

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036619.D
 Acq On : 30 Jan 2020 15:13
 Operator : JC/MD
 Sample : L1322-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XR7

Quant Time: Jan 30 15:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	307908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91194	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.08%
7) Chloroethane-d5	1.93	69	83347	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.59	63	120487	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.68	46	139719	102.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.07%
24) Chloroform-d	5.11	84	157025	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.75	65	105525	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
32) Benzene-d6	5.77	84	367314	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.73	67	118278	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.93	98	350222	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	8.21	79	55431	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.67	63	127656	110.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	170512	46.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	130620	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%

Target Compounds

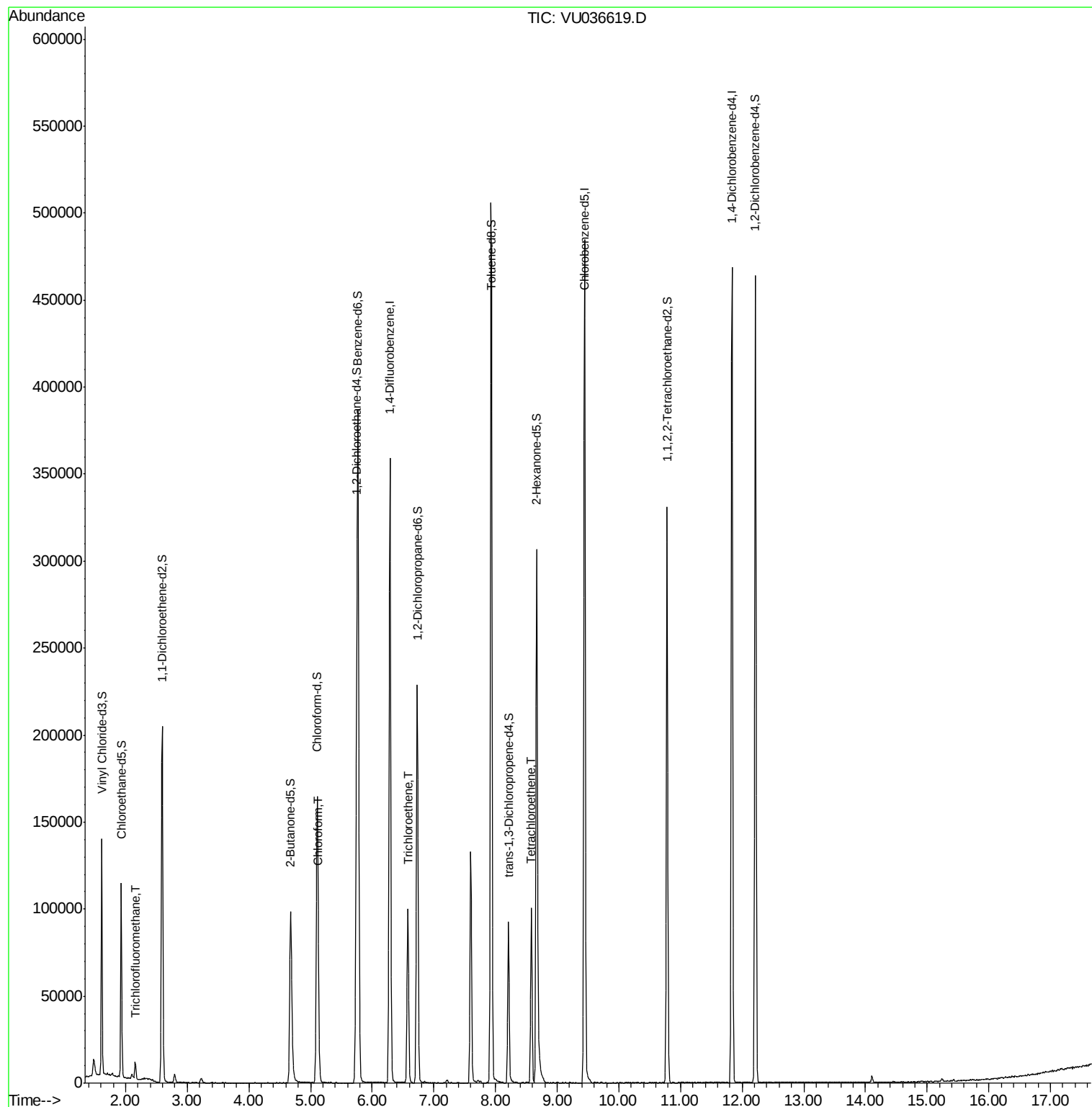
					Ovalue
9) Trichlorofluoromethane	2.16	101	6297	2.011 ug/L	98
25) Chloroform	5.13	83	9942	2.645 ug/L	94
34) Trichloroethene	6.58	95	35334	16.092 ug/L	95
46) Tetrachloroethene	8.58	164	23780	13.331 ug/L	98

