

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031455.D
 Acq On : 23 Apr 2019 22:36
 Operator : JC/SP
 Sample : K2536-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X24

Quant Time: Apr 24 09:04:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	728343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	670571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	281080	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	227131	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.96%
7) Chloroethane-d5	1.68	69	188742	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.27	63	327857	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	4.19	46	444770	100.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.64	84	413632	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	5.31	65	264685	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.34	84	858066	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.33	67	293561	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.18%
41) Toluene-d8	7.56	98	744053	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	121407	42.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.48%
47) 2-Hexanone-d5	8.31	63	314028	100.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	396796	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	264108	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%

Target Compounds

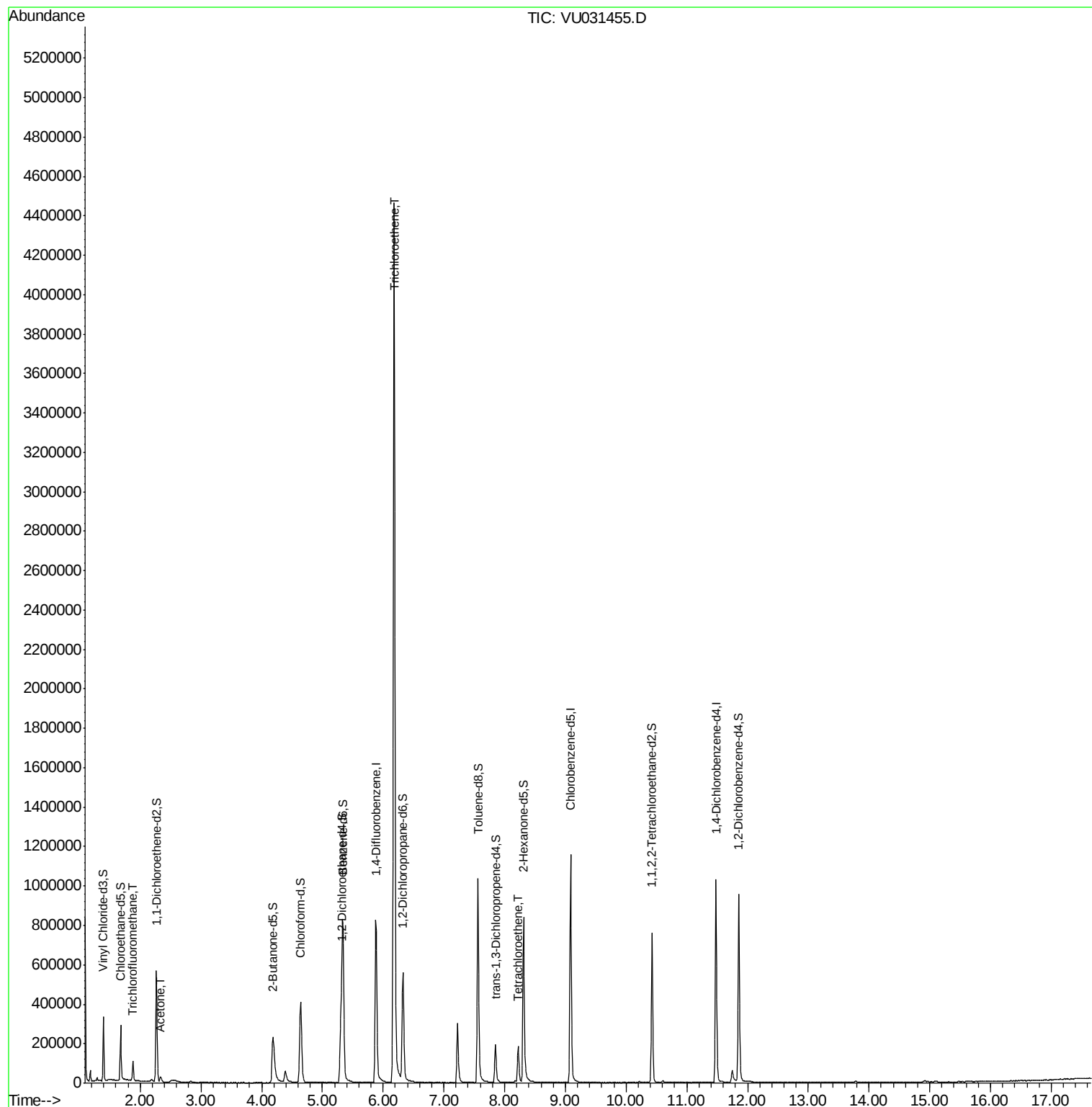
					Ovalue
9) Trichlorofluoromethane	1.88	101	56750	7.299 ug/L	98
13) Acetone	2.34	43	33836	9.768 ug/L	99
34) Trichloroethene	6.18	95	1666066	324.173 ug/L	97
46) Tetrachloroethene	8.22	164	47456	13.019 ug/L	97

