

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005772.D
 Acq On : 02 Oct 2018 13:19
 Operator : SY/AP
 Sample : J5181-15
 Misc : 3.38G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:10:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	213426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	96089	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	43298	15.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.64%
7) Chloroethane-d5	2.90	69	37654	17.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.96%
10) 1,1-Dichloroethene-d2	4.01	63	79560	13.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.56%
20) 2-Butanone-d5	7.09	46	40040	45.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.68%
24) Chloroform-d	7.65	84	129762	23.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	8.31	65	81237	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.84%
29) Benzene-d6	8.28	84	222929	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	9.28	67	71822	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.20%
37) Toluene-d8	10.33	98	201816	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	32195	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	10.93	63	29233	40.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69713	23.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	84277	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

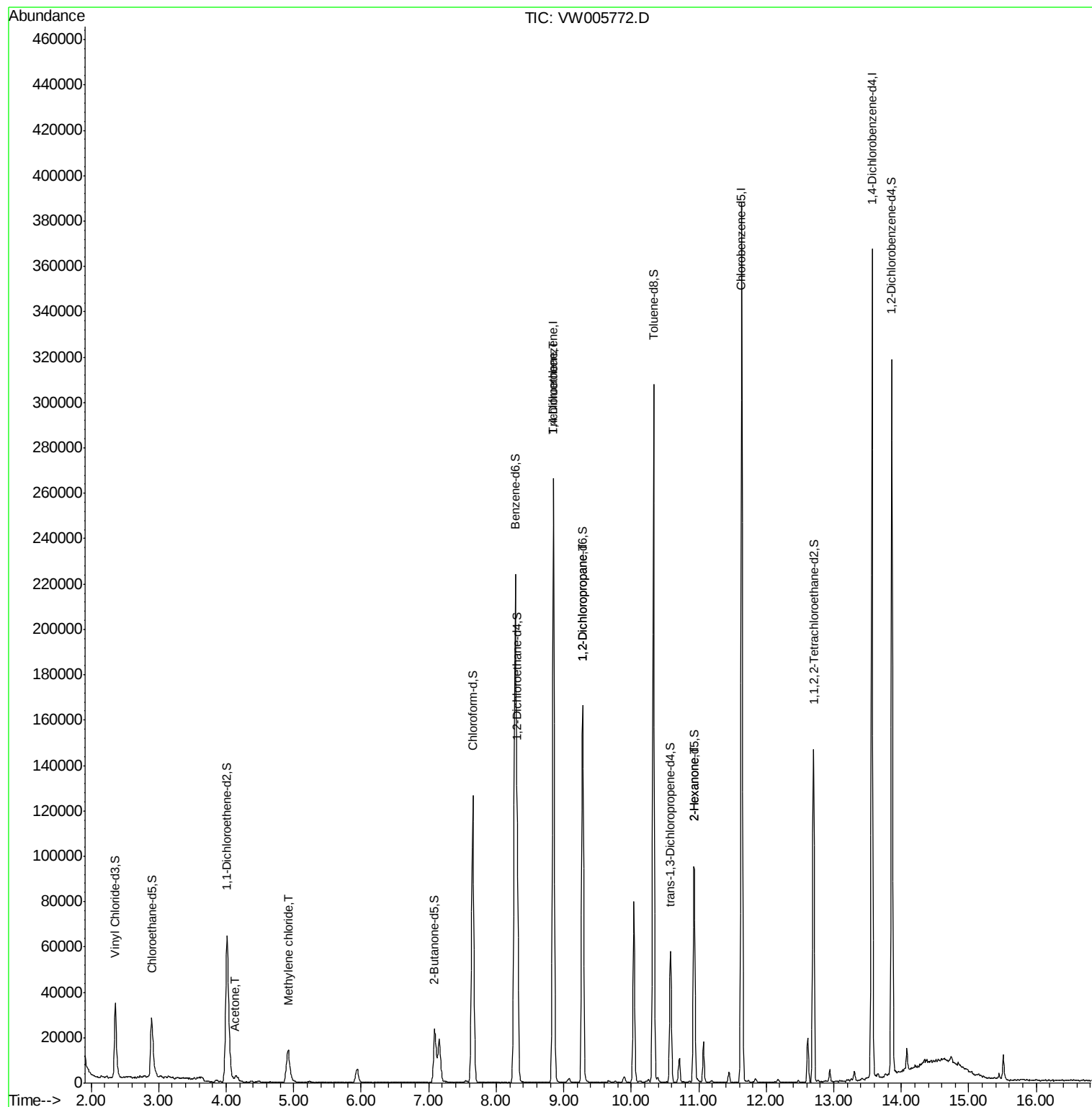
					Ovalue
13) Acetone	4.14	43	2552	2.806 ug/L	92
16) Methylene chloride	4.92	84	12136	3.449 ug/L	92
35) Trichloroethene	8.84	95	6910	2.145 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	8808	3.001 ug/L #	87
49) 2-Hexanone	10.93	43	4894	2.911 ug/L #	71

