

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026377.D
 Acq On : 25 Aug 2018 17:35
 Operator : MD/SY
 Sample : J4644-14DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM4DL

Quant Time: Aug 27 01:33:01 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	310233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309916	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145694	50.00	ug/L	0.00

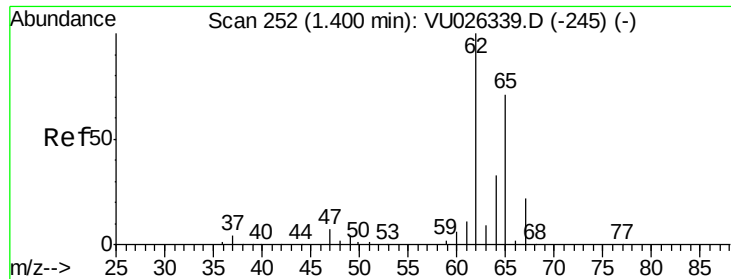
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94158	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.68	69	76427	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.27	63	138033	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	4.18	46	145951	96.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.65	84	188872	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	5.31	65	132834	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.35	84	387130	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.33	67	122926	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.36%
41) Toluene-d8	7.57	98	349342	44.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.16%
43) trans-1,3-Dichloropropene-	7.85	79	58256	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
47) 2-Hexanone-d5	8.31	63	105786	92.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	176195	44.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	151703	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	114363	50.54	ug/L 100
20) cis-1,2-Dichloroethene	4.23	96	95725	43.09	ug/L 94
25) Chloroform	4.68	83	14475	3.70	ug/L 93
35) Methylcyclohexane	6.33	83	29879	8.75	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	14533	6.29	ug/L # 89
59) 1,2,3-Trichloropropane	11.48	75	16228	5.64	ug/L # 86

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



#5

Vinyl chloride

Concen: 50.54 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026377.D

Acq: 25 Aug 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

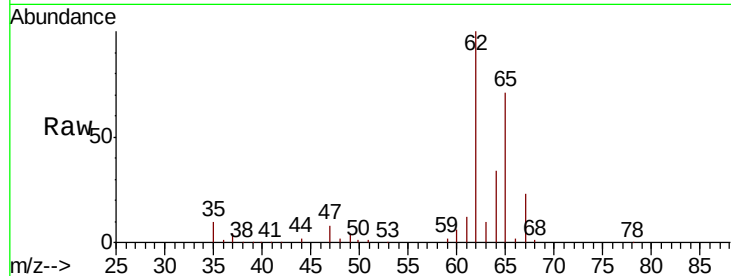
ETOM4DL

Tot Ion: 62 Resp: 114363

Ion Ratio Lower Upper

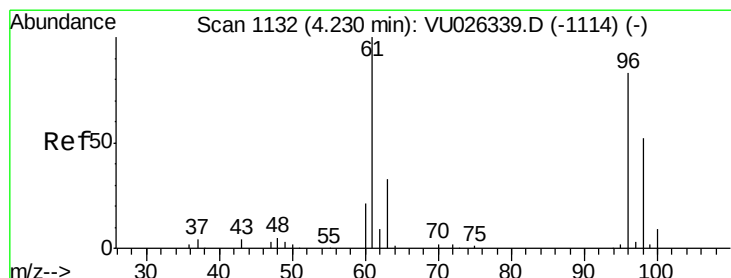
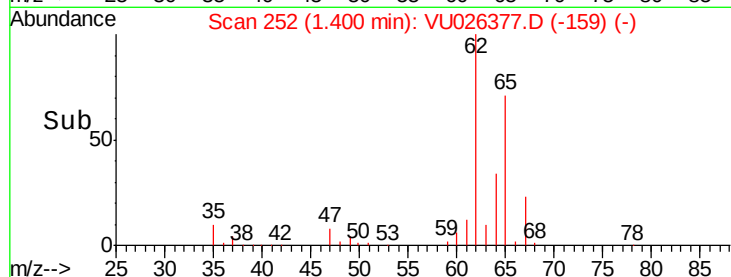
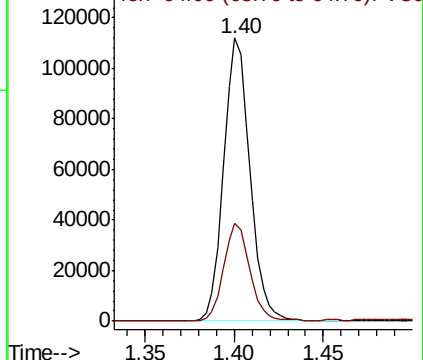
62 100

