

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031473.D
 Acq On : 24 Apr 2019 16:15
 Operator : JC/SP
 Sample : K2517-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHY4

Quant Time: May 02 02:34:55 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	334965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	320665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123149	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138955	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.68	69	105759	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	201492	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.20	46	401933	55.90	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.80%
24) Chloroform-d	4.64	84	227532	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.31	65	129664	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.33	84	464274	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.32	67	154276	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	368991	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	54172	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	272950	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117518	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	123315	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

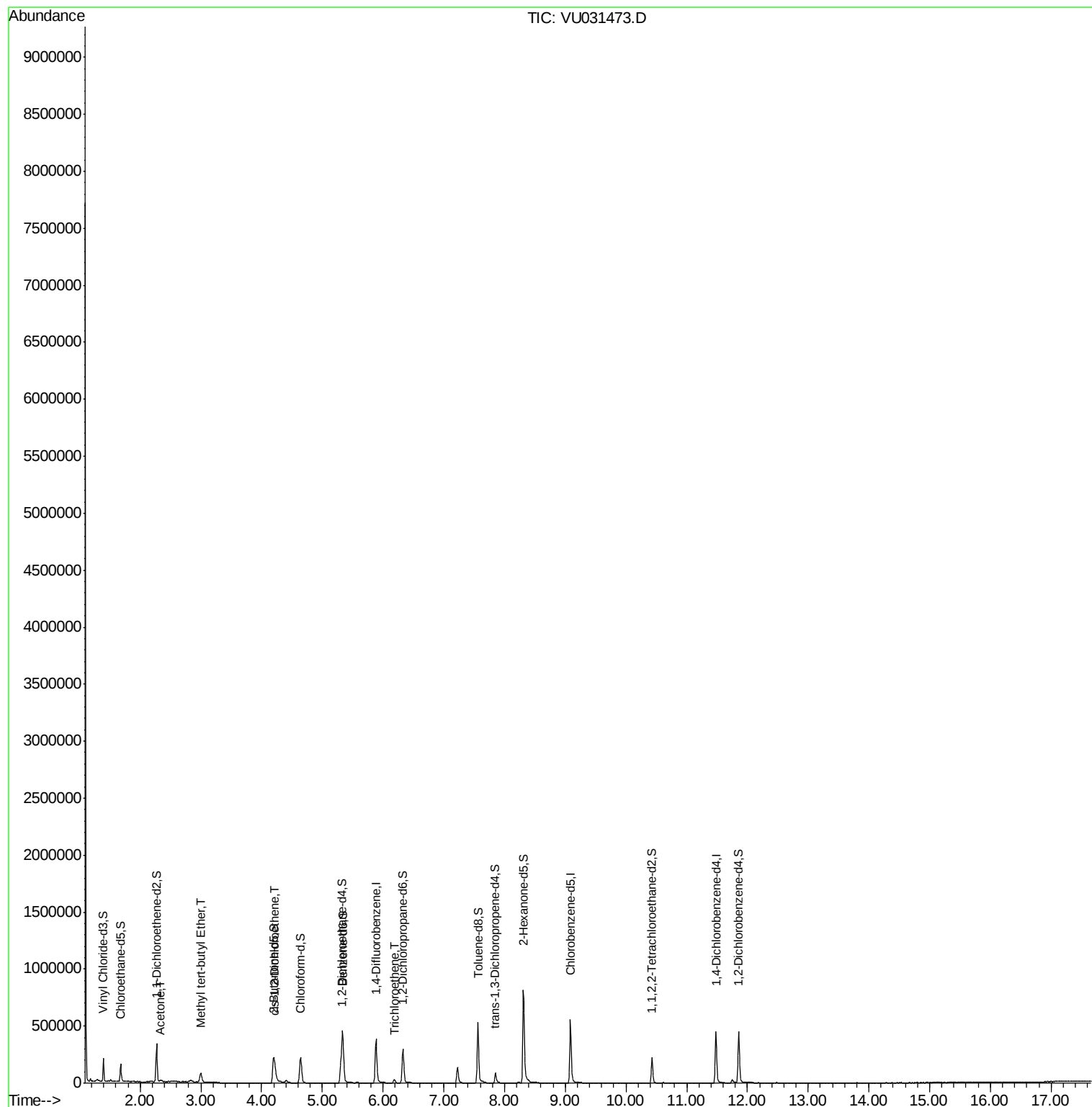
					Ovalue
13) Acetone	2.34	43	17148	3.357 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	83920	1.277 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	21073	0.831 ug/L	85
34) Trichloroethene	6.18	95	10918	0.418 ug/L	96