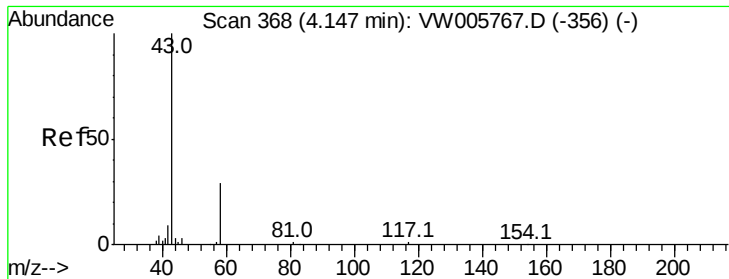
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.806 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005772.D

Acq: 02 Oct 2018 13:19

Instrument :

MSVOA_W

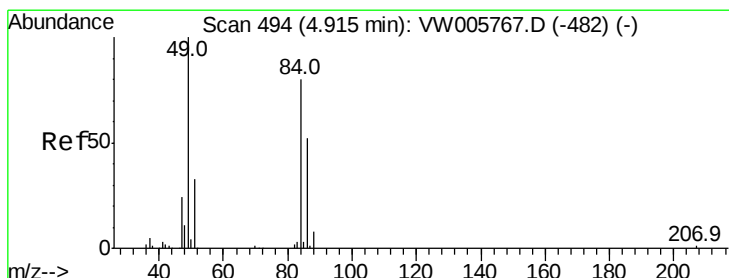
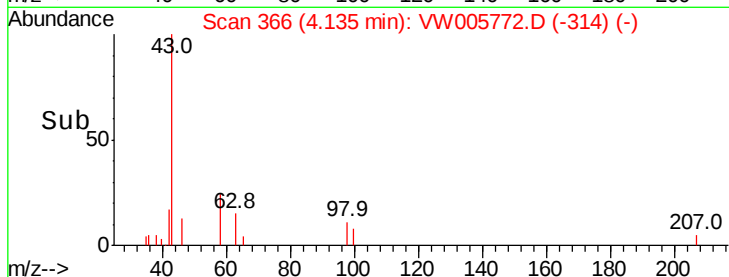
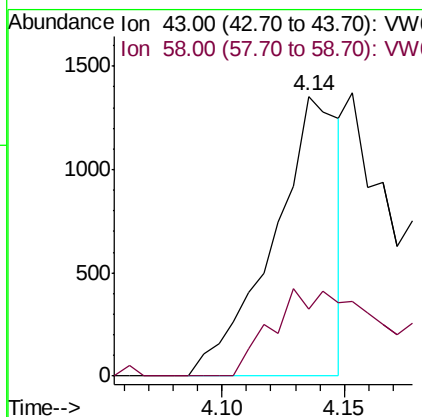
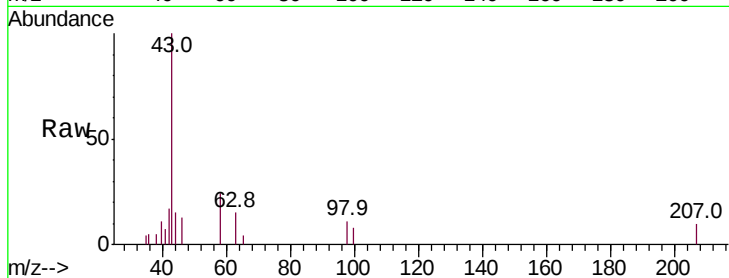
ClientSampled :

