

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005813.D
 Acq On : 03 Oct 2018 14:38
 Operator : SY/AP
 Sample : J5080-17
 Misc : 3.61G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:17:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	226221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215665	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	77051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41732	14.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.88%
7) Chloroethane-d5	2.90	69	37063	16.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.88%
10) 1,1-Dichloroethene-d2	4.01	63	77622	12.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.32%
20) 2-Butanone-d5	7.09	46	34538	37.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.62%
24) Chloroform-d	7.65	84	136166	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	77562	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.28	84	226290	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	9.27	67	66427	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.12%
37) Toluene-d8	10.33	98	201761	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.56%
38) trans-1,3-Dichloropropene-	10.58	79	28982	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	10.93	63	25316	35.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59294	19.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	62159	22.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.20%

Target Compounds

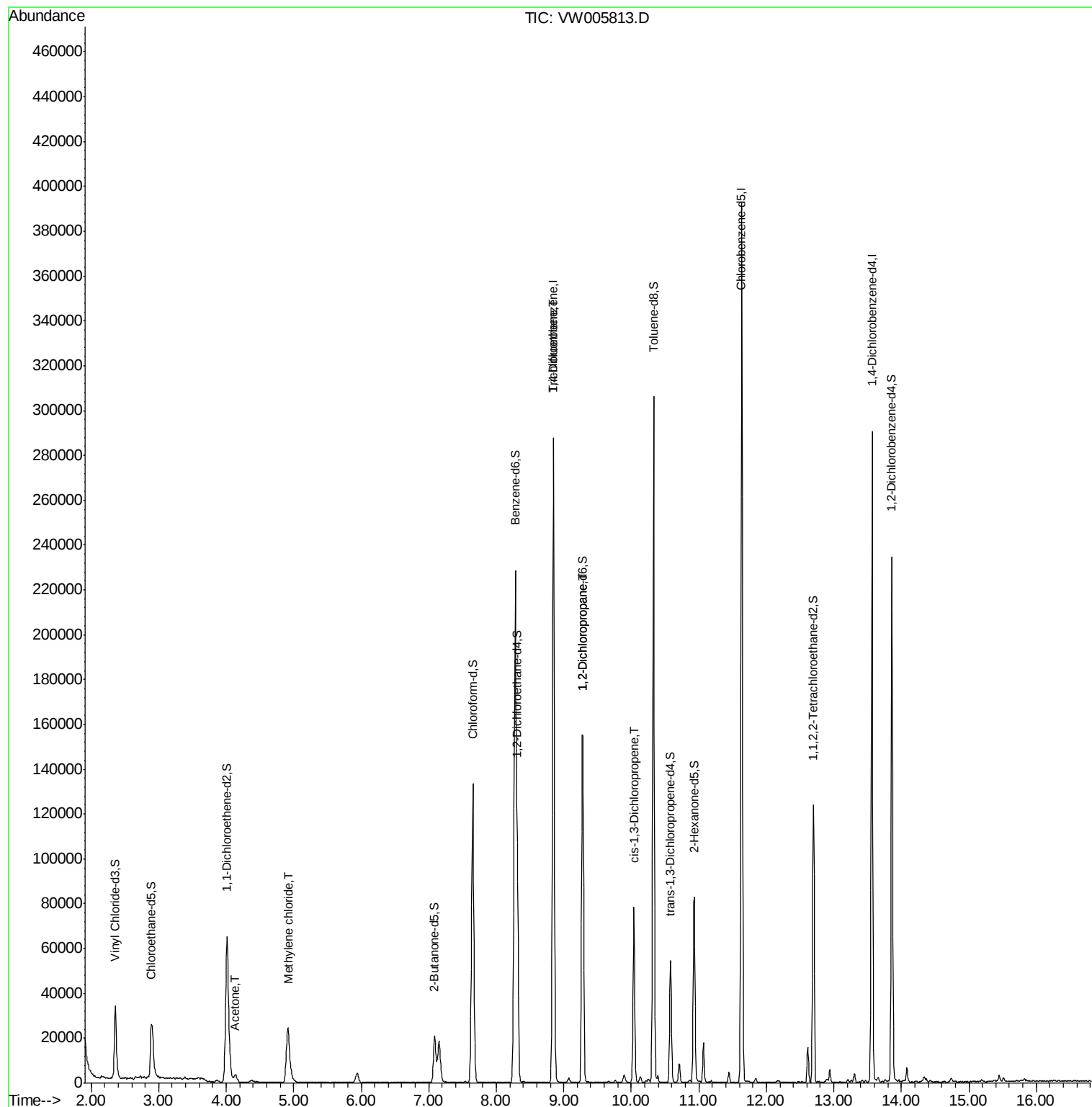
					Ovalue
13) Acetone	4.14	43	5173	5.366 ug/L	81
16) Methylene chloride	4.92	84	22070	5.917 ug/L	98
35) Trichloroethene	8.84	95	7061	2.166 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	8719	2.936 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2250	0.459 ug/L #	45

