

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007828.D
 Acq On : 24 Sep 2018 20:13
 Operator : SY/MD
 Sample : J5043-03MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE2MSD

Quant Time: Sep 25 04:44:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223024	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40330	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.54%
7) Chloroethane-d5	1.58	69	44426	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.66%
11) 1,1-Dichloroethene-d2	2.14	63	117049	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
21) 2-Butanone-d5	3.95	46	66497	83.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.06%
24) Chloroform-d	4.41	84	105115	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.09	65	71655	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
32) Benzene-d6	5.11	84	203498	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.62%
36) 1,2-Dichloropropane-d6	6.13	67	63140	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.76%
41) Toluene-d8	7.36	98	207351	39.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.58%#
43) trans-1,3-Dichloropropene-	7.67	79	28767	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.50%
47) 2-Hexanone-d5	8.14	63	51250	79.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	96782	42.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	100493	43.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.04%

Target Compounds

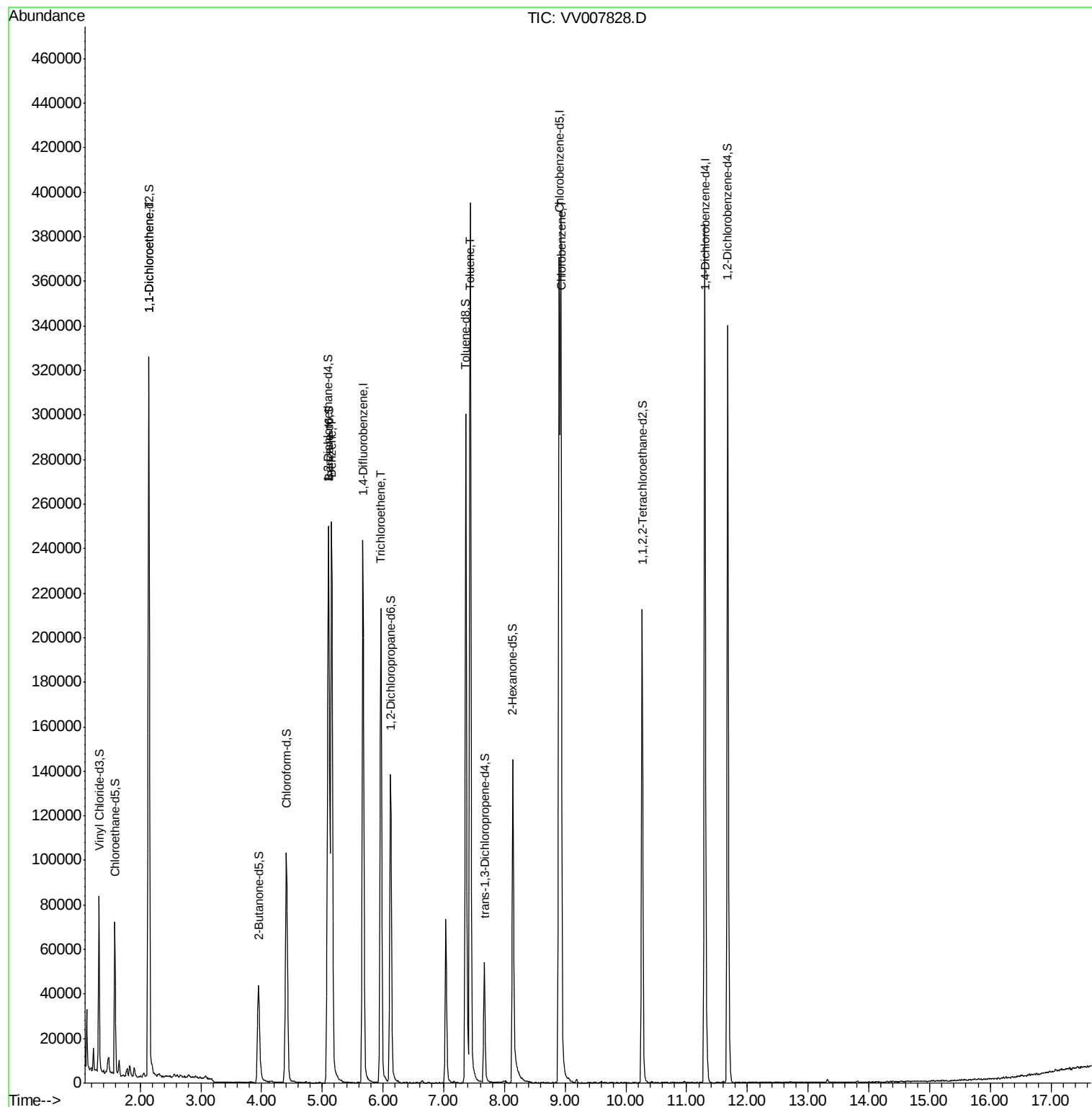
					Ovalue
12) 1,1-Dichloroethene	2.15	96	70474	47.642	ug/L 94
33) Benzene	5.15	78	248457	47.811	ug/L 100
34) Trichloroethene	5.96	95	68328	44.458	ug/L 99
42) Toluene	7.44	91	298768	48.502	ug/L 100
51) Chlorobenzene	8.93	112	206985	46.648	ug/L 98

