

Data File : VW009285.D
Acq On : 20 Mar 2019 14:15
Operator : SY/VA
Sample : K1986-07
Misc : 6.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0W7

Quant Time: Mar 21 10:33:29 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	424321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129947	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
7) Chloroethane-d5	2.89	69	122248	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.01	63	201845	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.07	46	87996	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.64	84	272037	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.30	65	159559	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	520721	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	9.27	67	159164	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.32	98	467220	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	70893	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.92	63	68096	42.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140550	21.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	174514	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

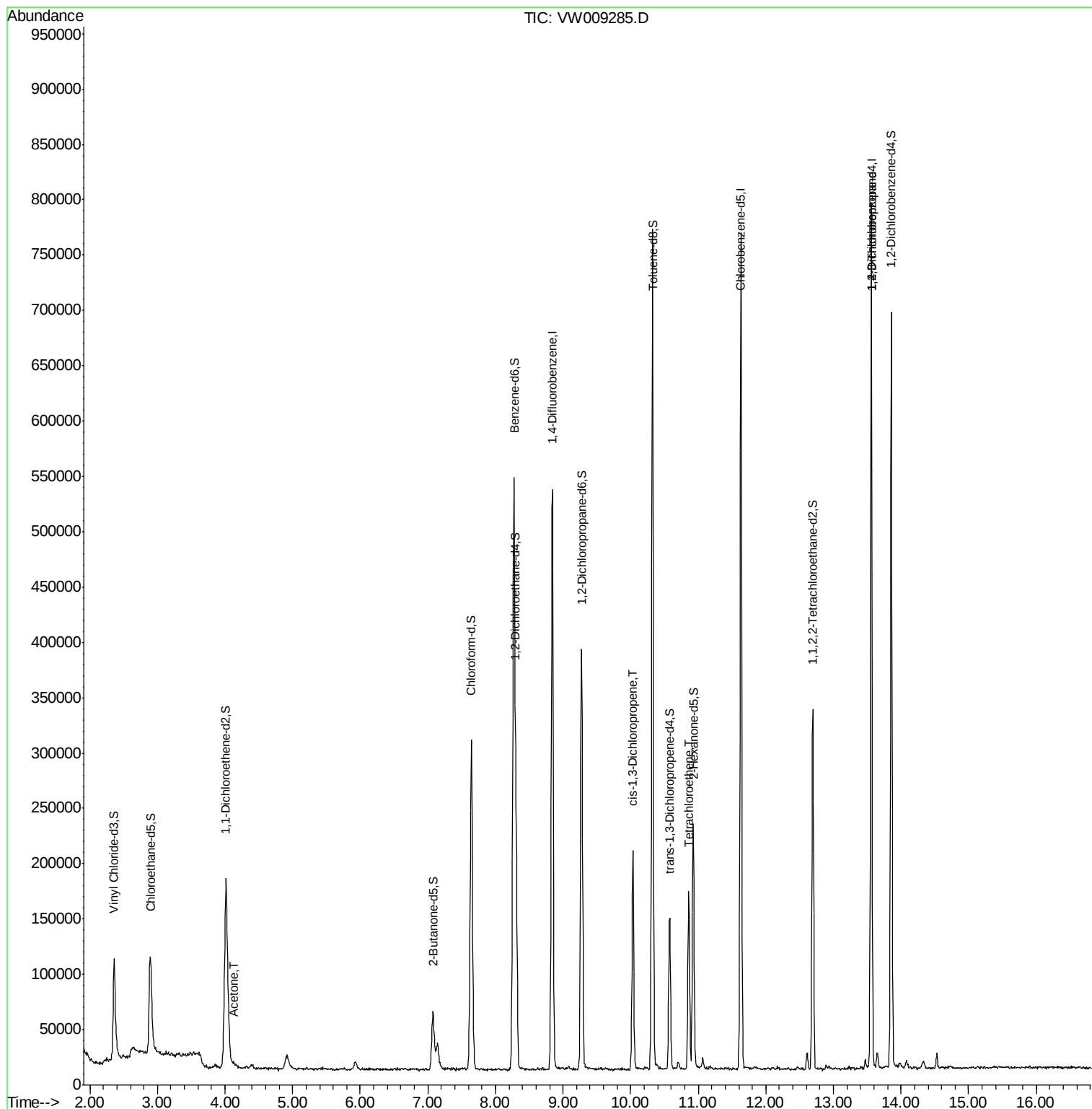
					Qvalue
13) Acetone	4.12	43	4434	2.578 ug/L	76
42) cis-1,3-Dichloropropene	10.04	75	5991	0.657 ug/L	98
47) Tetrachloroethene	10.86	164	32550	6.629 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	25064	5.607 ug/L	89

