

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026353.D
 Acq On : 24 Aug 2018 22:55
 Operator : MD/SY
 Sample : J4644-01 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:29:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	294760	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74663	41.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.06%
7) Chloroethane-d5	1.68	69	64688	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.24%
11) 1,1-Dichloroethene-d2	2.27	63	117116	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	4.18	46	136927	95.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.65	84	182152	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.31	65	123343	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.35	84	353585	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
36) 1,2-Dichloropropane-d6	6.33	67	116794	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	318224	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%
43) trans-1,3-Dichloropropene-	7.85	79	54281	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.68%
47) 2-Hexanone-d5	8.31	63	93186	86.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.83%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168959	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	140896	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

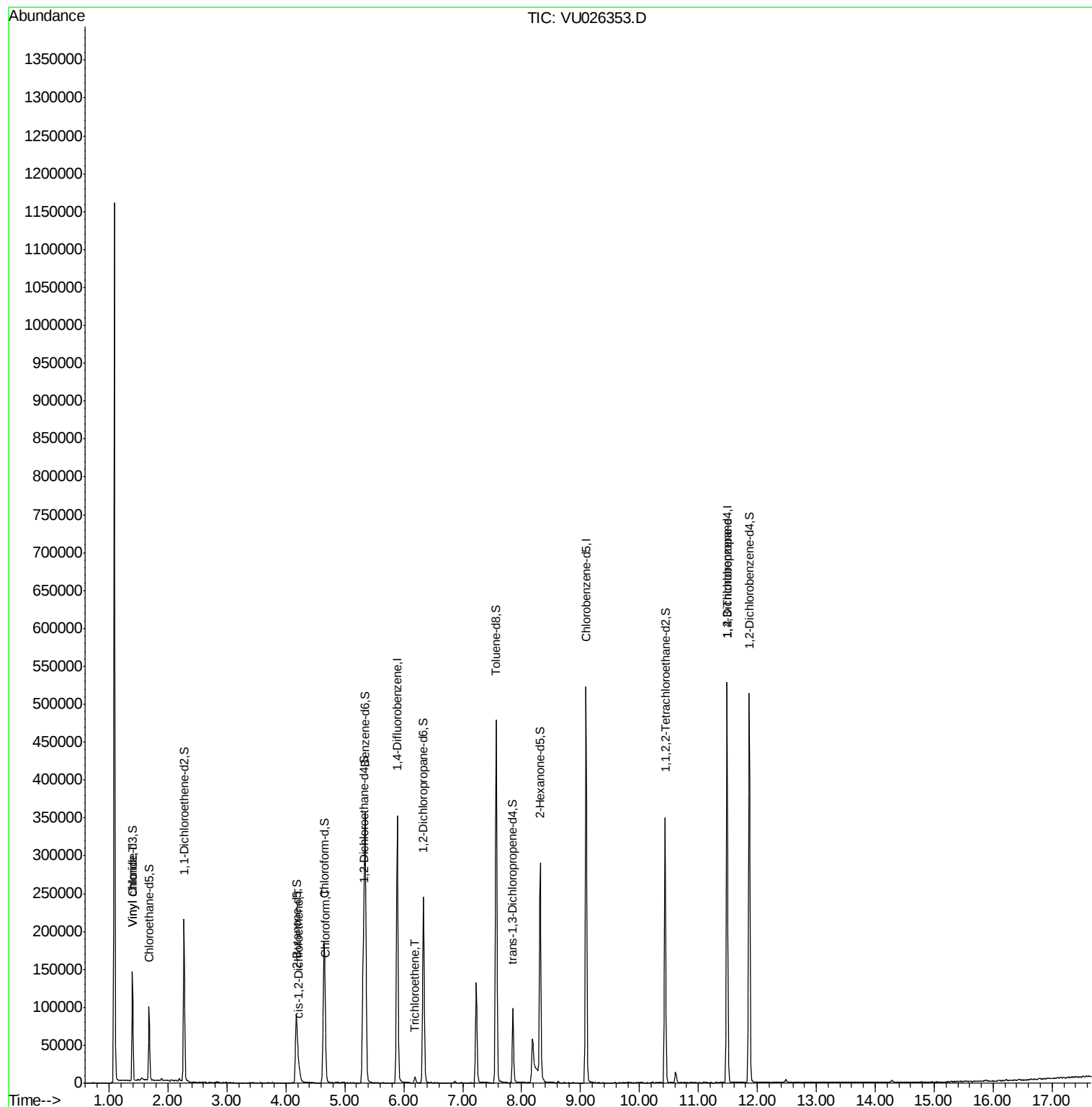
					Ovalue
5) Vinyl chloride	1.40	62	19499	9.069 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	6535	3.096 ug/L	93
25) Chloroform	4.68	83	4900	1.318 ug/L	89
34) Trichloroethene	6.19	95	2879	1.366 ug/L	86
59) 1,2,3-Trichloropropane	11.49	75	15227	5.608 ug/L	92

