

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009284.D
 Acq On : 20 Mar 2019 13:48
 Operator : SY/VA
 Sample : K1986-06
 Misc : 6.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0B3

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:23 AM

Quant Time: Mar 22 10:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	390928	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119320	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
7) Chloroethane-d5	2.90	69	111850	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
10) 1,1-Dichloroethene-d2	4.01	63	182858m	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.44%
20) 2-Butanone-d5	7.07	46	101666	52.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.24%
24) Chloroform-d	7.65	84	241650	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.31	65	154063	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	8.27	84	470183	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.27	67	145802	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	420448	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	67241	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	10.93	63	75119	50.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143643	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	158463	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	10340m	1.814	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	490638	89.487	ug/L	98
35) Trichloroethene	9.09	95	597459	110.076	ug/L	99
47) Tetrachloroethene	10.86	164	4368	0.952	ug/L	94

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

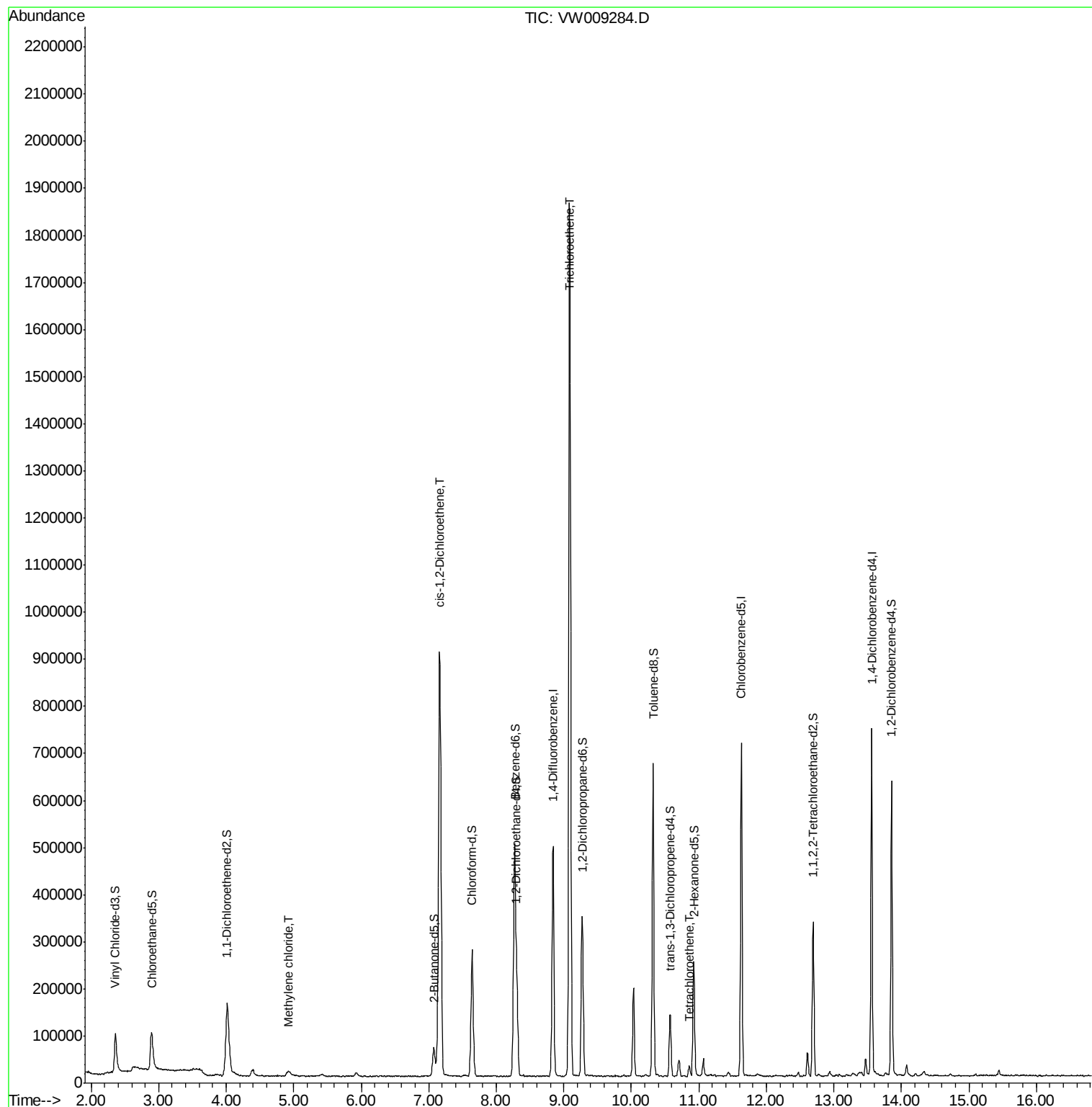
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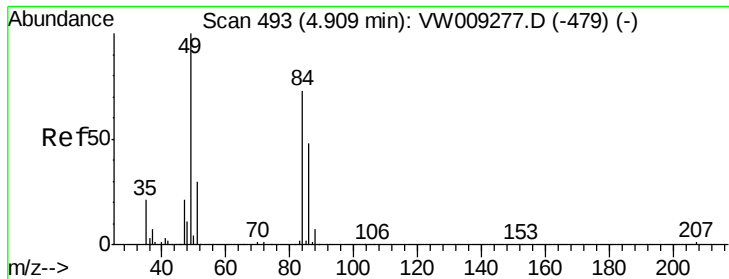
Instrument :
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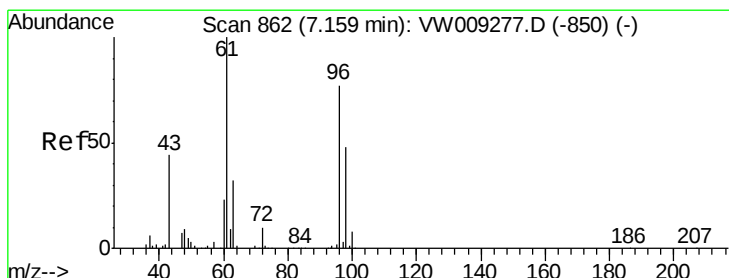
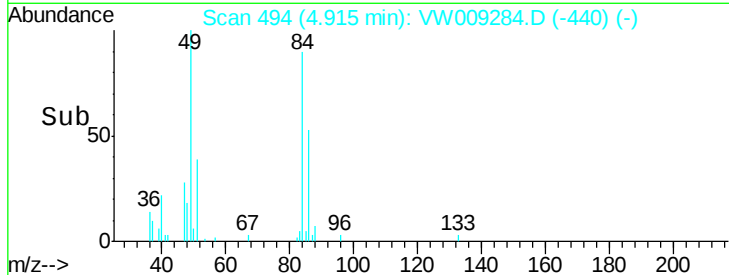
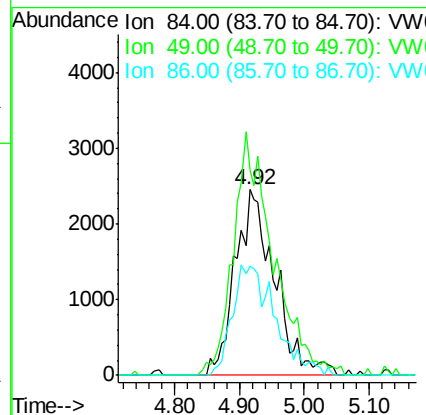
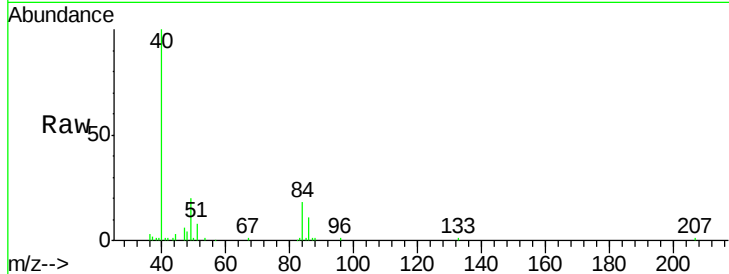
#16
Methvlene chloride
Concen: 1.814 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009284.D
Acq: 20 Mar 2019 13:48

