

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009768.D
 Acq On : 06 Apr 2019 13:12
 Operator : SY/VA
 Sample : K2277-12
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF175

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:02 AM

Quant Time: Apr 07 05:13:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	512223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	164030	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
7) Chloroethane-d5	2.90	69	148830	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.96%
10) 1,1-Dichloroethene-d2	4.01	63	286041	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.07	46	97578	44.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.68%
24) Chloroform-d	7.64	84	365581	26.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.64%
26) 1,2-Dichloroethane-d4	8.31	65	221875	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	706826	27.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.36%
33) 1,2-Dichloropropane-d6	9.27	67	213770	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.04%
37) Toluene-d8	10.32	98	643148	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.60%
38) trans-1,3-Dichloropropene-	10.58	79	89878	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.16%
39) 2-Hexanone-d5	10.93	63	68826	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	165130	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	218013	28.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6129	2.628 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	28347	3.746 ug/L	98
35) Trichloroethene	9.09	95	153645	20.180 ug/L	100
47) Tetrachloroethene	10.86	164	121527	20.266 ug/L	98

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

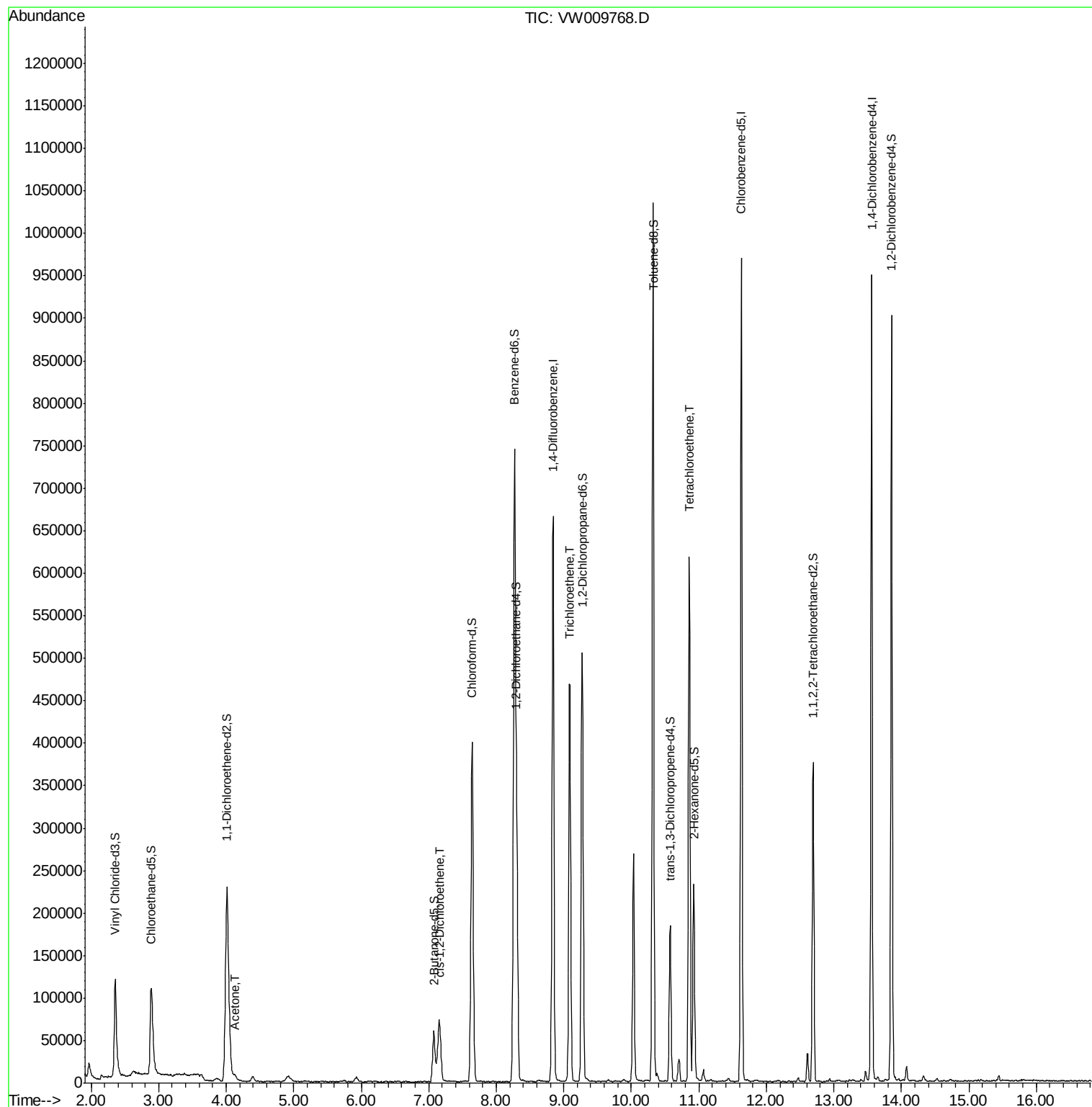
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
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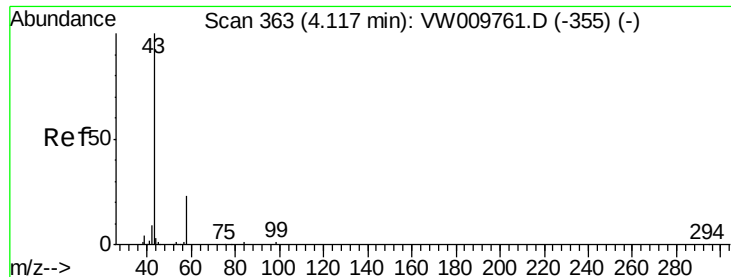
Instrument :
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ClientSampleId :
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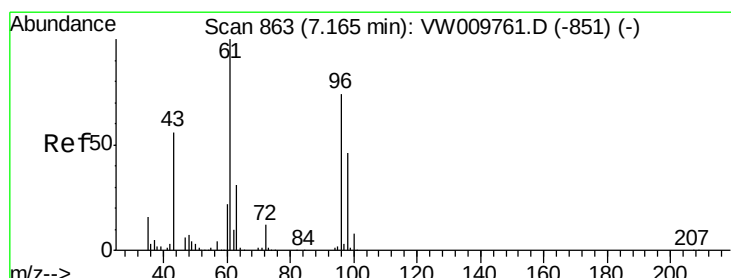
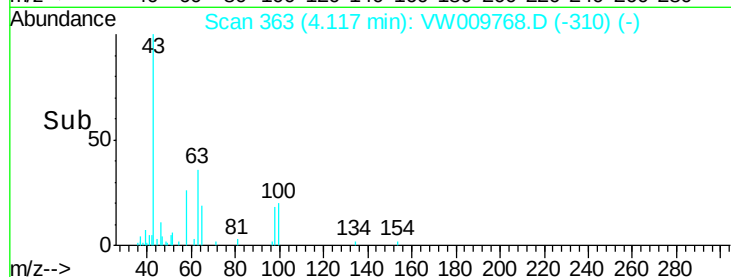
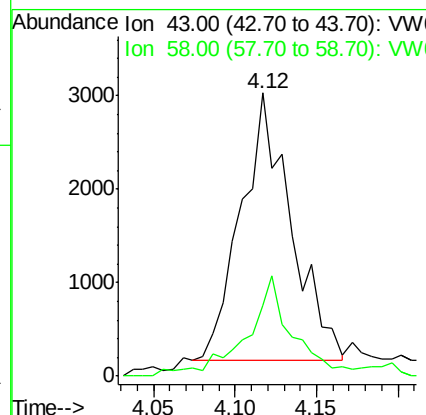
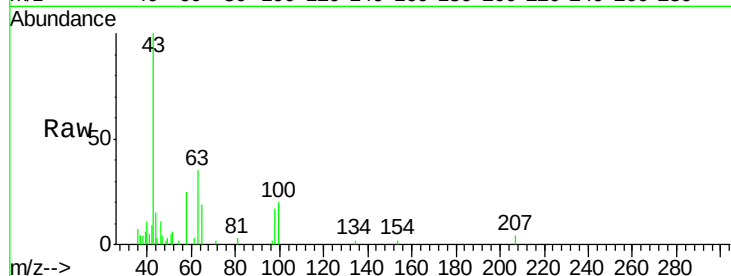
#13
Acetone
Concen: 2.628 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009768.D
Acq: 06 Apr 2019 13:12

