

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071519\
 Data File : VU033250.D
 Acq On : 15 Jul 2019 11:48
 Operator : JC/SP
 Sample : K3785-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XL6

Quant Time: Jul 16 02:29:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	301579	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	301687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	121084	53.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.08%
7) Chloroethane-d5	1.67	69	105906	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.26	63	159408	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
21) 2-Butanone-d5	4.15	46	159868	110.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.52%
24) Chloroform-d	4.62	84	197804	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.29	65	132863	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
32) Benzene-d6	5.32	84	409937	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
36) 1,2-Dichloropropane-d6	6.31	67	130782	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.32%
41) Toluene-d8	7.55	98	362029	51.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.74%
43) trans-1,3-Dichloropropene-	7.83	79	60227	51.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.62%
47) 2-Hexanone-d5	8.29	63	117270	109.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	190603	53.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	133723	57.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.14%

Target Compounds

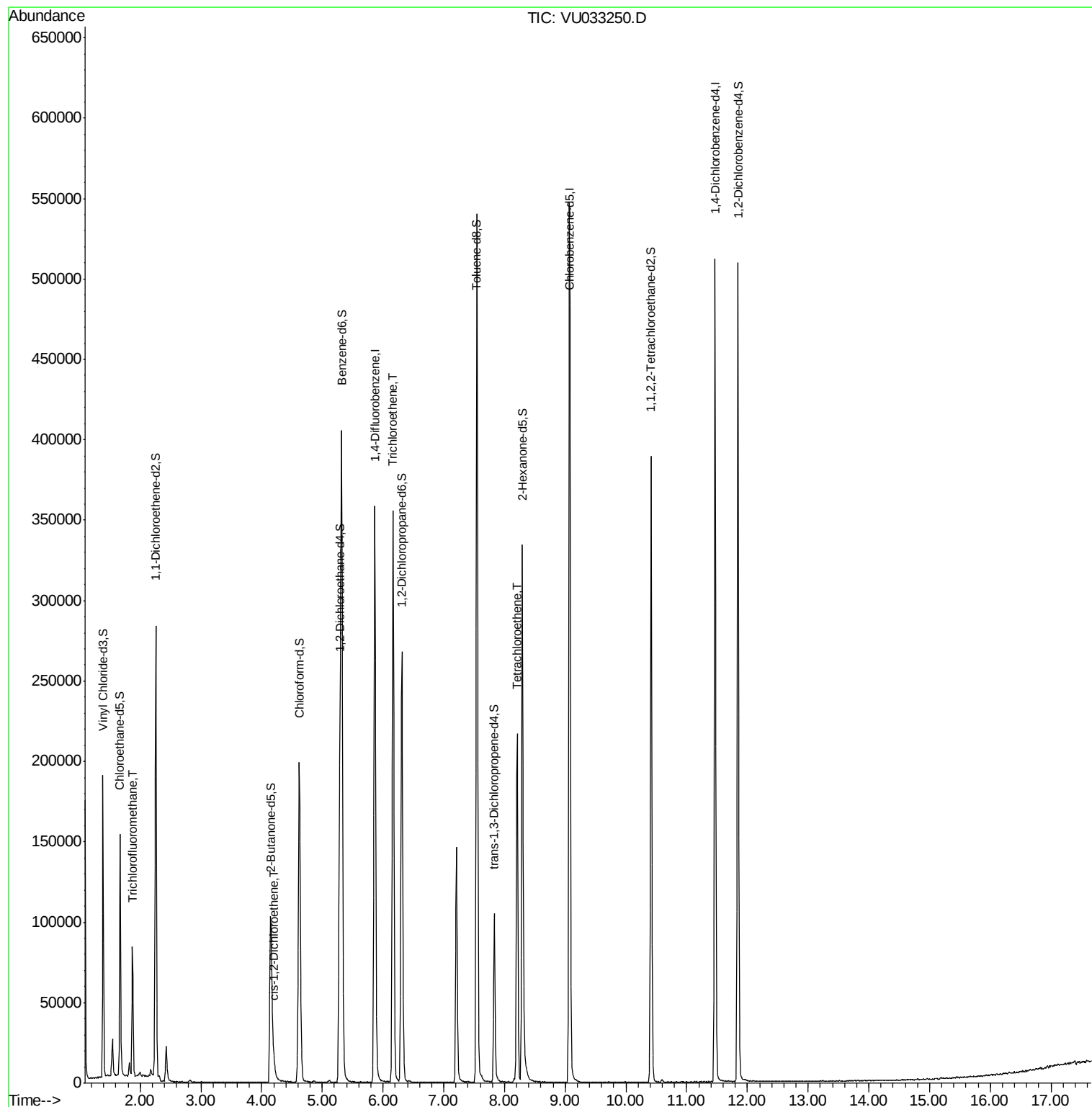
					Ovalue
9) Trichlorofluoromethane	1.87	101	45601	10.190 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	4059	1.730 ug/L	88
34) Trichloroethene	6.16	95	122210	53.114 ug/L	97
46) Tetrachloroethene	8.21	164	47172	26.483 ug/L	98

