

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025560.D
 Acq On : 20 Jul 2018 22:22
 Operator : MD/SY
 Sample : J4097-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	128799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78022	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.92%
7) Chloroethane-d5	1.68	69	66159	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.27	63	129896	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	4.18	46	139181	99.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.27%
24) Chloroform-d	4.65	84	183183	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.31	65	128700	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
32) Benzene-d6	5.35	84	357974	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
36) 1,2-Dichloropropane-d6	6.34	67	117033	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.57	98	328406	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	7.85	79	55507	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.31	63	102095	101.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159248	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	130448	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

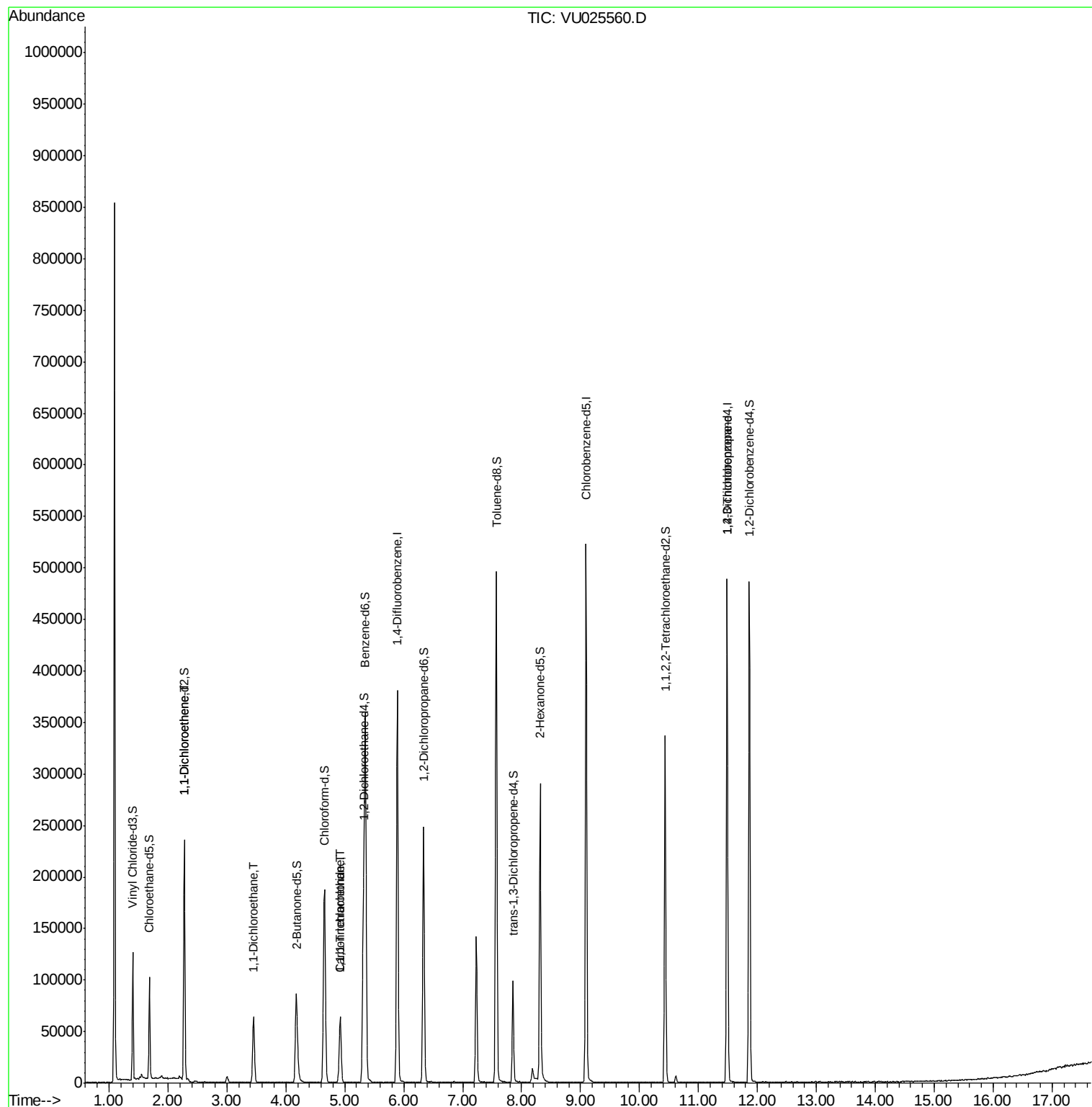
					Ovalue
12) 1,1-Dichloroethene	2.28	96	2886	1.608 ug/L #	1
19) 1,1-Dichloroethane	3.45	63	68724	17.478 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	49745	13.676 ug/L	99
31) Carbon tetrachloride	4.92	117	6573	1.954 ug/L	100
59) 1,2,3-Trichloropropane	11.49	75	14478	5.400 ug/L #	85

