

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038733.D
 Acq On : 09 Jun 2020 19:30
 Operator : SY/MD
 Sample : L2897-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42

Quant Time: Jun 10 05:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	511037	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	491471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	233185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147088	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.04%
7) Chloroethane-d5	1.93	69	123127	55.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.18%
11) 1,1-Dichloroethene-d2	2.59	63	236444	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
21) 2-Butanone-d5	4.66	46	316429	113.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.92%
24) Chloroform-d	5.10	84	321327	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.74	65	221085	54.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.38%
32) Benzene-d6	5.76	84	652304	55.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.72	67	202195	55.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.84%
41) Toluene-d8	7.92	98	565758	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	8.20	79	98322	53.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.06%
47) 2-Hexanone-d5	8.65	63	235295	121.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	291547	53.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.14%
64) 1,2-Dichlorobenzene-d4	12.20	152	231343	57.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.28%

Target Compounds

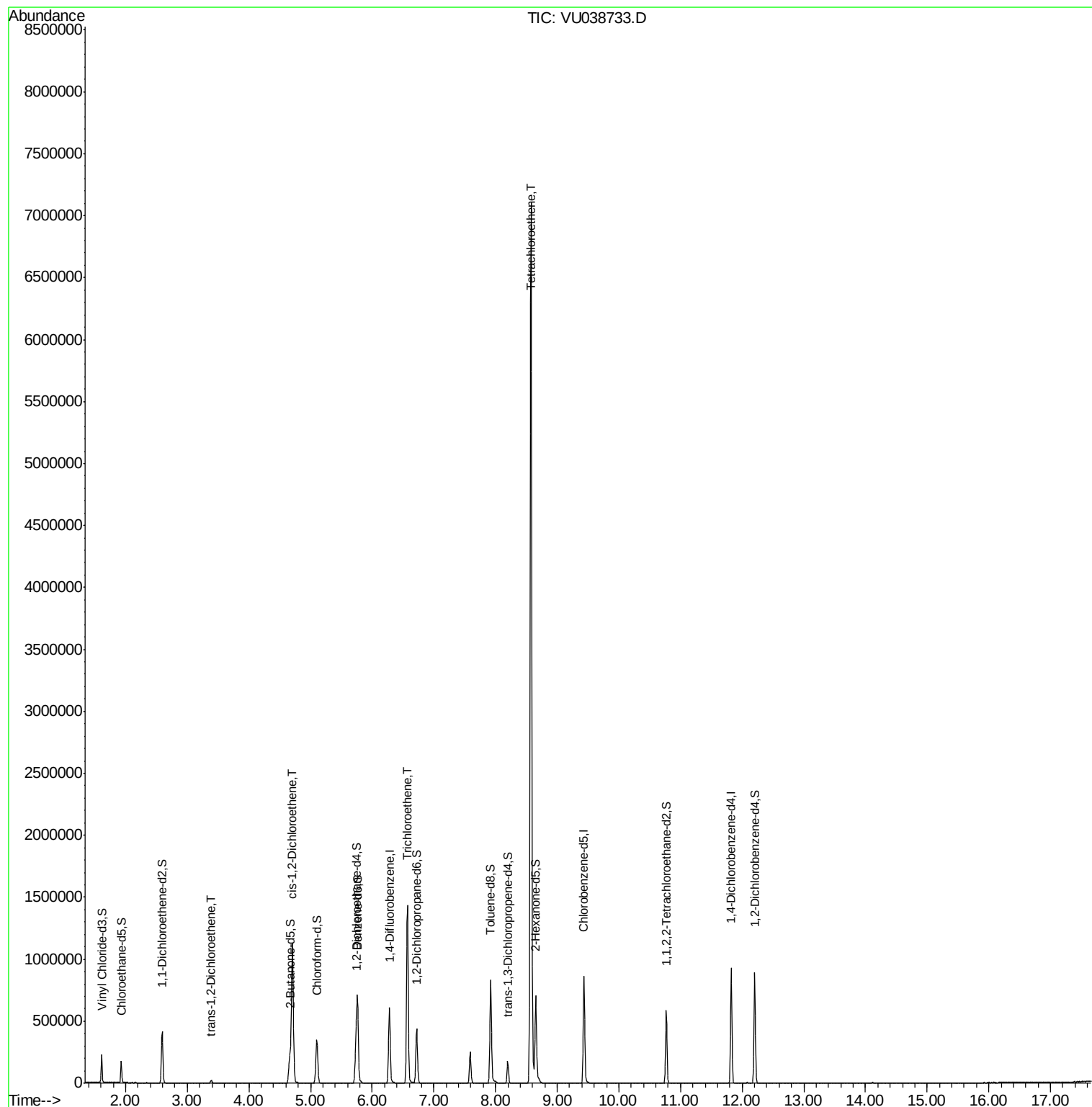
					Ovalue
17) trans-1,2-Dichloroethene	3.39	96	9152	2.586 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	578636	147.882 ug/L	99
34) Trichloroethene	6.57	95	485195	130.715 ug/L	98
46) Tetrachloroethene	8.57	164	1597213	596.445 ug/L	99

