

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014235.D
 Acq On : 06 Dec 2019 00:58
 Operator : SY/VA
 Sample : K6149-19
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBT9

Quant Time: Dec 06 08:17:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 06:50:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1291878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1174249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	501541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	486241	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.89	69	352667	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
10) 1,1-Dichloroethene-d2	4.02	63	633108	18.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.28%
20) 2-Butanone-d5	7.07	46	195282	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
24) Chloroform-d	7.64	84	771720	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.30	65	401768	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.20%
29) Benzene-d6	8.27	84	1667970	24.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.96%
33) 1,2-Dichloropropane-d6	9.27	67	503081	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	10.32	98	1505006	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.57	79	193340	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.92	63	154635	36.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	356636	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	482586	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

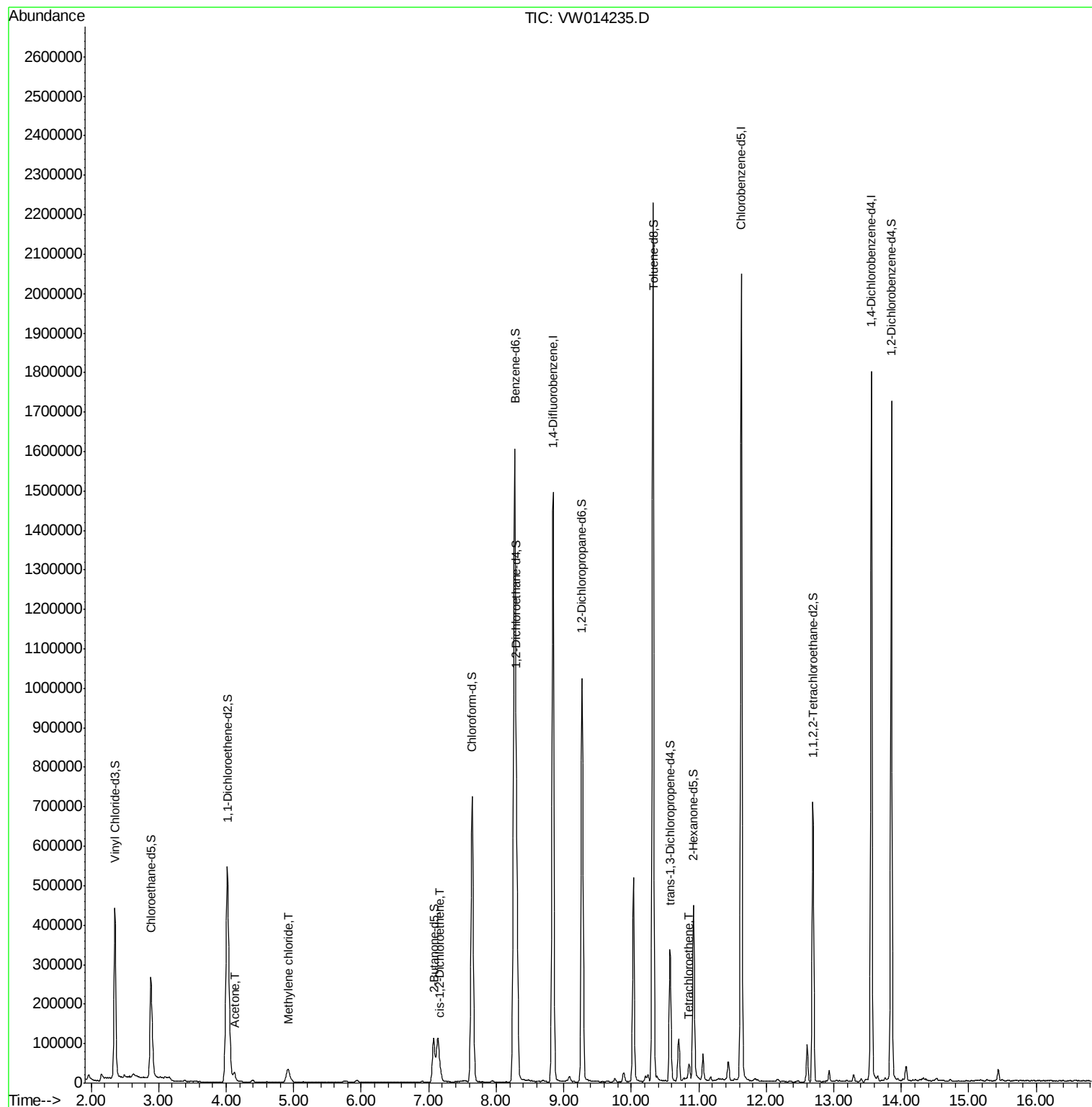
					Ovalue
13) Acetone	4.12	43	36811	7.489	ug/L 100
16) Methylene chloride	4.92	84	31149	1.573	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	11094	0.564	ug/L 86
47) Tetrachloroethene	10.86	164	9106	0.574	ug/L 92

