

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042919\
 Data File : VW010207.D
 Acq On : 30 Apr 2019 05:26
 Operator : SY/VA
 Sample : K2606-17
 Misc : 4.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5149

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:31:00 PM

Quant Time: Apr 30 07:58:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	486351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217946	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92568	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	2.89	69	85896	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	157770m	12.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.44%
20) 2-Butanone-d5	7.08	46	148731	73.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.18%#
24) Chloroform-d	7.65	84	282478	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	8.31	65	181420	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.27	84	490796	18.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.96%
33) 1,2-Dichloropropane-d6	9.27	67	173248	21.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.84%
37) Toluene-d8	10.32	98	419133	17.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.36%
38) trans-1,3-Dichloropropene-	10.58	79	72929	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.93	63	125752	74.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	212336	30.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	191554	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.37	76	18332	1.077	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	11410	1.829	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	37415	5.546	ug/L	98
35) Trichloroethene	9.09	95	8458	1.178	ug/L	93

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

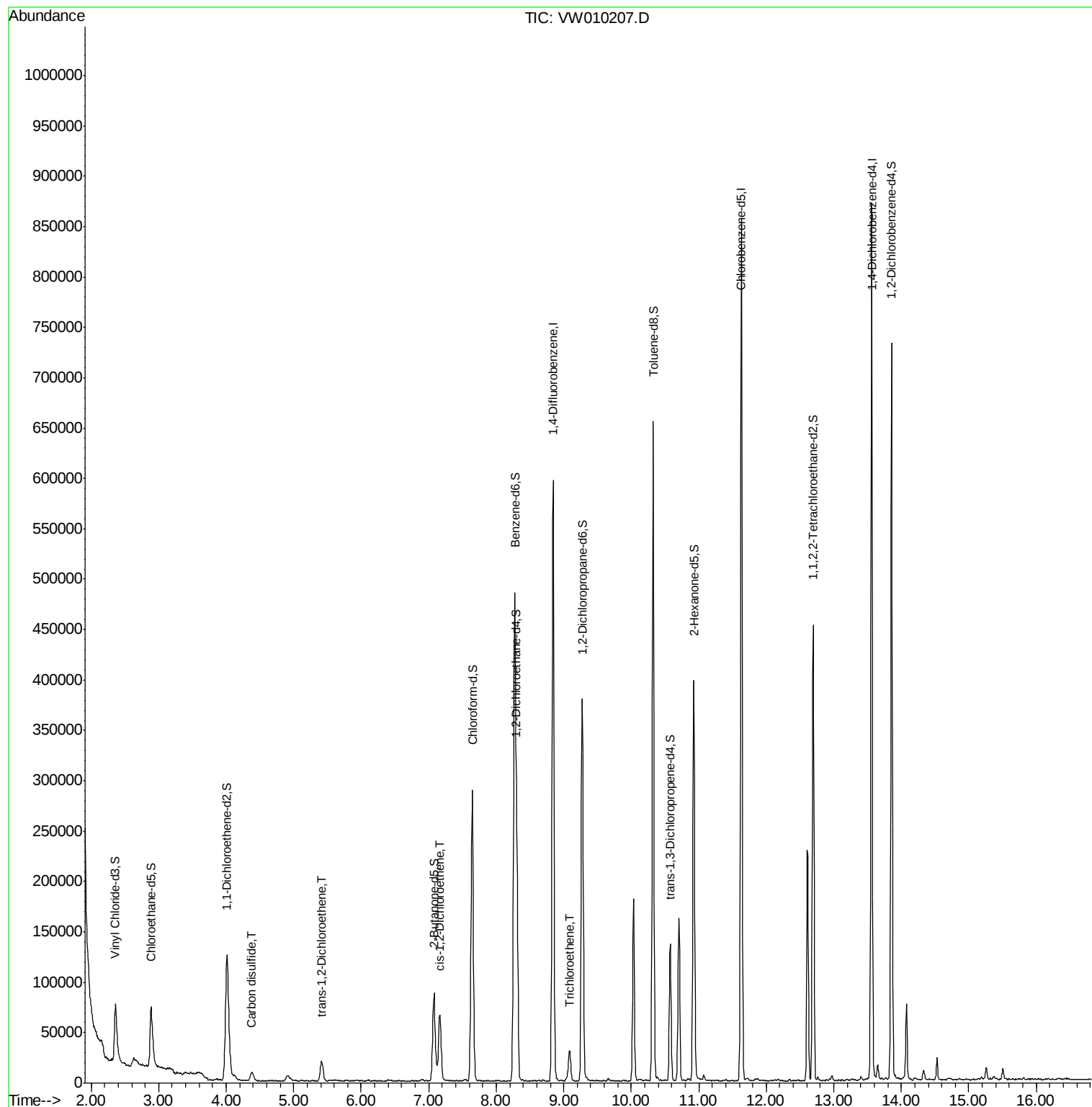
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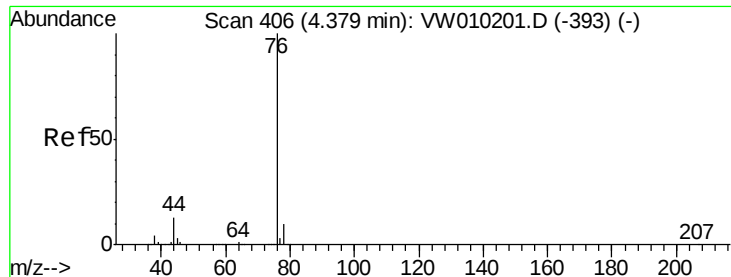
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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 1.077 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010207.D

