

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032139.D
 Acq On : 18 May 2019 07:55
 Operator : JC/SP
 Sample : K2860-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W41

Quant Time: May 20 05:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 20 04:57:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	358844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106184	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.68	69	96165	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.27	63	152903	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.20	46	235703	39.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.44%
24) Chloroform-d	4.64	84	219523	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	109773	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	435527	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.32	67	125933	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.80%
41) Toluene-d8	7.56	98	361173	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.85	79	39474	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	8.31	63	205045	39.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111135	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	138856	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

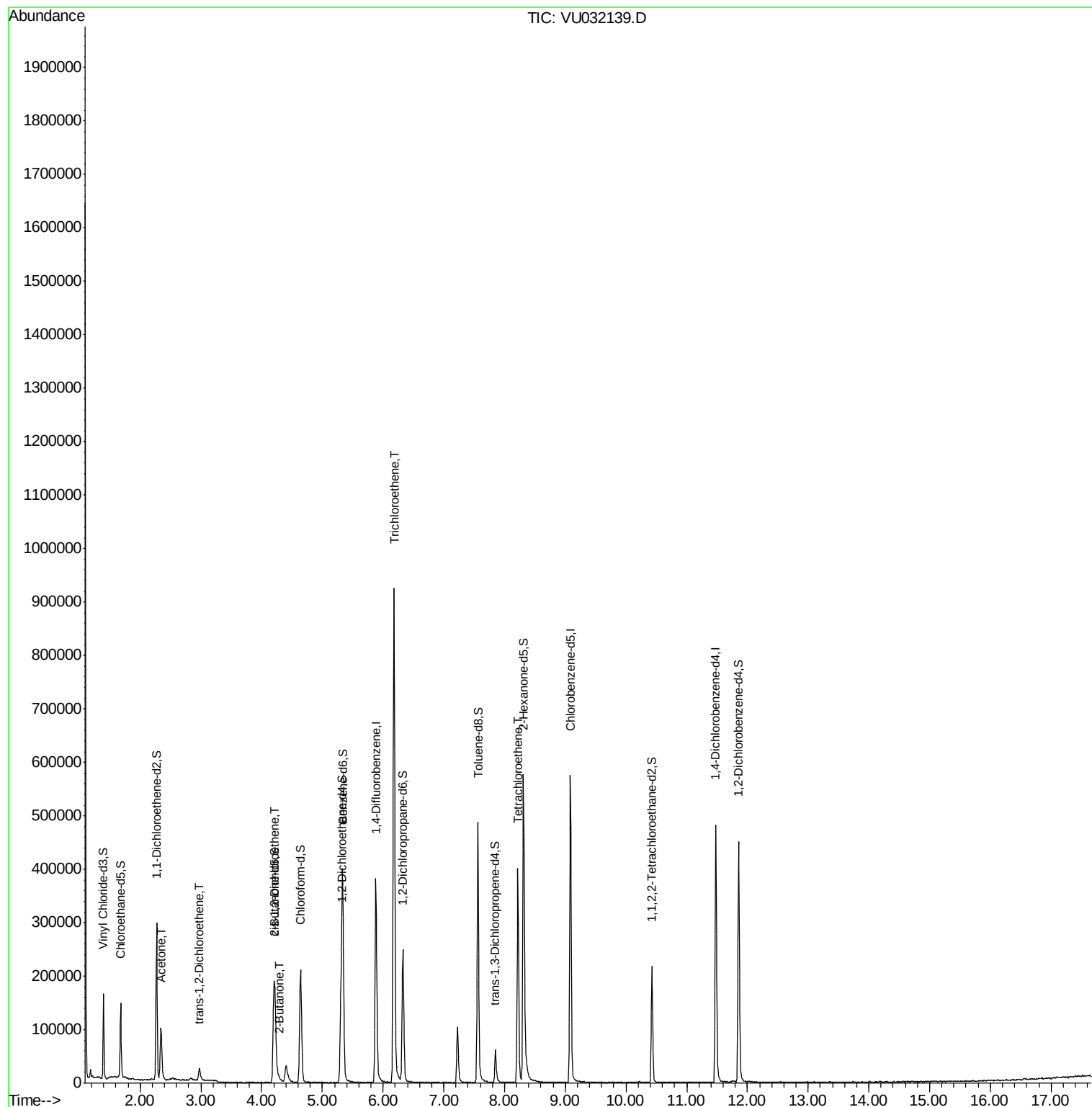
					Ovalue
13) Acetone	2.34	43	53975	27.705	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	9096	0.590	ug/L 90
21) 2-Butanone	4.31	43	4034	1.443	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	45353	2.989	ug/L 86
34) Trichloroethene	6.18	95	337672	22.354	ug/L 93
47) Tetrachloroethene	8.22	164	98021	8.681	ug/L 96

