

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032151.D
 Acq On : 20 May 2019 13:37
 Operator : JC/SP
 Sample : K2860-14DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W41DL

Quant Time: May 21 10:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 06:39:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	379453	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	385683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108448	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.68	69	96614	3.54	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.27	63	155462	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.20	46	256193	40.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.66%
24) Chloroform-d	4.64	84	228030	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.31	65	113354	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
32) Benzene-d6	5.33	84	449692	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.33	67	135958	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.56	98	364697	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	7.85	79	44127	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.31	63	211686	37.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113646	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	142020	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

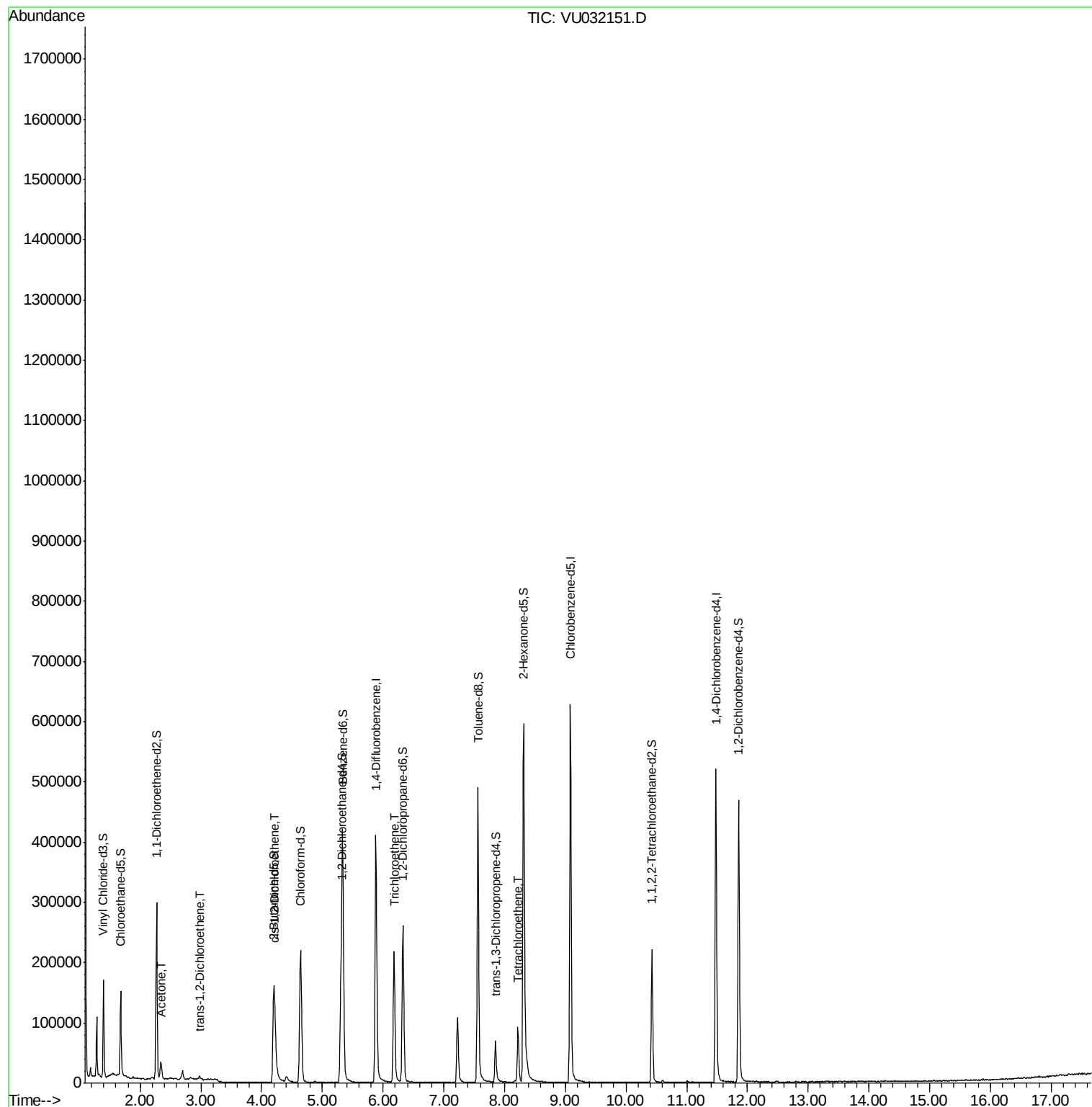
					Ovalue
13) Acetone	2.34	43	15198	7.377 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	2405	0.147 ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	11877	0.740 ug/L	80
34) Trichloroethene	6.18	95	77013	4.794 ug/L	95
47) Tetrachloroethene	8.22	164	24165	2.012 ug/L	87