Acq: 30 Apr 2019 05:26

Instrument :

MSVOA_W

ClientSampled :

A5149

Tot Ion: 76 Resp: 18332

Ion Ratio Lower Upper

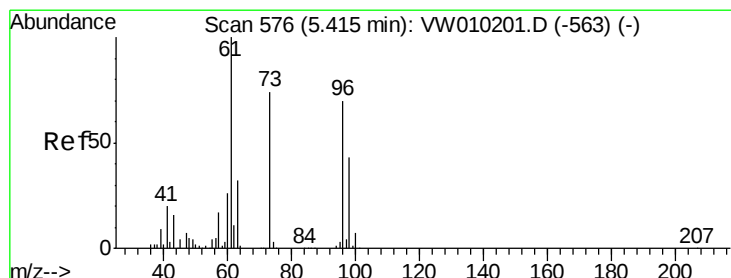
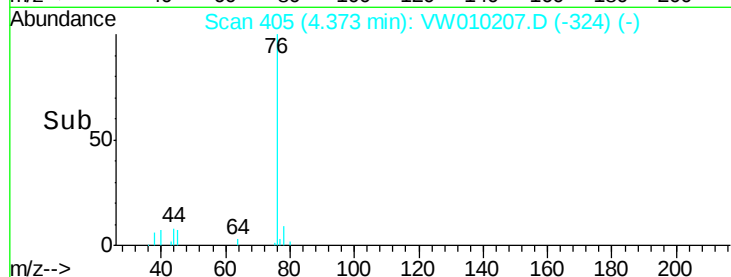
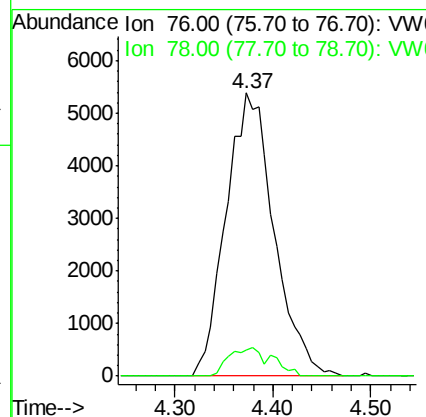
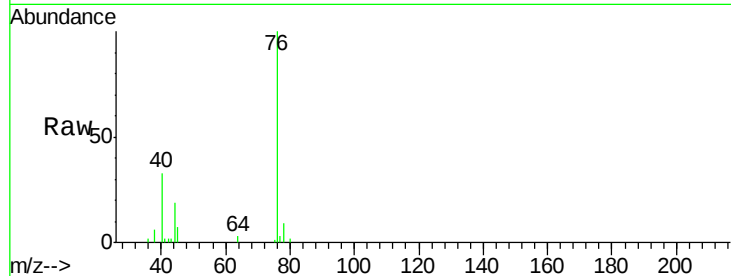
76 100