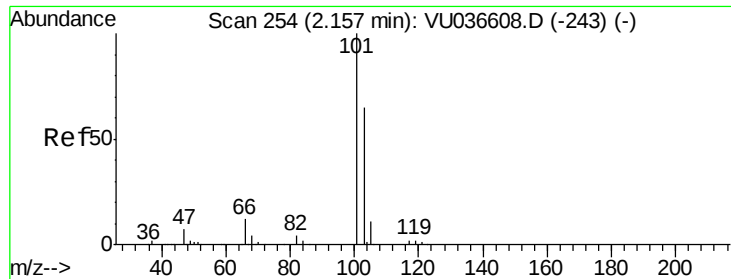
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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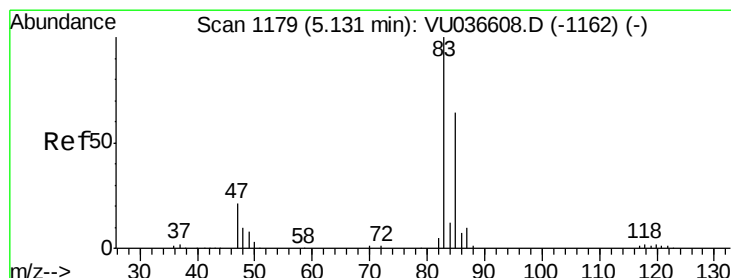
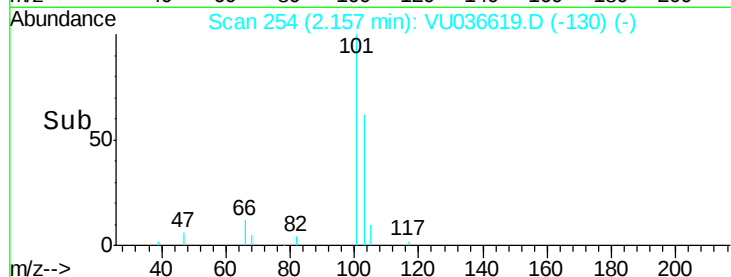
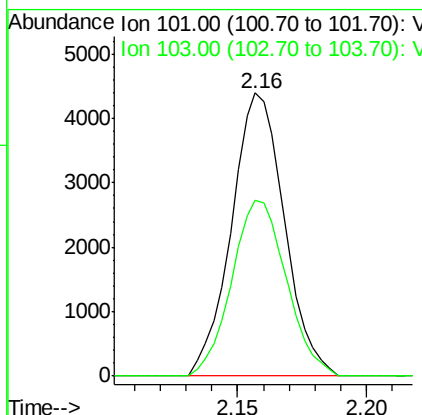
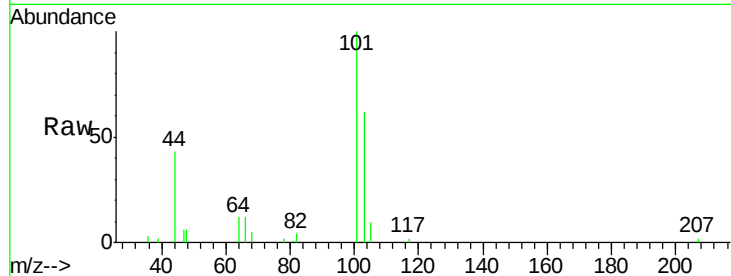


