

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009772.D
 Acq On : 06 Apr 2019 15:01
 Operator : SY/VA
 Sample : K2327-05
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S1

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:05 AM

Quant Time: Apr 07 06:09:47 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	501632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165827	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
7) Chloroethane-d5	2.89	69	152491	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
10) 1,1-Dichloroethene-d2	4.01	63	288753	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	7.07	46	105667	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	367663	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.31	65	229269	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.12%
29) Benzene-d6	8.27	84	701577	27.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.56%
33) 1,2-Dichloropropane-d6	9.27	67	214795	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	10.32	98	635469	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.32%
38) trans-1,3-Dichloropropene-	10.57	79	93734	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.93	63	75654	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177987	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	217537	30.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.80%#

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	5264	0.710 ug/L	87
35) Trichloroethene	9.09	95	21385	2.809 ug/L	97
47) Tetrachloroethene	10.86	164	10434	1.740 ug/L	88

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

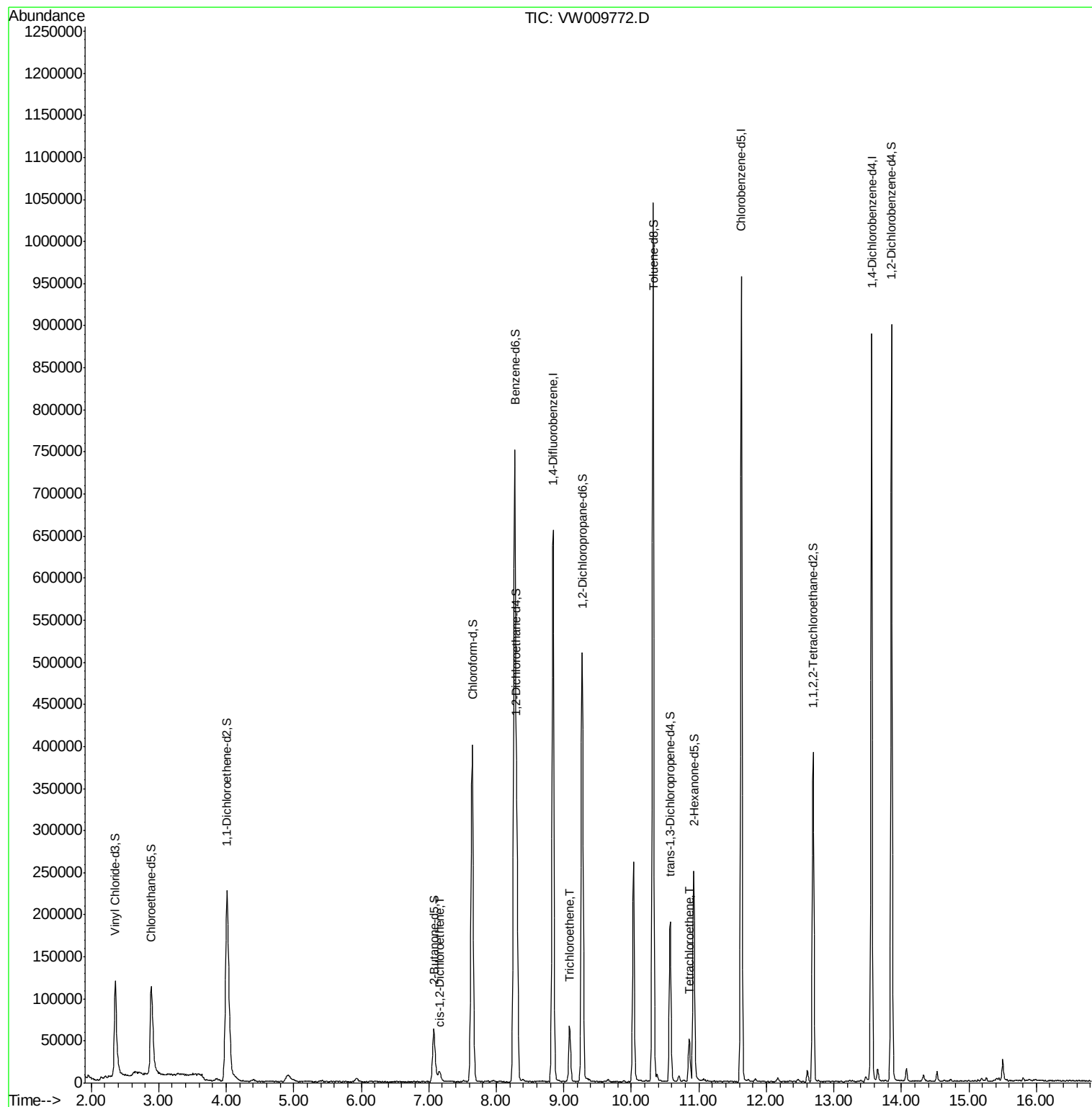
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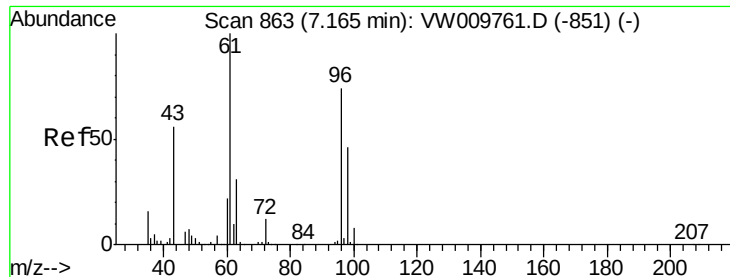
Instrument :
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#22

