

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037194.D
 Acq On : 12 Mar 2020 17:22
 Operator : JC/MD
 Sample : L1784-13 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:34:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	404199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	393028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165022	50.00	ug/L	0.00

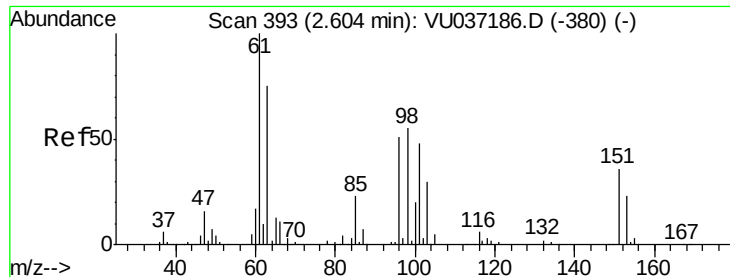
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147496	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.93	69	120592	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.59	63	208465	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.64%
21) 2-Butanone-d5	4.67	46	267285	107.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.97%
24) Chloroform-d	5.11	84	290808	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.74	65	216366	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
32) Benzene-d6	5.76	84	532022	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.72	67	175517	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.12%
41) Toluene-d8	7.92	98	492684	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	8.20	79	92866	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.66	63	183992	100.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	261407	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	177411	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

				Ovalue	
12) 1,1-Dichloroethene	2.60	96	3870	1.622 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	28383	9.389 ug/L	90
30) 1,1,1-Trichloroethane	5.35	97	7626	1.462 ug/L #	79
34) Trichloroethene	6.57	95	328400	109.092 ug/L	98
44) trans-1,3-Dichloropropene	8.20	75	5202	1.079 ug/L #	74

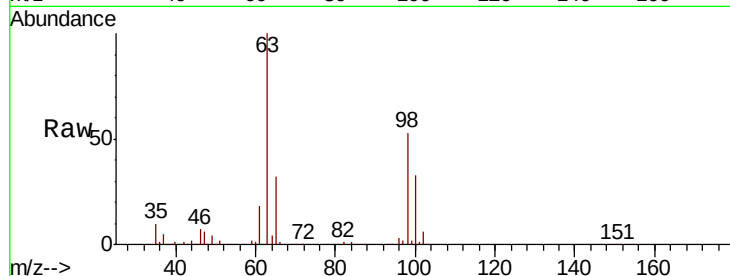
(#) = qualifier out of range (m) = manual integration (+) = signals summed



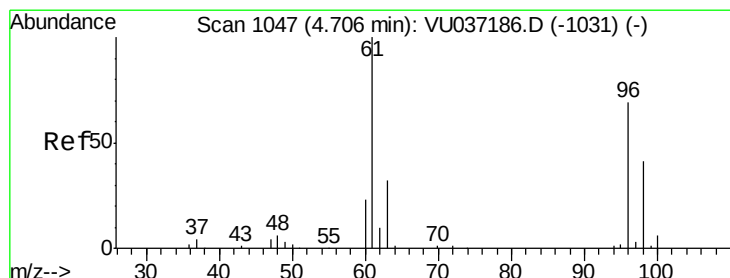
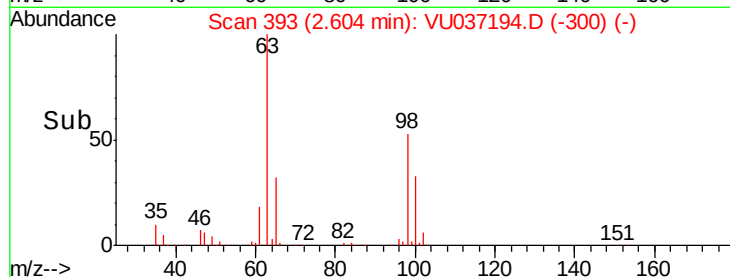
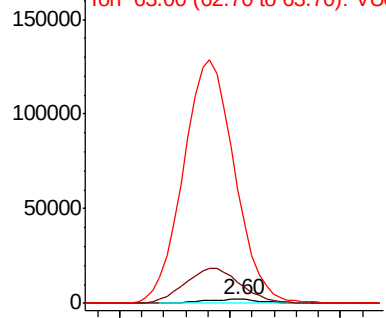
#12
 1,1-Dichloroethene
 Concen: 1.622 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037194.D
 Acq: 12 Mar 2020 17:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 3870
 Ion Ratio Lower Upper
 96 100
 61 532.3 138.8 257.8#
 63 2891.5 106.4 197.6#

