

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026300.D
 Acq On : 23 Aug 2018 15:50
 Operator : MD/SY
 Sample : J4624-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:17:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	301497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136077	50.00	ug/L	0.00

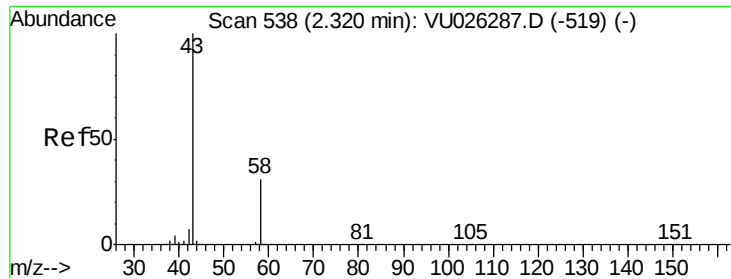
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86135	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.68%
7) Chloroethane-d5	1.68	69	73223	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.66%
11) 1,1-Dichloroethene-d2	2.27	63	133788	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.02%
21) 2-Butanone-d5	4.18	46	150399	102.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.47%
24) Chloroform-d	4.65	84	203670	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.31	65	133722	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
32) Benzene-d6	5.35	84	392142	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.33	67	125439	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.57	98	349230	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	61044	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.31	63	105144	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	175327	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	150249	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

					Ovalue
13) Acetone	2.32	43	412651	363.281	ug/L 99
22) 2-Butanone	4.26	43	683137	449.512	ug/L 97
25) Chloroform	4.68	83	16305	4.288	ug/L 94
35) Methylcyclohexane	6.33	83	29882	9.362	ug/L # 20
37) 1,2-Dichloropropane	6.33	63	14253	6.607	ug/L # 88
39) cis-1,3-Dichloropropene	7.23	75	4016	1.226	ug/L 90

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



#13

Acetone

Concen: 363.281 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

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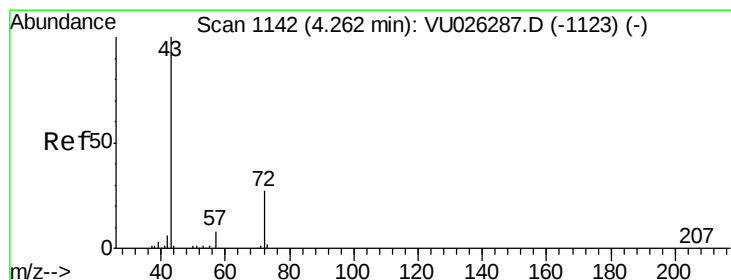
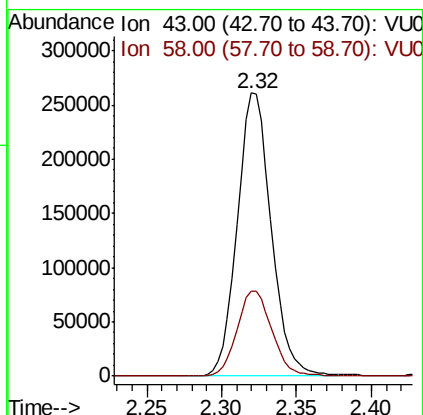
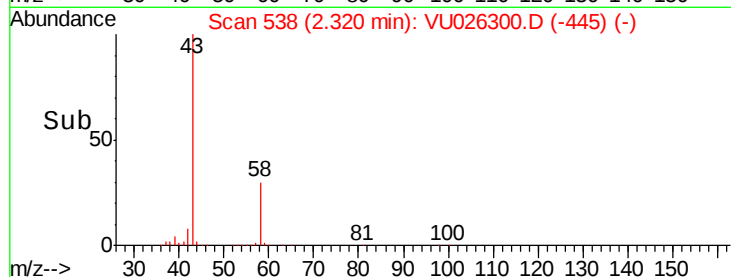
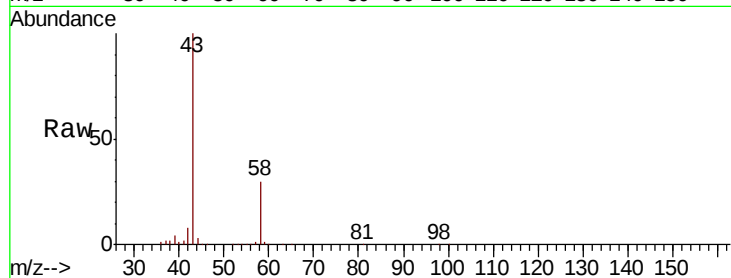
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 412651

