

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033226.D
 Acq On : 12 Jul 2019 16:59
 Operator : JC/SP
 Sample : K3760-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MS

Quant Time: Jul 13 00:53:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 00:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	313991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	311773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129245	54.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.76%
7) Chloroethane-d5	1.66	69	110322	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.66%
11) 1,1-Dichloroethene-d2	2.26	63	223909	51.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.86%
21) 2-Butanone-d5	4.15	46	142510	94.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.62%
24) Chloroform-d	4.62	84	198231	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.29	65	136753	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
32) Benzene-d6	5.31	84	426873	55.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.62%
36) 1,2-Dichloropropane-d6	6.31	67	133564	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.55	98	384172	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%
43) trans-1,3-Dichloropropene-	7.83	79	63811	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.22%
47) 2-Hexanone-d5	8.29	63	127367	115.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193511	52.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	141710	56.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.84%

Target Compounds

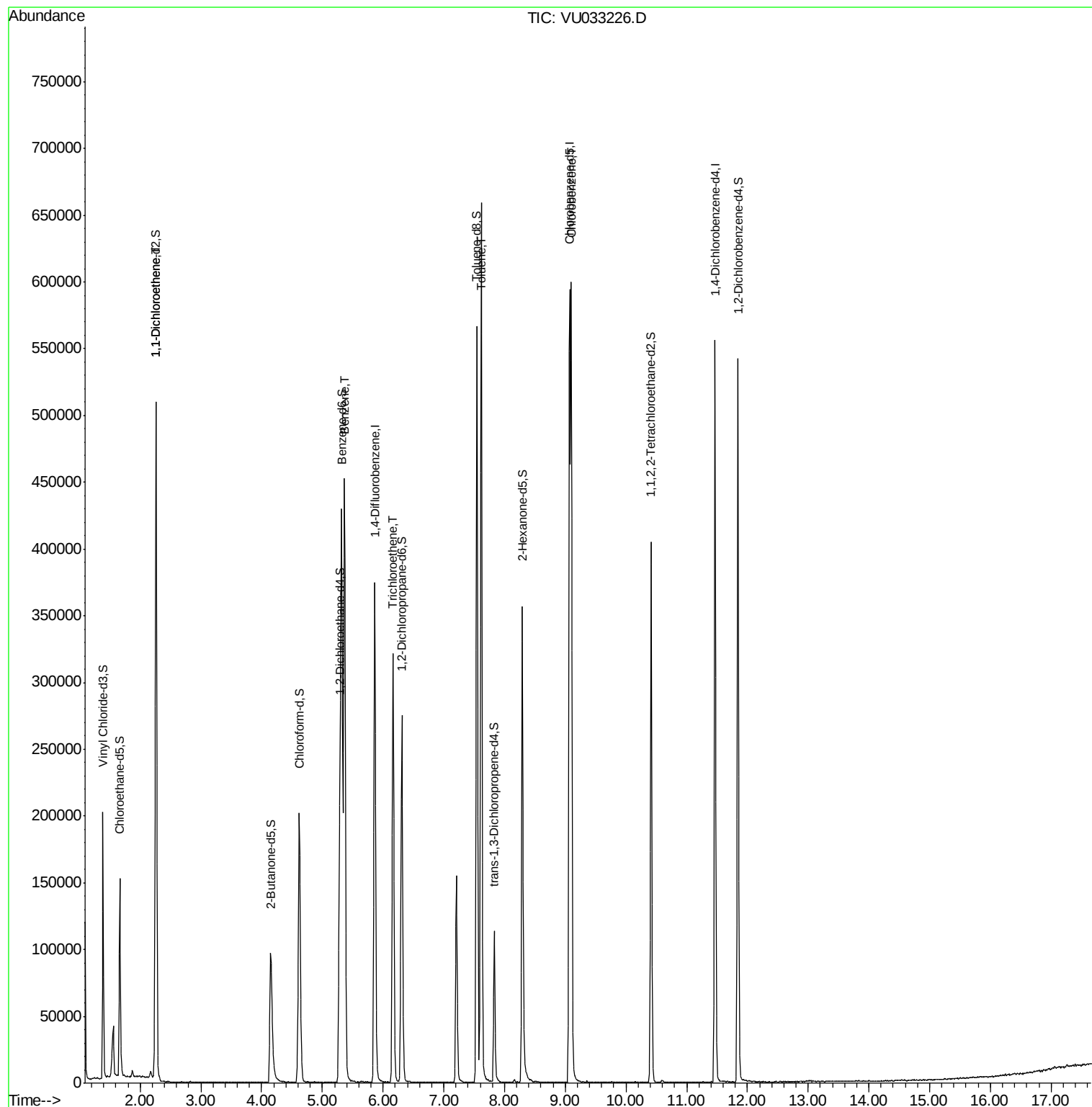
					Ovalue
12) 1,1-Dichloroethene	2.27	96	97237	46.396	ug/L 99
33) Benzene	5.37	78	448150	49.290	ug/L 100
34) Trichloroethene	6.16	95	111729	46.988	ug/L 100
42) Toluene	7.62	91	484014	49.377	ug/L 99
51) Chlorobenzene	9.10	112	308236	48.176	ug/L 100

