

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009719.D
 Acq On : 05 Apr 2019 08:25
 Operator : SY/VA
 Sample : K2276-17
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF144

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:32:53 AM

Quant Time: Apr 05 09:25:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134008	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.72%
7) Chloroethane-d5	2.89	69	123512	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.36%
10) 1,1-Dichloroethene-d2	4.01	63	225712	21.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.92%
20) 2-Butanone-d5	7.07	46	115493	72.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.60%#
24) Chloroform-d	7.65	84	289594	28.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.68%
26) 1,2-Dichloroethane-d4	8.30	65	193163	30.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.52%
29) Benzene-d6	8.27	84	546380	28.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.80%
33) 1,2-Dichloropropane-d6	9.27	67	172200	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	10.32	98	493076	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.04%
38) trans-1,3-Dichloropropene-	10.58	79	76731	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.48%
39) 2-Hexanone-d5	10.92	63	86845	77.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172977	31.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	173618	31.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.56%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	12350m	1.875	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	2960	0.537	ug/L	82
35) Trichloroethene	9.09	95	3164	0.549	ug/L	96
47) Tetrachloroethene	10.86	164	740455	163.188	ug/L	99

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

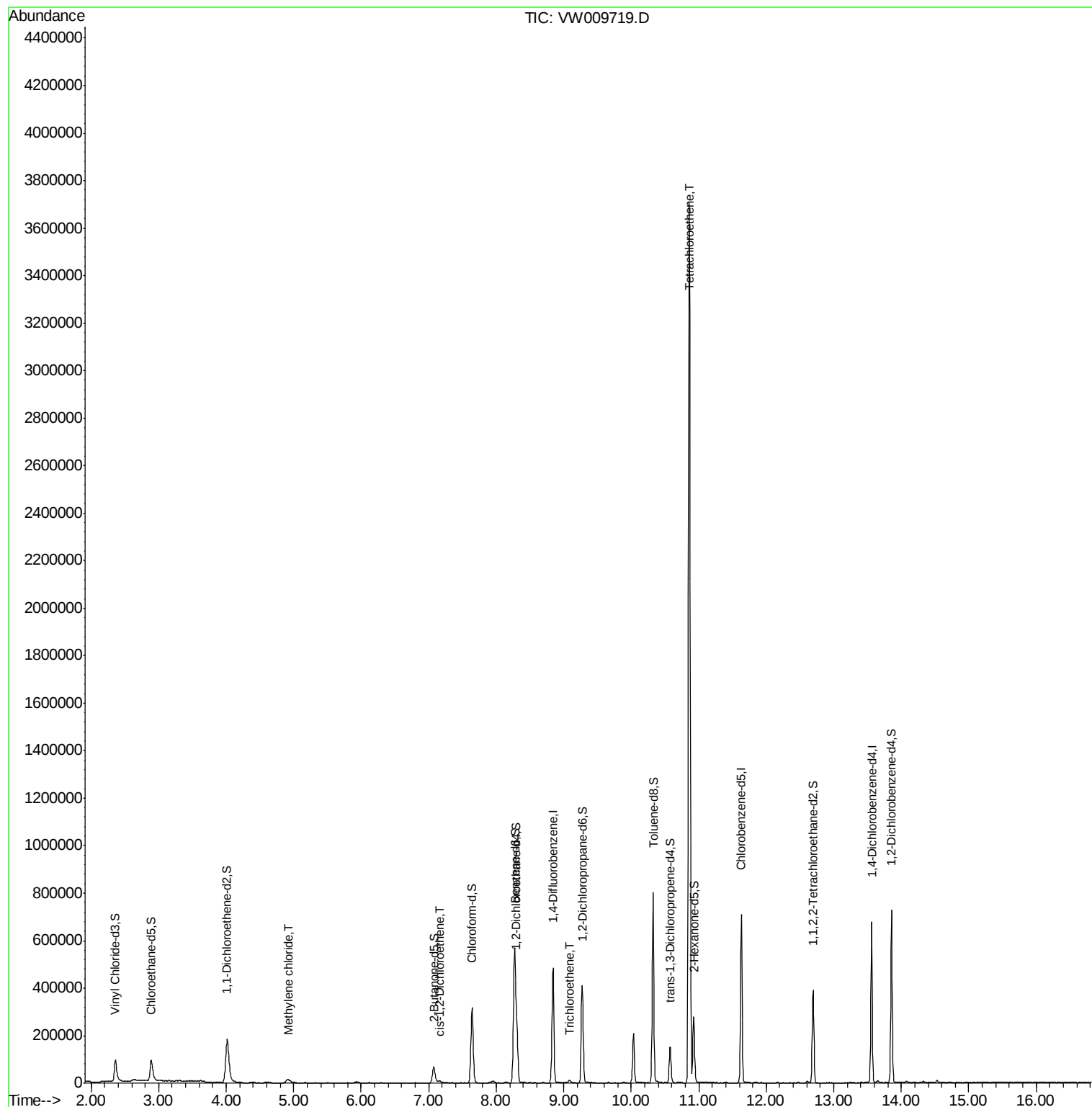
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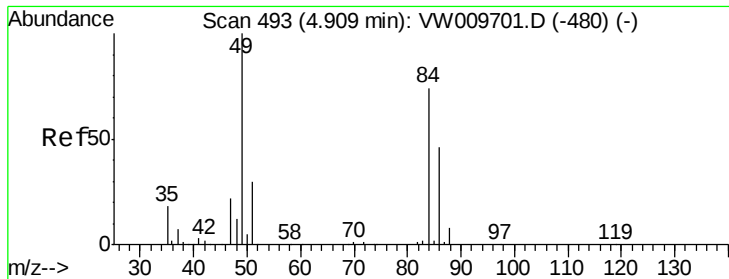
Instrument :
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ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 05 08:15:53 2019
Response via : Initial Calibration





