

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009718.D
 Acq On : 05 Apr 2019 07:58
 Operator : SY/VA
 Sample : K2276-16
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF143

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:52 AM

Quant Time: Apr 05 09:03:52 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	344921	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141056	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127694	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.16%
7) Chloroethane-d5	2.89	69	116035	28.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.24%
10) 1,1-Dichloroethene-d2	4.01	63	218249	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.92%
20) 2-Butanone-d5	7.08	46	101111	69.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.00%#
24) Chloroform-d	7.64	84	269299m	28.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.44%
26) 1,2-Dichloroethane-d4	8.30	65	177551	30.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.92%
29) Benzene-d6	8.27	84	511838	28.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.92%
33) 1,2-Dichloropropane-d6	9.27	67	156806	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.00%
37) Toluene-d8	10.32	98	453959	27.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.24%
38) trans-1,3-Dichloropropene-	10.57	79	70332	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.20%
39) 2-Hexanone-d5	10.92	63	69049	66.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	156778	30.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	165384	33.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.64%#

Target Compounds

					Ovalue
16) Methylene chloride	4.91	84	10575m	1.738	ug/L
22) cis-1,2-Dichloroethene	7.17	96	2315	0.454	ug/L
35) Trichloroethene	9.09	95	2602	0.487	ug/L #
47) Tetrachloroethene	10.86	164	386250	91.772	ug/L

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

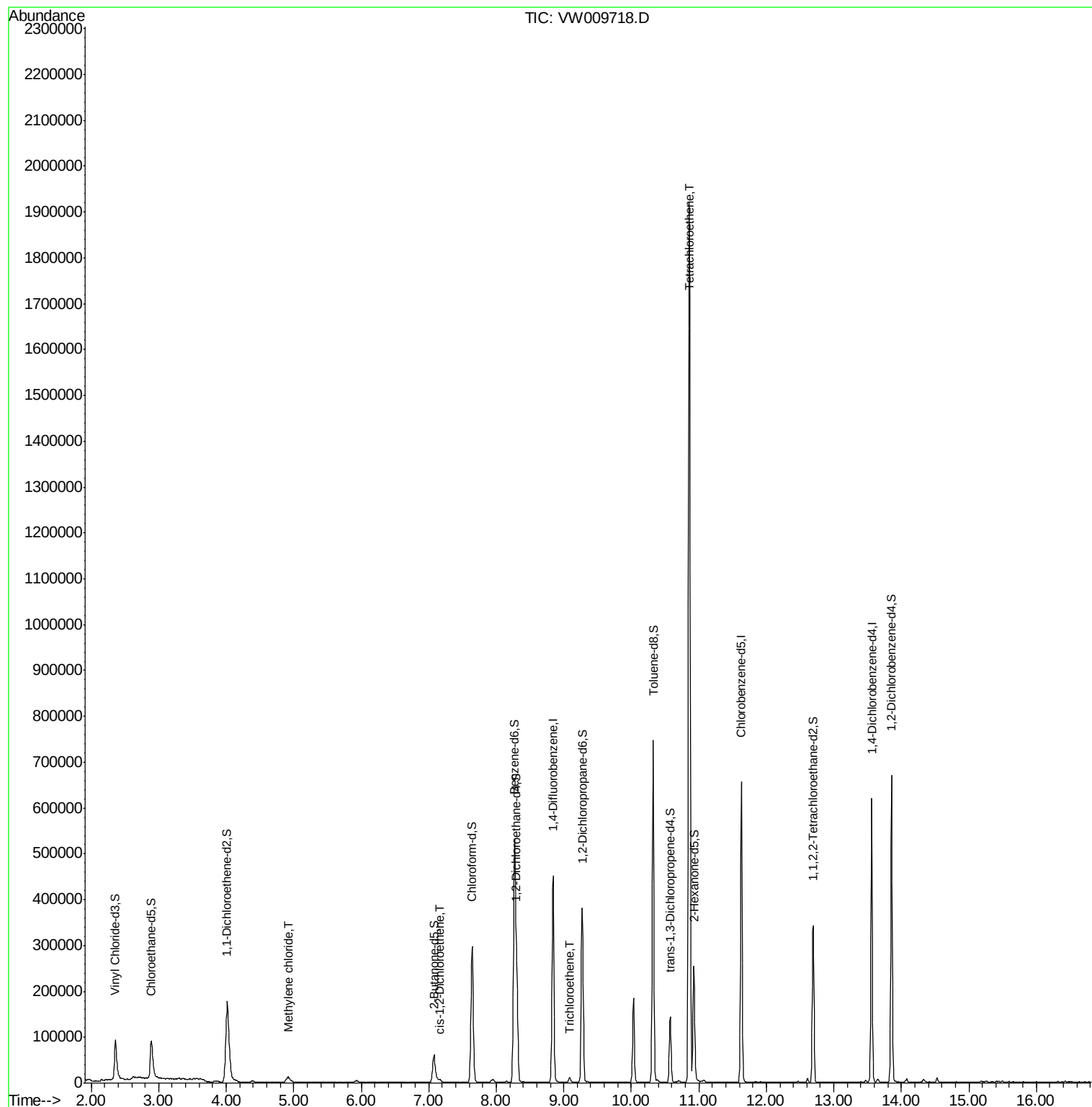
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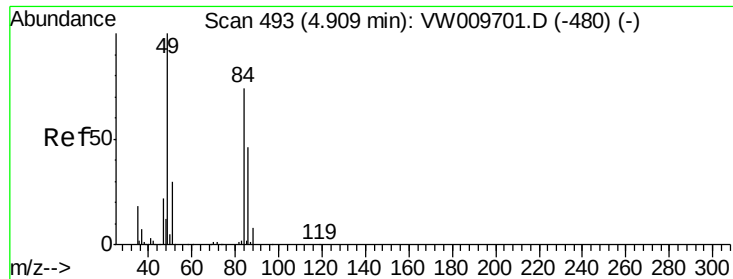
Instrument :
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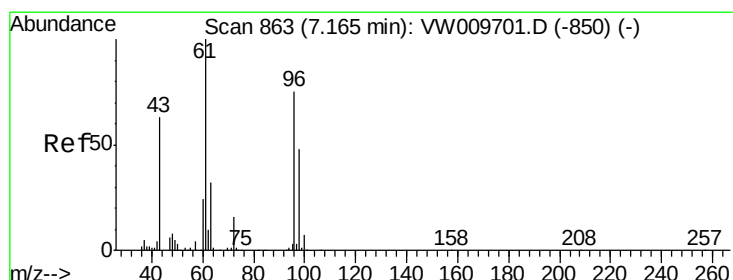
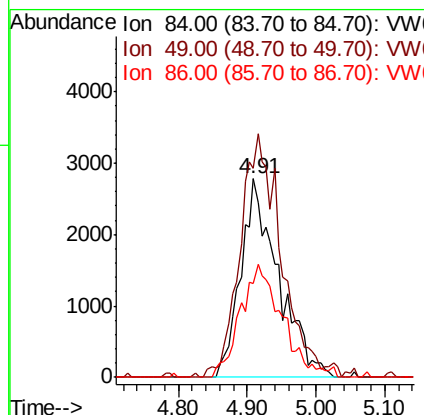
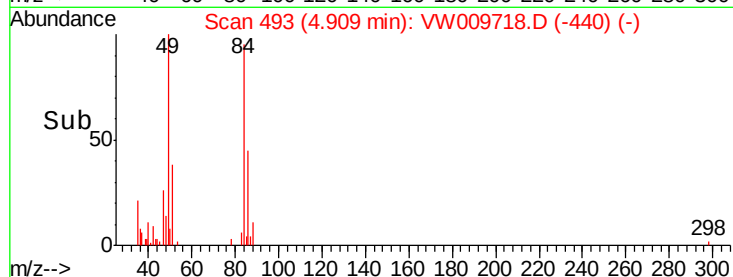
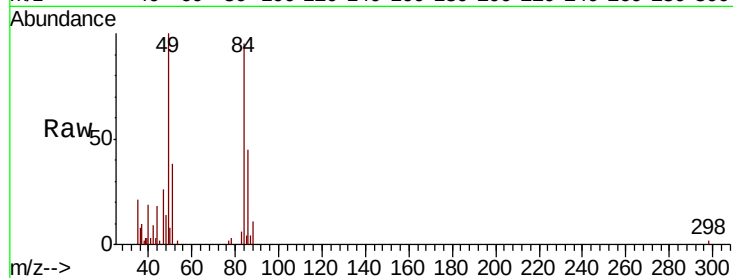
#16
Methylene chloride
Concen: 1.738 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009718.D
Acq: 05 Apr 2019 07:58