78 9.3 7.3 10.9

Manual Integrations
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#18

trans-1,2-Dichloroethene

Concen: 1.829 ug/L

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW010207.D

Acq: 30 Apr 2019 05:26

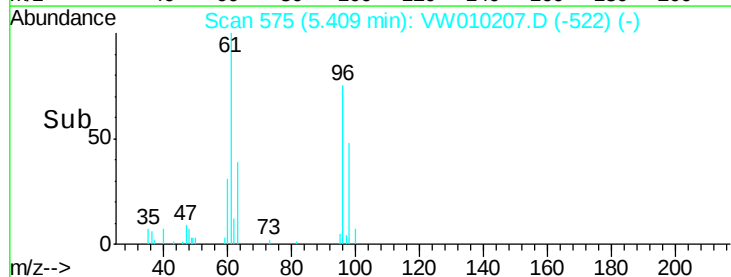
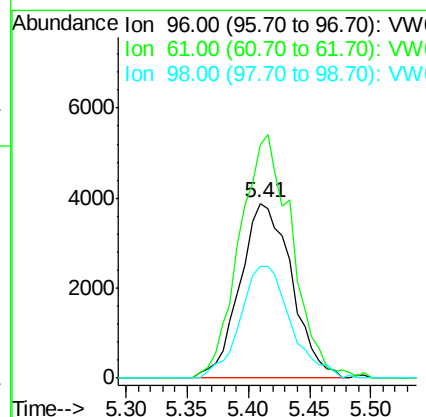
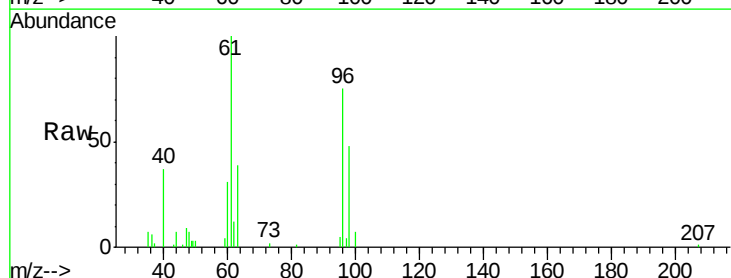
Tgt Ion: 96 Resp: 11410

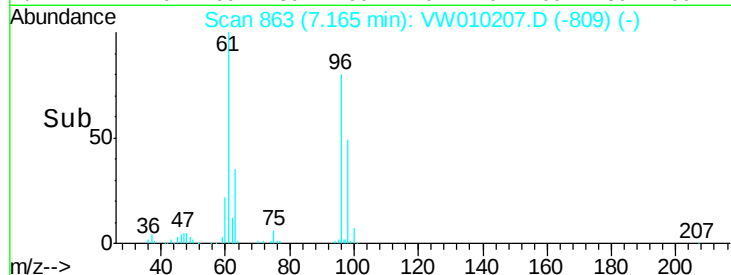
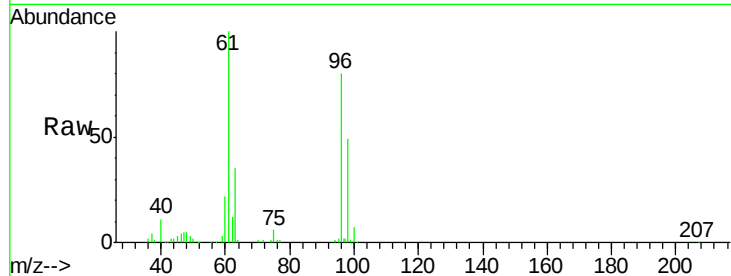
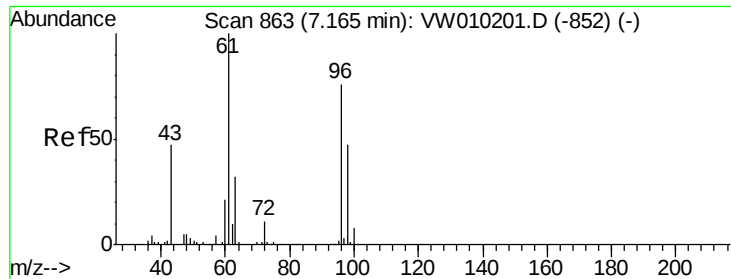
Ion Ratio Lower Upper

