

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026379.D
 Acq On : 25 Aug 2018 18:21
 Operator : MD/SY
 Sample : J4644-18DL 800X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM8DL

Quant Time: Aug 27 01:33:17 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	311387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95578	50.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.64%
7) Chloroethane-d5	1.68	69	77102	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.56%
11) 1,1-Dichloroethene-d2	2.27	63	137667	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
21) 2-Butanone-d5	4.18	46	136288	89.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.91%
24) Chloroform-d	4.65	84	191732	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
26) 1,2-Dichloroethane-d4	5.31	65	132804	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.35	84	387704	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.33	67	124866	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.57	98	348702	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.85	79	58538	42.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.40%
47) 2-Hexanone-d5	8.31	63	100429	87.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	171704	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	152902	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

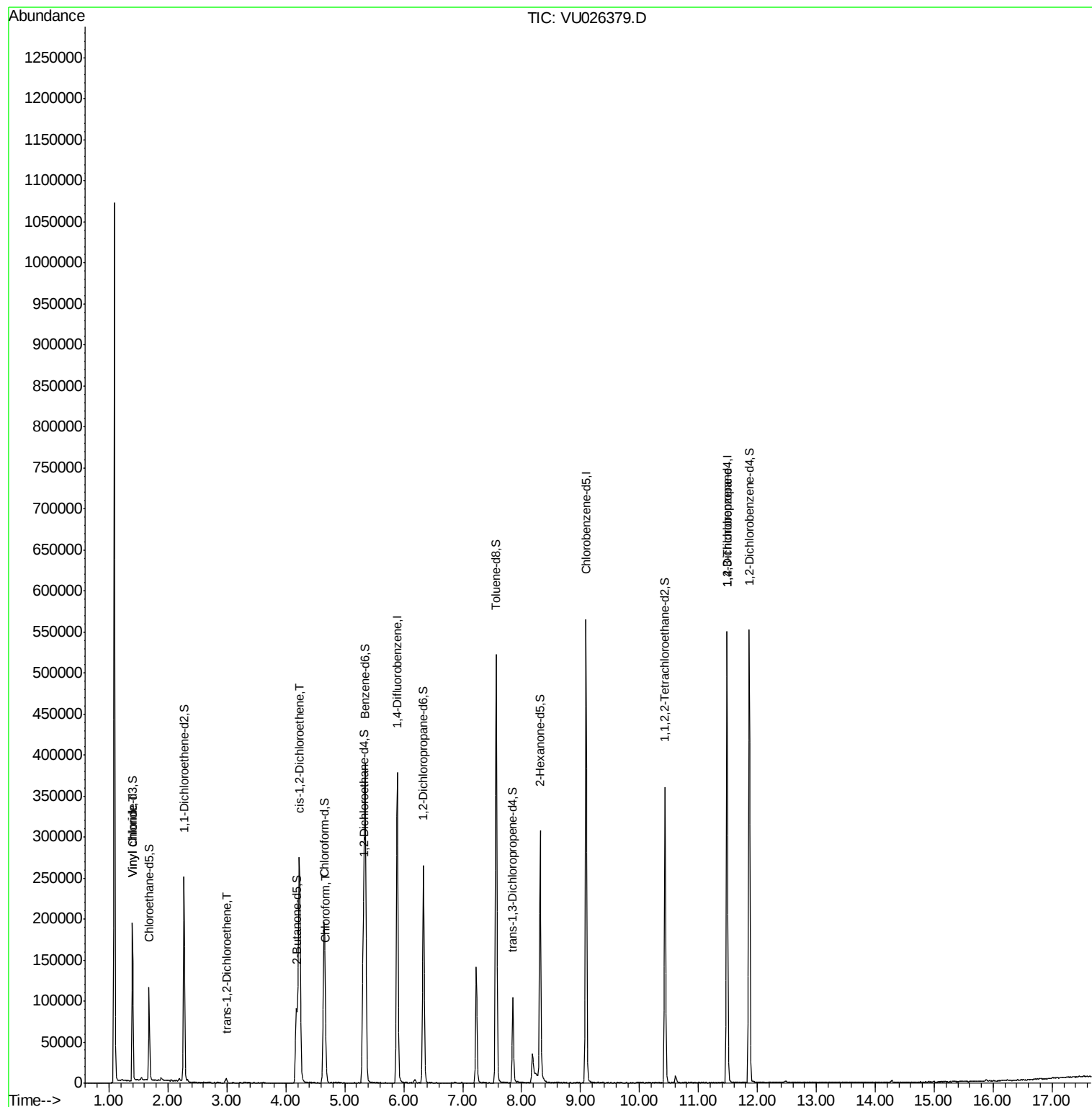
						Ovalue
5) Vinyl chloride	1.40	62	32460	14.29	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	2551	1.26	ug/L	86
20) cis-1,2-Dichloroethene	4.23	96	155910	69.92	ug/L	97
25) Chloroform	4.68	83	10547	2.69	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	15620	5.38	ug/L #	80

