

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040519\
 Data File : VW009717.D
 Acq On : 05 Apr 2019 07:31
 Operator : SY/VA
 Sample : K2276-15
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF142

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:51 AM

Quant Time: Apr 22 00:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153304	30.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.16%
7) Chloroethane-d5	2.89	69	135919	29.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.24%
10) 1,1-Dichloroethene-d2	4.01	63	248626	23.03	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.12%
20) 2-Butanone-d5	7.07	46	90365	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
24) Chloroform-d	7.64	84	308011	29.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.72%
26) 1,2-Dichloroethane-d4	8.30	65	190112	29.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.32%
29) Benzene-d6	8.27	84	587393	30.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.12%
33) 1,2-Dichloropropane-d6	9.27	67	176148	29.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.64%
37) Toluene-d8	10.32	98	529455	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.12%
38) trans-1,3-Dichloropropene-	10.58	79	76322	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	10.93	63	64690	56.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151624	27.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	181218	32.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.56%#

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	13970m	2.065	ug/L
47) Tetrachloroethene	10.86	164	56084	12.138	ug/L

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

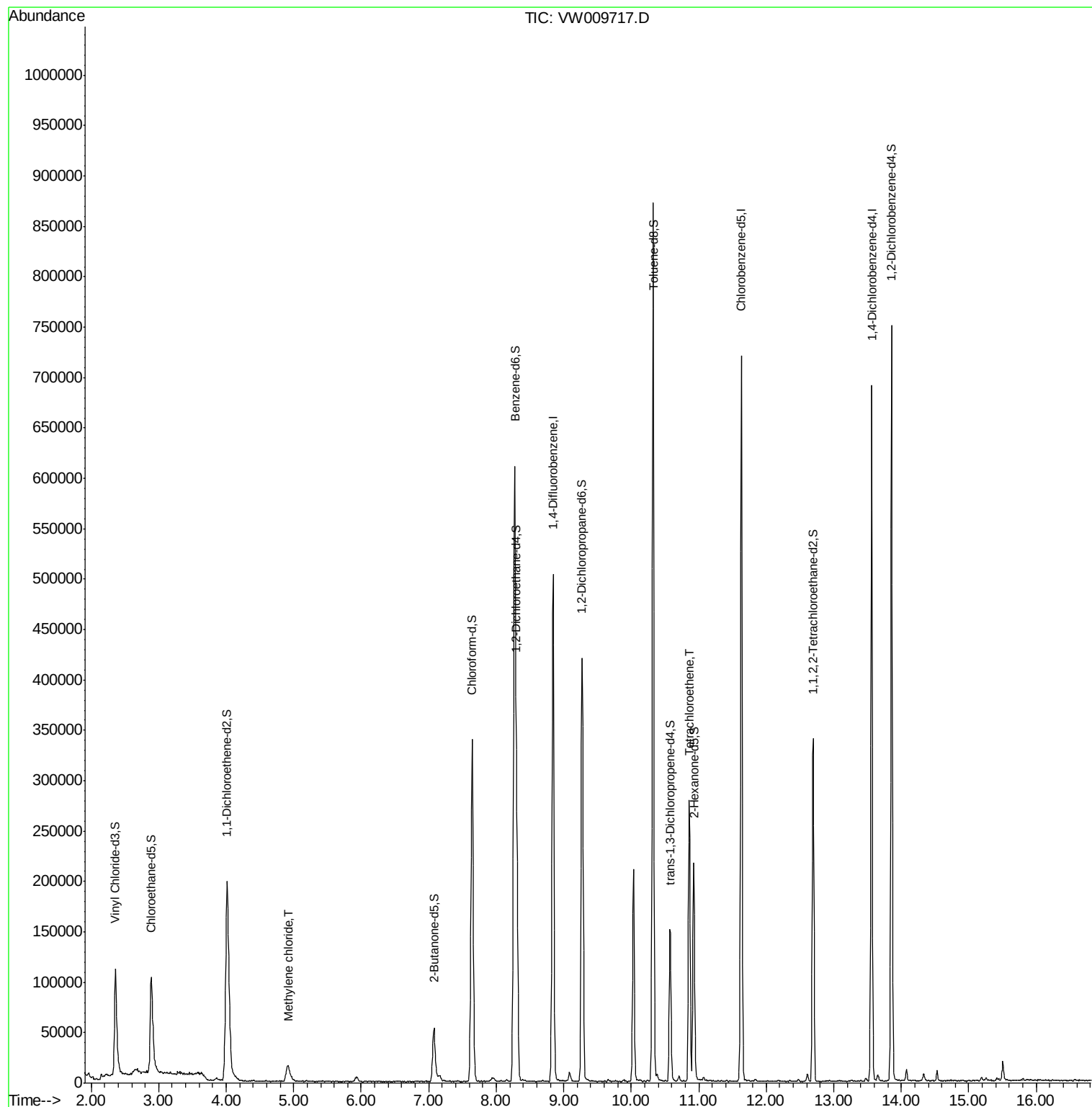
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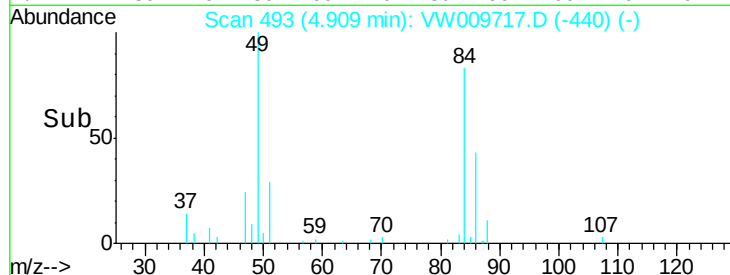
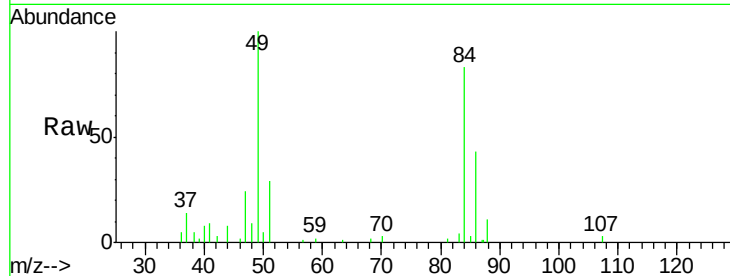
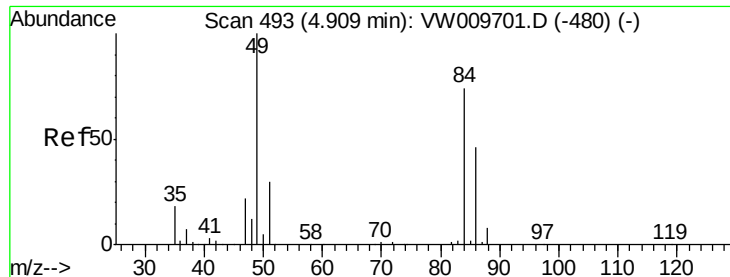
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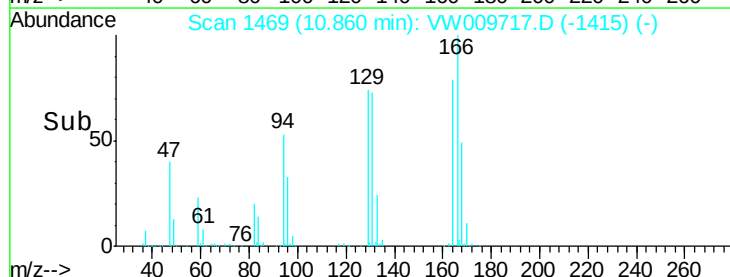
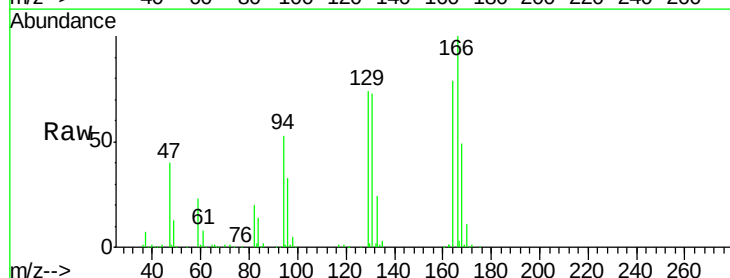
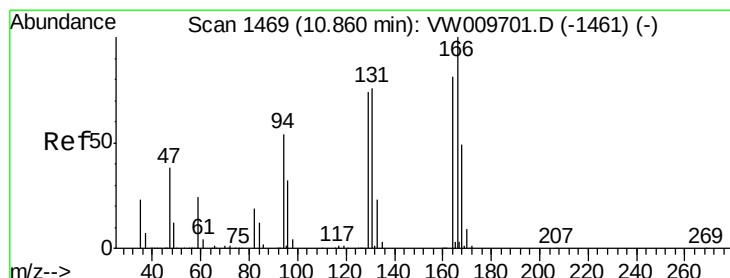
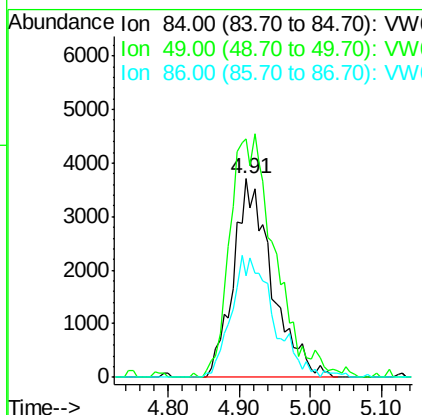
#16
Methylene chloride
Concen: 2.065 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009717.D
Acq: 05 Apr 2019 07:31

Tot Ion	84	Resp	13970
Ion Ratio	100	Lower	Upper
84	100	98.3	182.5
49	120.0	46.4	86.2
86	51.3		

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#47
Tetrachloroethene
Concen: 12.138 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009717.D
Acq: 05 Apr 2019 07:31

Tgt Ion	164	Resp	56084
Ion Ratio	100	Lower	Upper
164	100	68.9	127.9
129	94.5	63.1	117.1
131	92.5	88.5	164.4
166	126.8		

