

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003391.D
 Acq On : 21 Jun 2018 16:45
 Operator : SY/AP
 Sample : J3619-04
 Misc : 7.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ68

Quant Time: Jun 22 04:56:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	337414	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320754	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	148699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108971	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
7) Chloroethane-d5	2.89	69	85809	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	164238	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.09	46	82360	57.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.24%
24) Chloroform-d	7.65	84	214710	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	137960	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.64%
29) Benzene-d6	8.27	84	413594	24.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.20%
33) 1,2-Dichloropropane-d6	9.28	67	134844	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	389869	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	10.59	79	61114	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.64%
39) 2-Hexanone-d5	10.93	63	63905	58.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	128465	25.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	145031	25.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.28%

Target Compounds

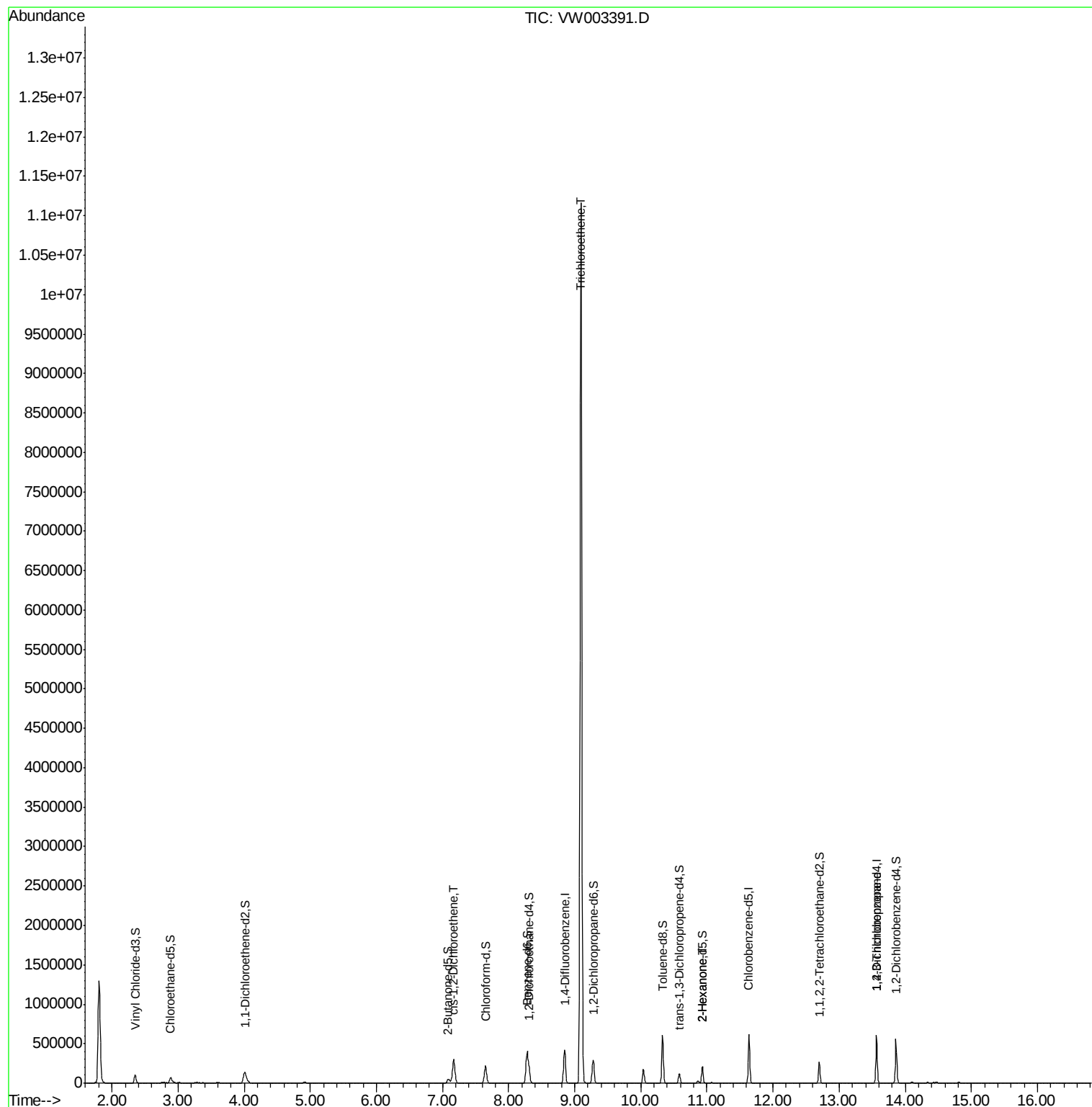
					Qvalue
22) cis-1,2-Dichloroethene	7.17	96	174021	37.260 ug/L	97
35) Trichloroethene	9.09	95	3770014	764.740 ug/L	98
49) 2-Hexanone	10.93	43	8810	3.438 ug/L #	57
59) 1,2,3-Trichloropropane	13.57	75	19055	5.249 ug/L #	86