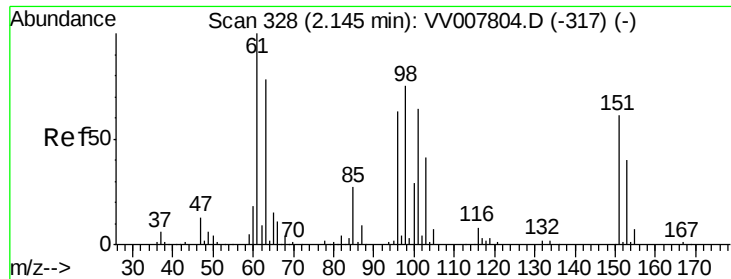
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 47.642 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007828.D

Acq: 24 Sep 2018 20:13

Instrument :
MSVOA_V
ClientSampleId :
E5FE2MSD

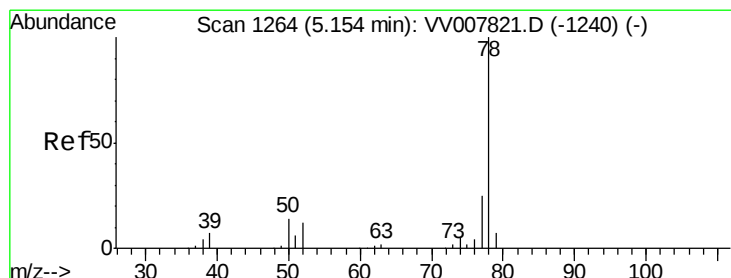
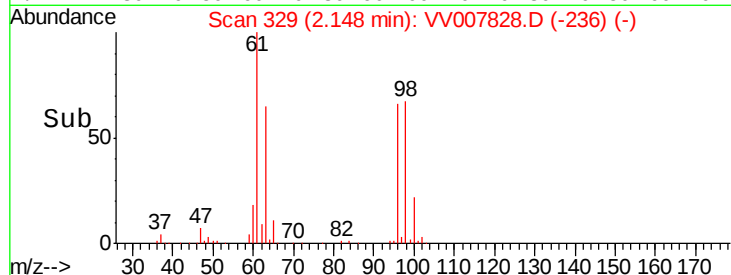
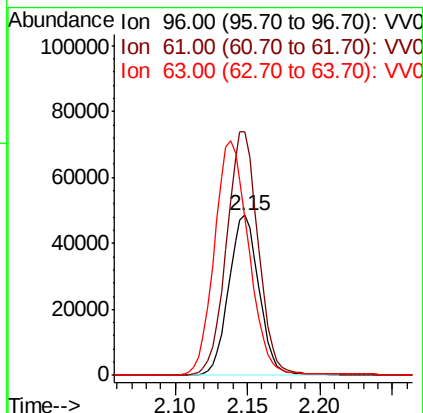
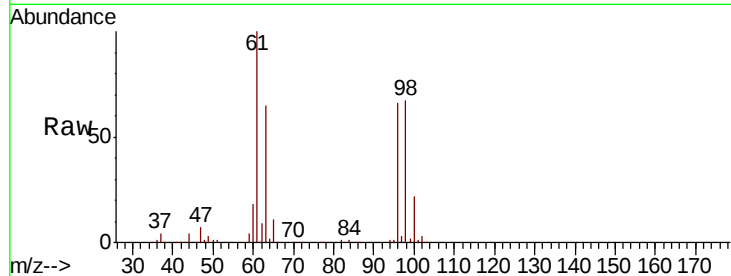
Tot Ion: 96 Resp: 70474

