

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009401.D
 Acq On : 23 Mar 2019 20:43
 Operator : SY/VA
 Sample : K2062-17
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H4

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:35 AM

Quant Time: Mar 24 00:29:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166809	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95067	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
7) Chloroethane-d5	2.89	69	99860	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
10) 1,1-Dichloroethene-d2	4.02	63	154362	15.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.36%
20) 2-Butanone-d5	7.07	46	92003	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
24) Chloroform-d	7.65	84	243372	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	148897m	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.52%
29) Benzene-d6	8.27	84	435410	21.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.44%
33) 1,2-Dichloropropane-d6	9.27	67	139720	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.32%
37) Toluene-d8	10.32	98	380515	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	10.58	79	61304	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.68%
39) 2-Hexanone-d5	10.92	63	71160	48.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142889	23.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	153848	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.93	84	6264m	1.120	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	25370	4.718	ug/L	96
35) Trichloroethene	9.09	95	9504	1.783	ug/L	96
47) Tetrachloroethene	10.86	164	5754324	1277.928	ug/L	94

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

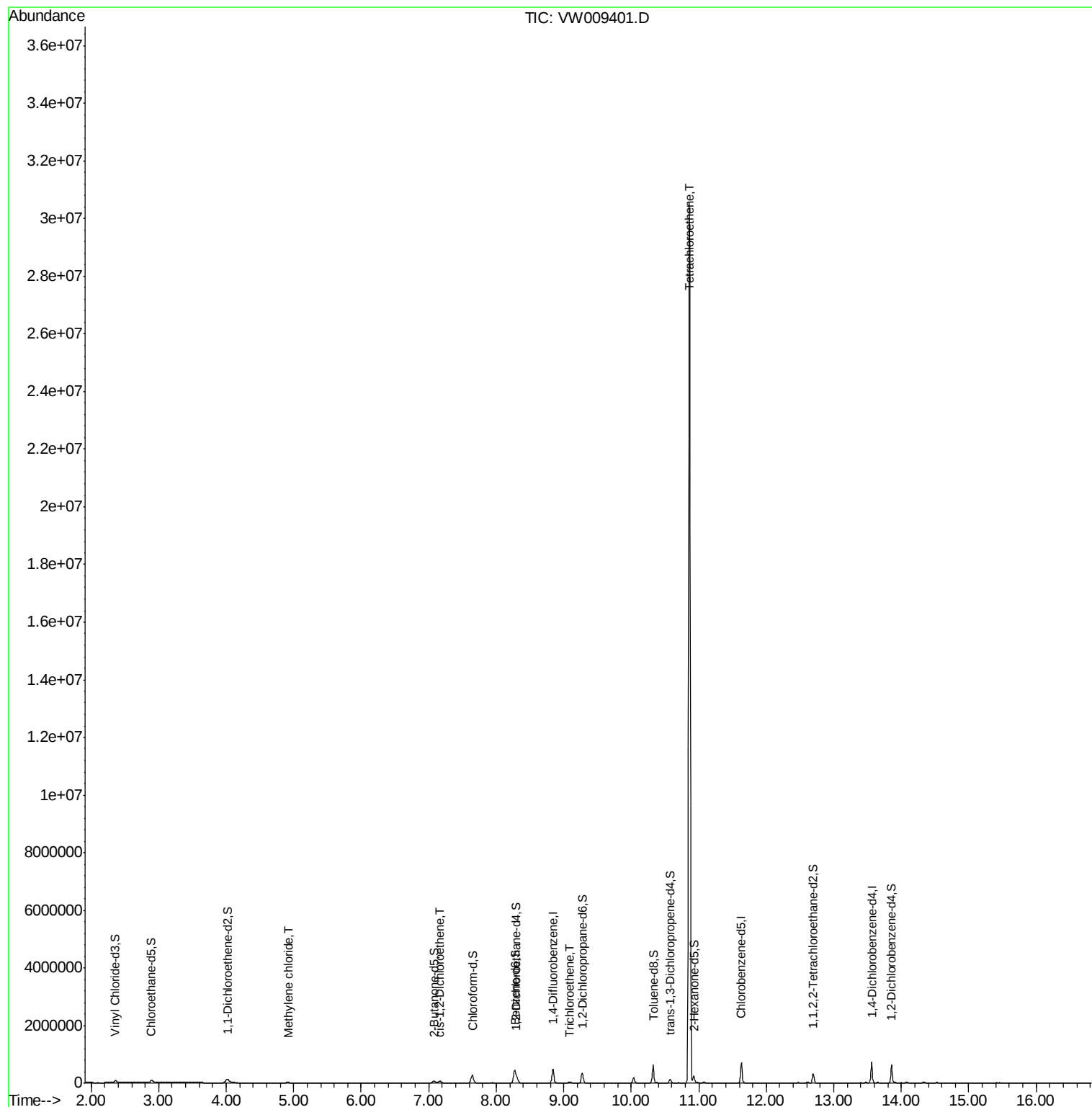
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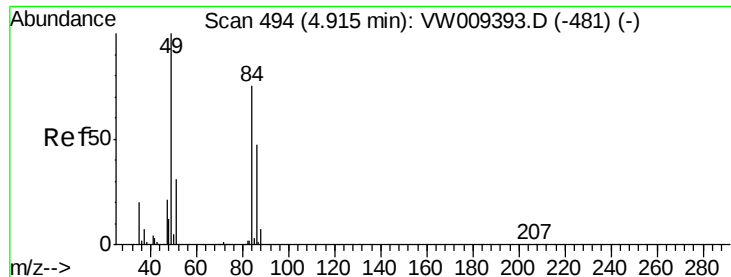
Instrument :
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QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration





