

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009720.D
 Acq On : 05 Apr 2019 08:53
 Operator : SY/VA
 Sample : K2276-18
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF145

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:54 AM

Quant Time: Apr 05 09:28:35 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	410585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138141	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	2.89	69	137292	27.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.56%
10) 1,1-Dichloroethene-d2	4.01	63	239081	20.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.76%
20) 2-Butanone-d5	7.07	46	82401	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
24) Chloroform-d	7.65	84	329331	29.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.60%
26) 1,2-Dichloroethane-d4	8.30	65	202692	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.88%
29) Benzene-d6	8.27	84	616235	28.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.72%
33) 1,2-Dichloropropane-d6	9.27	67	195276	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	561682	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.12%
38) trans-1,3-Dichloropropene-	10.58	79	79024	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.88%
39) 2-Hexanone-d5	10.93	63	53816	43.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151878	24.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	194367	32.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.00%#

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	17173m	2.372	ug/L
22) cis-1,2-Dichloroethene	7.16	96	3895m	0.642	ug/L
35) Trichloroethene	9.09	95	1941	0.301	ug/L
47) Tetrachloroethene	10.86	164	229500	45.221	ug/L

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

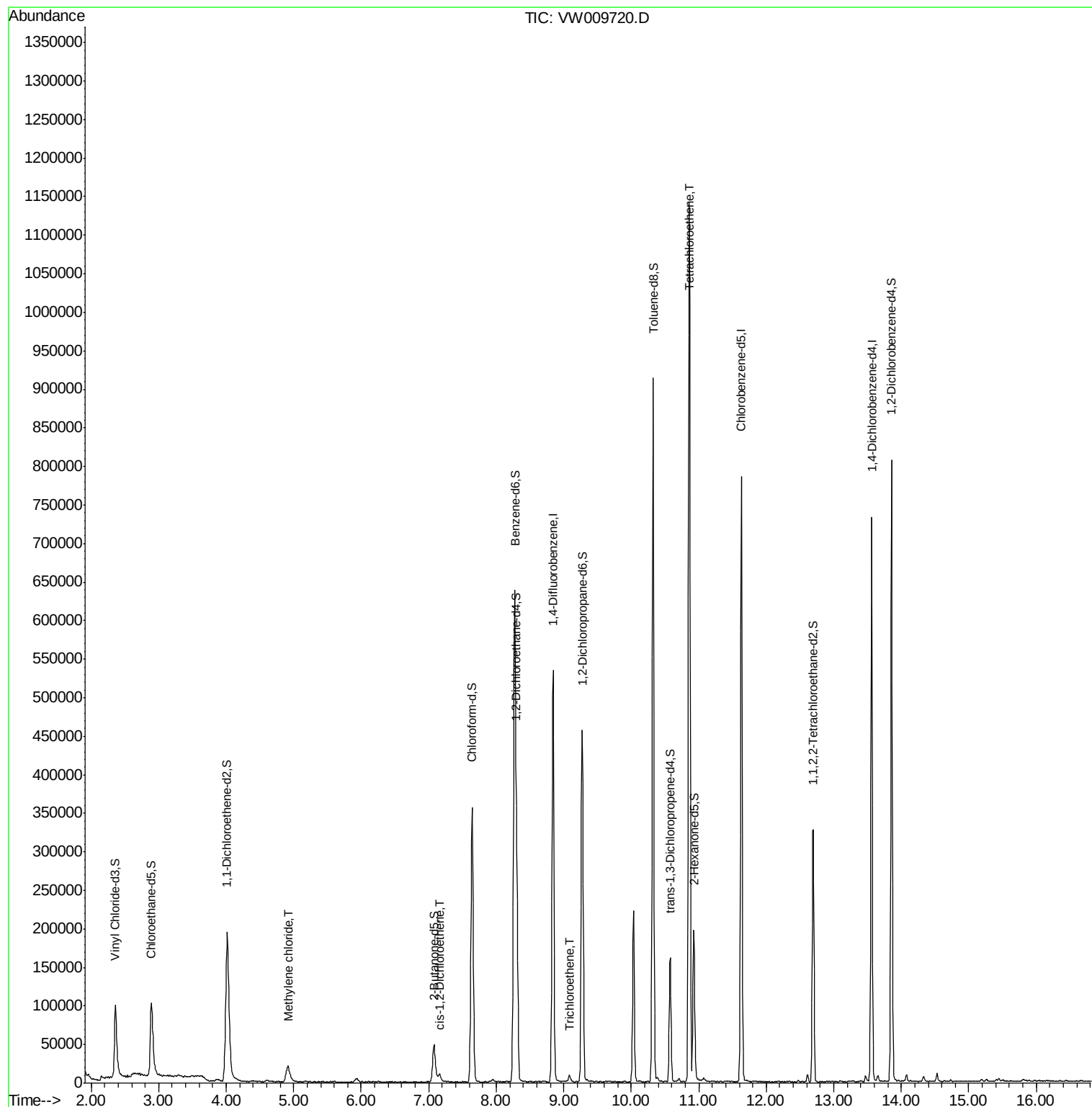
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040519\
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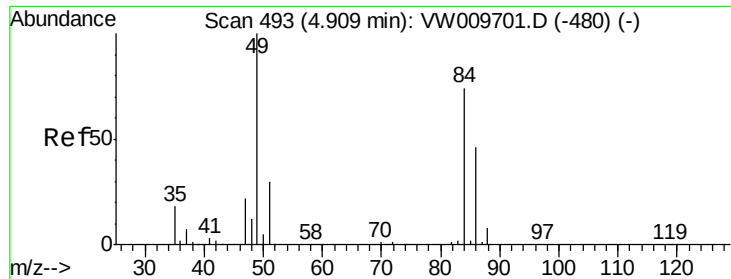
Instrument :
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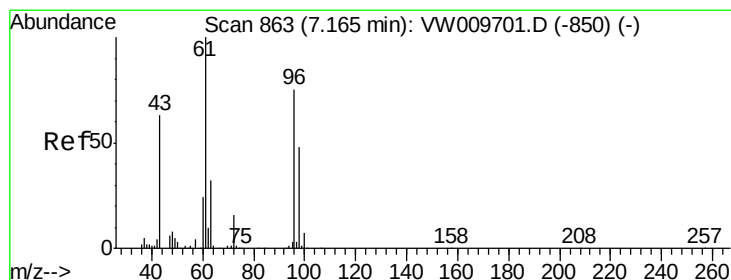
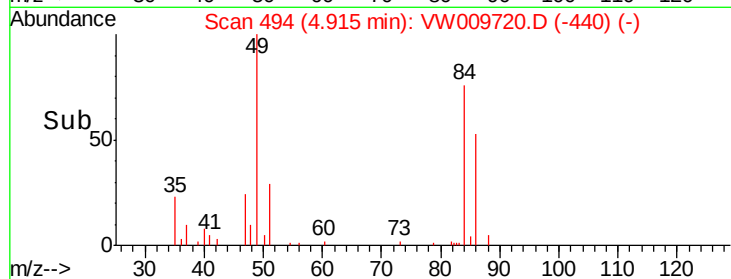
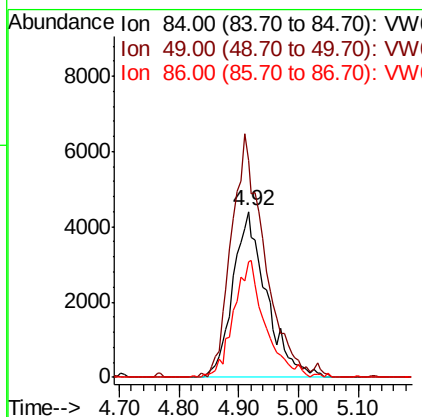
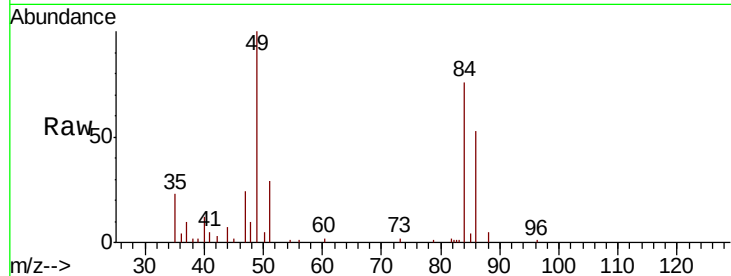
#16
Methylene chloride
Concen: 2.372 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009720.D
Acq: 05 Apr 2019 08:53

