

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062818\
 Data File : VV006492.D
 Acq On : 28 Jun 2018 16:36
 Operator : SY/MD
 Sample : J3615-02
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT8

Quant Time: Jun 29 04:05:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 29 03:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	315105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	128014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113518	5.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.60%
7) Chloroethane-d5	1.58	69	90129	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	146763	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.97	46	206739	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.41	84	174276	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	83949	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	383925	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	112182	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	340998	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	33127	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	160211	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71696	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	122842	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

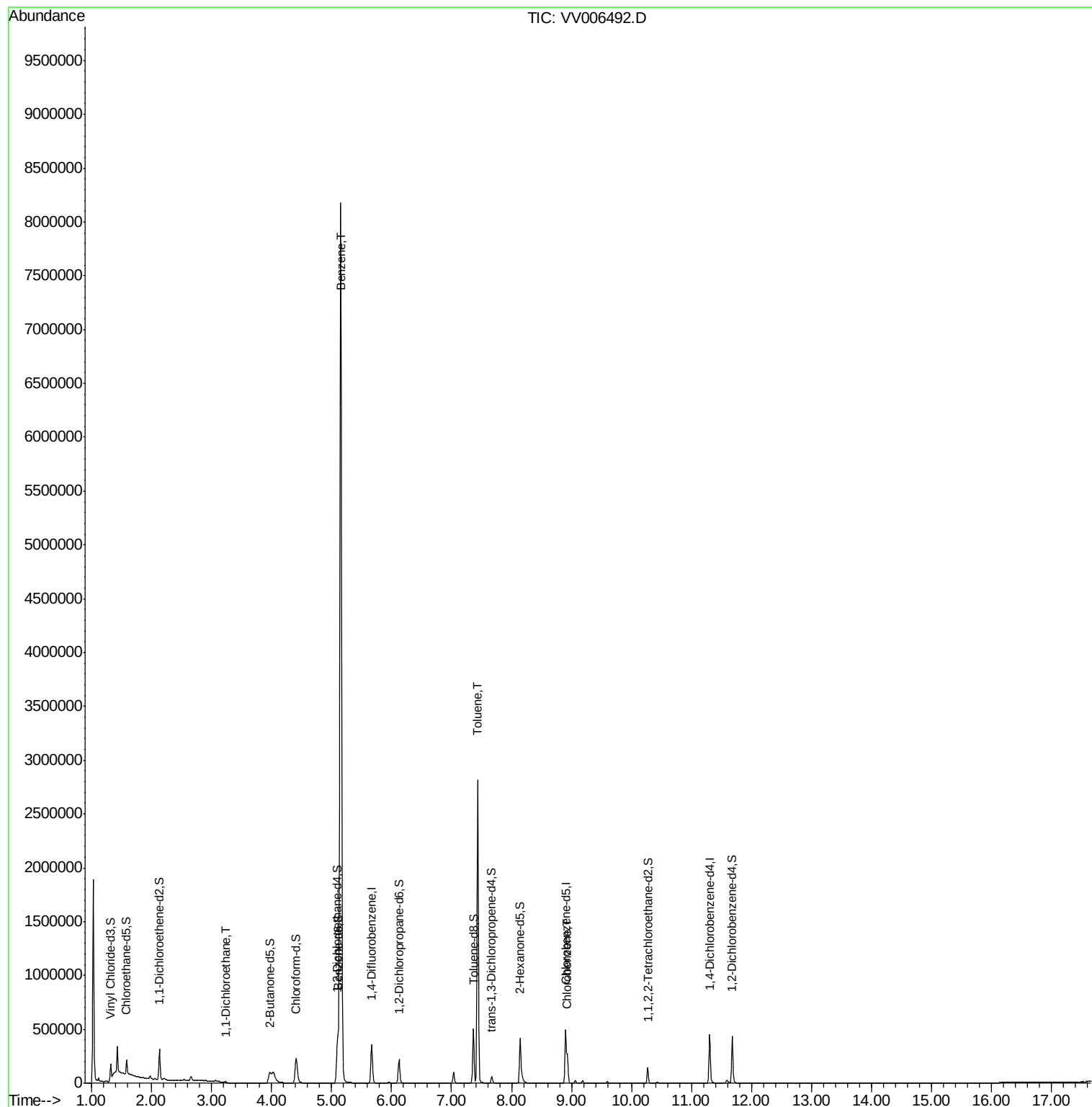
Target Compounds					Ovalue
19) 1,1-Dichloroethane	3.23	63	10735	0.29 ug/L	97
33) Benzene	5.15	78	8375889	99.40 ug/L	100
42) Toluene	7.44	91	2065778	23.15 ug/L	100
51) Chlorobenzene	8.93	112	141534	2.40 ug/L	99

