

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031852.D
 Acq On : 09 May 2019 04:28
 Operator : JC/SP
 Sample : K2743-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D25

Quant Time: May 09 07:49:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 06:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	423884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130806	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.67	69	118540	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	196650	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.19	46	510604	45.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.42%
24) Chloroform-d	4.64	84	281150	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.31	65	156876	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.33	84	524954	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.32	67	191924	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.56	98	403884	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	56335	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	323934	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	153218	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	140684	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

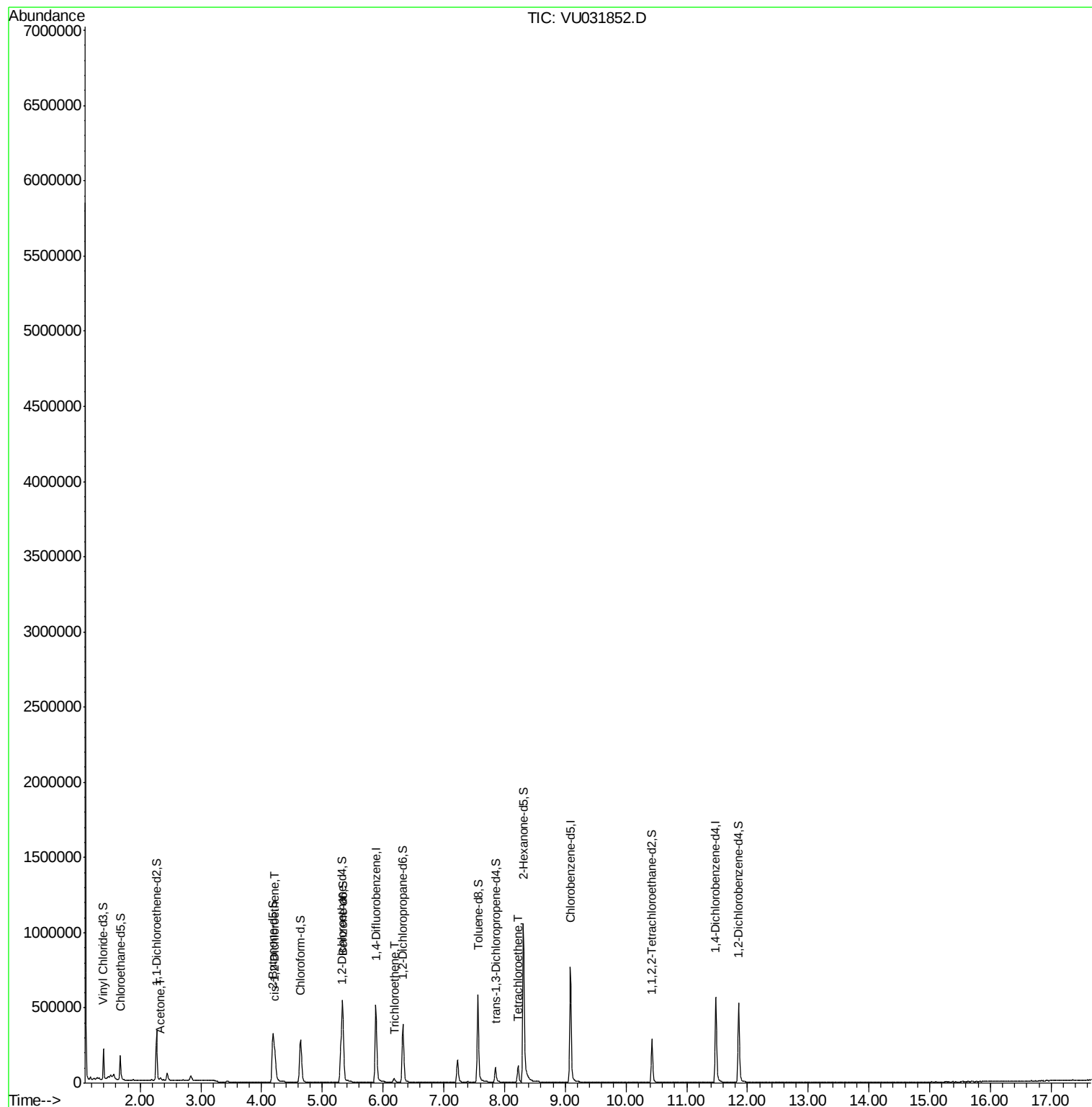
					Ovalue
13) Acetone	2.32	43	8244	1.081 ug/L	81
22) cis-1,2-Dichloroethene	4.22	96	64874	1.756 ug/L	88
34) Trichloroethene	6.19	95	7497	0.201 ug/L	87
47) Tetrachloroethene	8.22	164	24721	1.020 ug/L	96

