

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026348.D
 Acq On : 24 Aug 2018 20:59
 Operator : MD/SY
 Sample : J4644-15 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 04:28:51 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	286955	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70227	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.24%
7) Chloroethane-d5	1.68	69	62528	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.27	63	112003	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.12%
21) 2-Butanone-d5	4.18	46	141291	101.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.65	84	181678	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
26) 1,2-Dichloroethane-d4	5.31	65	123040	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.35	84	340894	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
36) 1,2-Dichloropropane-d6	6.33	67	114374	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.36%
41) Toluene-d8	7.57	98	304043	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	7.85	79	53363	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.31	63	97027	93.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164974	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	136368	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%

Target Compounds

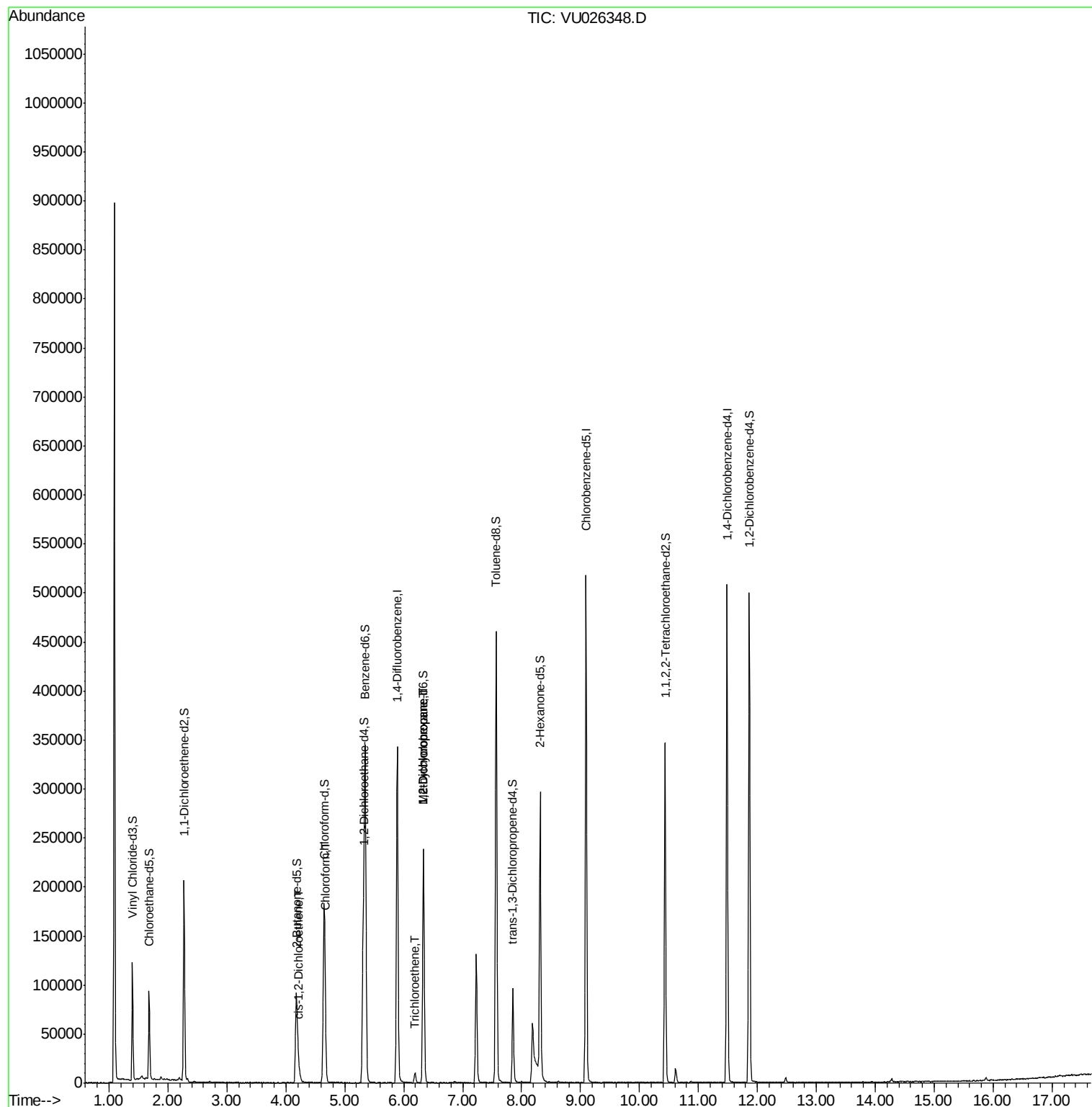
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	3503	1.705 ug/L	94
25) Chloroform	4.67	83	4734	1.308 ug/L	81
34) Trichloroethene	6.19	95	3768	1.852 ug/L	90
35) Methylcyclohexane	6.33	83	27505	8.841 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12460	5.926 ug/L #	89