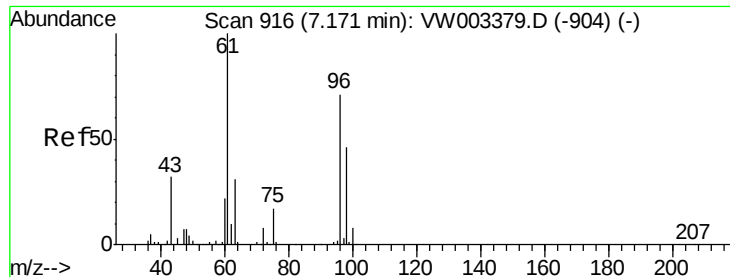
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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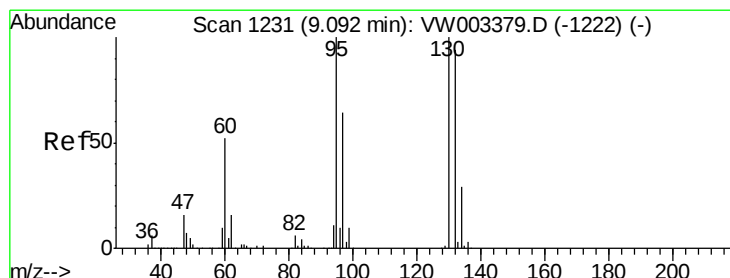
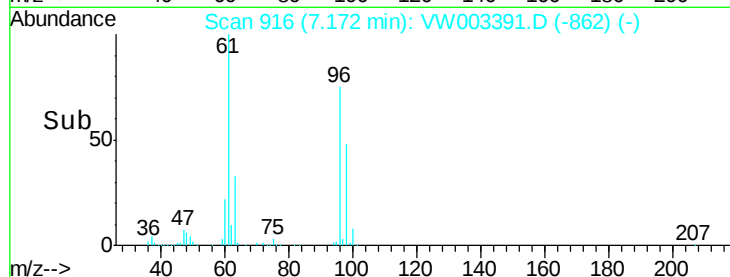
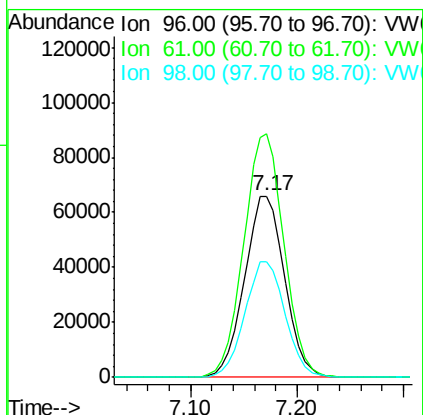
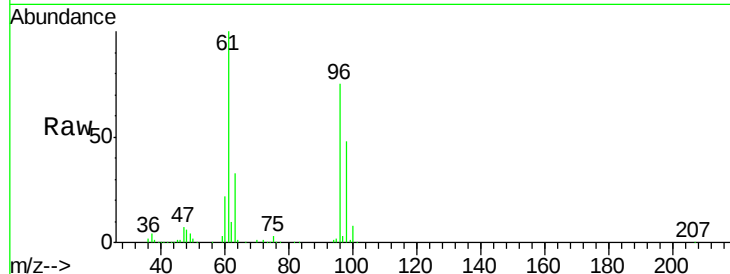