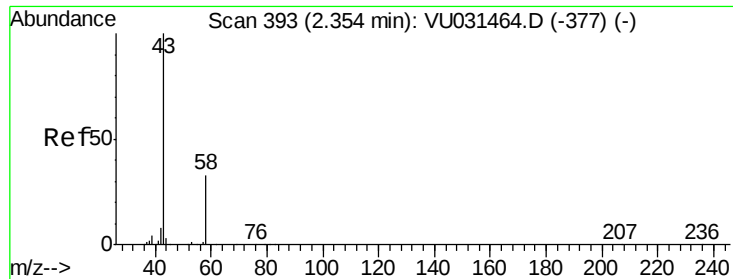
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.357 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031473.D

Acq: 24 Apr 2019 16:15

Instrument :

MSVOA_U

ClientSampleId :

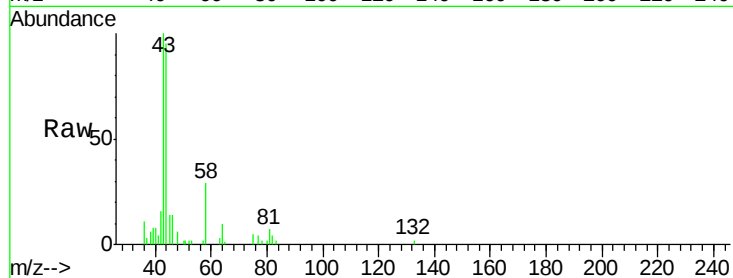
GAHY4

Tot Ion: 43 Resp: 17148

Ion Ratio Lower Upper

43 100

58 31.8 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU031473.D (-300) (-)

Ion 58.05 (57.75 to 58.75): VU031473.D (-300) (-)

2.34

8000

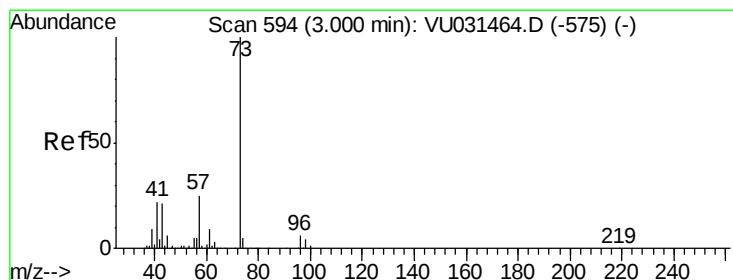
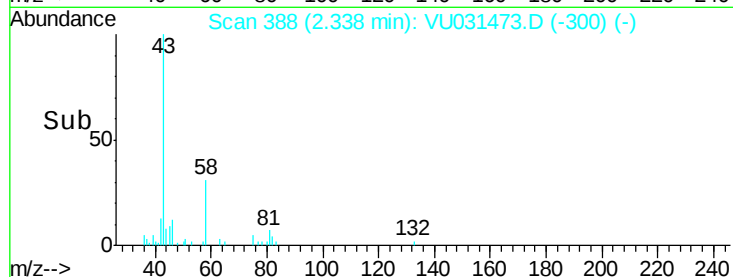
6000

4000

2000

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 1.277 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU031473.D

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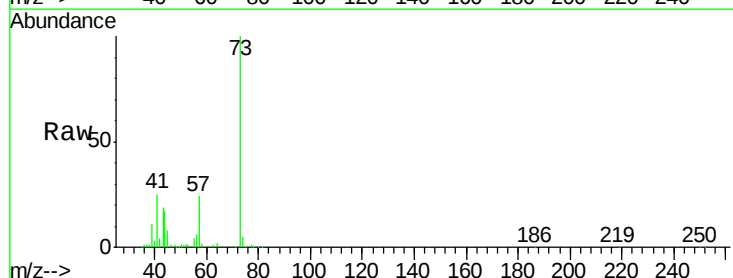
Tgt Ion: 73 Resp: 83920

Ion Ratio Lower Upper

73 100

43 22.3 15.4 23.0

57 24.3 19.1 28.7



Abundance Ion 73.10 (72.80 to 73.80): VU031473.D (-501) (-)

Ion 43.05 (42.75 to 43.75): VU031473.D (-501) (-)

Ion 57.10 (56.80 to 57.80): VU031473.D (-501) (-)

