

Data File : VW009279.D
Acq On : 20 Mar 2019 11:33
Operator : SY/VA
Sample : K1986-01
Misc : 6.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0A8

Quant Time: Mar 21 10:32:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	452742	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145225	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
7) Chloroethane-d5	2.89	69	131076	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.84%
10) 1,1-Dichloroethene-d2	4.01	63	227576	19.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.84%
20) 2-Butanone-d5	7.07	46	86288	38.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.14%
24) Chloroform-d	7.65	84	290910	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.30	65	170292	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.27	84	557758	24.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.80%
33) 1,2-Dichloropropane-d6	9.27	67	167940	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	505996	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	78738	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.93	63	66303	39.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140566	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	173491	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

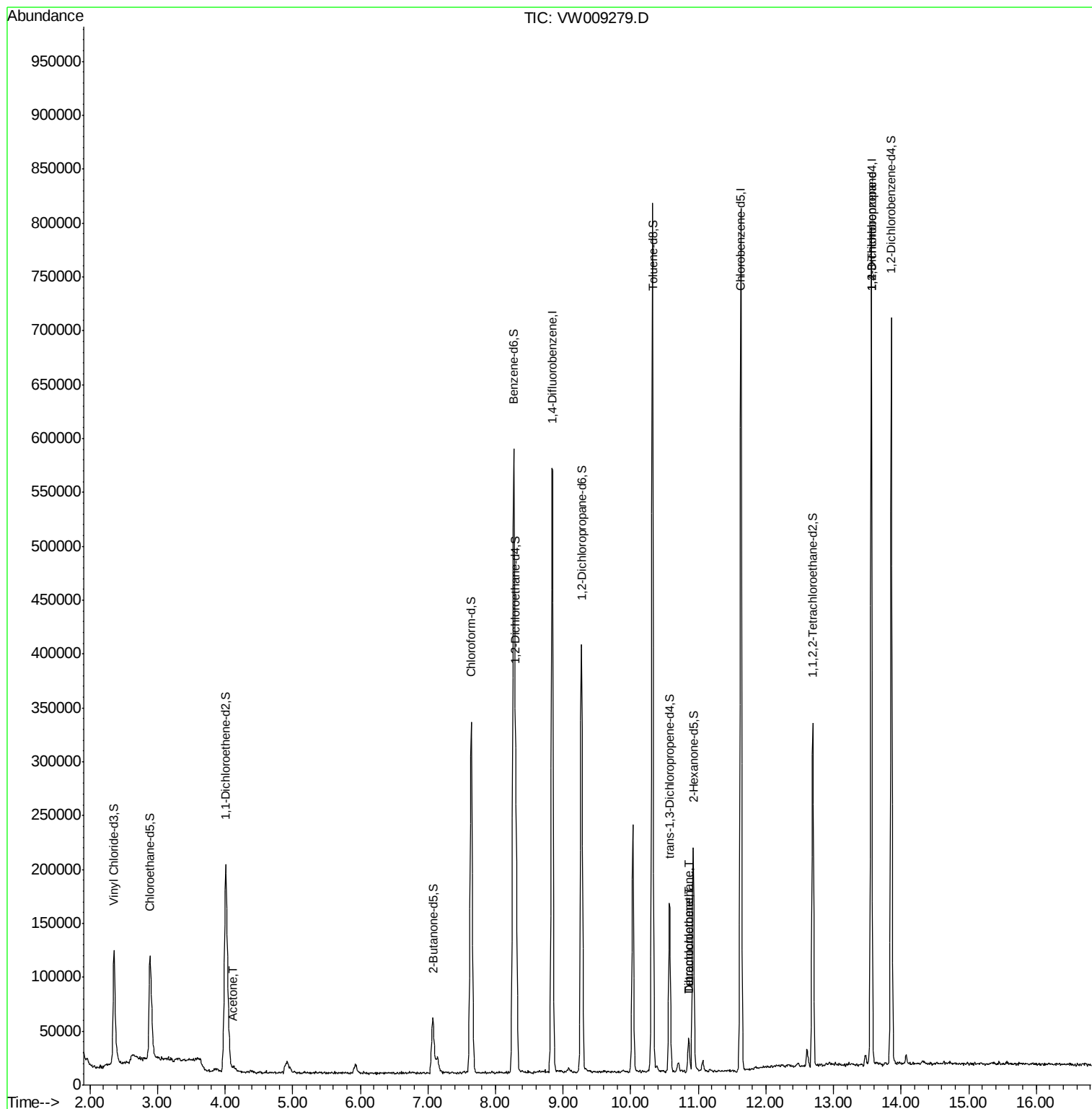
					Qvalue
13) Acetone	4.12	43	2619	1.427 ug/L	98
47) Tetrachloroethene	10.86	164	6898	1.339 ug/L	89
50) Dibromochloromethane	10.85	129	5763	0.997 ug/L #	9
59) 1,2,3-Trichloropropane	13.55	75	25722	5.485 ug/L	89