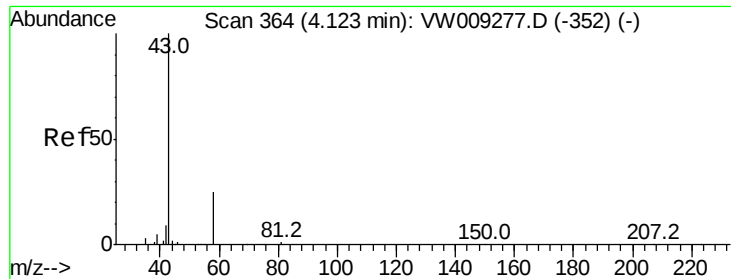
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.578 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

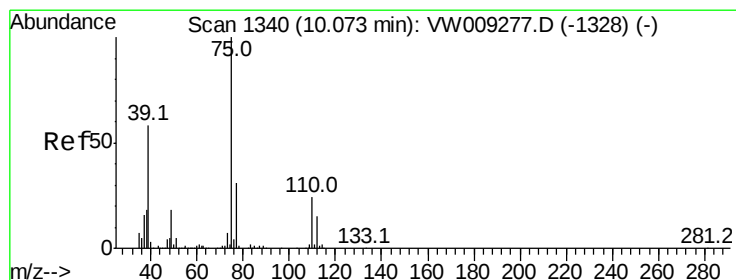
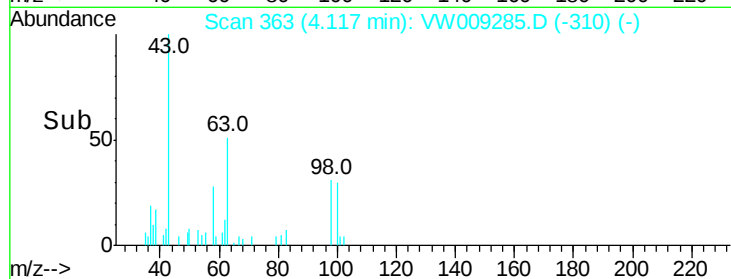
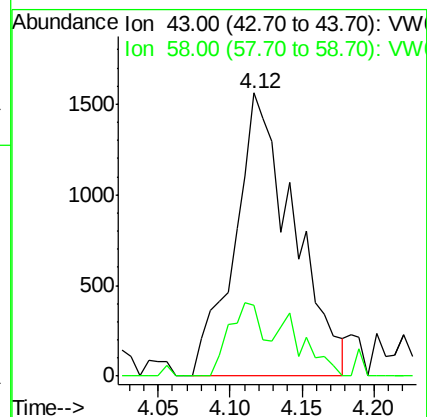
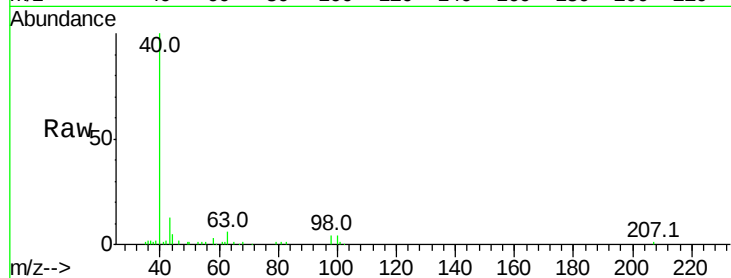
BF0W7

Tgt Ion: 43 Resp: 4434

Ion Ratio Lower Upper

43 100

58 15.5 0.0 56.2



#42

cis-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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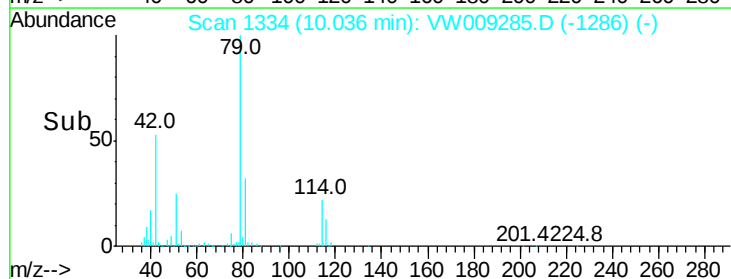
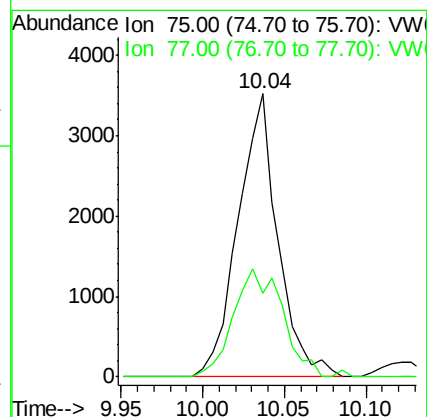
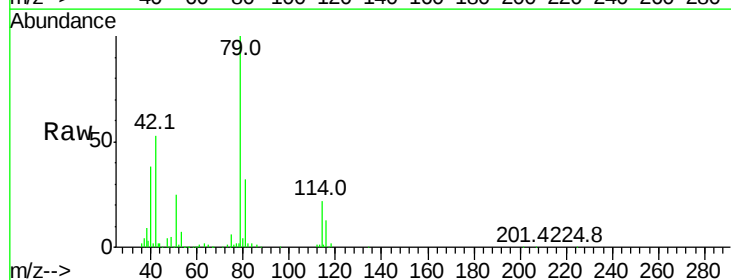
Acq: 20 Mar 2019 14:15

