

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

Quant Time: Mar 15 06:58:35 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

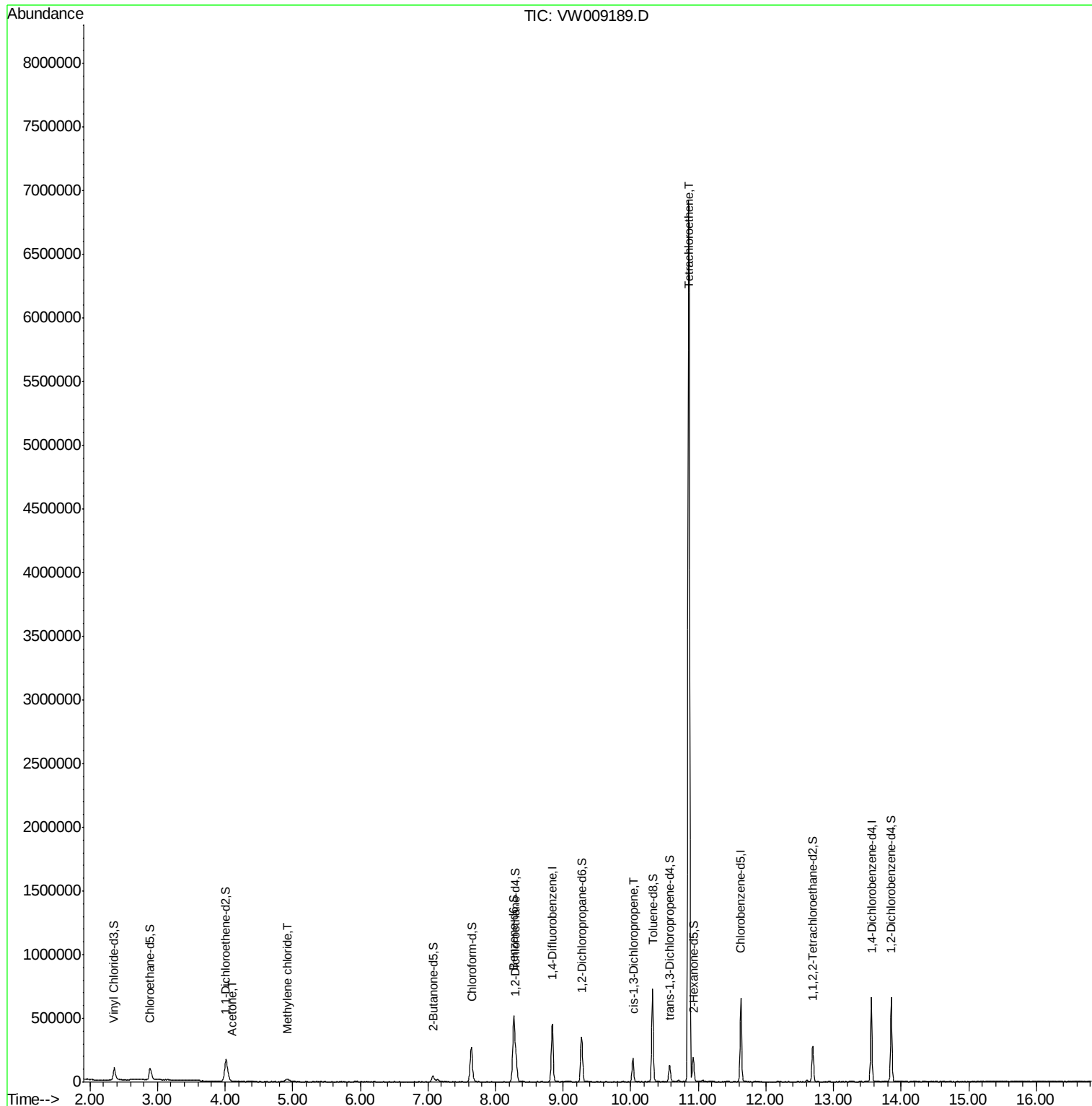
					Qvalue
13) Acetone	4.11	43	4858	3.259 ug/L	84
16) Methylene chloride	4.92	84	9471	1.766 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	5152	0.653 ug/L #	48
47) Tetrachloroethene	10.86	164	1402541	330.004 ug/L	98