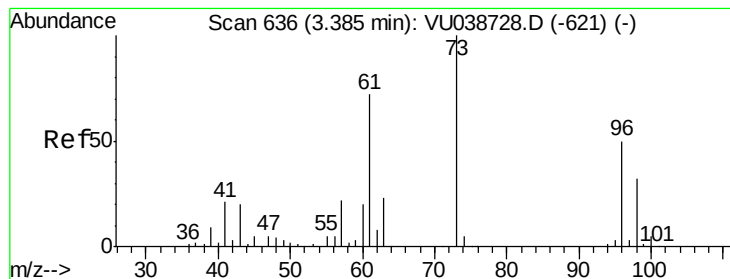
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.586 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038733.D

Acq: 09 Jun 2020 19:30

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ClientSampleId :

ETW42

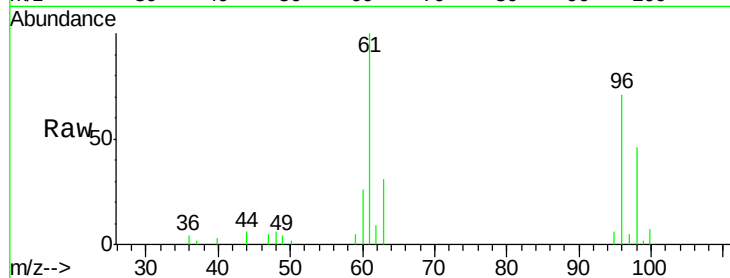
Tot Ion: 96 Resp: 9152

Ion Ratio Lower Upper

96 100

61 140.2 98.2 182.4

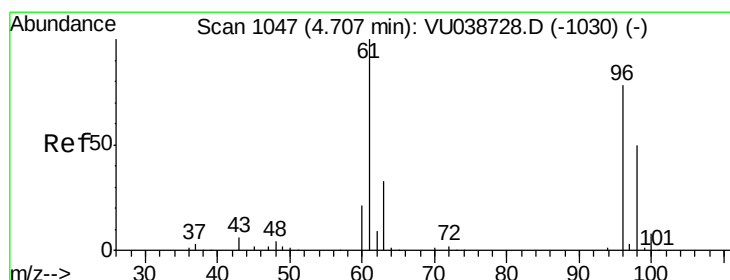
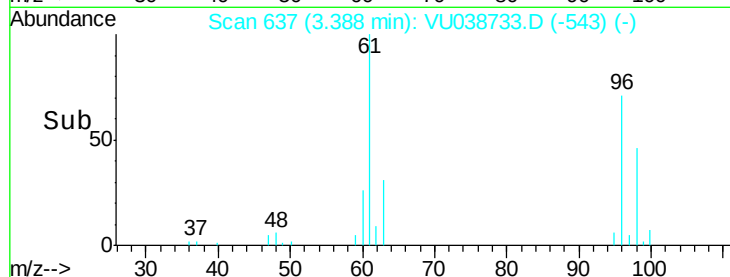
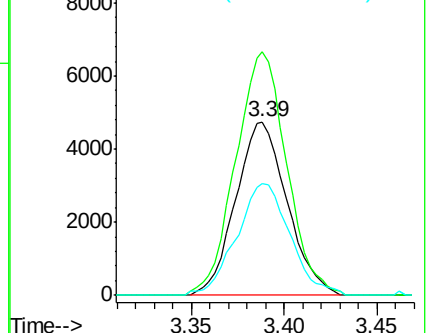
98 64.6 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU038728.D (-621) (-)