Tot Ion: 43 Resp: 2552

Ion Ratio Lower Upper

43 100

58 19.2 0.0 31.8



#16

Methylene chloride

Concen: 3.449 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005772.D

Acq: 02 Oct 2018 13:19

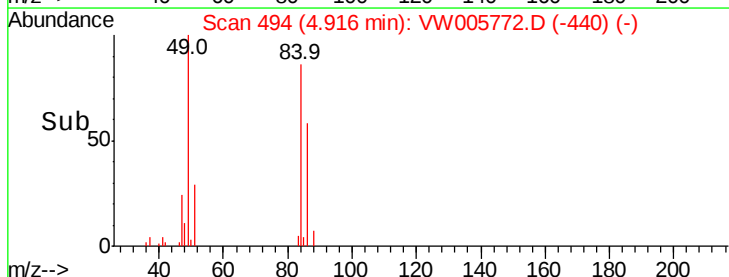
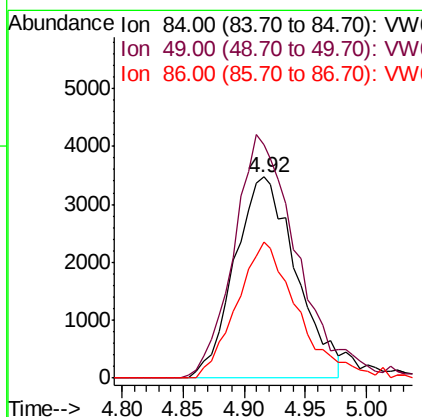
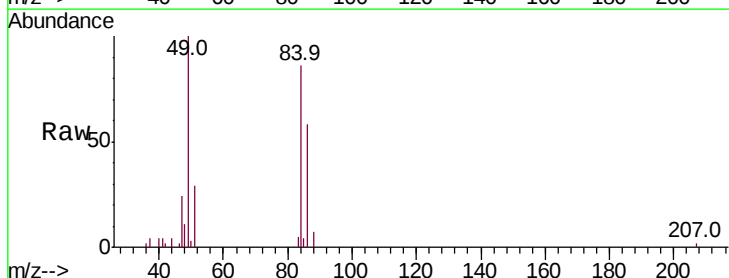
Tgt Ion: 84 Resp: 12136

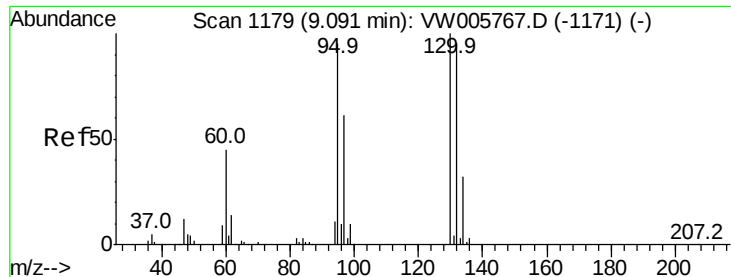
Ion Ratio Lower Upper

84 100

49 116.0 87.2 162.0

86 67.5 43.2 80.2





#35

Trichloroethene

Concen: 2.145 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005772.D

Acq: 02 Oct 2018 13:19

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 6910

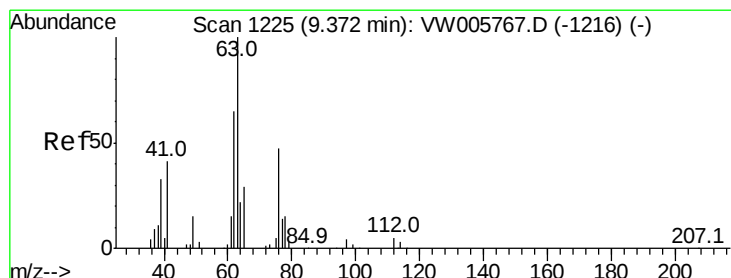
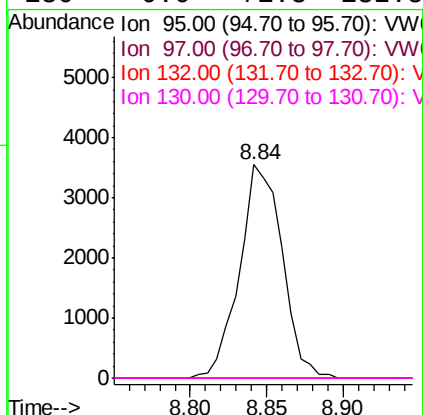
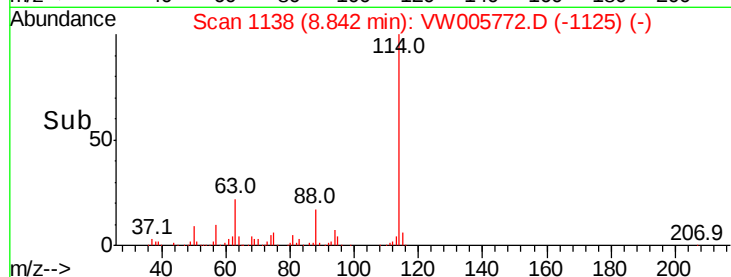
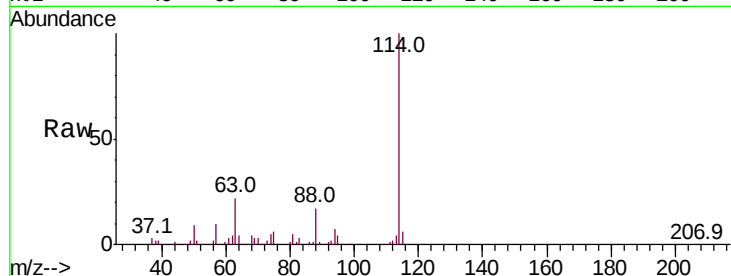
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 3.001 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005772.D

