

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037969.D
 Acq On : 30 Apr 2020 23:20
 Operator : JC/MD
 Sample : L2410-14DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	661659	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	659403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	320126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	235553	40.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.94%
7) Chloroethane-d5	1.89	69	190343	40.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.42%
11) 1,1-Dichloroethene-d2	2.58	63	297581	31.26	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.52%
21) 2-Butanone-d5	4.66	46	438157	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	5.10	84	398558	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	5.74	65	289136	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	5.76	84	863265	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.72	67	291708	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.92	98	784414	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	136461	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.66	63	310072	110.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.63%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	467103	50.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	308001	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%

Target Compounds

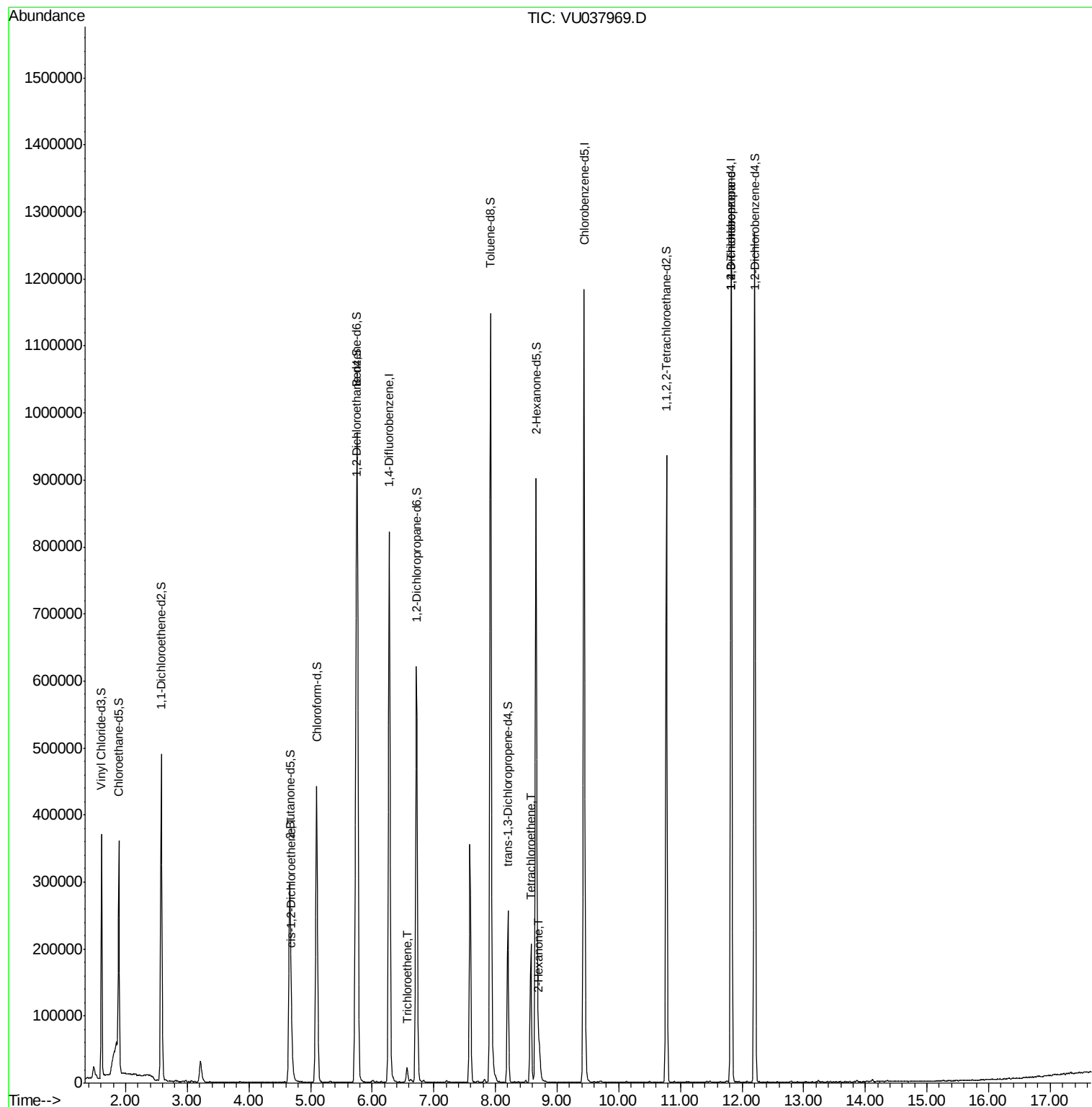
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	5056	0.977 ug/L	85
34) Trichloroethene	6.57	95	5758	1.152 ug/L	97
46) Tetrachloroethene	8.57	164	45269	12.404 ug/L	98
48) 2-Hexanone	8.71	43	35715	4.853 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	44690	5.848 ug/L	92