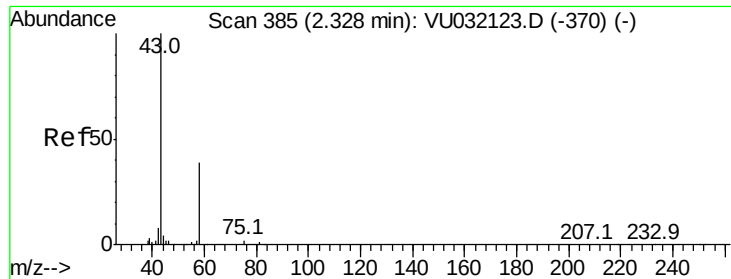
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 27.705 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.01 min

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Acq: 18 May 2019 07:55

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ClientSampleId :

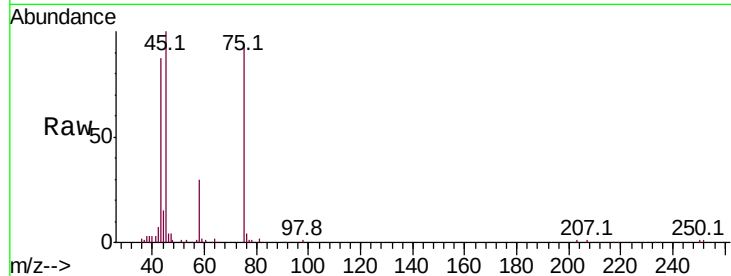
F9W41

Tot Ion: 43 Resp: 53975

Ion Ratio Lower Upper

43 100

58 38.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

25000

20000

15000

10000

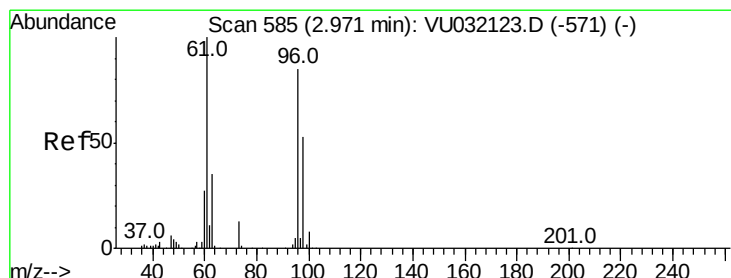
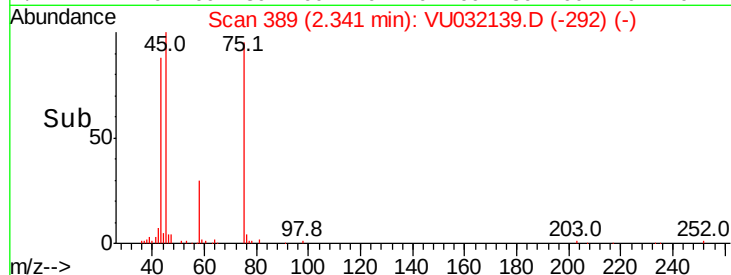
5000

