

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071219\
 Data File : VU033227.D
 Acq On : 12 Jul 2019 17:22
 Operator : JC/SP
 Sample : K3760-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MSD

Quant Time: Jul 13 00:55:24 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	309590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127889	54.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.14%
7) Chloroethane-d5	1.66	69	110845	55.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.72%
11) 1,1-Dichloroethene-d2	2.26	63	246874	58.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.14%
21) 2-Butanone-d5	4.15	46	153213	103.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.62	84	198904	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.28	65	135247	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.31	84	421500	55.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.74%
36) 1,2-Dichloropropane-d6	6.31	67	132852	54.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.96%
41) Toluene-d8	7.55	98	385872	54.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.48%
43) trans-1,3-Dichloropropene-	7.83	79	63398	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.00%
47) 2-Hexanone-d5	8.29	63	125331	115.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193004	52.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	141320	56.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

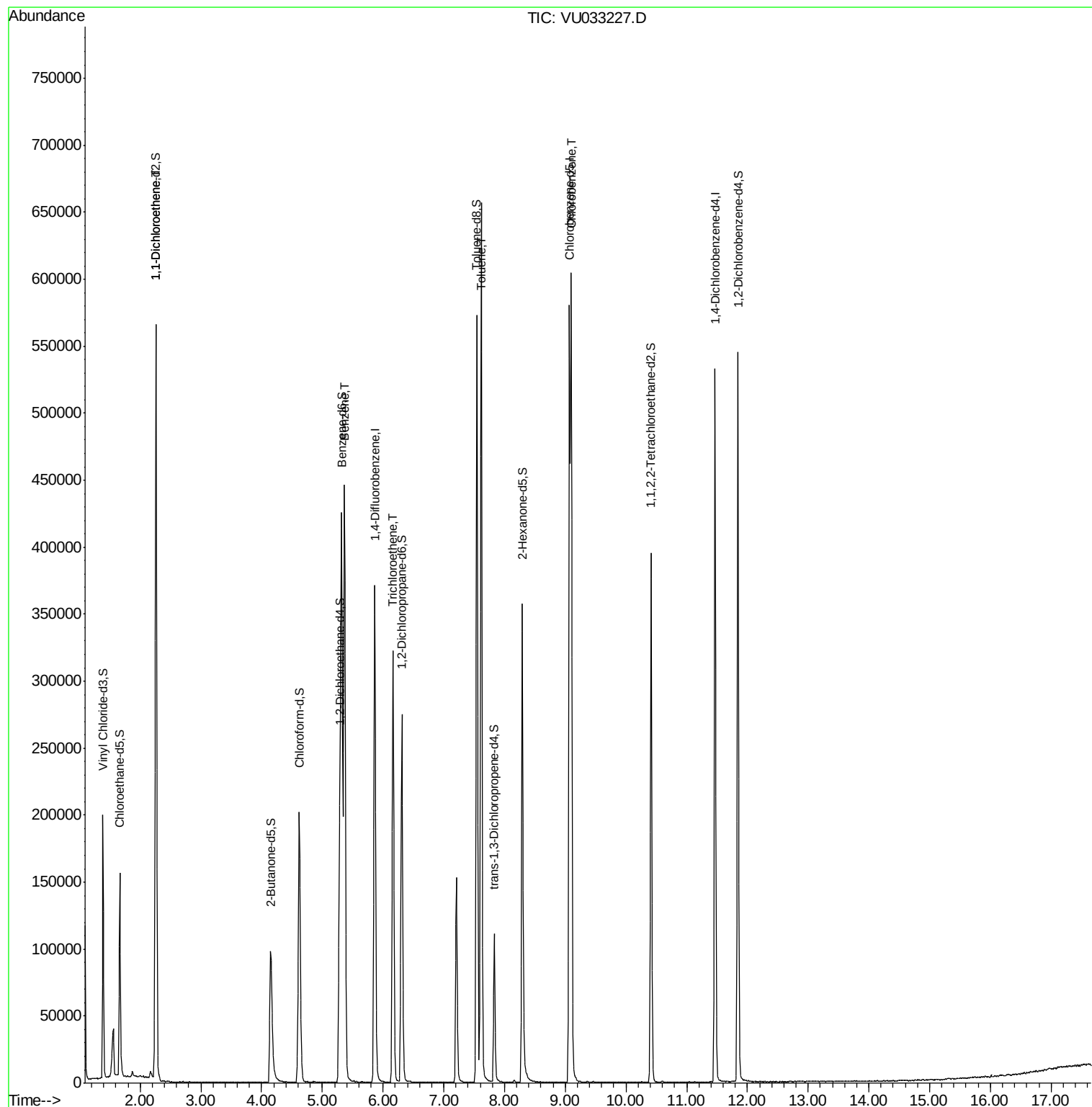
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	101987	49.355	ug/L	98
33) Benzene	5.36	78	445185	49.642	ug/L	100
34) Trichloroethene	6.16	95	111910	47.715	ug/L	99
42) Toluene	7.62	91	478818	49.524	ug/L	100
51) Chlorobenzene	9.10	112	309580	49.057	ug/L	99

