

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031477.D
 Acq On : 24 Apr 2019 17:53
 Operator : JC/SP
 Sample : K2517-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHY3

Quant Time: Apr 25 06:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	320285	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136562	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.68	69	104445	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.27	63	197433	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.19	46	380736	55.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.76%
24) Chloroform-d	4.64	84	227417	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.31	65	126618	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.33	84	445972	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.33	67	148998	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	349482	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	50291	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.31	63	255233	48.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111757	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	115902	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

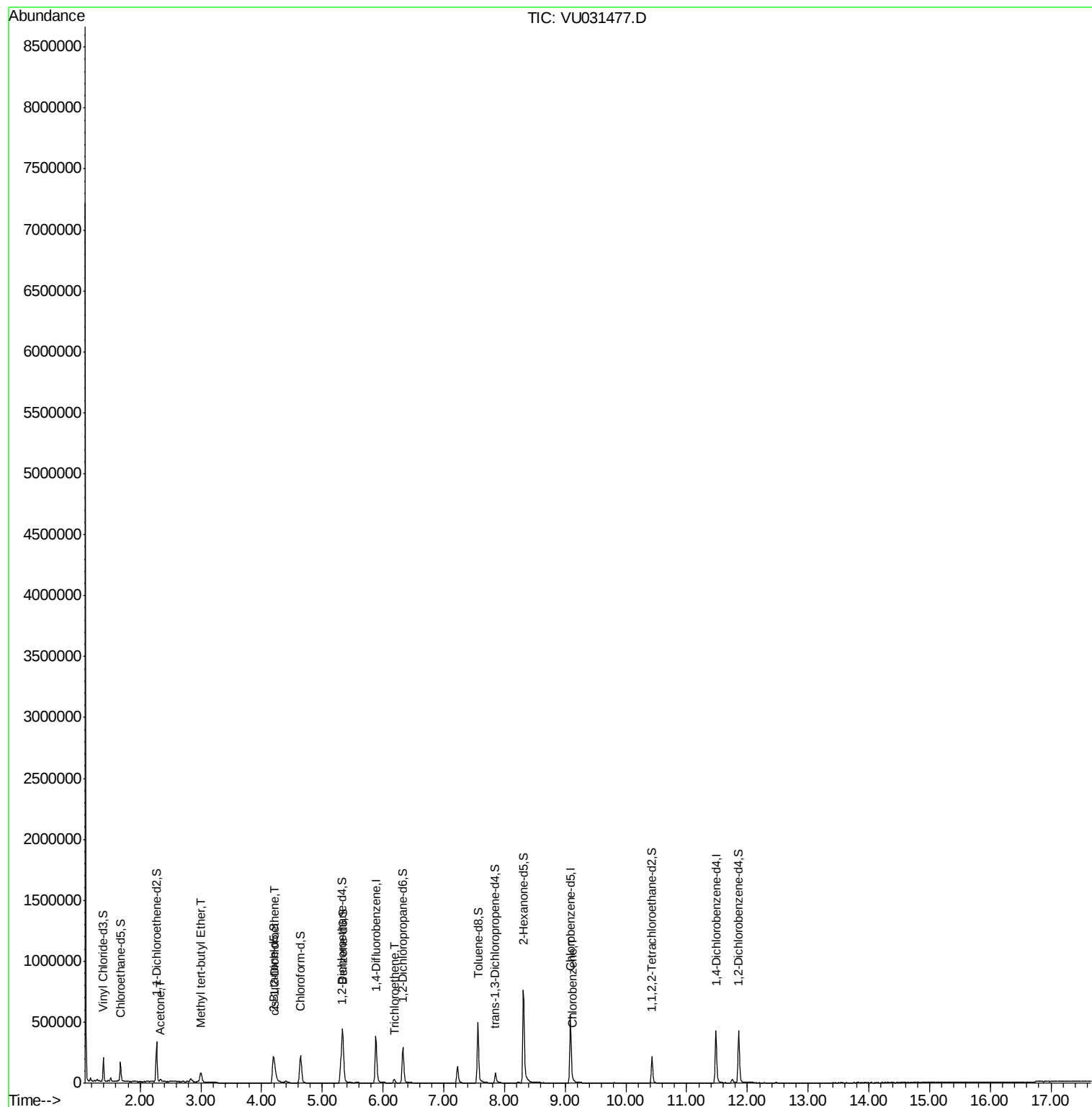
					Ovalue
13) Acetone	2.33	43	17694	3.622 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	80369	1.279 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	20248	0.835 ug/L	93
34) Trichloroethene	6.19	95	10905	0.432 ug/L	95
51) Chlorobenzene	9.12	112	11455	0.197 ug/L	95