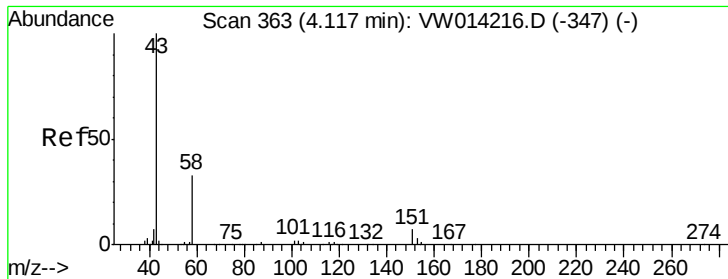
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.489 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014235.D

Acq: 06 Dec 2019 00:58

Instrument :

MSVOA_W

ClientSampled :

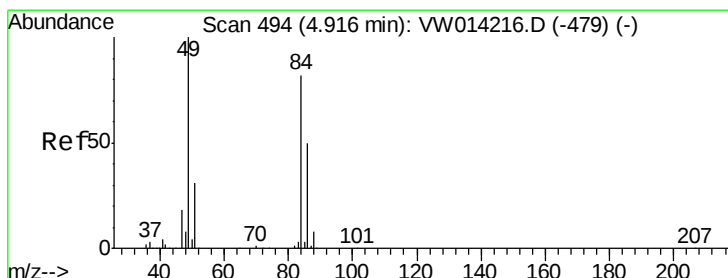
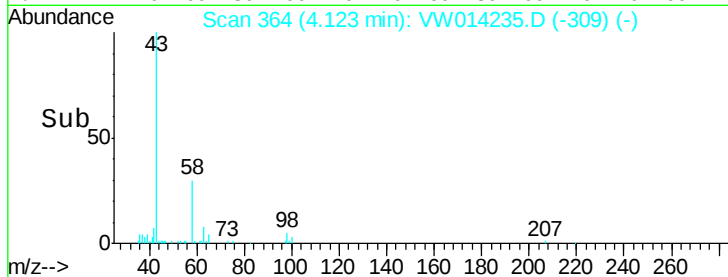
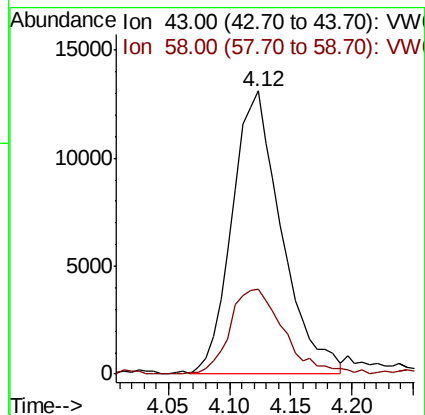
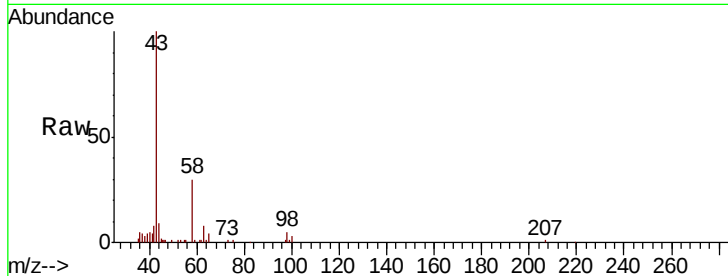
DBBT9

Tot Ion: 43 Resp: 36811

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



#16

Methylene chloride

Concen: 1.573 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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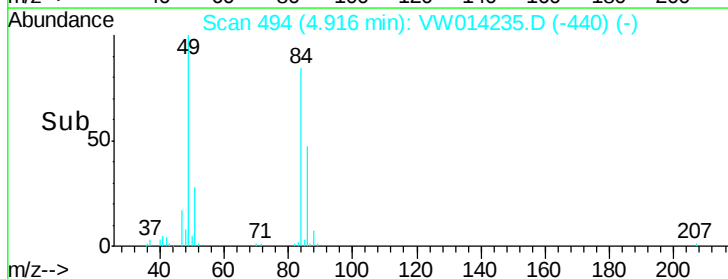
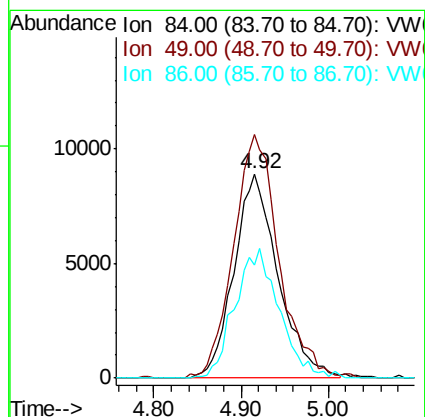
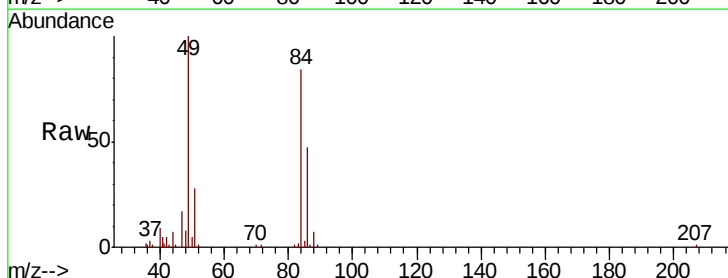
Tgt Ion: 84 Resp: 31149

