

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036952.D
 Acq On : 27 Feb 2020 18:50
 Operator : JC/MD
 Sample : L1686-01ME
 Misc : 7.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW00ME

Quant Time: Feb 28 00:03:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70500	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.60%
7) Chloroethane-d5	1.89	69	26345	14.81	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.62%#
11) 1,1-Dichloroethene-d2	2.56	63	100439	27.90	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.80%#
21) 2-Butanone-d5	4.68	46	138153	95.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	5.10	84	140551	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.74	65	102653	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.75	84	314387	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
36) 1,2-Dichloropropane-d6	6.72	67	106470	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.06%
41) Toluene-d8	7.92	98	284566	42.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.92%
43) trans-1,3-Dichloropropene-	8.20	79	45269	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.22%
47) 2-Hexanone-d5	8.67	63	118891	105.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	166061	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	96284	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%

Target Compounds

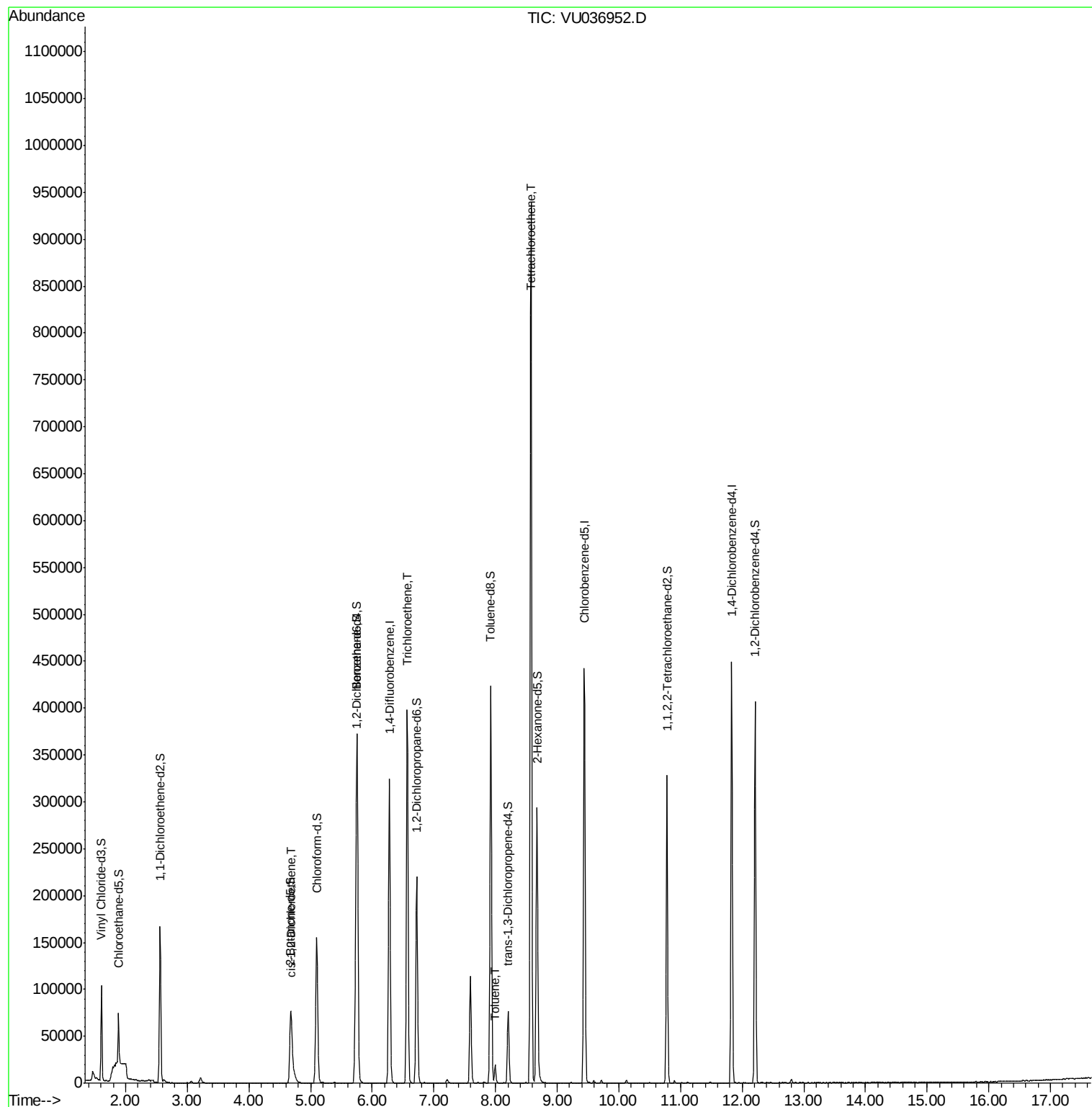
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	1815	0.914 ug/L	99
34) Trichloroethene	6.57	95	134852	70.344 ug/L	98
42) Toluene	7.99	91	13783	1.659 ug/L	100
46) Tetrachloroethene	8.57	164	189921	150.386 ug/L	98

