

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
 Data File : VW011187.D
 Acq On : 10 Jul 2019 11:17
 Operator : SY/VA
 Sample : K3724-02
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 DB8T1

Manual Integrations
 APPROVED

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 7/15/2019 2:54:39 PM

Quant Time: Jul 11 05:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292554	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259410	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76170	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
7) Chloroethane-d5	2.89	69	59540	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	138778	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.07	46	76633	43.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.10%
24) Chloroform-d	7.65	84	172384	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	8.31	65	108923m	22.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.24%
29) Benzene-d6	8.27	84	355790	22.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.04%
33) 1,2-Dichloropropane-d6	9.27	67	119983	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.32	98	314675	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	45891	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.96%
39) 2-Hexanone-d5	10.92	63	49690	41.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96544	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	108342	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) cis-1,2-Dichloroethene	7.17	96	2791	0.664	ug/L	88
35) Trichloroethene	9.09	95	2489	0.608	ug/L	89
47) Tetrachloroethene	10.86	164	152047	49.173	ug/L	98

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

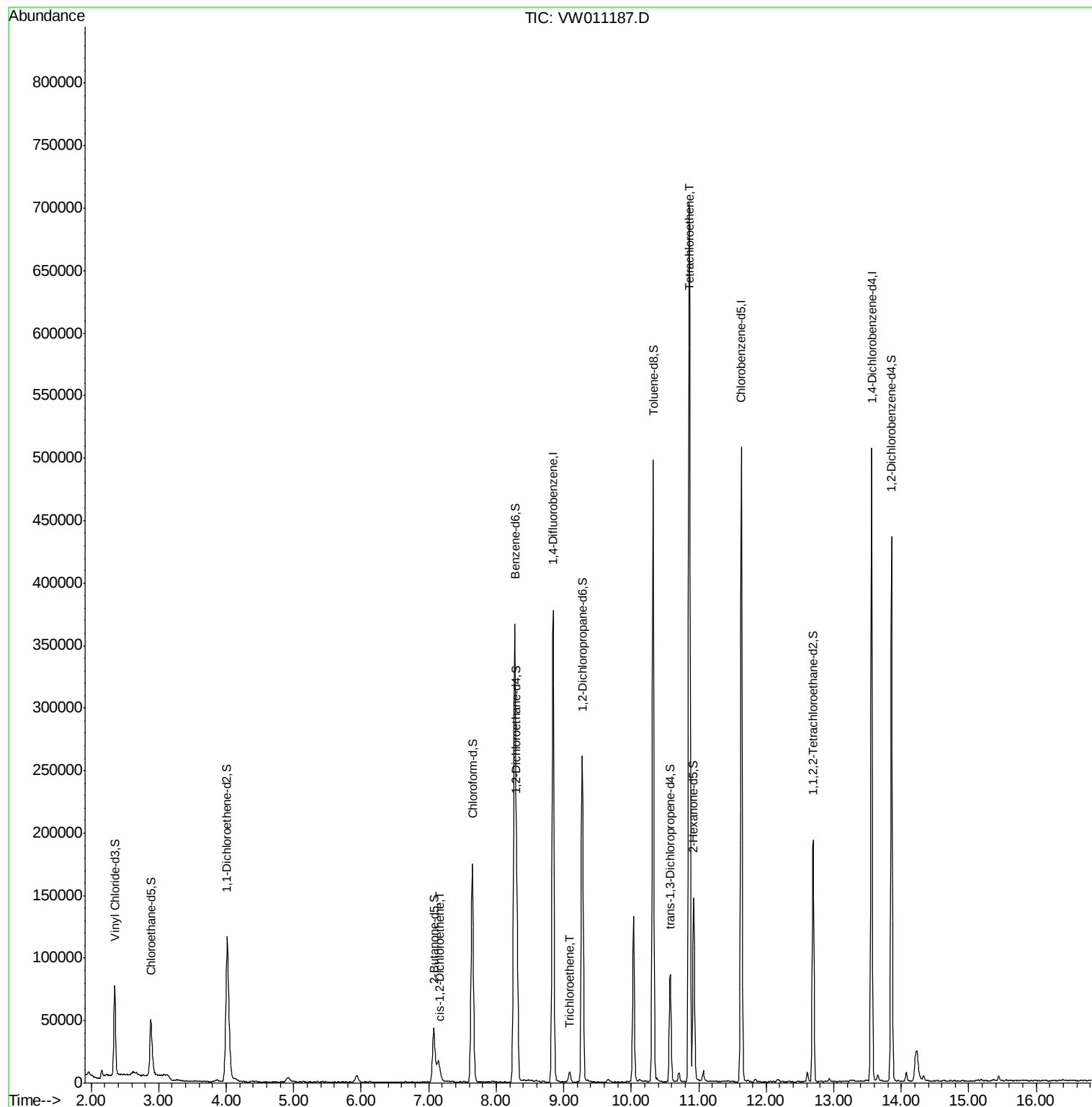
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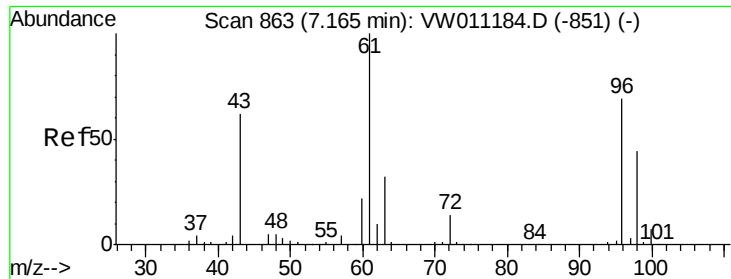
Instrument :
MSVOA_W
ClientSampleId :
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QLast Update : Thu Jul 11 05:38:29 2019
Response via : Initial Calibration





