

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032311.D
 Acq On : 24 May 2019 14:13
 Operator : JC/SP
 Sample : K3018-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XJ4

Quant Time: May 25 00:23:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:32:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	778537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	775846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	231103	56.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.58%
7) Chloroethane-d5	1.67	69	208770	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.90%
11) 1,1-Dichloroethene-d2	2.27	63	333422	41.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.62%
21) 2-Butanone-d5	4.17	46	343851	88.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.64	84	473319	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	5.30	65	295057	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
32) Benzene-d6	5.33	84	991141	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.32	67	299667	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.56	98	896084	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.85	79	126744	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.31	63	232156	87.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	449594	42.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	347835	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

Target Compounds

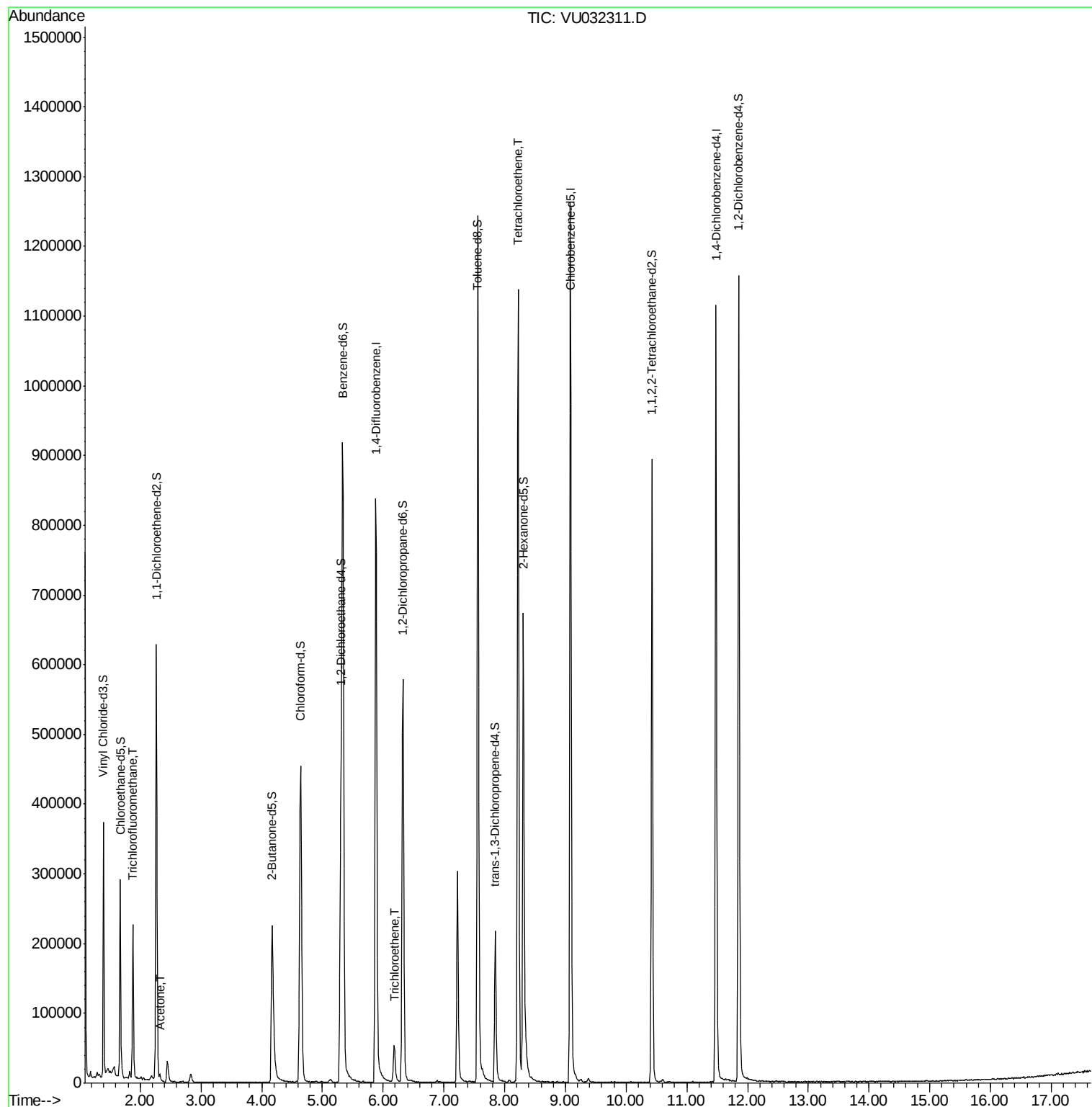
					Ovalue
9) Trichlorofluoromethane	1.88	101	132540	18.809 ug/L	99
13) Acetone	2.32	43	4745	1.516 ug/L	93
34) Trichloroethene	6.18	95	15394	2.804 ug/L	89
46) Tetrachloroethene	8.22	164	283795	68.829 ug/L	95

