

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
 Data File : VW003425.D
 Acq On : 22 Jun 2018 14:21
 Operator : SY/AP
 Sample : J3621-22MS
 Misc : 7.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ96MS

Quant Time: Jun 23 03:30:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 02:14:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	126210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76035	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
7) Chloroethane-d5	2.89	69	68055	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.01	63	169375	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.40%
20) 2-Butanone-d5	7.10	46	65747	55.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.54%
24) Chloroform-d	7.65	84	165259	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	8.31	65	108276	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.28	84	304839	21.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.12%
33) 1,2-Dichloropropane-d6	9.28	67	105503	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.33	98	281343	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.20%
38) trans-1,3-Dichloropropene-	10.58	79	46718	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	10.93	63	48358	51.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.12%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104631	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	13.87	152	115611	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

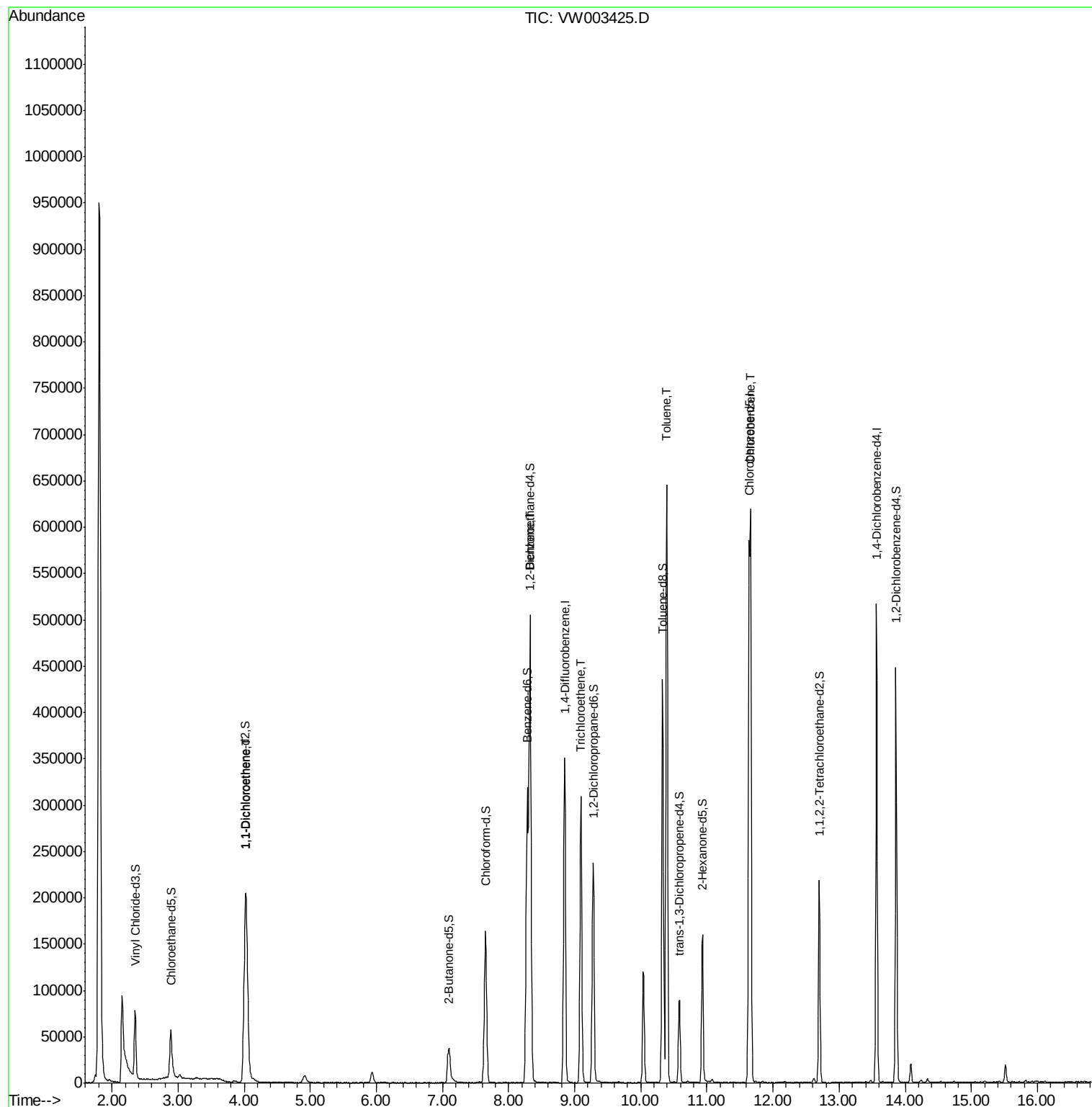
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.03	96	89390	25.69	ug/L	95
34) Benzene	8.33	78	413823	26.56	ug/L	100
35) Trichloroethene	9.09	95	107107	25.51	ug/L	99
44) Toluene	10.39	91	456496	27.02	ug/L	100
52) Chlorobenzene	11.66	112	287604	26.21	ug/L	100

