

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026446.D
 Acq On : 30 Aug 2018 15:01
 Operator : MD/SY
 Sample : J4691-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:24:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143001	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61026	50.00	ug/L	0.00

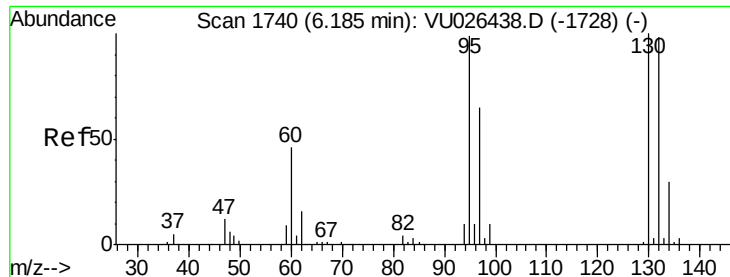
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44830	47.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.48%
7) Chloroethane-d5	1.68	69	40115	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	61456	29.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.12%#
21) 2-Butanone-d5	4.18	46	68068	93.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.39%
24) Chloroform-d	4.65	84	78720	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.31	65	54180	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.34	84	157612	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	6.33	67	54393	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.57	98	144290	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.85	79	23412	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.31	63	51299	98.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75309	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	56601	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

					Ovalue
34) Trichloroethene	6.19	95	1511	1.469 ug/L	93
35) Methylcyclohexane	6.33	83	12372	7.705 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5701	5.023 ug/L #	88
46) Tetrachloroethene	8.23	164	69016	82.090 ug/L	99
48) 2-Hexanone	8.31	43	5928	4.918 ug/L #	67
49) Dibromochloromethane	8.23	129	64510	55.065 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7236	5.110 ug/L #	86

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



#34

Trichloroethene

Concen: 1.469 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VU026446.D

Acq: 30 Aug 2018 15:01

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 1511

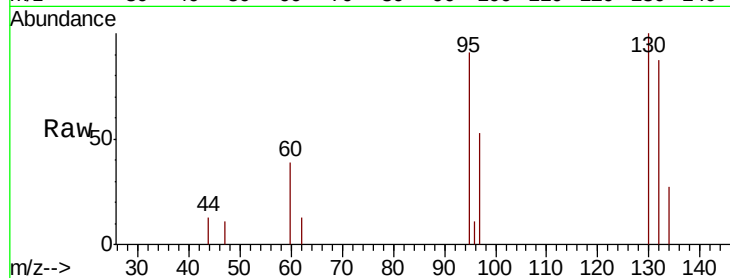
Ion Ratio Lower Upper

95 100

97 57.6 45.1 83.7

132 95.5 67.5 125.3

130 109.5 69.3 128.7

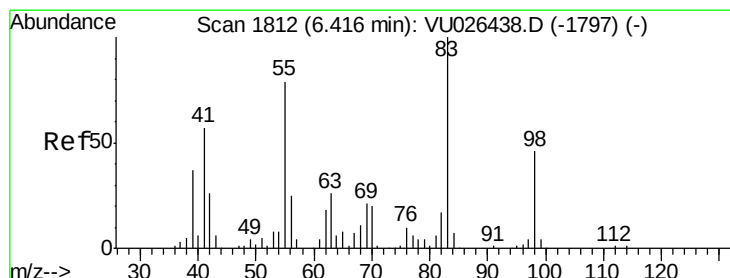
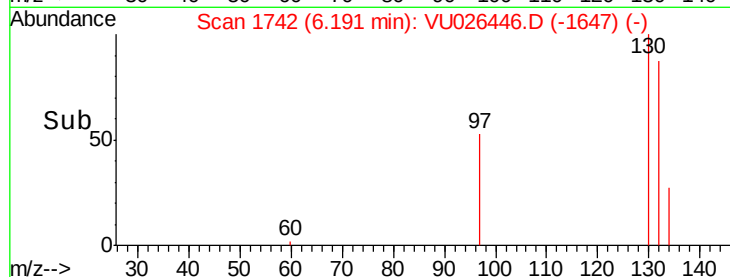
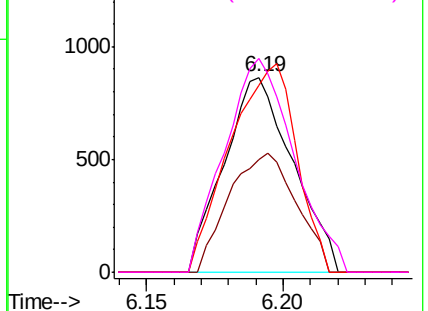


Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Methylcyclohexane

Concen: 7.705 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026446.D

Acq: 30 Aug 2018 15:01

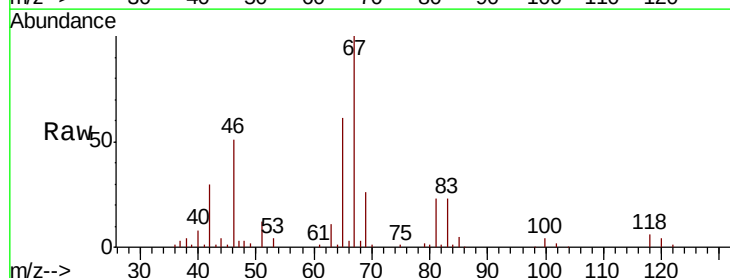
Tgt Ion: 83 Resp: 12372

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

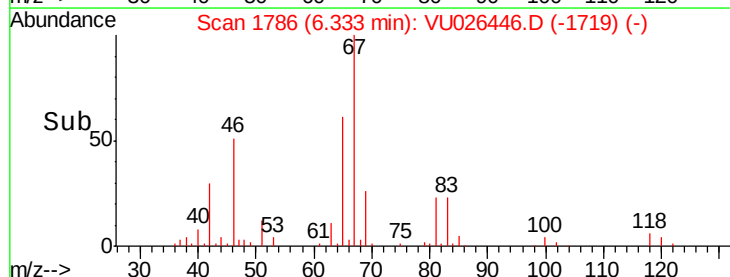
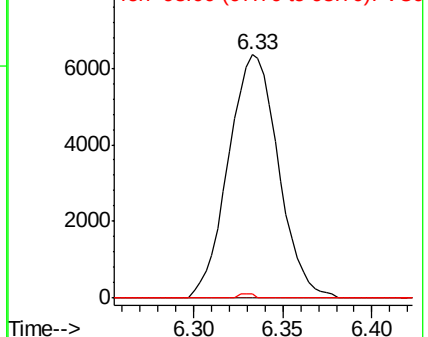
98 0.5 36.7 55.1#

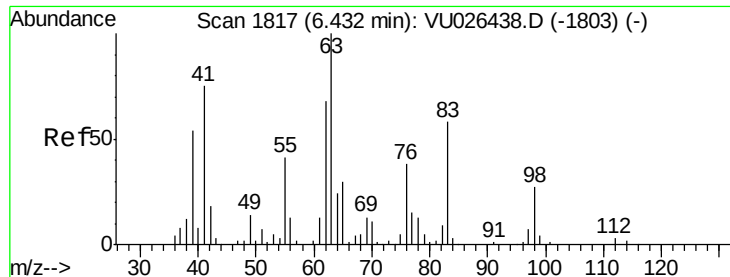


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

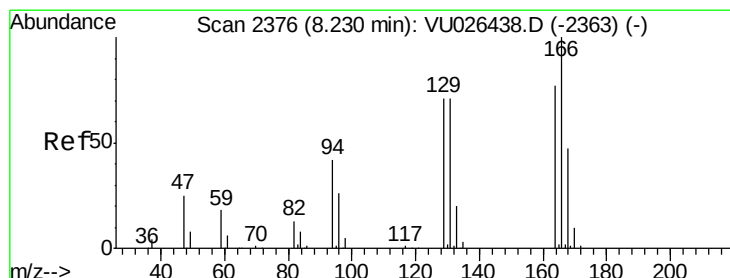
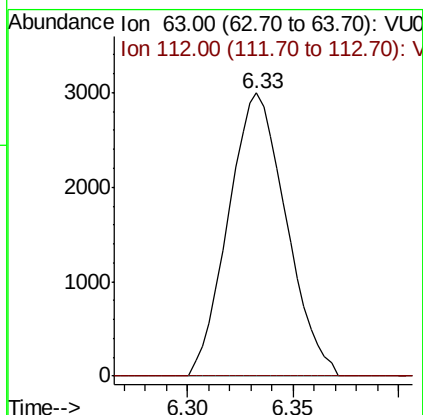
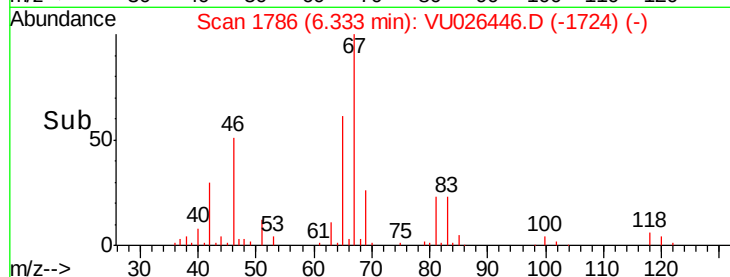
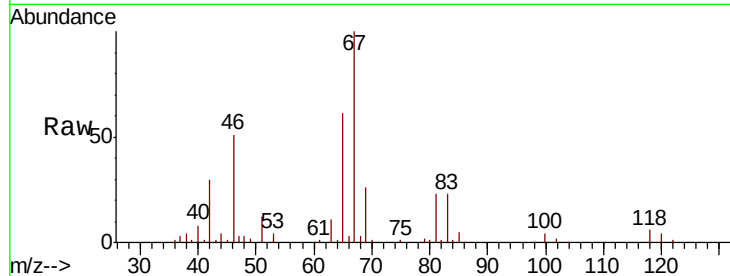




