

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014180.D
 Acq On : 29 Nov 2019 14:40
 Operator : SY/VA
 Sample : K6089-09
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:13:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	265901	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129968	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69661	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
7) Chloroethane-d5	2.89	69	73137	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	125808	14.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.80%
20) 2-Butanone-d5	7.07	46	81007	65.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.46%
24) Chloroform-d	7.65	84	215859	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.30	65	119983	29.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.76%
29) Benzene-d6	8.27	84	425923	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	138936	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	381356	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.52%
38) trans-1,3-Dichloropropene-	10.58	79	53518	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.92	63	60989	59.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125713	30.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	137027	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

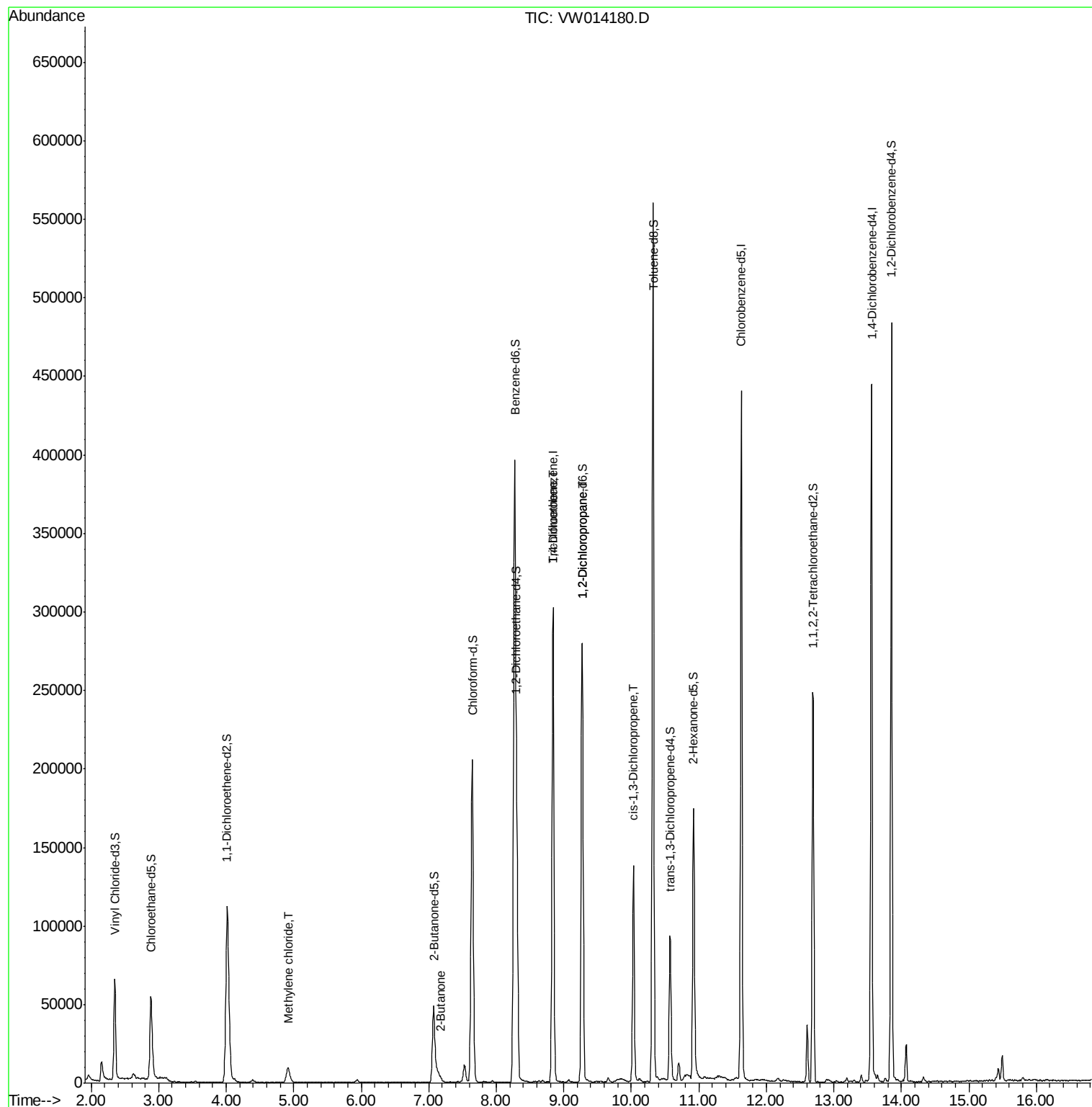
					Ovalue
16) Methylene chloride	4.92	84	8193	1.600 ug/L	93
21) 2-Butanone	7.17	43	3424	2.125 ug/L	91
35) Trichloroethene	8.84	95	7424	1.465 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14034	3.068 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	3147	0.436 ug/L #	68