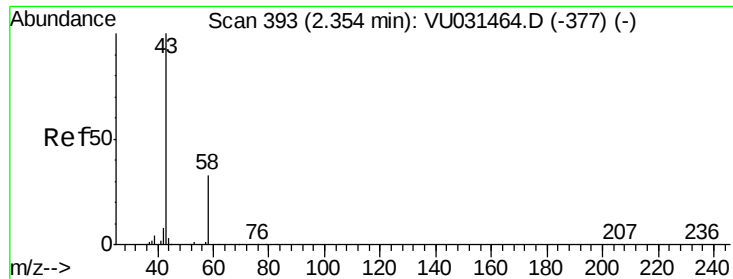
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.622 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

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ClientSampleId :

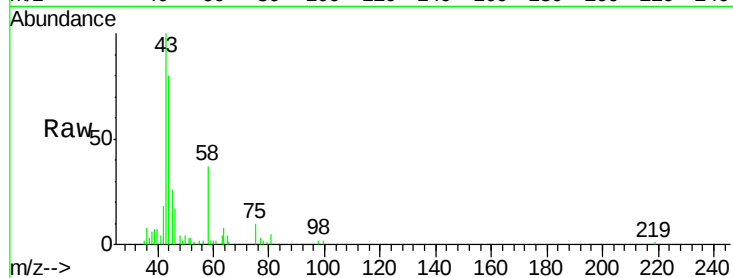
GAHY3

Tot Ion: 43 Resp: 17694

Ion Ratio Lower Upper

43 100

58 32.1 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU031464.D (-377) (-)

Ion 58.05 (57.75 to 58.75): VU031464.D (-377) (-)

2.33

8000

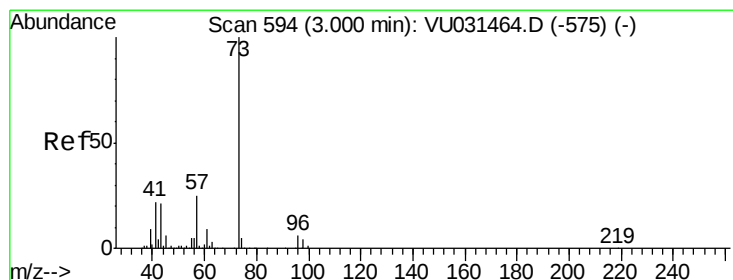
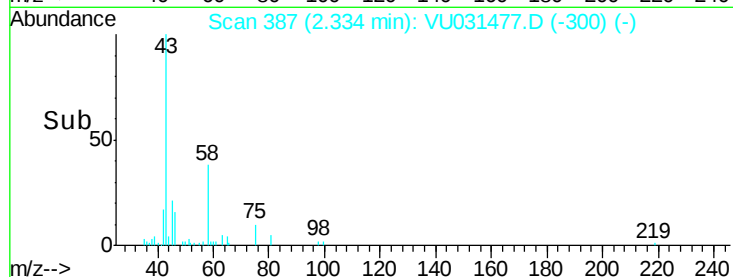
6000

4000

2000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.279 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU031477.D

