

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032019.D
 Acq On : 15 May 2019 10:15
 Operator : JC/SP
 Sample : K2738-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB893

Quant Time: May 16 04:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1068899	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1043610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	427898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	382911	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.67	69	334646	44.06	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.27	63	538379	32.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.04%
21) 2-Butanone-d5	4.17	46	594054	90.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.45%
24) Chloroform-d	4.64	84	690948	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	443852	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
32) Benzene-d6	5.34	84	1459589	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.32	67	483511	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.56	98	1253162	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	202217	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.31	63	389658	96.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	667749	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	445298	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%

Target Compounds

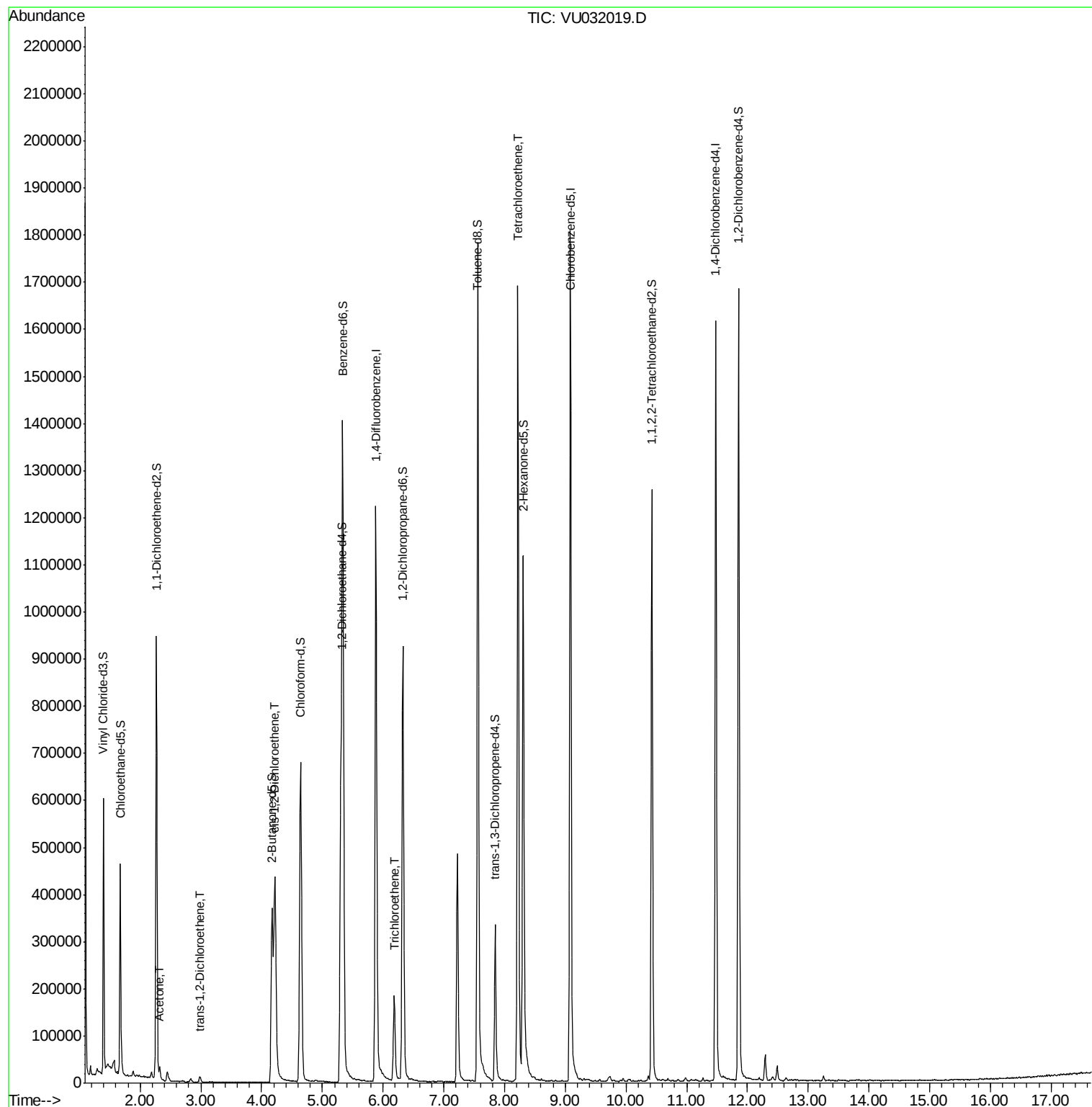
					Ovalue
13) Acetone	2.32	43	22444	3.324	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	5106	0.622	ug/L 93
20) cis-1,2-Dichloroethene	4.22	96	230188	25.341	ug/L 99
34) Trichloroethene	6.19	95	64045	7.565	ug/L 97
46) Tetrachloroethene	8.22	164	384882	64.393	ug/L 98

