

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026478.D
 Acq On : 31 Aug 2018 03:47
 Operator : MD/SY
 Sample : J4694-17 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:46:13 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	150494	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37850	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.68	69	36071	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.66%
11) 1,1-Dichloroethene-d2	2.27	63	54284	25.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.70%#
21) 2-Butanone-d5	4.18	46	66069	91.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.29%
24) Chloroform-d	4.65	84	72531	41.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.36%
26) 1,2-Dichloroethane-d4	5.31	65	51881	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
32) Benzene-d6	5.35	84	145062	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.33	67	50990	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.57	98	126246	40.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.22%
43) trans-1,3-Dichloropropene-	7.85	79	20853	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.31	63	46900	92.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71723	44.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	50709	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

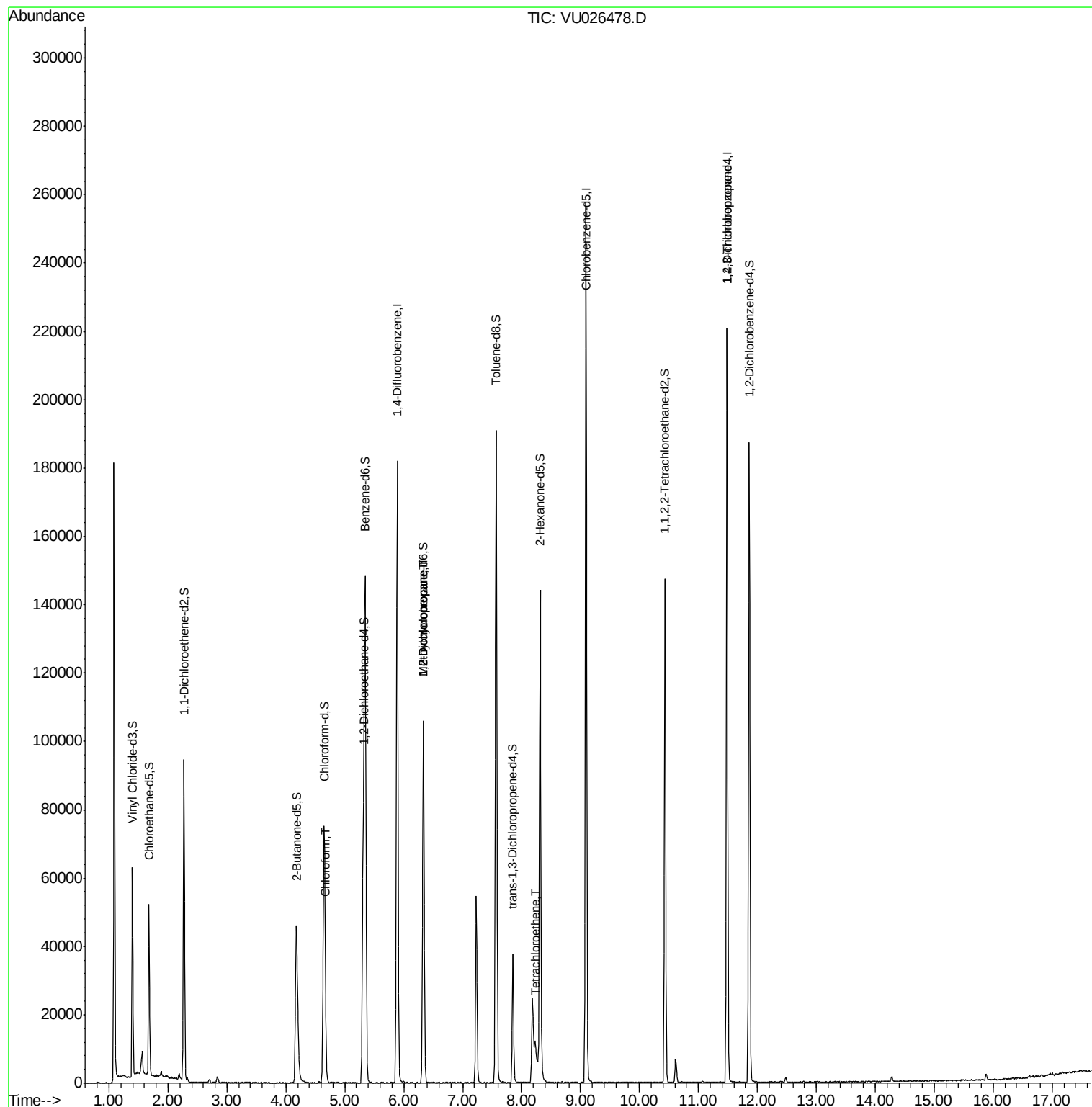
					Ovalue
25) Chloroform	4.68	83	2527	1.296 ug/L	93
35) Methylcyclohexane	6.33	83	11434	7.289 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5374	4.847 ug/L #	88
46) Tetrachloroethene	8.23	164	1354	1.648 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	6979	5.044 ug/L	89

