

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009715.D
 Acq On : 05 Apr 2019 06:36
 Operator : SY/VA
 Sample : K2276-13
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF140

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:49 AM

Quant Time: Apr 05 08:48:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115848	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
7) Chloroethane-d5	2.89	69	102021	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.01	63	190456	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.08	46	75027	51.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.88%
24) Chloroform-d	7.64	84	234087	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.30	65	148314	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.16%
29) Benzene-d6	8.27	84	440381	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	135628	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.32	98	394873	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	57345	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	10.93	63	54362	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122414	24.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	138401	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	12426	2.073	ug/L	91
22) cis-1,2-Dichloroethene	7.16	96	5734m	1.142	ug/L	
35) Trichloroethene	9.09	95	28984	5.529	ug/L	97
47) Tetrachloroethene	10.86	164	253823	61.472	ug/L	99

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

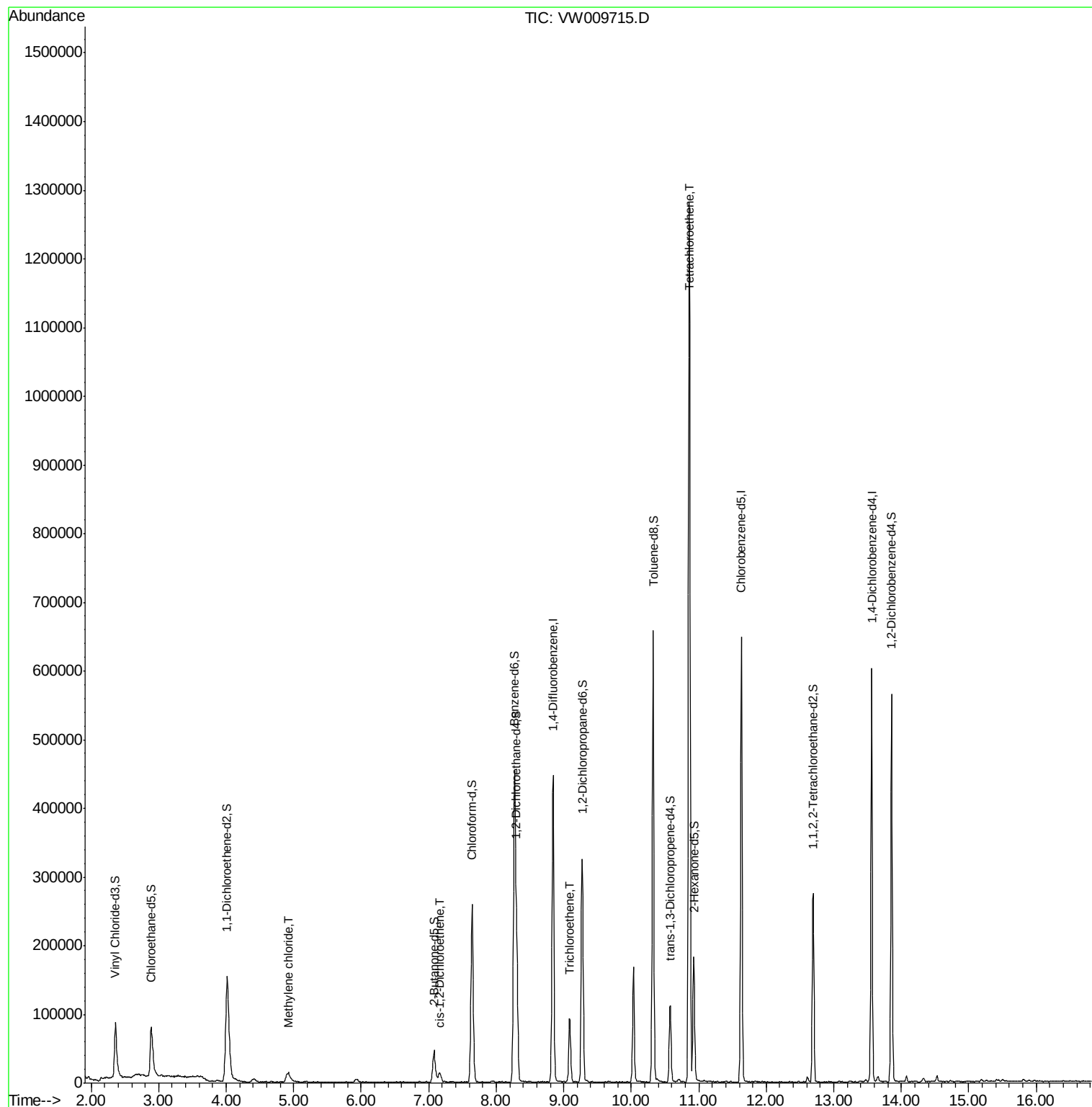
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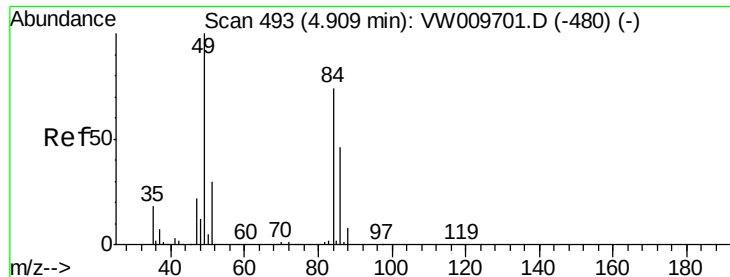
Instrument :
MSVOA_W
ClientSampleId :
BF140

