

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081219\
 Data File : VU033768.D
 Acq On : 12 Aug 2019 13:52
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 16:30:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 16:26:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	383844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	381570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151564	53.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.28%
7) Chloroethane-d5	1.67	69	125116	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.36%
11) 1,1-Dichloroethene-d2	2.26	63	195464	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
21) 2-Butanone-d5	4.15	46	171360	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.62	84	232896	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
26) 1,2-Dichloroethane-d4	5.29	65	151274	57.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.26%
32) Benzene-d6	5.32	84	474431	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.36%
36) 1,2-Dichloropropane-d6	6.31	67	153560	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.14%
41) Toluene-d8	7.55	98	413235	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.83	79	61738	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.30	63	116037	81.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.07%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	209097	51.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	154547	55.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

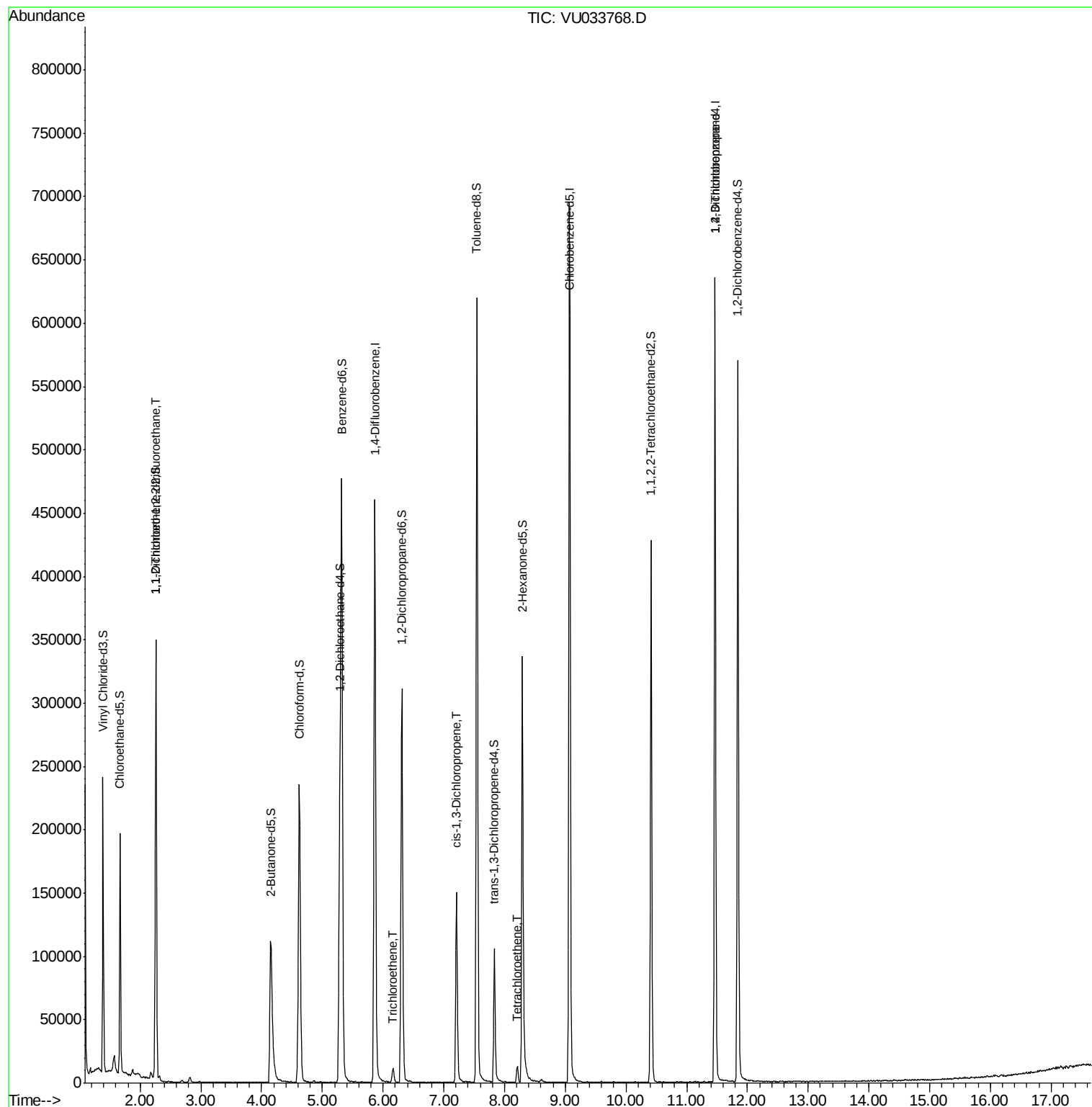
				Ovalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1906	0.829 ug/L #	18
34) Trichloroethene	6.17	95	2568	0.917 ug/L #	81
39) cis-1,3-Dichloropropene	7.21	75	3925	0.872 ug/L #	81
46) Tetrachloroethene	8.21	164	3236	1.401 ug/L	91
59) 1,2,3-Trichloropropane	11.47	75	19190	5.009 ug/L #	87