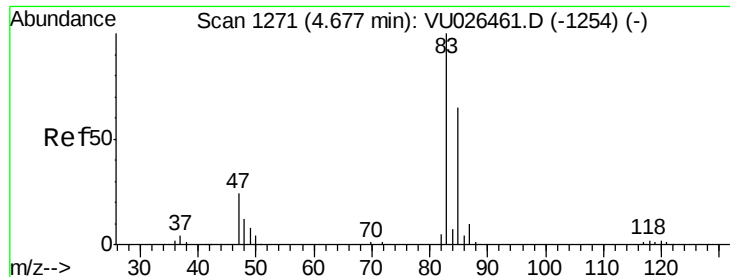
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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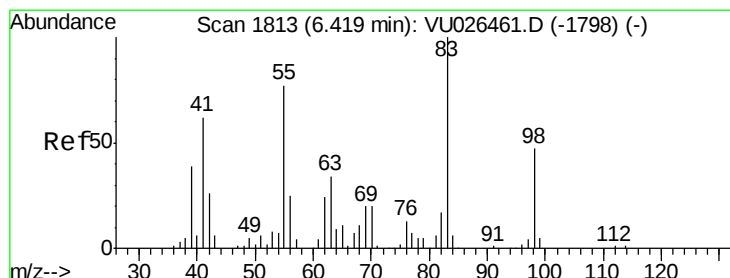
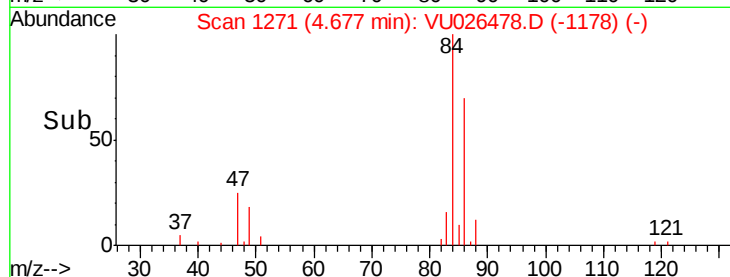
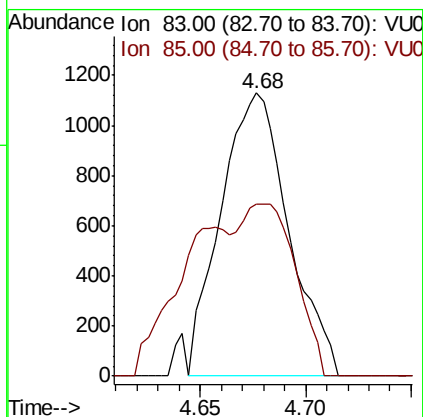
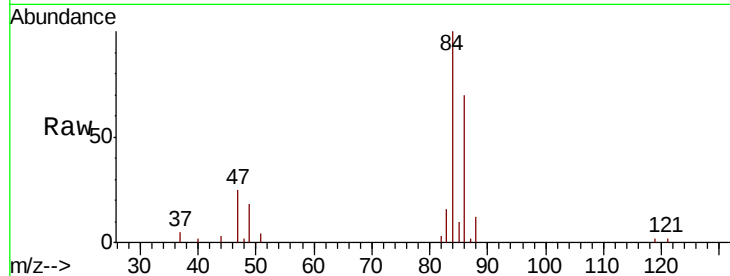




#25
Chloroform
Concen: 1.296 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026478.D
Acq: 31 Aug 2018 03:47