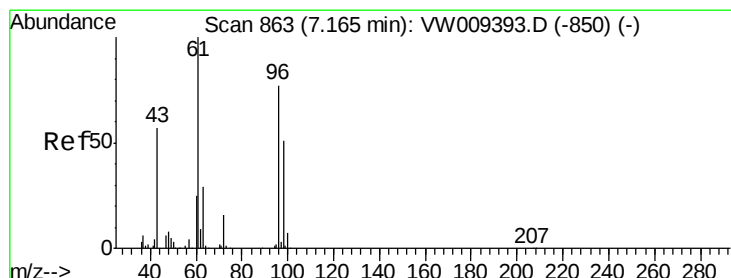
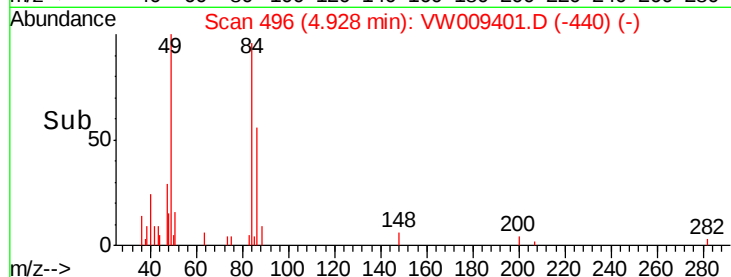
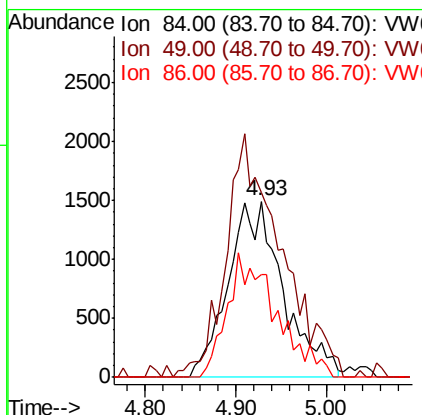
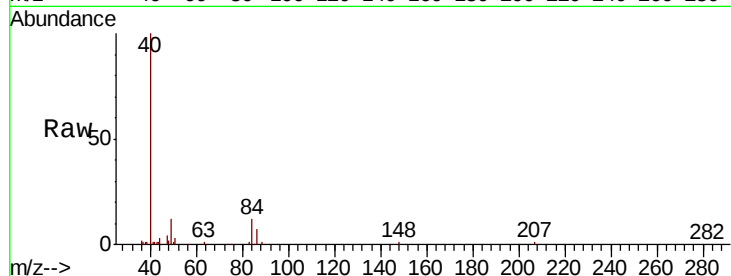
#16
Methvlene chloride
Concen: 1.120 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW009401.D
Acq: 23 Mar 2019 20:43

Instrument :
MSVOA_W
ClientSampled :
BF0H4

Tot Ion	Ratio	Lower	Upper
84	100		
49	104.6	96.0	178.2
86	58.4	44.4	82.5

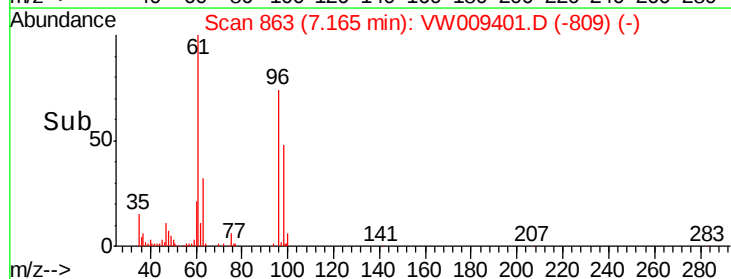
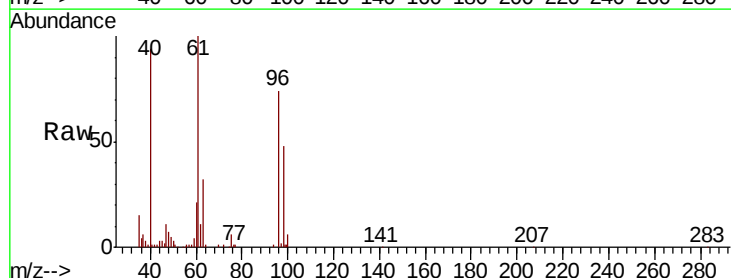
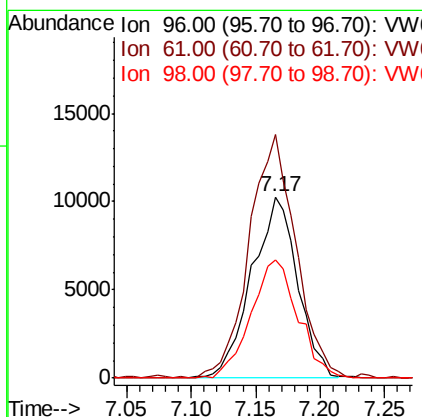
Manual Integrations
APPROVED

