

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026059.D
 Acq On : 13 Aug 2018 11:29
 Operator : MD/SY
 Sample : J74401-15MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:14:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119560	50.00	ug/L	0.00

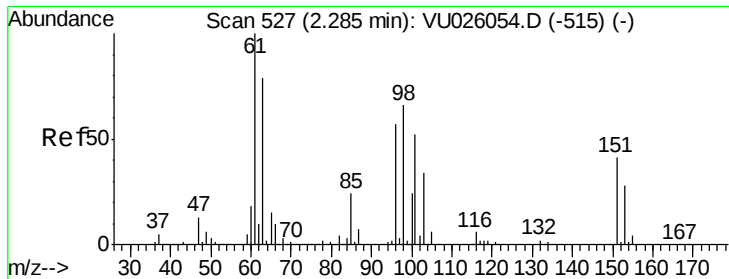
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99344	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	80300	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.27	63	194106	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
21) 2-Butanone-d5	4.18	46	150030	85.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.52%
24) Chloroform-d	4.65	84	211844	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	143001	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
32) Benzene-d6	5.34	84	414071	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.33	67	133904	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.28%
41) Toluene-d8	7.57	98	383061	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.85	79	66637	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
47) 2-Hexanone-d5	8.31	63	106736	86.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179599	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	149586	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	80546	48.449 ug/L	93
13) Acetone	2.32	43	1706	1.565 ug/L	86
27) 1,2-Dichloroethane	5.39	62	3881	1.256 ug/L #	76
33) Benzene	5.39	78	373175	48.307 ug/L	100
34) Trichloroethene	6.19	95	93467	46.313 ug/L	97
42) Toluene	7.64	91	398516	48.602 ug/L	97
51) Chlorobenzene	9.12	112	263401	47.643 ug/L	98

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



#12

1,1-Dichloroethene

Concen: 48.449 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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Instrument :
MSVOA_U
ClientSampled :

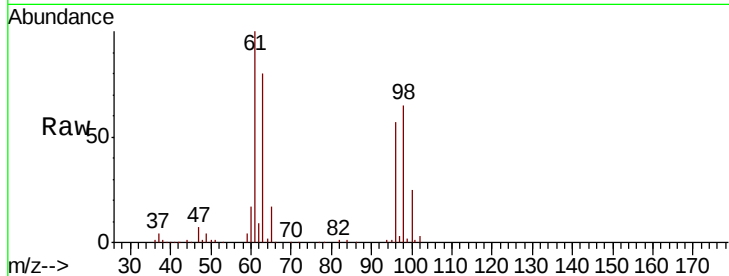
Tot Ion: 96 Resp: 80546

Ion Ratio Lower Upper

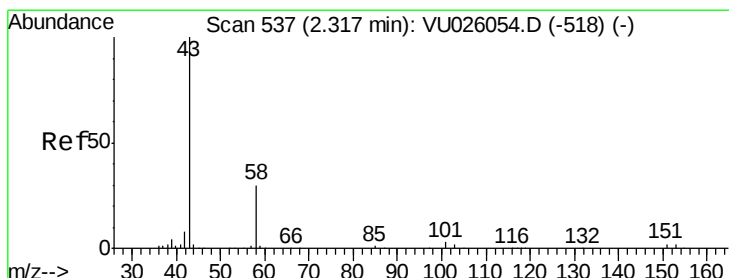
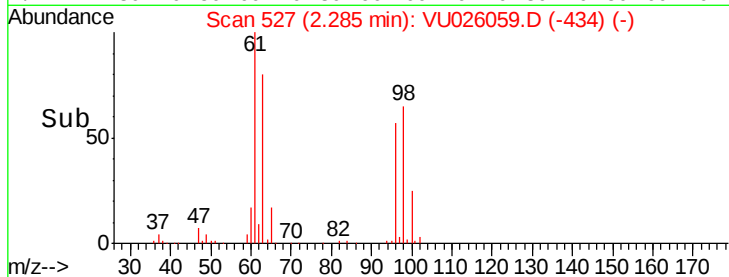
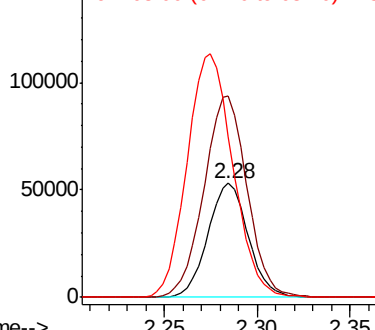
96 100

61 176.6 121.2 225.2

63 140.7 108.7 201.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.565 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU026059.D