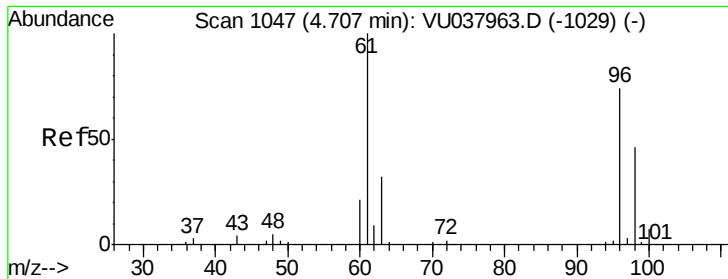
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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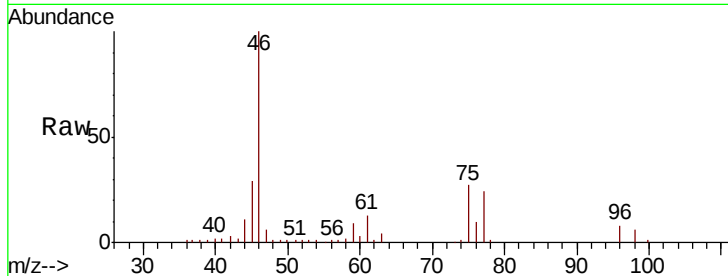




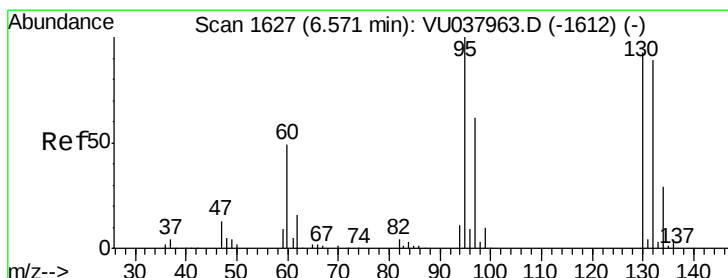
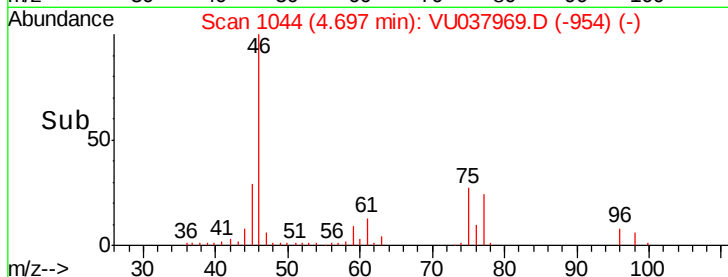
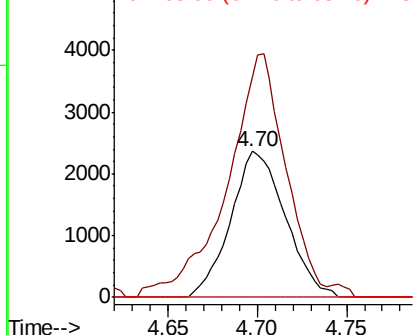
#20
 cis-1,2-Dichloroethene
 Concen: 0.977 ug/L
 RT: 4.70 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: VU037969.D
 Acq: 30 Apr 2020 23:20

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 5056
 Ion Ratio Lower Upper
 96 100
 61 151.6 93.9 174.3
 68 0.0 0.0 0.0

