

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\
 Data File : VU032329.D
 Acq On : 28 May 2019 15:25
 Operator : JC/SP
 Sample : K3018-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XH8

Quant Time: May 29 05:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 05:27:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	720654	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	712028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217522	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.90%
7) Chloroethane-d5	1.67	69	202406	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.38%
11) 1,1-Dichloroethene-d2	2.27	63	316457	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.17	46	378831	108.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.64	84	452892	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.31	65	287398	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
32) Benzene-d6	5.34	84	922549	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.32	67	292092	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.56	98	797232	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.85	79	120837	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.31	63	243652	100.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	437805	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	305869	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

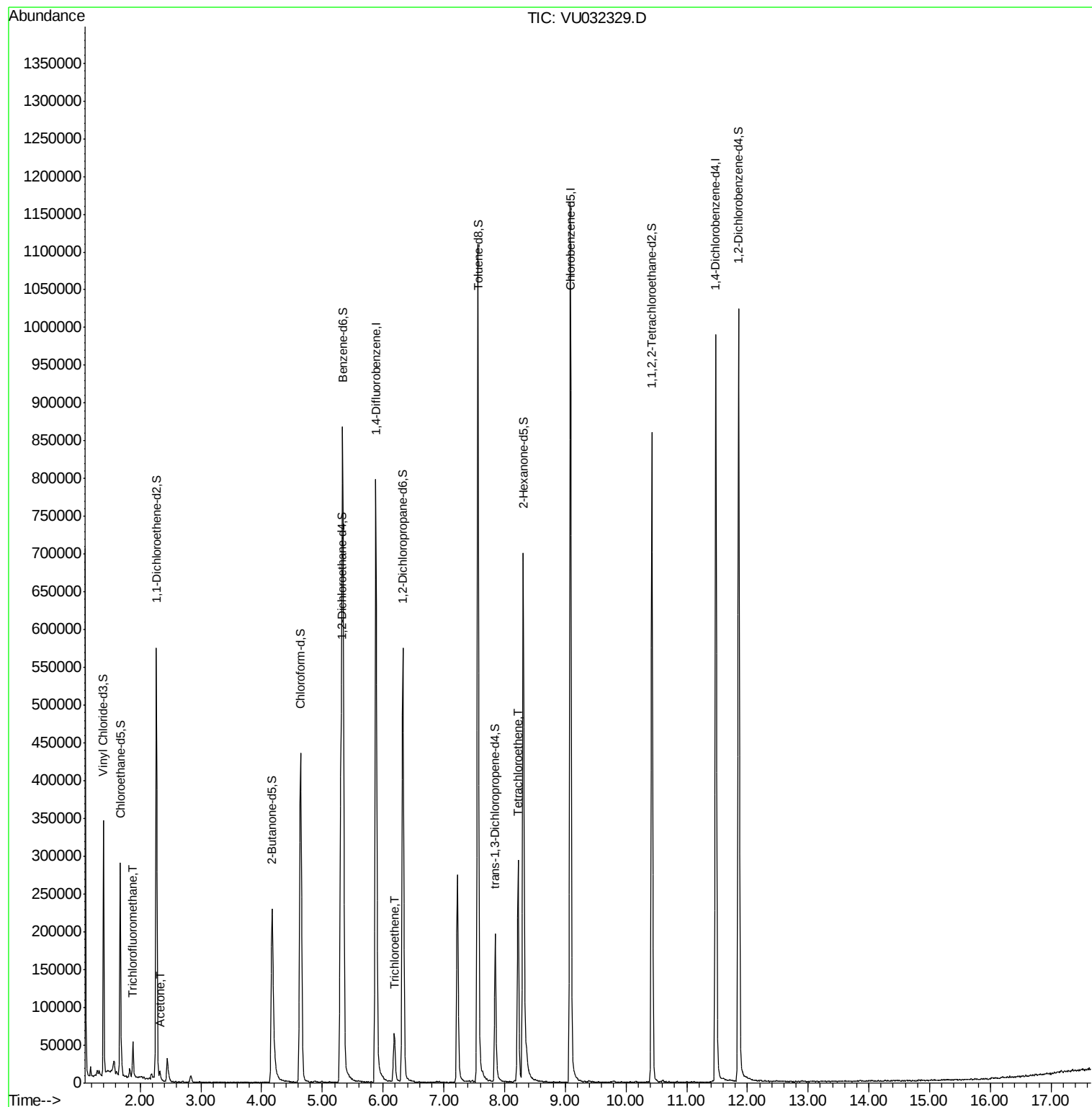
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	25311	3.340	ug/L	97
13) Acetone	2.32	43	7813	2.371	ug/L	96
34) Trichloroethene	6.19	95	22169	4.306	ug/L	96
46) Tetrachloroethene	8.22	164	69940	16.723	ug/L	95

