

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U123119\
 Data File : VU036384.D
 Acq On : 31 Dec 2019 12:33
 Operator : JC/MD
 Sample : K6459-15MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0BP0MS

Quant Time: Jan 02 10:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 01 01:19:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	306398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101745	5.00	ug/L	0.00

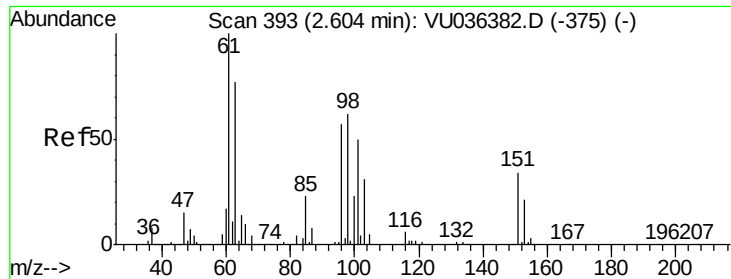
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	79674	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.93	69	82592	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.60	63	172996	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.68	46	249969	44.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.04%
24) Chloroform-d	5.11	84	170638	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.75	65	100714	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.77	84	344168	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.73	67	115060	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.93	98	320711	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.21	79	49805	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.67	63	222503	41.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91479	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	90578	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.61	96	87164	4.674 ug/L	95
13) Acetone	2.66	43	7796	2.131 ug/L	88
14) Carbon disulfide	2.83	76	14532	0.238 ug/L	100
33) Benzene	5.82	78	401378	4.619 ug/L	100
34) Trichloroethene	6.58	95	105449	4.506 ug/L	99
42) Toluene	8.00	91	442568	4.603 ug/L	99
51) Chlorobenzene	9.47	112	274322	4.576 ug/L	97

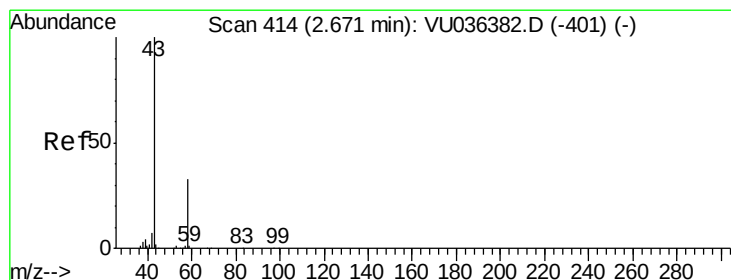
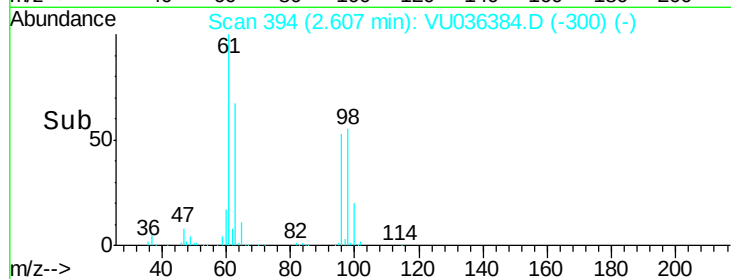
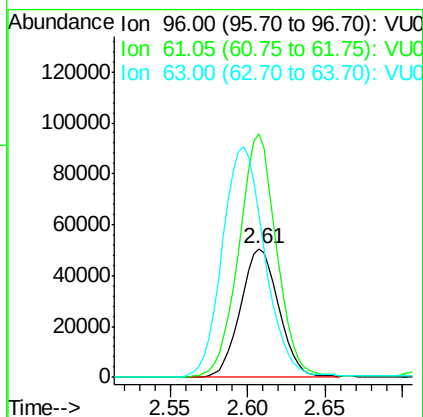
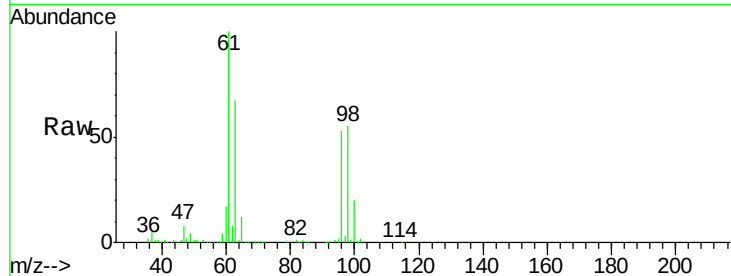
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 4.674 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU036384.D
 Acq: 31 Dec 2019 12:33