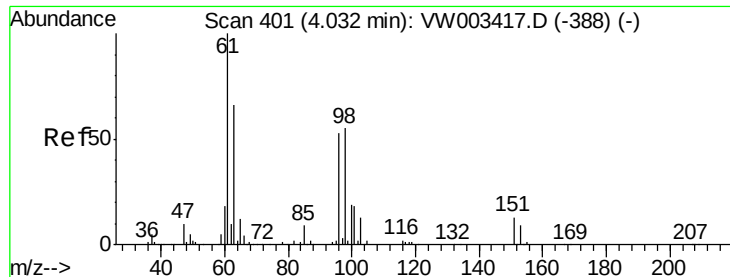
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.69 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MS

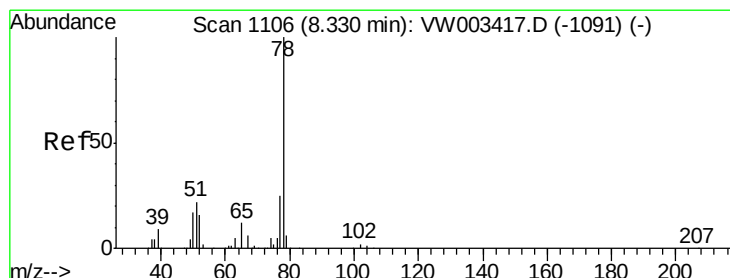
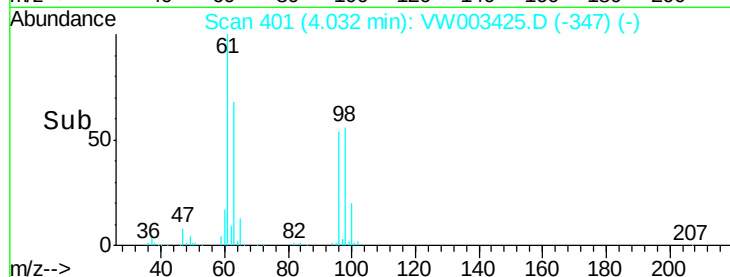
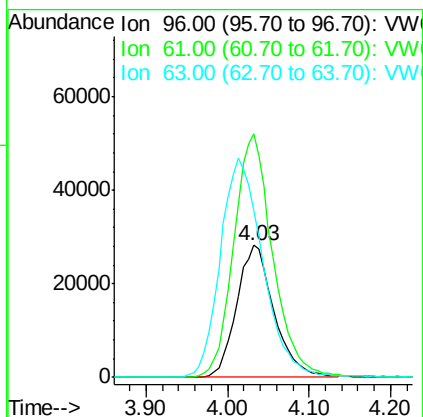
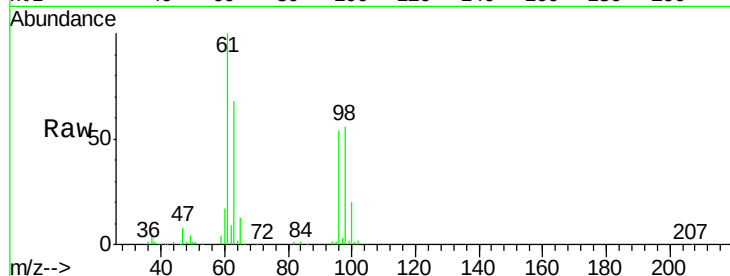
Tot Ion: 96 Resp: 89390