#22

cis-1,2-Dichloroethene
Concen: 37.260 ug/L
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003391.D
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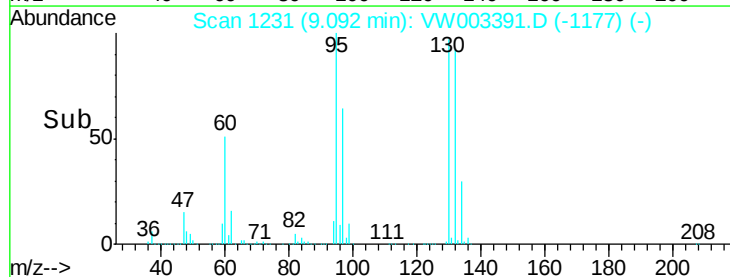
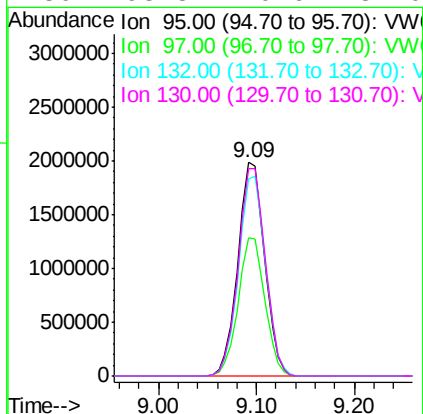
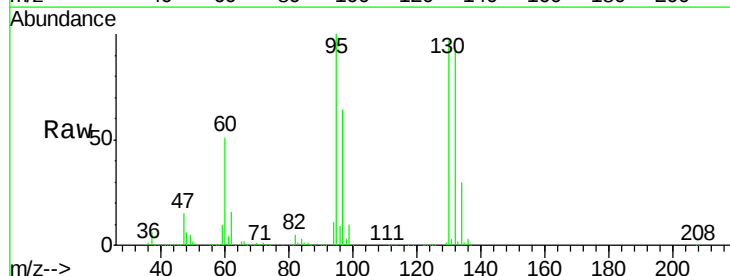
Tgt Ion: 96 Resp: 174021
Ion Ratio Lower Upper
96 100
61 134.1 97.7 181.5
98 63.8 45.0 83.6

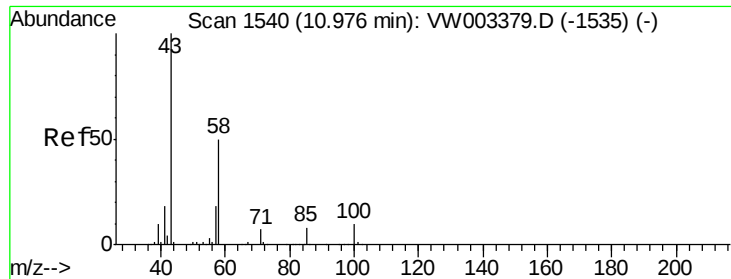


#35

Trichloroethene
Concen: 764.740 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003391.D
Acq: 21 Jun 2018 16:45

Tgt Ion: 95 Resp: 3770014
Ion Ratio Lower Upper
95 100
97 64.7 45.6 84.6
132 94.7 67.8 125.8
130 98.8 70.6 131.0





#49

2-Hexanone

Concen: 3.438 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW003391.D

Acq: 21 Jun 2018 16:45

Instrument :

MSVOA_W

ClientSampleId :