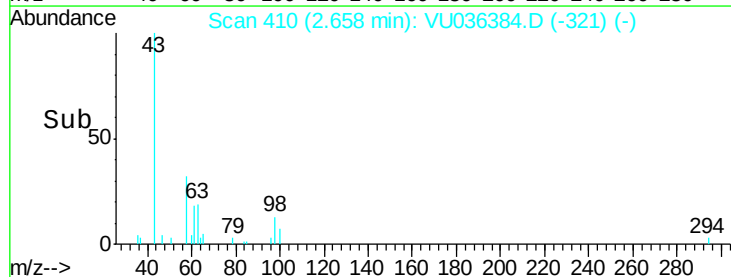
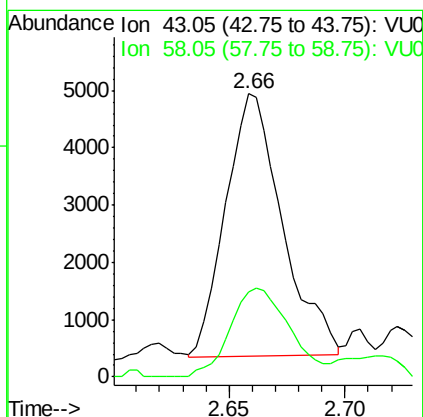
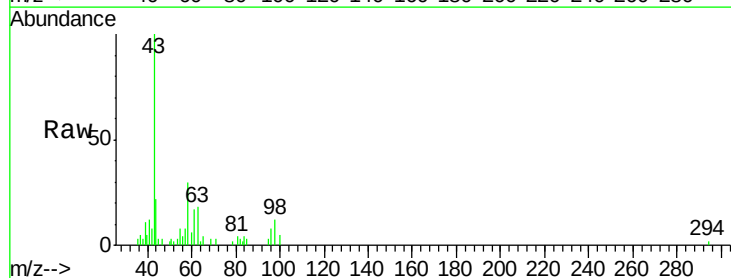
Instrument :
 MSVOA_U
 ClientSampleId :
 H0BP0MS

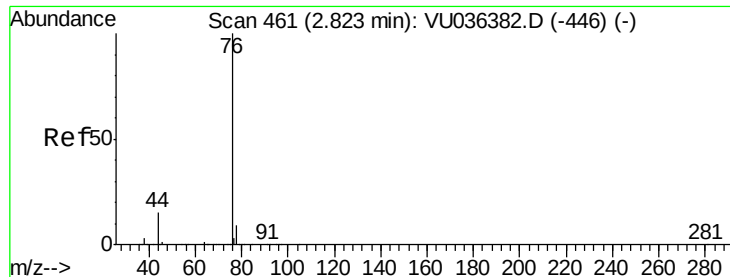
Tot Ion: 96 Resp: 87164
 Ion Ratio Lower Upper
 96 100
 61 189.0 123.8 230.0
 63 127.0 89.0 165.4



#13
 Acetone
 Concen: 2.131 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU036384.D
 Acq: 31 Dec 2019 12:33

Tgt Ion: 43 Resp: 7796
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 57.0