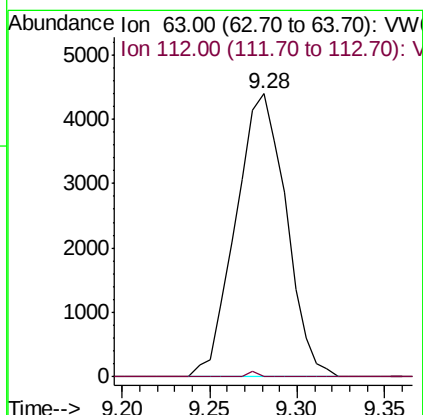
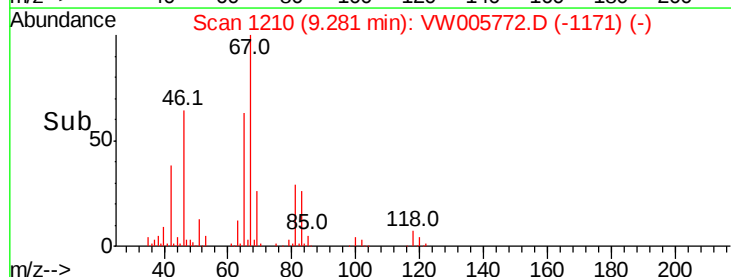
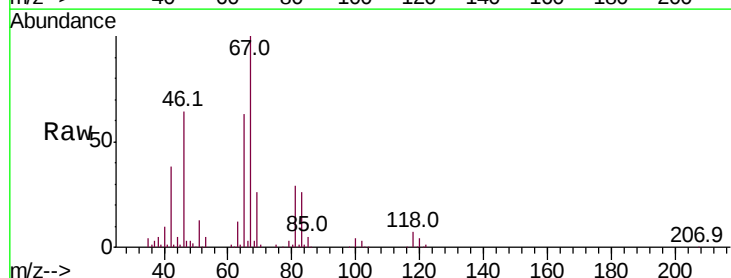
Acq: 02 Oct 2018 13:19

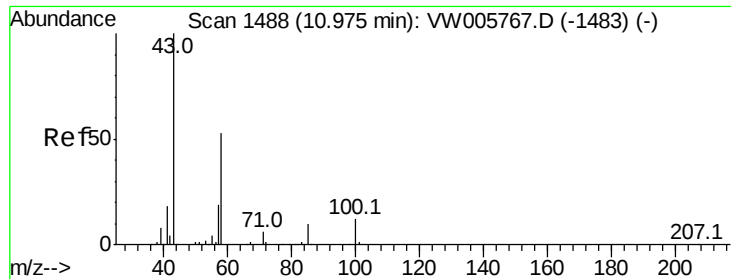
Tgt Ion: 63 Resp: 8808

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#49
 2-Hexanone
 Concen: 2.911 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.05 min
 Lab File: VW005772.D
 Acq: 02 Oct 2018 13:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 43 Resp: 4894
 Ion Ratio Lower Upper
 43 100
 58 29.0 42.0 63.0#
 57 29.2 15.7 23.5#
 100 2.6 9.7 14.5#