0

Time-->

2.30

2.40



#18

trans-1,2-Dichloroethene

Concen: 0.590 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU032139.D

Acq: 18 May 2019 07:55

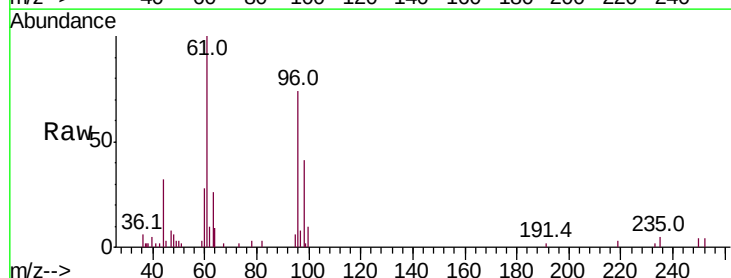
Tgt Ion: 96 Resp: 9096

Ion Ratio Lower Upper

96 100

61 136.0 86.5 160.7

98 56.1 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

8000

6000

4000

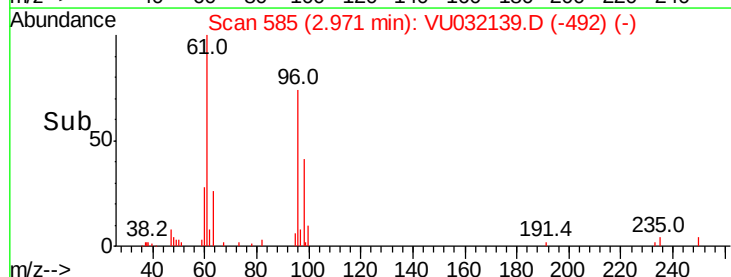
2000

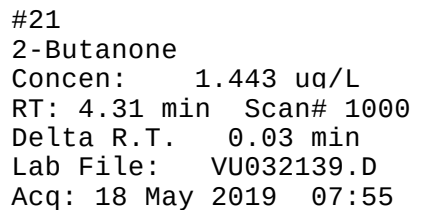
0

Time-->

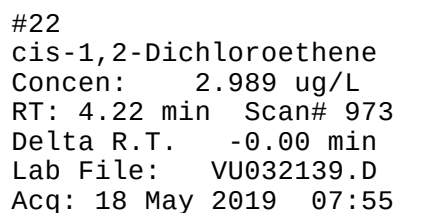
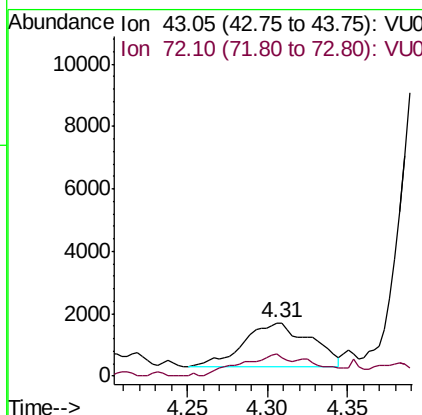
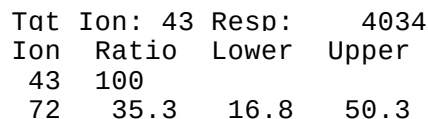
2.95

3.00

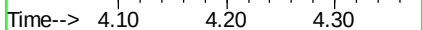
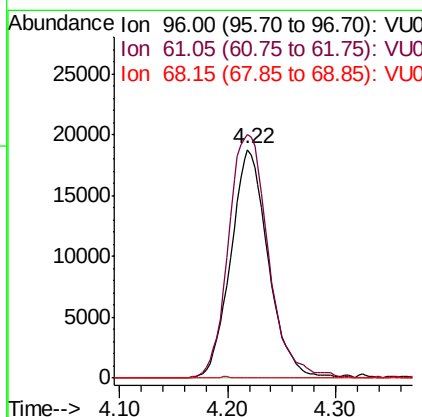


