

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036977.D
 Acq On : 28 Feb 2020 17:01
 Operator : JC/MD
 Sample : L1730-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW3

Quant Time: Feb 29 03:29:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 29 00:30:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82927	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	76921	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.02%
11) 1,1-Dichloroethene-d2	2.59	63	109954	31.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.88%
21) 2-Butanone-d5	4.67	46	147613	105.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	5.11	84	148984	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.74	65	102549	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.76	84	326576	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.72	67	107648	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.92	98	295881	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	8.20	79	45582	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.66	63	106854	98.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151389	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	88938	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

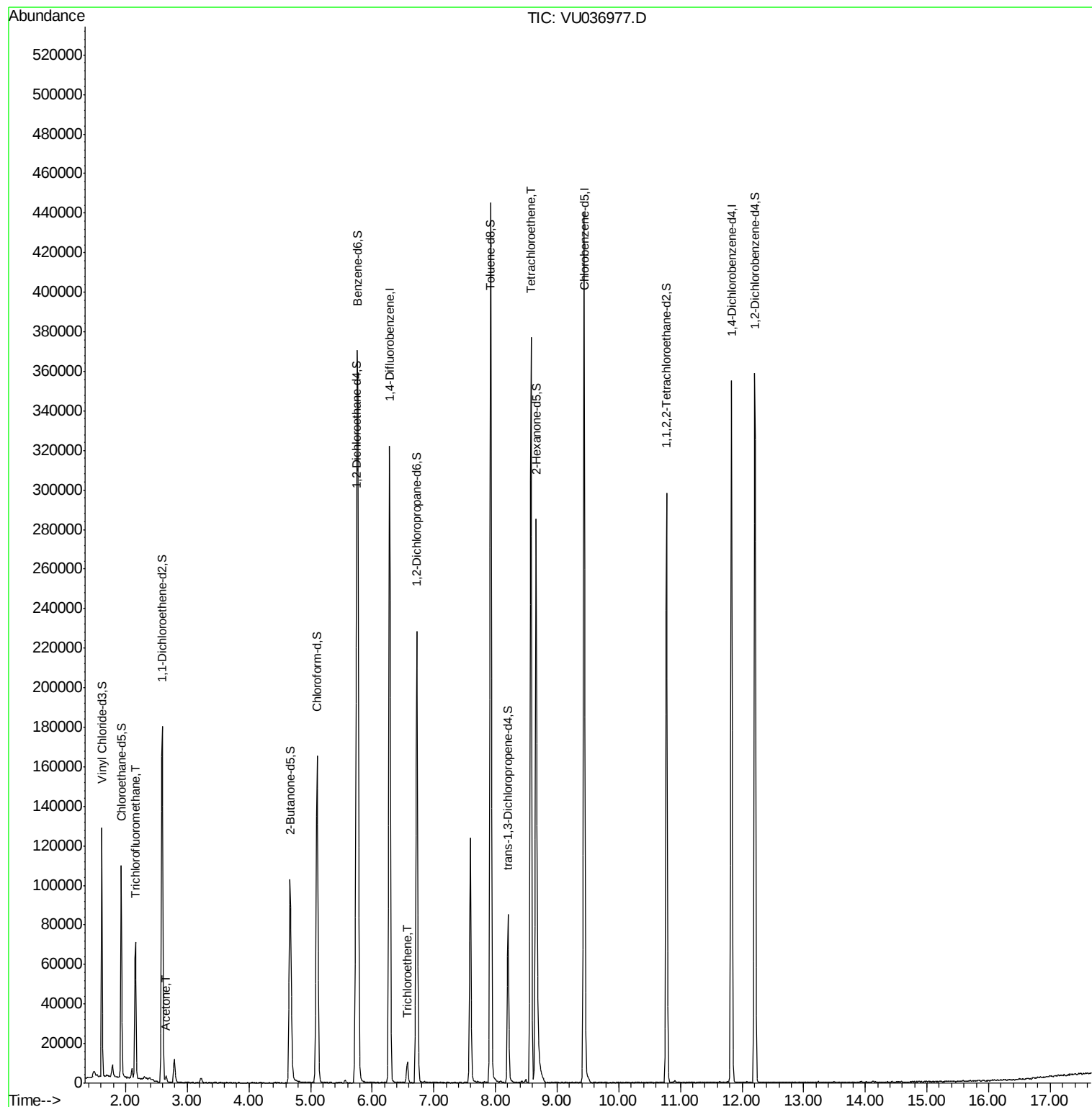
					Ovalue
9) Trichlorofluoromethane	2.16	101	42375	15.960 ug/L	99
13) Acetone	2.66	43	3496	2.426 ug/L	95
34) Trichloroethene	6.57	95	2874	1.562 ug/L	96
46) Tetrachloroethene	8.57	164	76260	62.904 ug/L	97