Ion Ratio Lower Upper

96 100

61 152.0 107.3 199.3

63 98.7 78.8 146.4



#33

Benzene

Concen: 47.811 ug/L

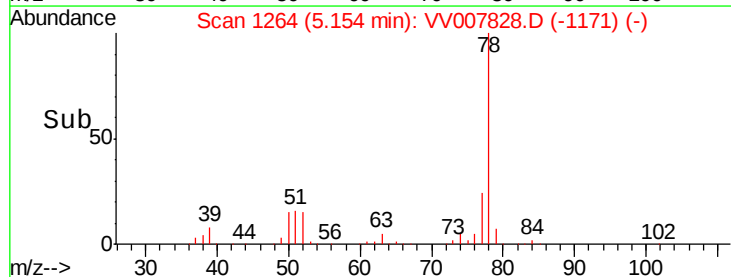
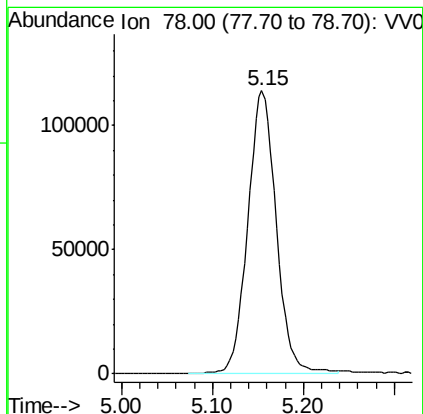
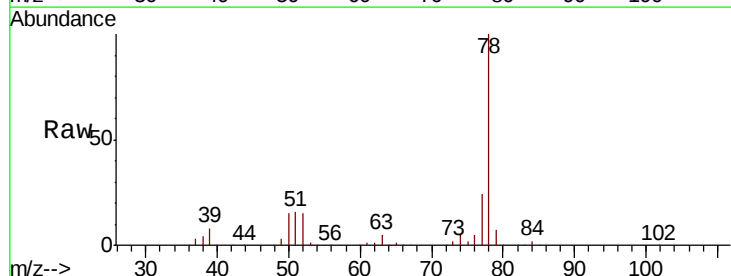
RT: 5.15 min Scan# 1264

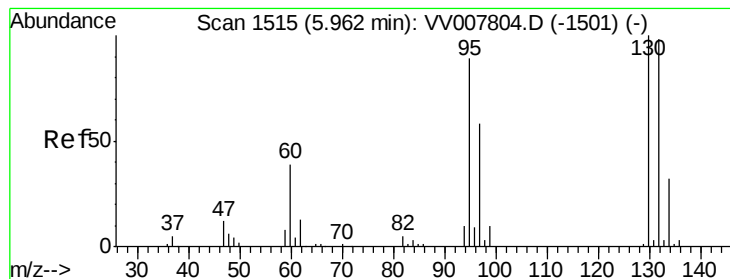
Delta R.T. 0.00 min

Lab File: VV007828.D

Acq: 24 Sep 2018 20:13

Tgt Ion: 78 Resp: 248457





#34

Trichloroethene

Concen: 44.458 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007828.D

Acq: 24 Sep 2018 20:13

Instrument :

MSVOA_V

ClientSampleId :

E5FE2MSD

Tot Ion: 95 Resp: 68328

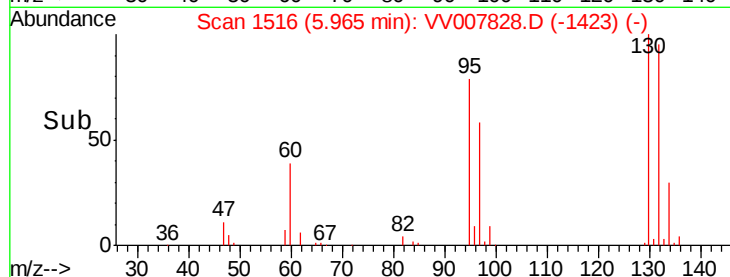
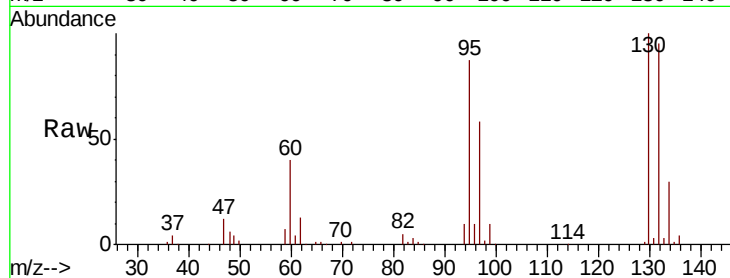
Ion Ratio Lower Upper