Acq: 24 Apr 2019 17:53

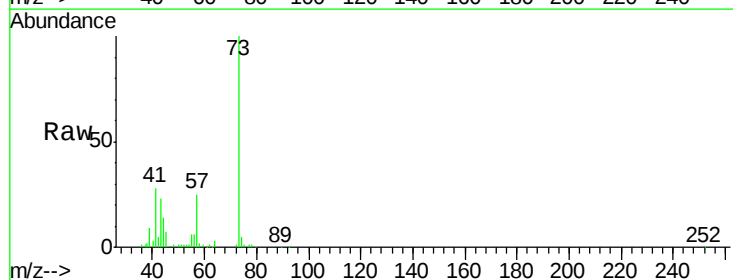
Tgt Ion: 73 Resp: 80369

Ion Ratio Lower Upper

73 100

43 22.9 15.4 23.0

57 23.5 19.1 28.7



Abundance Ion 73.10 (72.80 to 73.80): VU031464.D (-575) (-)

Ion 43.05 (42.75 to 43.75): VU031464.D (-575) (-)

Ion 57.10 (56.80 to 57.80): VU031464.D (-575) (-)

3.00

40000

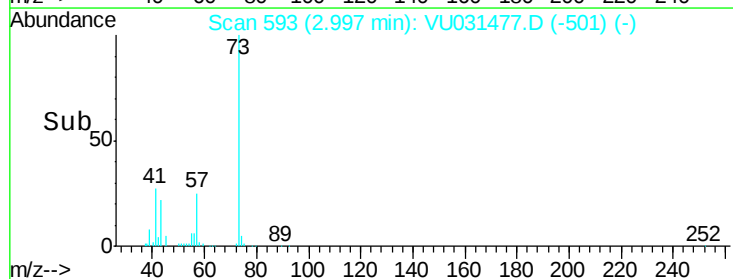
30000

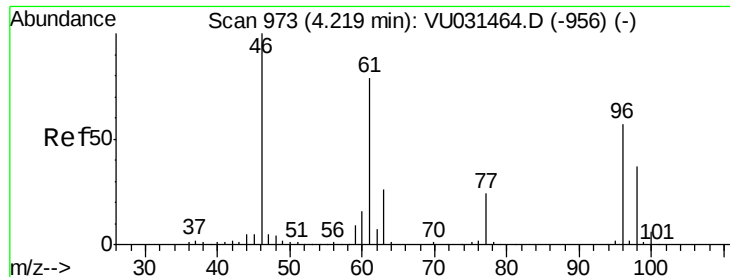
20000

10000

0

Time-->



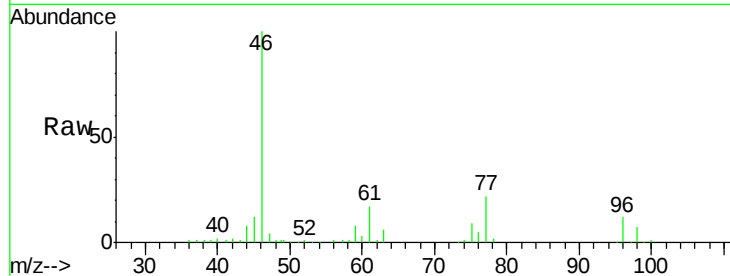


#22

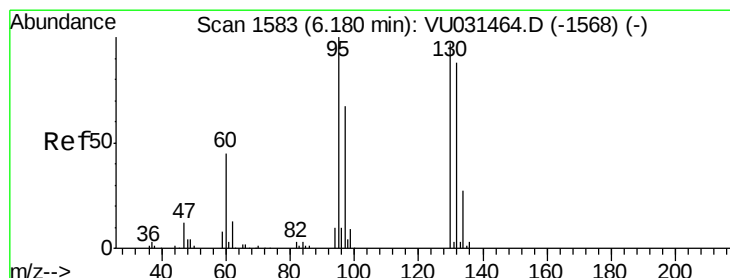
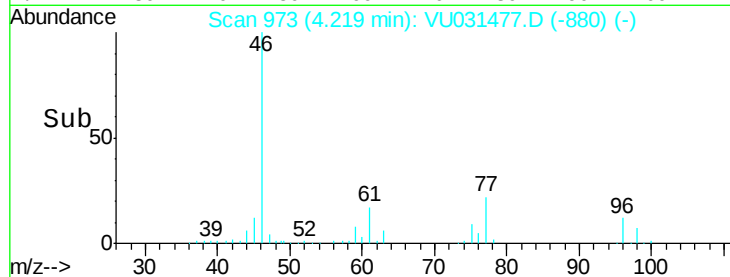
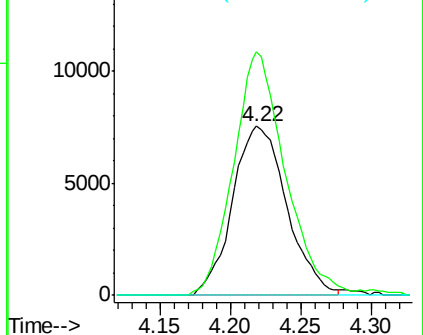
cis-1,2-Dichloroethene
Concen: 0.835 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031477.D
Acq: 24 Apr 2019 17:53