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2



#22

2-Butanone

Concen: 449.512 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU026300.D

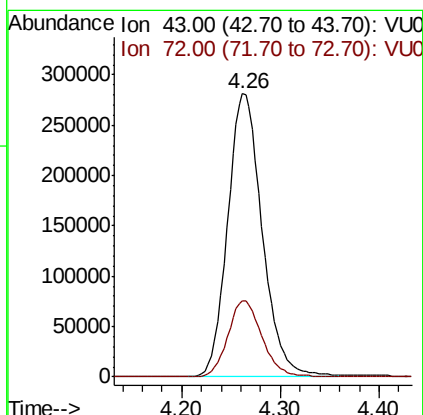
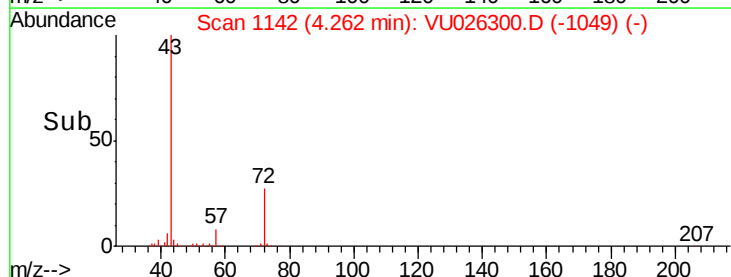
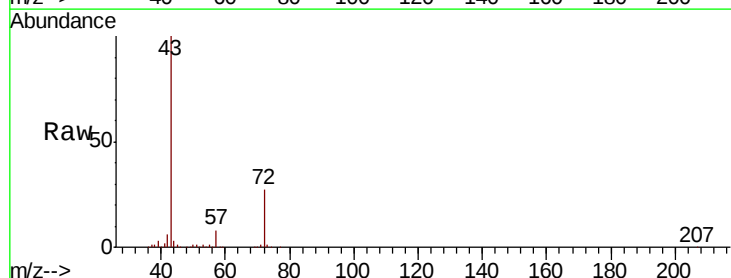
Acq: 23 Aug 2018 15:50