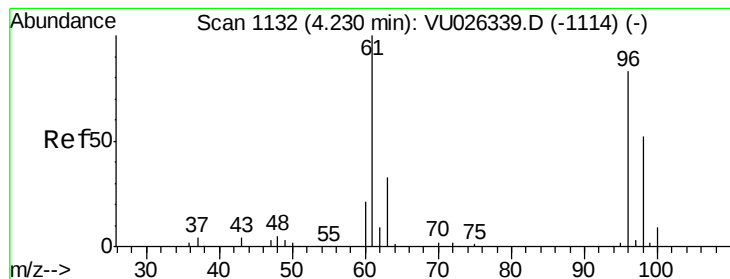
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.705 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026348.D

Acq: 24 Aug 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

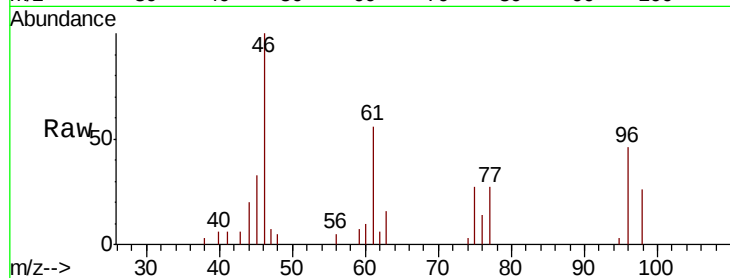
Tot Ion: 96 Resp: 3503

Ion Ratio Lower Upper

96 100

61 122.0 90.3 167.7

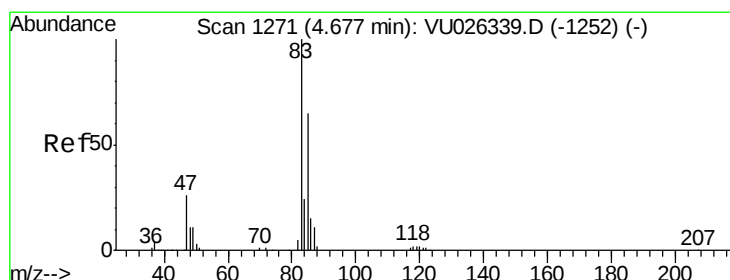
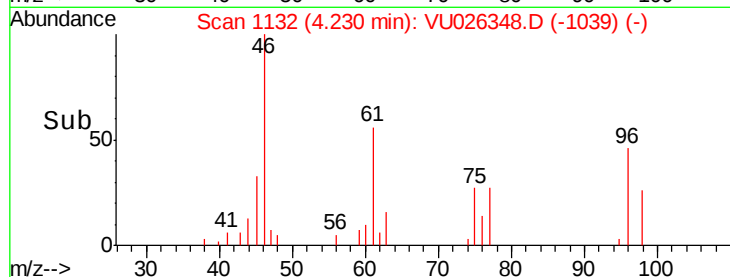
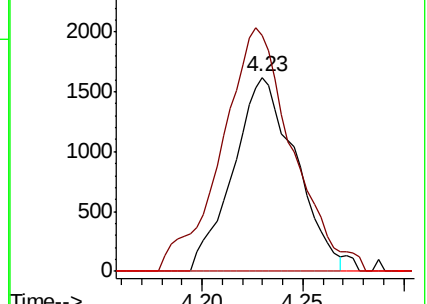
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026339.D (-1114) (-)

Ion 61.00 (60.70 to 61.70): VU026339.D (-1114) (-)

Ion 68.00 (67.70 to 68.70): VU026339.D (-1114) (-)



