

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026375.D
 Acq On : 25 Aug 2018 16:48
 Operator : MD/SY
 Sample : J4644-11DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM1DL

Quant Time: Aug 27 01:32:48 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	314451	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96676	50.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.82%
7) Chloroethane-d5	1.68	69	77466	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.27	63	141687	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.18%
21) 2-Butanone-d5	4.18	46	143476	93.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.73%
24) Chloroform-d	4.65	84	190828	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.31	65	131772	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
32) Benzene-d6	5.35	84	396323	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.33	67	126795	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.57	98	361704	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.85	79	60370	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.31	63	106396	93.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.39%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176730	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	153285	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

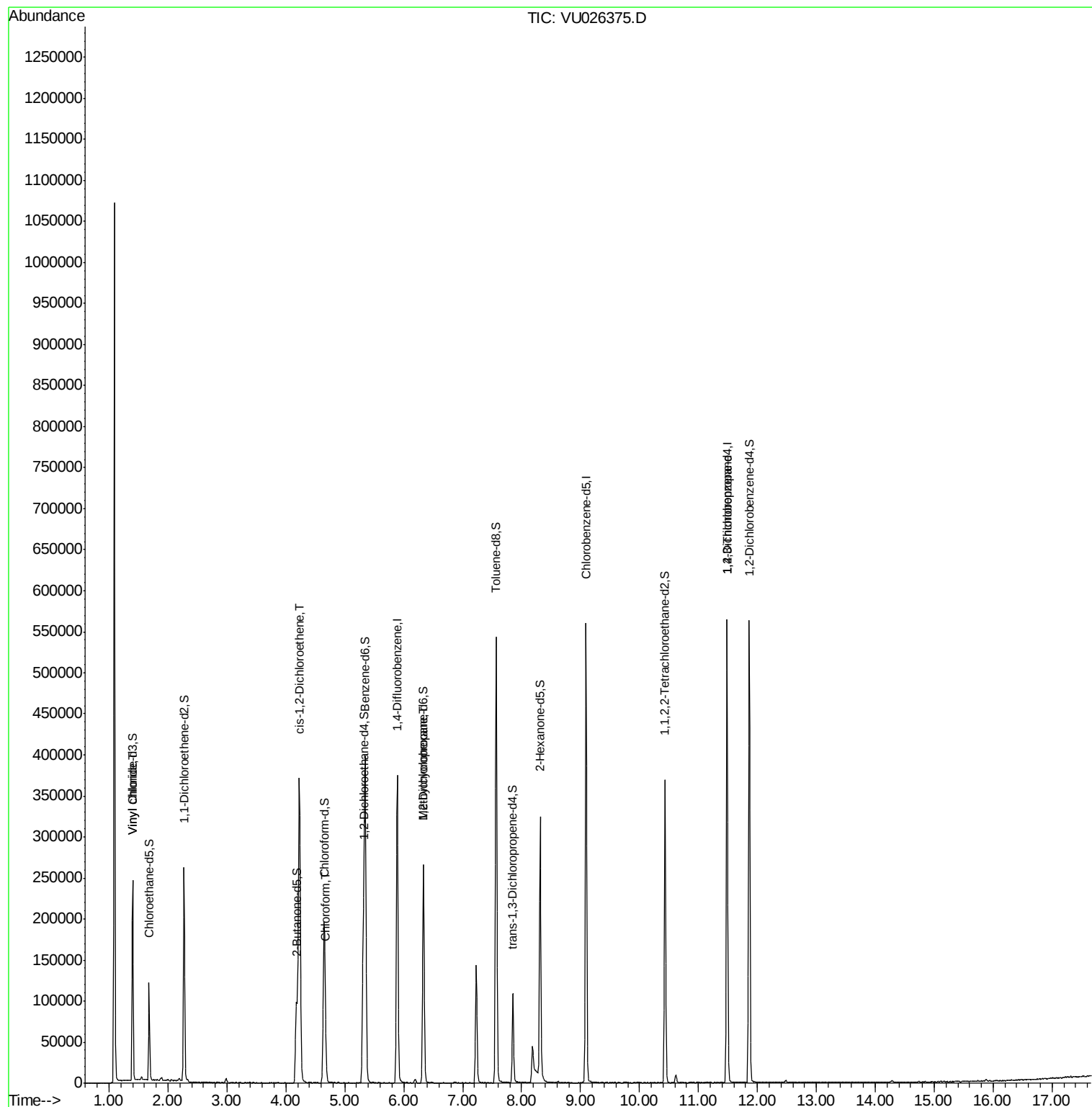
					Ovalue
5) Vinyl chloride	1.40	62	70319	30.66	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	209429	93.01	ug/L 96
25) Chloroform	4.68	83	13166	3.32	ug/L 100
35) Methylcyclohexane	6.33	83	29470	8.61	ug/L # 19
59) 1,2,3-Trichloropropane	11.48	75	16510	5.73	ug/L 92