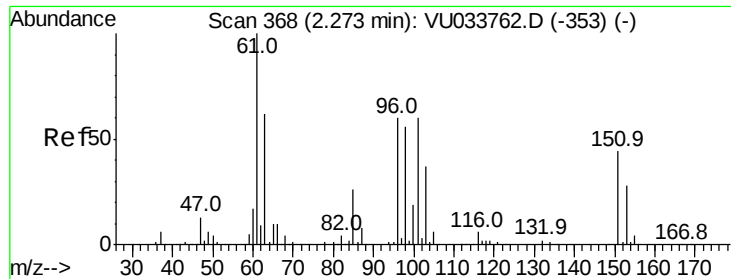
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 12 16:26:52 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.829 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033768.D

Acq: 12 Aug 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

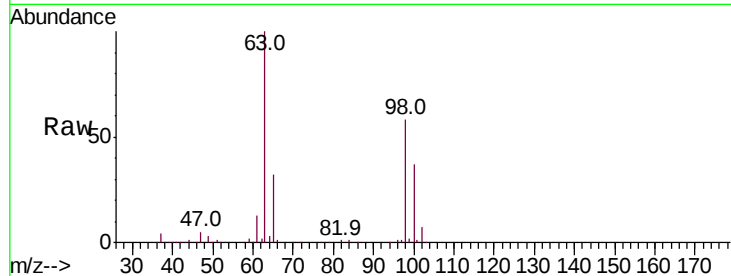
Tot Ion:101 Resp: 1906

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

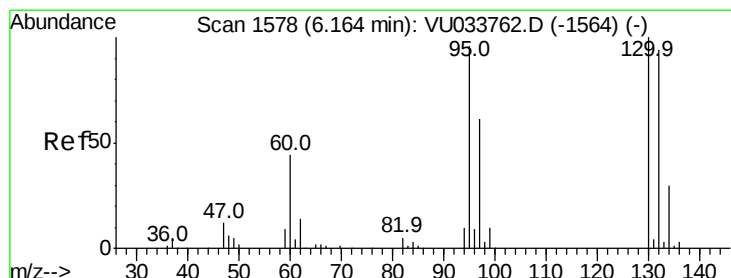
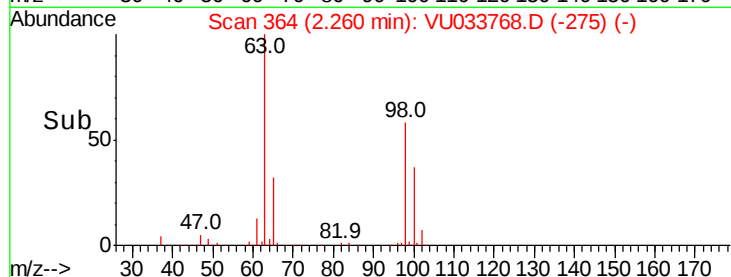
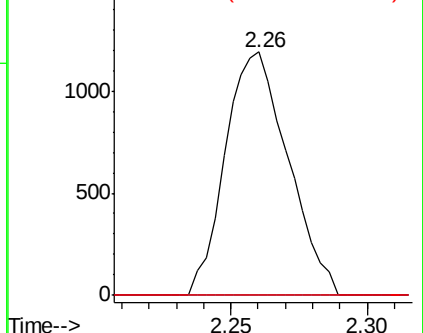
151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 0.917 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VU033768.D