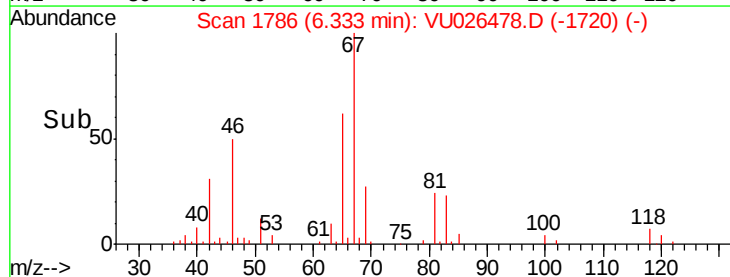
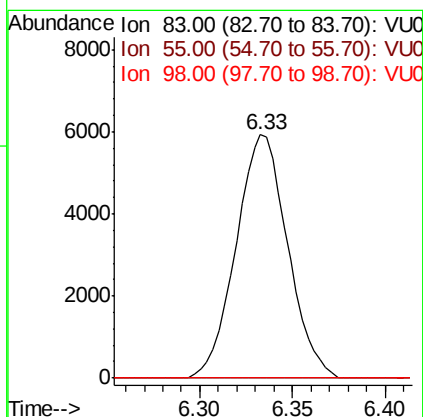
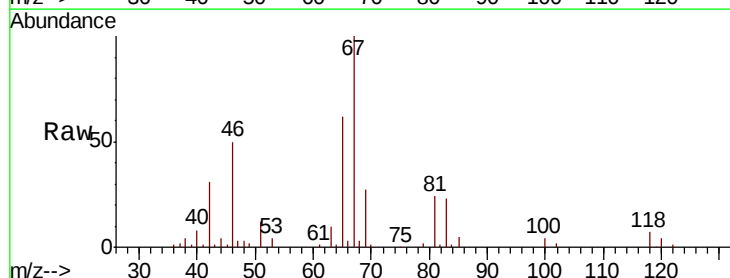
Instrument :
MSVOA_U
ClientSampled :

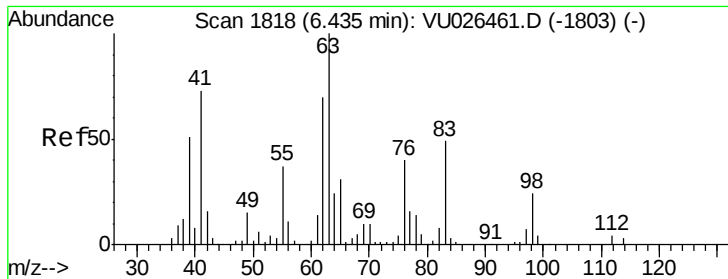
Tot Ion: 83 Resp: 2527
Ion Ratio Lower Upper
83 100
85 60.8 46.5 86.5



#35
Methylcyclohexane
Concen: 7.289 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026478.D
Acq: 31 Aug 2018 03:47

Tgt Ion: 83 Resp: 11434
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

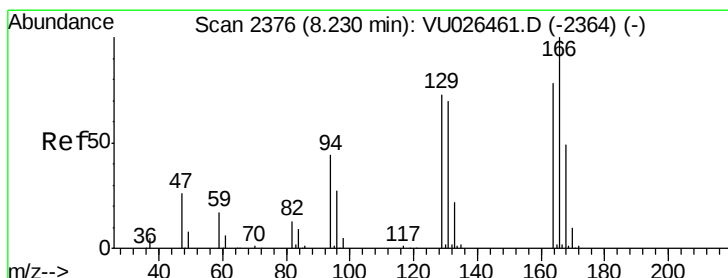
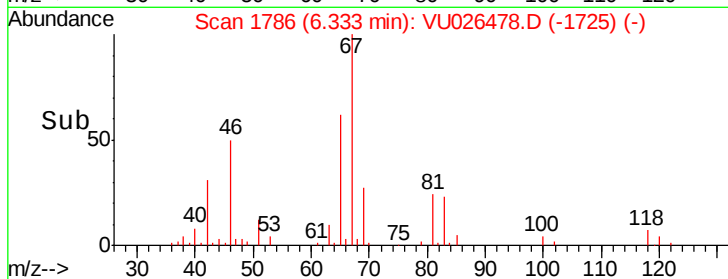
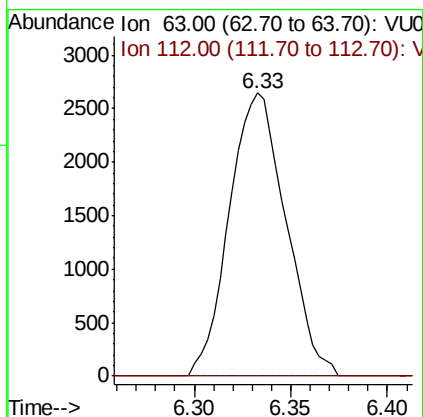
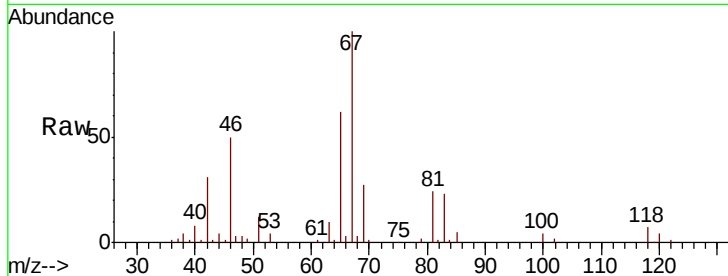