Instrument :
MSVOA_W
ClientSampleId :
BF143

Tot Ion	84	Resp	10575
Ion	Ratio	Lower	Upper
84	100		
49	105.5	98.3	182.5
86	47.2	46.4	86.2

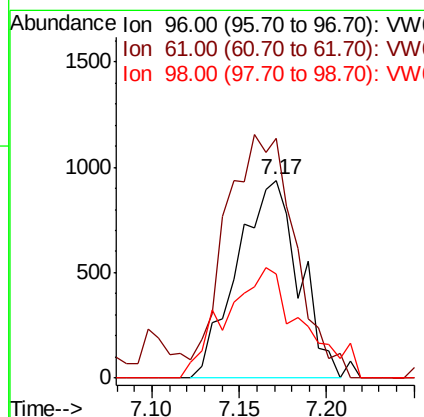
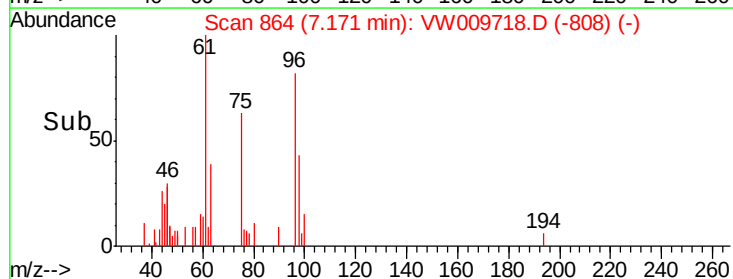
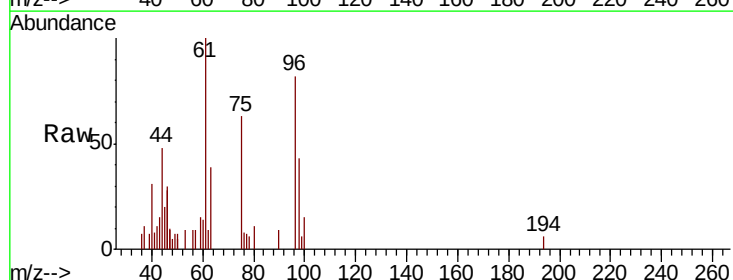
Manual Integrations
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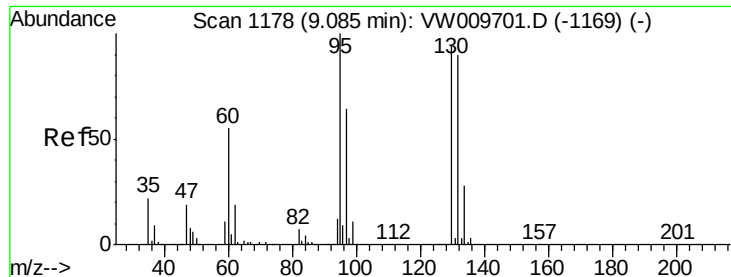
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4/8/2019 3:32:52 AM



#22
cis-1,2-Dichloroethene
Concen: 0.454 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009718.D
Acq: 05 Apr 2019 07:58

Tgt Ion	96	Resp	2315
Ion	Ratio	Lower	Upper
96	100		
61	121.5	96.8	179.8
98	52.5	43.5	80.9





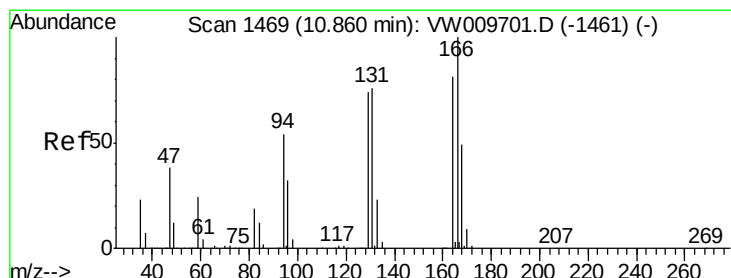
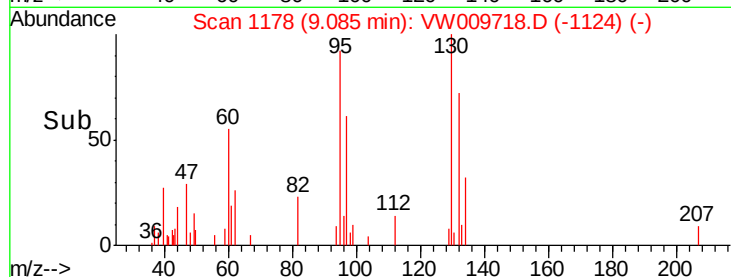
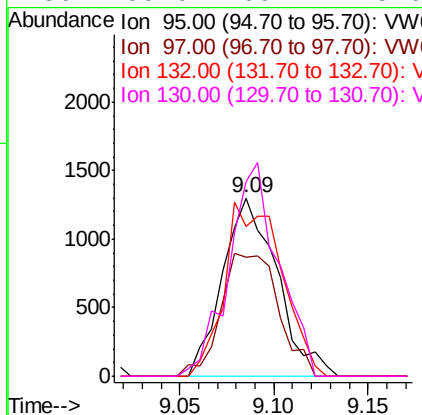
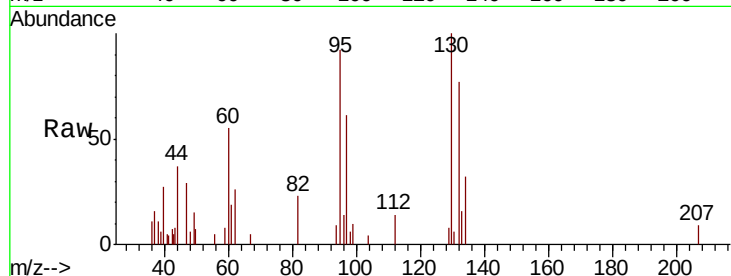
#35
 Trichloroethene
 Concen: 0.487 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009718.D
 Acq: 05 Apr 2019 07:58

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Tot Ion	95	Resp	2602
Ion	Ratio	Lower	Upper
95	100		
97	72.8	44.9	83.5
132	46.0	67.1	124.7#
130	109.0	69.2	128.6

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#47
 Tetrachloroethene
 Concen: 91.772 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009718.D
 Acq: 05 Apr 2019 07:58

Tgt Ion	164	Resp	386250
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.9	127.9
131	90.6	63.1	117.1
166	125.4	88.5	164.4