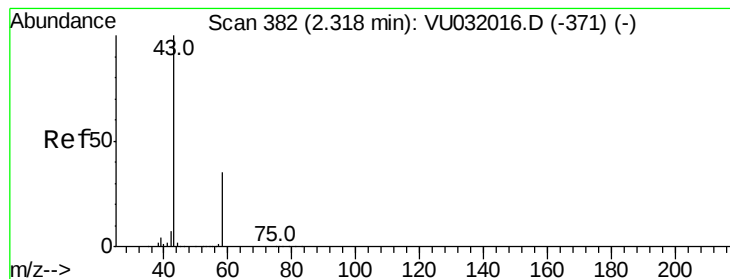
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.324 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032019.D

Acq: 15 May 2019 10:15

Instrument :

MSVOA_U

ClientSampled :

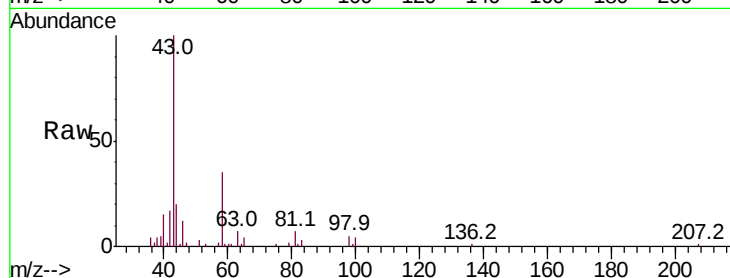
DB893

Tot Ion: 43 Resp: 22444

Ion Ratio Lower Upper

43 100

58 33.7 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU032019.D (-493) (-)

Ion 58.00 (57.70 to 58.70): VU032019.D (-493) (-)

2.32

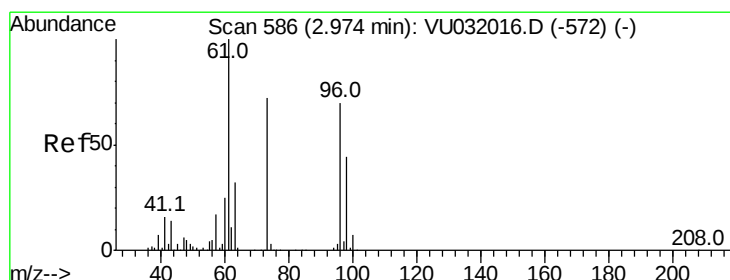
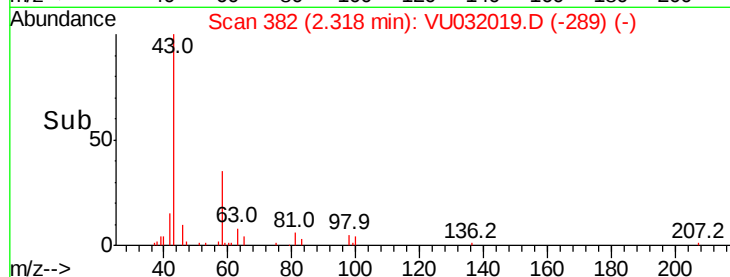
15000

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#17

trans-1,2-Dichloroethene

Concen: 0.622 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU032019.D

Acq: 15 May 2019 10:15

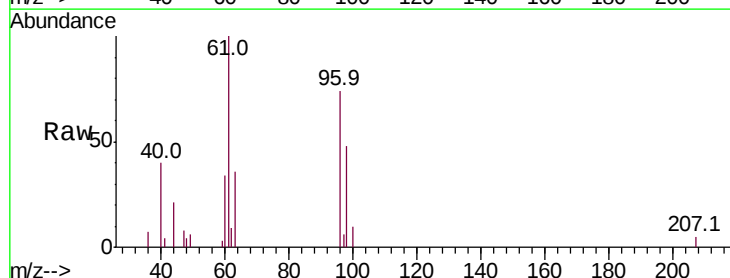
Tgt Ion: 96 Resp: 5106

Ion Ratio Lower Upper

96 100

61 135.2 103.2 191.6

98 64.6 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU032019.D (-493) (-)