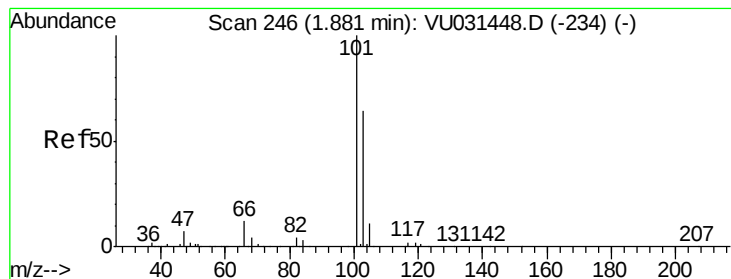
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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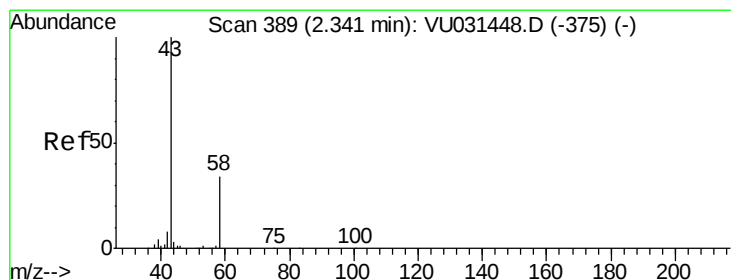
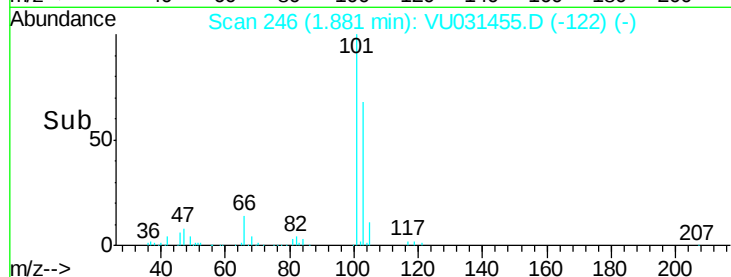
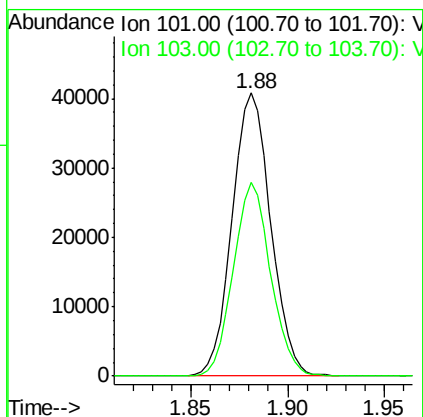
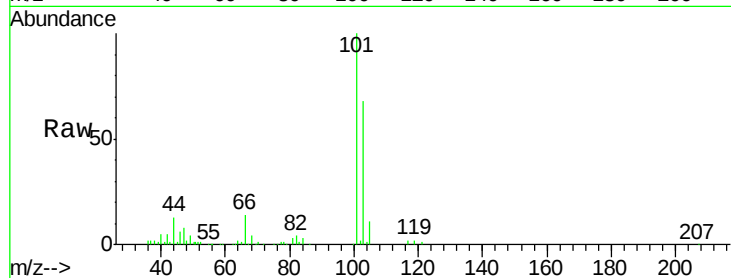


#9

Trichlorofluoromethane
 Concen: 7.299 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU031455.D
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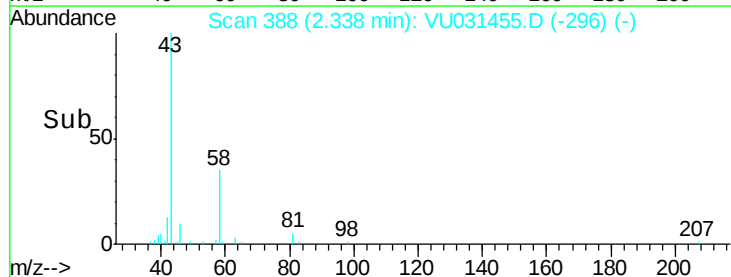
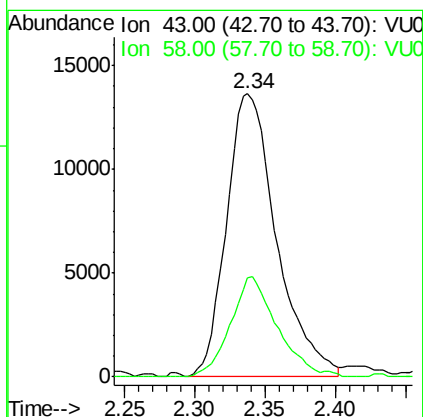
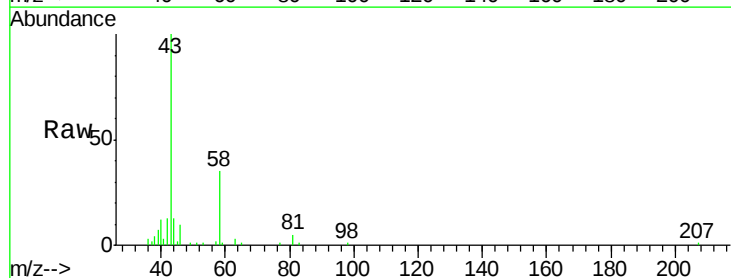
Tot Ion:101 Resp: 56750
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2