64 34.4 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: 43.09 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026377.D

Acq: 25 Aug 2018 17:35

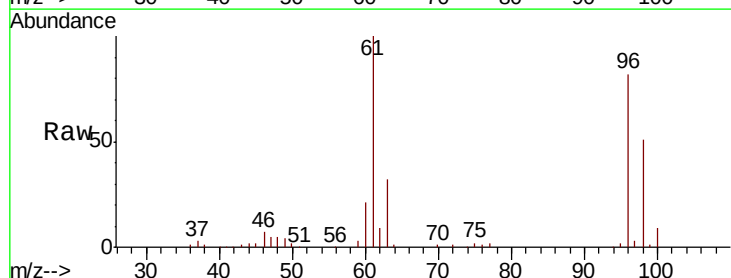
Tgt Ion: 96 Resp: 95725

Ion Ratio Lower Upper

96 100

61 122.1 90.3 167.7

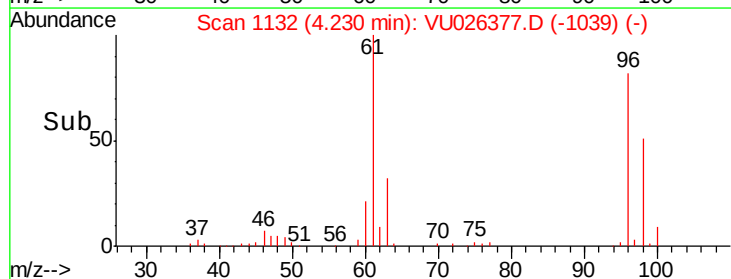
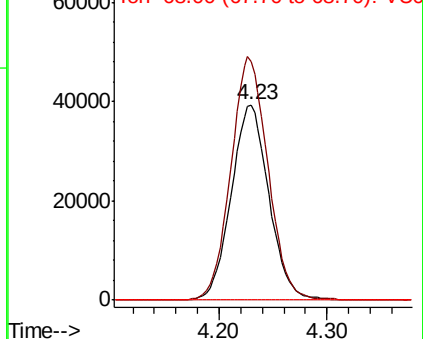
68 0.0 0.0 0.0

