

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014228.D
 Acq On : 05 Dec 2019 21:54
 Operator : SY/VA
 Sample : K6149-12
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBS5

Quant Time: Dec 06 07:52:04 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	1197261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1098813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	472511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	480392	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	2.89	69	343289	25.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.88%
10) 1,1-Dichloroethene-d2	4.01	63	629733	19.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.68%
20) 2-Butanone-d5	7.07	46	221815	46.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.90%
24) Chloroform-d	7.65	84	750579	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.30	65	397753	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.27	84	1622404	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.27	67	492922	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.52%
37) Toluene-d8	10.32	98	1458800	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.57	79	192521	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.64%
39) 2-Hexanone-d5	10.92	63	176951	44.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	378078	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	475066	26.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.24%

Target Compounds

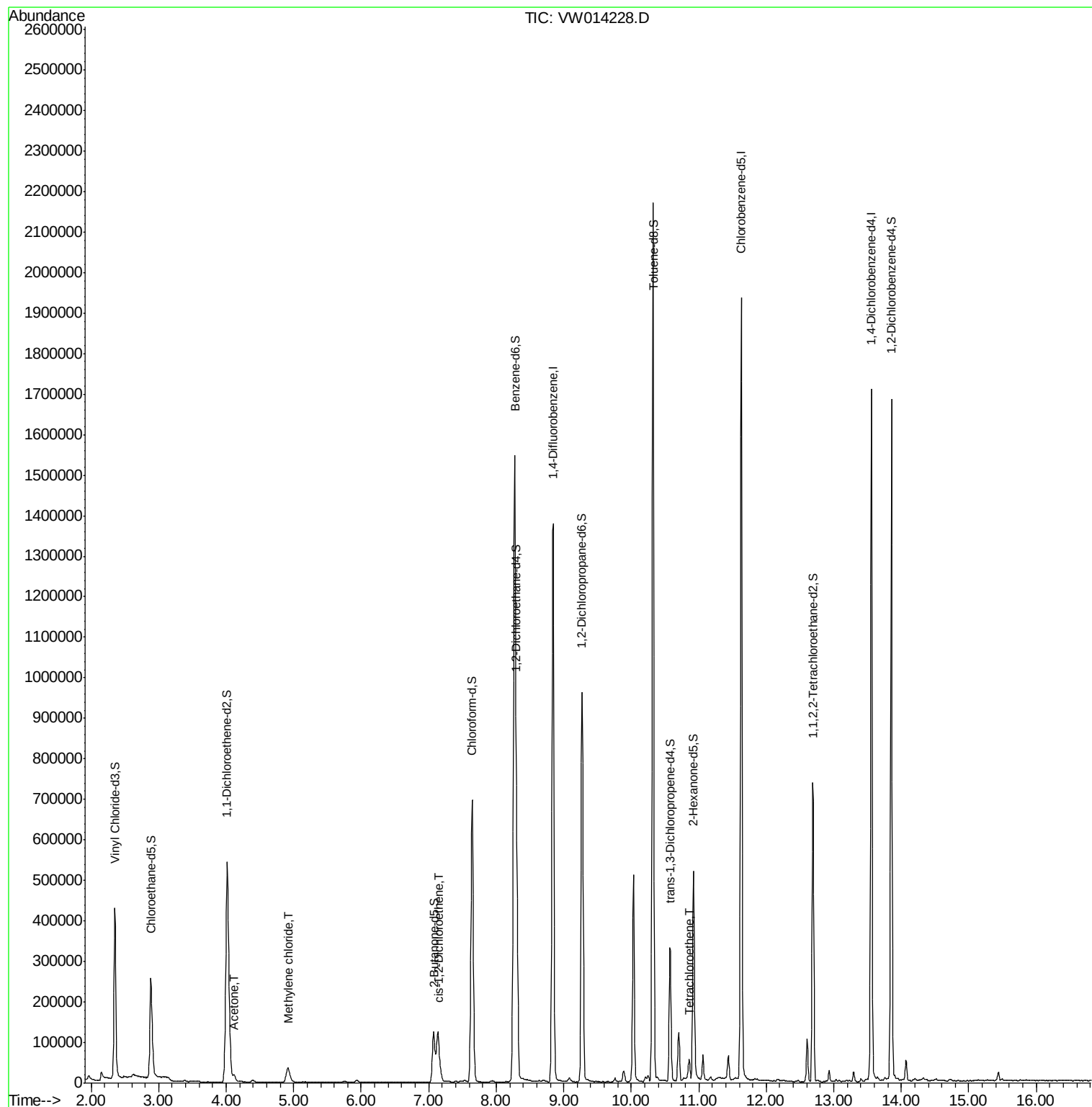
					Ovalue
13) Acetone	4.12	43	26365	5.788 ug/L	97
16) Methylene chloride	4.92	84	33298	1.814 ug/L	91
22) cis-1,2-Dichloroethene	7.16	96	12392	0.680 ug/L	97
47) Tetrachloroethene	10.86	164	11275	0.760 ug/L	95