Instrument :
MSVOA_W
ClientSampled :
BF145

Tot Ion	Ratio	Lower	Upper
84	100		
49	130.9	98.3	182.5
86	69.5	46.4	86.2

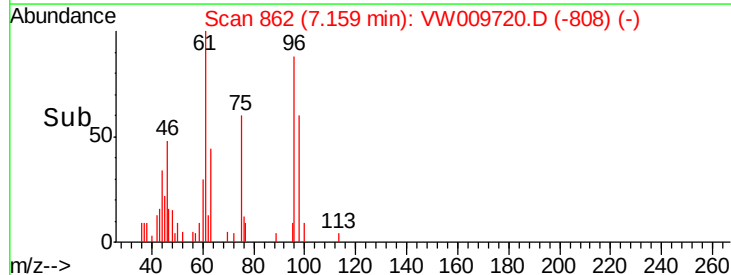
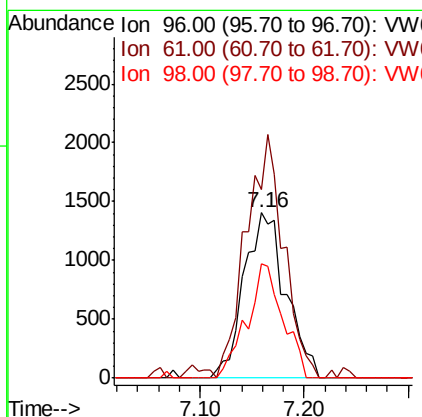
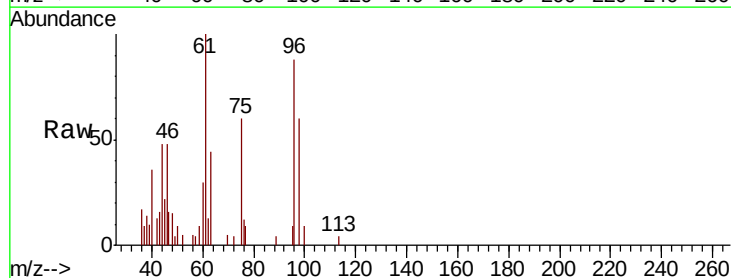
Manual Integrations
APPROVED