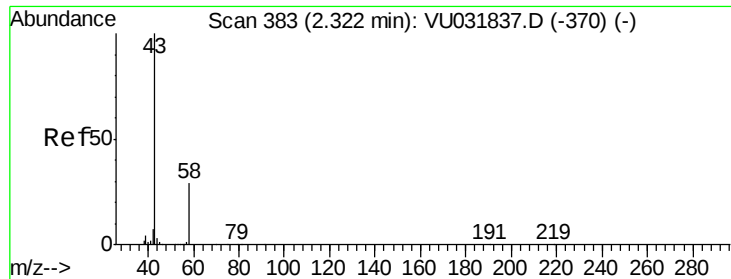
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.081 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampleId :

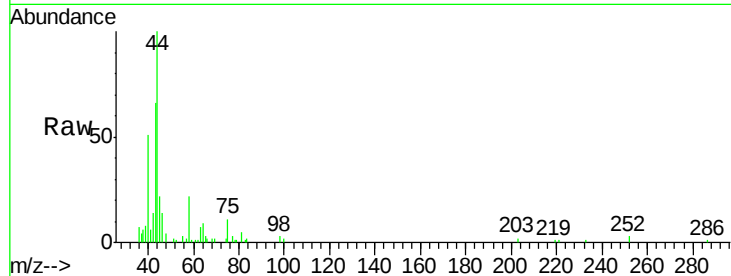
F9D25

Tot Ion: 43 Resp: 8244

Ion Ratio Lower Upper

43 100

58 36.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

6000

5000

4000

3000

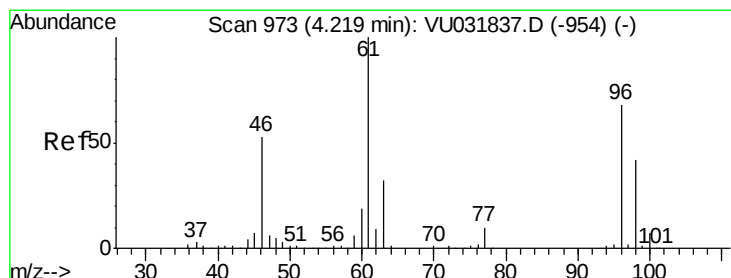
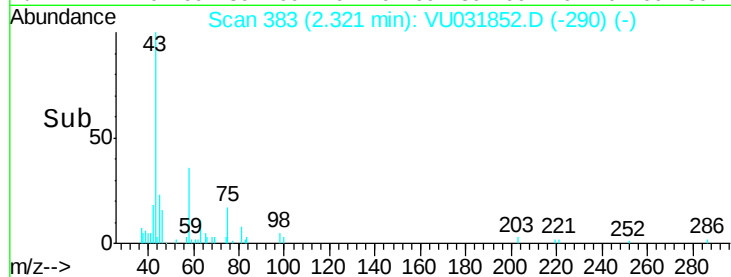
2000

