

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026480.D
 Acq On : 31 Aug 2018 04:33
 Operator : MD/SY
 Sample : J4694-19 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:46:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153413	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144389	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62076	50.00	ug/L	0.00

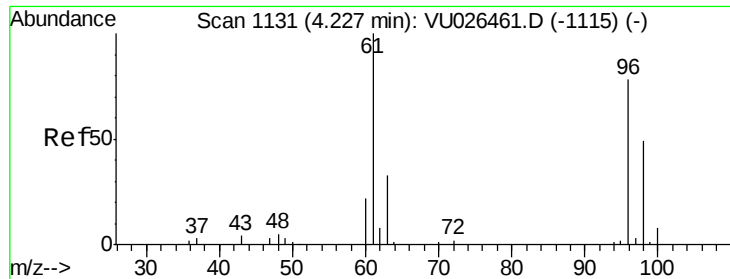
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38293	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.58%
7) Chloroethane-d5	1.68	69	35927	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.27	63	53577	25.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.06%#
21) 2-Butanone-d5	4.17	46	64523	87.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.46%
24) Chloroform-d	4.65	84	74480	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
26) 1,2-Dichloroethane-d4	5.31	65	52148	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.34	84	149362	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.33	67	52177	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.57	98	135764	42.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.52%
43) trans-1,3-Dichloropropene-	7.85	79	21824	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.31	63	46734	89.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.13%
57) 1,1,1,2,2-Tetrachloroethane-	10.43	84	71706	42.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	55171	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	12432	11.204	ug/L 97
34) Trichloroethene	6.19	95	10389	10.006	ug/L 95
35) Methylcyclohexane	6.33	83	11791	7.273	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5542	4.836	ug/L # 88
46) Tetrachloroethene	8.23	164	4809	5.665	ug/L 96
49) Dibromochloromethane	8.23	129	4659	3.939	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7483	5.233	ug/L # 86

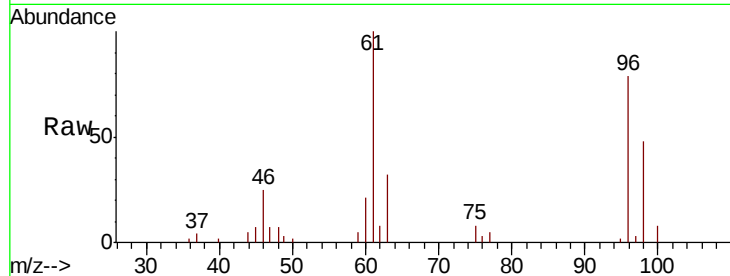
(#) = qualifier out of range (m) = manual integration (+) = signals summed



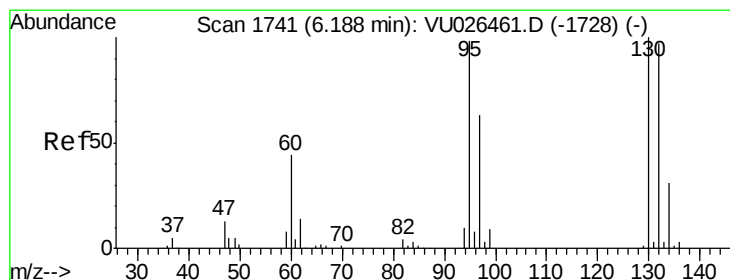
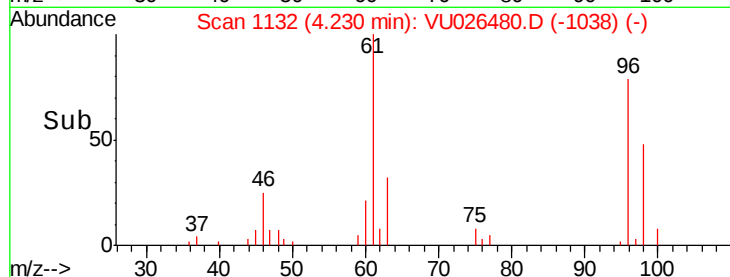
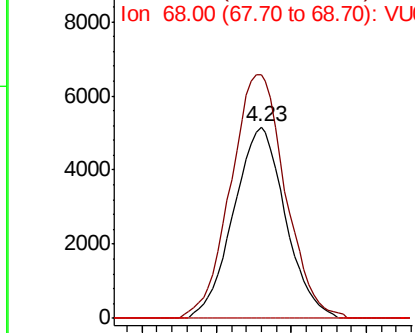
#20
 cis-1,2-Dichloroethene
 Concen: 11.204 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026480.D
 Acq: 31 Aug 2018 04:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 12432
 Ion Ratio Lower Upper
 96 100
 61 127.1 91.6 170.2
 68 0.0 0.0 0.0

