

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009189.D
 Acq On : 15 Mar 2019 00:03
 Operator : SY/VA
 Sample : K1885-03
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF187

Manual Integrations
 APPROVED

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 3/15/2019 12:30:59 PM

Quant Time: Mar 15 08:04:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367803	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344882	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162444	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133640	30.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.64%
7) Chloroethane-d5	2.89	69	119347	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
10) 1,1-Dichloroethene-d2	4.01	63	198320	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.52%
20) 2-Butanone-d5	7.07	46	73466	40.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.84%
24) Chloroform-d	7.64	84	254717	25.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	8.30	65	146146	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	8.27	84	497814	26.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.68%
33) 1,2-Dichloropropane-d6	9.27	67	147082	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.32	98	456641	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.88%
38) trans-1,3-Dichloropropene-	10.58	79	64177	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.92	63	61378	44.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124551	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	167665	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%

Target Compounds

					Ovalue
13) Acetone	4.11	43	4858	3.259 ug/L	84
16) Methylene chloride	4.93	84	17482m	3.259 ug/L	
47) Tetrachloroethene	10.86	164	1402541	330.004 ug/L	98

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

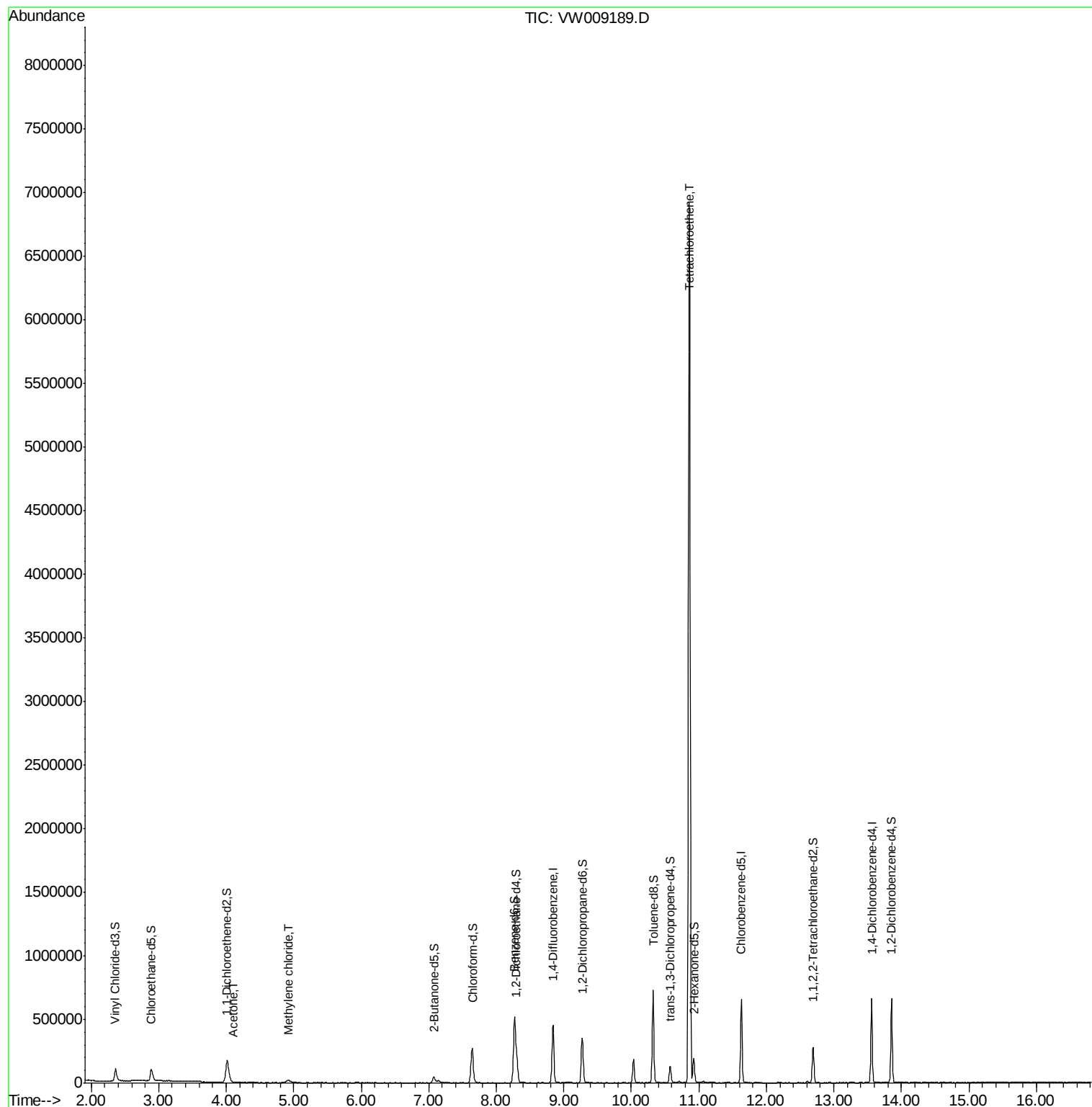
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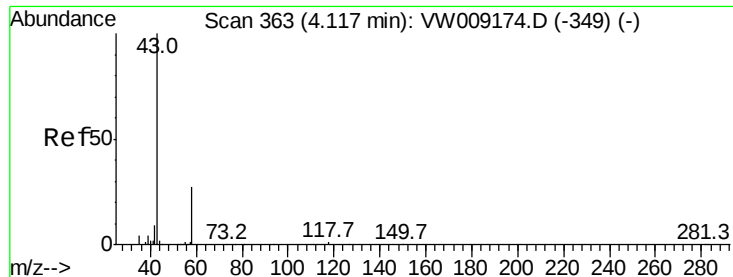
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#13