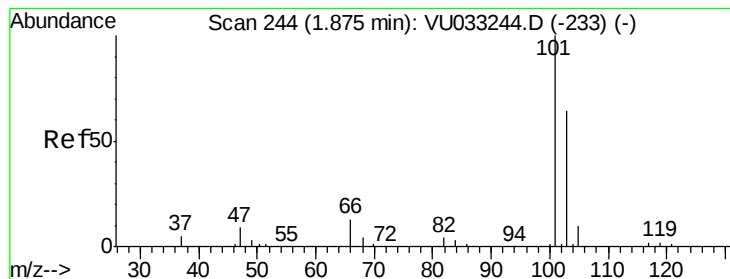
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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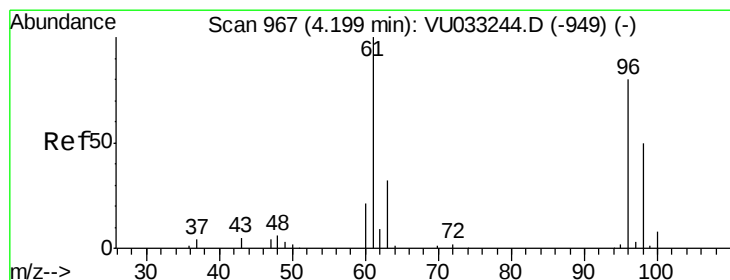
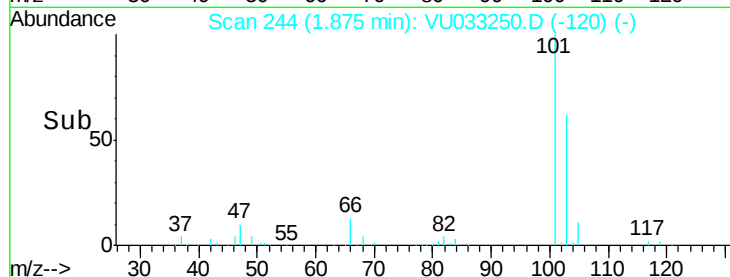
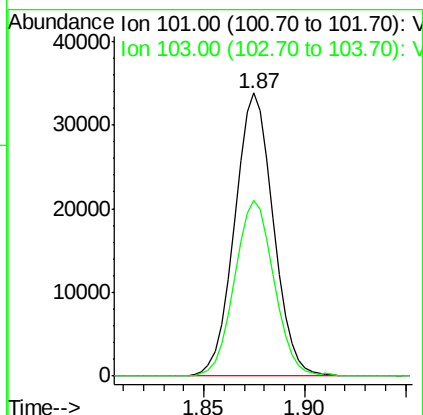
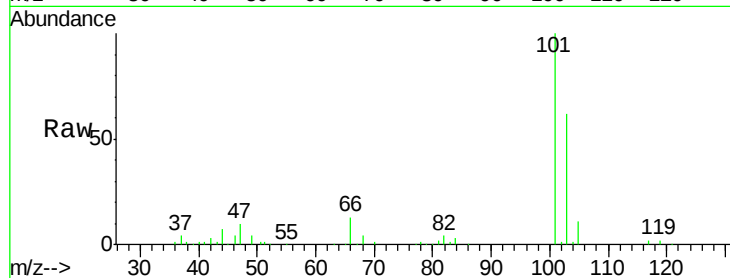