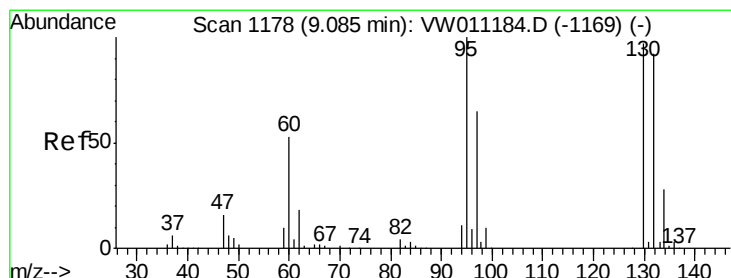
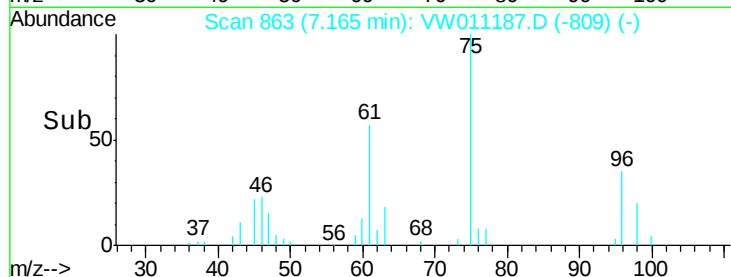
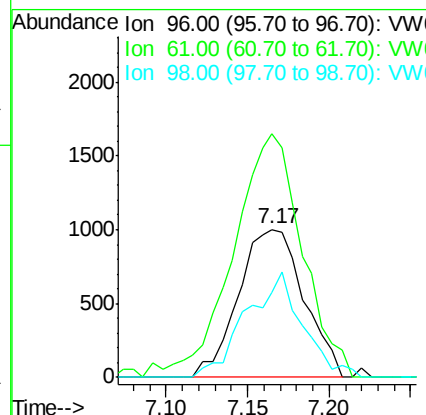
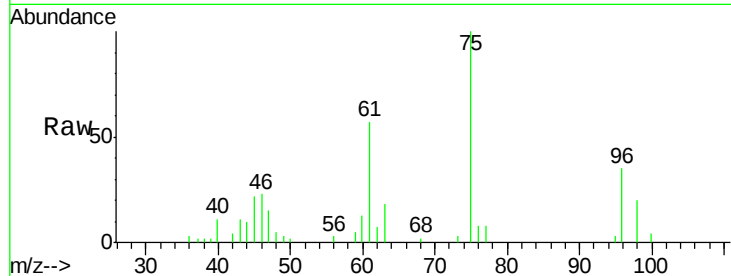
#22
 cis-1,2-Dichloroethene
 Concen: 0.664 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW011187.D
 Acq: 10 Jul 2019 11:17