Acetone

Concen: 3.259 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009189.D

Acq: 15 Mar 2019 00:03

Instrument :

MSVOA_W

ClientSampleId :

BF187

Tot Ion: 43 Resp: 4858

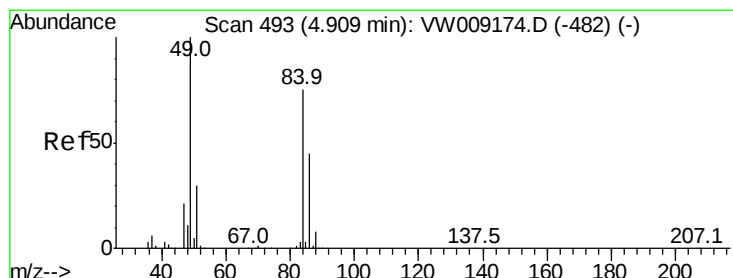
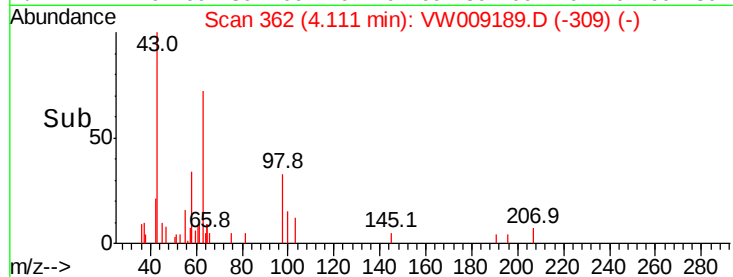
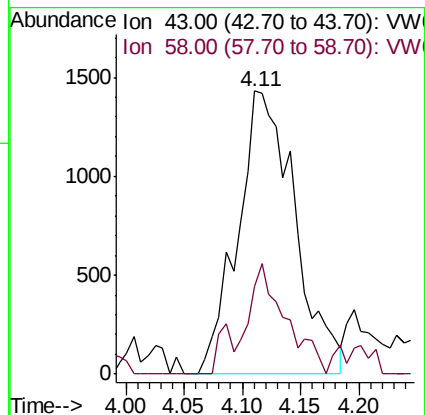
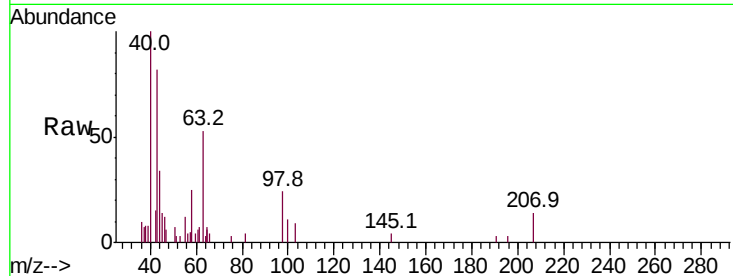
Ion Ratio Lower Upper