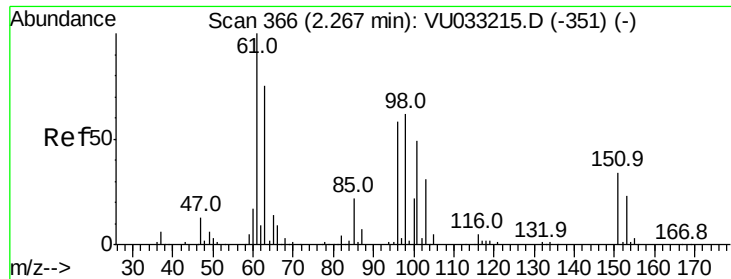
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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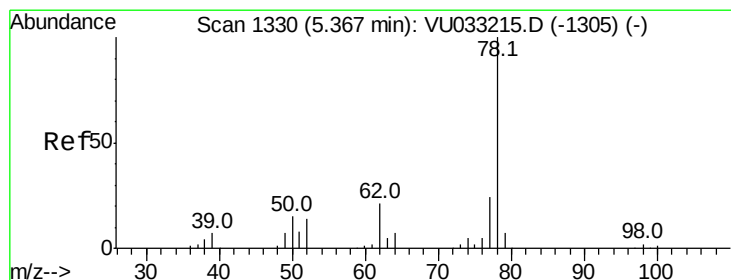
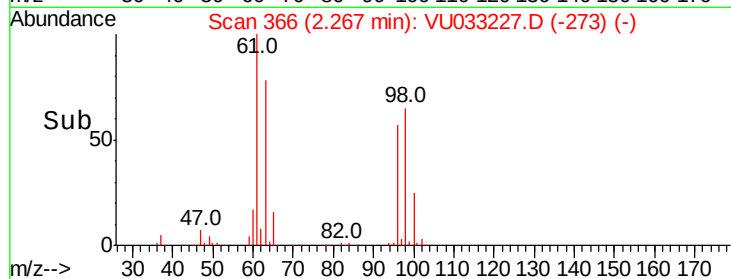
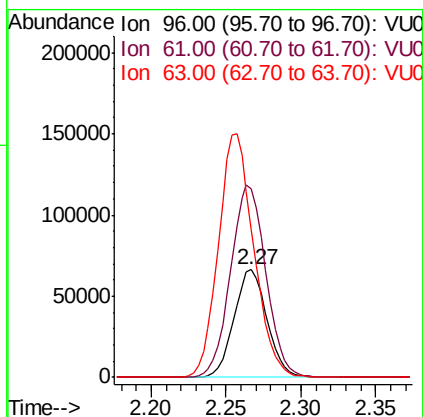
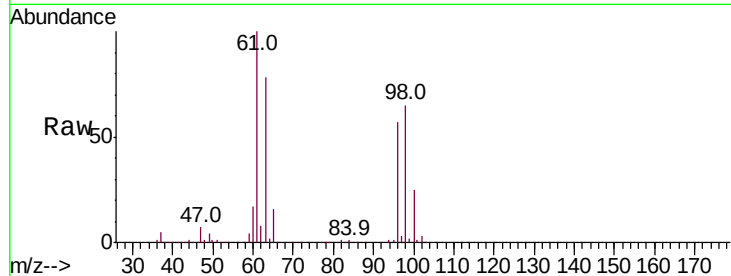