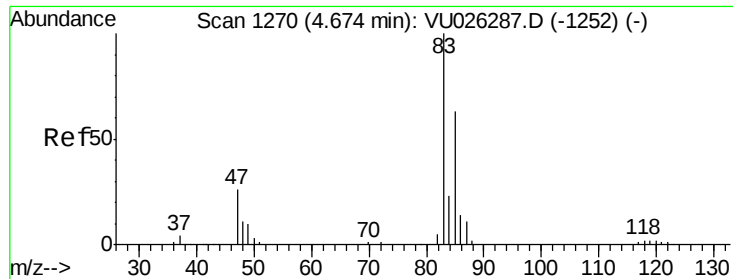
Tgt Ion: 43 Resp: 683137

Ion Ratio Lower Upper

43 100

72 26.7 14.1 42.3

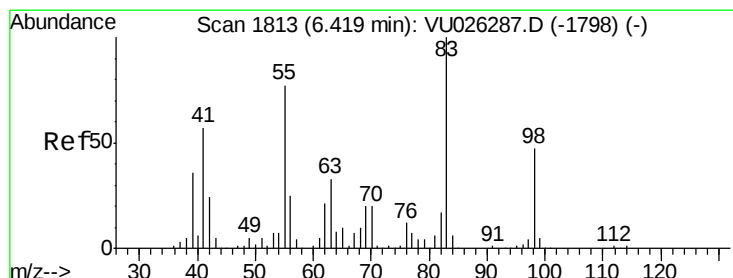
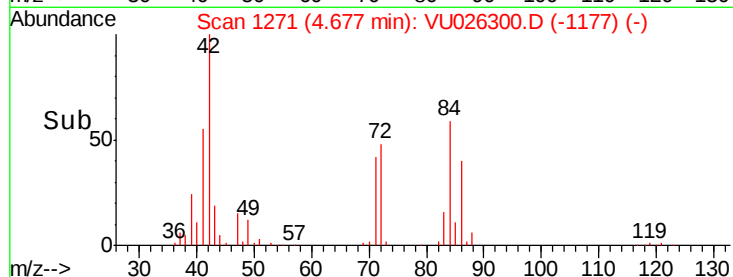
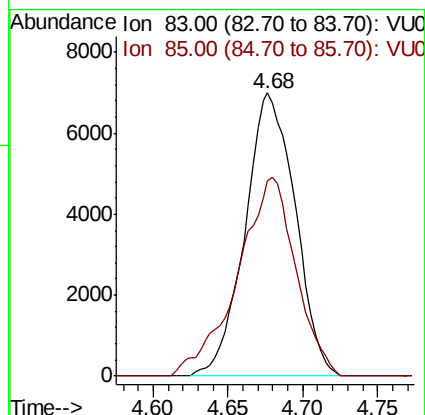
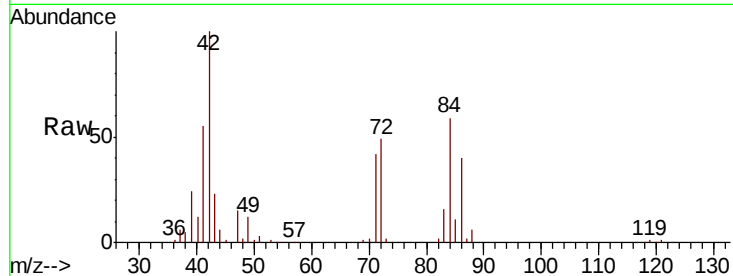




#25
Chloroform
Concen: 4.288 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026300.D
Acq: 23 Aug 2018 15:50

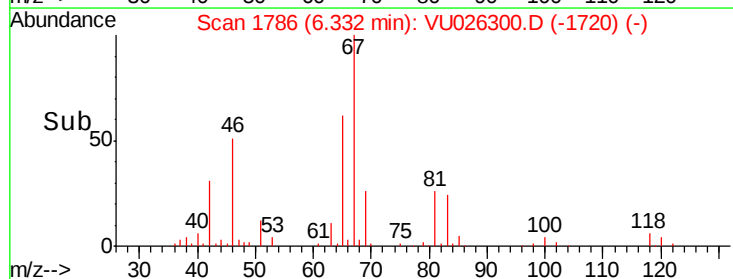
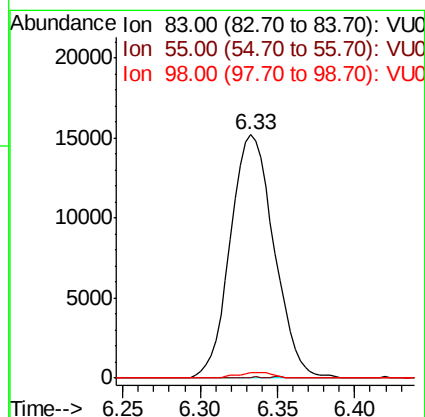
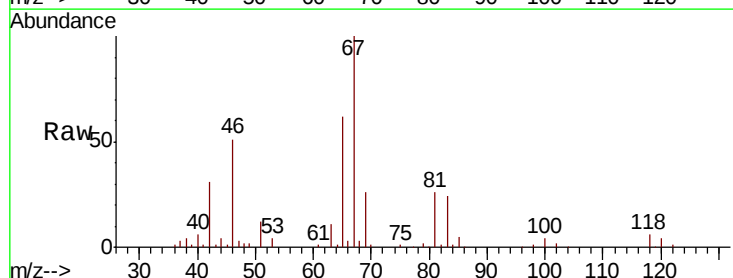
Instrument :
MSVOA_U
ClientSampled :