43 100

58 19.9 0.0 56.2

Manual Integrations
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#16

Methylene chloride

Concen: 3.259 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.02 min

Lab File: VW009189.D

Acq: 15 Mar 2019 00:03

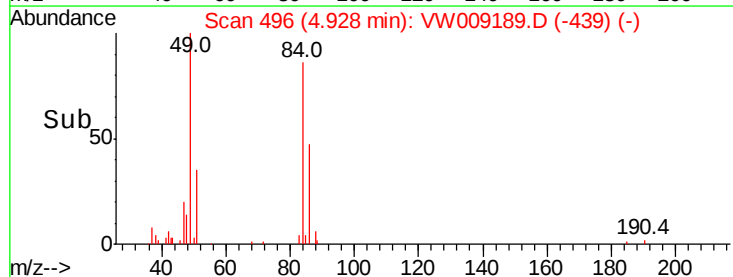
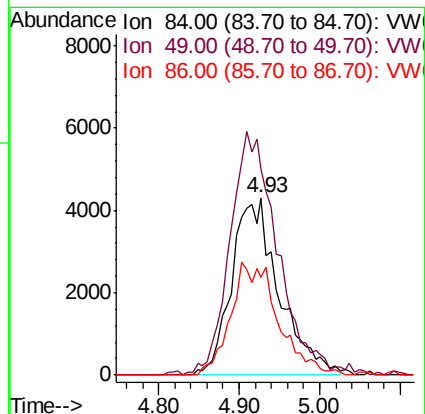
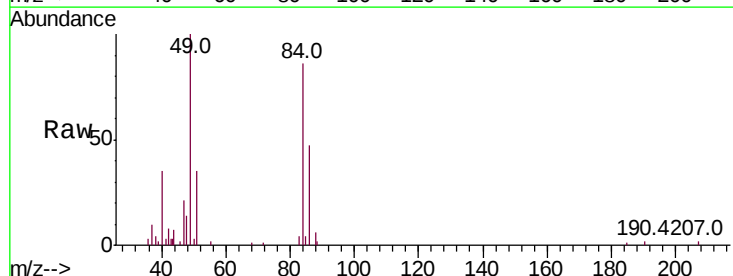
Tgt Ion: 84 Resp: 17482

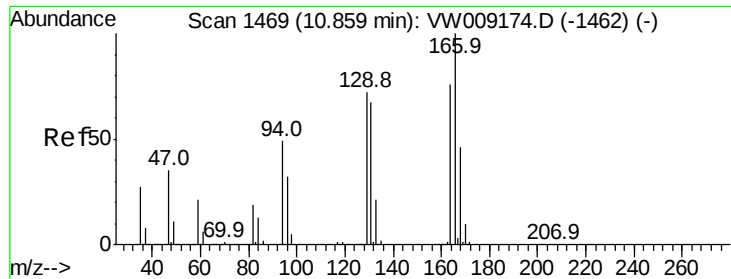
Ion Ratio Lower Upper

84 100

49 116.3 96.0 178.2

86 54.9 44.4 82.5





#47
Tetrachloroethene
Concen: 330.004 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.5	123.5
131	91.6	62.6	116.3
166	129.0	91.6	170.0

Manual Integrations
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