#14

Carbon disulfide

Concen: 0.238 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

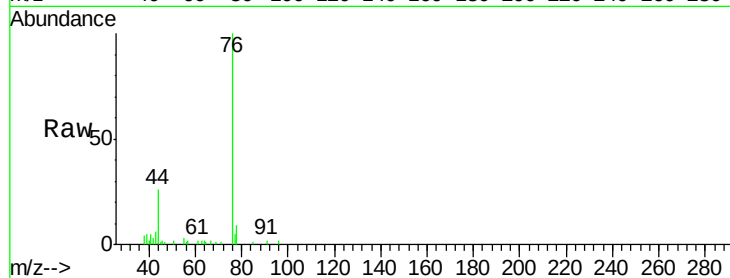
H0BPOMS

Tot Ion: 76 Resp: 14532

Ion Ratio Lower Upper

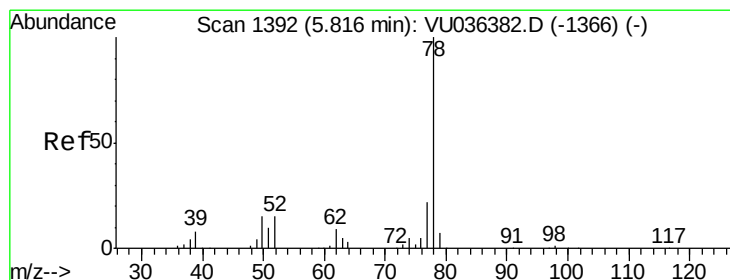
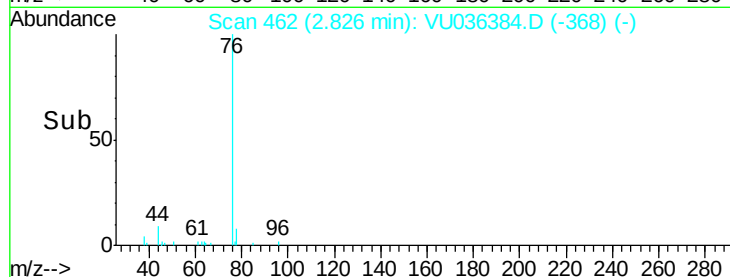
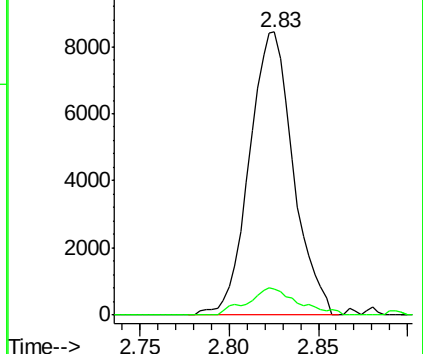
76 100

78 9.3 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU036382.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036384.D (-1299) (-)



#33

Benzene

Concen: 4.619 ug/L

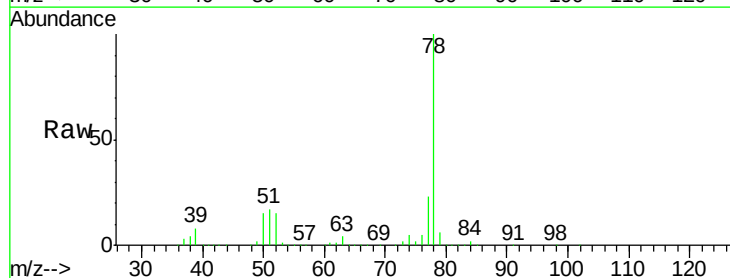
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

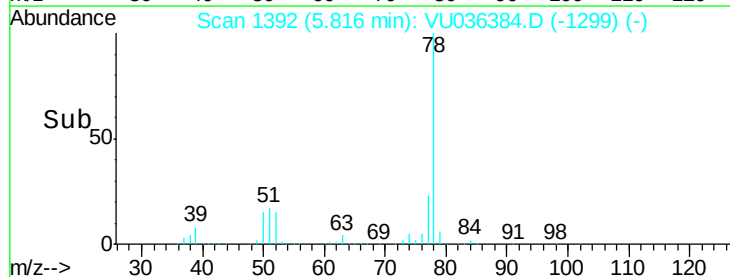
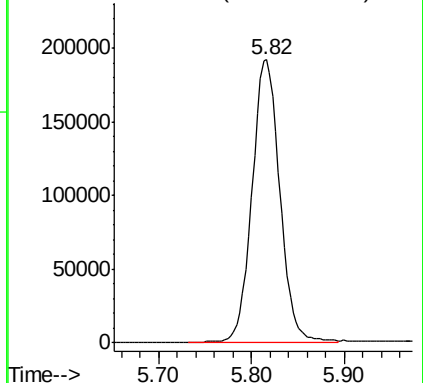
Lab File: VU036384.D