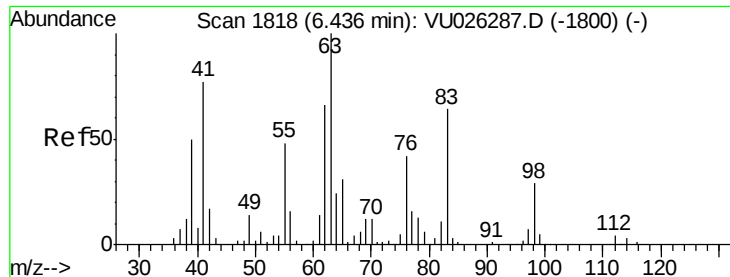
Tot Ion: 83 Resp: 16305
Ion Ratio Lower Upper
83 100
85 69.0 45.0 83.6



#35
Methylcyclohexane
Concen: 9.362 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026300.D
Acq: 23 Aug 2018 15:50

Tgt Ion: 83 Resp: 29882
Ion Ratio Lower Upper
83 100
55 0.1 60.6 91.0#
98 1.9 36.8 55.2#

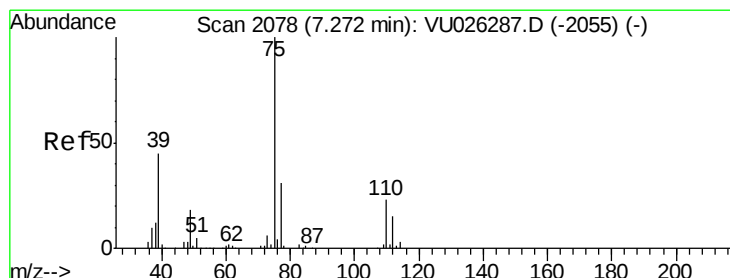
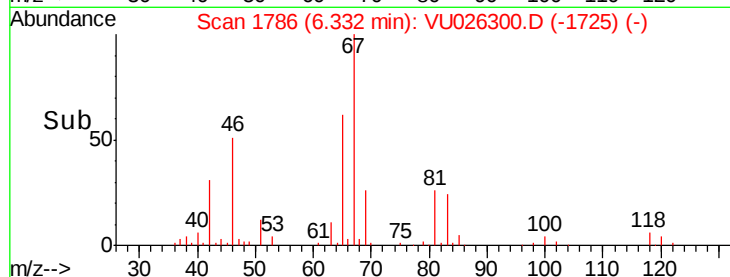
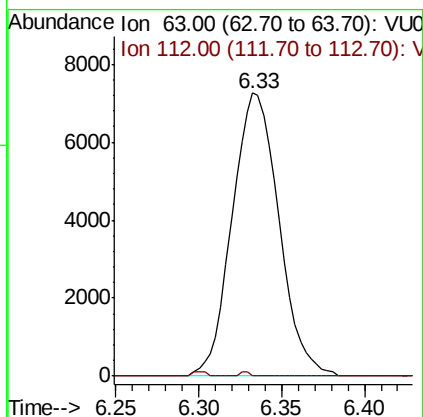
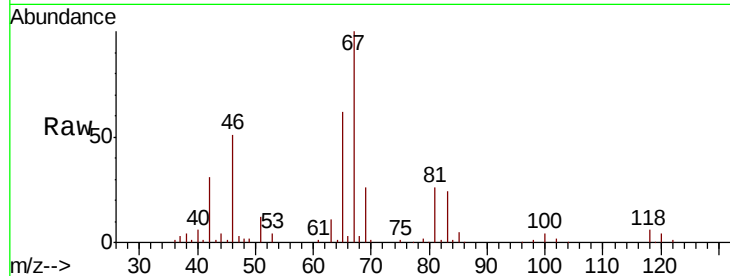




#37
 1,2-Dichloropropane
 Concen: 6.607 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026300.D
 Acq: 23 Aug 2018 15:50

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 14253
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.226 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU026300.D
 Acq: 23 Aug 2018 15:50

Tgt Ion: 75 Resp: 4016
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.0 40.8