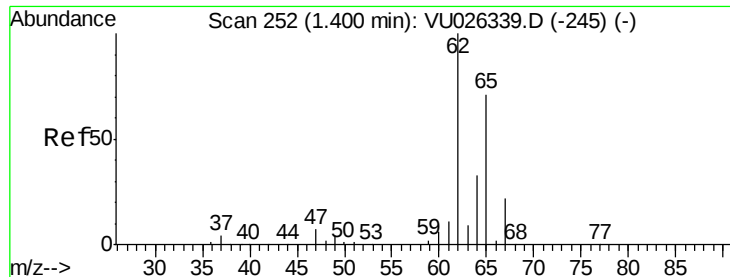
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 30.66 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Acq: 25 Aug 2018 16:48

Instrument :

MSVOA_U

ClientSampleId :

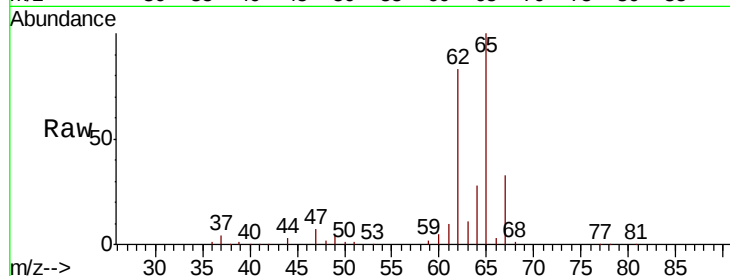
ETOM1DL

Tot Ion: 62 Resp: 70319

Ion Ratio Lower Upper

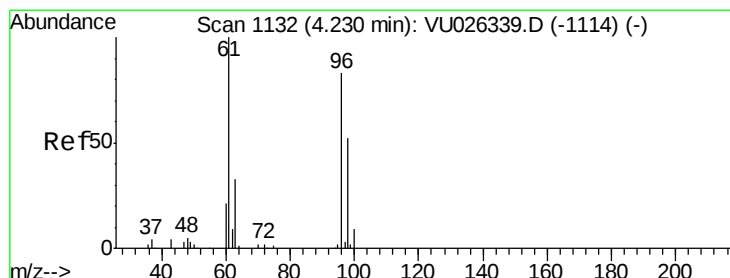
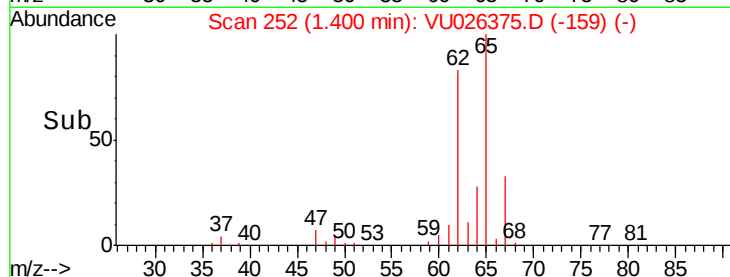
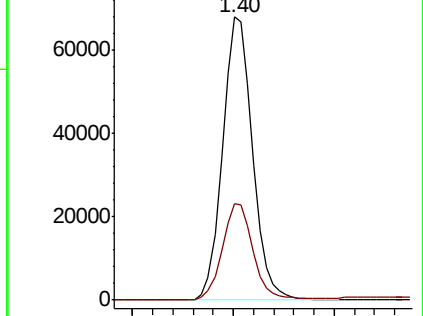
62 100

64 33.9 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: 93.01 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026375.D