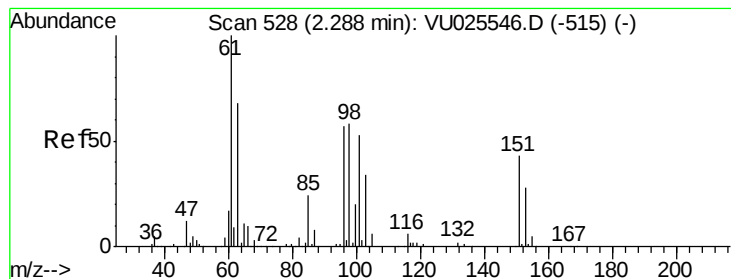
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.608 ug/L

RT: 2.28 min Scan# 527

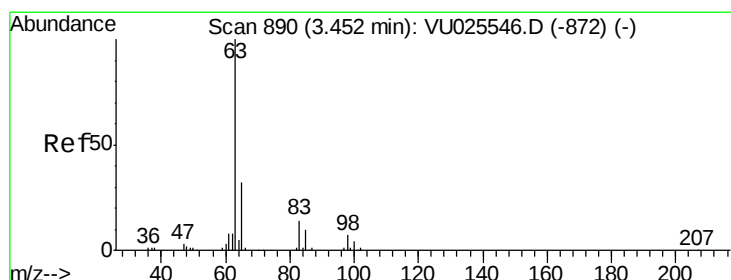
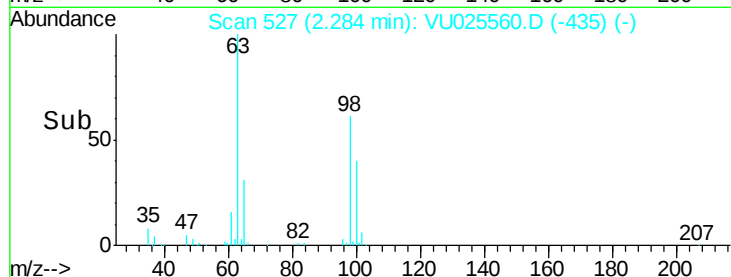
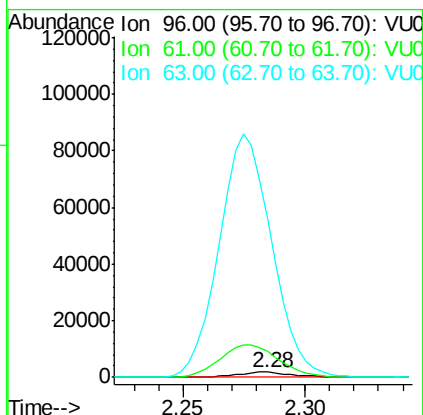
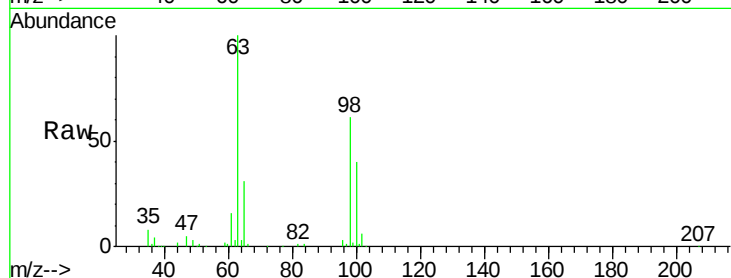
Delta R.T. -0.00 min

Lab File: VU025560.D

Acq: 20 Jul 2018 22:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 2886
Ion Ratio Lower Upper
96 100
61 504.4 122.5 227.5#
63 3110.7 90.9 168.9#