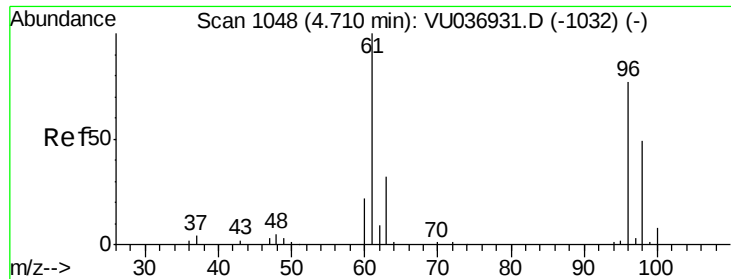
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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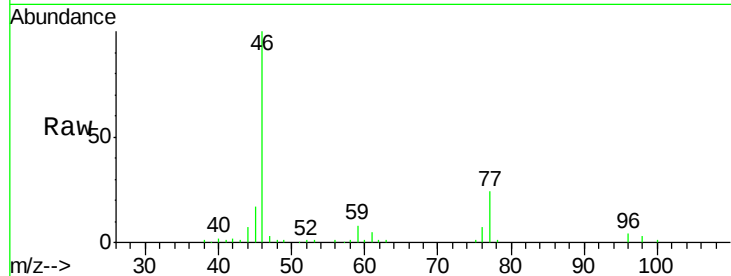




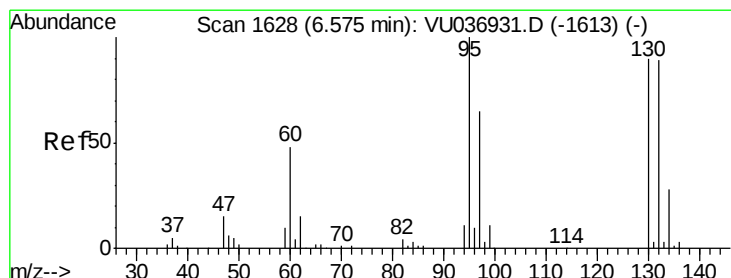
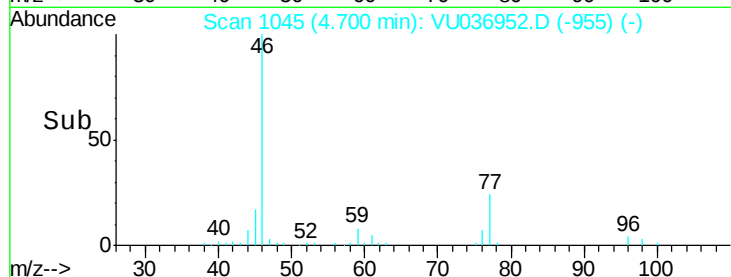
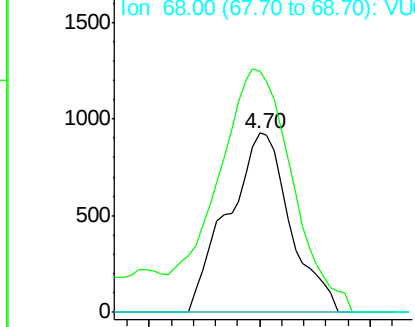
#20
 cis-1,2-Dichloroethene
 Concen: 0.914 ug/L
 RT: 4.70 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: VU036952.D
 Acq: 27 Feb 2020 18:50