Acq: 25 Aug 2018 16:48

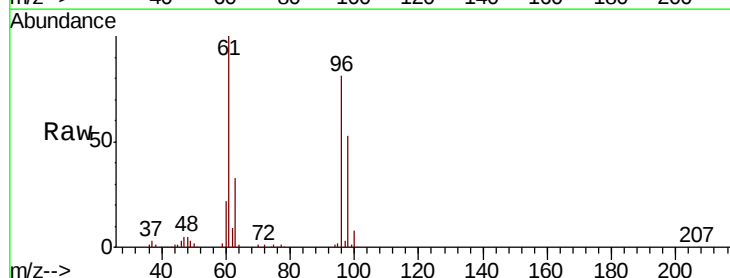
Tgt Ion: 96 Resp: 209429

Ion Ratio Lower Upper

96 100

61 123.8 90.3 167.7

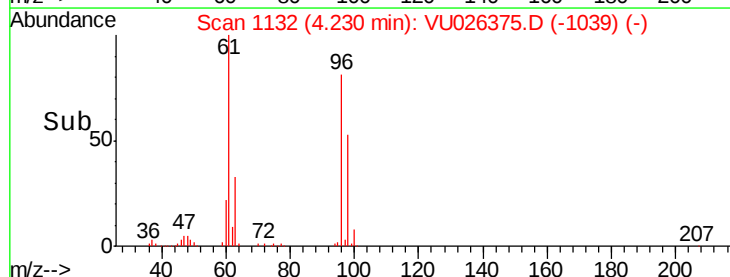
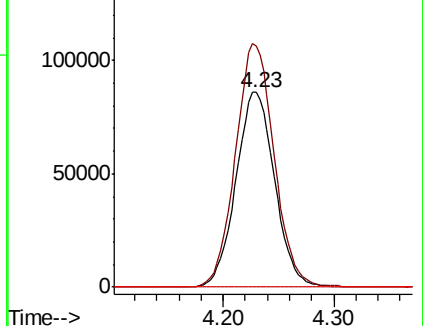
68 0.0 0.0 0.0

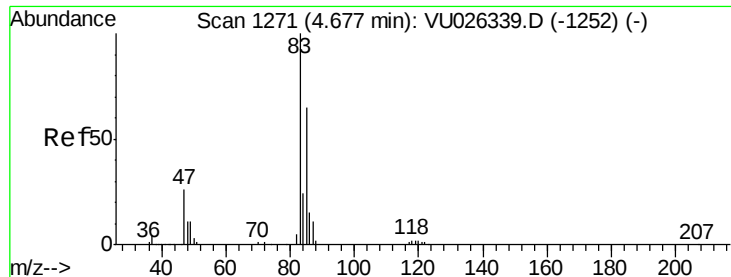


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 3.32 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

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Acq: 25 Aug 2018 16:48

Instrument :

MSVOA_U

ClientSampleId :