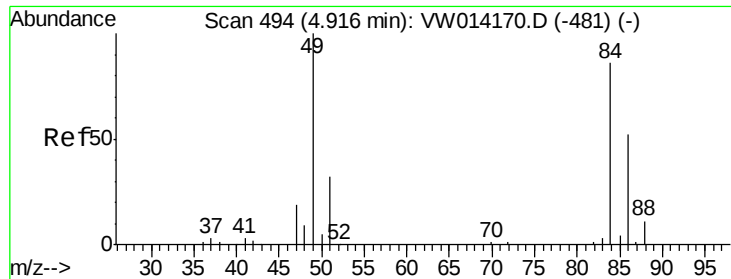
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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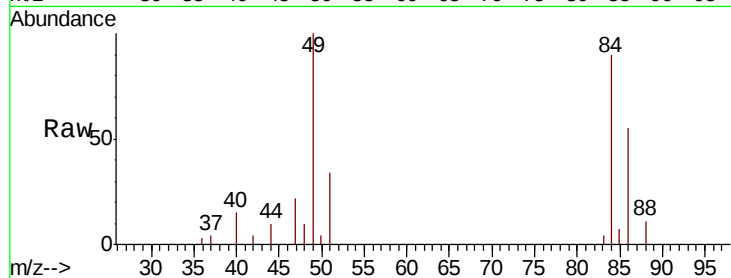




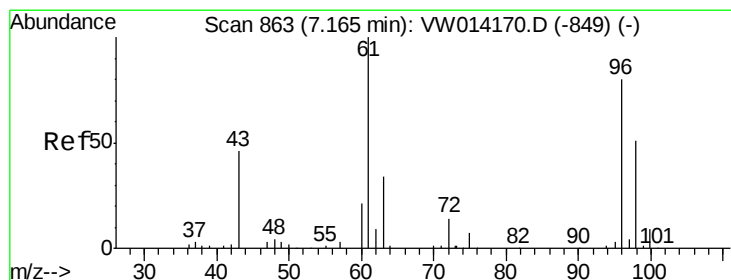
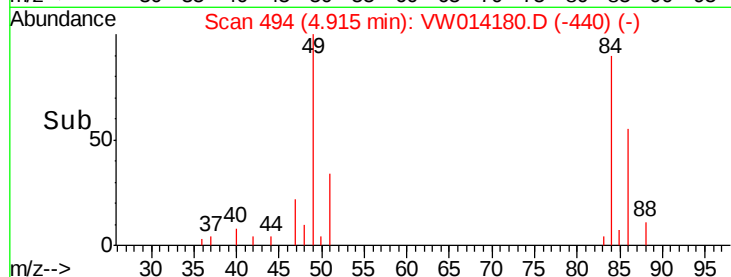
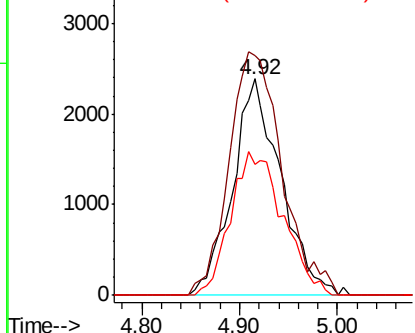
#16
Methylene chloride
Concen: 1.600 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014180.D
Acq: 29 Nov 2019 14:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 8193
Ion Ratio Lower Upper
84 100
49 110.6 84.2 156.4
86 60.5 43.7 81.1