Ion 61.00 (60.70 to 61.70): VU032019.D (-493) (-)

Ion 98.00 (97.70 to 98.70): VU032019.D (-493) (-)

2.98

4000

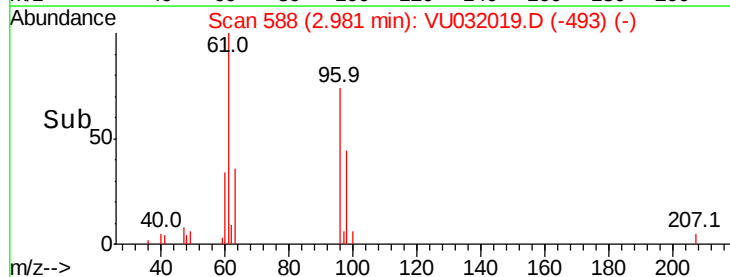
3000

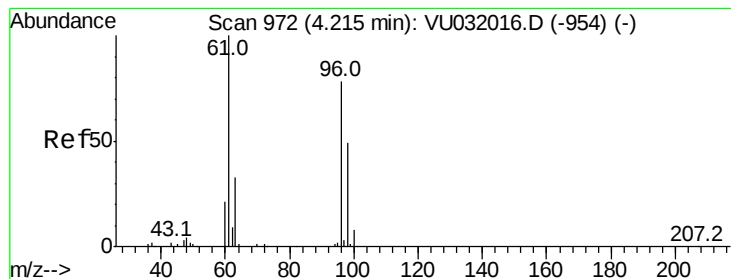
2000

1000

0

Time--> 2.95 3.00



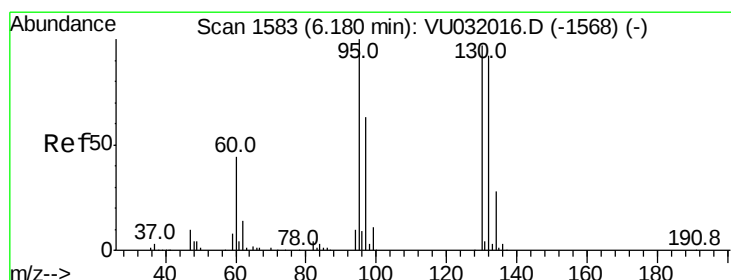
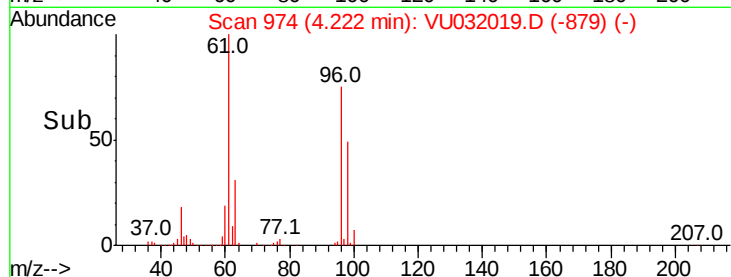
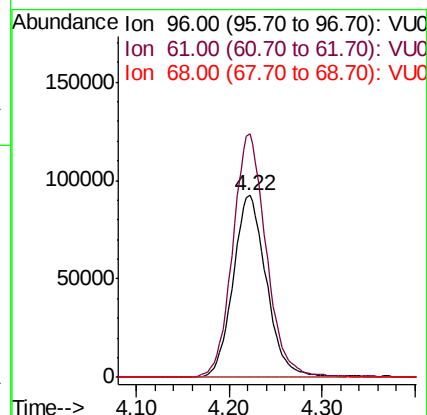
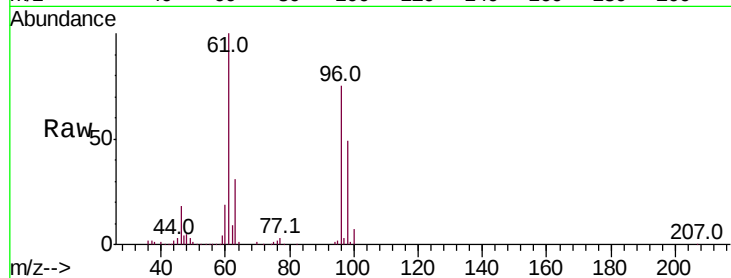