Instrument :
 MSVOA_W
 ClientSampled :
 DB8T1

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	103.2	191.6
98	57.5	44.8	83.2

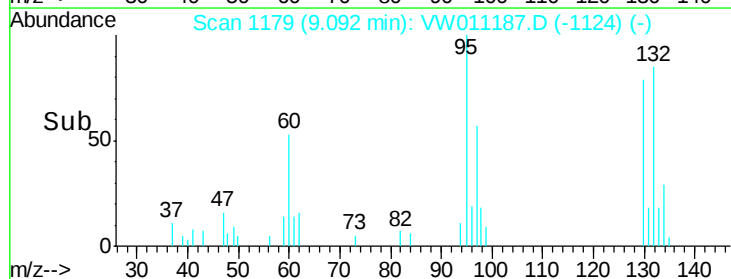
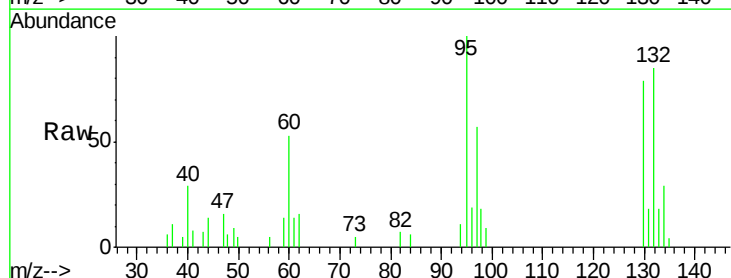
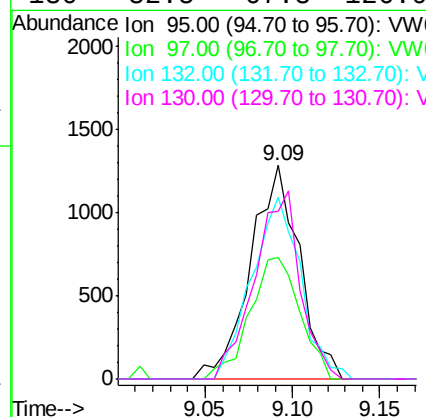
Manual Integrations
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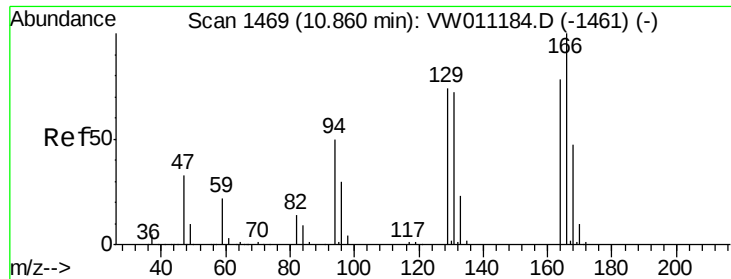
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#35
 Trichloroethene
 Concen: 0.608 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW011187.D
 Acq: 10 Jul 2019 11:17

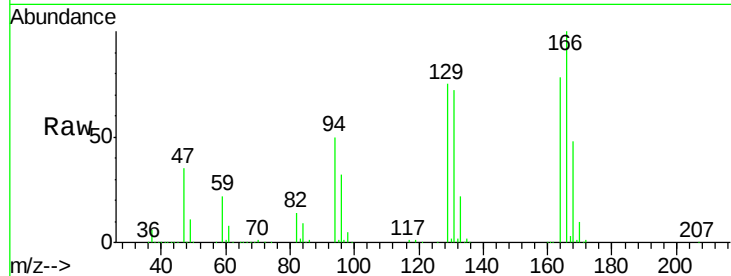
Tgt Ion	Ratio	Lower	Upper
95	100		
97	58.3	45.4	84.2
132	85.3	65.0	120.8
130	82.5	67.8	126.0





#47
Tetrachloroethene
Concen: 49.173 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011187.D
Acq: 10 Jul 2019 11:17

Instrument :
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ClientSampleId :
DB8T1



Tgt Ion:	164	Resp:	152047
Ion Ratio	Lower	Upper	
164	100		
129	95.4	68.5	127.1
131	92.4	64.8	120.4
166	127.7	87.9	163.3

Manual Integrations
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