Ion Ratio Lower Upper

96 100

61 184.5 124.1 230.5

63 126.2 93.1 172.9



#34

Benzene

Concen: 26.56 ug/L

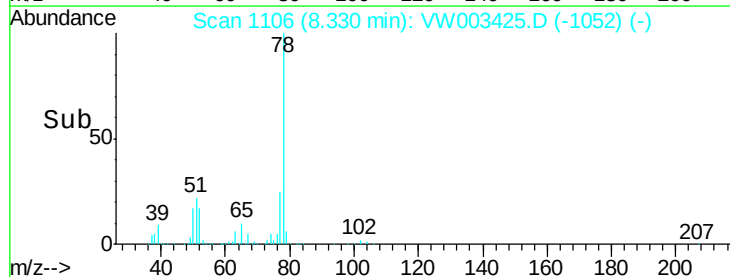
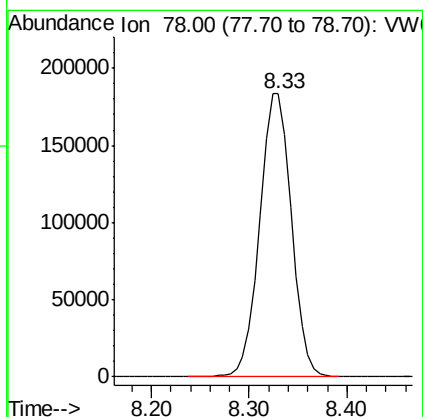
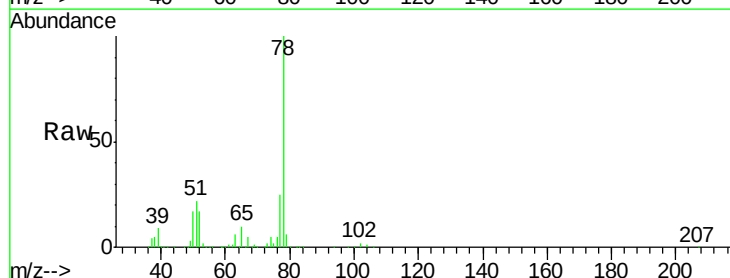
RT: 8.33 min Scan# 1106

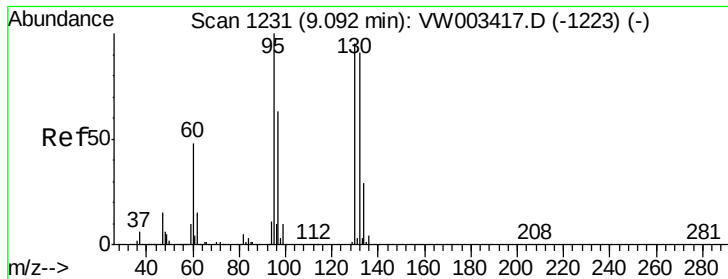
Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Tgt Ion: 78 Resp: 413823





#35

Trichloroethene

Concen: 25.51 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MS

Tot Ion: 95 Resp: 107107

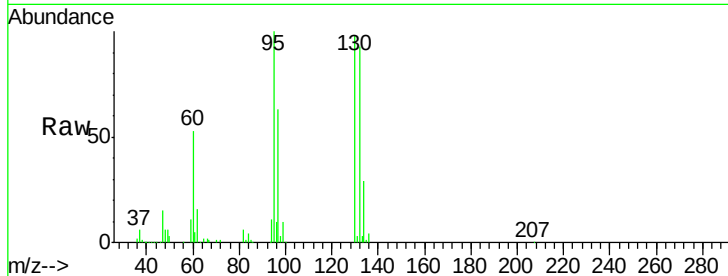
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.6