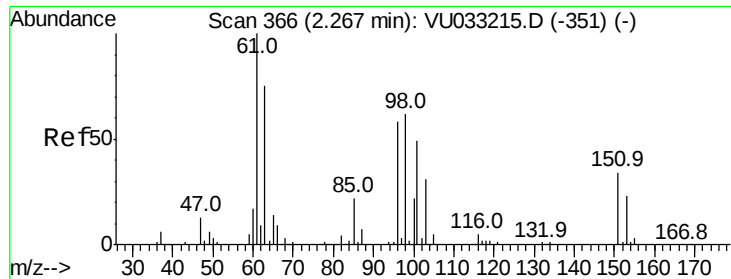
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 46.396 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033226.D

Acq: 12 Jul 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

DB8X2MS

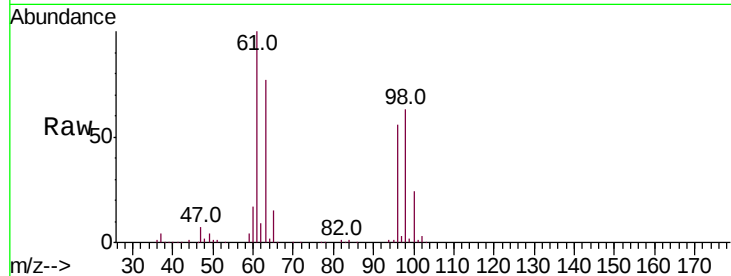
Tot Ion: 96 Resp: 97237

Ion Ratio Lower Upper

96 100

61 178.9 126.1 234.1

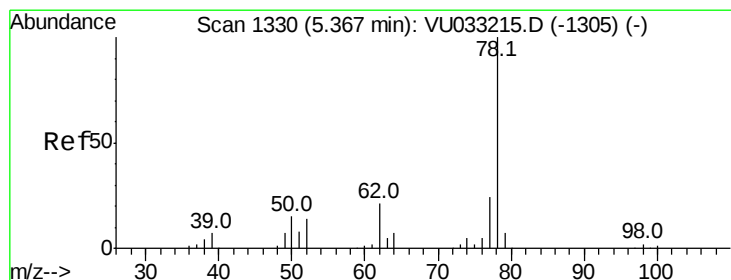
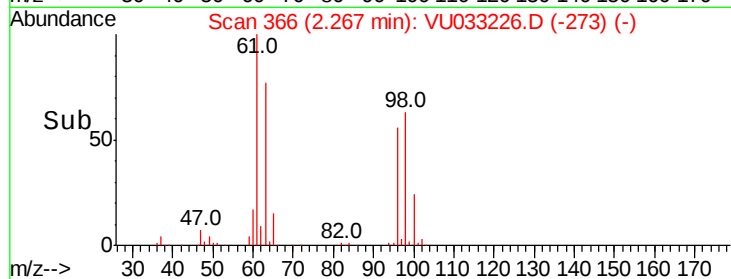
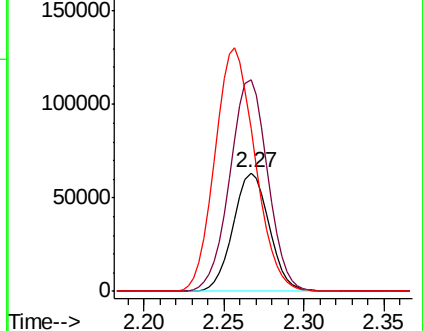
63 138.1 96.8 179.8