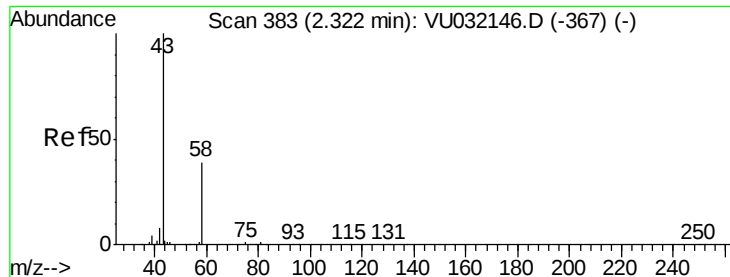
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.377 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU032151.D

Acq: 20 May 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

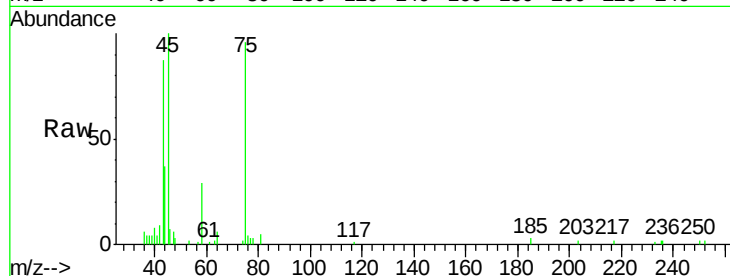
F9W41DL

Tot Ion: 43 Resp: 15198

Ion Ratio Lower Upper

43 100

58 36.7 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032146.D (-367) (-)

Ion 58.05 (57.75 to 58.75): VU032146.D (-367) (-)

2.34

8000

6000

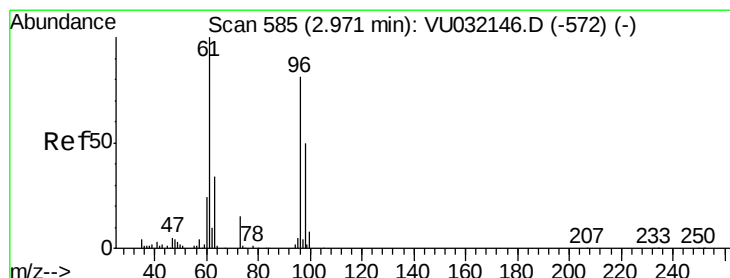
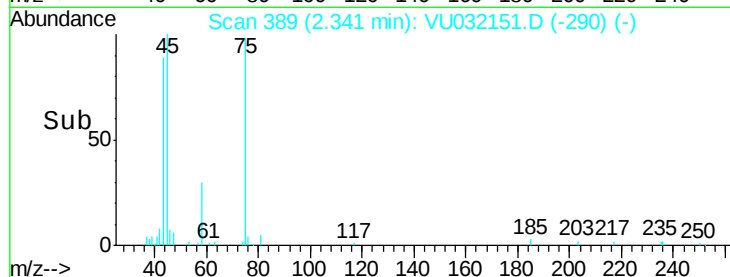
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#18

trans-1,2-Dichloroethene

Concen: 0.147 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.01 min

Lab File: VU032151.D

Acq: 20 May 2019 13:37

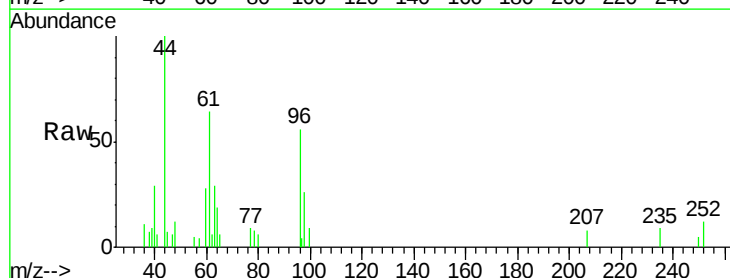
Tgt Ion: 96 Resp: 2405

Ion Ratio Lower Upper

96 100

61 113.4 86.5 160.7

98 45.4 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VU032146.D (-572) (-)