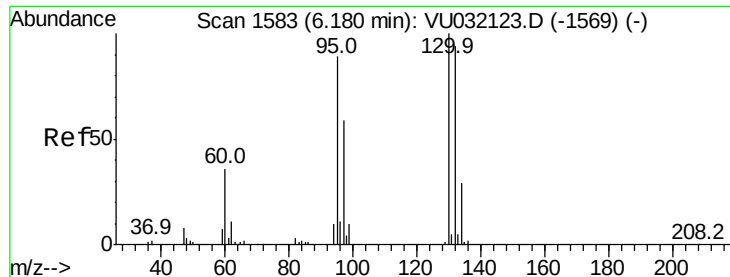


Instrument :
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Tgt	Ion: 96	Resp:	45353
Ion	Ratio	Lower	Upper
96	100		
61	106.6	85.8	159.4
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 22.354 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampled :

F9W41

Tot Ion: 95 Resp: 337672

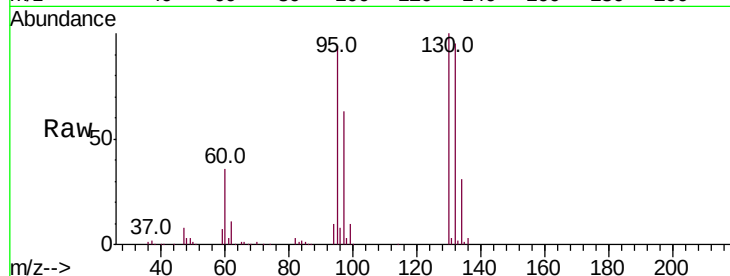
Ion Ratio Lower Upper

95 100

97 67.1 45.2 84.0

132 100.7 66.1 122.7

130 106.1 66.7 123.9

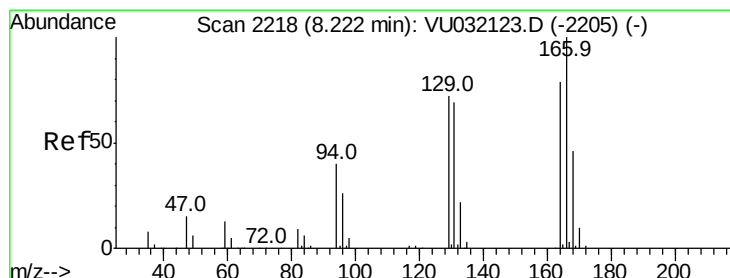
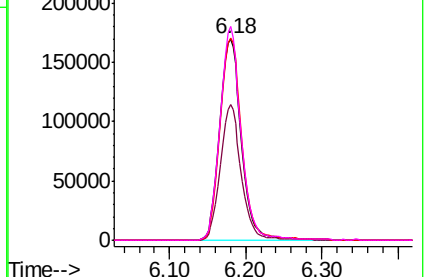
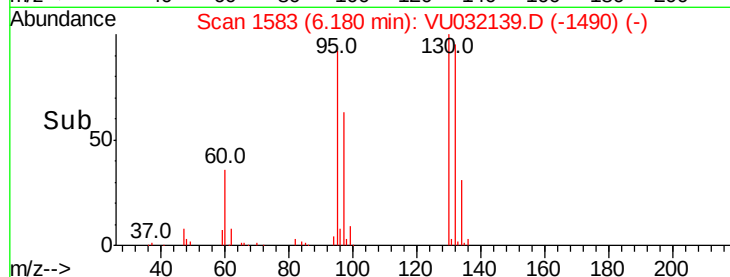


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.681 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032139.D

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Tgt Ion:164 Resp: 98021

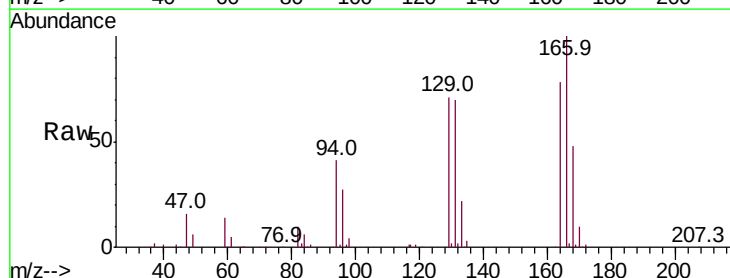
Ion Ratio Lower Upper

164 100

129 91.6 70.3 130.5

131 90.2 64.5 119.9

166 128.4 92.3 171.5



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