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW00ME

Tot Ion: 96 Resp: 1815
 Ion Ratio Lower Upper
 96 100
 61 134.7 93.1 172.9
 68 0.0 0.0 0.0

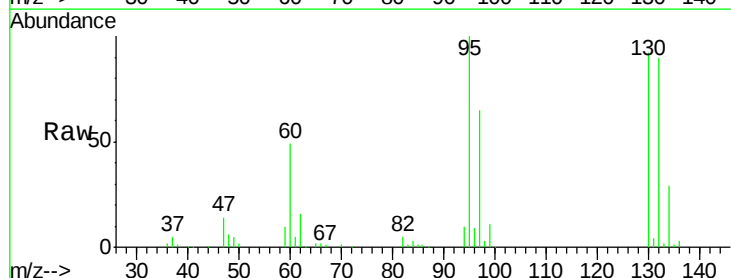


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

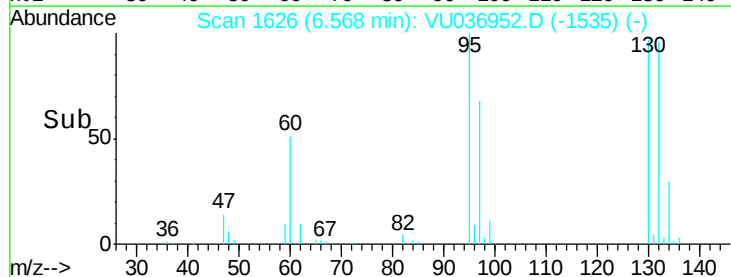
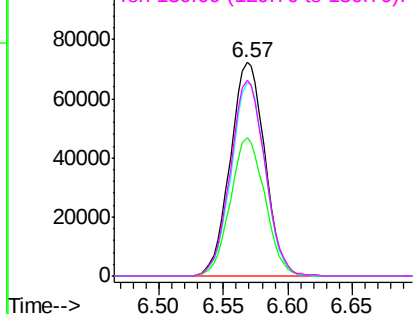


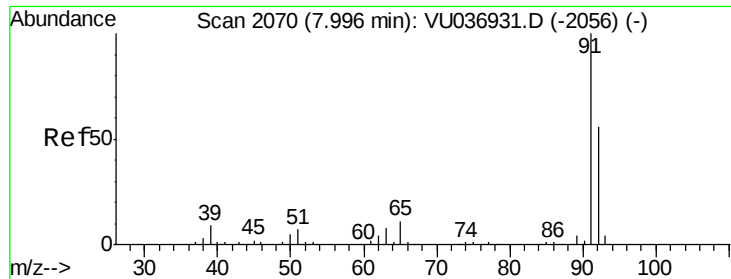
#34
 Trichloroethene
 Concen: 70.344 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: VU036952.D
 Acq: 27 Feb 2020 18:50

Tgt Ion: 95 Resp: 134852
 Ion Ratio Lower Upper
 95 100
 97 64.5 44.1 81.9
 132 90.4 60.6 112.6
 130 91.9 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





