

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026373.D
 Acq On : 25 Aug 2018 16:02
 Operator : MD/SY
 Sample : J4644-06DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOL7DL

Quant Time: Aug 27 01:32:33 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	319729	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	315317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101693	52.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.30%
7) Chloroethane-d5	1.68	69	83672	52.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.24%
11) 1,1-Dichloroethene-d2	2.27	63	149397	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.96%
21) 2-Butanone-d5	4.18	46	148859	95.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	4.65	84	210086	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	142875	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
32) Benzene-d6	5.35	84	419219	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.33	67	133267	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.57	98	383579	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	7.85	79	64430	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.08%
47) 2-Hexanone-d5	8.31	63	112333	97.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189341	47.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	164119	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%

Target Compounds

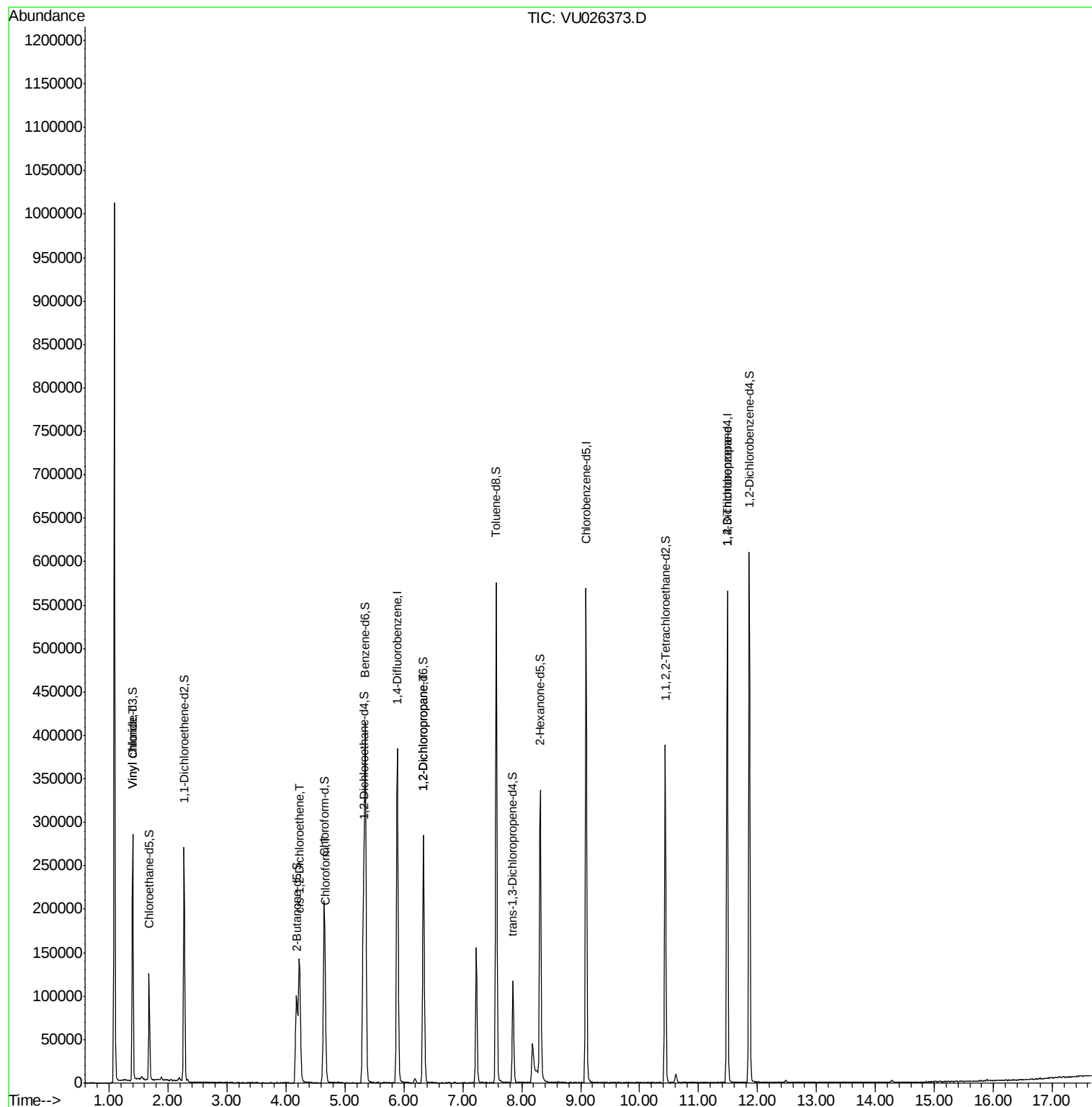
					Ovalue
5) Vinyl chloride	1.40	62	85222	36.54	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	80098	34.98	ug/L 94
25) Chloroform	4.67	83	8788	2.18	ug/L 97
37) 1,2-Dichloropropane	6.33	63	15201	6.47	ug/L # 88
59) 1,2,3-Trichloropropane	11.48	75	17014	5.81	ug/L 92