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



#33

Benzene

Concen: 49.290 ug/L

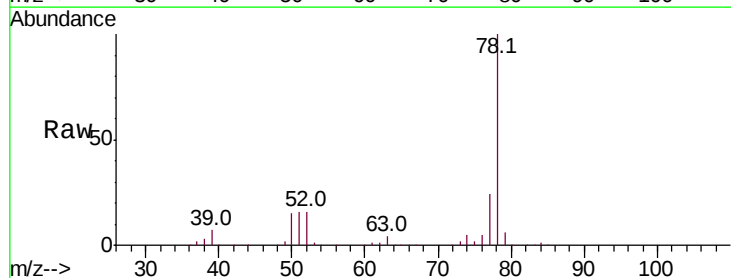
RT: 5.37 min Scan# 1330

Delta R.T. -0.00 min

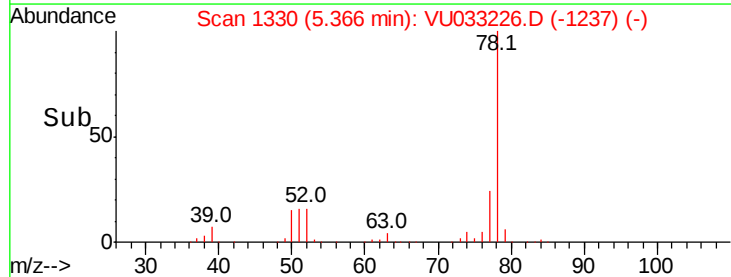
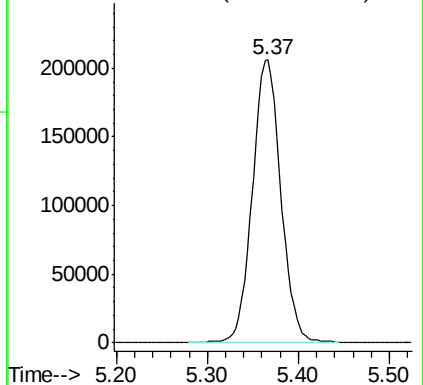
Lab File: VU033226.D