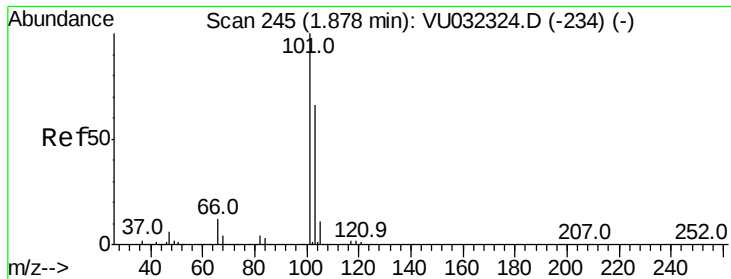
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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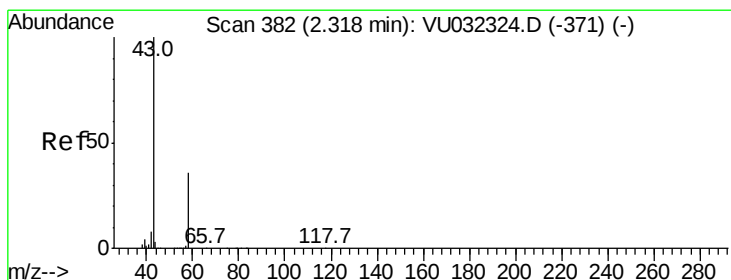
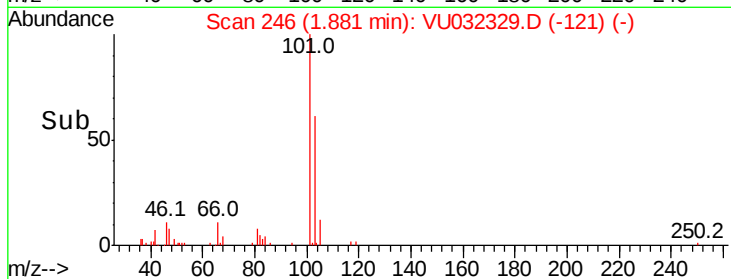
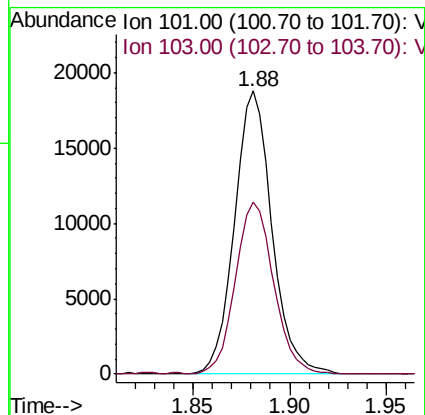
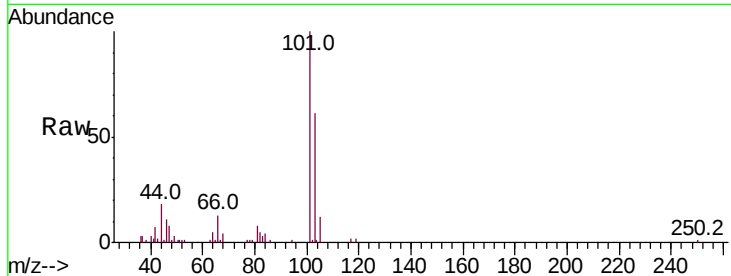


#9

Trichlorofluoromethane
 Concen: 3.340 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU032329.D
 Acq: 28 May 2019 15:25

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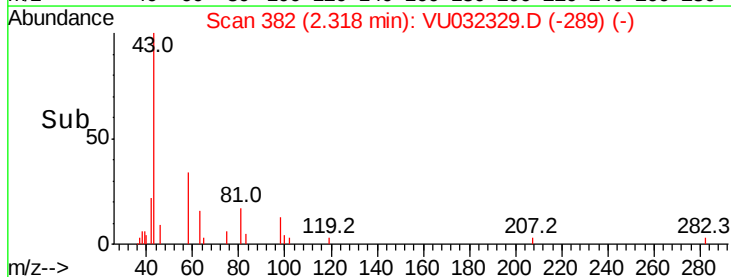
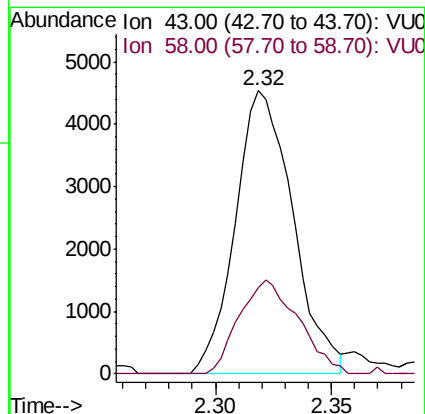
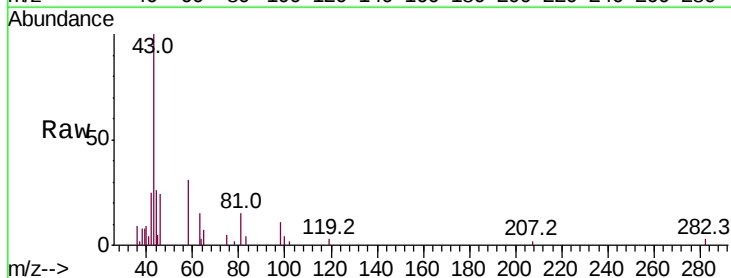
Tot Ion:101 Resp: 25311
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.7 77.5