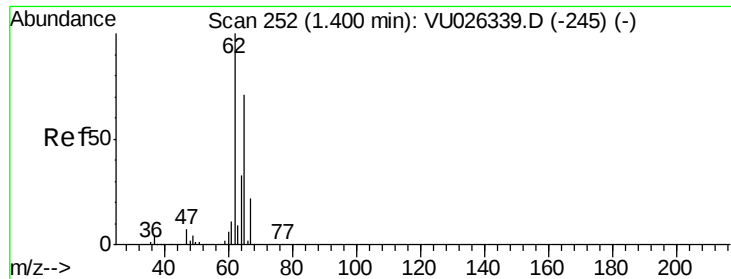
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 36.54 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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ClientSampleId :

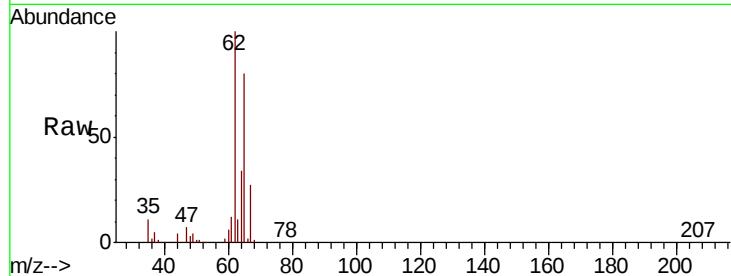
ETOL7DL

Tot Ion: 62 Resp: 85222

Ion Ratio Lower Upper

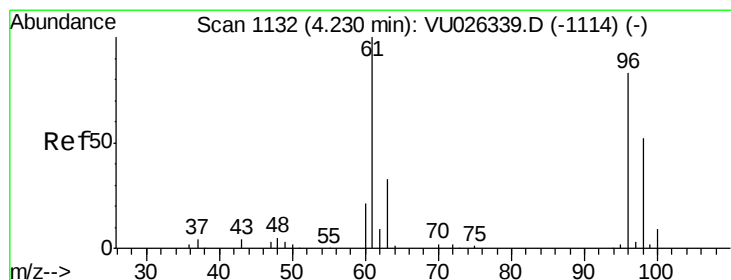
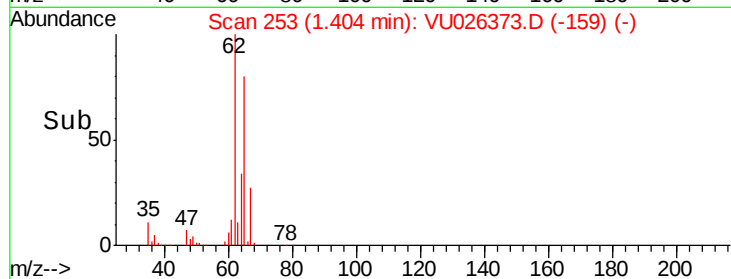
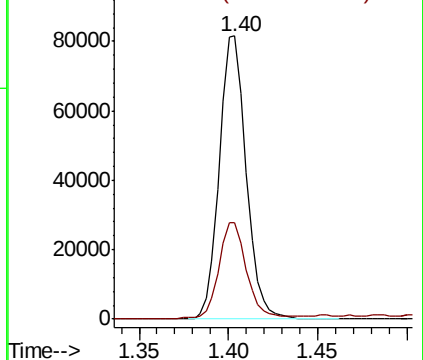
62 100

64 34.1 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: 34.98 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026373.D