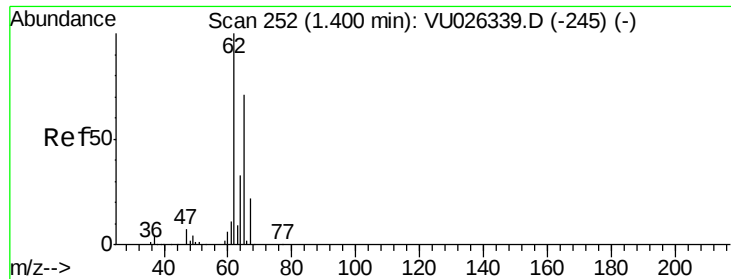
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 04:25:01 2018
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#5

Vinyl chloride

Concen: 14.29 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026379.D

Acq: 25 Aug 2018 18:21

Instrument :

MSVOA_U

ClientSampled :

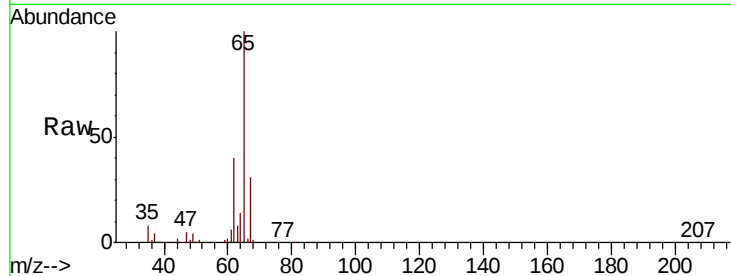
ETOM8DL

Tot Ion: 62 Resp: 32460

Ion Ratio Lower Upper

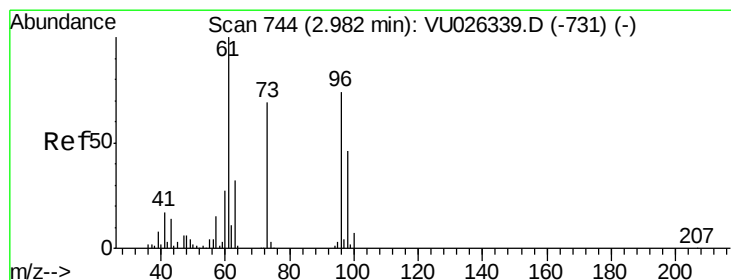
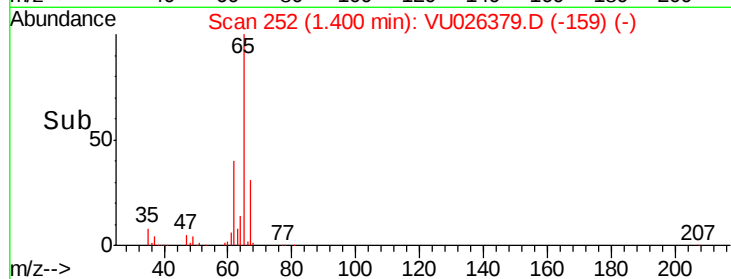
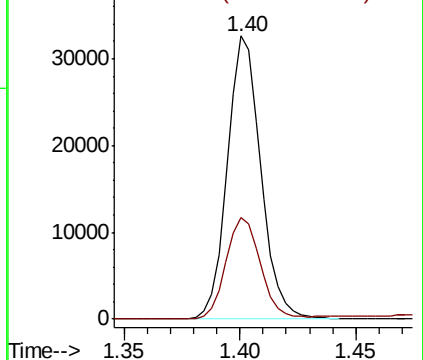
62 100

64 36.1 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.26 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.01 min