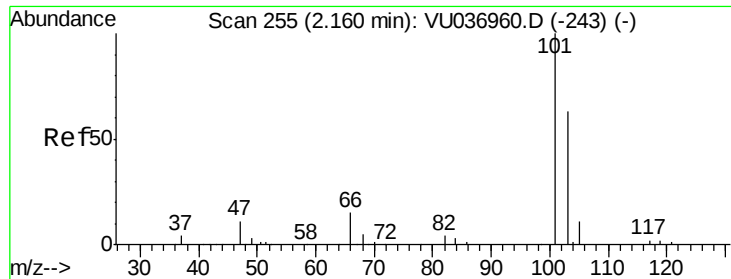
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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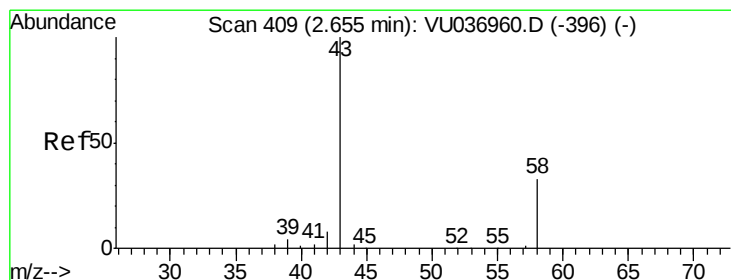
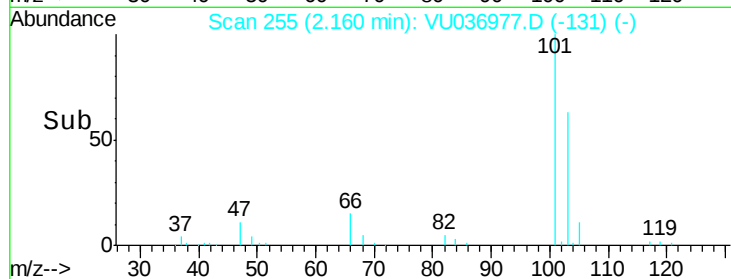
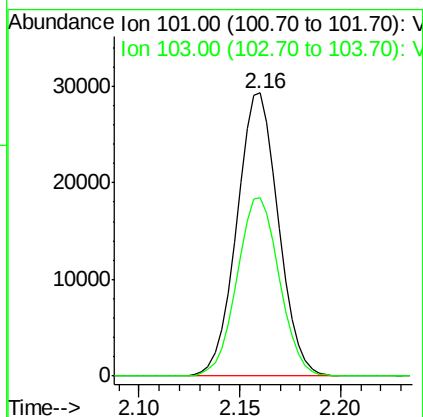
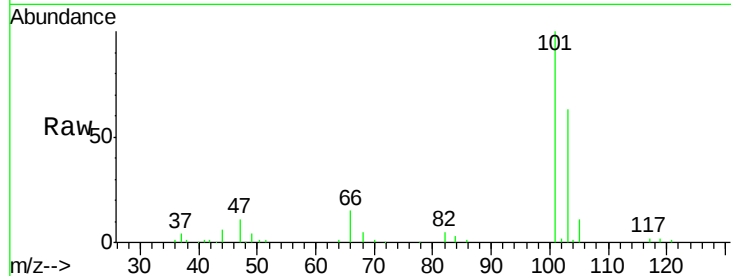


#9

Trichlorofluoromethane
 Concen: 15.960 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036977.D
 Acq: 28 Feb 2020 17:01

Instrument :
 MSVOA_U
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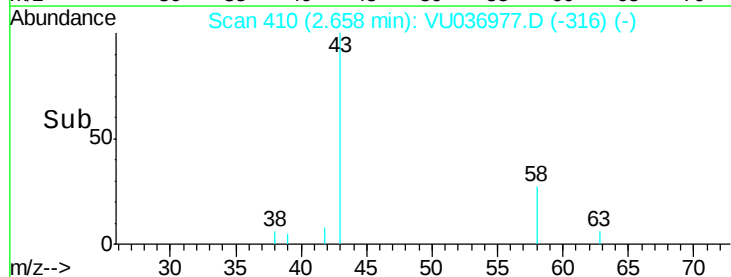
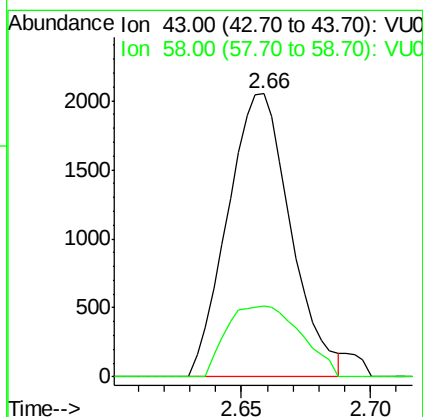
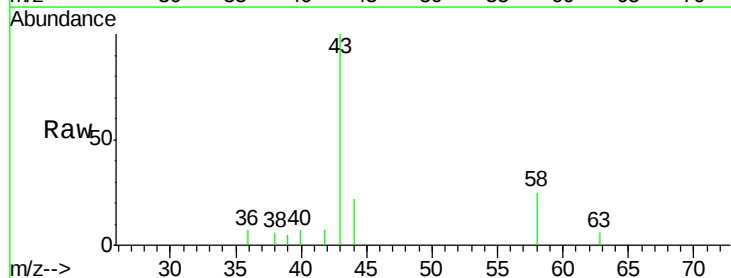
Tot Ion:101 Resp: 42375
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.9 76.3