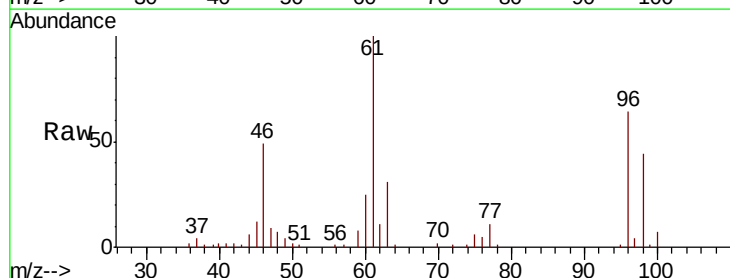


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

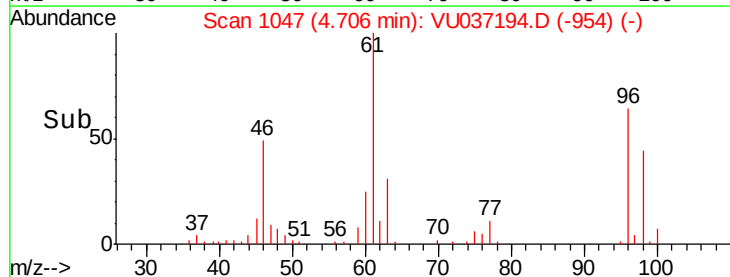
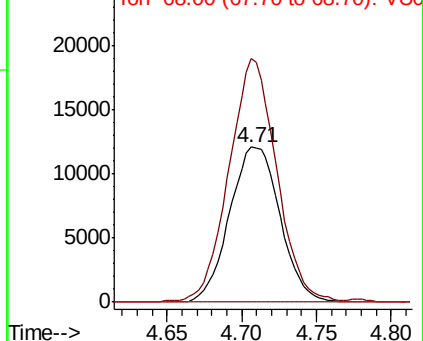


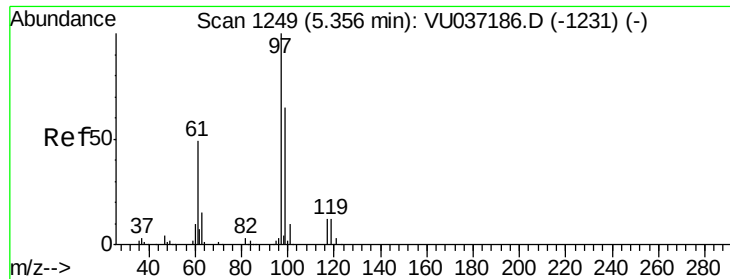
#20
 cis-1,2-Dichloroethene
 Concen: 9.389 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037194.D
 Acq: 12 Mar 2020 17:22

Tgt Ion: 96 Resp: 28383
 Ion Ratio Lower Upper
 96 100
 61 157.2 101.2 187.8
 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

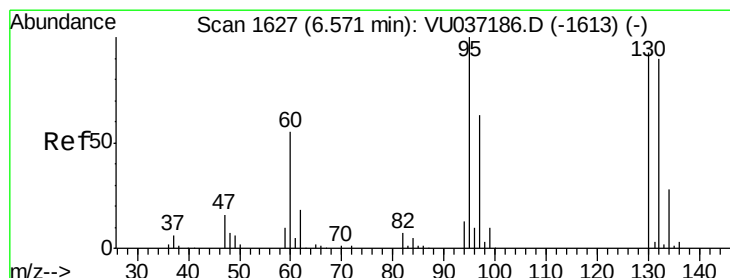
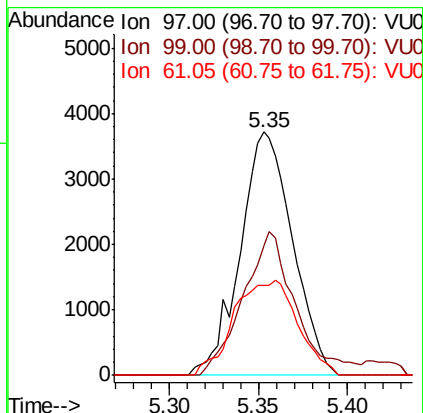
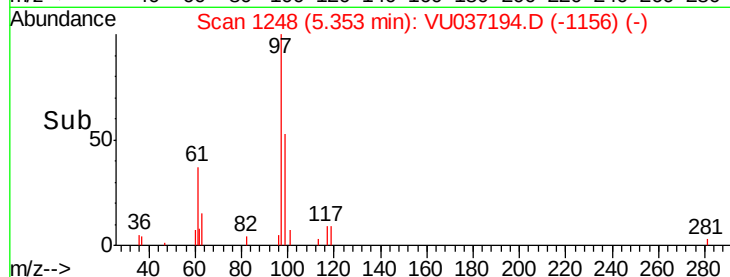
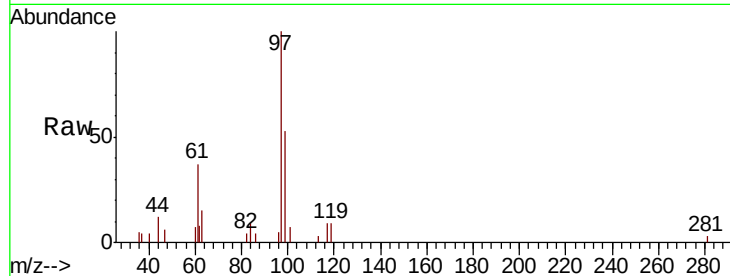




