

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037226.D
 Acq On : 13 Mar 2020 05:55
 Operator : JC/MD
 Sample : L1886-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:32:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	396788	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	382550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129645	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.93	69	112380	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.59	63	188874	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.66	46	256764	105.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.65%
24) Chloroform-d	5.10	84	277194	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
26) 1,2-Dichloroethane-d4	5.74	65	208795	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.76	84	502957	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.72	67	167206	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.92	98	466149	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%
43) trans-1,3-Dichloropropene-	8.20	79	84180	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
47) 2-Hexanone-d5	8.66	63	176283	98.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.77%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	251665	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	174918	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

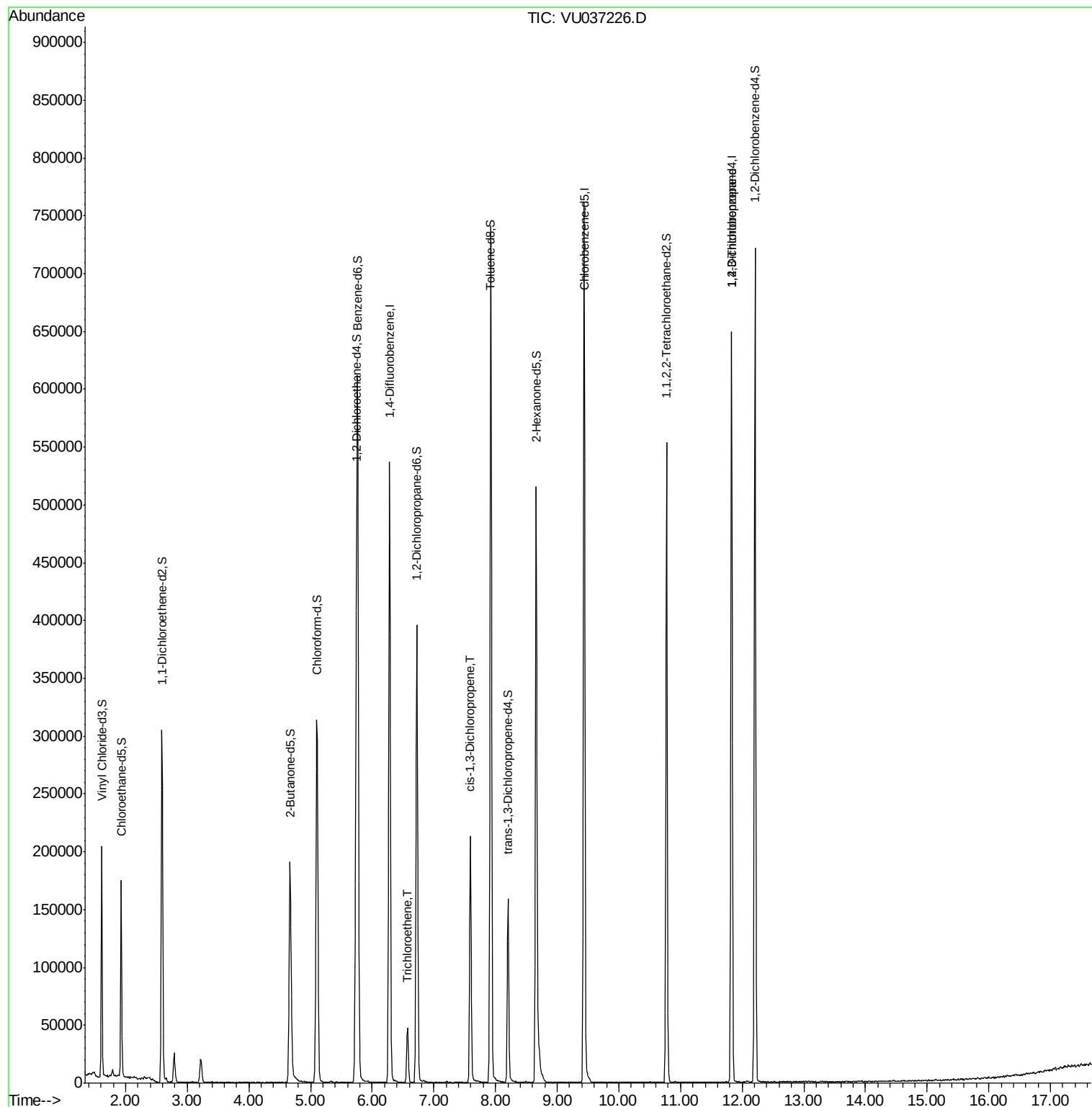
					Ovalue
34) Trichloroethene	6.57	95	15567	5.313 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	6631	1.334 ug/L	86
59) 1,2,3-Trichloropropane	11.83	75	21618	4.852 ug/L #	85

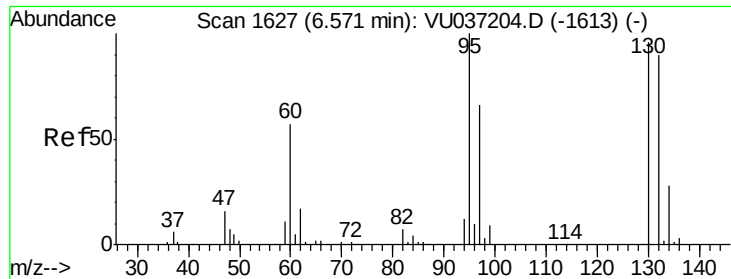
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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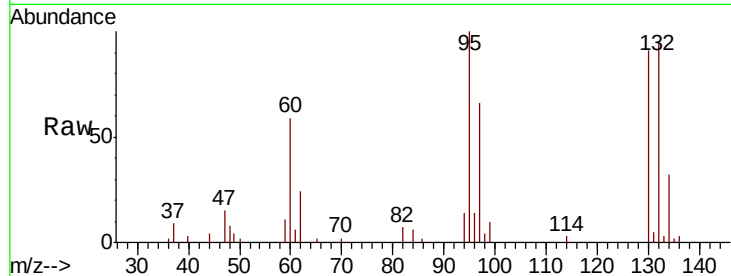




