

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003559.D
 Acq On : 25 Jun 2018 22:37
 Operator : SY/AP
 Sample : J3621-12
 Misc : 6.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ66

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 11:39:54 AM

Quant Time: Jun 26 04:31:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266432	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124077	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71207	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.89	69	60638	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.44%
10) 1,1-Dichloroethene-d2	4.01	63	108479	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.09	46	76808	67.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.92%
24) Chloroform-d	7.65	84	166602	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.31	65	111788	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.27	84	299926	21.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.44%
33) 1,2-Dichloropropane-d6	9.28	67	104731	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.24%
37) Toluene-d8	10.33	98	275691	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.12%
38) trans-1,3-Dichloropropene-	10.58	79	45958	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	56620	62.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	114728	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
61) 1,2-Dichlorobenzene-d4	13.87	152	115008	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8620m	2.35	ug/L
35) Trichloroethene	9.09	95	10715	2.63	ug/L

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

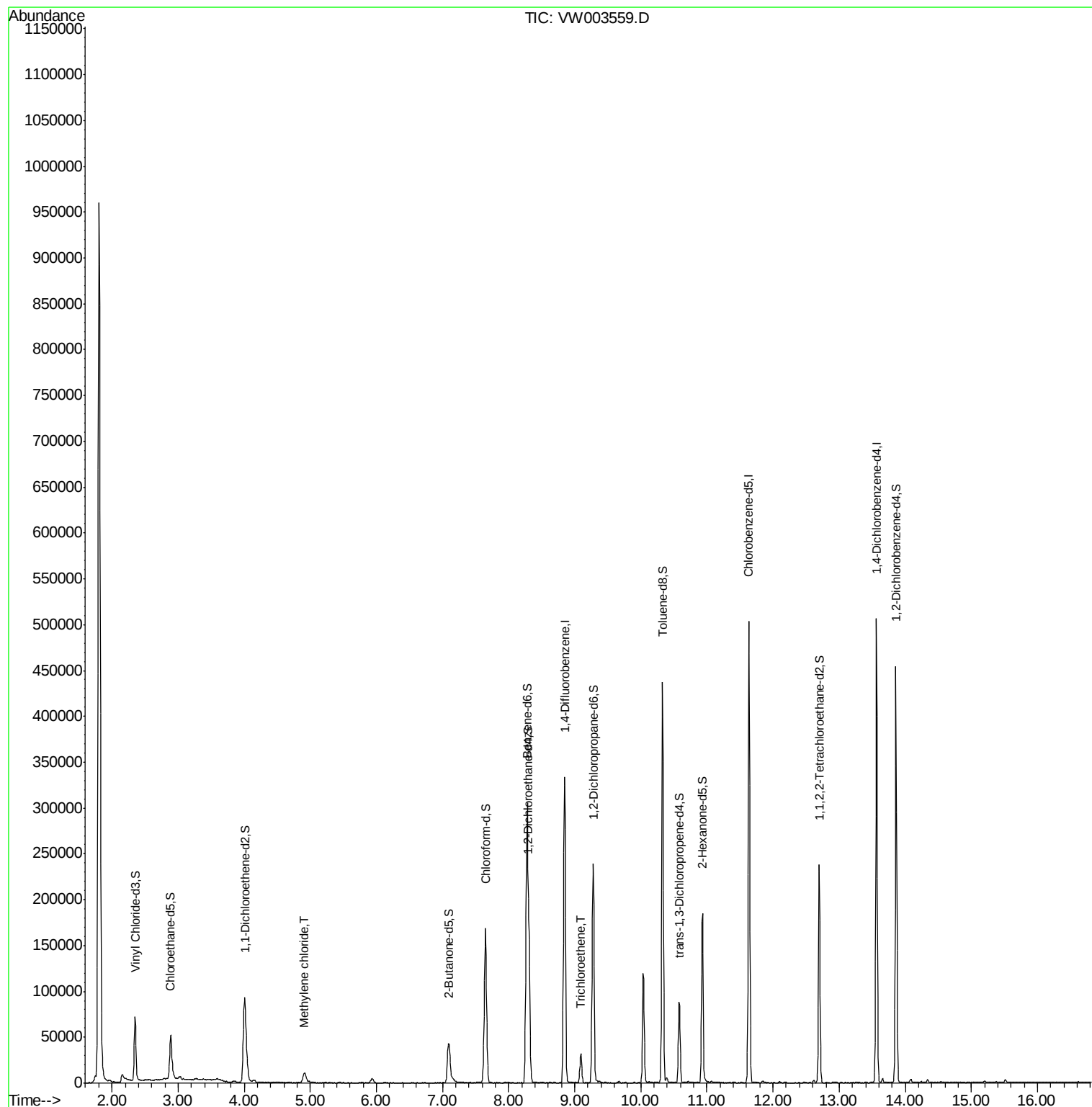
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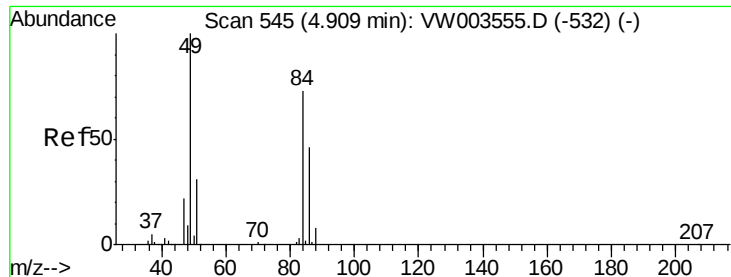
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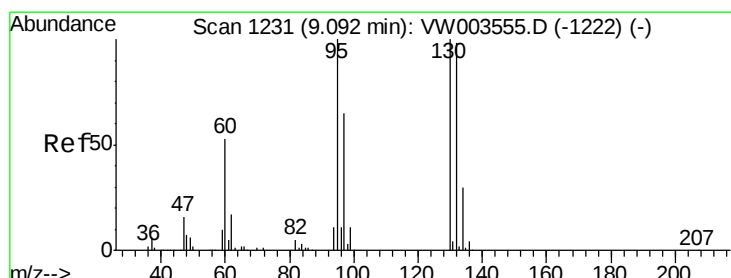
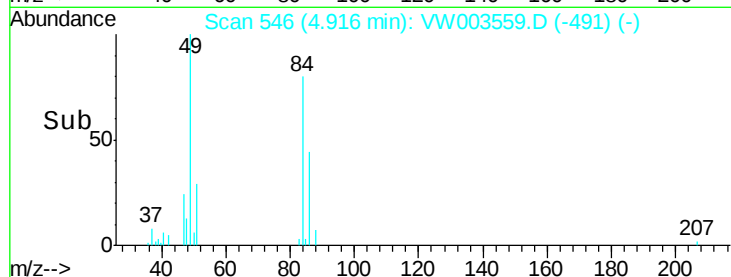
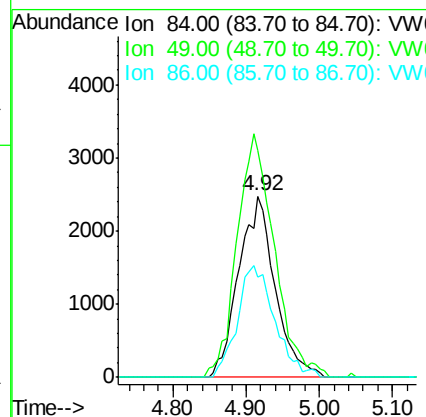
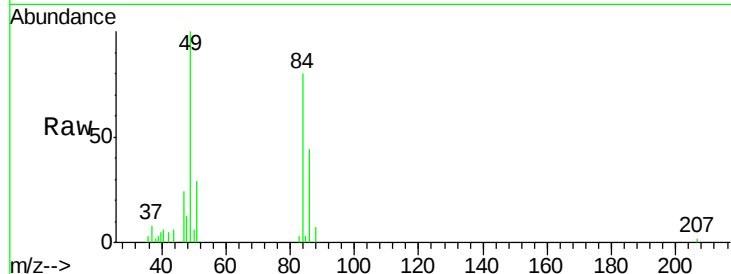
#16
Methvlene chloride
Concen: 2.35 ug/L m
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003559.D
Acq: 25 Jun 2018 22:37

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
84	100		
49	125.2	88.7	164.7
86	55.4	44.2	82.0

Manual Integrations
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#35
Trichloroethene
Concen: 2.63 ug/L
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003559.D
Acq: 25 Jun 2018 22:37

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.6	84.6
132	92.7	67.8	125.8
130	95.1	70.6	131.0