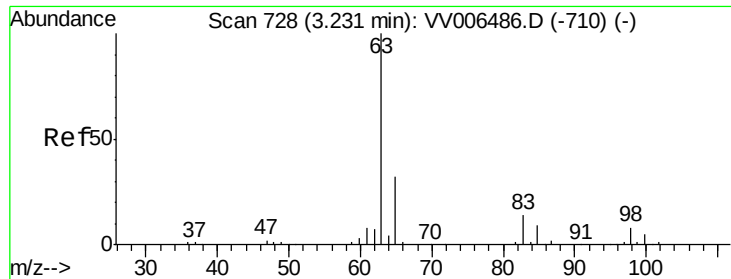
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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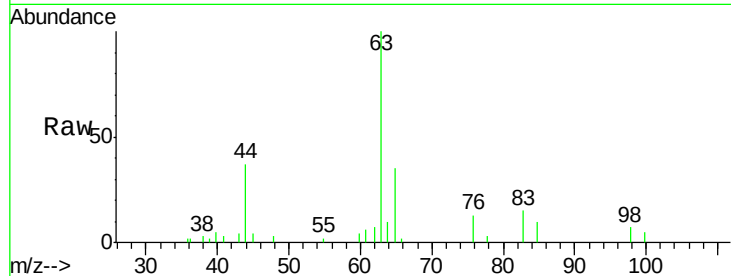




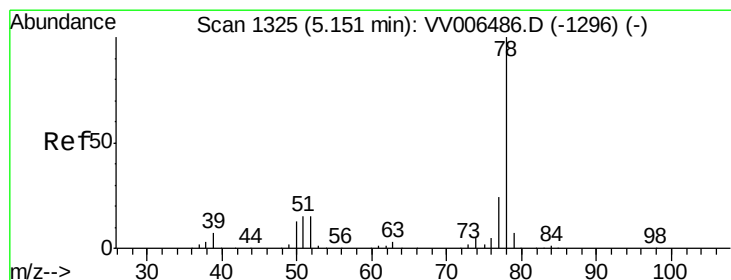
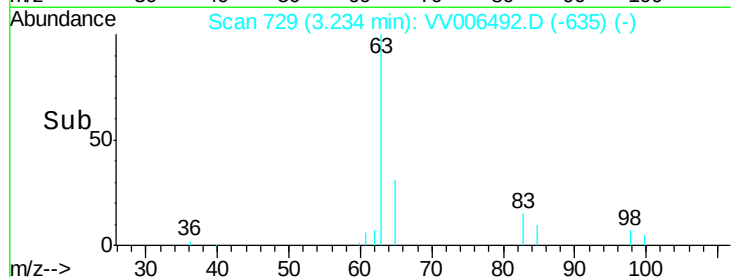
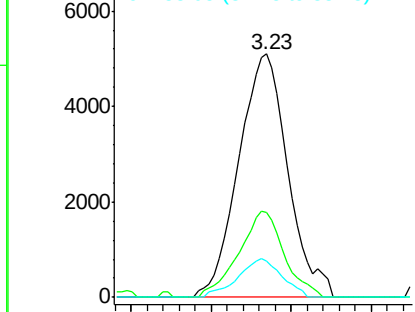
#19
 1,1-Dichloroethane
 Concen: 0.29 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV006492.D
 Acq: 28 Jun 2018 16:36

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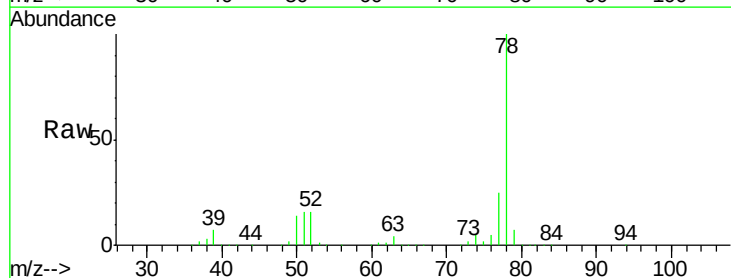
Tot Ion: 63 Resp: 10735
 Ion Ratio Lower Upper
 63 100
 65 33.6 22.2 41.2
 83 13.6 9.2 17.2



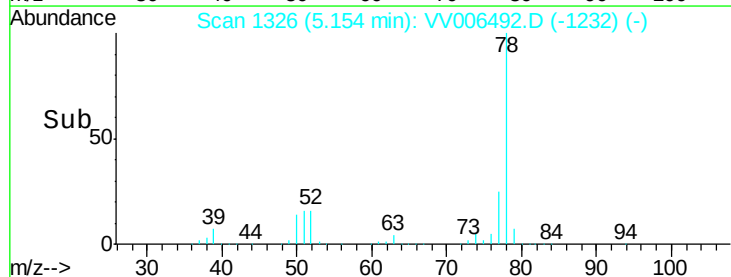
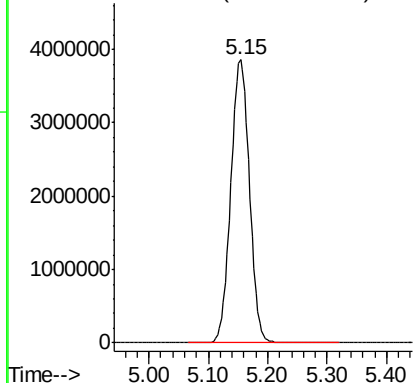
Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