Ion 61.00 (60.70 to 61.70): VU038728.D (-621) (-)

Ion 98.00 (97.70 to 98.70): VU038728.D (-621) (-)



#20

cis-1,2-Dichloroethene

Concen: 147.882 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038733.D

Acq: 09 Jun 2020 19:30

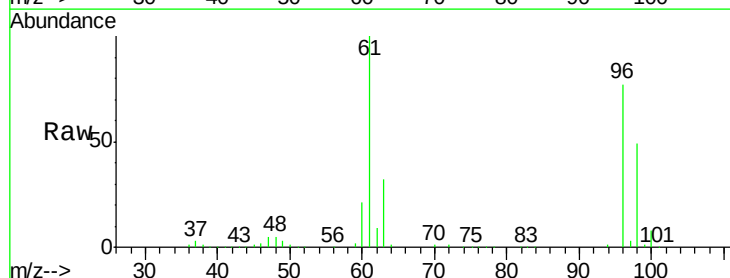
Tgt Ion: 96 Resp: 578636

Ion Ratio Lower Upper

96 100

61 129.3 89.5 166.1

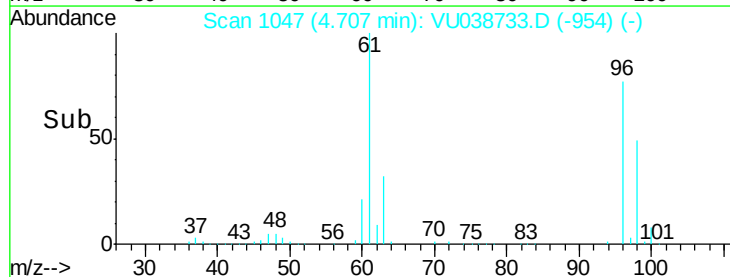
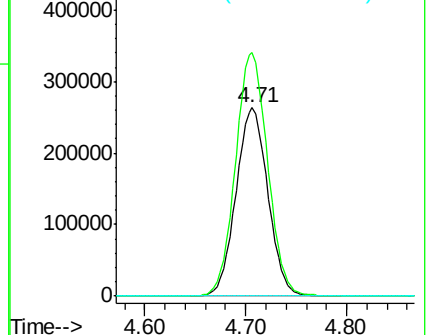
68 0.0 0.0 0.0

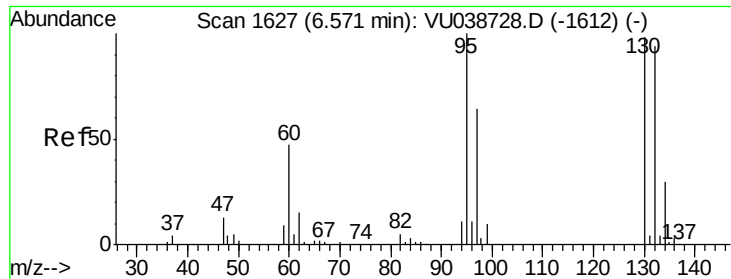


Abundance Ion 96.00 (95.70 to 96.70): VU038728.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU038728.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU038728.D (-1030) (-)