#37
 1,2-Dichloropropane
 Concen: 5.023 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026446.D
 Acq: 30 Aug 2018 15:01

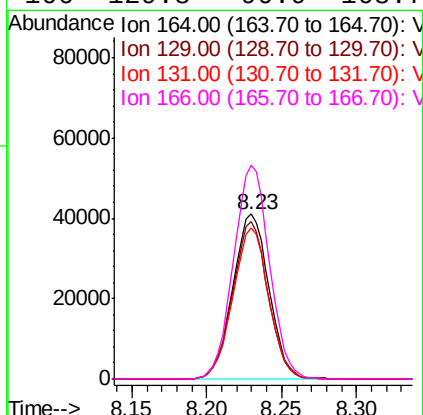
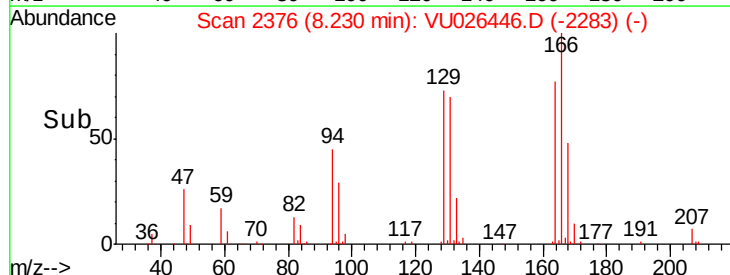
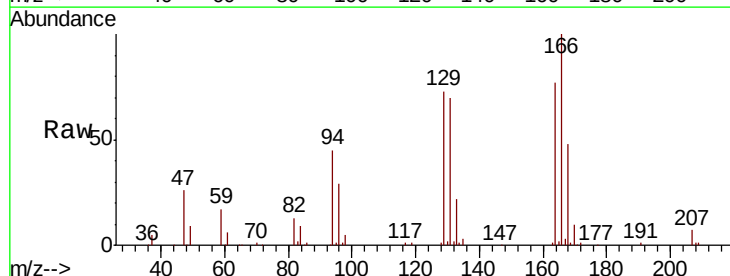
Instrument :
 MSVOA_U
 ClientSampleId :

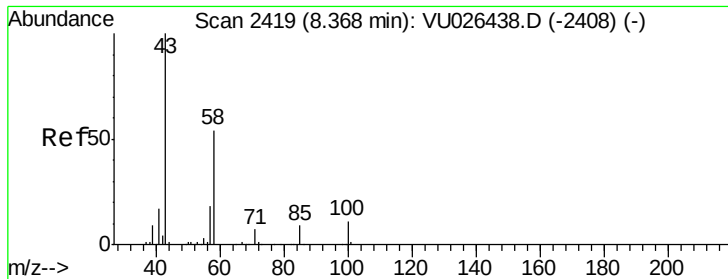
Tot Ion: 63 Resp: 5701
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 82.090 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026446.D
 Acq: 30 Aug 2018 15:01

Tgt Ion:164 Resp: 69016
 Ion Ratio Lower Upper
 164 100
 129 95.4 67.3 125.1
 131 91.5 65.3 121.3
 166 129.8 90.9 168.7