#30
1,1,1-Trichloroethane
Concen: 1.462 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037194.D
Acq: 12 Mar 2020 17:22

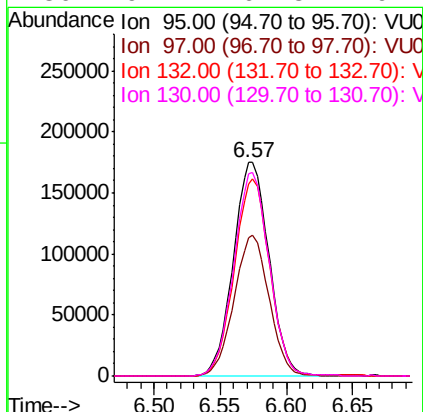
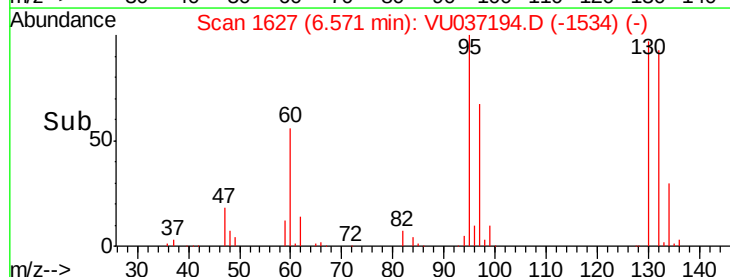
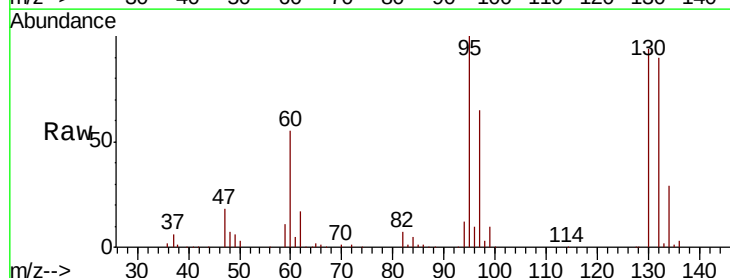
Instrument :
MSVOA_U
ClientSampleId :

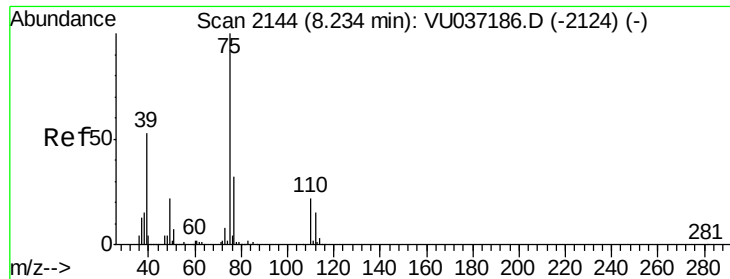
Tot Ion: 97 Resp: 7626
Ion Ratio Lower Upper
97 100
99 56.1 51.4 77.0
61 24.1 39.0 58.4#



#34
Trichloroethene
Concen: 109.092 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037194.D
Acq: 12 Mar 2020 17:22

Tgt Ion: 95 Resp: 328400
Ion Ratio Lower Upper
95 100
97 64.9 43.8 81.4
132 89.9 62.6 116.3
130 94.4 64.8 120.4





#44

trans-1,3-Dichloropropene

Concen: 1.079 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037194.D

Acq: 12 Mar 2020 17:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 5202

Ion Ratio Lower Upper

75 100

77 45.8 22.1 41.1#