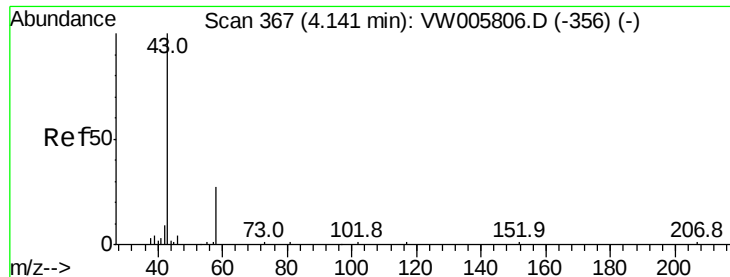
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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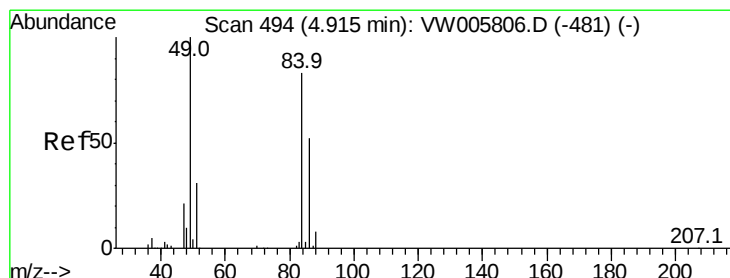
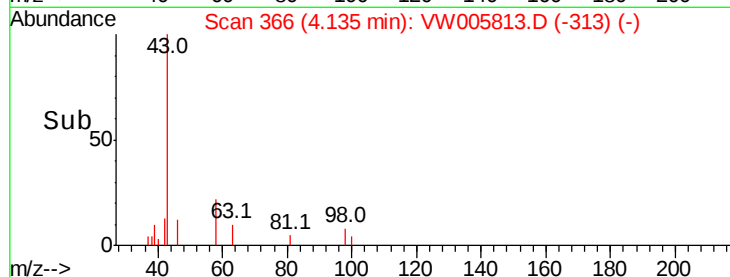
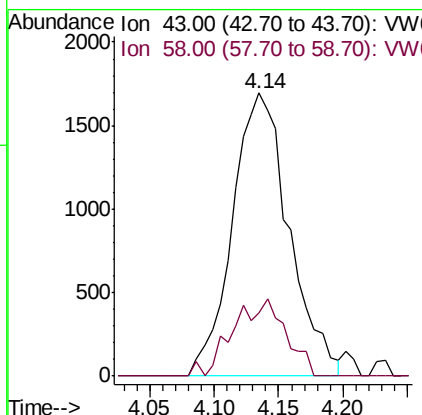
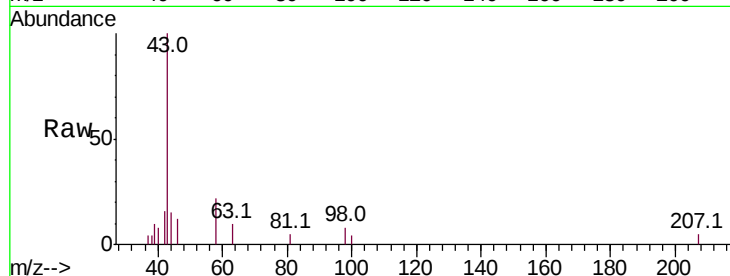




#13
Acetone
Concen: 5.366 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW005813.D
Acq: 03 Oct 2018 14:38