Acq: 12 Aug 2019 13:52

Tgt Ion: 95 Resp: 2568

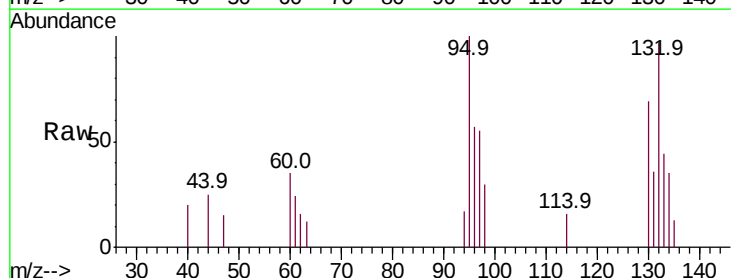
Ion Ratio Lower Upper

95 100

97 55.5 45.6 84.8

132 96.9 72.0 133.8

130 68.8 74.3 138.1#

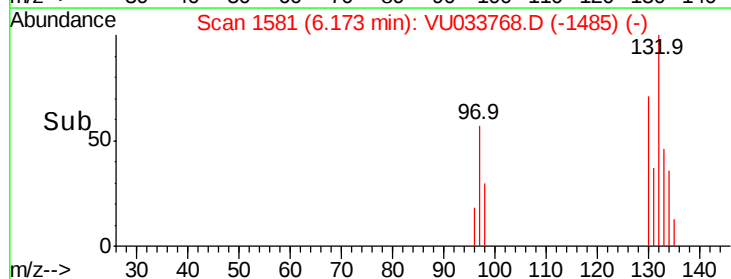
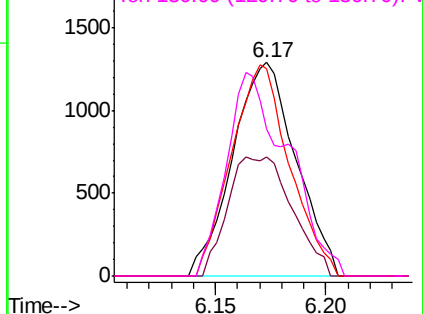


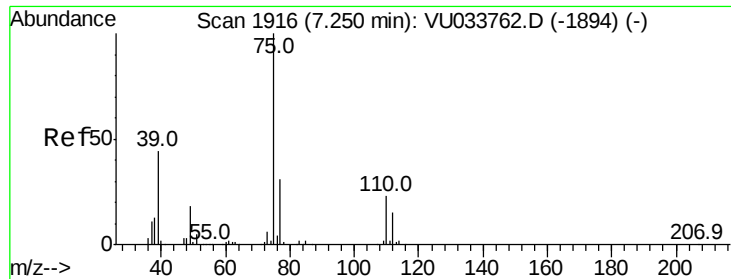
Abundance Ion 95.00 (94.70 to 95.70): VU0

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



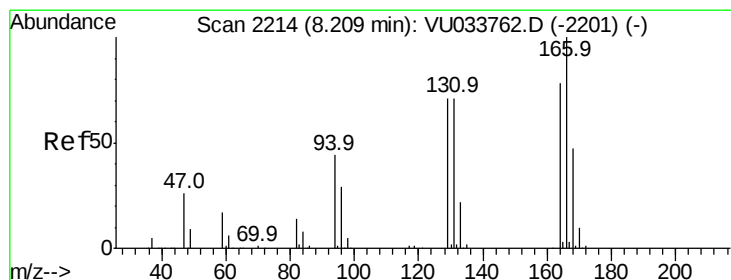
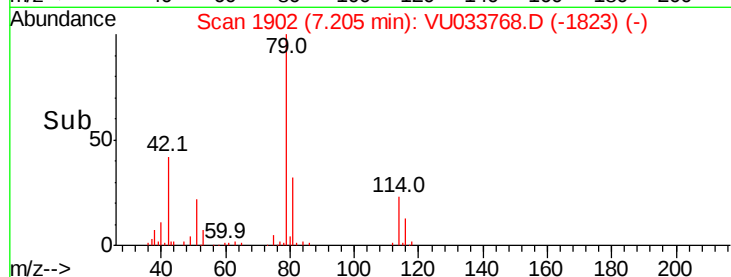
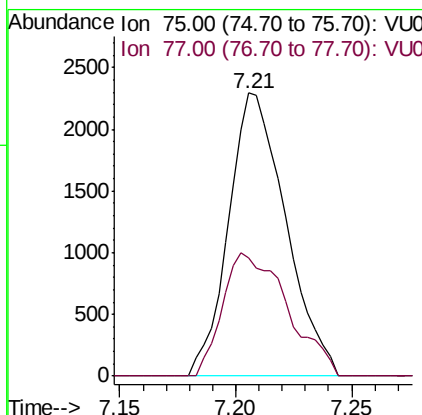
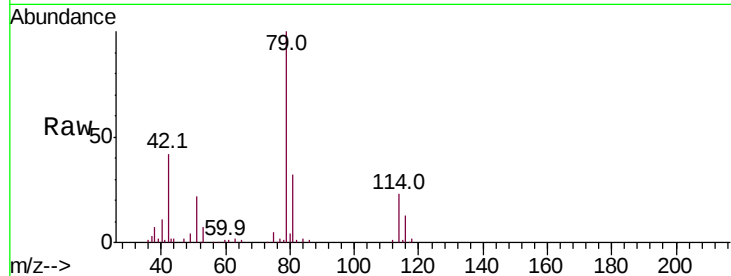