#9

Trichlorofluoromethane
 Concen: 2.011 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU036619.D
 Acq: 30 Jan 2020 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
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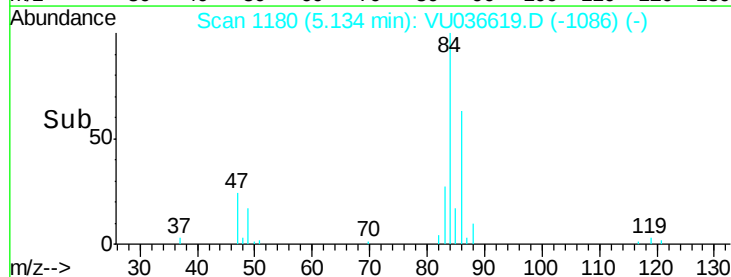
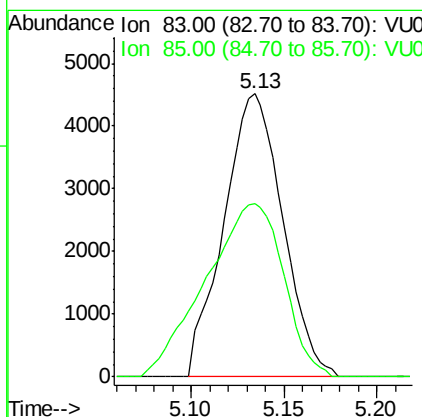
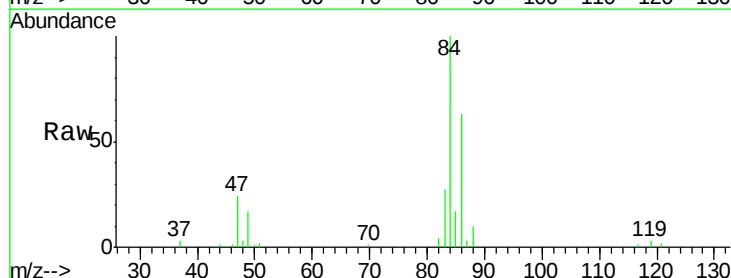
Tot Ion:101 Resp: 6297
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

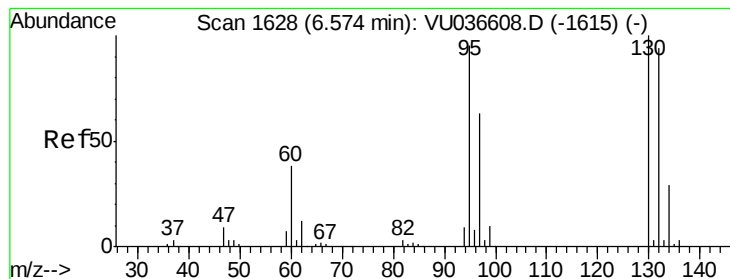


#25

Chloroform
 Concen: 2.645 ug/L
 RT: 5.13 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU036619.D
 Acq: 30 Jan 2020 15:13

Tgt Ion: 83 Resp: 9942
 Ion Ratio Lower Upper
 83 100
 85 61.3 46.3 85.9





#34

Trichloroethene

Concen: 16.092 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU036619.D

Acq: 30 Jan 2020 15:13

Instrument :

MSVOA_U

ClientSampleId :