95 100

97 66.7 45.2 84.0

132 109.4 77.7 144.3

130 114.8 79.7 148.1

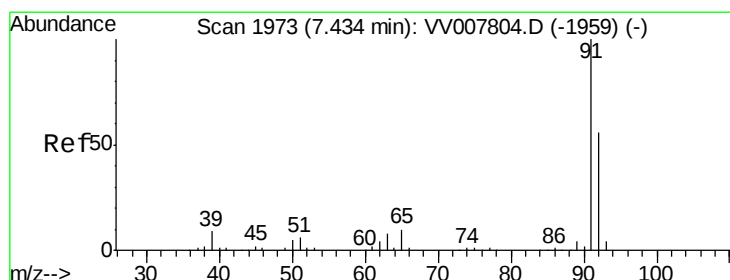
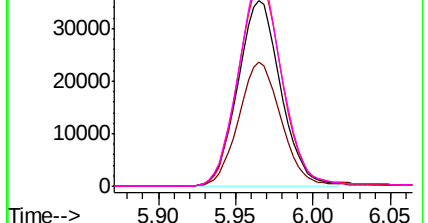


Abundance Ion 95.00 (94.70 to 95.70): VV007804.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV007804.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV007804.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV007804.D (-1501) (-)



#42

Toluene

Concen: 48.502 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007828.D

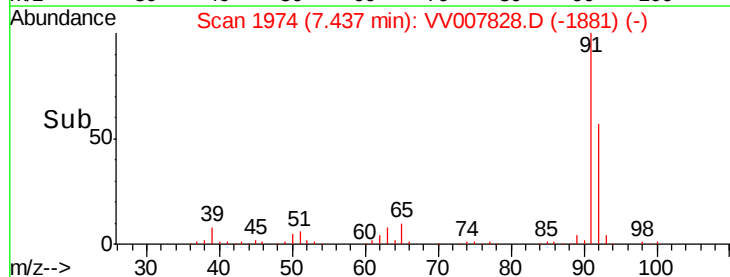
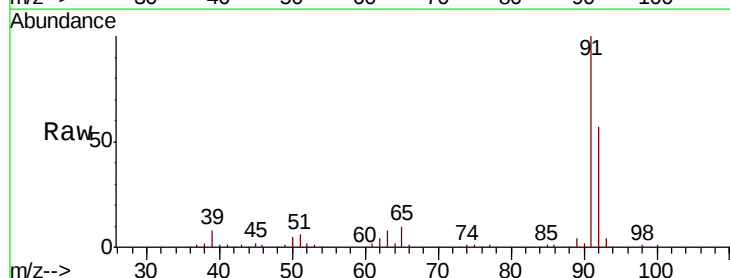
Acq: 24 Sep 2018 20:13

Tgt Ion: 91 Resp: 298768

Ion Ratio Lower Upper

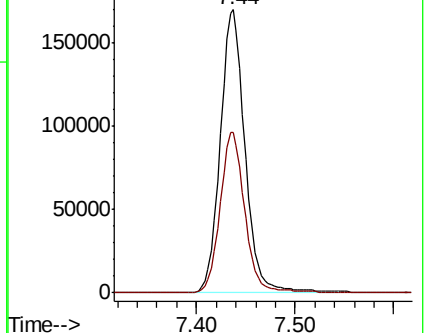
91 100

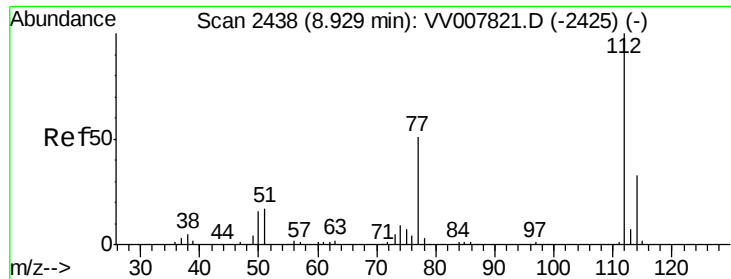
92 56.7 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VV007804.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV007804.D (-1959) (-)





#51
 Chlorobenzene
 Concen: 46.648 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007828.D
 Acq: 24 Sep 2018 20:13

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FE2MSD

Tot Ion:	112	Resp:	206985
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	52.6	40.6	60.8