#19

1,1-Dichloroethane

Concen: 17.478 ug/L

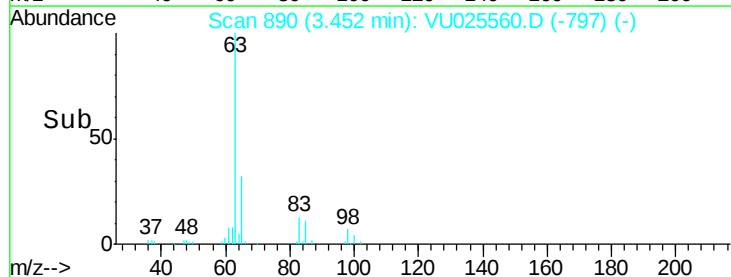
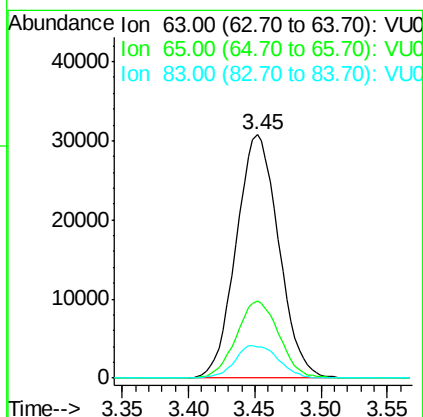
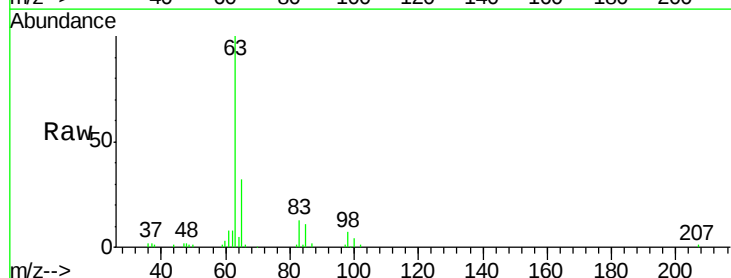
RT: 3.45 min Scan# 890

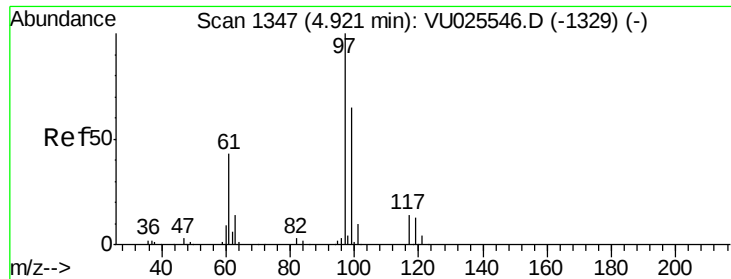
Delta R.T. 0.00 min

Lab File: VU025560.D

Acq: 20 Jul 2018 22:22

Tgt Ion: 63 Resp: 68724
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.9 9.6 17.8

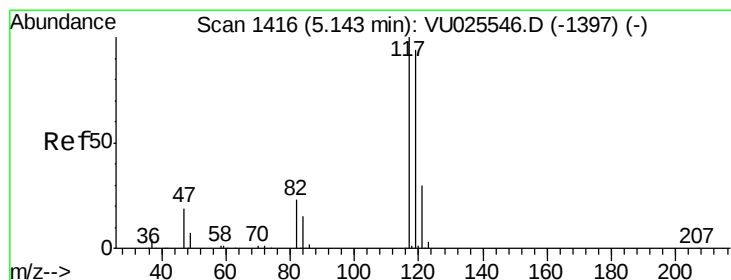
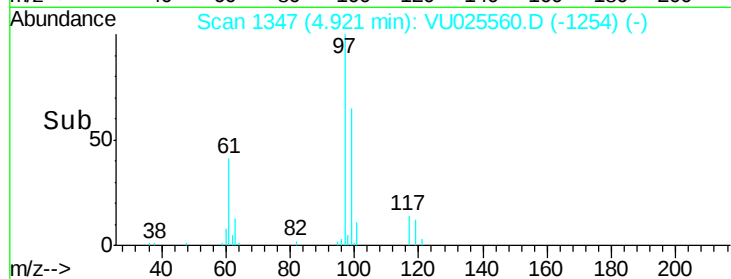
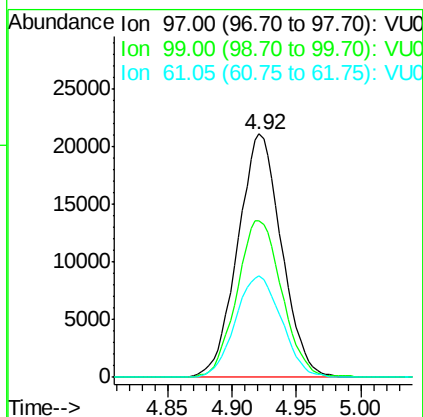
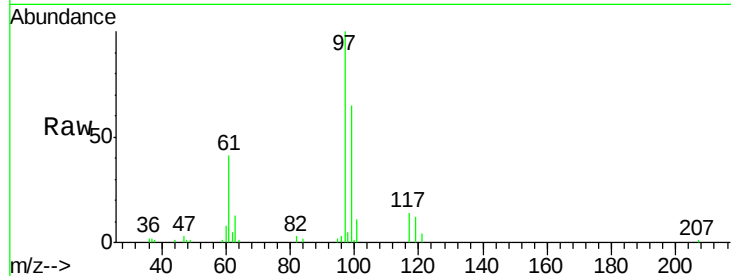