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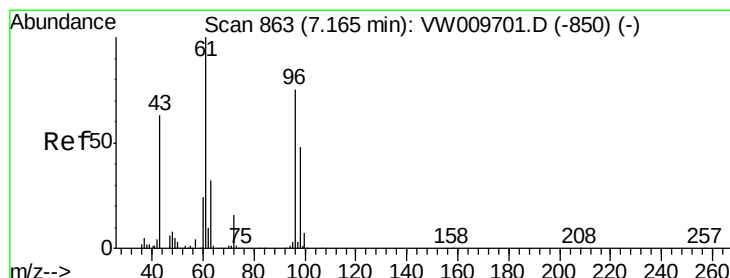
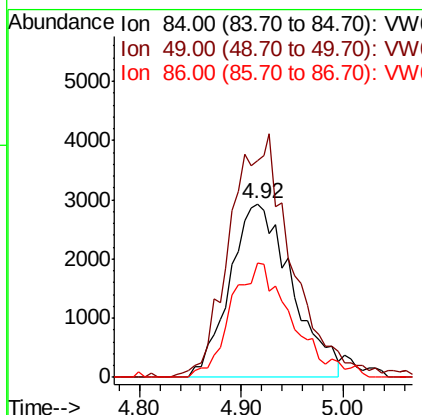
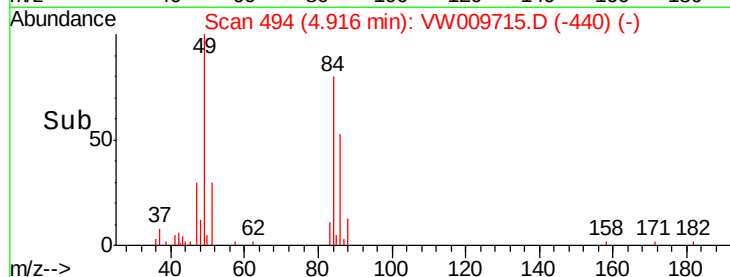
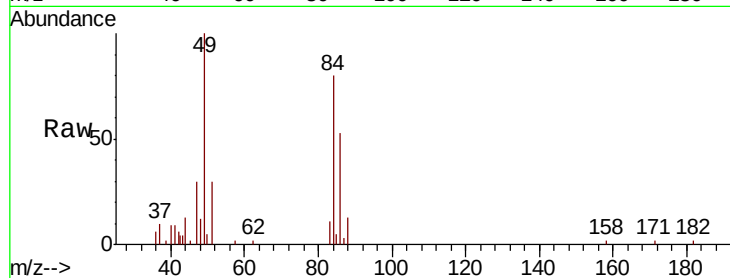
#16
Methylene chloride
Concen: 2.073 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampled :
BF140

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.0	98.3	182.5
86	65.9	46.4	86.2

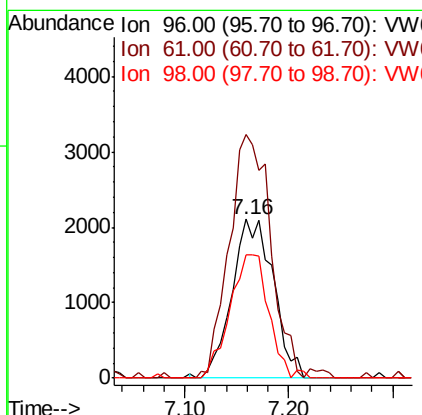
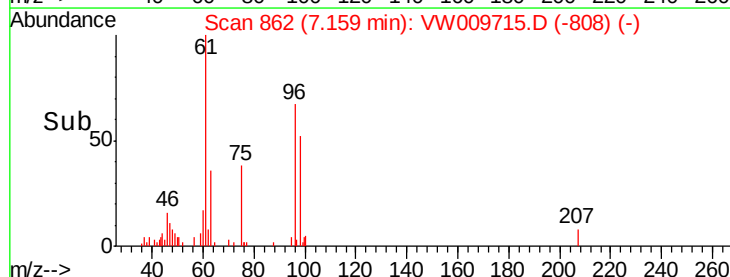
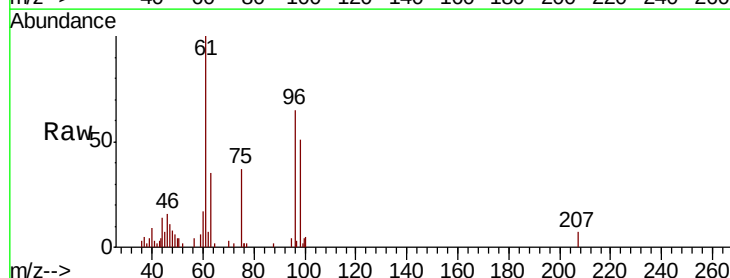
Manual Integrations
APPROVED