#42

Toluene

Concen: 1.659 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU036952.D

Acq: 27 Feb 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

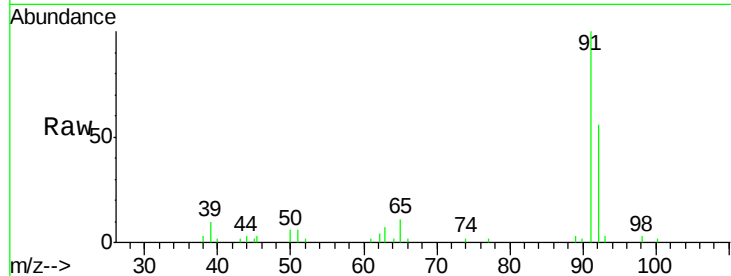
GAW00ME

Tot Ion: 91 Resp: 13783

Ion Ratio Lower Upper

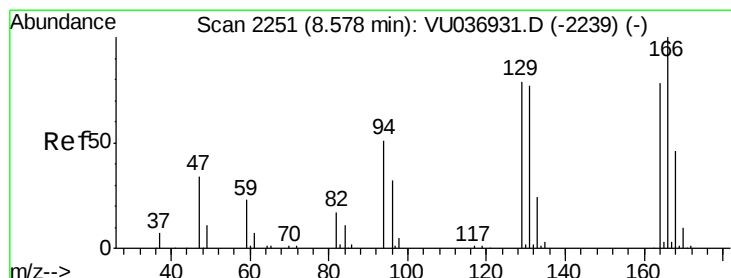
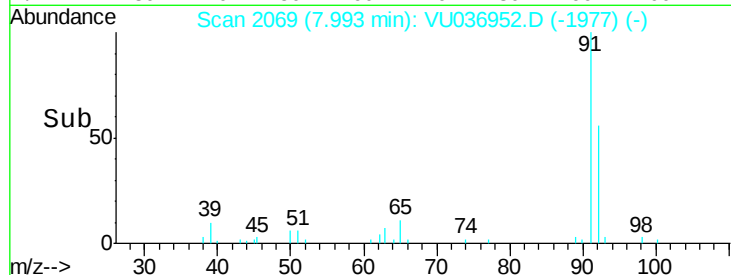
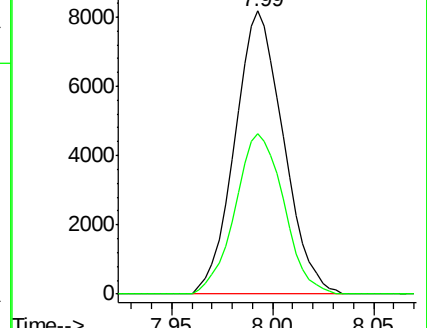
91 100

92 56.5 39.4 73.2



Abundance Ion 91.00 (90.70 to 91.70): VU036931.D (-2056) (-)

Ion 92.00 (91.70 to 92.70): VU036931.D (-2056) (-)



#46

Tetrachloroethene

Concen: 150.386 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036952.D

Acq: 27 Feb 2020 18:50

Tgt Ion: 164 Resp: 189921

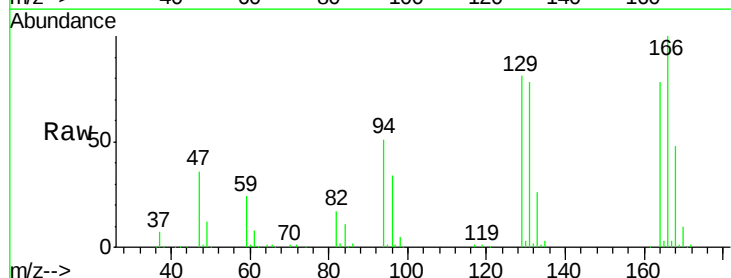
Ion Ratio Lower Upper

164 100

129 103.3 72.0 133.8

131 99.6 67.9 126.1

166 127.6 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): VU036931.D (-2239) (-)

Ion 129.00 (128.70 to 129.70): VU036931.D (-2239) (-)

Ion 131.00 (130.70 to 131.70): VU036931.D (-2239) (-)

Ion 166.00 (165.70 to 166.70): VU036931.D (-2239) (-)