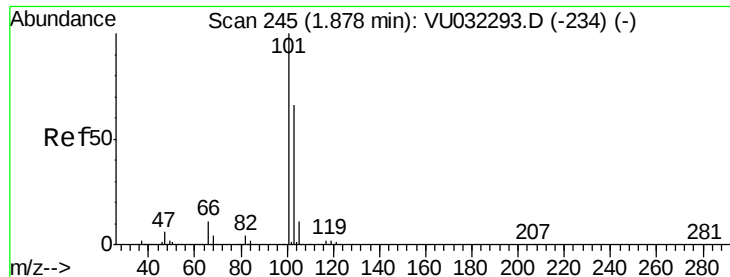
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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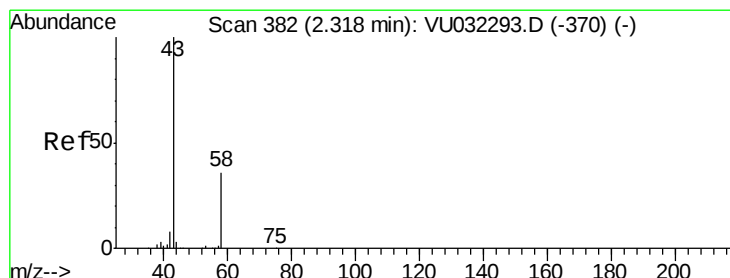
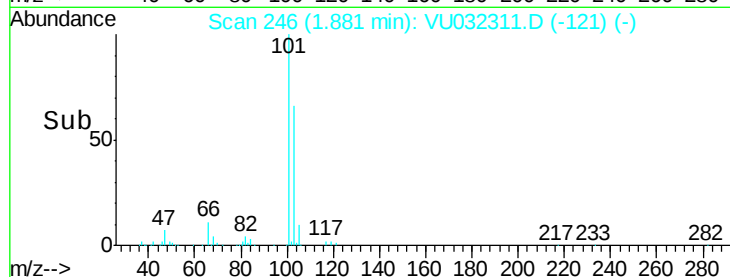
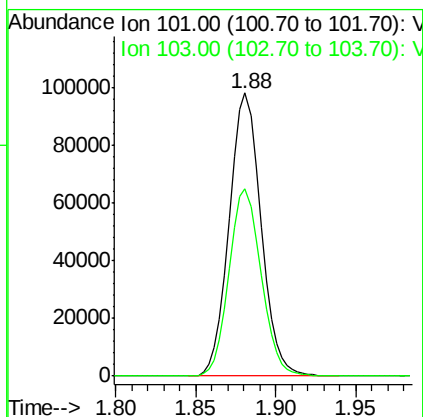
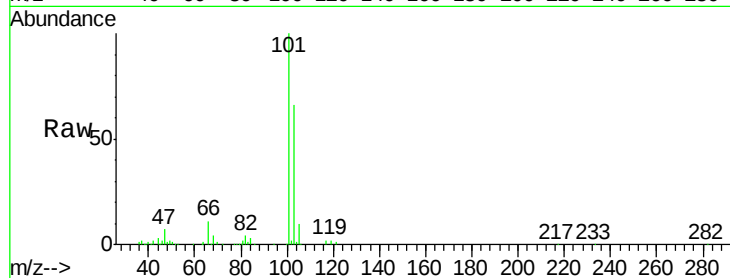


#9

Trichlorofluoromethane
 Concen: 18.809 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU032311.D
 Acq: 24 May 2019 14:13

Instrument :
 MSVOA_U
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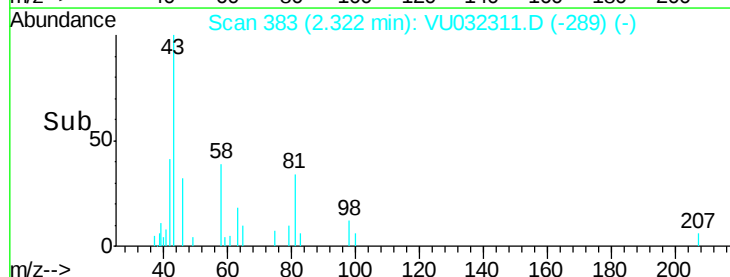
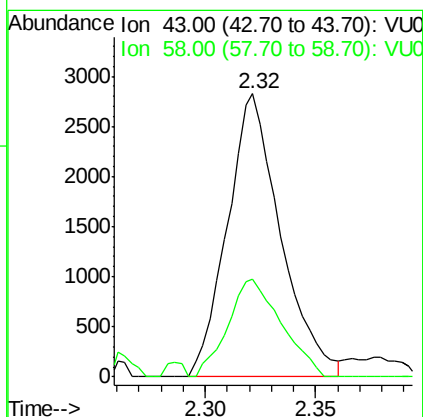
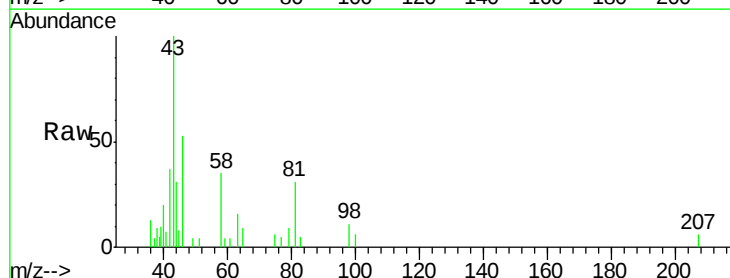
Tot Ion:101 Resp: 132540
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.6 79.0