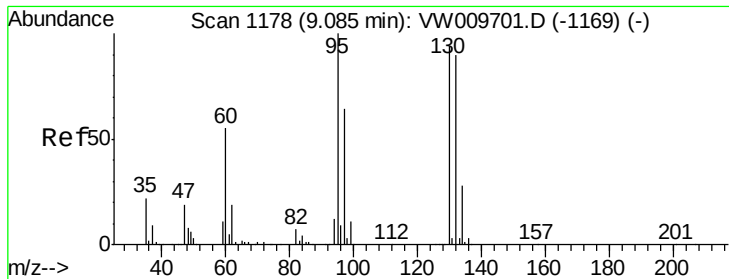
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4/8/2019 3:32:54 AM



#22
cis-1,2-Dichloroethene
Concen: 0.642 ug/L m
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009720.D
Acq: 05 Apr 2019 08:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.1	96.8	179.8
98	69.0	43.5	80.9





#35

Trichloroethene

Concen: 0.301 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

Instrument :

MSVOA_W

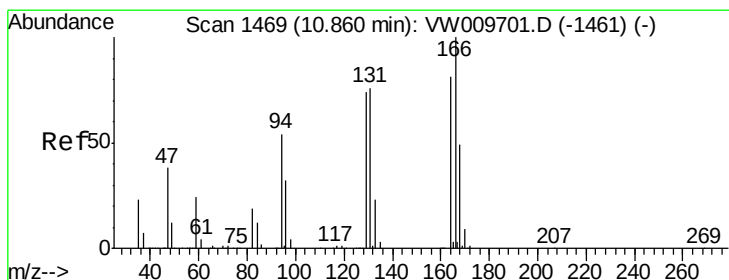
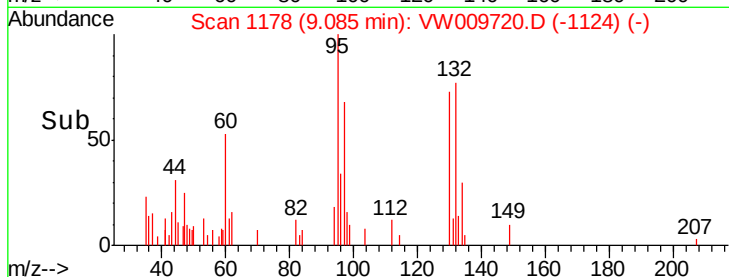
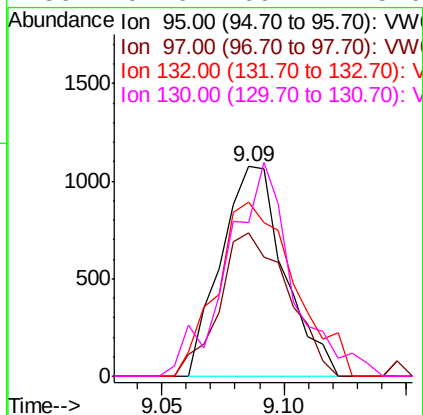
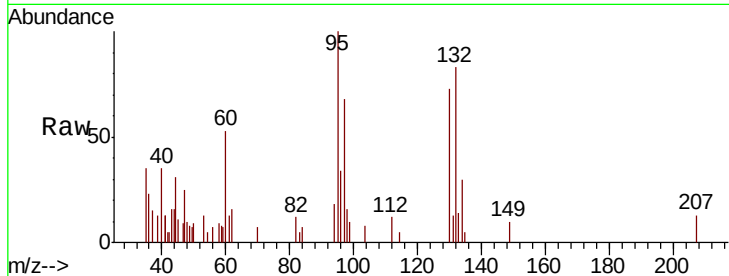
ClientSampled :

BF145

Tot Ion	95	Resp:	1941
Ion	Ratio	Lower	Upper
95	100		
97	74.0	44.9	83.5
132	101.5	67.1	124.7
130	101.6	69.2	128.6

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#47

Tetrachloroethene

Concen: 45.221 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

Tgt Ion	164	Resp:	229500
Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.9	127.9
131	89.5	63.1	117.1
166	124.5	88.5	164.4