C0XR7

Tot Ion: 95 Resp: 35334

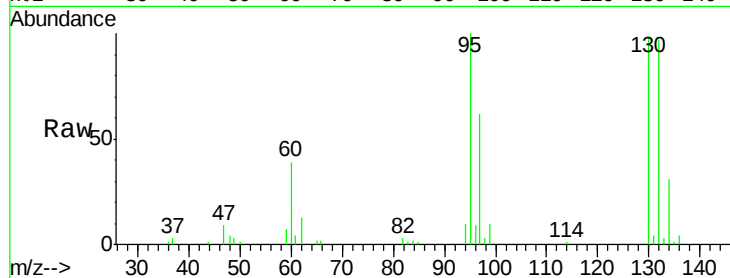
Ion Ratio Lower Upper

95 100

97 61.7 45.5 84.5

132 97.5 70.9 131.7

130 98.1 72.9 135.3



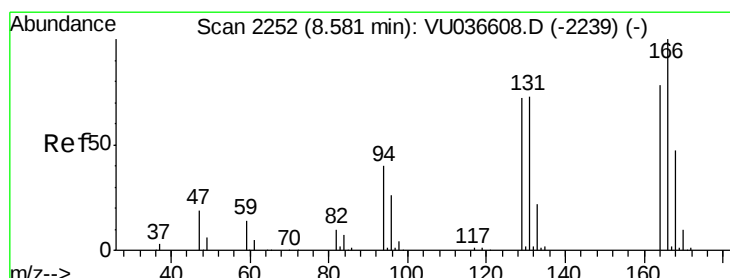
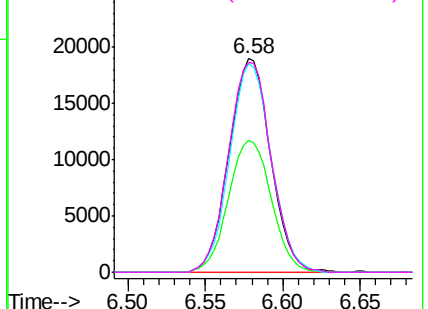
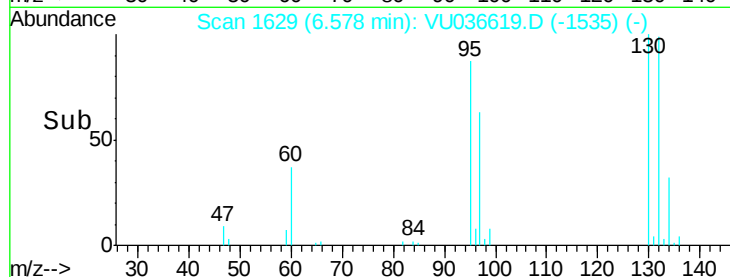
Abundance

Ion 95.00 (94.70 to 95.70): VU036619.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036619.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036619.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036619.D (-1535) (-)



#46

Tetrachloroethene

Concen: 13.331 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036619.D

Acq: 30 Jan 2020 15:13

Tgt Ion: 164 Resp: 23780

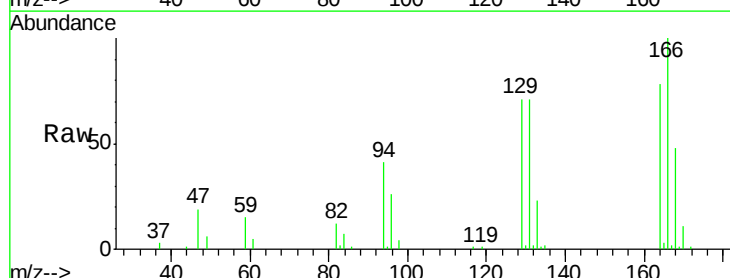
Ion Ratio Lower Upper

164 100

129 91.5 64.2 119.2

131 91.8 61.8 114.8

166 128.6 88.8 165.0



Abundance

Ion 164.00 (163.70 to 164.70): VU036619.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036619.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036619.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036619.D (-2159) (-)