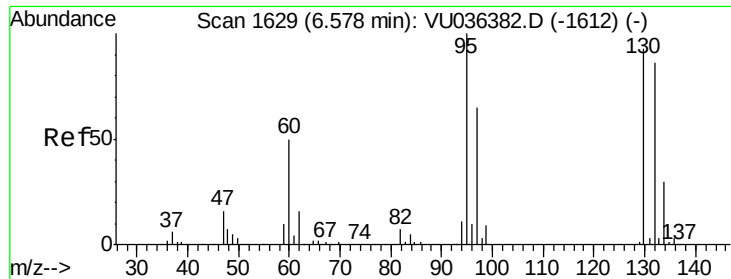
Acq: 31 Dec 2019 12:33

Tgt Ion: 78 Resp: 401378



Abundance Ion 78.10 (77.80 to 78.80): VU036382.D (-1366) (-)





#34

Trichloroethene

Concen: 4.506 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

H0BPOMS

Tot Ion: 95 Resp: 105449

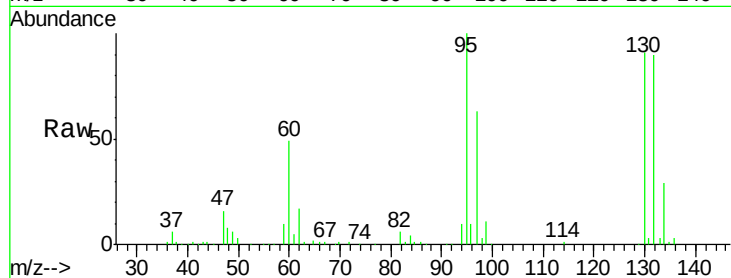
Ion Ratio Lower Upper

95 100

97 62.9 42.9 79.7

132 90.3 62.4 116.0

130 90.9 62.9 116.9

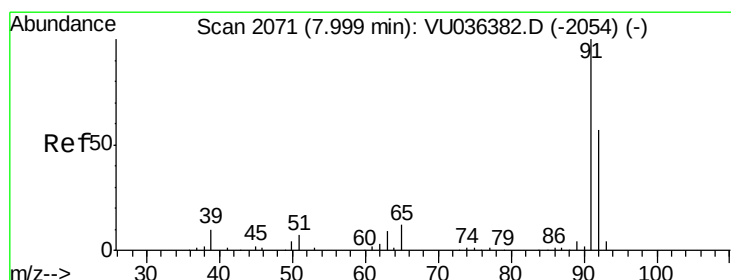
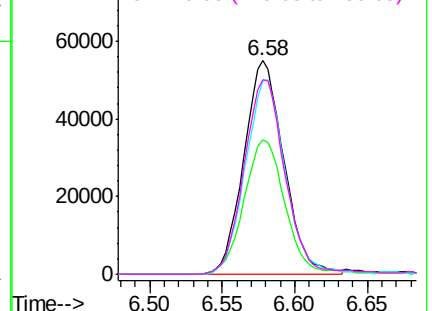
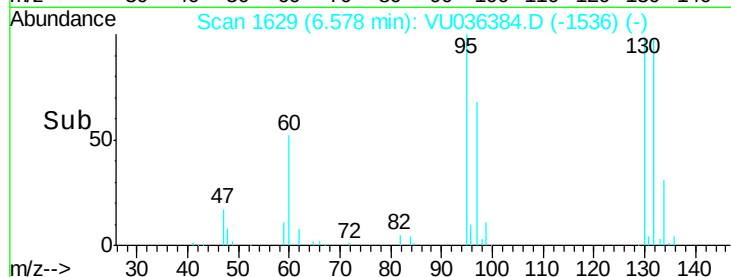


Abundance Ion 95.00 (94.70 to 95.70): VU036384.D (-1536) (-)

Ion 96.95 (96.65 to 97.65): VU036384.D (-1536) (-)

Ion 131.95 (131.65 to 132.65): VU036384.D (-1536) (-)