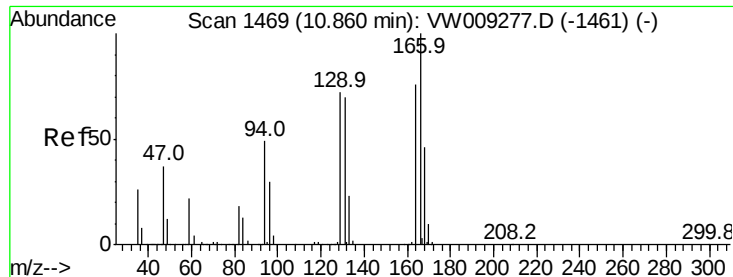
Tgt Ion: 75 Resp: 5991

Ion Ratio Lower Upper

75 100

77 29.8 21.6 40.2





#47

Tetrachloroethene

Concen: 6.629 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009285.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampled :

BF0W7

Tgt Ion:164 Resp: 32550

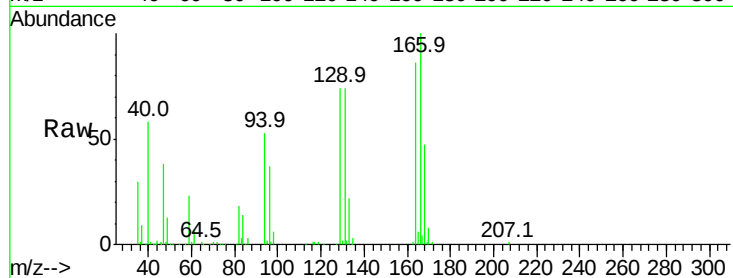
Ion Ratio Lower Upper

164 100

129 86.1 66.5 123.5

131 86.3 62.6 116.3

166 116.6 91.6 170.0

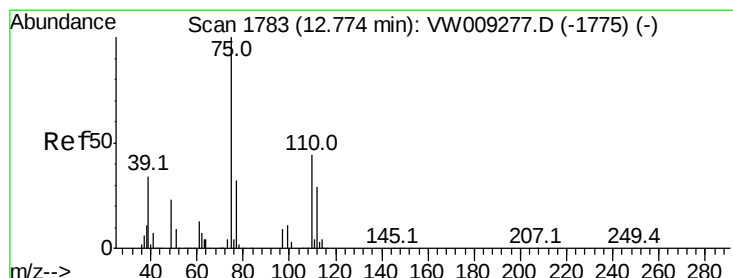
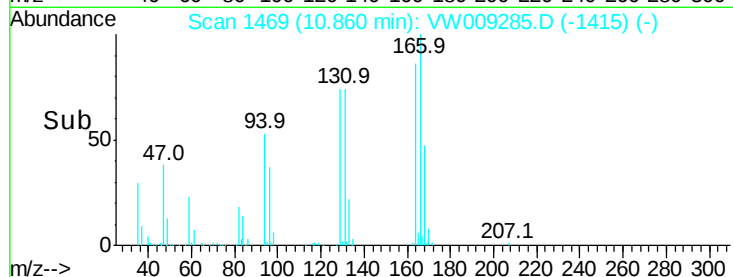
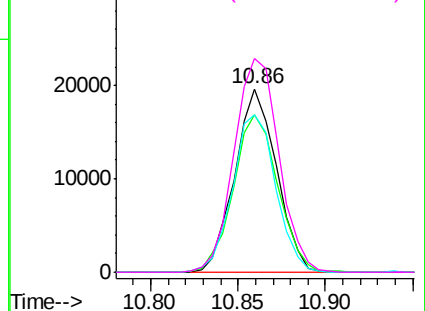


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.607 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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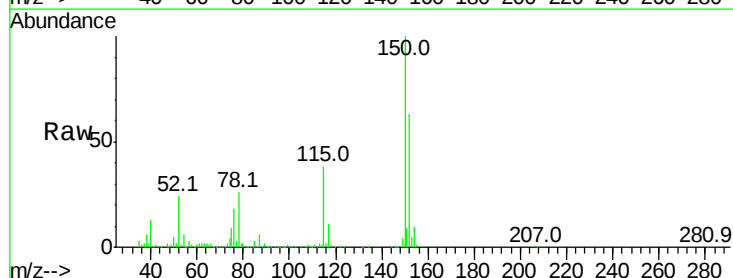
Acq: 20 Mar 2019 14:15

Tgt Ion: 75 Resp: 25064

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