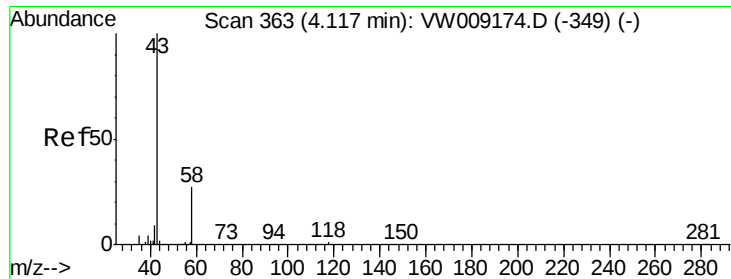
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.259 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

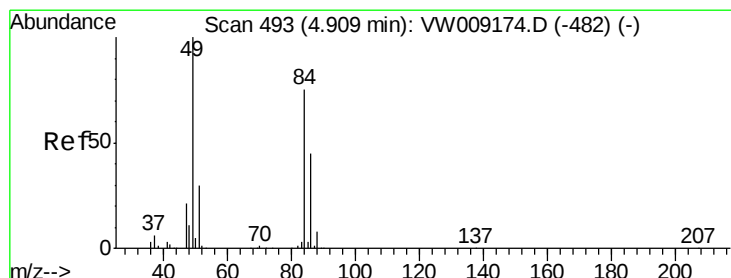
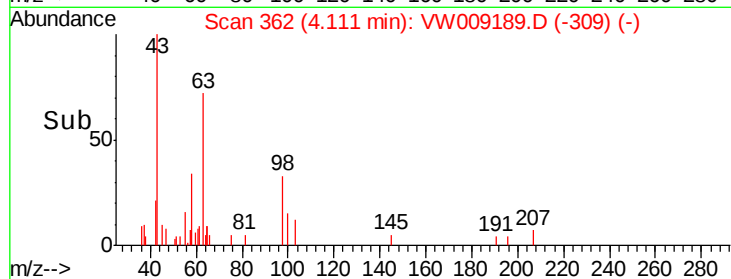
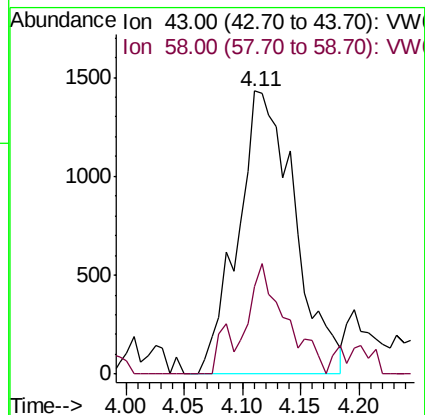
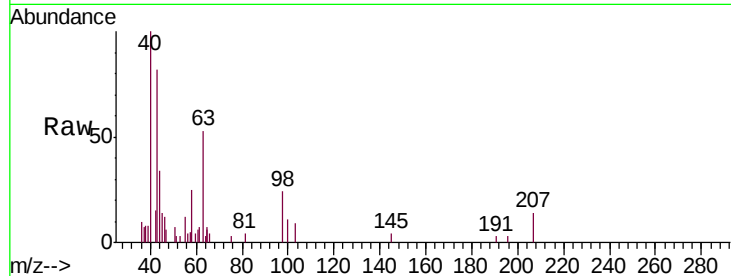
BF187

Tgt Ion: 43 Resp: 4858

Ion Ratio Lower Upper

43 100

58 19.9 0.0 56.2



#16

Methylene chloride

Concen: 1.766 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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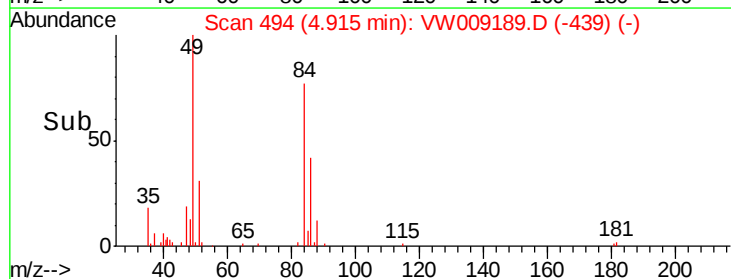
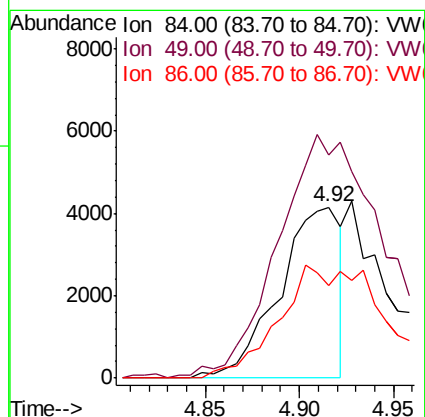
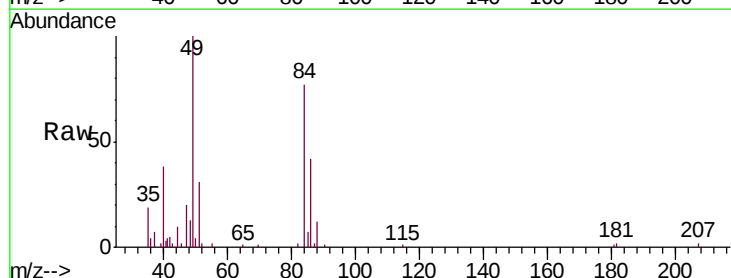
Tgt Ion: 84 Resp: 9471