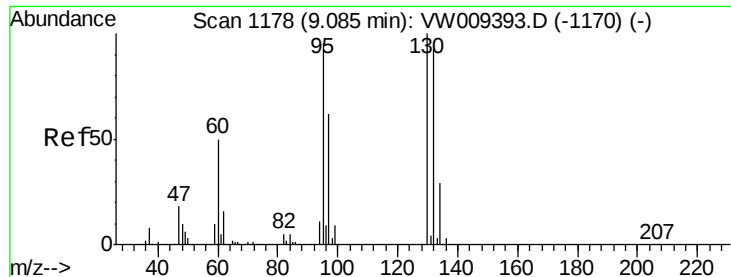
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#22
cis-1,2-Dichloroethene
Concen: 4.718 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009401.D
Acq: 23 Mar 2019 20:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.5	90.6	168.3
98	65.1	44.0	81.8





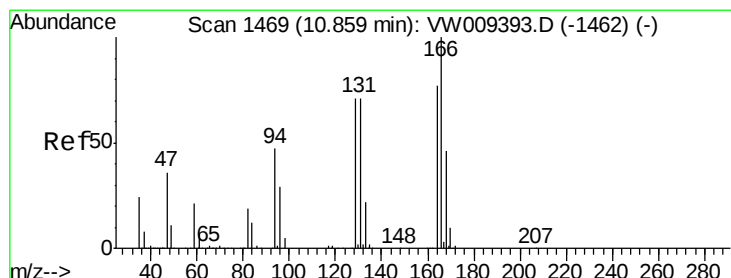
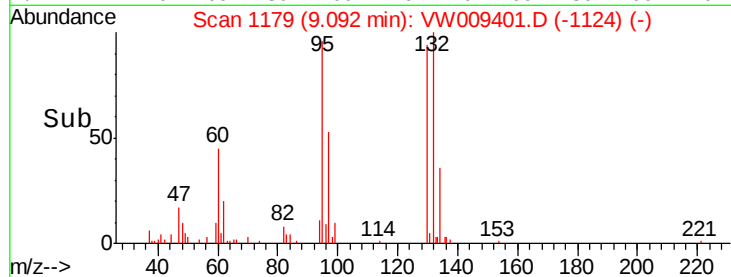
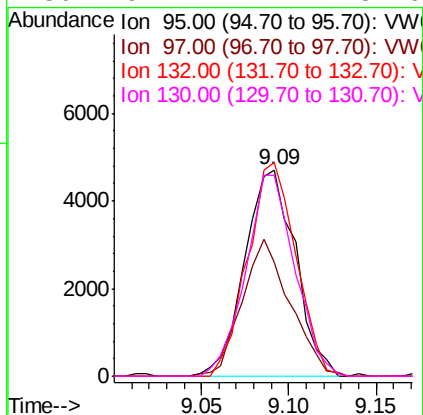
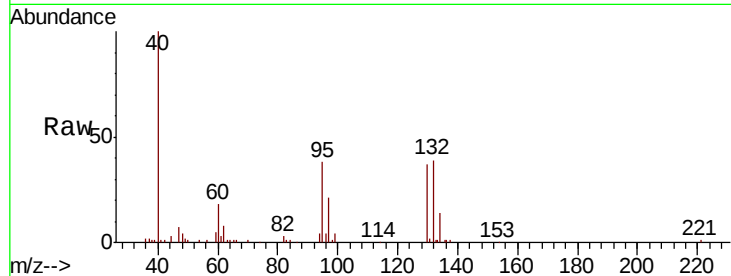
#35
 Trichloroethene
 Concen: 1.783 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009401.D
 Acq: 23 Mar 2019 20:43

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H4

Tot Ion	95	Resp	9504
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.7	82.9
132	99.0	69.0	128.2
130	94.4	72.7	134.9

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#47
 Tetrachloroethene
 Concen: 1277.928 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009401.D
 Acq: 23 Mar 2019 20:43

Tgt Ion	164	Resp	5754324
Ion	Ratio	Lower	Upper
164	100		
129	99.9	66.5	123.5
131	96.1	62.6	116.3
166	124.6	91.6	170.0