1000

0

Time-->

2.30 2.35



#22

cis-1,2-Dichloroethene

Concen: 1.756 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

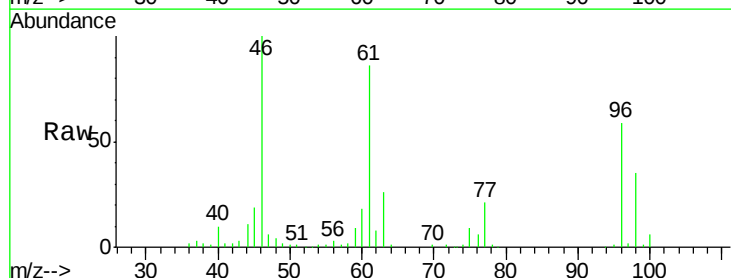
Tgt Ion: 96 Resp: 64874

Ion Ratio Lower Upper

96 100

61 145.9 113.3 210.5

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

50000

40000

30000

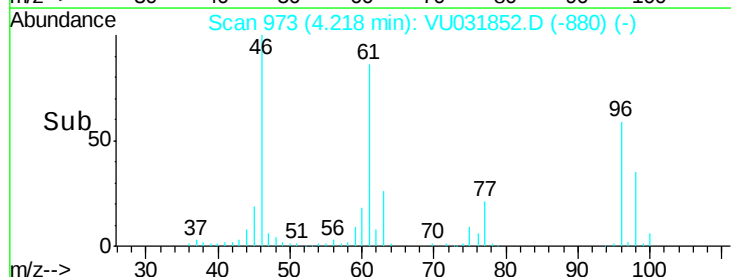
20000

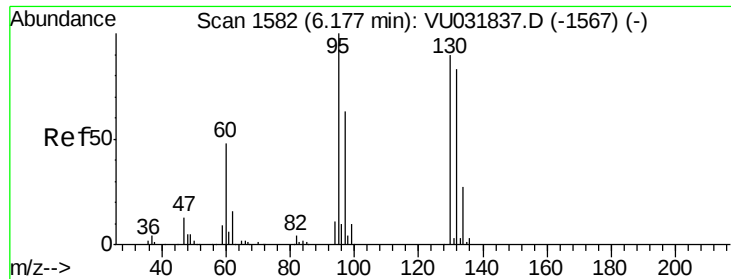
10000

0

Time-->

4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 0.201 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Instrument :

MSVOA_U

ClientSampleId :

F9D25

Tot Ion: 95 Resp: 7497

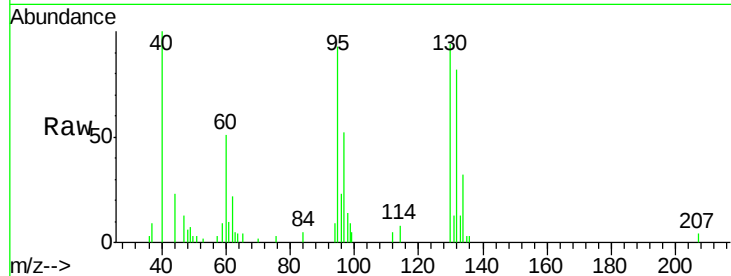
Ion Ratio Lower Upper

95 100

97 55.9 45.8 85.2

132 88.5 56.0 104.0

130 100.7 60.4 112.2

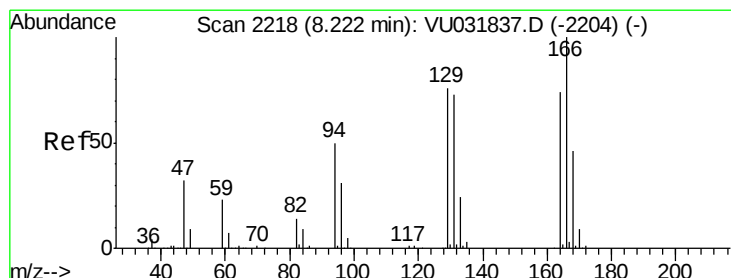
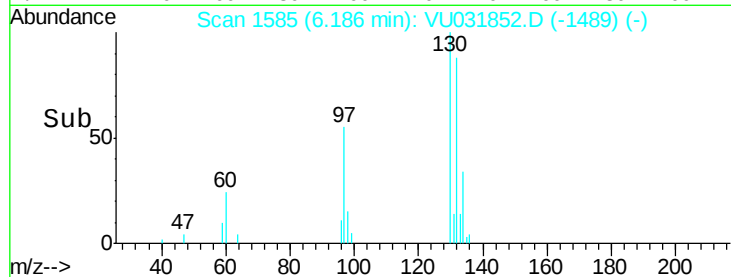
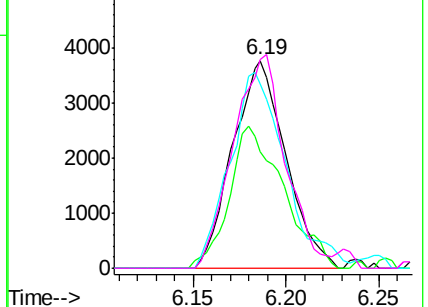


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 1.020 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031852.D

Acq: 09 May 2019 04:28

Tgt Ion: 164 Resp: 24721

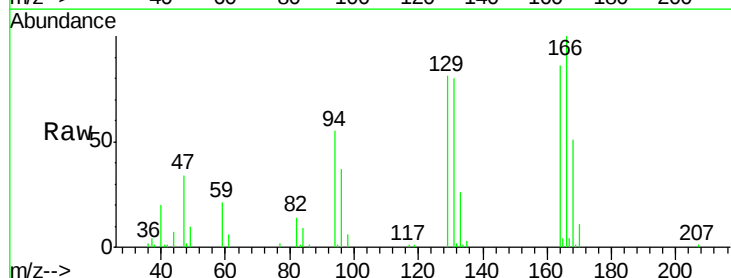
Ion Ratio Lower Upper

164 100

129 94.4 70.3 130.5

131 92.8 65.4 121.4

166 116.0 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