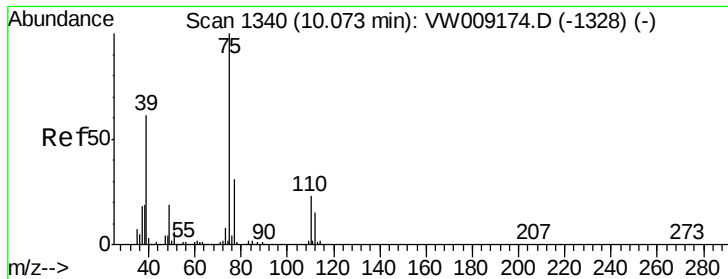
Ion Ratio Lower Upper

84 100

49 130.3 96.0 178.2

86 54.3 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

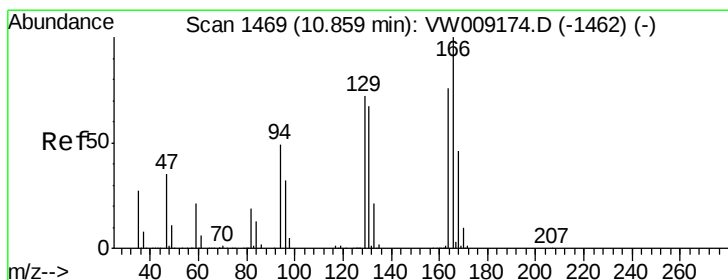
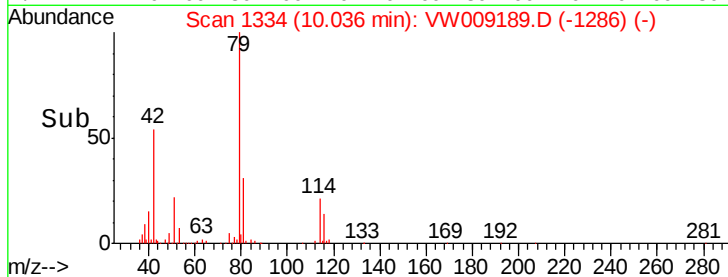
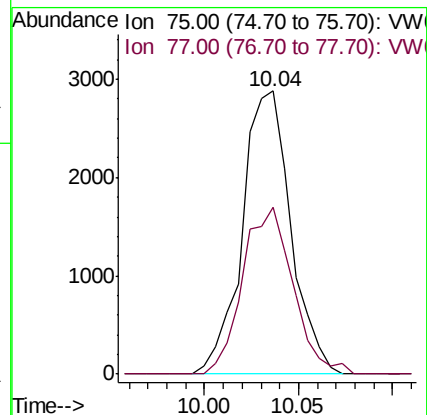
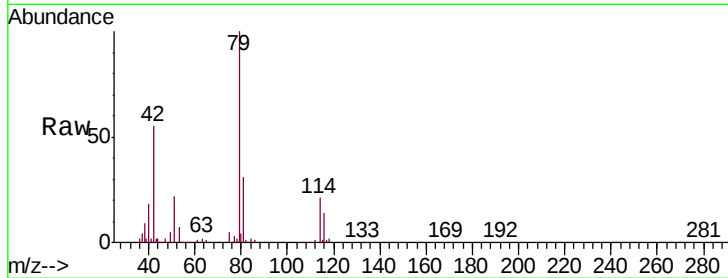
BF187

Tgt Ion: 75 Resp: 5152

Ion Ratio Lower Upper

75 100

77 59.2 21.6 40.2#



#47

Tetrachloroethene

Concen: 330.004 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 1402541

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