96 100

61 133.8 99.4 184.6

98 64.2 44.8 83.2





#22

cis-1,2-Dichloroethene

Concen: 5.546 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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Tot Ion:	96	Resp:	37415
Ion	Ratio	Lower	Upper
96	100		
61	125.6	90.0	167.2
98	62.1	42.8	79.6

Instrument :

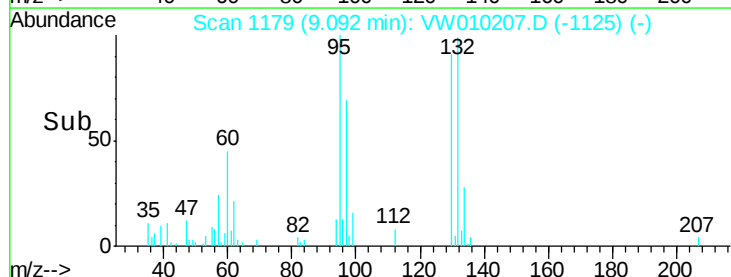
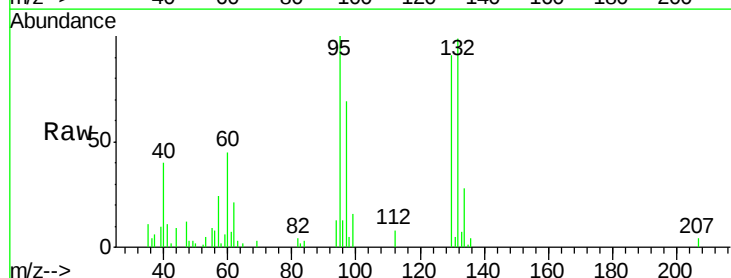
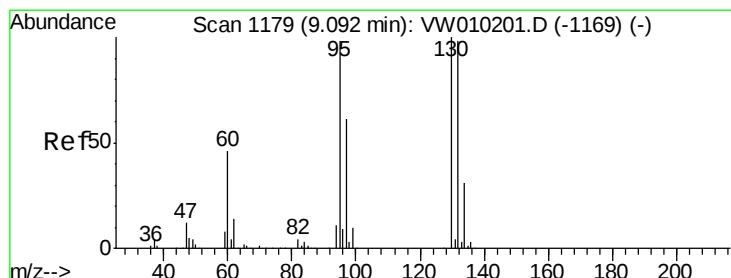
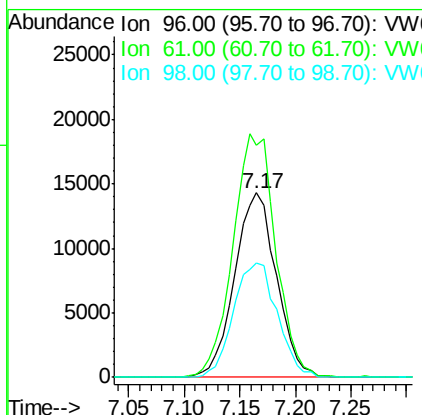
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#35

Trichloroethene

Concen: 1.178 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010207.D

Acq: 30 Apr 2019 05:26

Tgt Ion:	95	Resp:	8458
Ion	Ratio	Lower	Upper
95	100		
97	77.9	45.4	84.2
132	95.0	69.2	128.6
130	106.4	72.2	134.2