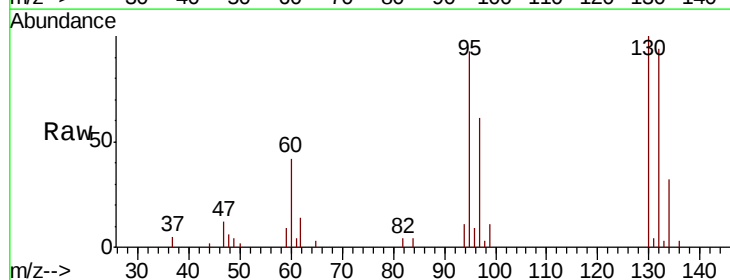


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

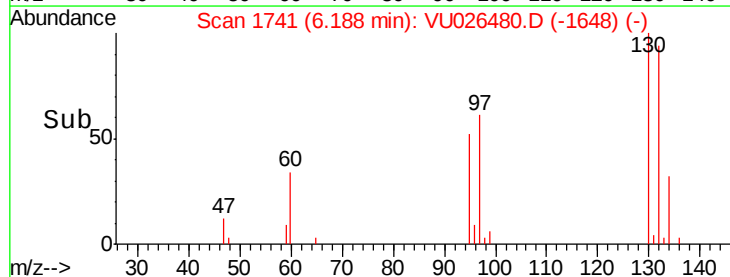
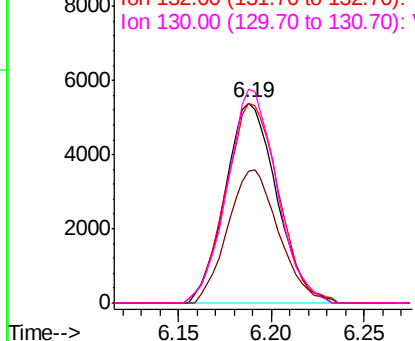


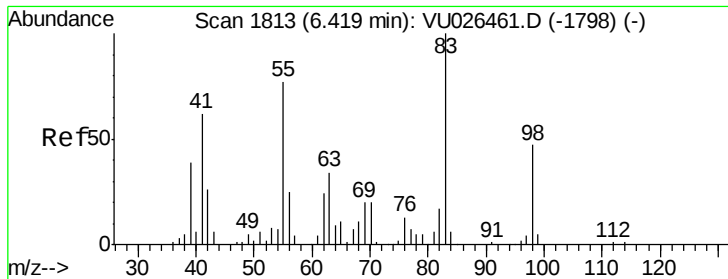
#34
 Trichloroethene
 Concen: 10.006 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026480.D
 Acq: 31 Aug 2018 04:33

Tgt Ion: 95 Resp: 10389
 Ion Ratio Lower Upper
 95 100
 97 65.8 45.1 83.7
 132 100.2 67.5 125.3
 130 107.0 69.3 128.7



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

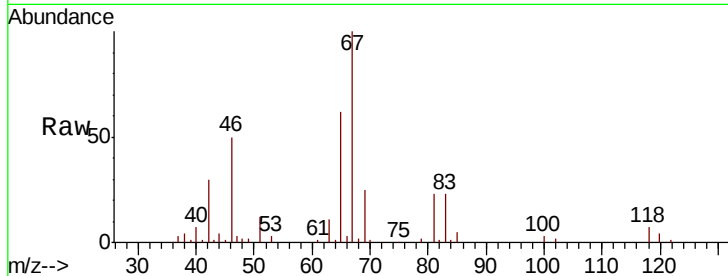




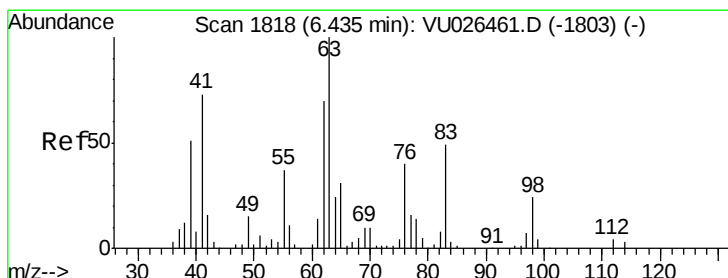
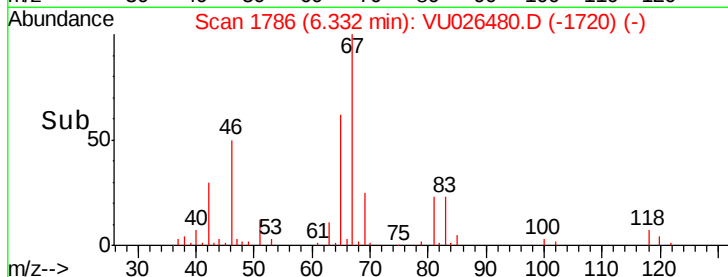
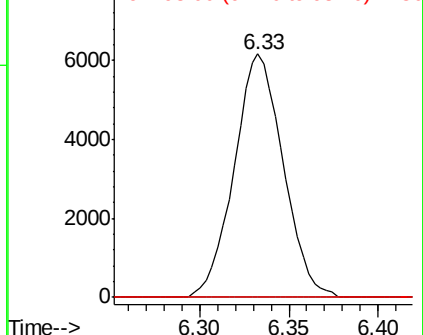
#35
Methvlcvclohexane
Concen: 7.273 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026480.D
Acq: 31 Aug 2018 04:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11791
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 1.6 36.7 55.1#