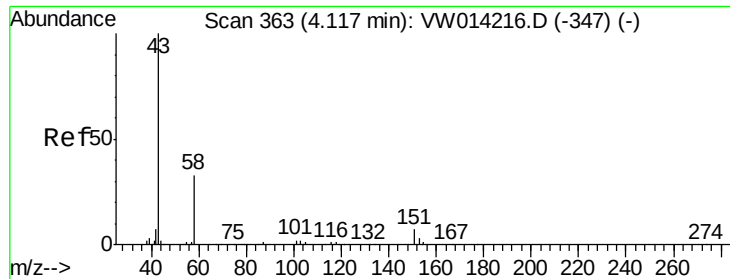
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.788 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014228.D

Acq: 05 Dec 2019 21:54

Instrument :

MSVOA_W

ClientSampled :

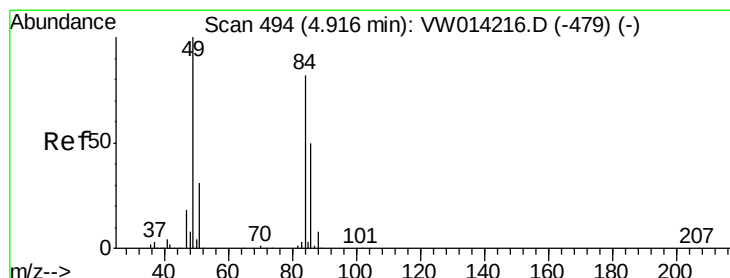
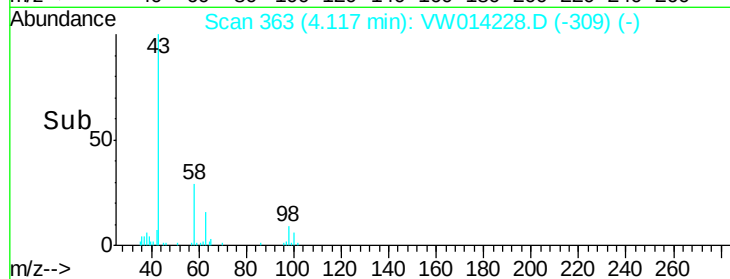
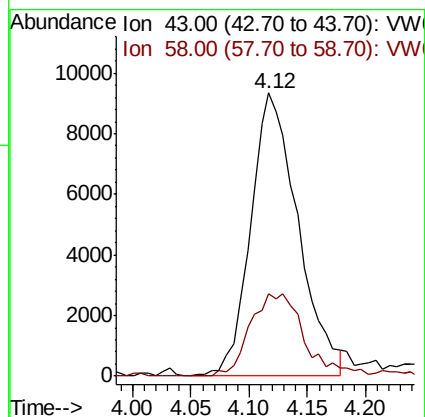
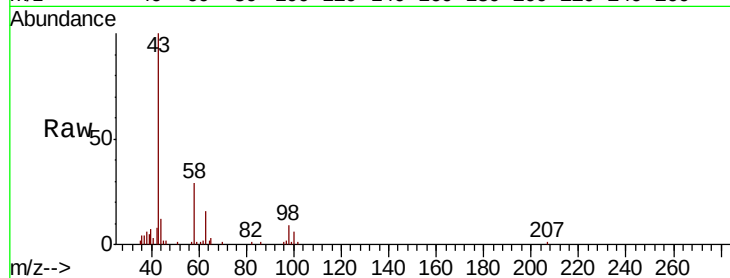
DBBS5

Tot Ion: 43 Resp: 26365

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.4



#16

Methylene chloride

Concen: 1.814 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW014228.D

Acq: 05 Dec 2019 21:54

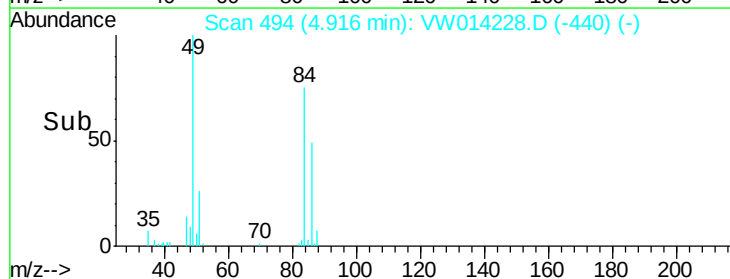
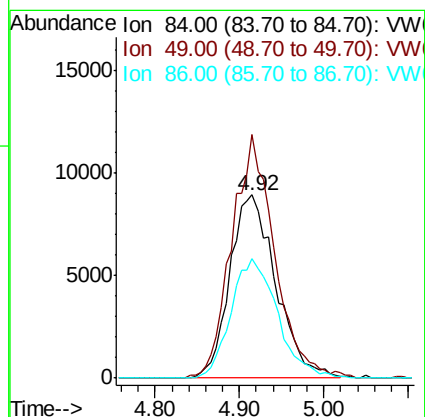
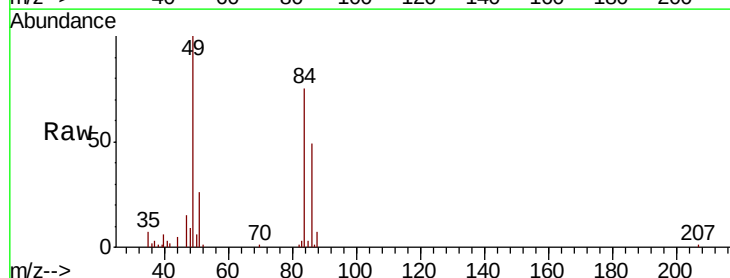
Tgt Ion: 84 Resp: 33298