132 95.8 67.8 125.8

130 99.8 70.6 131.0

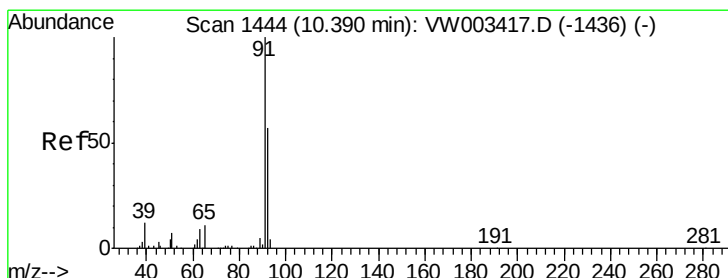
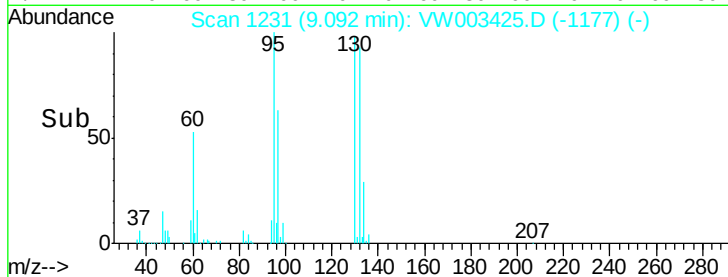
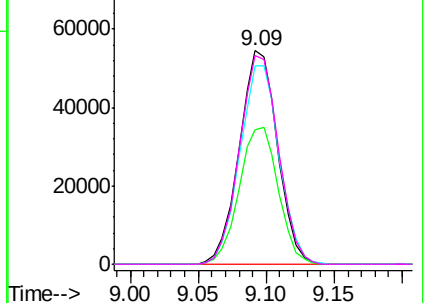


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 27.02 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003425.D

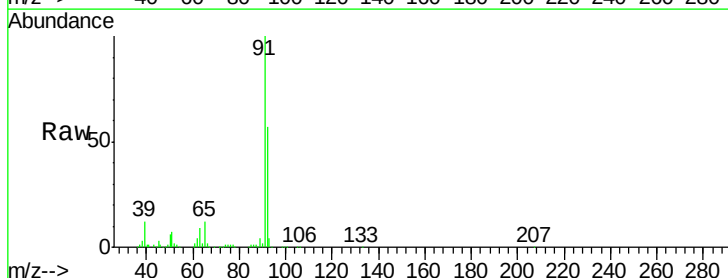
Acq: 22 Jun 2018 14:21

Tgt Ion: 91 Resp: 456496

Ion Ratio Lower Upper

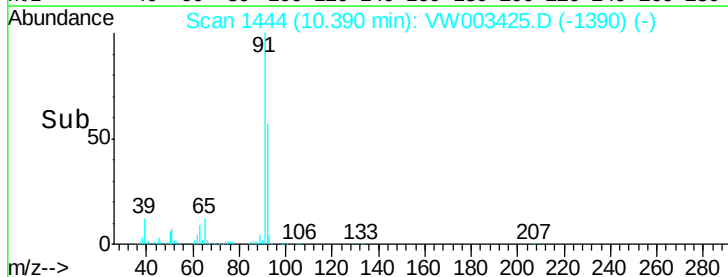
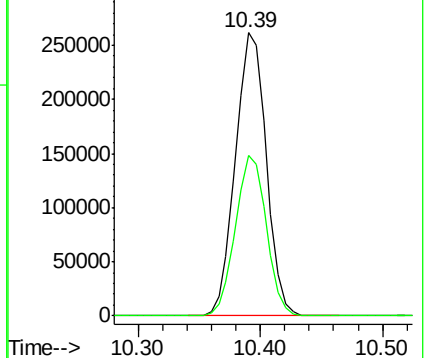
91 100

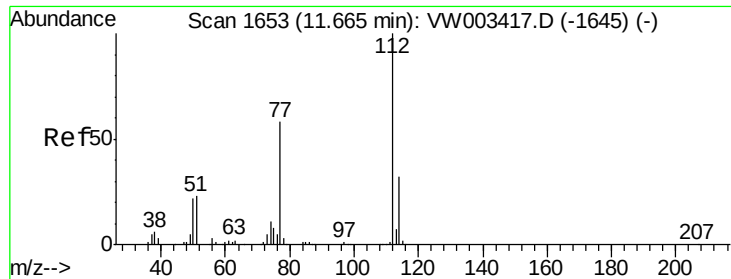
92 56.8 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52
Chlorobenzene
Concen: 26.21 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003425.D
Acq: 22 Jun 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
DAZ96MS

Tot Ion	Ratio	Lower	Upper
112	100		
77	58.7	47.3	70.9
114	31.7	22.2	41.2