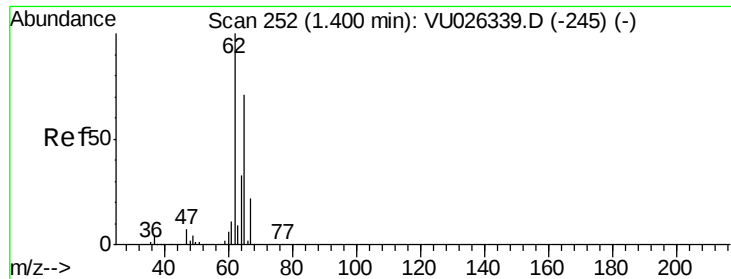
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.069 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026353.D

Acq: 24 Aug 2018 22:55

Instrument :

MSVOA_U

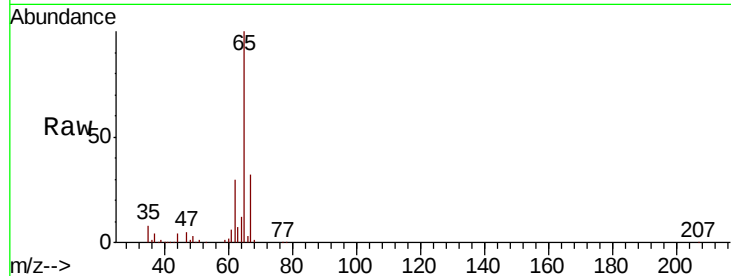
ClientSampleId :

Tot Ion: 62 Resp: 19499

Ion Ratio Lower Upper

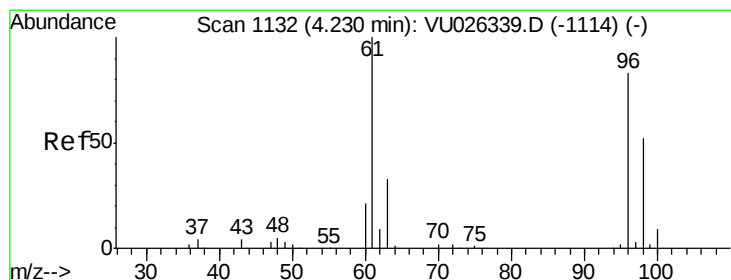
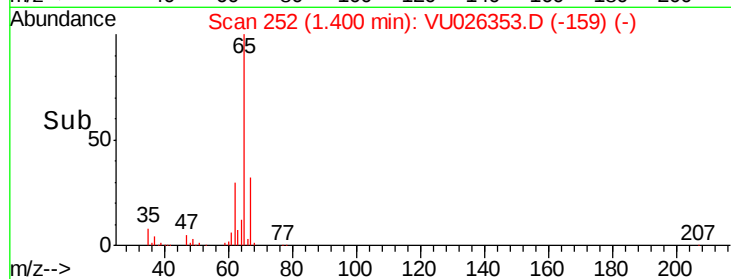
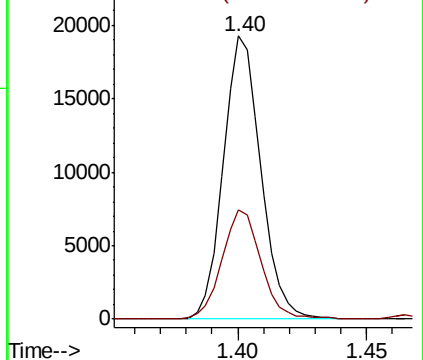
62 100

64 38.6 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 3.096 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026353.D