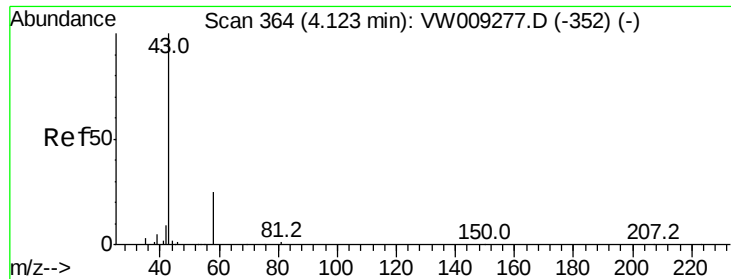
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.427 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

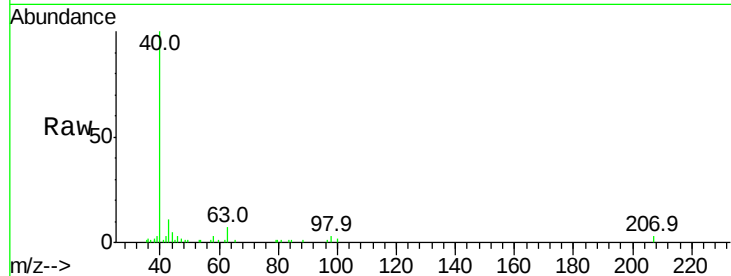
BF0A8

Tgt Ion: 43 Resp: 2619

Ion Ratio Lower Upper

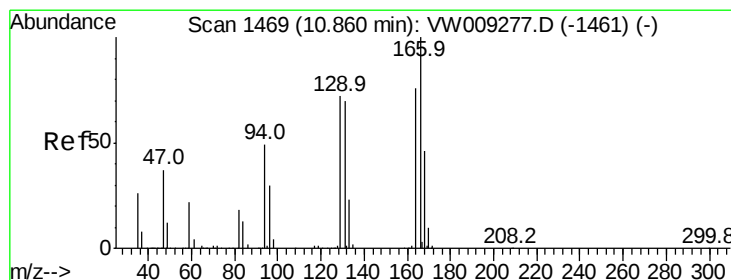
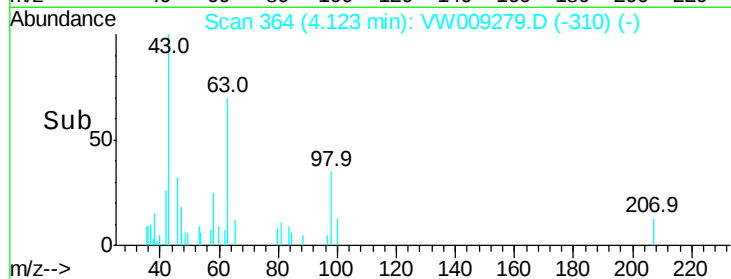
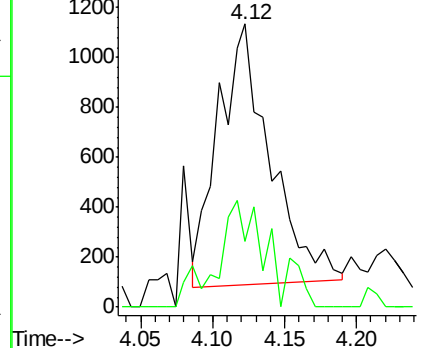
43 100

58 26.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#47

Tetrachloroethene

Concen: 1.339 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 20 Mar 2019 11:33

Tgt Ion: 164 Resp: 6898

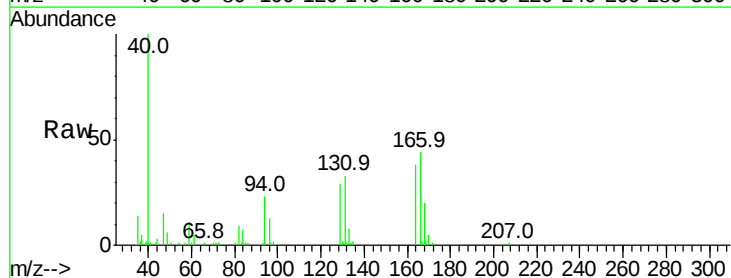
Ion Ratio Lower Upper

164 100

129 78.4 66.5 123.5

131 86.8 62.6 116.3

166 117.7 91.6 170.0

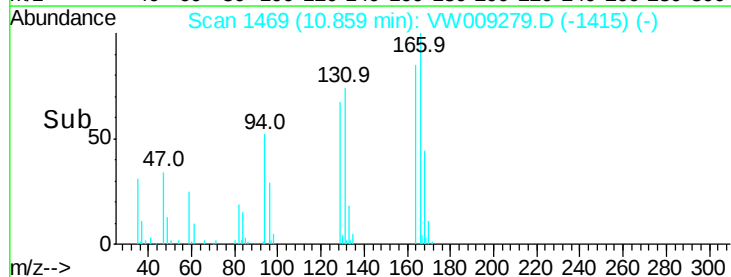
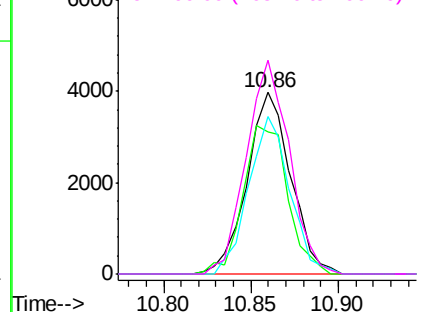