#9

Trichlorofluoromethane
 Concen: 10.190 ug/L
 RT: 1.87 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VU033250.D
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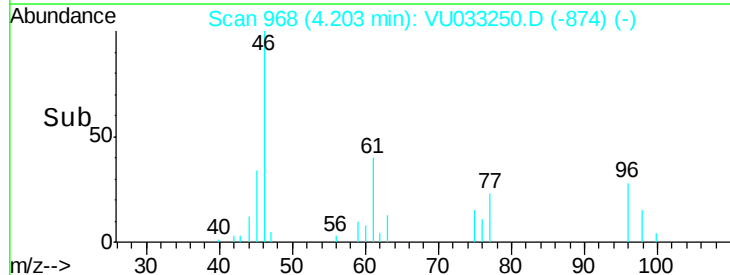
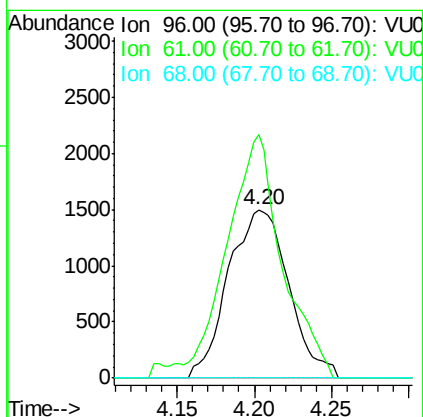
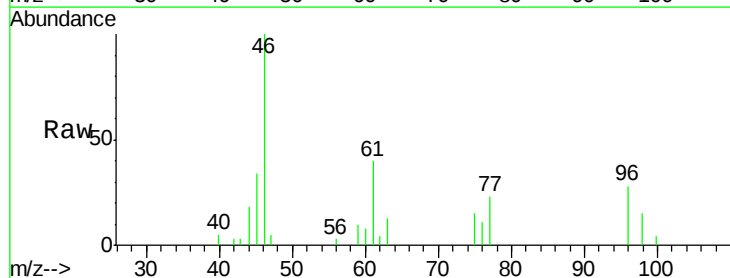
Tot Ion:101 Resp: 45601
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.2 78.4

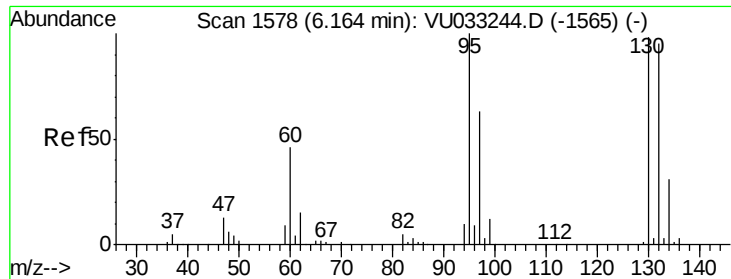


#20

cis-1,2-Dichloroethene
 Concen: 1.730 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033250.D
 Acq: 15 Jul 2019 11:48

Tgt Ion: 96 Resp: 4059
 Ion Ratio Lower Upper
 96 100
 61 144.3 91.1 169.1
 68 0.0 0.0 0.0