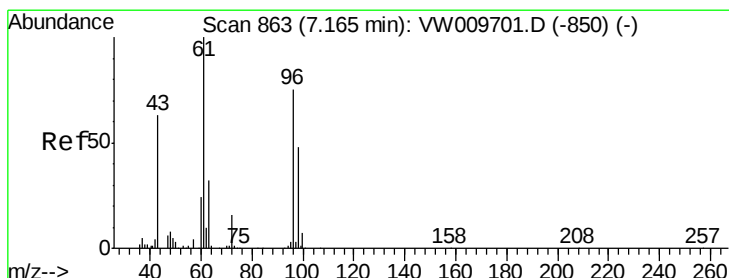
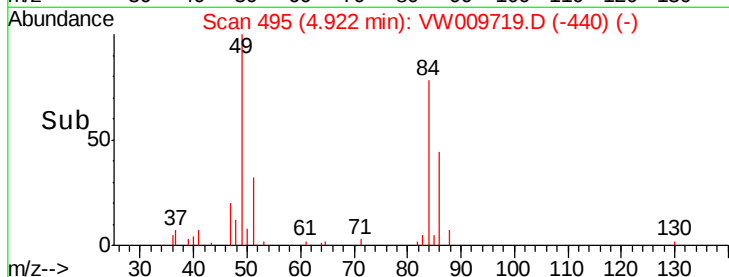
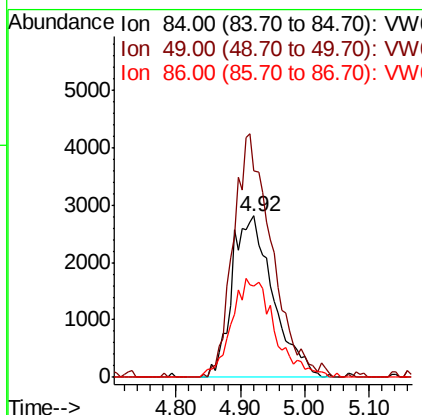
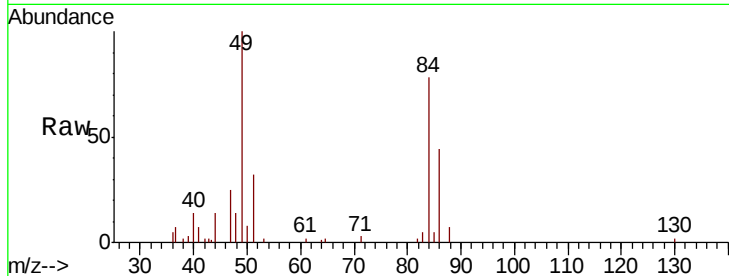
#16
Methylene chloride
Concen: 1.875 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009719.D
Acq: 05 Apr 2019 08:25

Instrument :
MSVOA_W
ClientSampled :
BF144

Tot Ion	84	Resp	12350
Ion Ratio	Lower	Upper	
84	100		
49	127.9	98.3	182.5
86	56.4	46.4	86.2

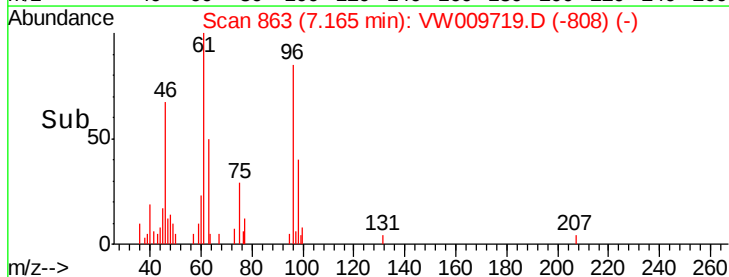
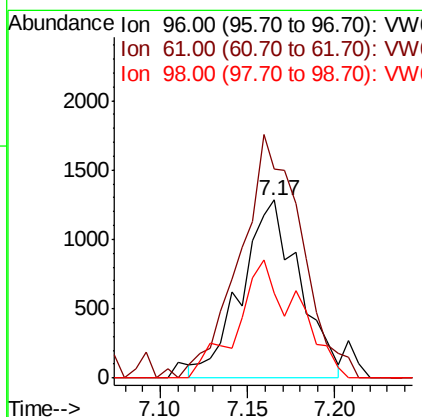
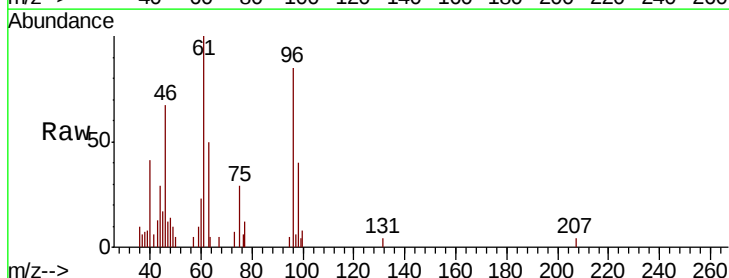
Manual Integrations
APPROVED