Ion 61.05 (60.75 to 61.75): VU032146.D (-572) (-)

Ion 97.95 (97.65 to 98.65): VU032146.D (-572) (-)

2.98

2000

1500

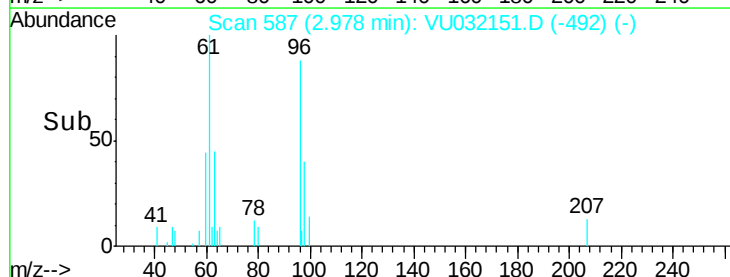
1000

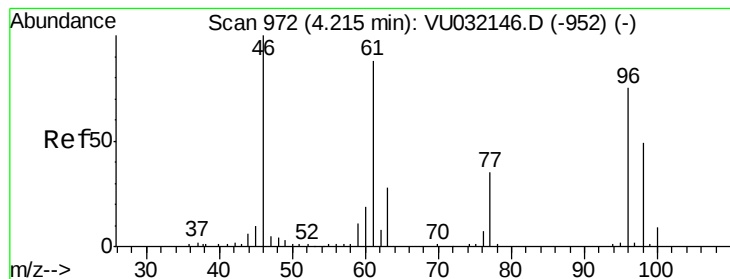
500

0

Time-->

2.95 3.00 3.05



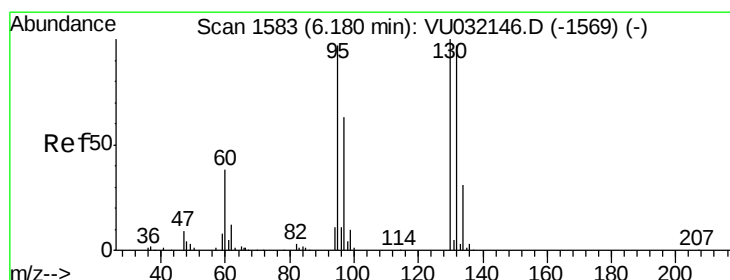
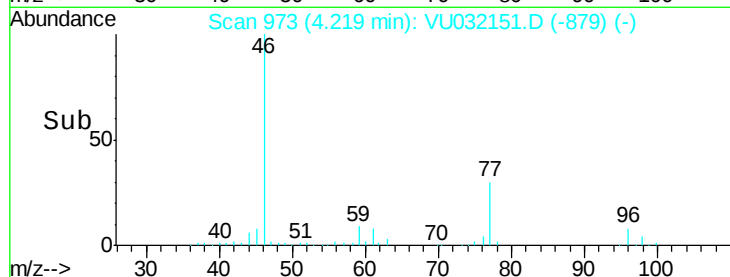
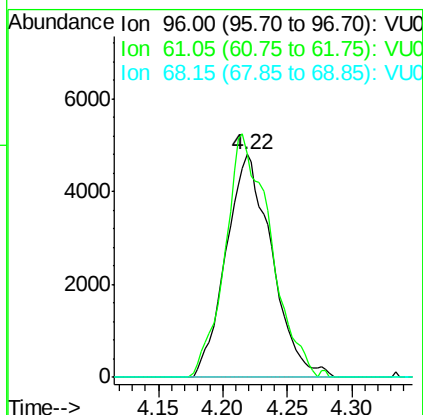
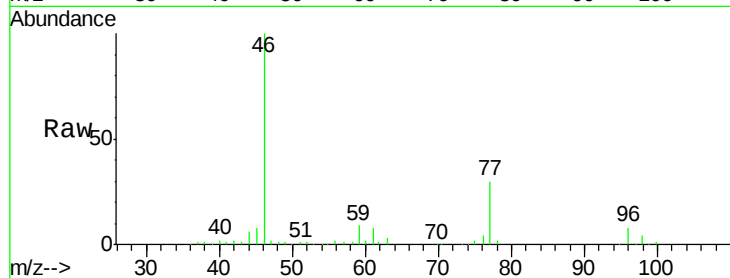