#37
 1,2-Dichloropropane
 Concen: 4.847 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026478.D
 Acq: 31 Aug 2018 03:47

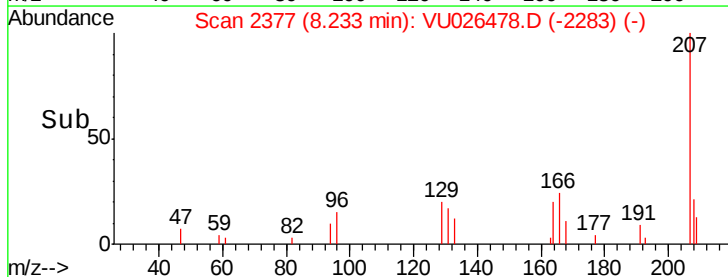
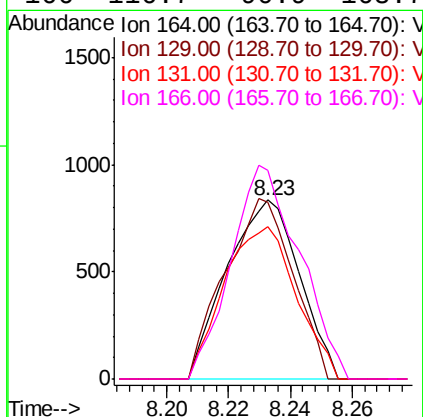
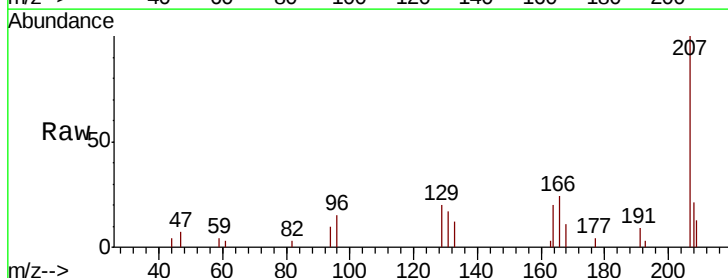
Instrument :
 MSVOA_U
 ClientSampleId :

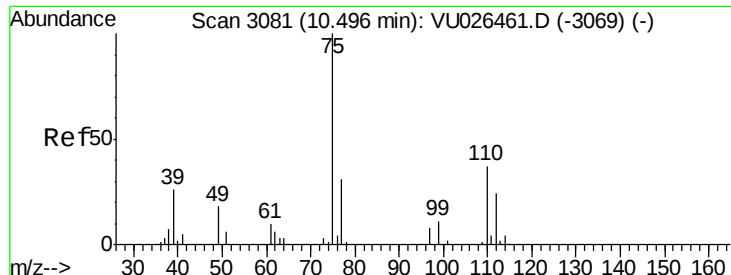
Tot Ion: 63 Resp: 5374
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.648 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU026478.D
 Acq: 31 Aug 2018 03:47

Tgt Ion:164 Resp: 1354
 Ion Ratio Lower Upper
 164 100
 129 98.9 67.3 125.1
 131 85.5 65.3 121.3
 166 116.7 90.9 168.7





#59

1,2,3-Trichloropropane

Concen: 5.044 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026478.D

Acq: 31 Aug 2018 03:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6979

Ion Ratio Lower Upper

75 100

77 37.2 25.0 37.6