Ion 129.95 (129.65 to 130.65): VU036384.D (-1536) (-)



#42

Toluene

Concen: 4.603 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036384.D

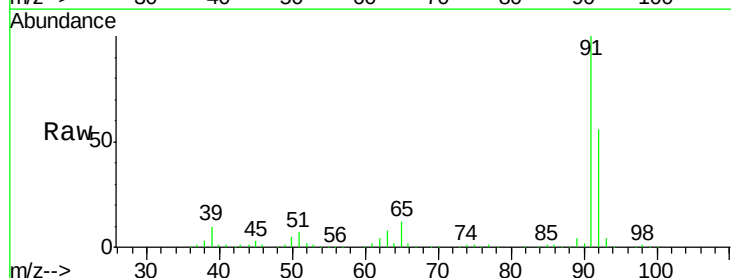
Acq: 31 Dec 2019 12:33

Tgt Ion: 91 Resp: 442568

Ion Ratio Lower Upper

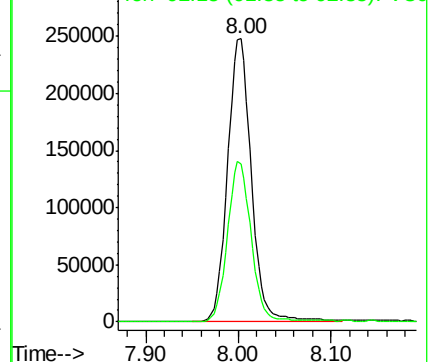
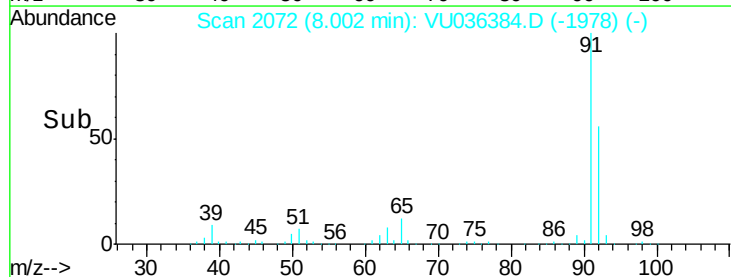
91 100

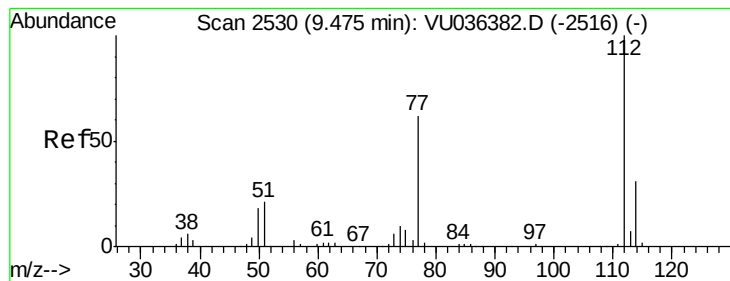
92 55.9 39.5 73.3



Abundance Ion 91.15 (90.85 to 91.85): VU036384.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036384.D (-1978) (-)





#51

Chlorobenzene

Concen: 4.576 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036384.D

Acq: 31 Dec 2019 12:33

Instrument :

MSVOA_U

ClientSampleId :

H0BP0MS

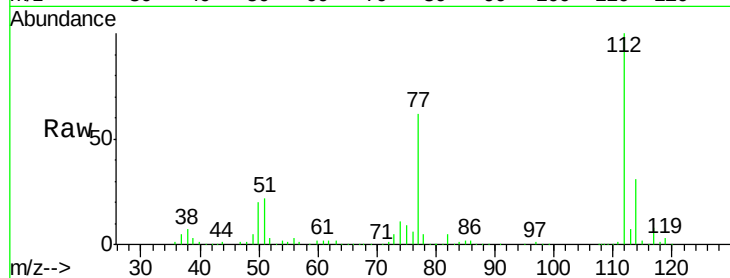
Tot Ion:112 Resp: 274322

Ion Ratio Lower Upper

112 100

114 30.7 22.7 42.3

77 61.8 47.8 71.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