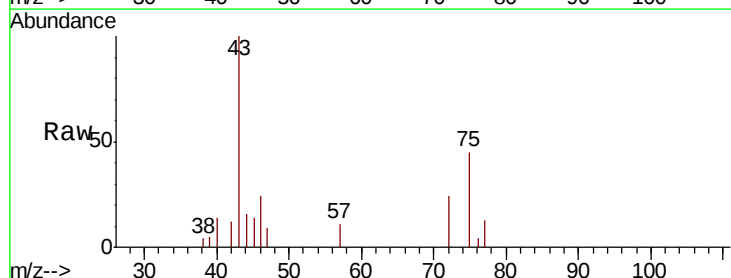


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

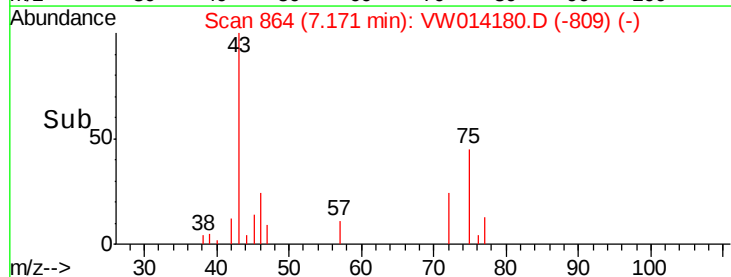
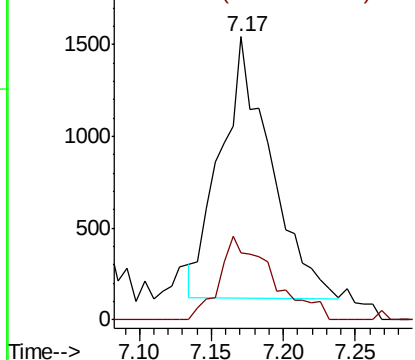


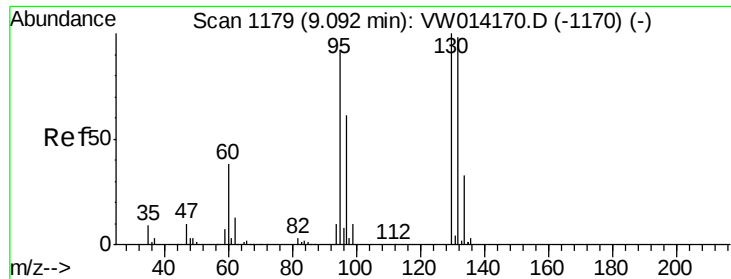
#21
2-Butanone
Concen: 2.125 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014180.D
Acq: 29 Nov 2019 14:40

Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
72 33.0 14.1 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 1.465 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW014180.D

Acq: 29 Nov 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7424

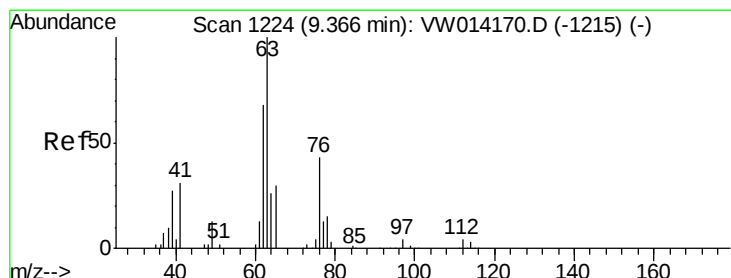
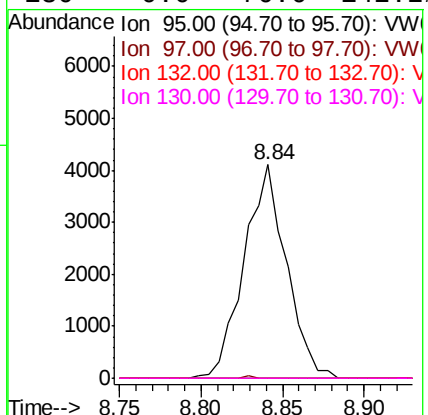
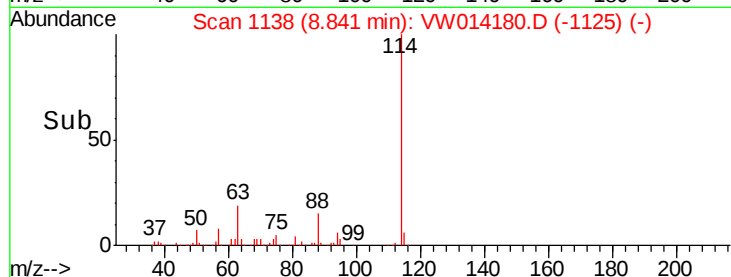
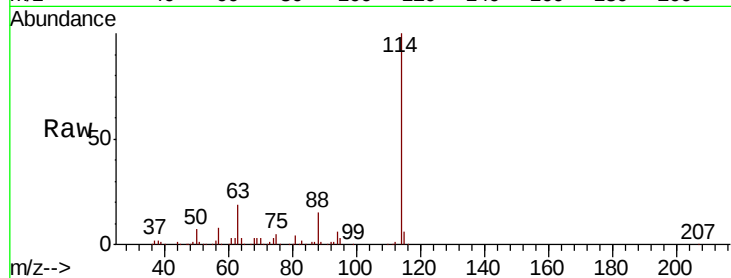
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#