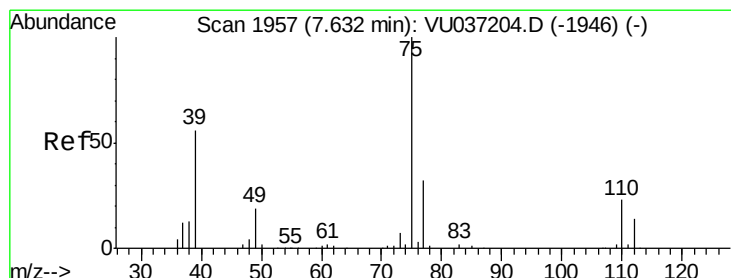
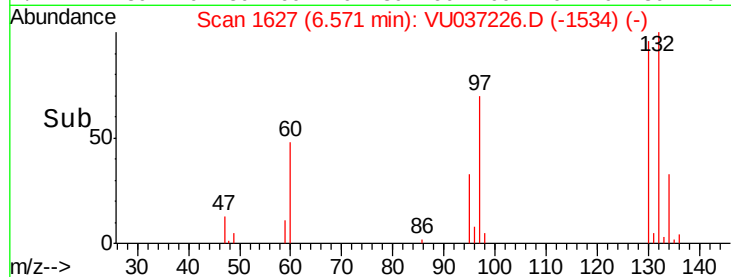
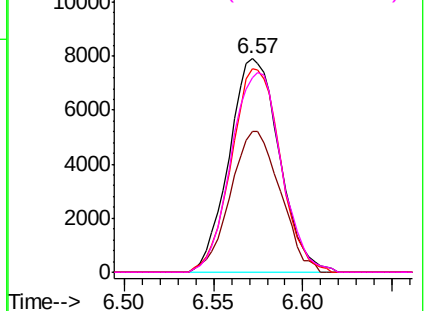
#34
 Trichloroethene
 Concen: 5.313 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037226.D
 Acq: 13 Mar 2020 05:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 15567
 Ion Ratio Lower Upper
 95 100
 97 66.2 43.8 81.4
 132 95.2 62.6 116.3
 130 91.2 64.8 120.4

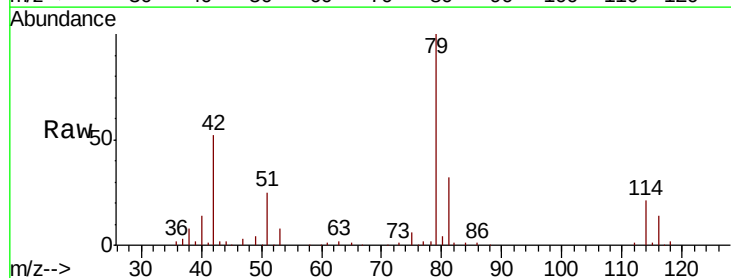


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

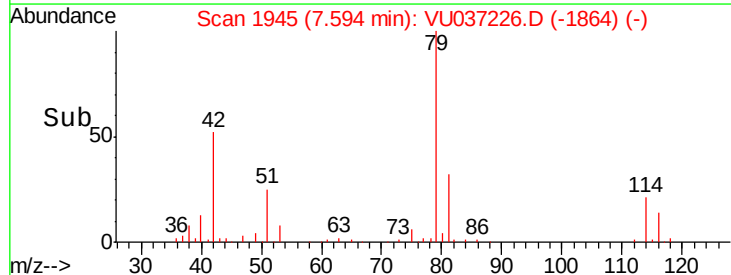
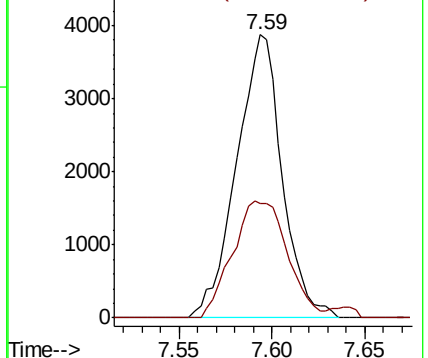


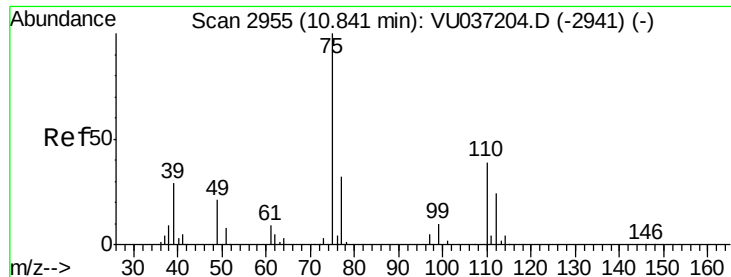
#39
 cis-1,3-Dichloropropene
 Concen: 1.334 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037226.D
 Acq: 13 Mar 2020 05:55

Tgt Ion: 75 Resp: 6631
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.852 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037226.D

Acq: 13 Mar 2020 05:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 21618

Ion Ratio Lower Upper

75 100

77 39.7 25.0 37.6#