#25

Chloroform

Concen: 1.308 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026348.D

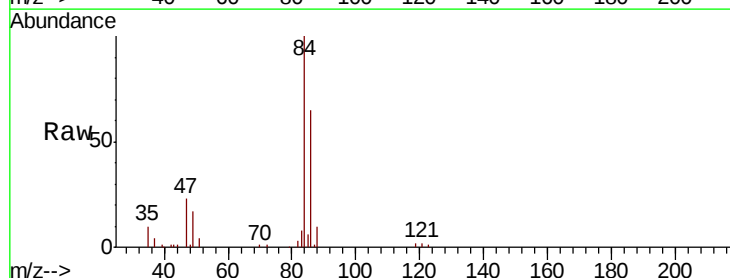
Acq: 24 Aug 2018 20:59

Tgt Ion: 83 Resp: 4734

Ion Ratio Lower Upper

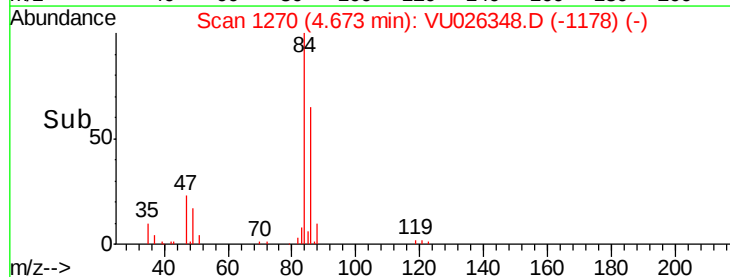
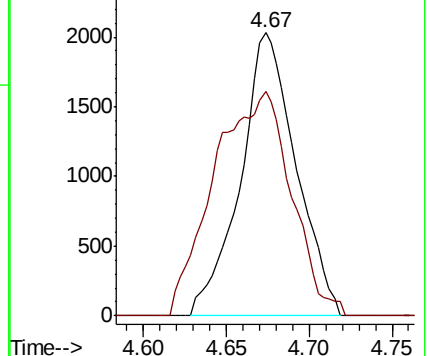
83 100

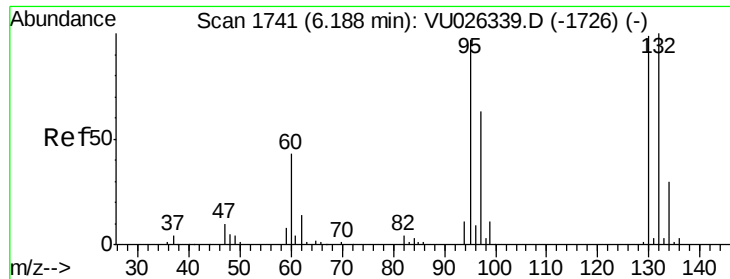
85 79.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU026339.D (-1252) (-)

Ion 85.00 (84.70 to 85.70): VU026339.D (-1252) (-)





#34

Trichloroethene

Concen: 1.852 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026348.D

Acq: 24 Aug 2018 20:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 3768

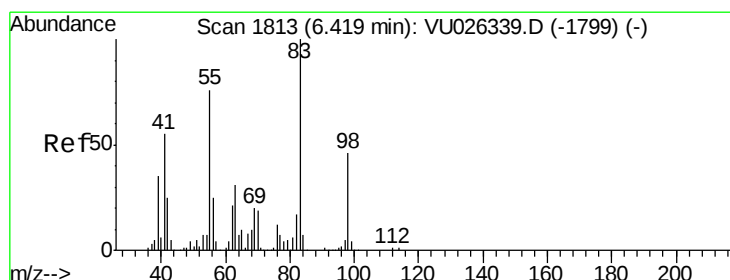
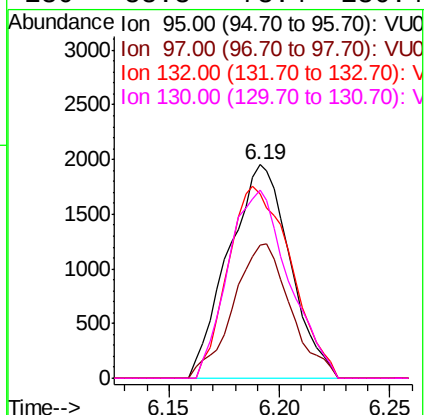
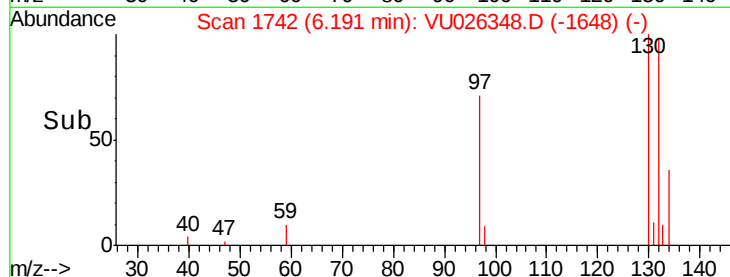
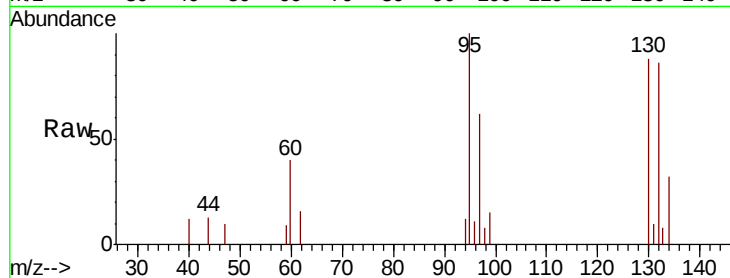
Ion Ratio Lower Upper