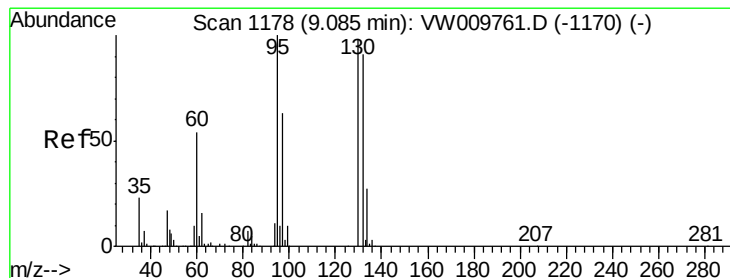
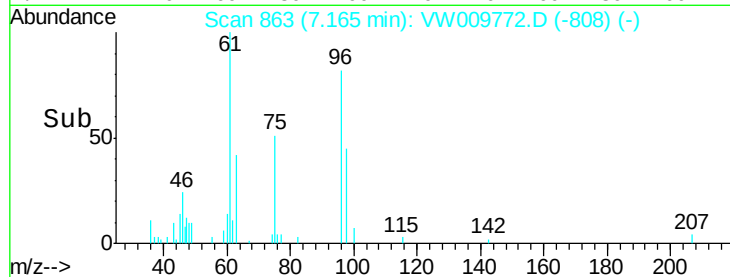
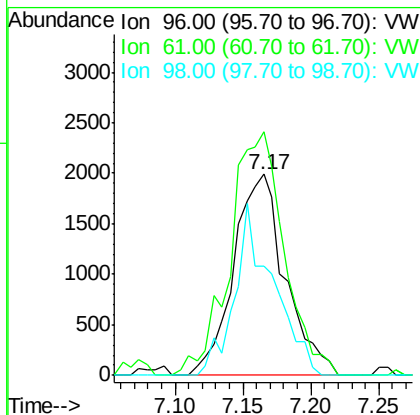
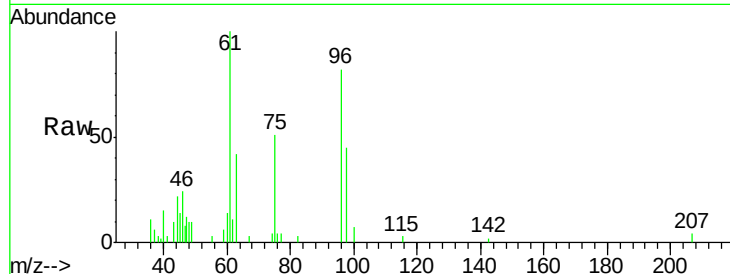
cis-1,2-Dichloroethene
Concen: 0.710 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009772.D
Acq: 06 Apr 2019 15:01