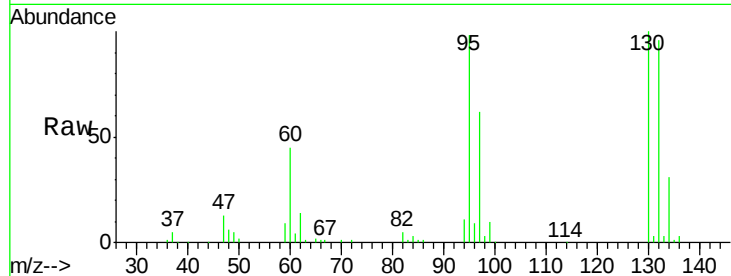




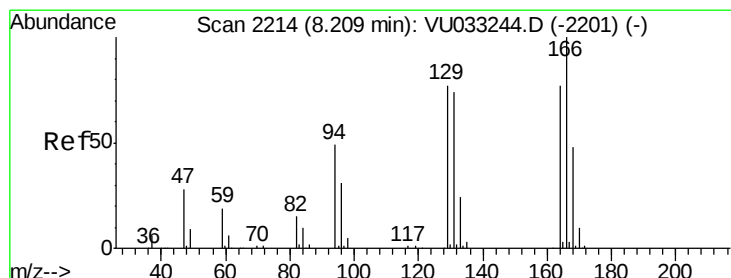
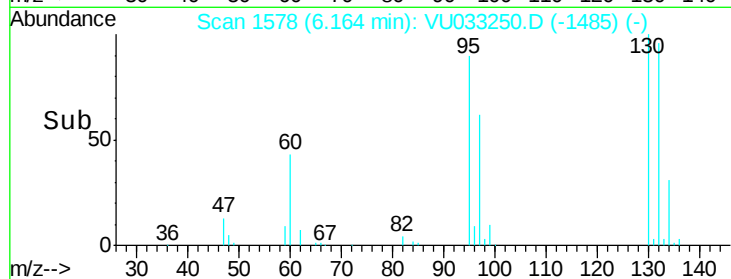
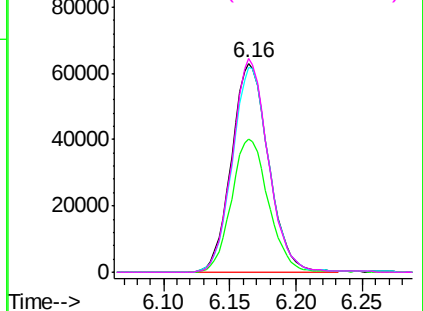
#34
 Trichloroethene
 Concen: 53.114 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033250.D
 Acq: 15 Jul 2019 11:48

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Tot Ion: 95 Resp: 122210
 Ion Ratio Lower Upper
 95 100
 97 63.9 43.8 81.4
 132 98.1 65.5 121.6
 130 102.3 69.7 129.5

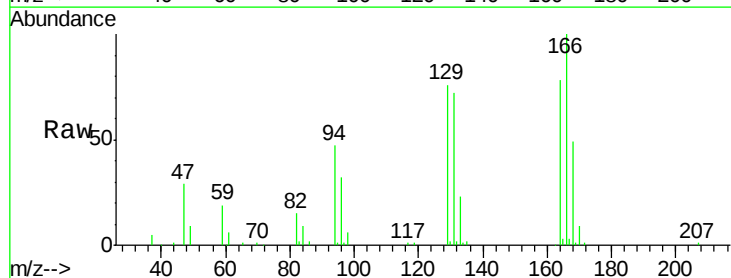


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 26.483 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU033250.D
 Acq: 15 Jul 2019 11:48

Tgt Ion: 164 Resp: 47172
 Ion Ratio Lower Upper
 164 100
 129 96.7 69.6 129.2
 131 92.3 65.7 122.1
 166 127.5 88.5 164.4



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