#39

cis-1,3-Dichloropropene
 Concen: 0.872 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033768.D
 Acq: 12 Aug 2019 13:52

Instrument :
 MSVOA_U
 ClientSampled :

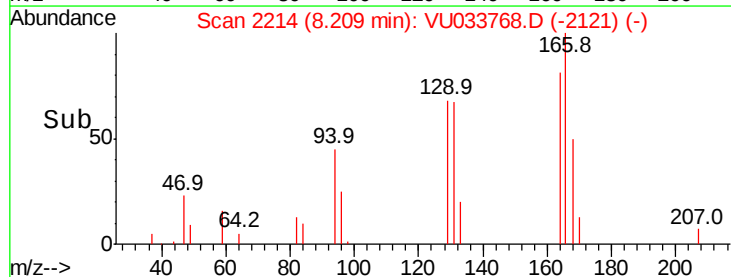
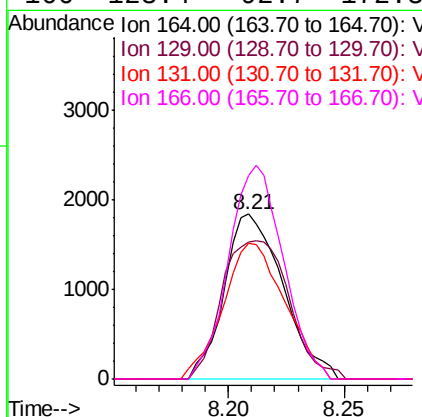
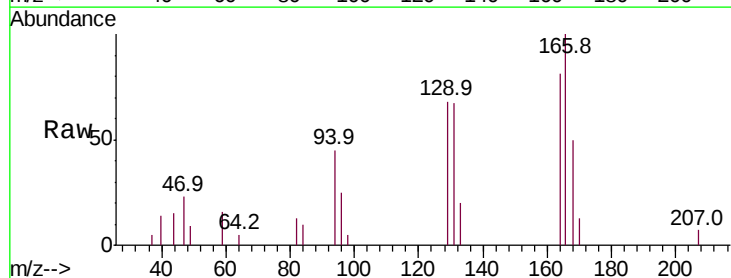
Tot Ion: 75 Resp: 3925
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.7 40.3#

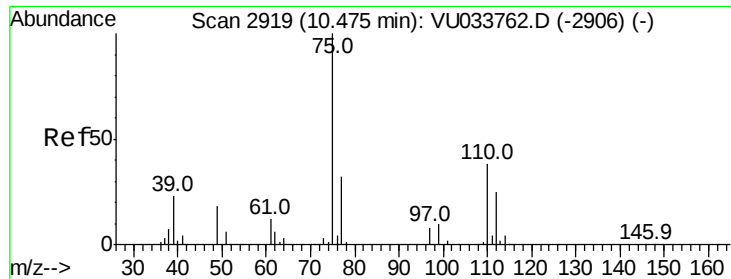


#46

Tetrachloroethene
 Concen: 1.401 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VU033768.D
 Acq: 12 Aug 2019 13:52

Tgt Ion: 164 Resp: 3236
 Ion Ratio Lower Upper
 164 100
 129 83.5 65.5 121.7
 131 82.1 63.6 118.0
 166 123.4 92.7 172.3





#59

1,2,3-Trichloropropane

Concen: 5.009 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033768.D

Acq: 12 Aug 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 19190

Ion Ratio Lower Upper

75 100

77 40.6 26.4 39.6#