Instrument :
MSVOA_W
ClientSampled :
BF2S1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		5264		
61	121.2	96.8	179.8		
98	54.6	43.5	80.9		

Manual Integrations
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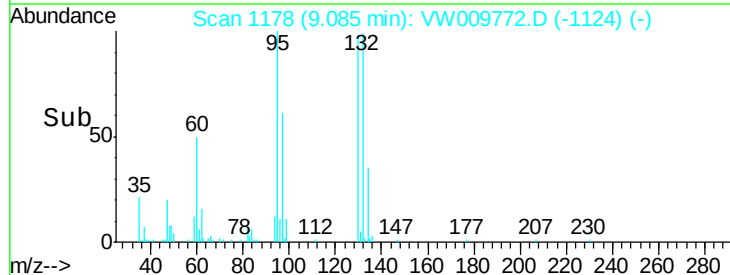
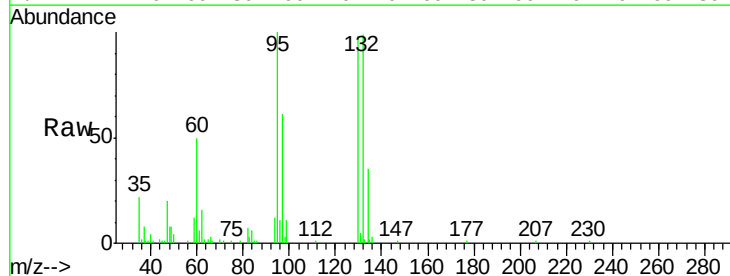
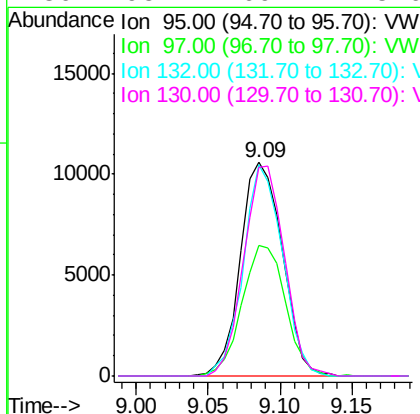
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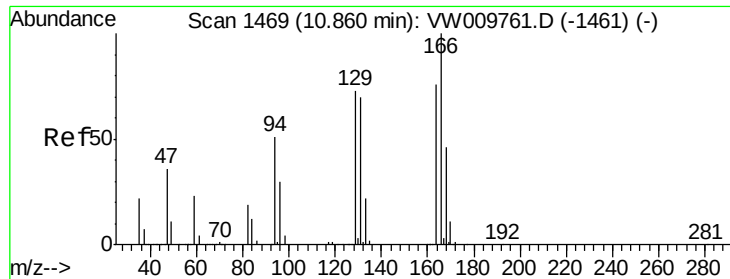


#35

Trichloroethene
Concen: 2.809 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009772.D
Acq: 06 Apr 2019 15:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		21385		
97	63.3	44.9	83.5		
132	92.0	67.1	124.7		
130	95.2	69.2	128.6		





#47
Tetrachloroethene
Concen: 1.740 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009772.D
Acq: 06 Apr 2019 15:01

Instrument :
MSVOA_W
ClientSampleId :
BF2S1

Tot Ion:	164	Resp:	10434
Ion Ratio	Lower	Upper	
164	100		
129	79.6	68.9	127.9
131	103.7	63.1	117.1
166	120.0	88.5	164.4

Manual Integrations
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