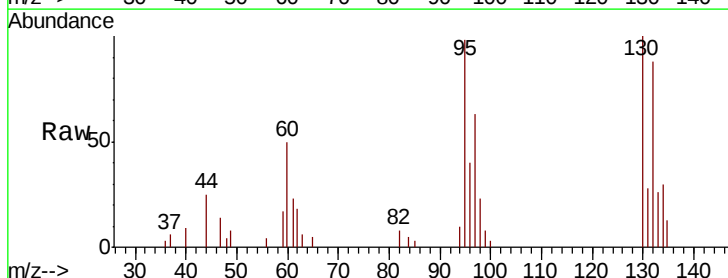


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

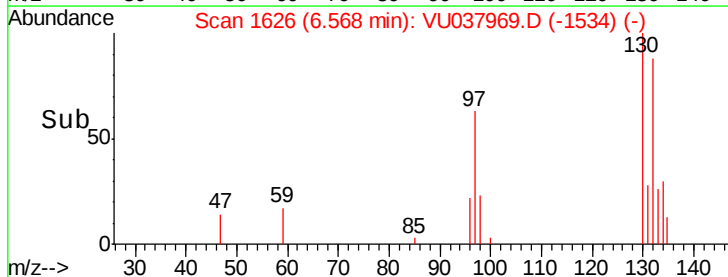
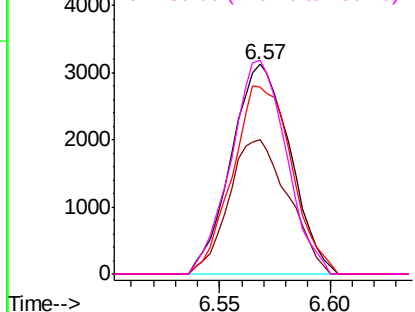


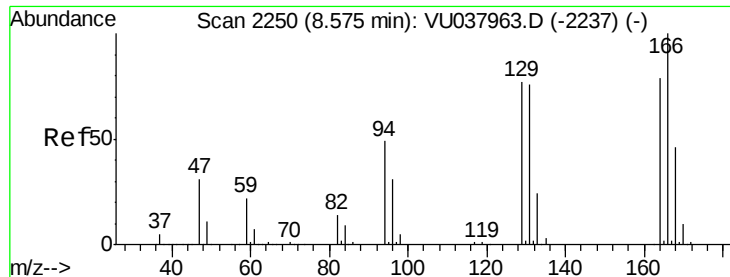
#34
 Trichloroethene
 Concen: 1.152 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU037969.D
 Acq: 30 Apr 2020 23:20

Tgt Ion: 95 Resp: 5758
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.9 83.5
 132 89.6 63.2 117.4
 130 102.0 65.9 122.3



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: 12.404 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037969.D