Lab File: VU026379.D

Acq: 25 Aug 2018 18:21

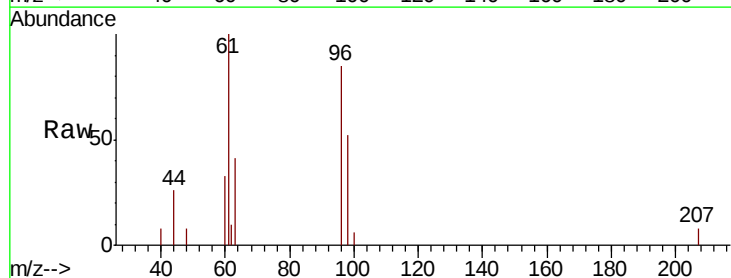
Tgt Ion: 96 Resp: 2551

Ion Ratio Lower Upper

96 100

61 117.6 97.9 181.9

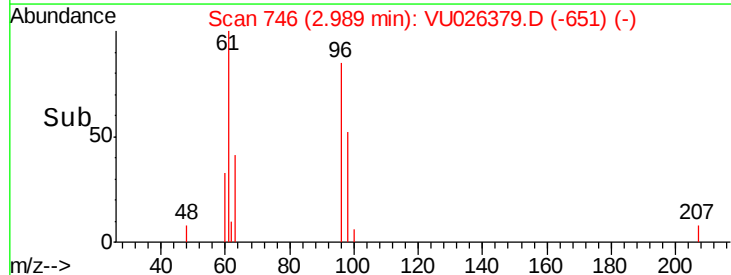
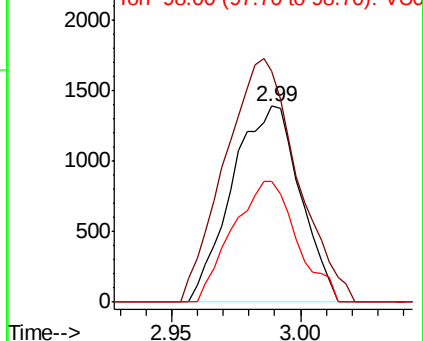
98 61.7 45.1 83.7

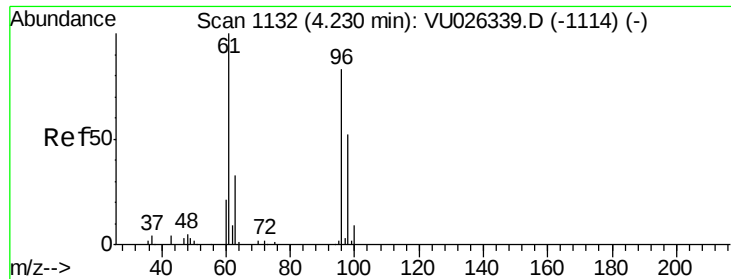


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 69.92 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026379.D

Acq: 25 Aug 2018 18:21

Instrument :

MSVOA_U

ClientSampleId :