#30
 1,1,1-Trichloroethane
 Concen: 13.676 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VU025560.D
 Acq: 20 Jul 2018 22:22

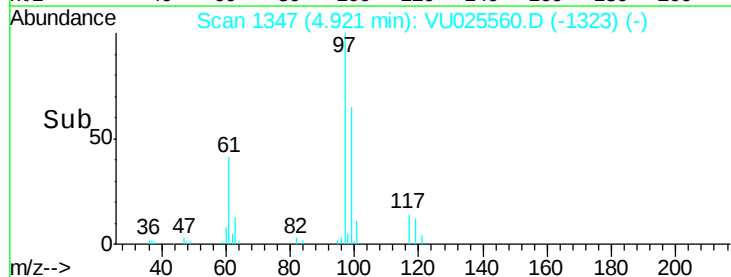
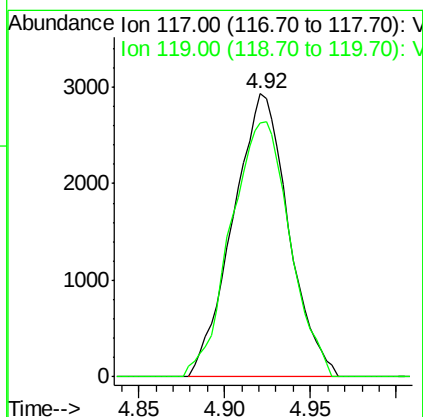
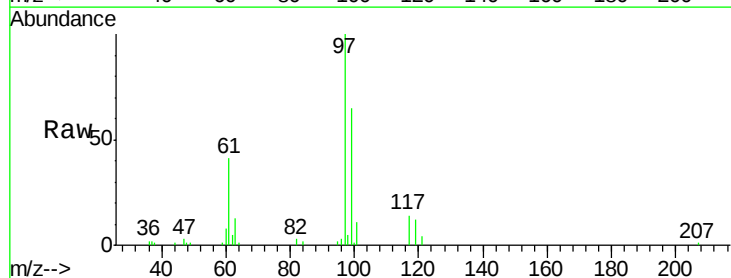
Instrument :
 MSVOA_U
 ClientSampleId :

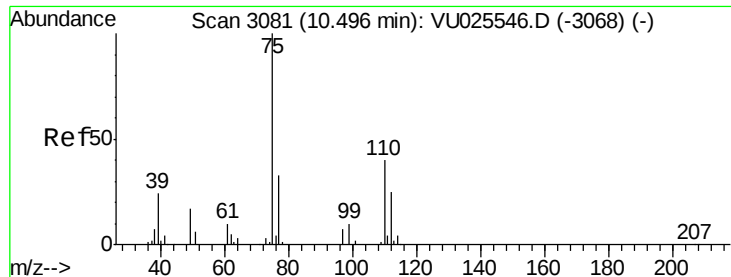
Tot Ion: 97 Resp: 49745
 Ion Ratio Lower Upper
 97 100
 99 65.9 52.4 78.6
 61 43.7 34.6 52.0



#31
 Carbon tetrachloride
 Concen: 1.954 ug/L
 RT: 4.92 min Scan# 1347
 Delta R.T. -0.22 min
 Lab File: VU025560.D
 Acq: 20 Jul 2018 22:22

Tgt Ion: 117 Resp: 6573
 Ion Ratio Lower Upper
 117 100
 119 95.6 76.6 114.8





#59

1,2,3-Trichloropropane

Concen: 5.400 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025560.D

Acq: 20 Jul 2018 22:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14478

Ion Ratio Lower Upper

75 100

77 40.8 25.8 38.8#