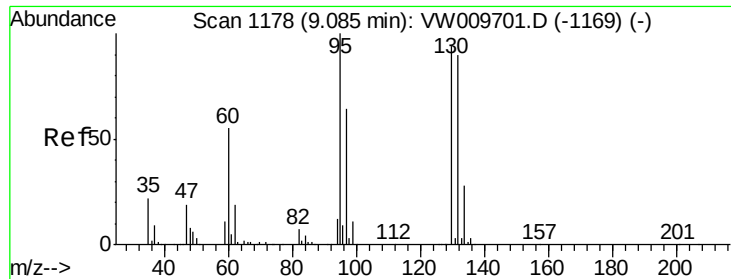
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4/8/2019 3:32:49 AM



#22
cis-1,2-Dichloroethene
Concen: 1.142 ug/L m
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	96.8	179.8
98	77.9	43.5	80.9





#35

Trichloroethene

Concen: 5.529 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009715.D

Acq: 05 Apr 2019 06:36

Instrument :

MSVOA_W

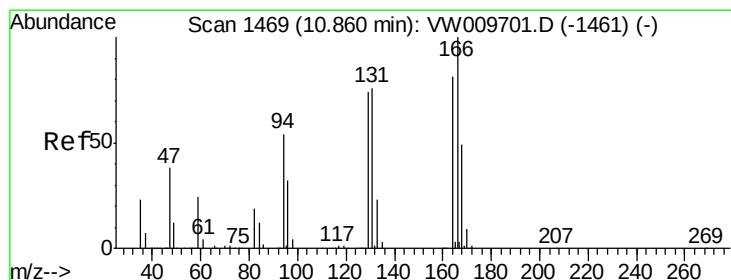
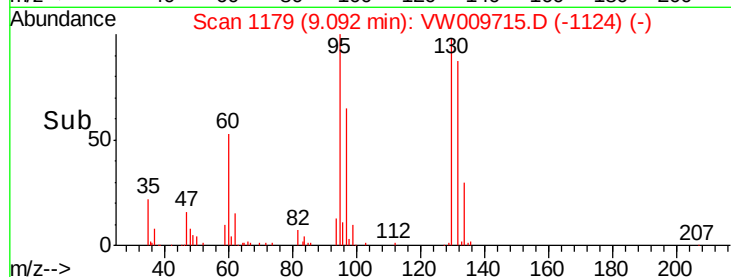
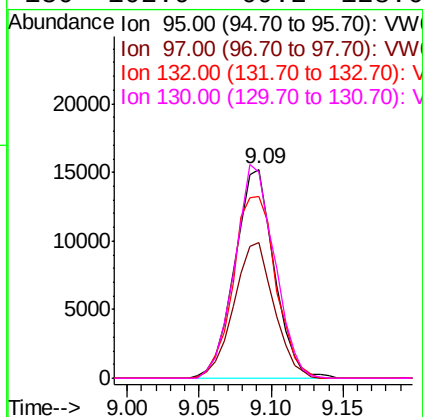
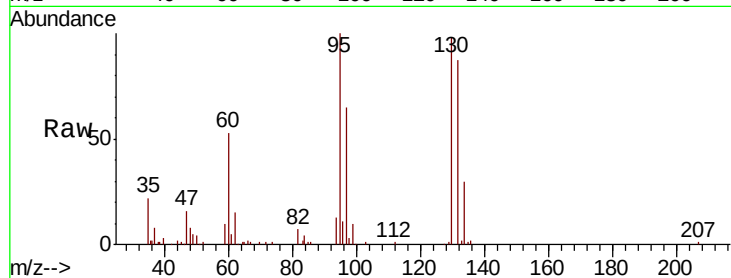
ClientSampleId :

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Tot Ion	95	Resp	28984
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.9	83.5
132	94.4	67.1	124.7
130	102.9	69.2	128.6

Manual Integrations
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#47

Tetrachloroethene

Concen: 61.472 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009715.D

Acq: 05 Apr 2019 06:36

Tgt Ion	164	Resp	253823
Ion	Ratio	Lower	Upper
164	100		
129	96.2	68.9	127.9
131	91.2	63.1	117.1
166	125.6	88.5	164.4