ETOM8DL

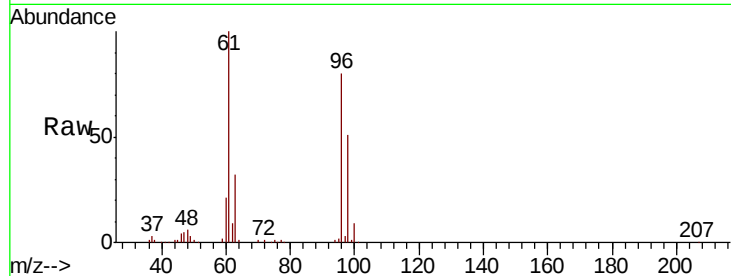
Tot Ion: 96 Resp: 155910

Ion Ratio Lower Upper

96 100

61 125.4 90.3 167.7

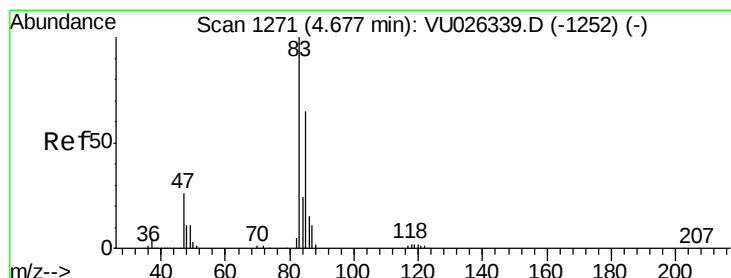
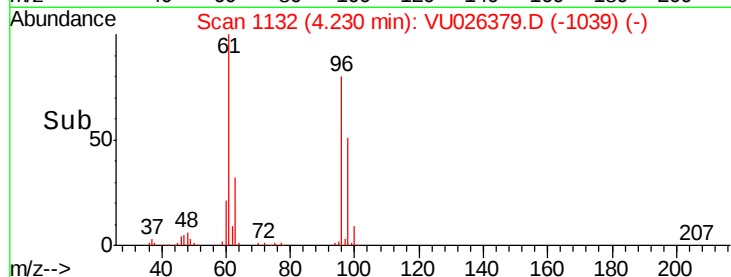
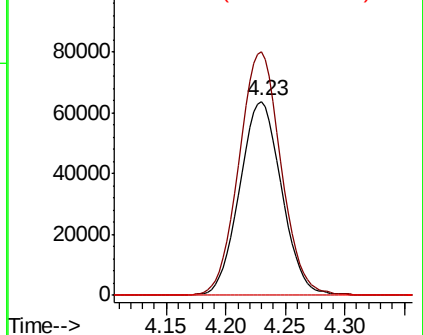
68 0.0 0.0 0.0



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: 2.69 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026379.D

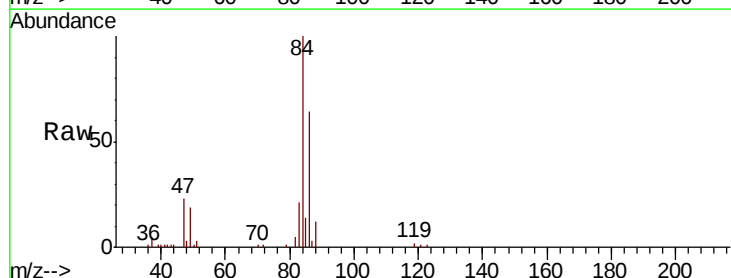
Acq: 25 Aug 2018 18:21

Tgt Ion: 83 Resp: 10547

Ion Ratio Lower Upper

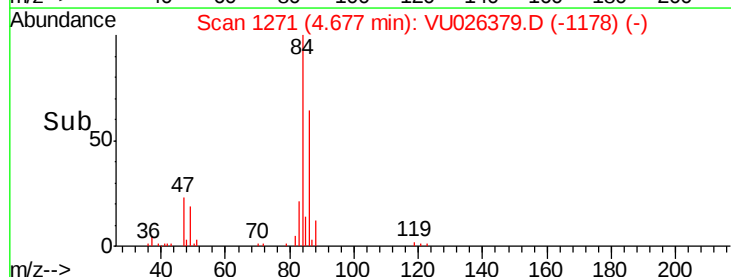
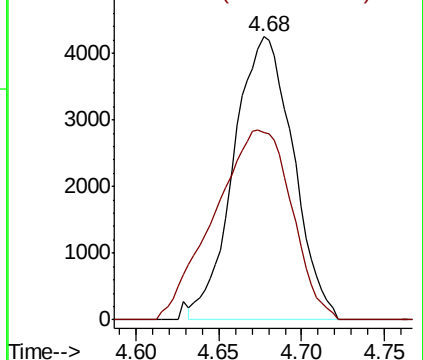
83 100

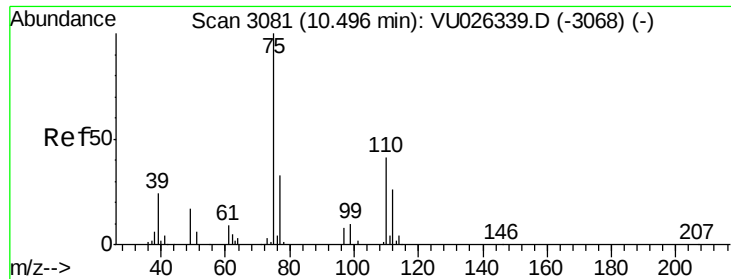
85 66.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.38 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026379.D

Acq: 25 Aug 2018 18:21

Instrument :

MSVOA_U

ClientSampleId :

ETOM8DL

Tot Ion: 75 Resp: 15620

Ion Ratio Lower Upper

75 100

77 43.2 25.5 38.3#