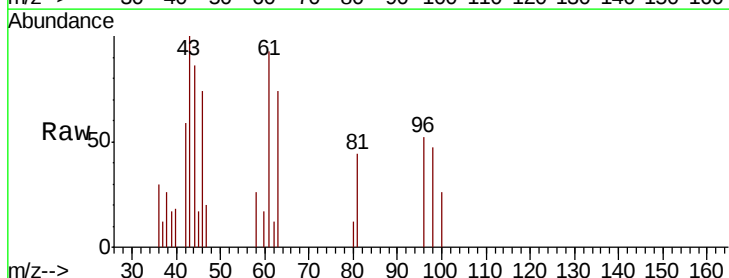
Acq: 13 Aug 2018 11:29

Tgt Ion: 43 Resp: 1706

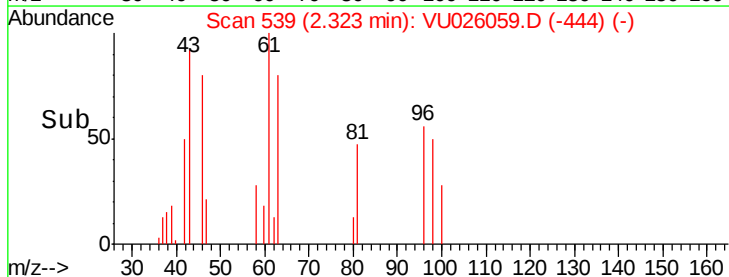
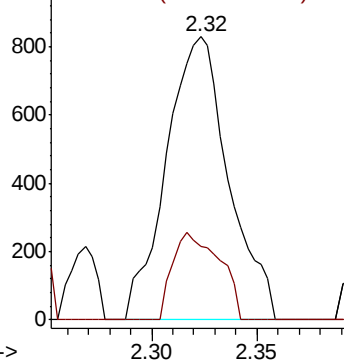
Ion Ratio Lower Upper

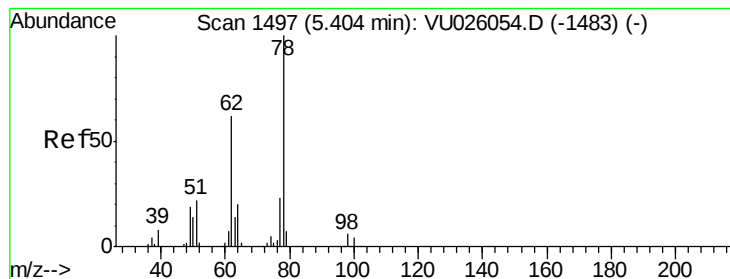
43 100

58 23.3 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 1.256 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VU026059.D

Acq: 13 Aug 2018 11:29

Instrument :

MSVOA_U

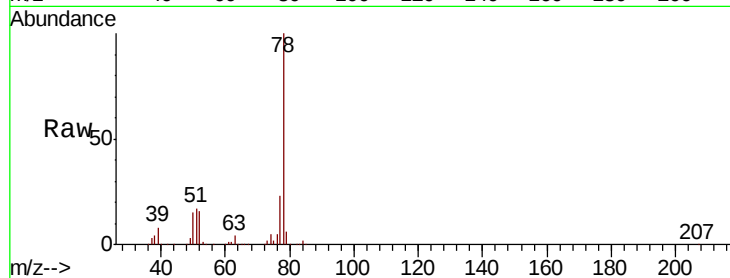
ClientSampleId :

Tot Ion: 62 Resp: 3881

Ion Ratio Lower Upper

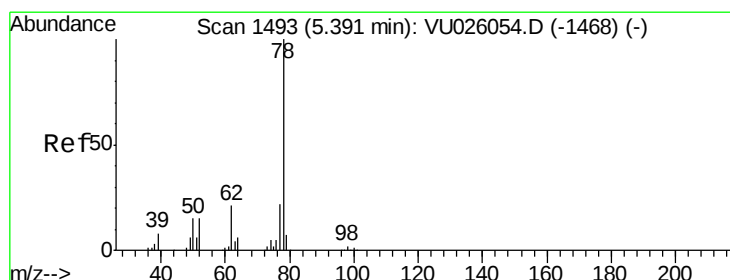
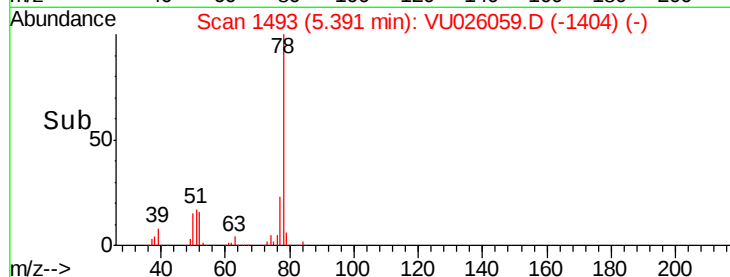
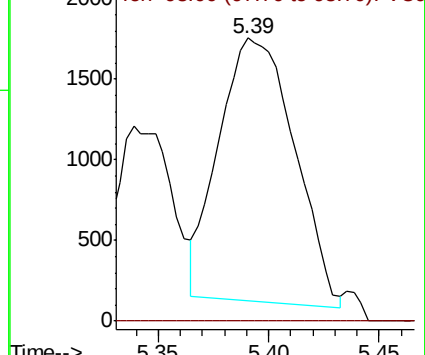
62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 48.307 ug/L