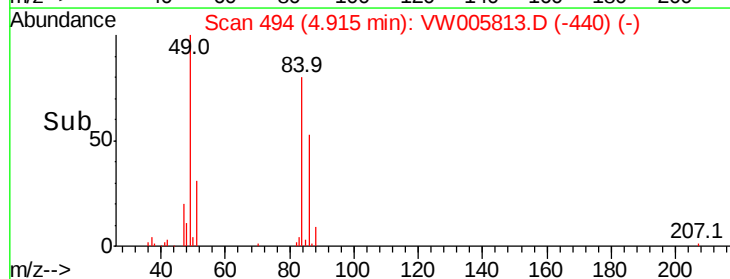
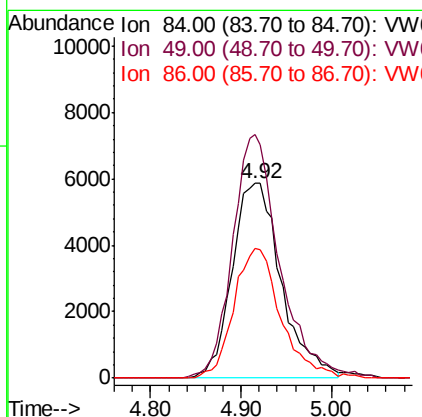
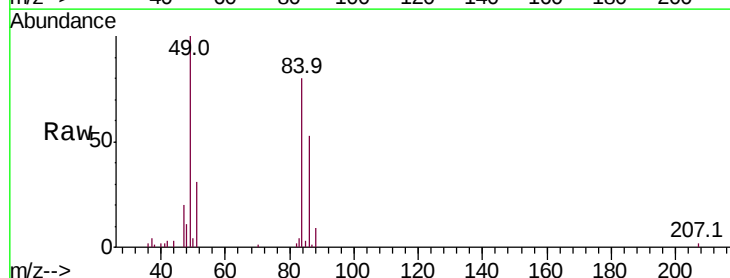
Instrument :
MSVOA_W
ClientSampleId :

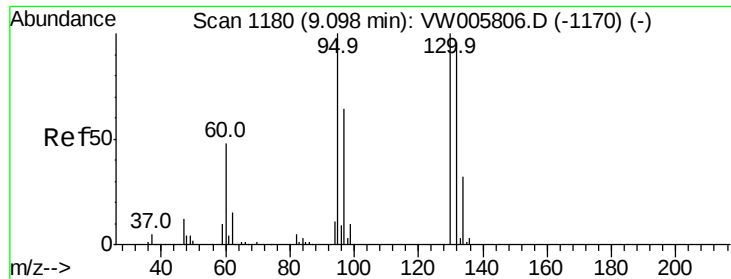
Tot Ion: 43 Resp: 5173
Ion Ratio Lower Upper
43 100
58 7.8 0.0 31.8



#16
Methylene chloride
Concen: 5.917 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005813.D
Acq: 03 Oct 2018 14:38

Tgt Ion: 84 Resp: 22070
Ion Ratio Lower Upper
84 100
49 125.1 87.2 162.0
86 66.4 43.2 80.2





#35

Trichloroethene

Concen: 2.166 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW005813.D

Acq: 03 Oct 2018 14:38

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 7061

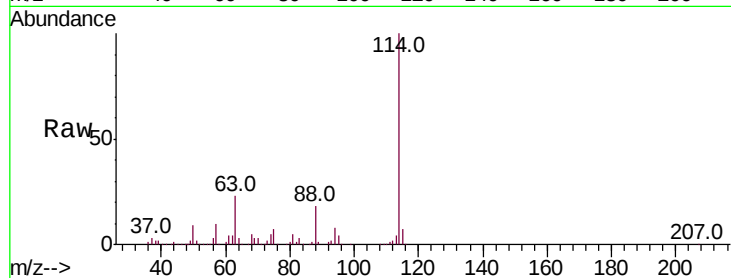
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