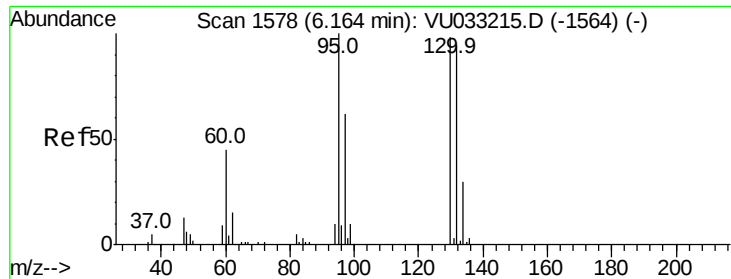
Acq: 12 Jul 2019 16:59

Tgt Ion: 78 Resp: 448150



Abundance Ion 78.00 (77.70 to 78.70): VU0

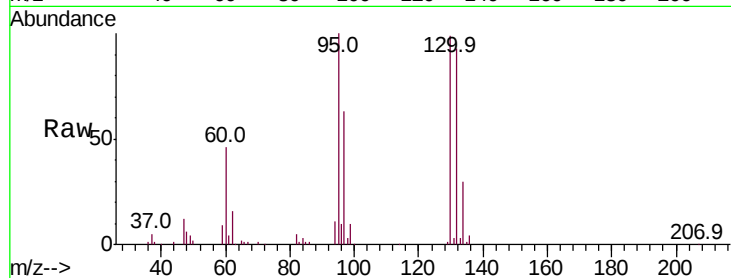




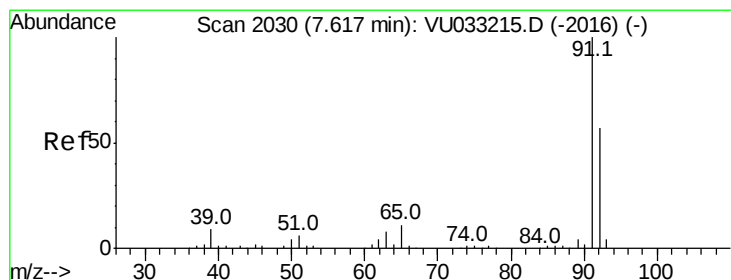
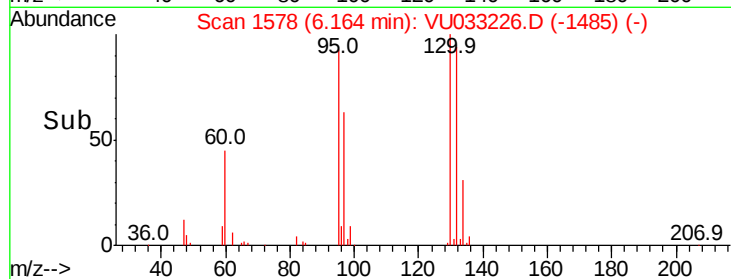
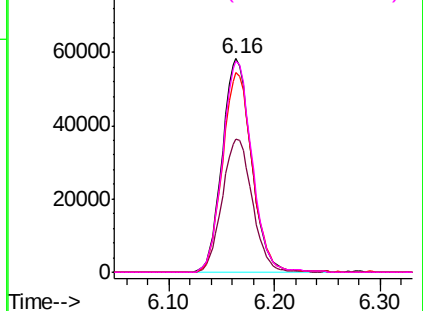
#34
 Trichloroethene
 Concen: 46.988 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033226.D
 Acq: 12 Jul 2019 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MS

Tot Ion: 95 Resp: 111729
 Ion Ratio Lower Upper
 95 100
 97 62.6 43.8 81.4
 132 93.2 65.5 121.6
 130 99.2 69.7 129.5

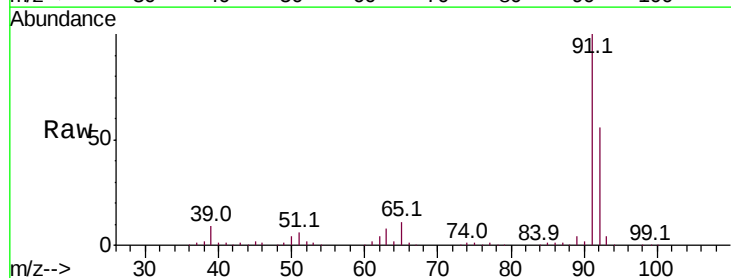


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

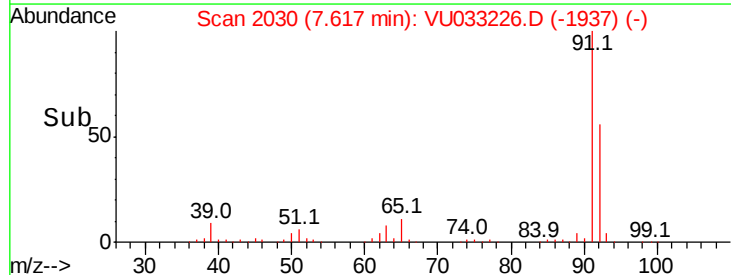
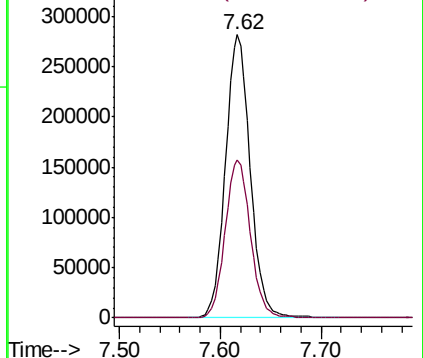


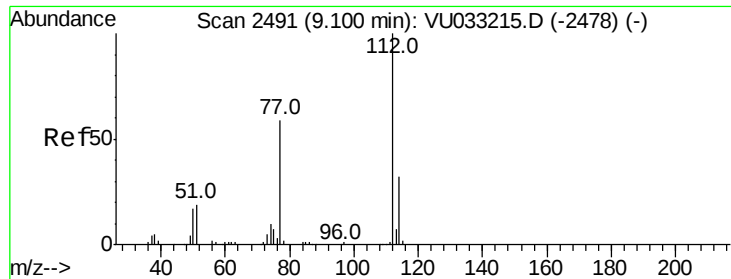
#42
 Toluene
 Concen: 49.377 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU033226.D
 Acq: 12 Jul 2019 16:59

Tgt Ion: 91 Resp: 484014
 Ion Ratio Lower Upper
 91 100
 92 55.9 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 48.176 ug/L
 RT: 9.10 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: VU033226.D
 Acq: 12 Jul 2019 16:59

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MS

Tot Ion:	112	Resp:	308236
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	59.2	47.2	70.8