Acq: 30 Apr 2020 23:20

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:164 Resp: 45269

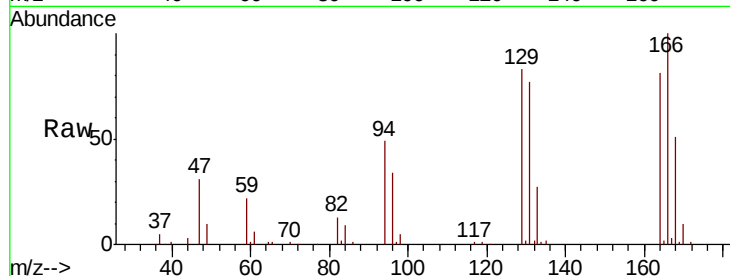
Ion Ratio Lower Upper

164 100

129 102.0 68.4 127.0

131 94.2 65.7 122.1

166 123.0 86.7 161.1

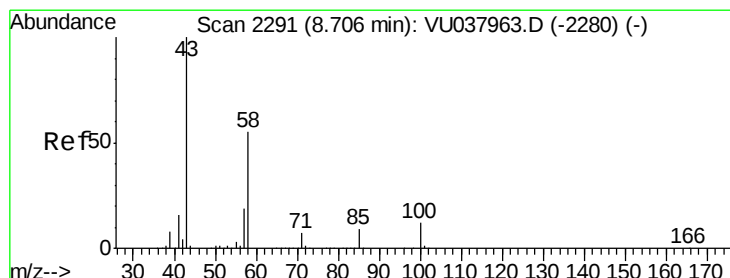
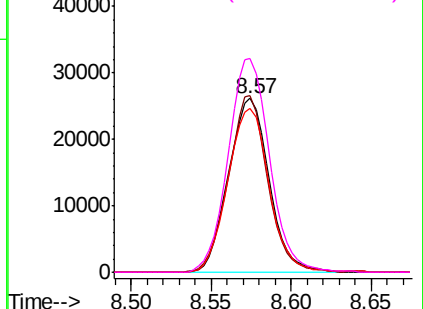
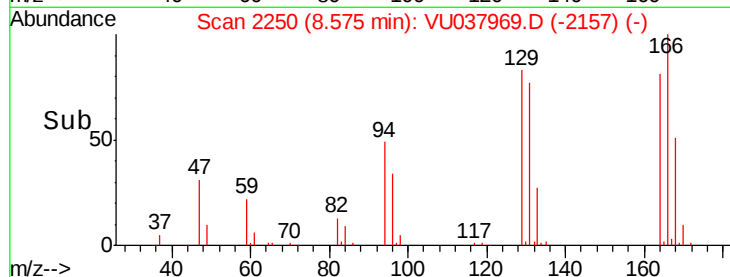


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.853 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037969.D

Acq: 30 Apr 2020 23:20

Tgt Ion: 43 Resp: 35715

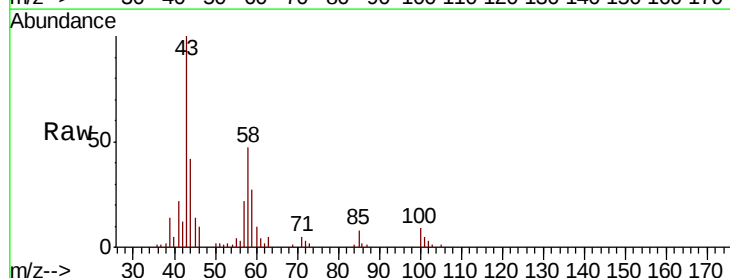
Ion Ratio Lower Upper

43 100

58 46.6 46.4 69.6

57 17.4 16.4 24.6

100 9.3 9.5 14.3#

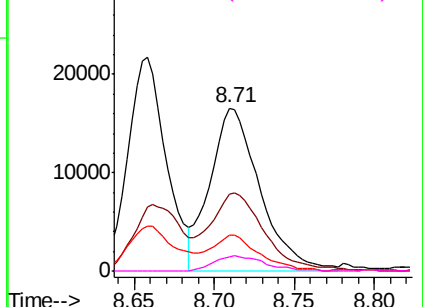
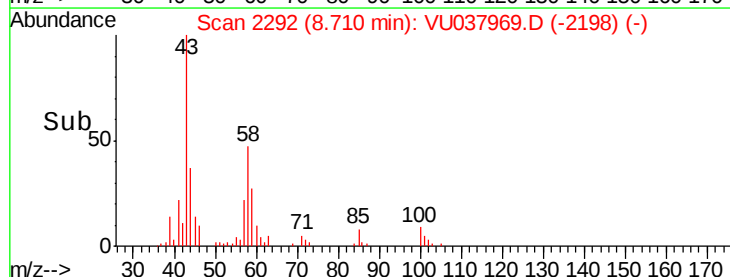


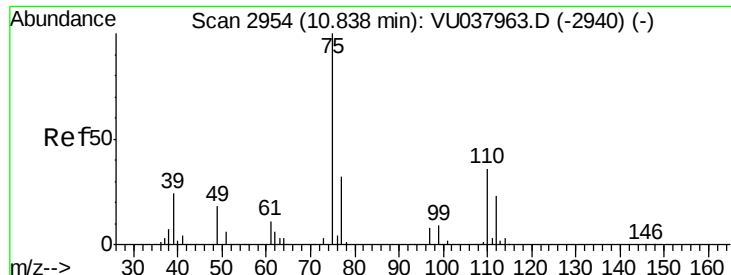
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.848 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037969.D

Acq: 30 Apr 2020 23:20

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 44690

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2