Acq: 24 Aug 2018 22:55

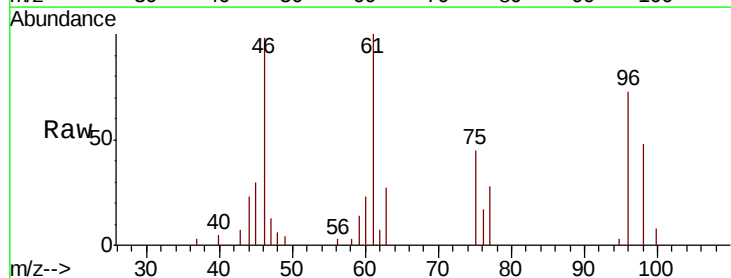
Tgt Ion: 96 Resp: 6535

Ion Ratio Lower Upper

96 100

61 137.0 90.3 167.7

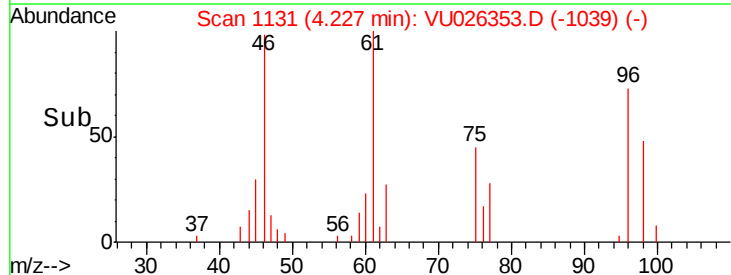
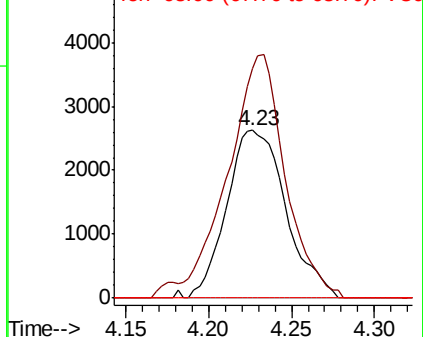
68 0.0 0.0 0.0

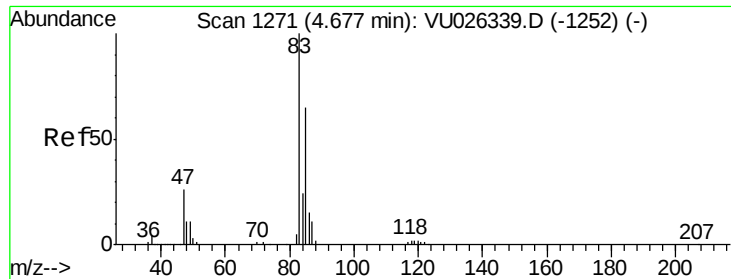


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.318 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026353.D

Acq: 24 Aug 2018 22:55

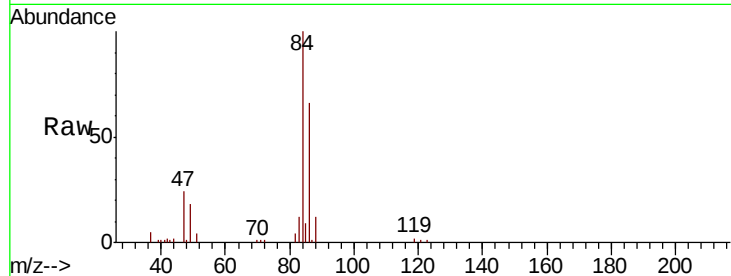
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 4900