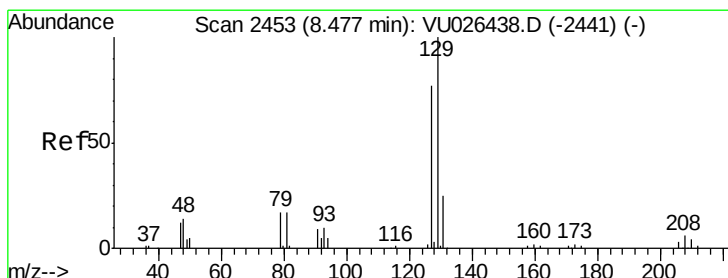
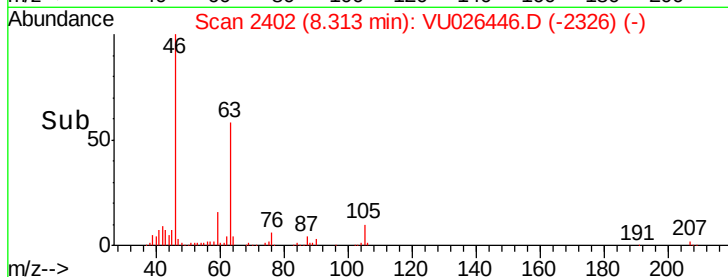
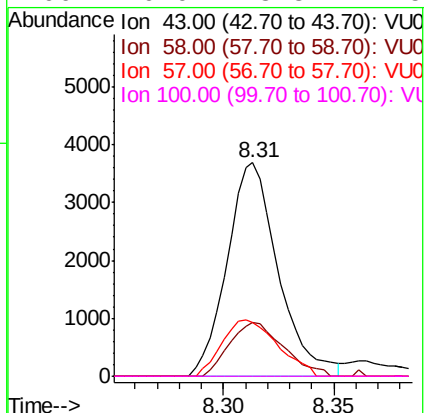
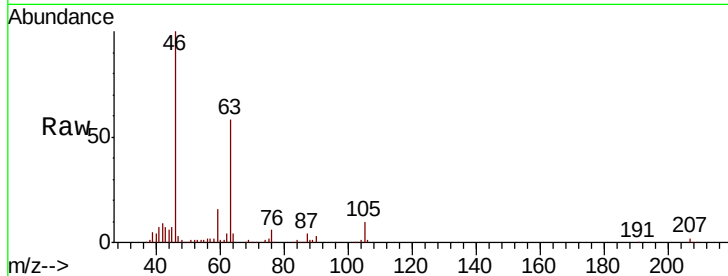




#48
2-Hexanone
Concen: 4.918 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026446.D
Acq: 30 Aug 2018 15:01

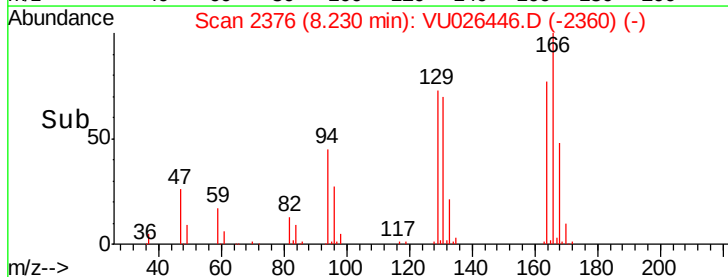
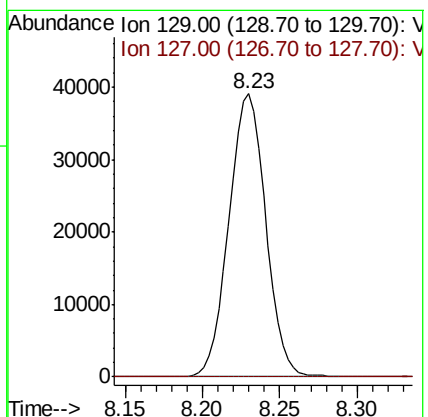
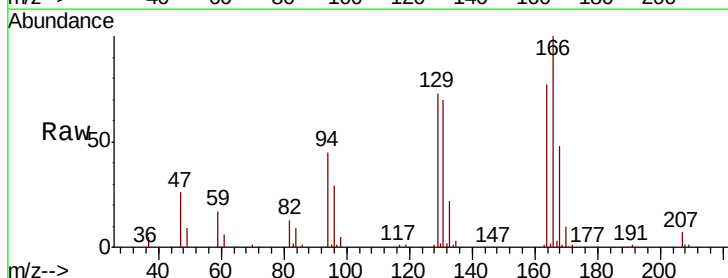
Instrument :
MSVOA_U
ClientSampleId :

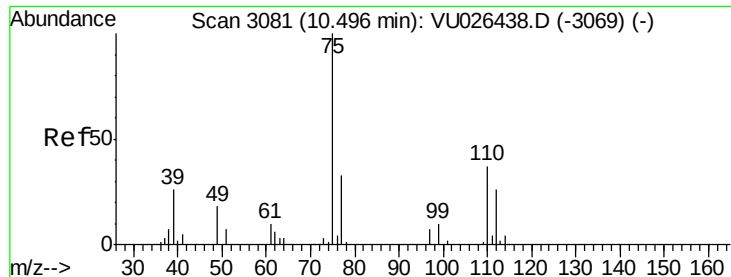
Tot Ion: 43 Resp: 5928
Ion Ratio Lower Upper
43 100
58 26.6 42.2 63.4#
57 28.7 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 55.065 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026446.D
Acq: 30 Aug 2018 15:01

Tgt Ion: 129 Resp: 64510
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.110 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026446.D
 Acq: 30 Aug 2018 15:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7236
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.0 37.6#