#40

1,2-Dichloropropane

Concen: 3.068 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW014180.D

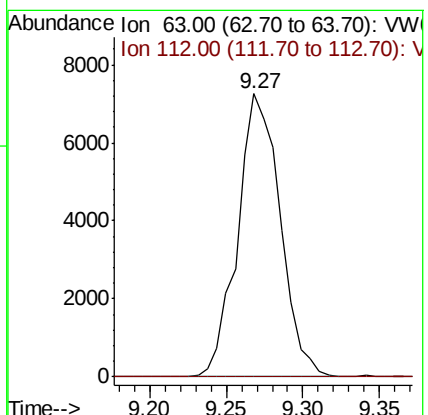
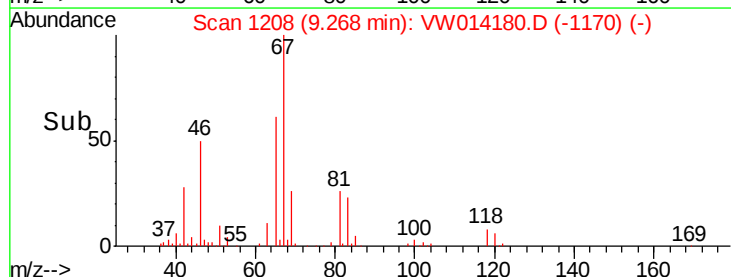
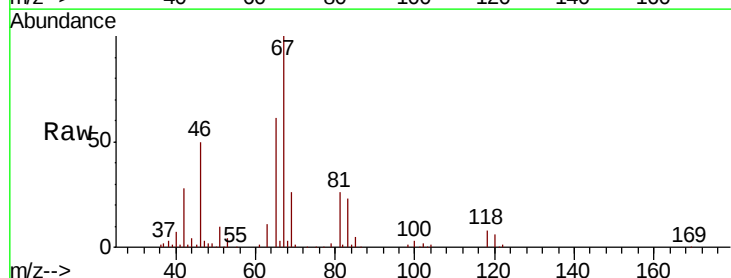
Acq: 29 Nov 2019 14:40

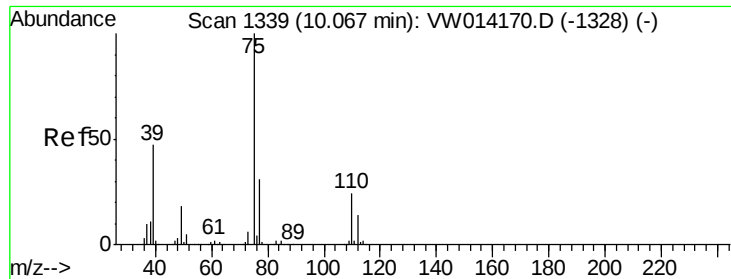
Tgt Ion: 63 Resp: 14034

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.436 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014180.D

Acq: 29 Nov 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3147

Ion Ratio Lower Upper

75 100

77 49.2 22.1 41.1#