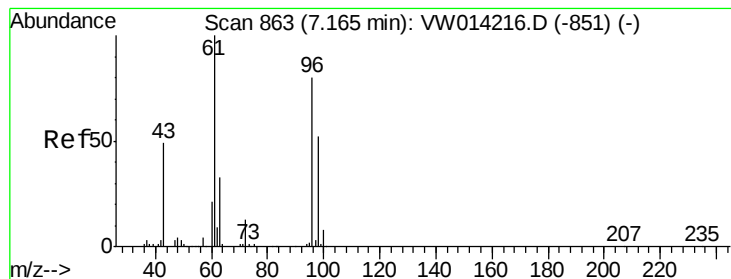
Ion Ratio Lower Upper

84 100

49 119.2 84.2 156.4

86 55.5 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 0.564 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014235.D

Acq: 06 Dec 2019 00:58

Instrument :

MSVOA_W

ClientSampleId :

DBBT9

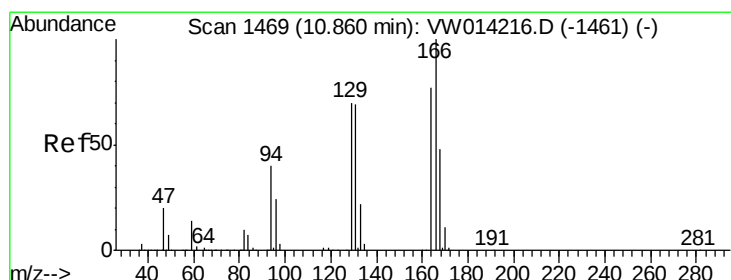
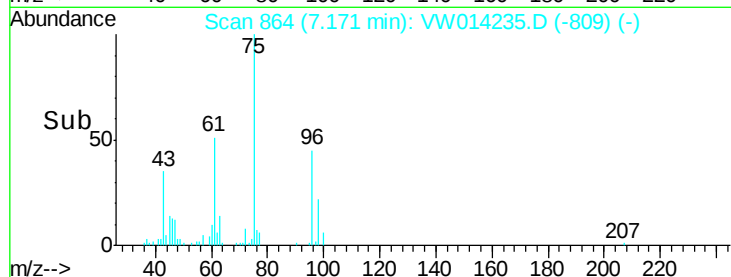
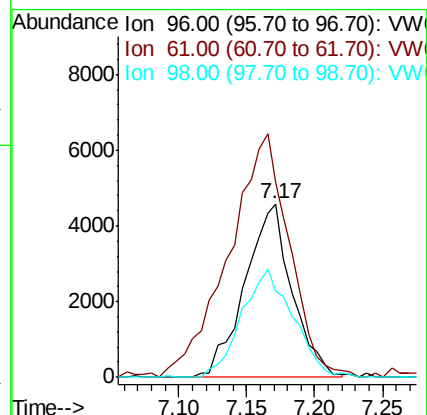
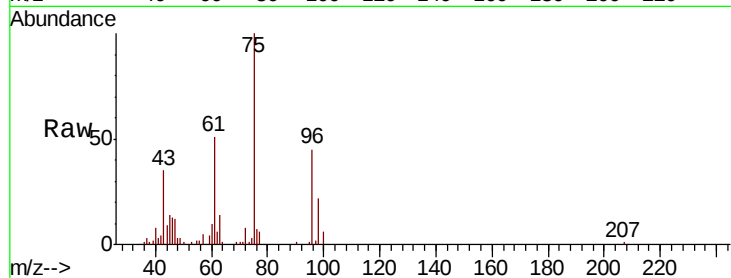
Tot Ion: 96 Resp: 11094

Ion Ratio Lower Upper

96 100

61 112.6 86.9 161.5

98 49.3 45.5 84.5



#47

Tetrachloroethene

Concen: 0.574 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW014235.D

Acq: 06 Dec 2019 00:58

Tgt Ion: 164 Resp: 9106

Ion Ratio Lower Upper

164 100

129 97.6 60.6 112.6

131 88.0 59.1 109.7

166 121.7 90.8 168.6