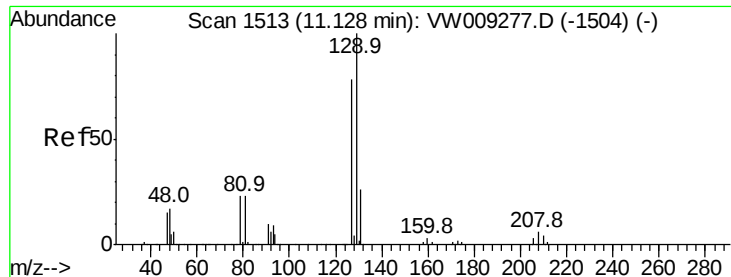
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#50

Dibromochloromethane

Concen: 0.997 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

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Instrument :

MSVOA_W

ClientSampled :

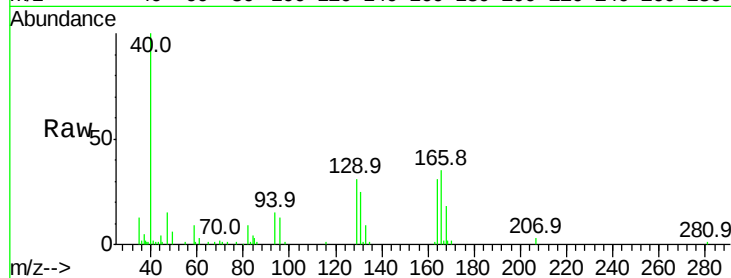
BF0A8

Tgt Ion:129 Resp: 5763

Ion Ratio Lower Upper

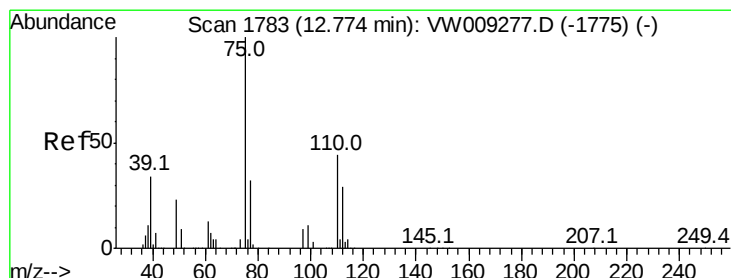
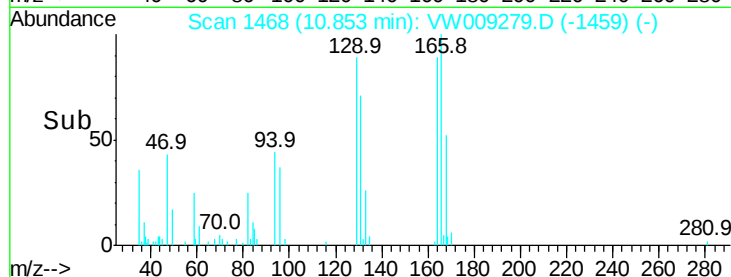
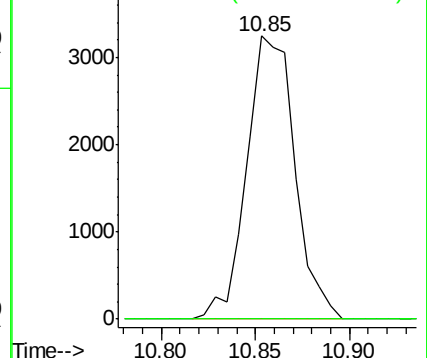
129 100

127 0.0 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.485 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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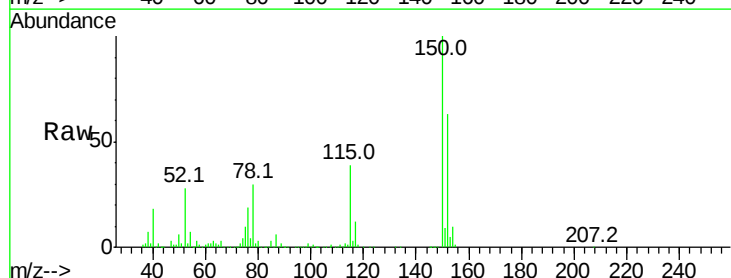
Acq: 20 Mar 2019 11:33

Tgt Ion: 75 Resp: 25722

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