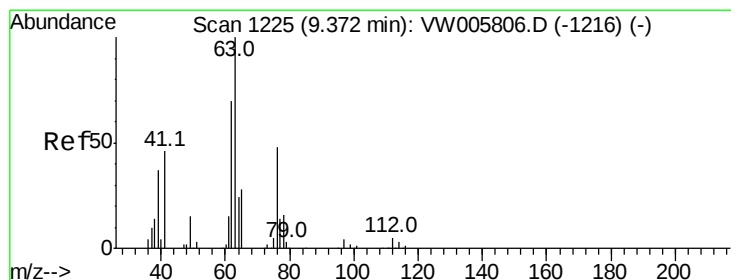
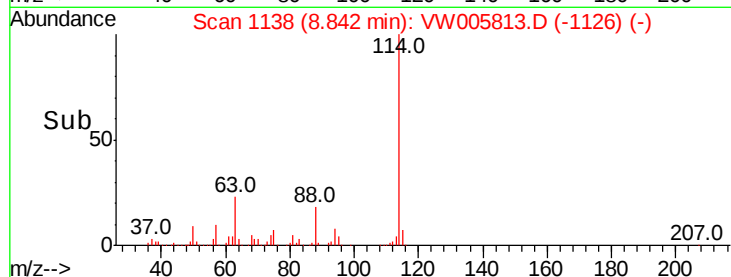
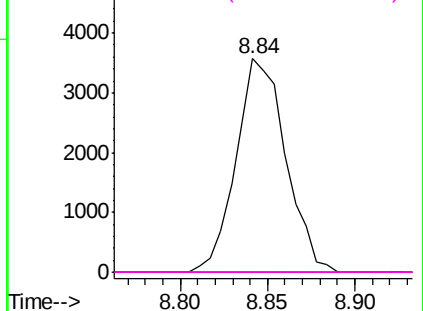


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.936 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW005813.D

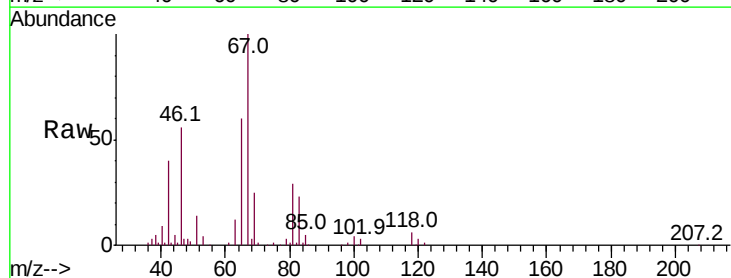
Acq: 03 Oct 2018 14:38

Tgt Ion: 63 Resp: 8719

Ion Ratio Lower Upper

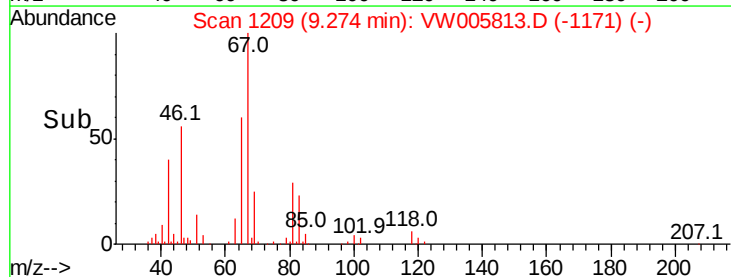
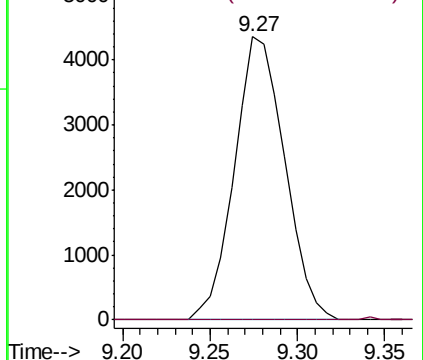
63 100

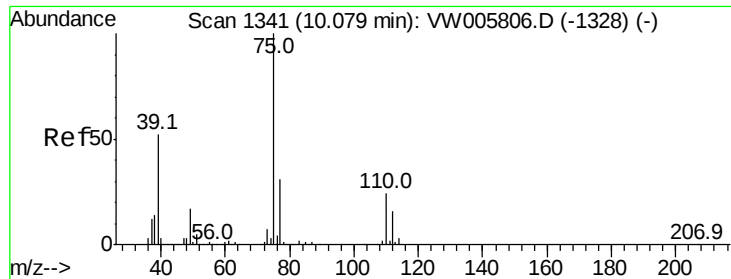
112 0.4 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW005813.D
 Acq: 03 Oct 2018 14:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2250
 Ion Ratio Lower Upper
 75 100
 77 62.2 22.3 41.3#