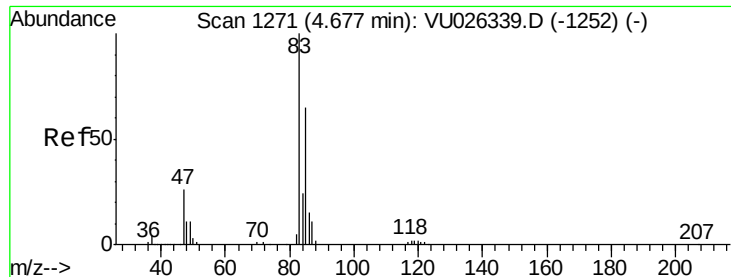


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

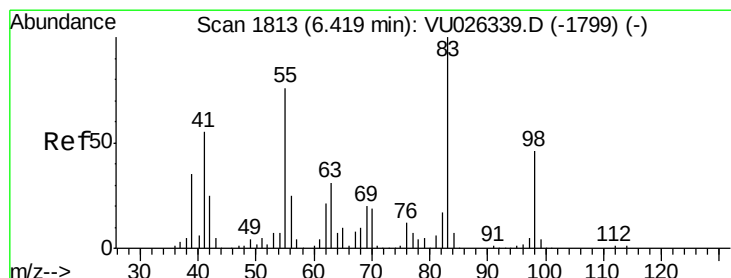
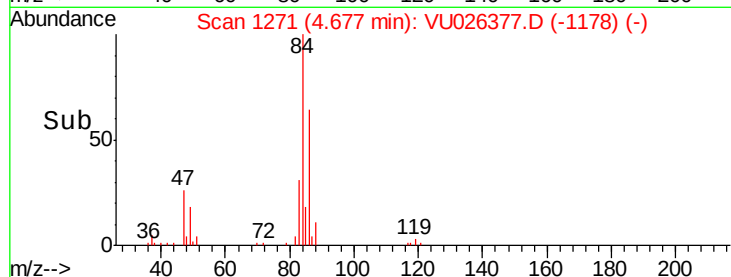
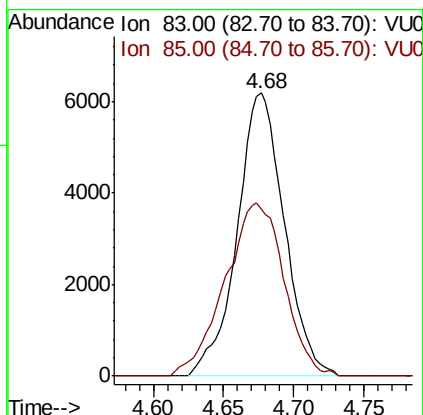
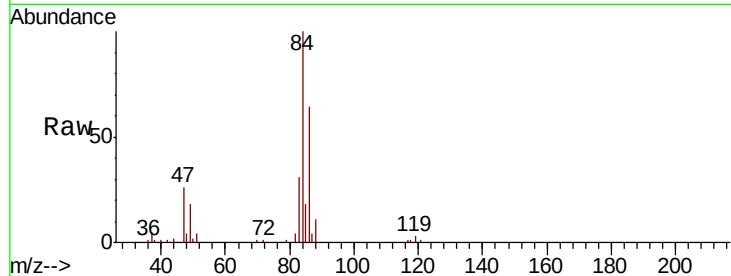




#25
Chloroform
Concen: 3.70 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU026377.D
Acq: 25 Aug 2018 17:35

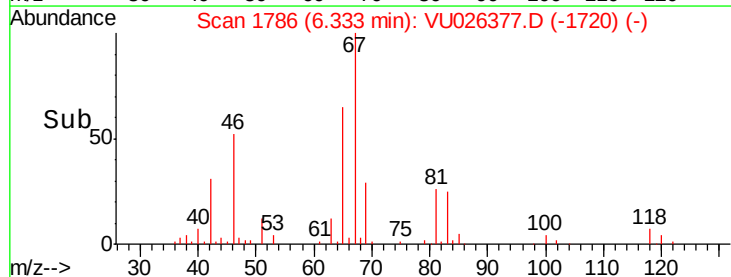
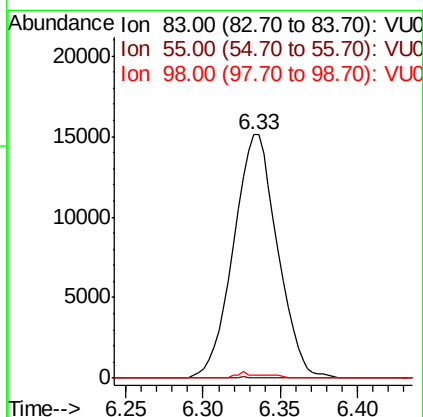
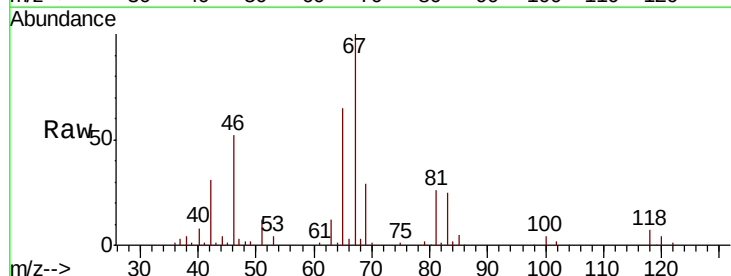
Instrument :
MSVOA_U
ClientSampleId :
ETOM4DL