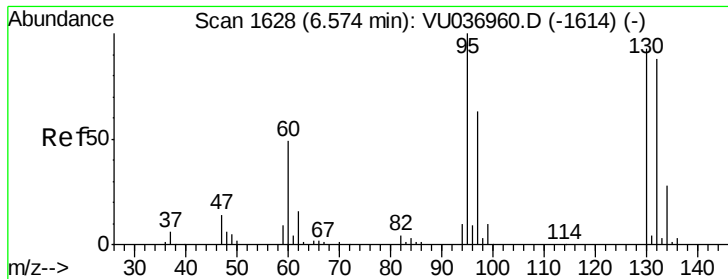


#13

Acetone
 Concen: 2.426 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU036977.D
 Acq: 28 Feb 2020 17:01

Tgt Ion: 43 Resp: 3496
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 64.6





#34

Trichloroethene

Concen: 1.562 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036977.D

Acq: 28 Feb 2020 17:01

Instrument :

MSVOA_U

ClientSampleId :

C0XW3

Tot Ion: 95 Resp: 2874

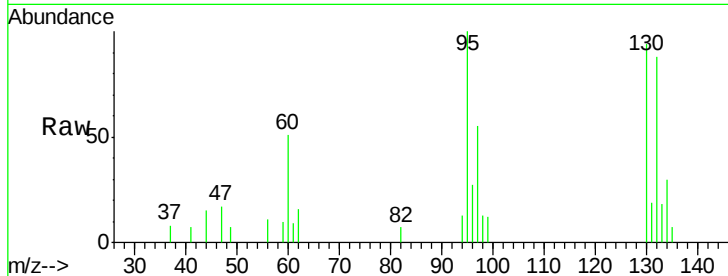
Ion Ratio Lower Upper

95 100

97 55.0 44.1 81.9

132 88.3 60.6 112.6

130 94.4 64.9 120.5

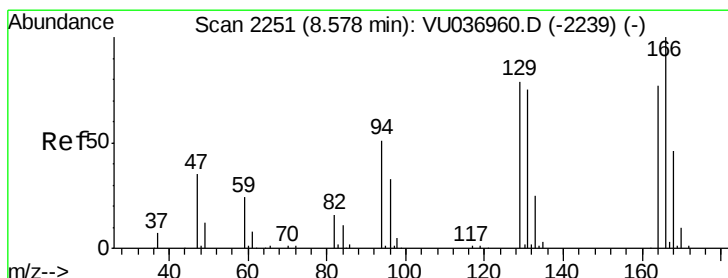
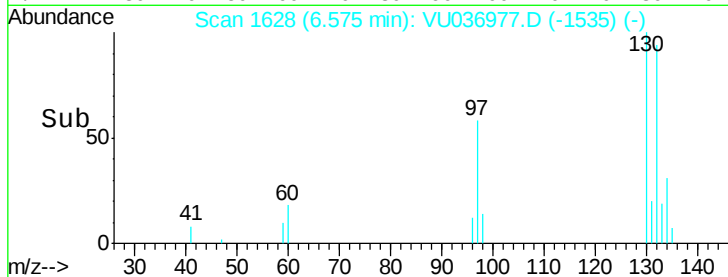
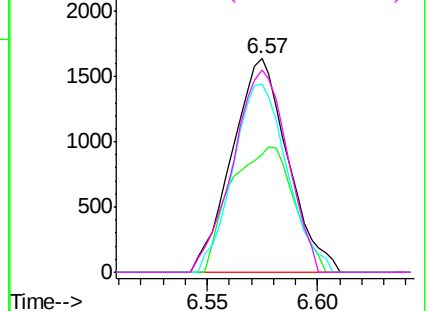


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 62.904 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036977.D

Acq: 28 Feb 2020 17:01

Tgt Ion: 164 Resp: 76260

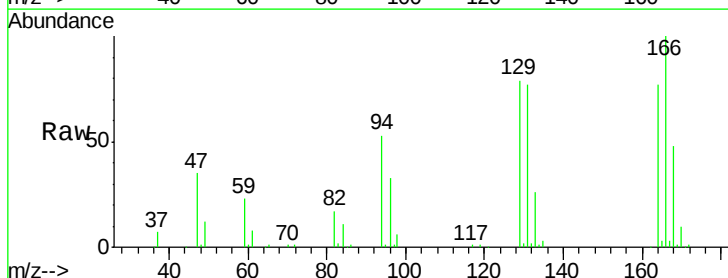
Ion Ratio Lower Upper

164 100

129 102.8 72.0 133.8

131 100.2 67.9 126.1

166 129.3 87.1 161.7



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