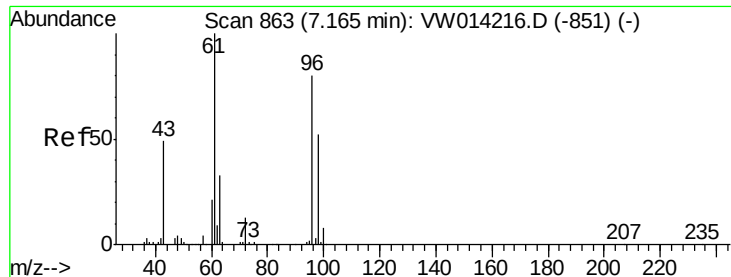
Ion Ratio Lower Upper

84 100

49 132.7 84.2 156.4

86 65.2 43.7 81.1



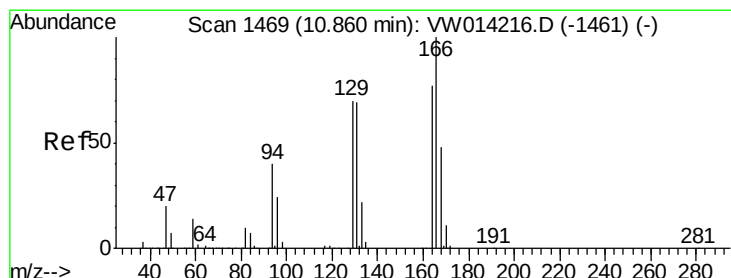
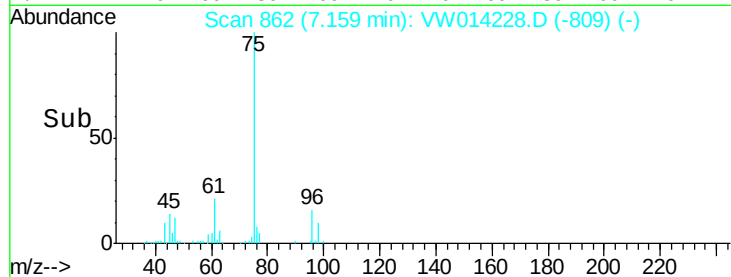
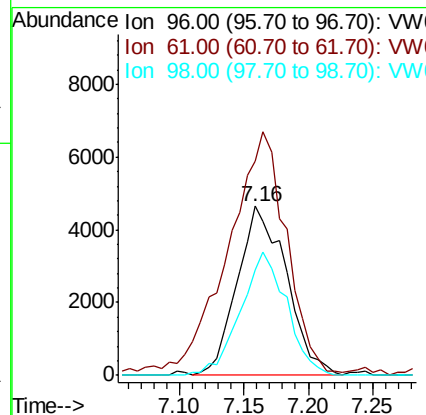
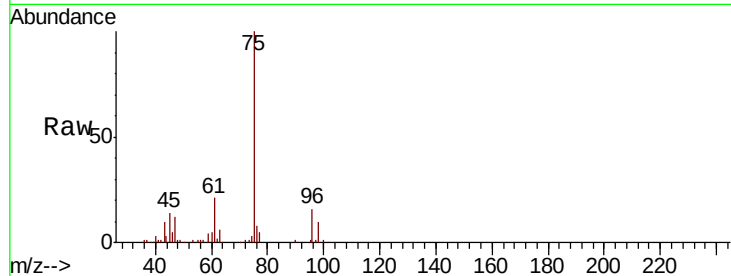


#22

cis-1,2-Dichloroethene
 Concen: 0.680 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
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 DBBS5

Tot Ion: 96 Resp: 12392
 Ion Ratio Lower Upper
 96 100
 61 126.9 86.9 161.5
 98 62.0 45.5 84.5



#47

Tetrachloroethene
 Concen: 0.760 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW014228.D
 Acq: 05 Dec 2019 21:54

Tgt Ion: 164 Resp: 11275
 Ion Ratio Lower Upper
 164 100
 129 96.3 60.6 112.6
 131 87.4 59.1 109.7
 166 127.6 90.8 168.6