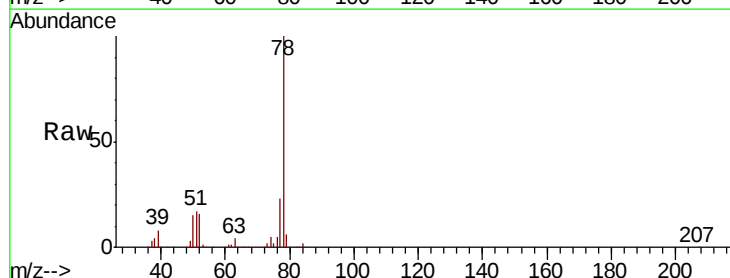
RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

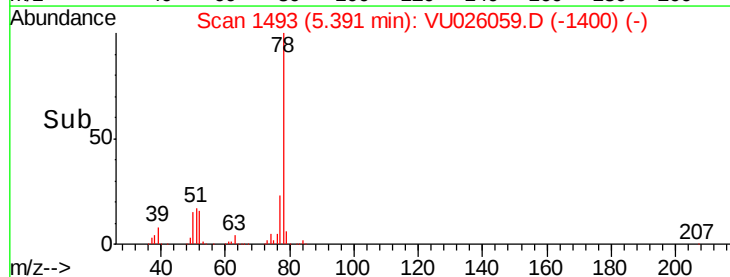
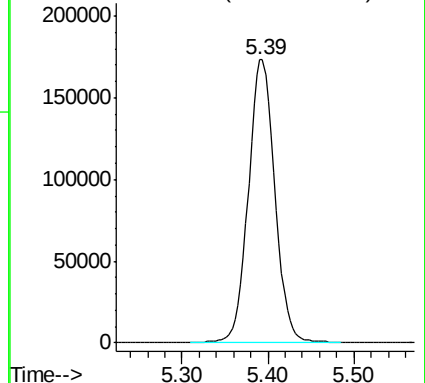
Lab File: VU026059.D