DAZ68

Tgt Ion: 43 Resp: 8810

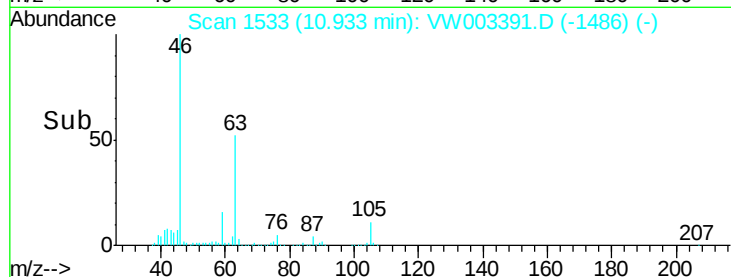
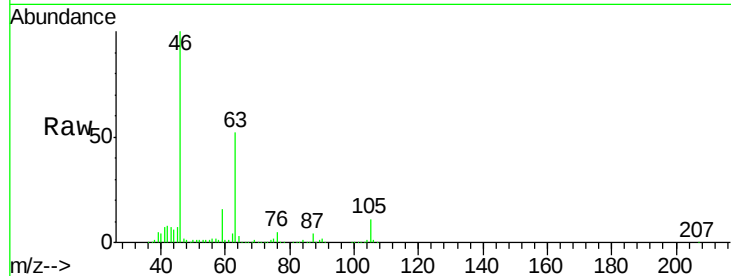
Ion Ratio Lower Upper

43 100

58 14.8 40.4 60.6#

57 31.1 14.6 21.8#

100 1.2 8.6 12.8#

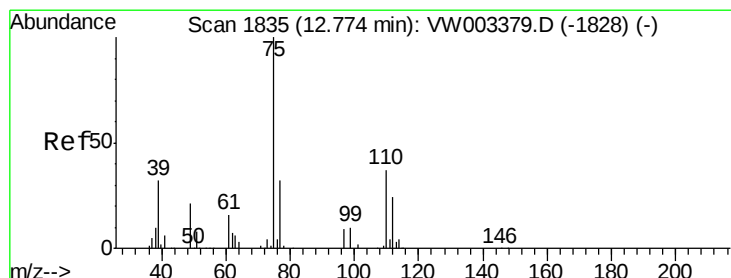
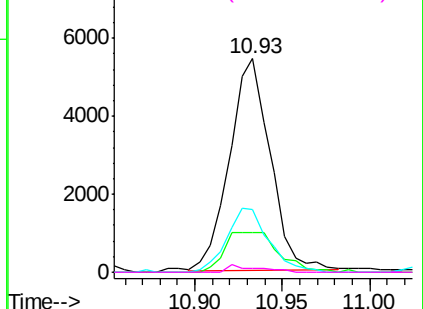


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.249 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003391.D

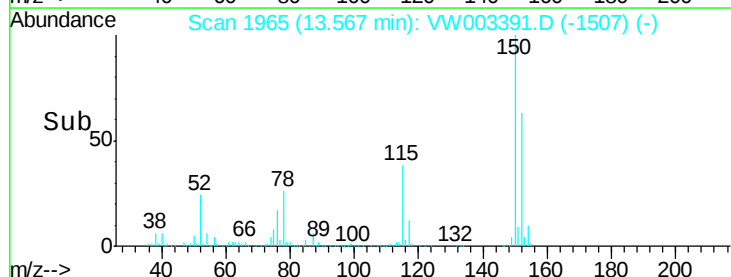
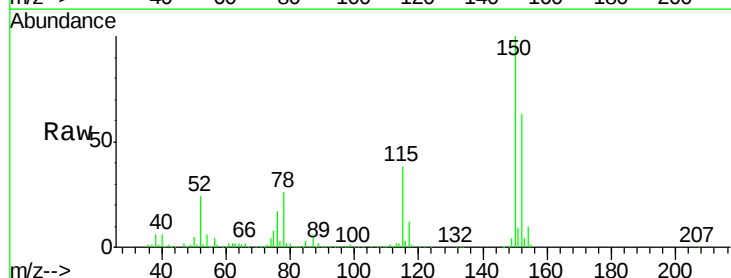
Acq: 21 Jun 2018 16:45

Tgt Ion: 75 Resp: 19055

Ion Ratio Lower Upper

75 100

77 40.3 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