Instrument :
MSVOA_U
ClientSampleId :
GAHY3

Tot Ion: 96 Resp: 20248
Ion Ratio Lower Upper
96 100
61 144.0 94.8 176.2
68 0.0 0.0 0.0



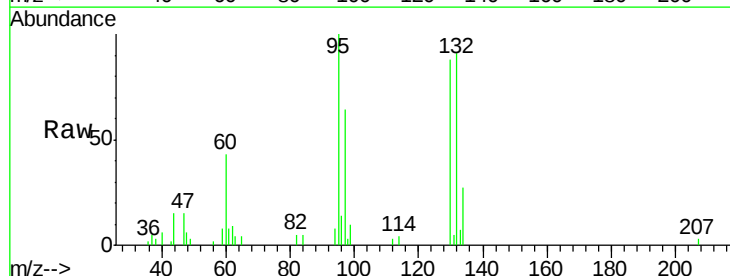
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



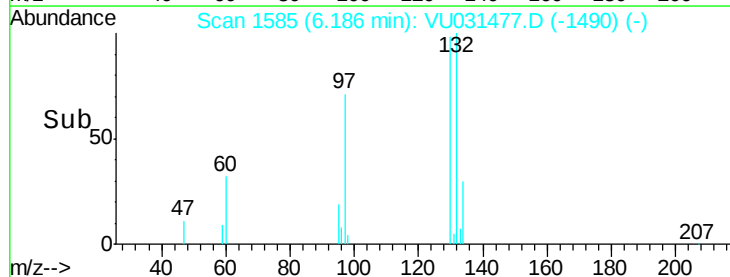
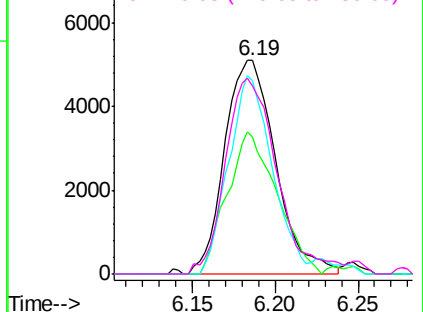
#34

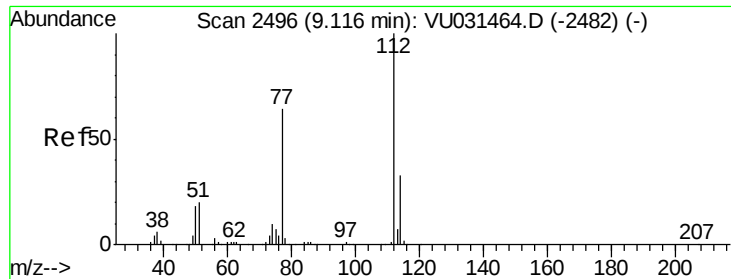
Trichloroethene
Concen: 0.432 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031477.D
Acq: 24 Apr 2019 17:53

Tgt Ion: 95 Resp: 10905
Ion Ratio Lower Upper
95 100
97 63.9 44.3 82.3
132 90.5 59.9 111.3
130 88.4 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: 0.197 ug/L

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

Lab File: VU031477.D

Acq: 24 Apr 2019 17:53

Instrument :

MSVOA_U

ClientSampleId :

GAHY3

Tot Ion:112 Resp: 11455

Ion Ratio Lower Upper

112 100

114 34.2 21.9 40.7

77 64.6 48.9 73.3