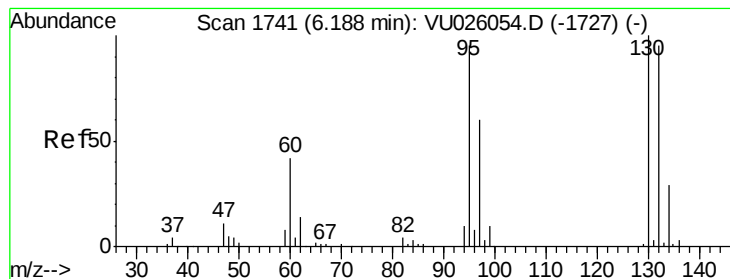
Acq: 13 Aug 2018 11:29

Tgt Ion: 78 Resp: 373175



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 46.313 ug/L

RT: 6.19 min Scan# 1741

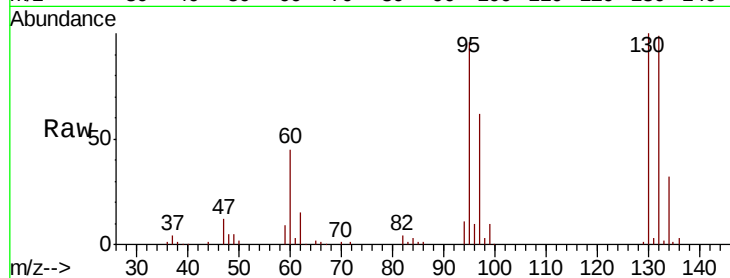
Delta R.T. -0.00 min

Lab File: VU026059.D

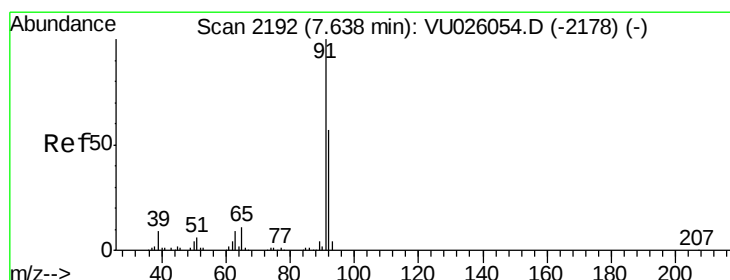
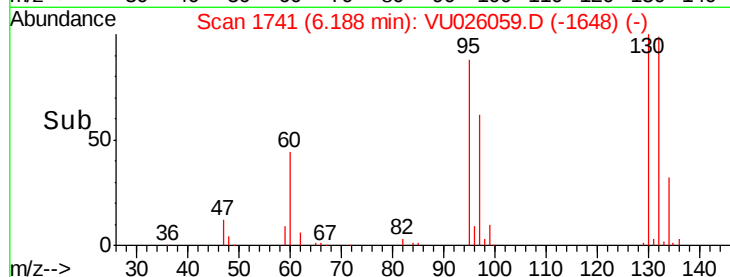
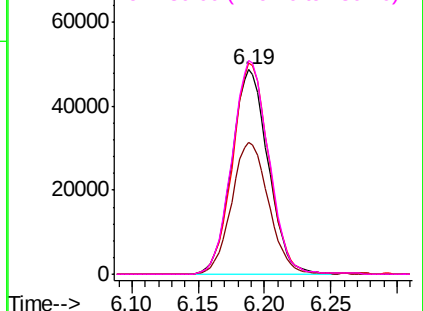
Acq: 13 Aug 2018 11:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	95	Resp:	93467
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	103.3	68.2	126.6
130	104.5	73.8	137.2



Abundance Ion 95.00 (94.70 to 95.70): VU026059.D (-1648) (-)



#42

Toluene

Concen: 48.602 ug/L

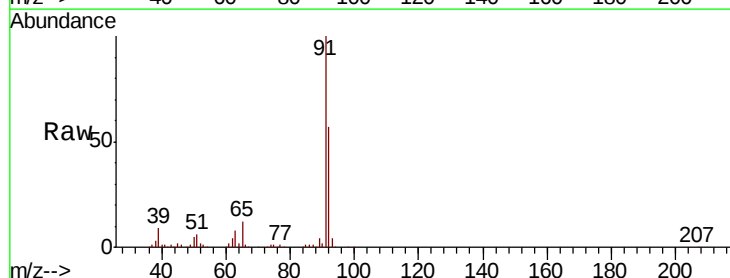
RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

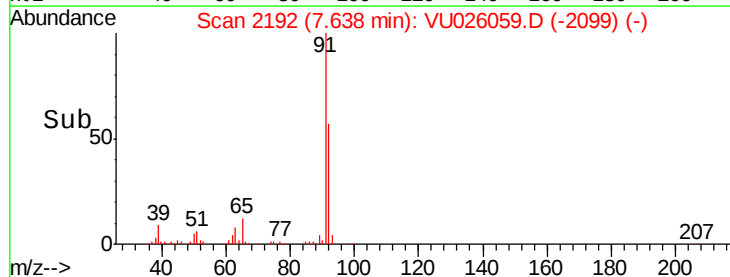
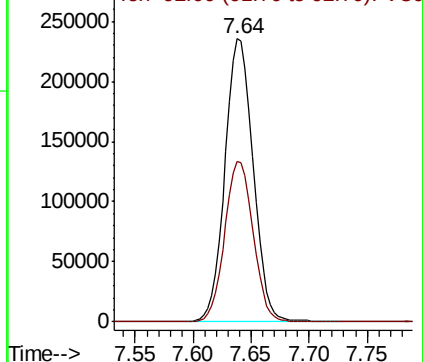
Lab File: VU026059.D

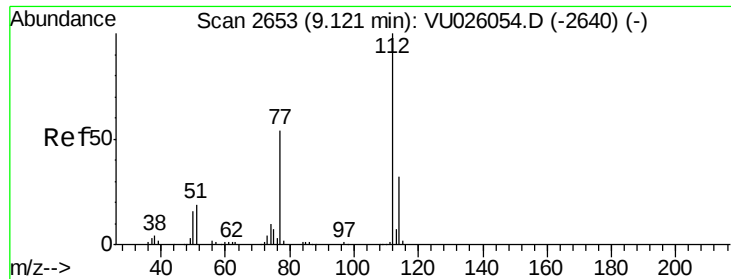
Acq: 13 Aug 2018 11:29

Tgt Ion:	91	Resp:	398516
Ion	Ratio	Lower	Upper
91	100		
92	56.6	41.0	76.2



Abundance Ion 91.00 (90.70 to 91.70): VU026059.D (-2099) (-)





#51
 Chlorobenzene
 Concen: 47.643 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VU026059.D
 Acq: 13 Aug 2018 11:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	112	Resp:	263401
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.7	42.3
77	55.6	45.2	67.8