Acq: 25 Aug 2018 16:02

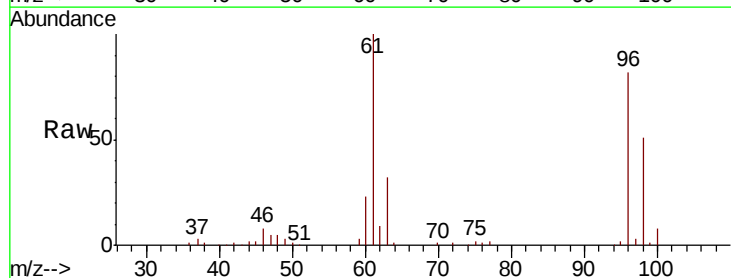
Tgt Ion: 96 Resp: 80098

Ion Ratio Lower Upper

96 100

61 122.4 90.3 167.7

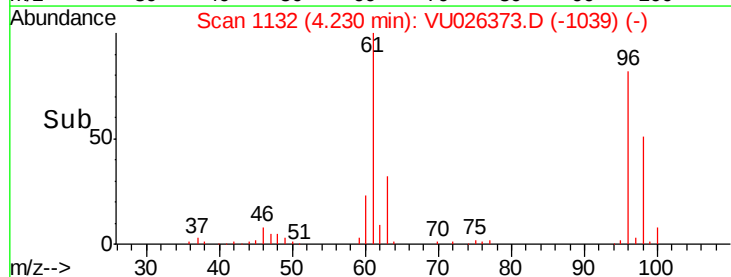
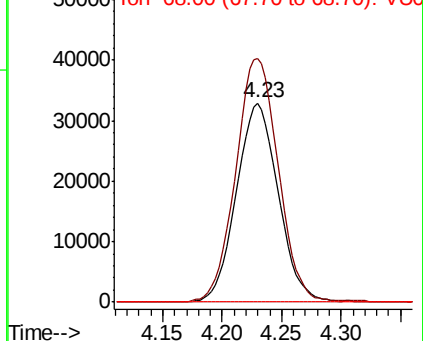
68 0.0 0.0 0.0

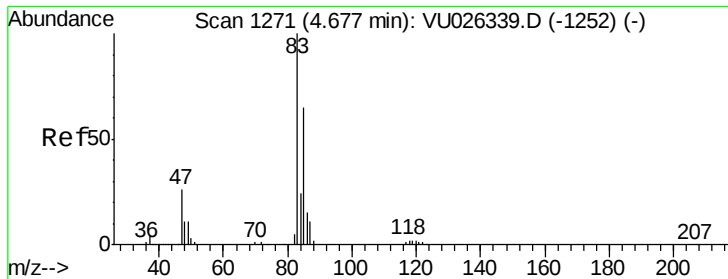


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 2.18 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026373.D

Acq: 25 Aug 2018 16:02

Instrument :

MSVOA_U

ClientSampleId :