#20

cis-1,2-Dichloroethene
 Concen: 25.341 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VU032019.D
 Acq: 15 May 2019 10:15

Instrument :
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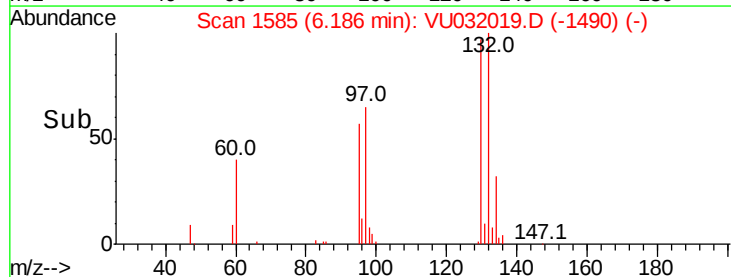
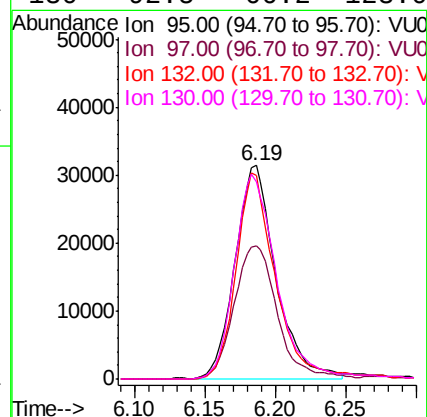
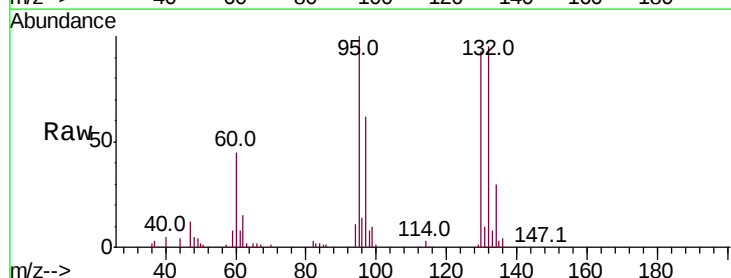
Tot Ion	96	Resp	230188
Ion	Ratio	Lower	Upper
96	100		
61	133.8	93.0	172.8
68	0.0	0.0	0.0

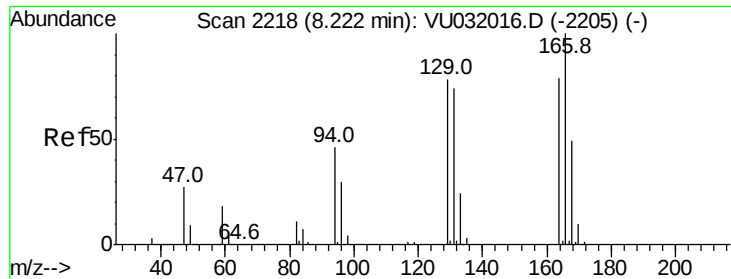


#34

Trichloroethene
 Concen: 7.565 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032019.D
 Acq: 15 May 2019 10:15

Tgt Ion	95	Resp	64045
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.9	83.3
132	95.5	63.5	117.9
130	92.5	66.2	123.0





#46

Tetrachloroethene

Concen: 64.393 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032019.D

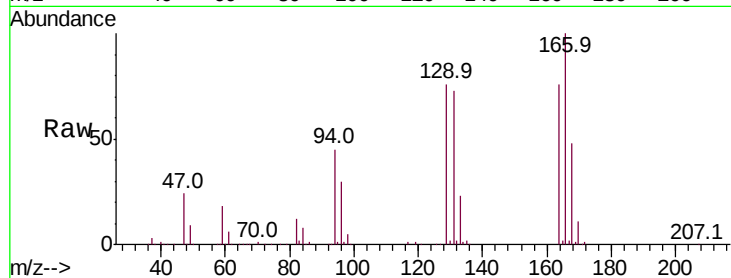
Acq: 15 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

DB893



Tot Ion:164 Resp: 384882

Ion Ratio Lower Upper

164 100

129 99.4 70.9 131.7

131 95.0 67.4 125.2

166 130.9 90.2 167.4

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