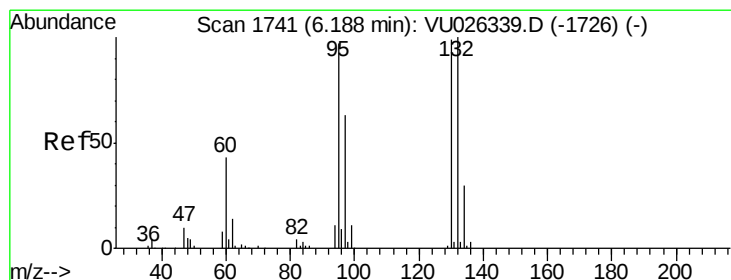
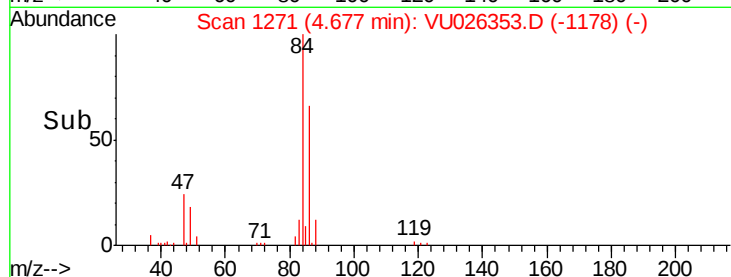
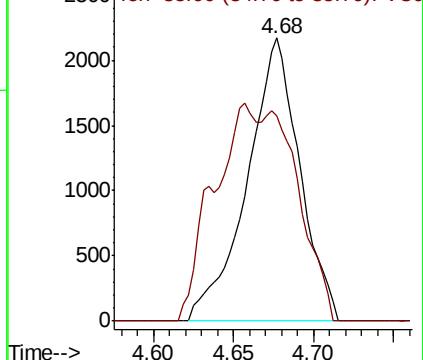
Ion Ratio Lower Upper

83 100

85 72.6 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 1.366 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026353.D

Acq: 24 Aug 2018 22:55

Tgt Ion: 95 Resp: 2879

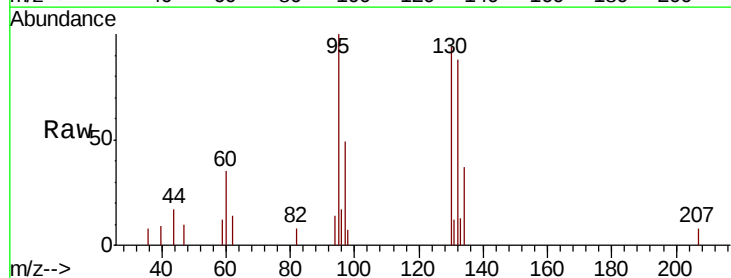
Ion Ratio Lower Upper

95 100

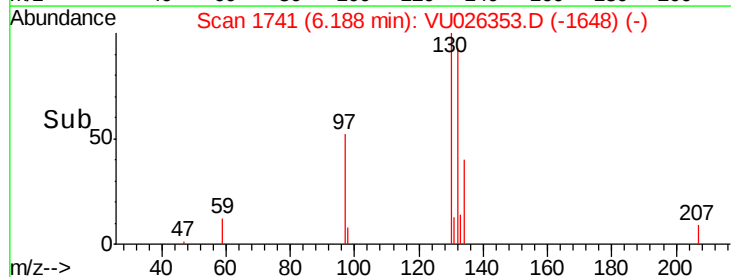
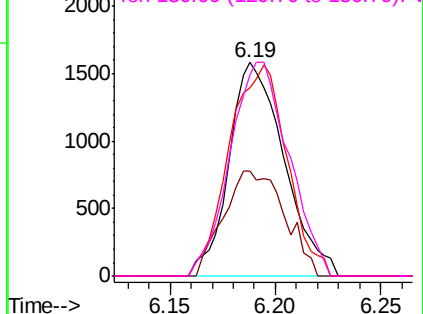
97 49.0 47.2 87.6

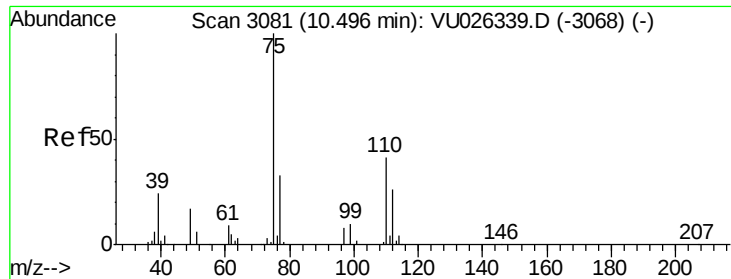
132 87.9 70.2 130.4

130 94.3 73.4 136.4



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





#59

1,2,3-Trichloropropane

Concen: 5.608 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026353.D

Acq: 24 Aug 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 15227

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3