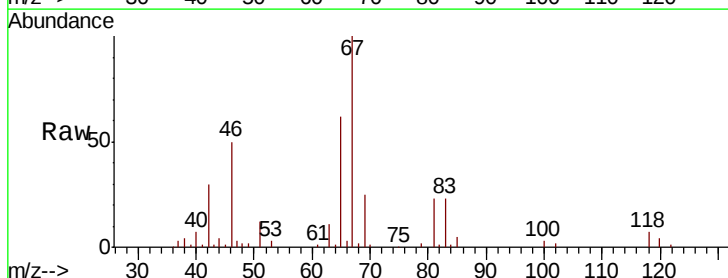


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

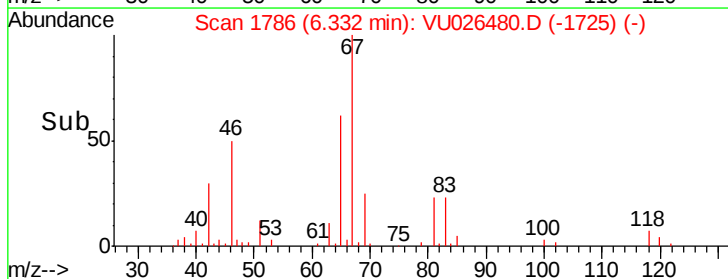
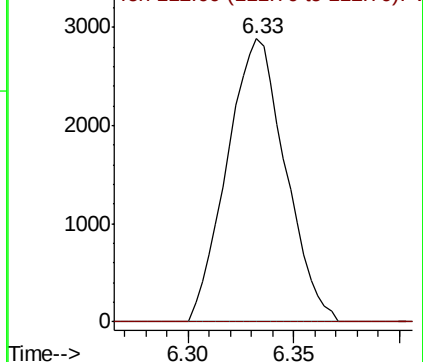


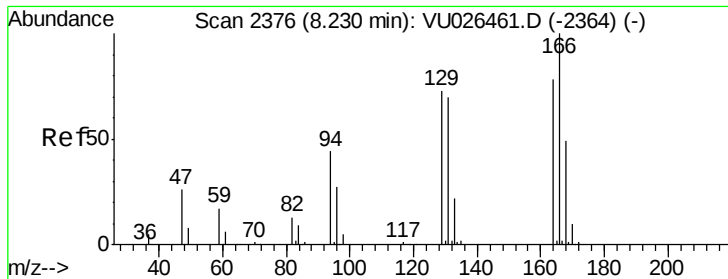
#37
1,2-Dichloropropane
Concen: 4.836 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026480.D
Acq: 31 Aug 2018 04:33