Instrument :
MSVOA_W
ClientSampled :
BF175

Tot Ion	43	Resp	6129
Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	53.0

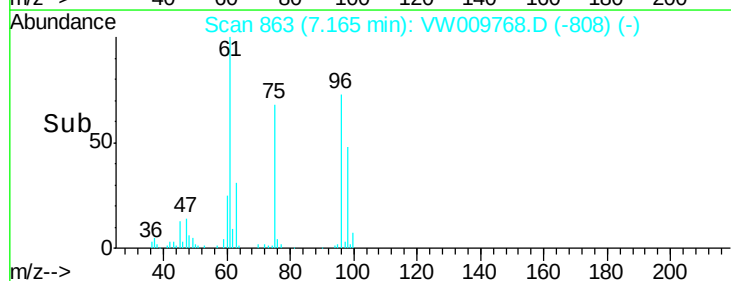
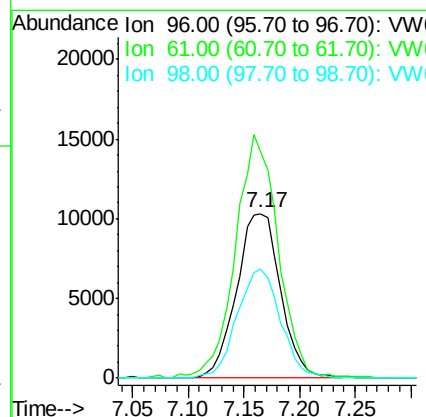
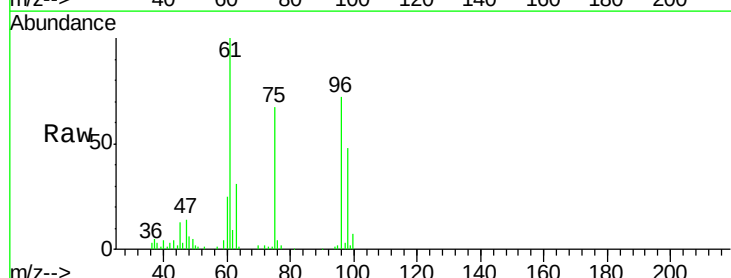
Manual Integrations
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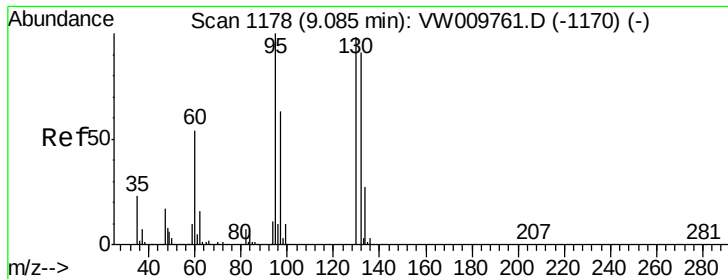
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4/11/2019 11:43:02 AM



#22
cis-1,2-Dichloroethene
Concen: 3.746 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009768.D
Acq: 06 Apr 2019 13:12

Tgt Ion	96	Resp	28347
Ion	Ratio	Lower	Upper
96	100		
61	138.3	96.8	179.8
98	66.5	43.5	80.9





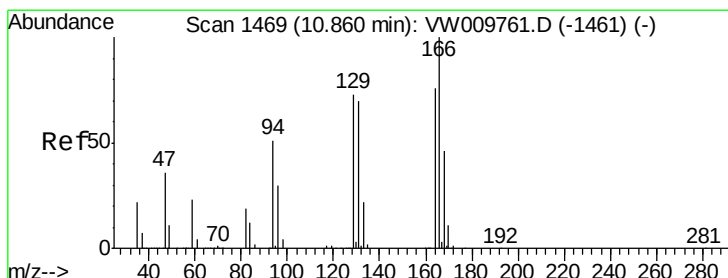
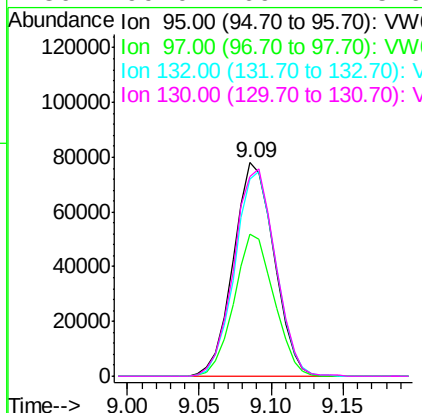
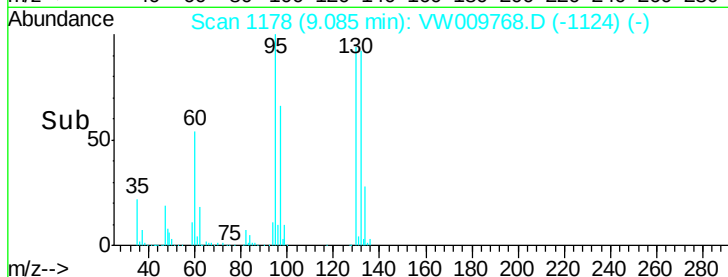
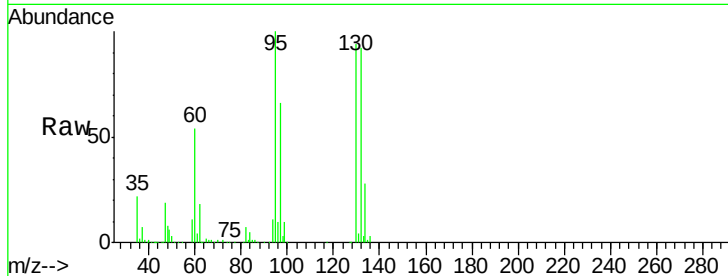
#35
 Trichloroethene
 Concen: 20.180 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009768.D
 Acq: 06 Apr 2019 13:12

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	65.1	44.9	83.5		
132	95.5	67.1	124.7		
130	99.0	69.2	128.6		

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#47
 Tetrachloroethene
 Concen: 20.266 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009768.D
 Acq: 06 Apr 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
129	97.0	68.9	127.9		
131	92.6	63.1	117.1		
166	129.7	88.5	164.4		