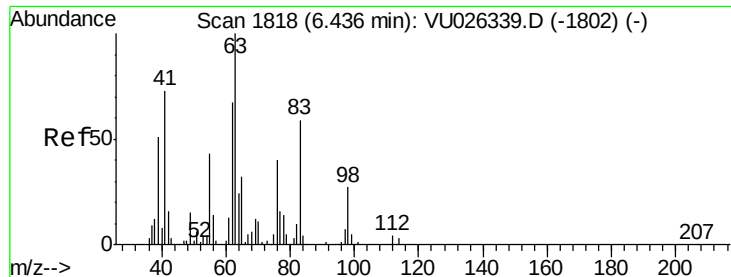
Tot Ion: 83 Resp: 14475
Ion Ratio Lower Upper
83 100
85 59.0 45.0 83.6



#35
Methylcyclohexane
Concen: 8.75 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026377.D
Acq: 25 Aug 2018 17:35

Tgt Ion: 83 Resp: 29879
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 0.8 36.8 55.2#

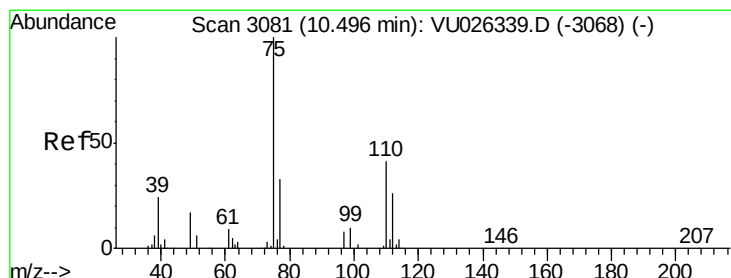
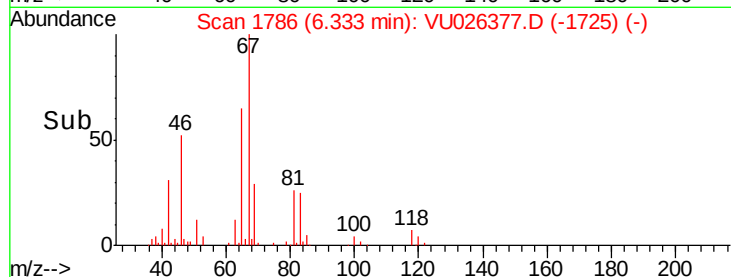
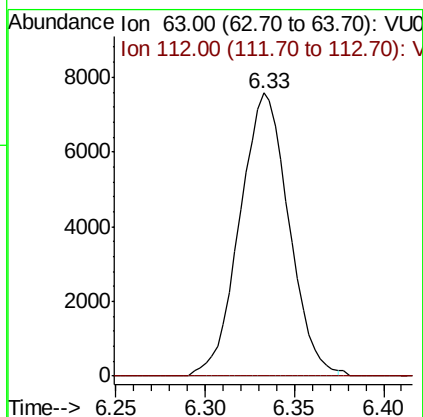
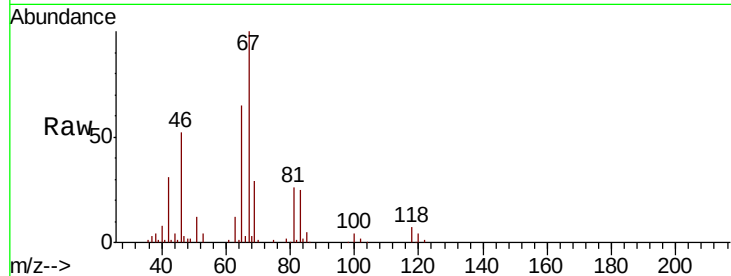




#37
 1,2-Dichloropropane
 Concen: 6.29 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026377.D
 Acq: 25 Aug 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM4DL

Tot Ion: 63 Resp: 14533
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.64 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026377.D
 Acq: 25 Aug 2018 17:35

Tgt Ion: 75 Resp: 16228
 Ion Ratio Lower Upper
 75 100
 77 39.5 25.5 38.3#