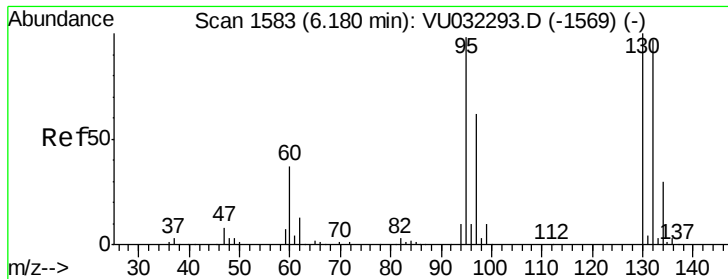


#13

Acetone
 Concen: 1.516 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU032311.D
 Acq: 24 May 2019 14:13

Tgt Ion: 43 Resp: 4745
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 77.2





#34

Trichloroethene

Concen: 2.804 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Instrument :

MSVOA_U

ClientSampleId :

C0XJ4

Tot Ion: 95 Resp: 15394

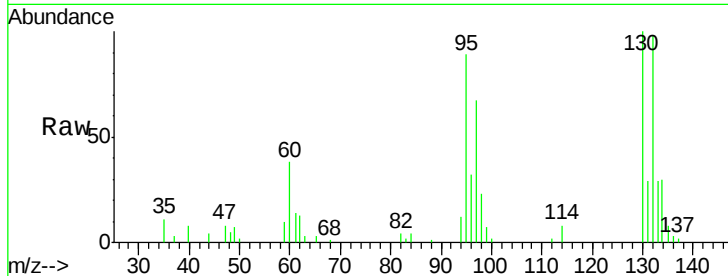
Ion Ratio Lower Upper

95 100

97 74.8 45.3 84.1

132 110.0 68.0 126.2

130 112.2 73.2 136.0

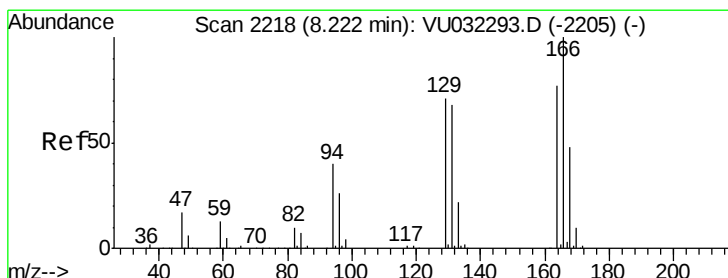
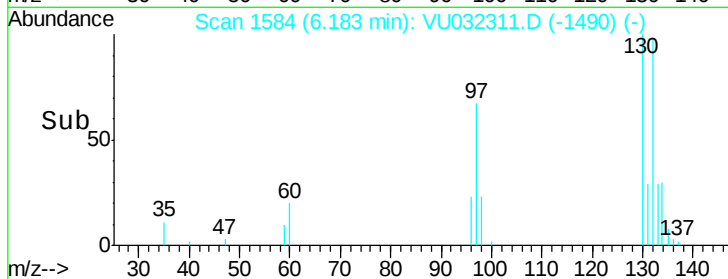
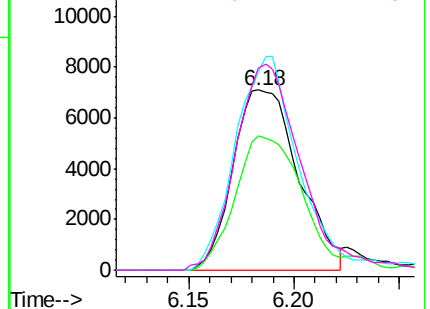


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 68.829 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032311.D

Acq: 24 May 2019 14:13

Tgt Ion: 164 Resp: 283795

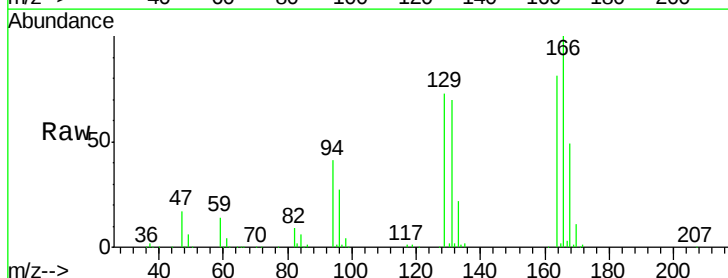
Ion Ratio Lower Upper

164 100

129 89.8 66.2 123.0

131 86.0 61.9 114.9

166 123.7 91.8 170.4



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