#22

cis-1,2-Dichloroethene
Concen: 0.740 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032151.D
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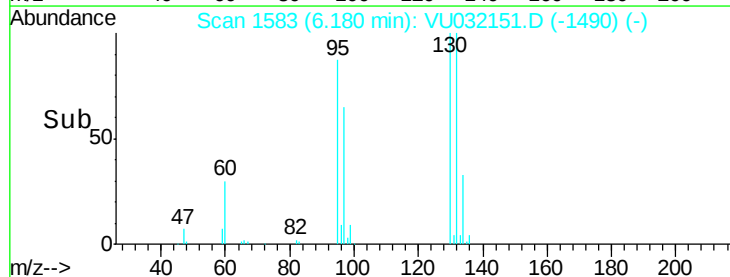
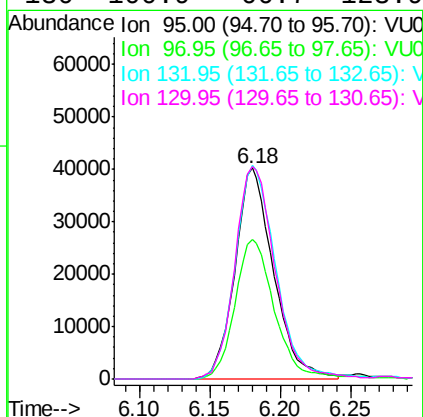
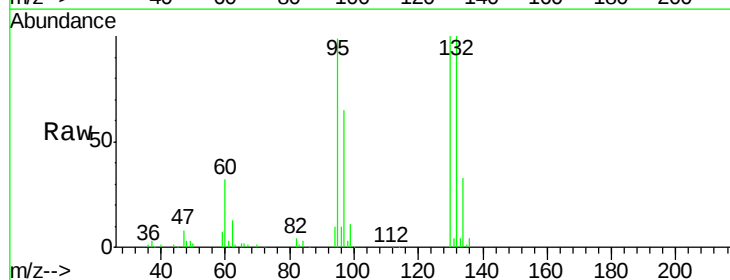
Tot Ion: 96 Resp: 11877
Ion Ratio Lower Upper
96 100
61 100.3 85.8 159.4
68 0.0 0.0 0.0

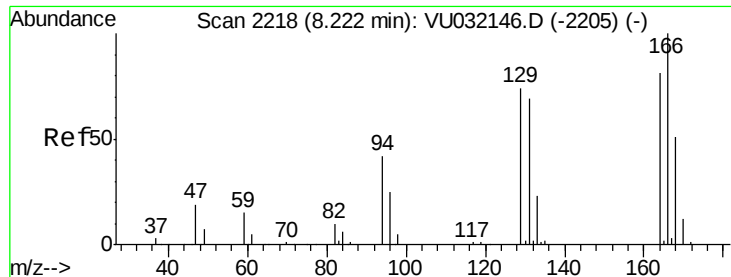


#34

Trichloroethene
Concen: 4.794 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032151.D
Acq: 20 May 2019 13:37

Tgt Ion: 95 Resp: 77013
Ion Ratio Lower Upper
95 100
97 66.0 45.2 84.0
132 101.1 66.1 122.7
130 100.9 66.7 123.9





#47

Tetrachloroethene

Concen: 2.012 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032151.D

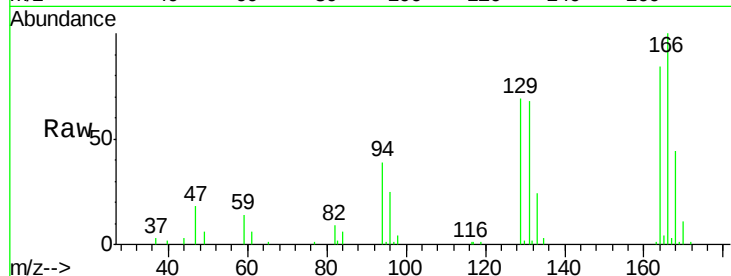
Acq: 20 May 2019 13:37

Instrument :

MSVOA_U

ClientSampleId :

F9W41DL



Tot Ion:164 Resp: 24165

Ion Ratio Lower Upper

164 100

129 82.1 70.3 130.5

131 81.5 64.5 119.9

166 119.1 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