Instrument :
MSVOA_W
ClientSampleId :
BF0B3

Tot Ion	Ratio	Lower	Upper
84	100		
49	110.7	96.0	178.2
86	58.9	44.4	82.5

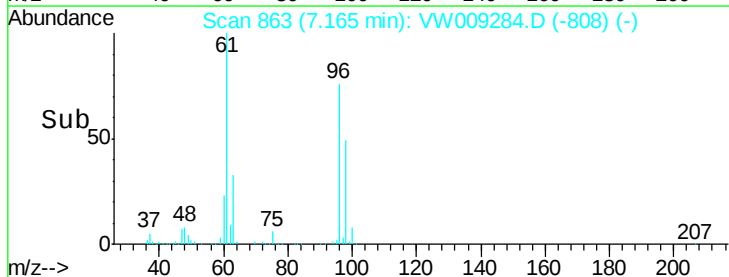
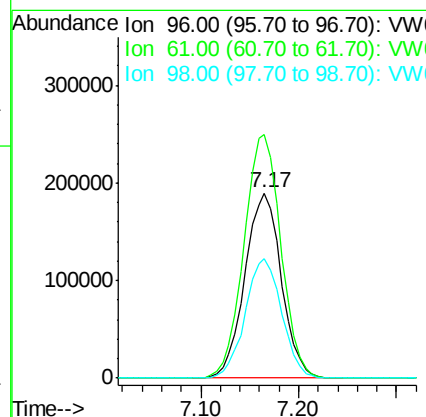
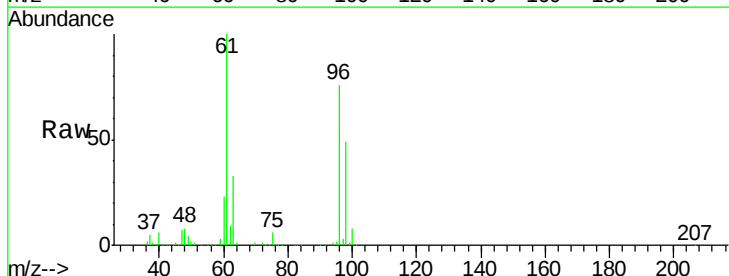
Manual Integrations
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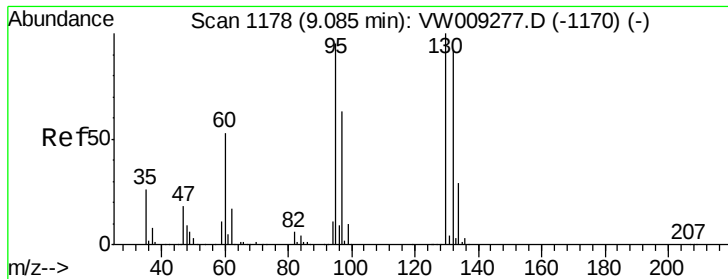
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#22
cis-1,2-Dichloroethene
Concen: 89.487 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009284.D
Acq: 20 Mar 2019 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.4	90.6	168.3
98	64.2	44.0	81.8





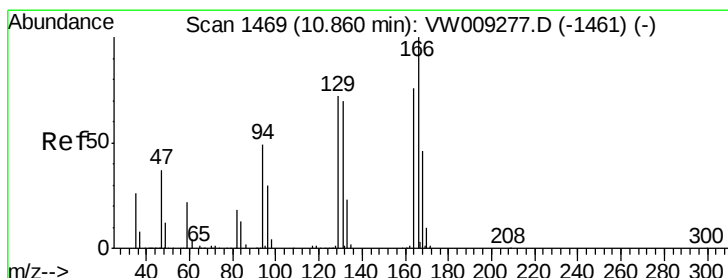
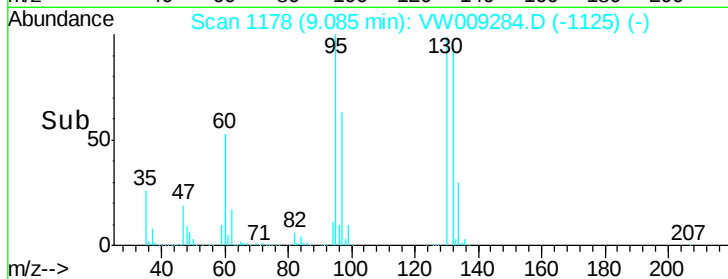
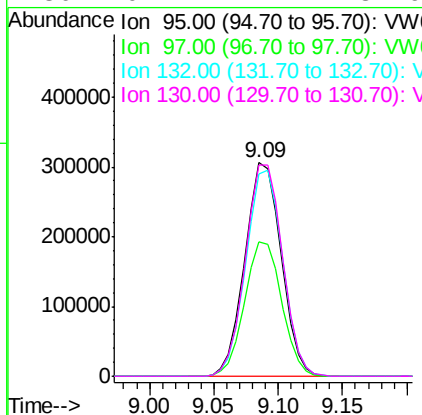
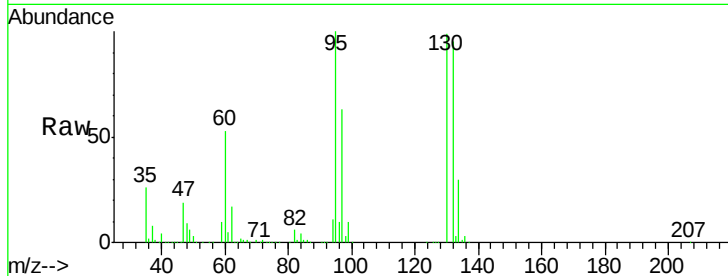
#35
 Trichloroethene
 Concen: 110.076 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW009284.D
 Acq: 20 Mar 2019 13:48

Instrument :
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Tot Ion	95	Resp	597459
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	82.9
132	97.8	69.0	128.2
130	101.1	72.7	134.9

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#47
 Tetrachloroethene
 Concen: 0.952 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW009284.D
 Acq: 20 Mar 2019 13:48

Tgt Ion	164	Resp	4368
Ion	Ratio	Lower	Upper
164	100		
129	84.7	66.5	123.5
131	92.5	62.6	116.3
166	135.9	91.6	170.0