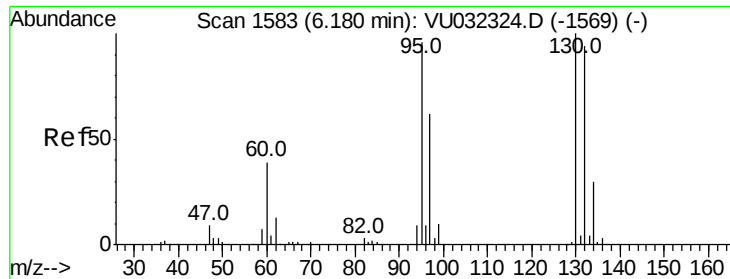


#13

Acetone
 Concen: 2.371 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032329.D
 Acq: 28 May 2019 15:25

Tgt Ion: 43 Resp: 7813
 Ion Ratio Lower Upper
 43 100
 58 34.2 0.0 73.6





#34

Trichloroethene

Concen: 4.306 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0XH8

Tot Ion: 95 Resp: 22169

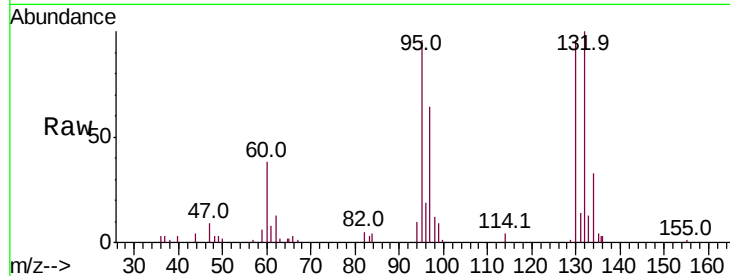
Ion Ratio Lower Upper

95 100

97 66.6 44.8 83.2

132 103.7 66.2 123.0

130 99.4 69.4 128.8

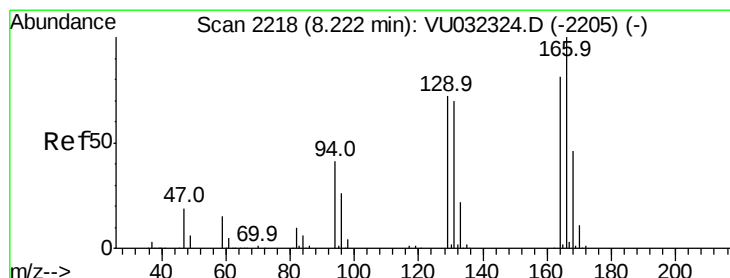
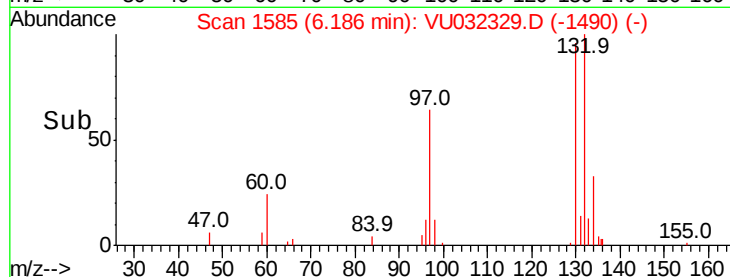
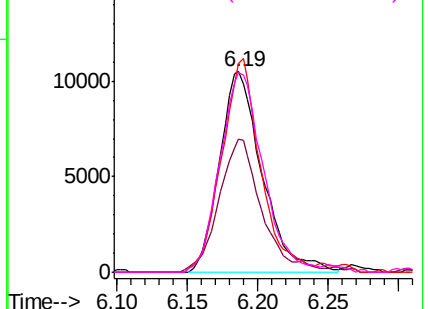


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 16.723 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032329.D

Acq: 28 May 2019 15:25

Tgt Ion: 164 Resp: 69940

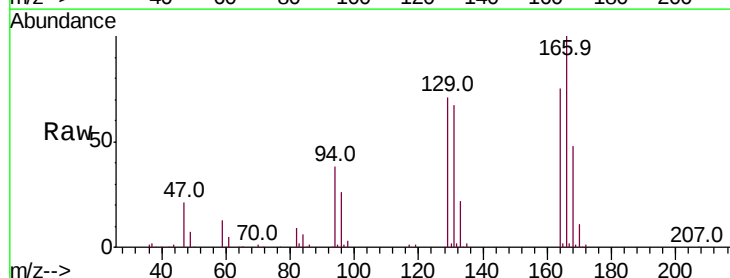
Ion Ratio Lower Upper

164 100

129 94.9 63.9 118.7

131 89.5 60.4 112.2

166 133.2 88.3 164.1



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