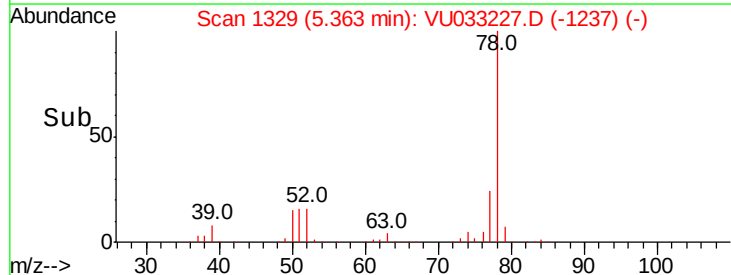
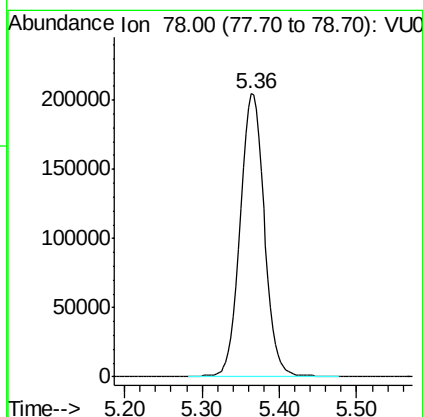
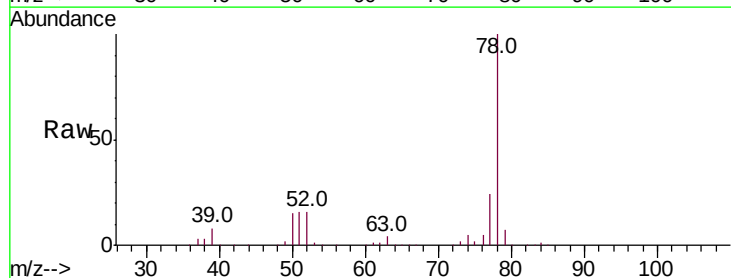
#12
 1,1-Dichloroethene
 Concen: 49.355 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VU033227.D
 Acq: 12 Jul 2019 17:22

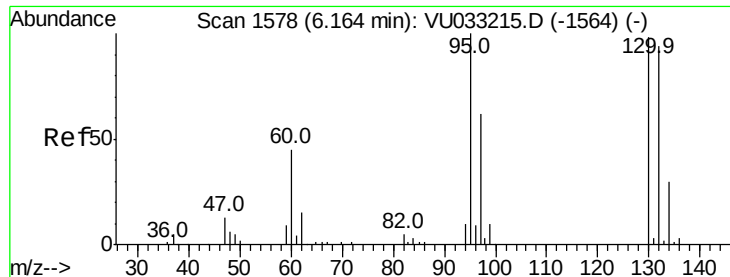
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MSD

Tot Ion: 96 Resp: 101987
 Ion Ratio Lower Upper
 96 100
 61 175.2 126.1 234.1
 63 137.5 96.8 179.8



#33
 Benzene
 Concen: 49.642 ug/L
 RT: 5.36 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VU033227.D
 Acq: 12 Jul 2019 17:22
 Tgt Ion: 78 Resp: 445185





#34

Trichloroethene

Concen: 47.715 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033227.D

Acq: 12 Jul 2019 17:22

Instrument :

MSVOA_U

ClientSampleId :