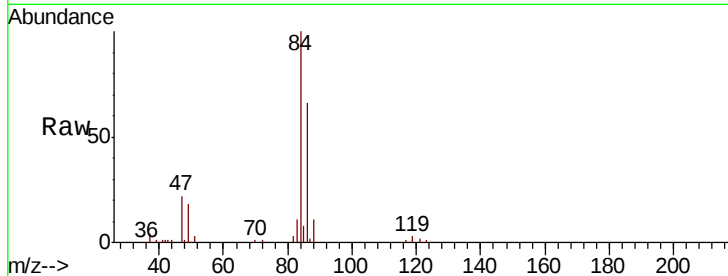
ETOL7DL

Tot Ion: 83 Resp: 8788

Ion Ratio Lower Upper

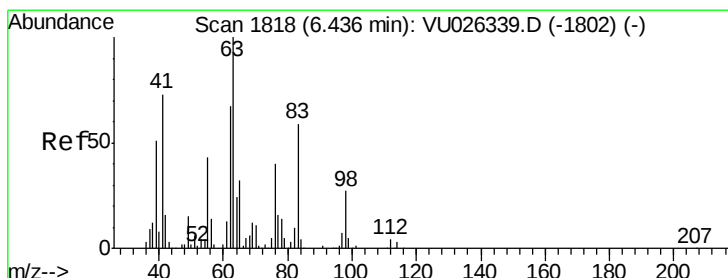
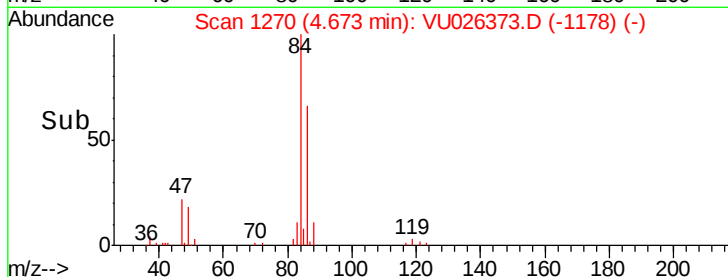
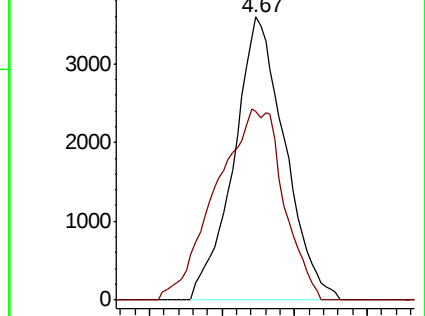
83 100

85 66.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#37

1,2-Dichloropropane

Concen: 6.47 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026373.D

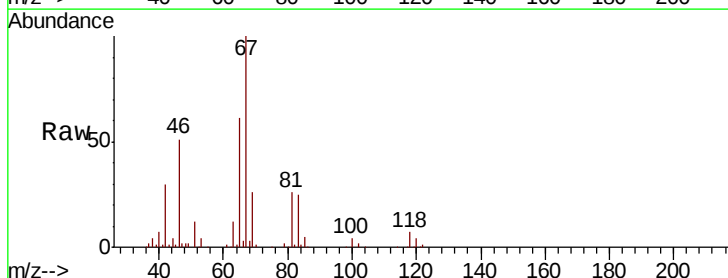
Acq: 25 Aug 2018 16:02

Tgt Ion: 63 Resp: 15201

Ion Ratio Lower Upper

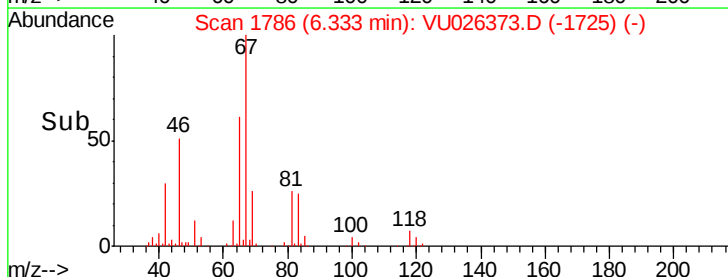
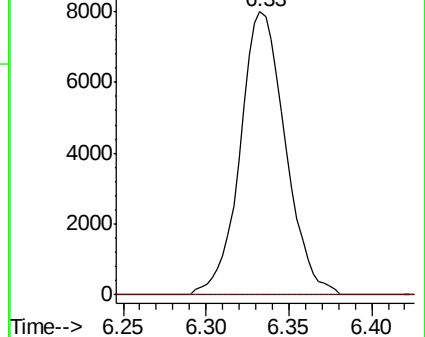
63 100

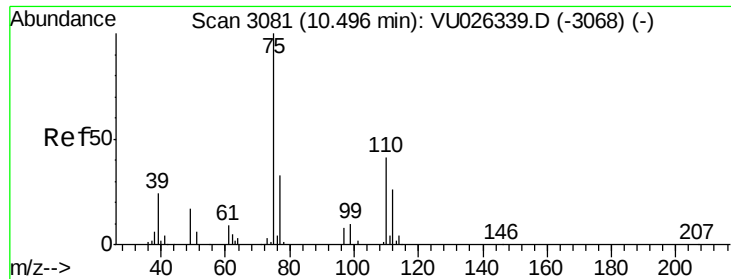
112 0.5 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.81 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026373.D

Acq: 25 Aug 2018 16:02

Instrument :

MSVOA_U

ClientSampleId :

ETOL7DL

Tot Ion: 75 Resp: 17014

Ion Ratio Lower Upper

75 100

77 36.6 25.5 38.3