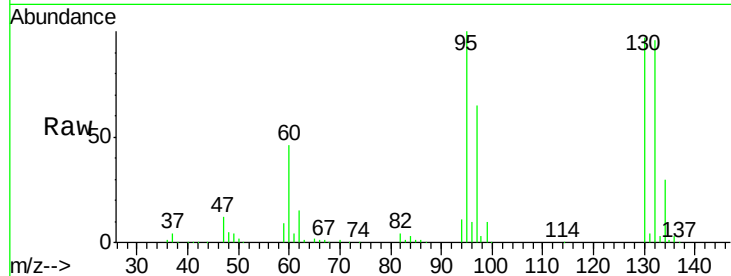




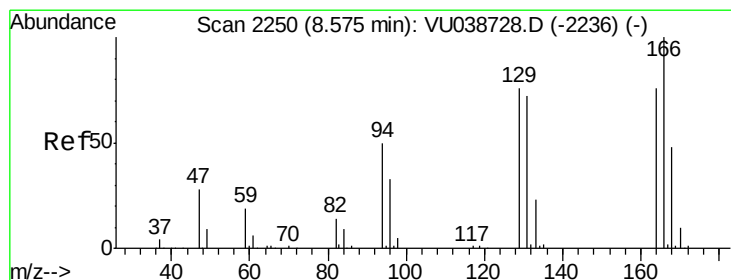
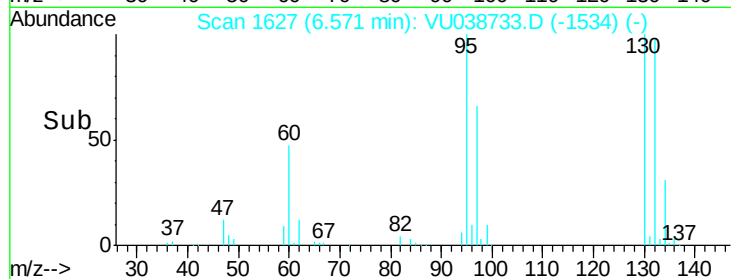
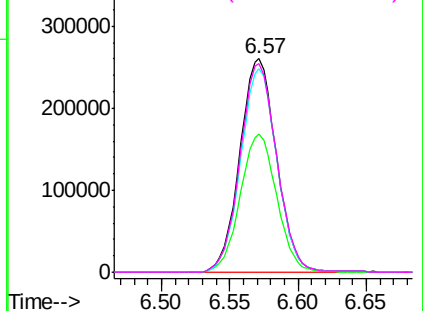
#34
 Trichloroethene
 Concen: 130.715 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

Instrument :
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Tot Ion:	95	Resp:	485195
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.4	82.4
132	95.6	64.9	120.5
130	97.5	68.6	127.4

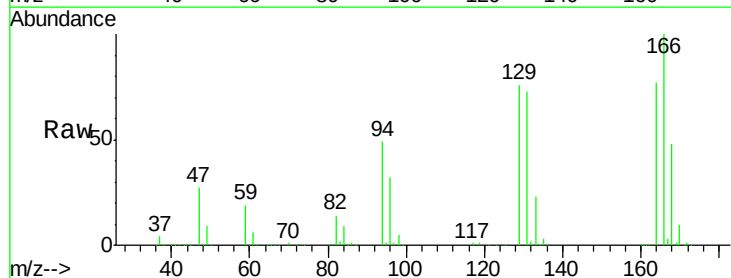


Abundance Ion 95.00 (94.70 to 95.70): VU038728.D (-1612) (-)
 Ion 97.00 (96.70 to 97.70): VU038728.D (-1612) (-)
 Ion 132.00 (131.70 to 132.70): VU038728.D (-1612) (-)
 Ion 130.00 (129.70 to 130.70): VU038728.D (-1612) (-)



#46
 Tetrachloroethene
 Concen: 596.445 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

Tgt Ion:	164	Resp:	1597213
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.2	124.8
131	94.6	65.5	121.6
166	129.1	90.4	168.0



Abundance Ion 164.00 (163.70 to 164.70): VU038728.D (-2236) (-)
 Ion 129.00 (128.70 to 129.70): VU038728.D (-2236) (-)
 Ion 131.00 (130.70 to 131.70): VU038728.D (-2236) (-)
 Ion 166.00 (165.70 to 166.70): VU038728.D (-2236) (-)