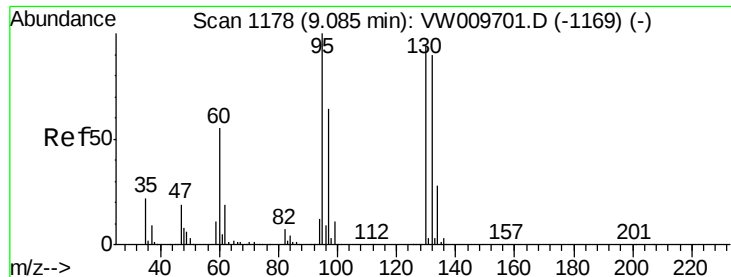
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4/8/2019 3:32:53 AM



#22
cis-1,2-Dichloroethene
Concen: 0.537 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009719.D
Acq: 05 Apr 2019 08:25

Tgt Ion	96	Resp	2960
Ion Ratio	Lower	Upper	
96	100		
61	117.6	96.8	179.8
98	47.4	43.5	80.9





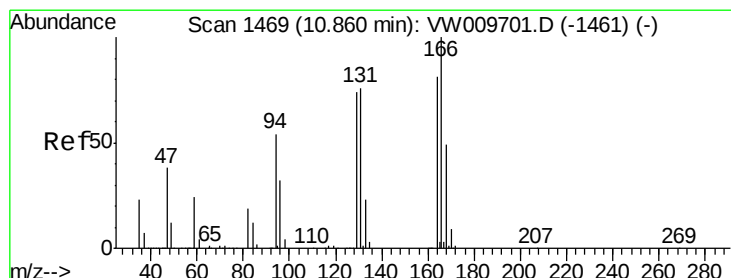
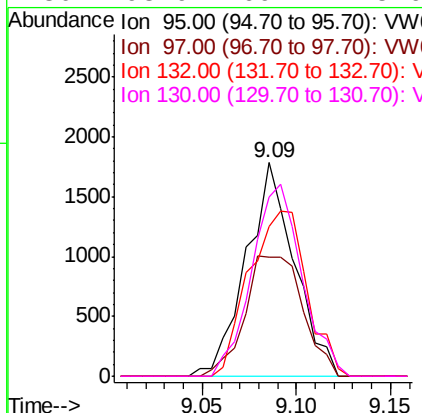
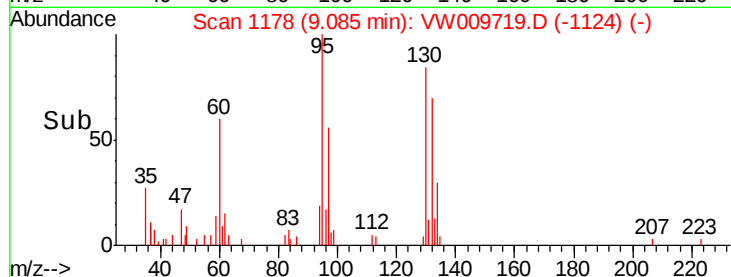
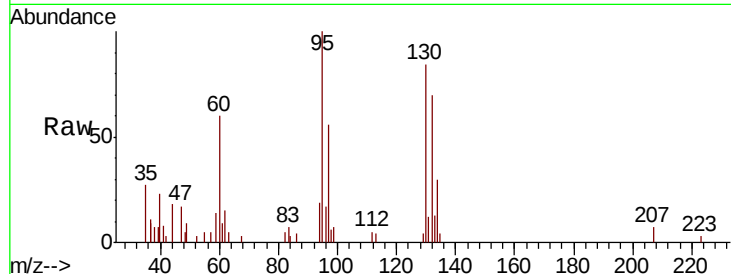
#35
 Trichloroethene
 Concen: 0.549 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009719.D
 Acq: 05 Apr 2019 08:25

Instrument :
 MSVOA_W
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
95	100		
97	67.6	44.9	83.5
132	92.5	67.1	124.7
130	93.9	69.2	128.6

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#47
 Tetrachloroethene
 Concen: 163.188 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009719.D
 Acq: 05 Apr 2019 08:25

Tgt Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.9	127.9
131	91.4	63.1	117.1
166	126.2	88.5	164.4