3.00

50000

40000

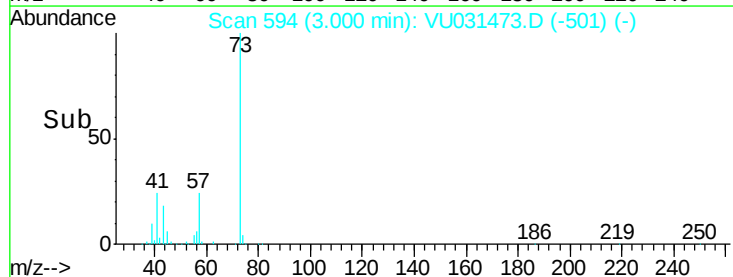
30000

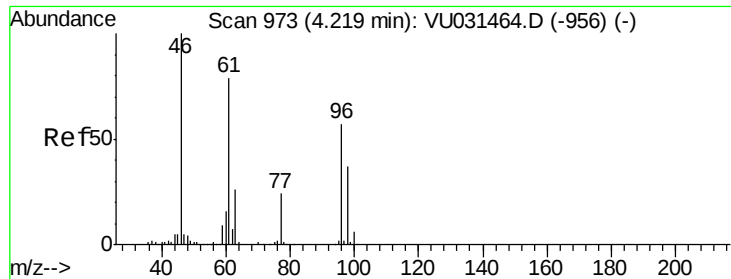
20000

10000

0

Time-->



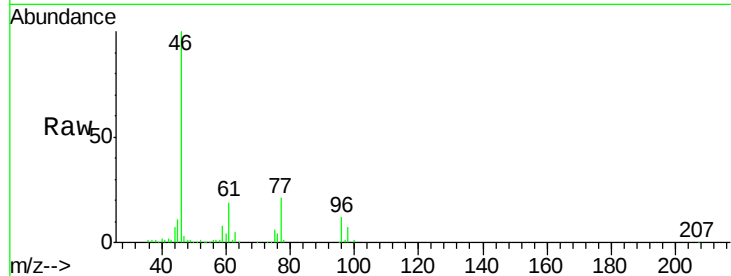


#22

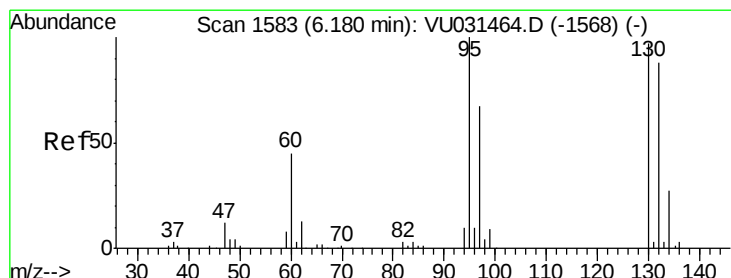
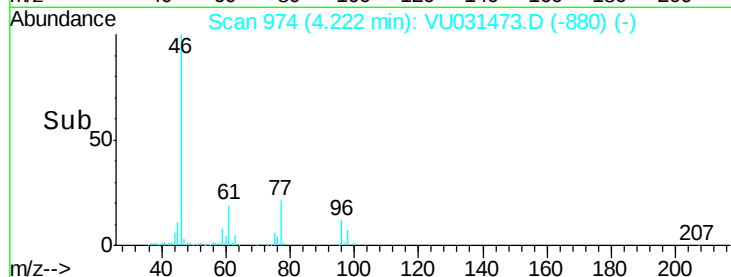
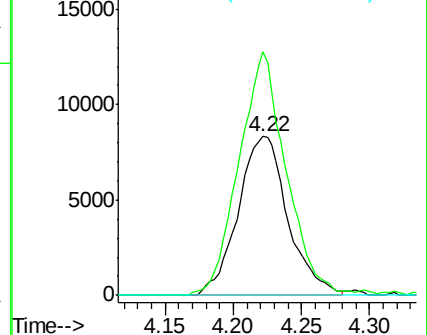
cis-1,2-Dichloroethene
Concen: 0.831 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031473.D
Acq: 24 Apr 2019 16:15

Instrument :
MSVOA_U
ClientSampleId :
GAHY4

Tot Ion: 96 Resp: 21073
Ion Ratio Lower Upper
96 100
61 153.6 94.8 176.2
68 0.0 0.0 0.0



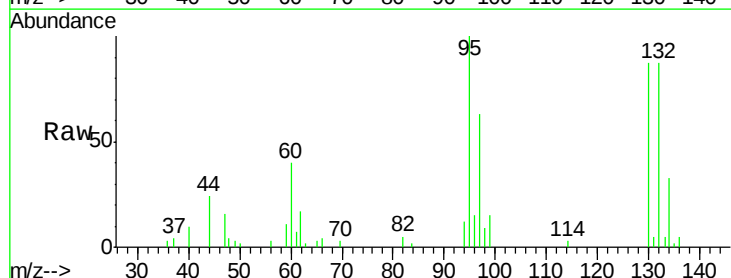
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene
Concen: 0.418 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031473.D
Acq: 24 Apr 2019 16:15

Tgt Ion: 95 Resp: 10918
Ion Ratio Lower Upper
95 100
97 63.3 44.3 82.3
132 86.9 59.9 111.3
130 87.0 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