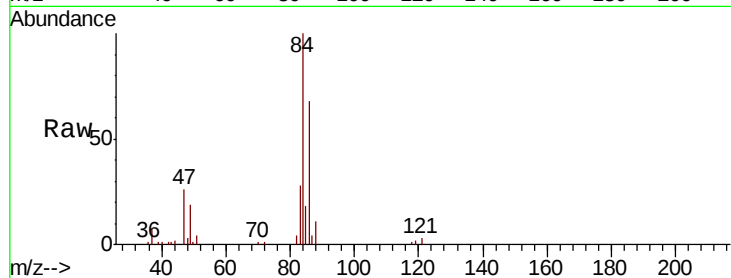
ETOM1DL

Tot Ion: 83 Resp: 13166

Ion Ratio Lower Upper

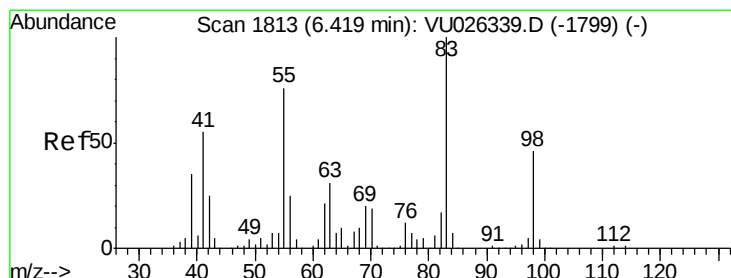
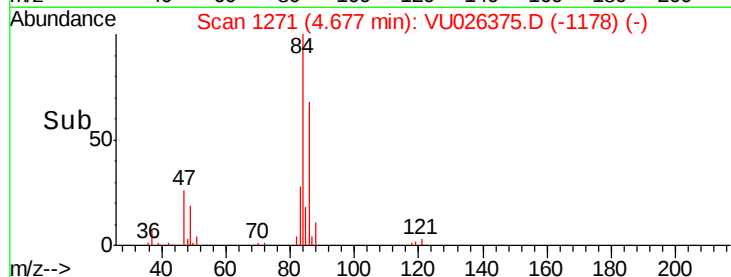
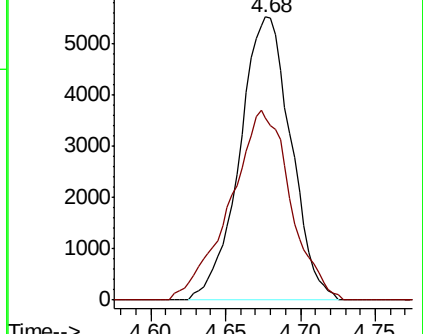
83 100

85 64.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 8.61 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026375.D

Acq: 25 Aug 2018 16:48

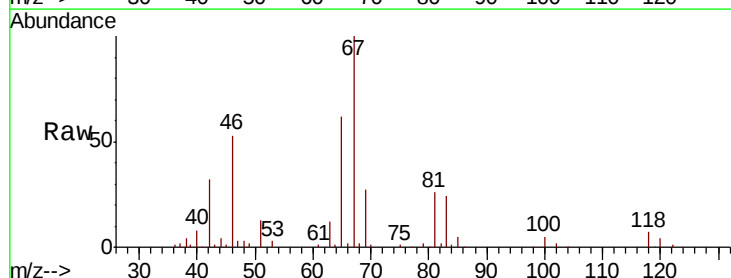
Tgt Ion: 83 Resp: 29470

Ion Ratio Lower Upper

83 100

55 0.0 60.6 91.0#

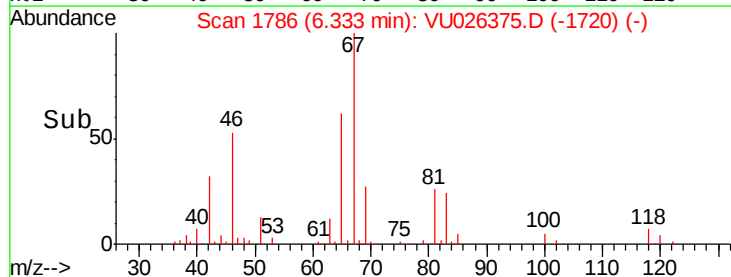
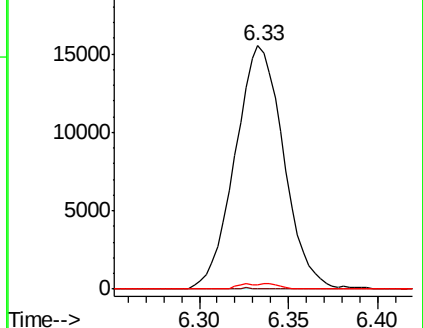
98 0.8 36.8 55.2#

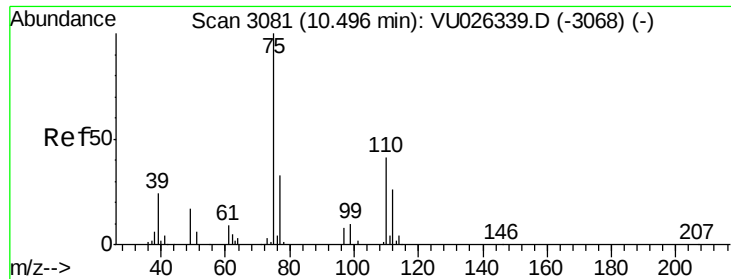


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.73 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026375.D

Acq: 25 Aug 2018 16:48

Instrument :

MSVOA_U

ClientSampleId :

ETOM1DL

Tot Ion: 75 Resp: 16510

Ion Ratio Lower Upper

75 100

77 36.2 25.5 38.3