95 100

97 62.4 47.2 87.6

132 94.9 70.2 130.4

130 88.3 73.4 136.4



#35

Methylcyclohexane

Concen: 8.841 ug/L

RT: 6.33 min Scan# 1785

Delta R.T. -0.09 min

Lab File: VU026348.D

Acq: 24 Aug 2018 20:59

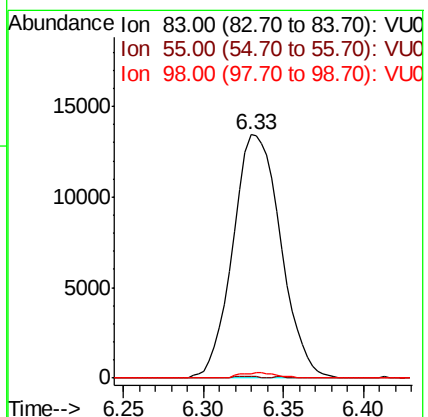
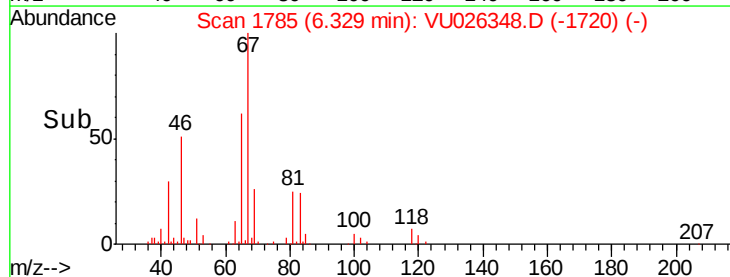
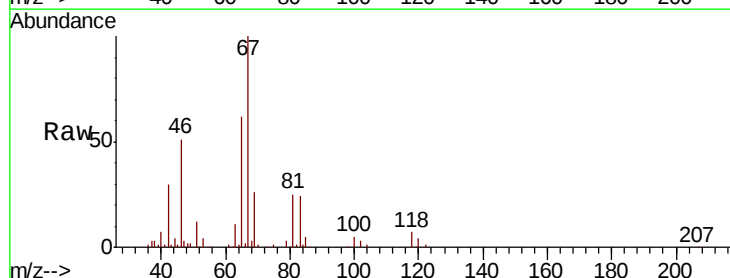
Tgt Ion: 83 Resp: 27505

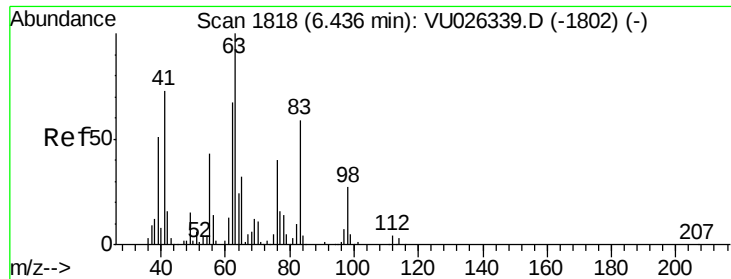
Ion Ratio Lower Upper

83 100

55 0.3 60.6 91.0#

98 1.6 36.8 55.2#





#37
 1,2-Dichloropropane
 Concen: 5.926 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026348.D
 Acq: 24 Aug 2018 20:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 12460
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#