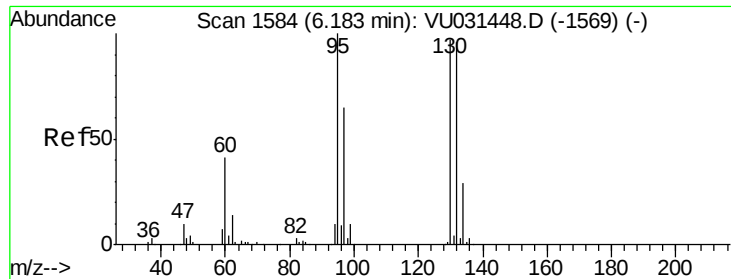


#13

Acetone
 Concen: 9.768 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VU031455.D
 Acq: 23 Apr 2019 22:36

Tgt Ion: 43 Resp: 33836
 Ion Ratio Lower Upper
 43 100
 58 32.7 0.0 66.4



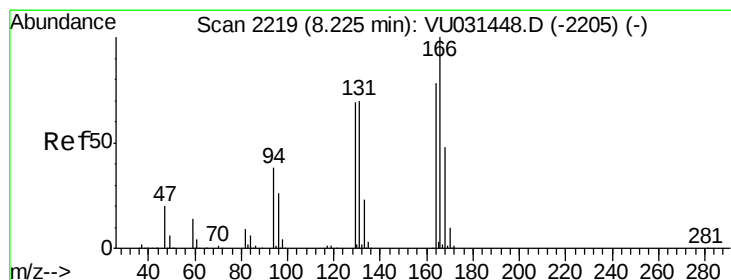
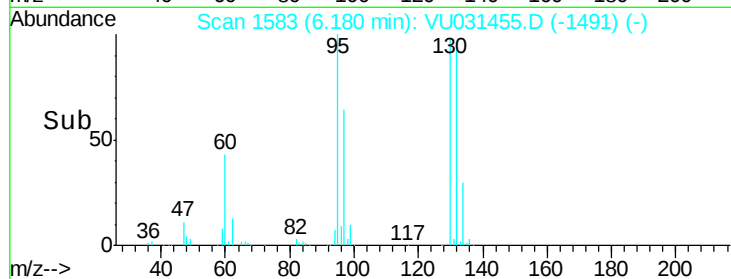
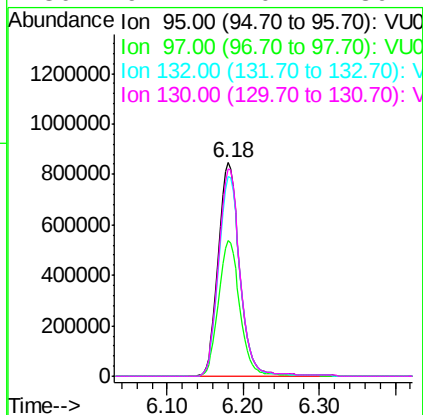
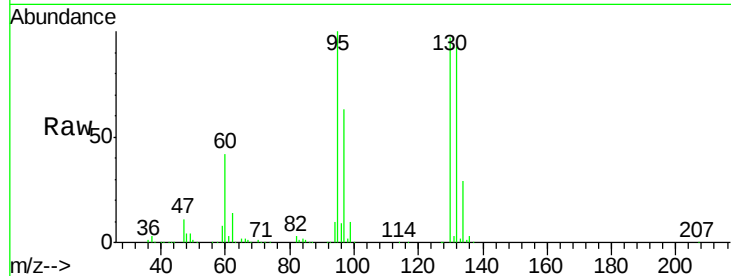


#34
 Trichloroethene
 Concen: 324.173 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
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Tot Ion: 95 Resp: 1666066

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.9	83.5
132	93.3	68.0	126.2
130	97.1	70.1	130.1



#46
 Tetrachloroethene
 Concen: 13.019 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031455.D
 Acq: 23 Apr 2019 22:36

Tgt Ion: 164 Resp: 47456

Ion	Ratio	Lower	Upper
164	100		
129	96.1	65.2	121.0
131	93.2	61.4	114.0
166	126.1	89.2	165.6