DB8X2MSD

Tot Ion: 95 Resp: 111910

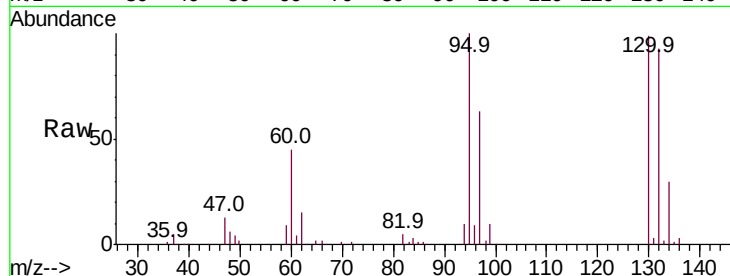
Ion Ratio Lower Upper

95 100

97 63.3 43.8 81.4

132 93.5 65.5 121.6

130 98.7 69.7 129.5

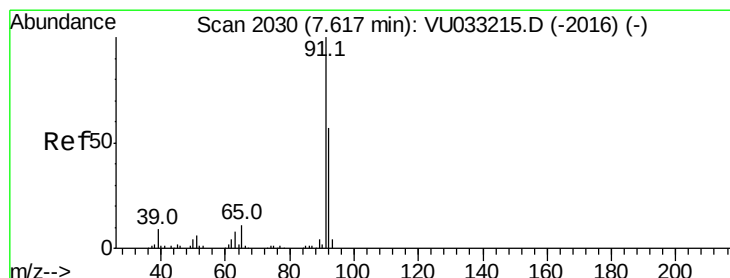
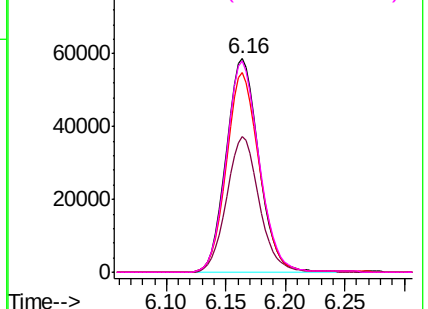
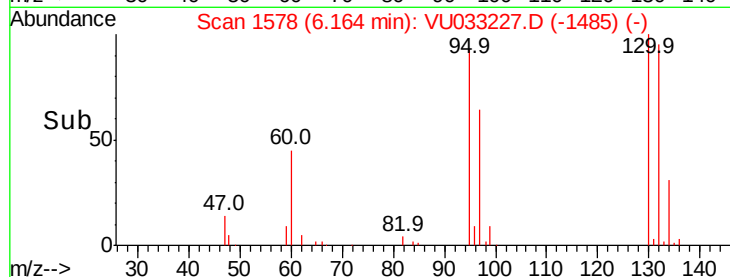


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 49.524 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033227.D

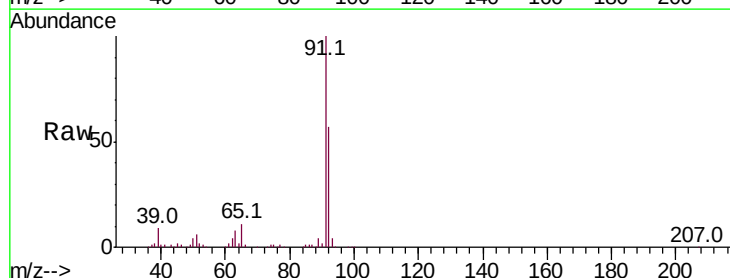
Acq: 12 Jul 2019 17:22

Tgt Ion: 91 Resp: 478818

Ion Ratio Lower Upper

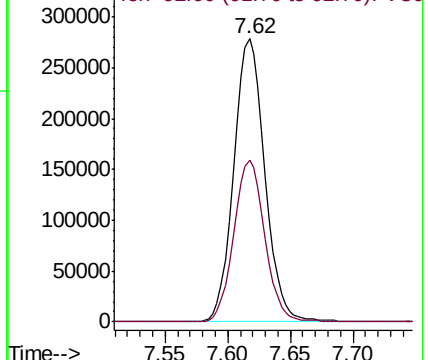
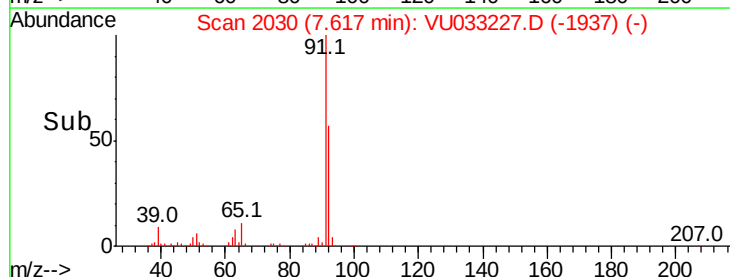
91 100

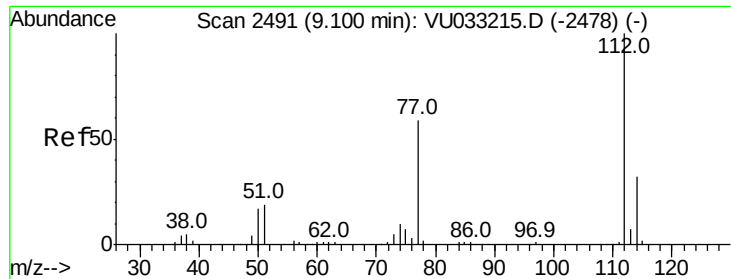
92 57.3 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 49.057 ug/L
 RT: 9.10 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: VU033227.D
 Acq: 12 Jul 2019 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8X2MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	57.8	47.2	70.8