Tgt Ion: 63 Resp: 5542
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

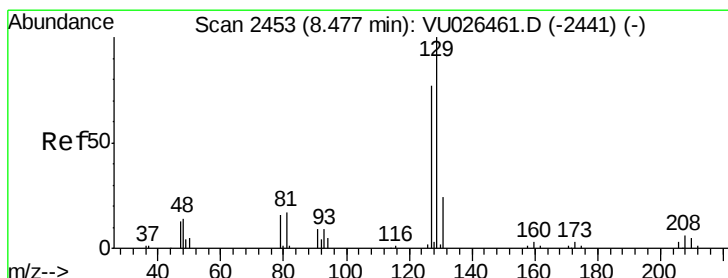
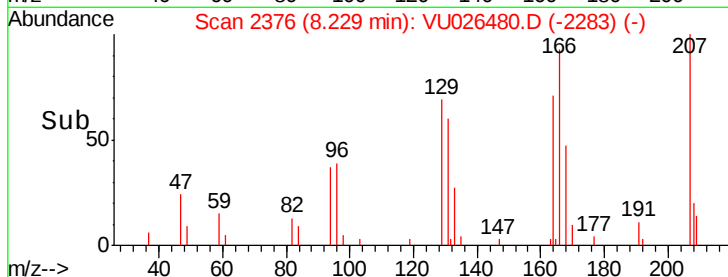
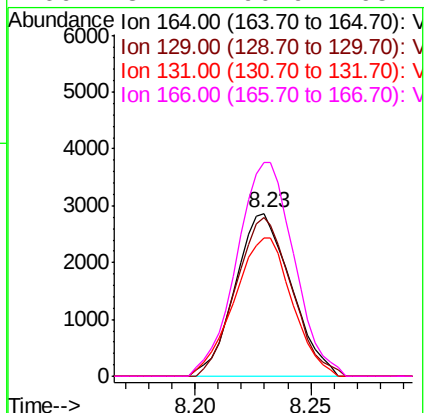
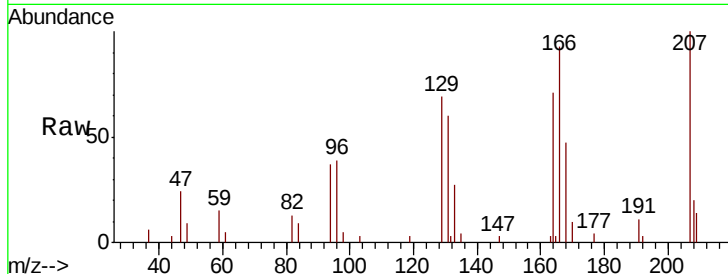




#46
Tetrachloroethene
Concen: 5.665 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026480.D
Acq: 31 Aug 2018 04:33

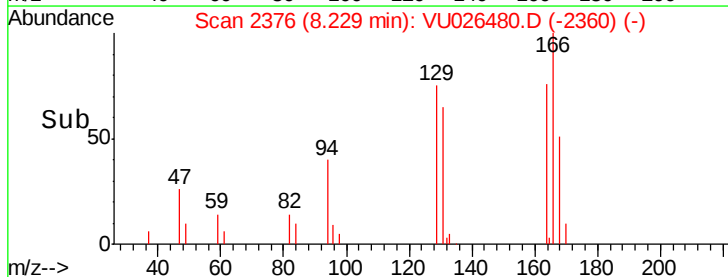
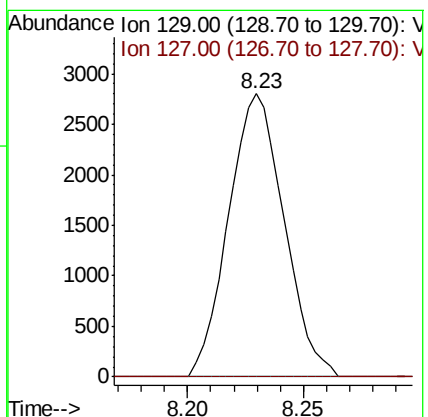
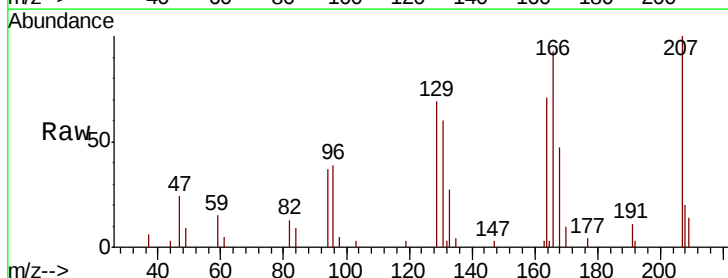
Instrument :
MSVOA_U
ClientSampleId :

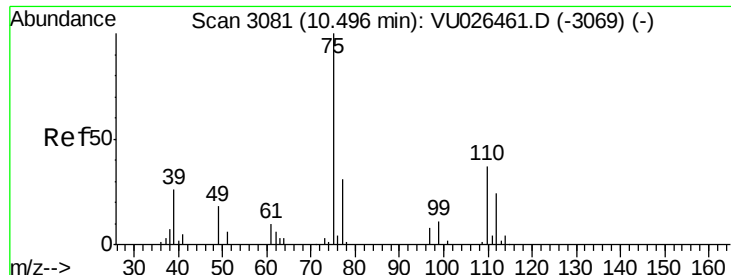
Tot Ion:164 Resp: 4809
Ion Ratio Lower Upper
164 100
129 97.9 67.3 125.1
131 85.0 65.3 121.3
166 131.2 90.9 168.7



#49
Dibromochloromethane
Concen: 3.939 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026480.D
Acq: 31 Aug 2018 04:33

Tgt Ion:129 Resp: 4659
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.233 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026480.D

Acq: 31 Aug 2018 04:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7483

Ion Ratio Lower Upper

75 100

77 39.1 25.0 37.6#

