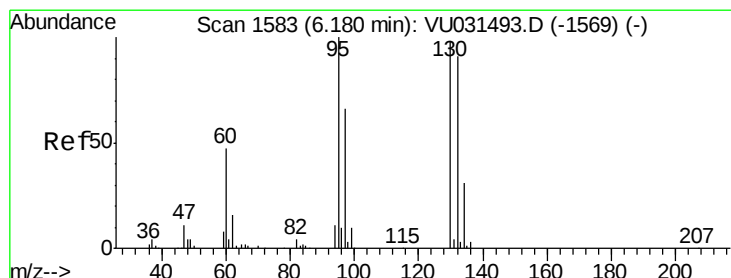
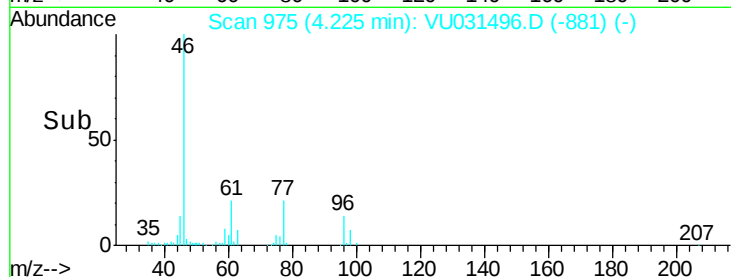
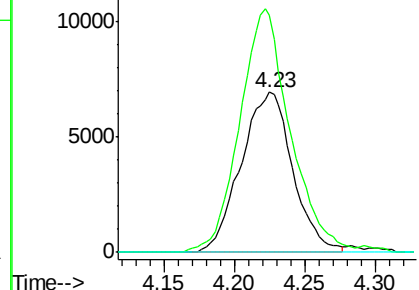
cis-1,2-Dichloroethene
Concen: 0.824 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU031496.D
Acq: 25 Apr 2019 10:56

Instrument :
MSVOA_U
ClientSampled :
GAHY6

Tot Ion: 96 Resp: 17721
Ion Ratio Lower Upper
96 100
61 147.8 94.8 176.2
68 0.0 0.0 0.0



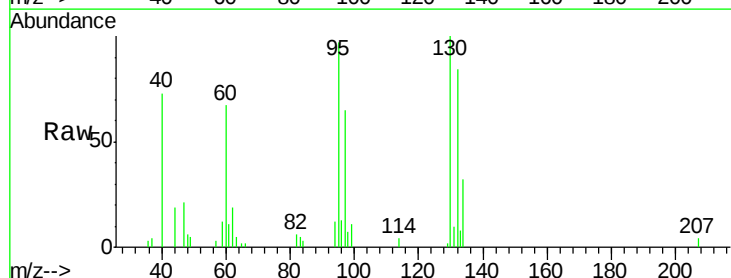
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



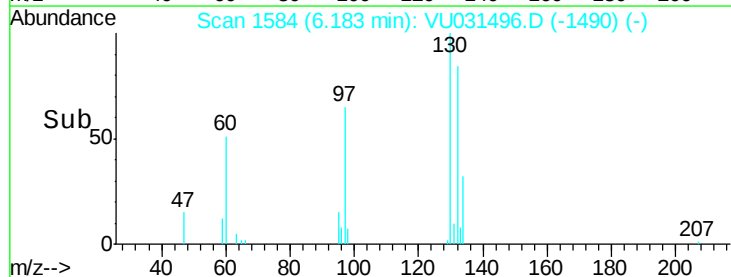
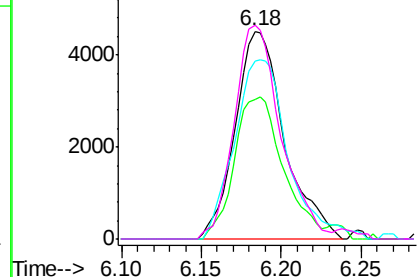
#34

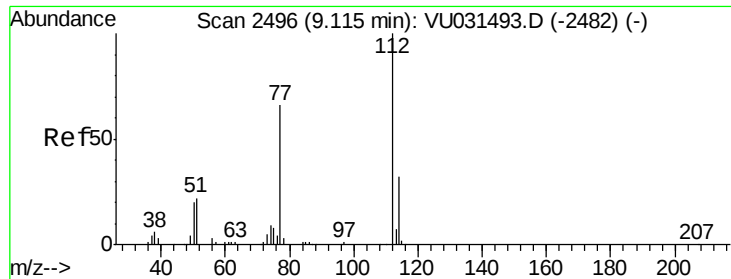
Trichloroethene
Concen: 0.394 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031496.D
Acq: 25 Apr 2019 10:56

Tgt Ion: 95 Resp: 9503
Ion Ratio Lower Upper
95 100
97 67.3 44.3 82.3
132 86.0 59.9 111.3
130 103.0 67.1 124.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#51

Chlorobenzene

Concen: 0.131 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031496.D

Acq: 25 Apr 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

GAHY6

Tot Ion:112 Resp: 7282

Ion Ratio Lower Upper

112 100

114 29.5 21.9 40.7

77 67.7 48.9 73.3