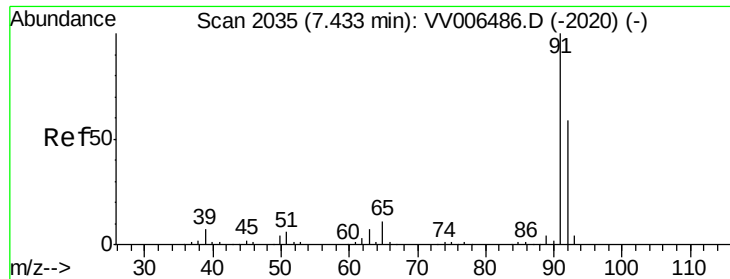


#33
 Benzene
 Concen: 99.40 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006492.D
 Acq: 28 Jun 2018 16:36
 Tgt Ion: 78 Resp: 8375889



Abundance Ion 78.10 (77.80 to 78.80): VV0





#42

Toluene

Concen: 23.15 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006492.D

Acq: 28 Jun 2018 16:36

Instrument :

MSVOA_V

ClientSampleId :

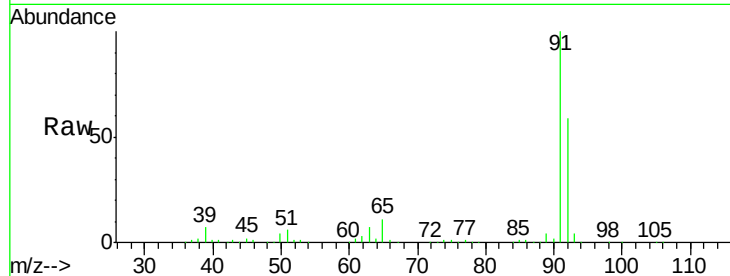
BEXT8

Tot Ion: 91 Resp: 2065778

Ion Ratio Lower Upper

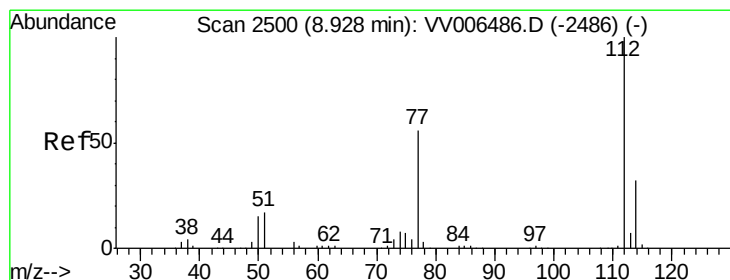
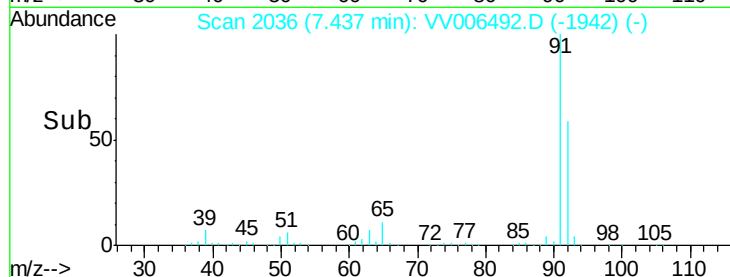
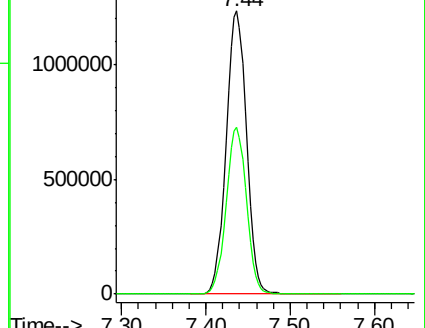
91 100

92 58.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV006486.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006492.D (-1942) (-)



#51

Chlorobenzene

Concen: 2.40 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VV006492.D

Acq: 28 Jun 2018 16:36

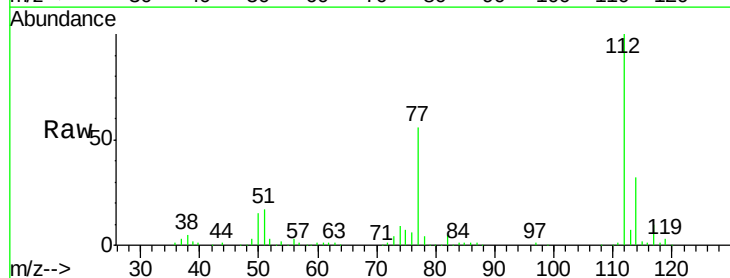
Tgt Ion: 112 Resp: 141534

Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 56.1 44.6 66.8



Abundance Ion 112.10 (111.80 to 112.80): VV006486.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV006492.D (-2407) (-)

Ion 77.10 (76.80 to 77.80): VV006486.D (-2486) (-)

