

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005798.D
 Acq On : 03 Oct 2018 02:02
 Operator : SY/AP
 Sample : J5182-11
 Misc : 5.23G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC60

Quant Time: Oct 03 08:12:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	175401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168318	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	61263	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33909	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.64%
7) Chloroethane-d5	2.90	69	30466	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
10) 1,1-Dichloroethene-d2	4.01	63	61363	12.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.28%
20) 2-Butanone-d5	7.09	46	37576	52.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.70%
24) Chloroform-d	7.65	84	110096	24.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.72%
26) 1,2-Dichloroethane-d4	8.31	65	74746	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.56%
29) Benzene-d6	8.27	84	179993	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	9.28	67	61050	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.33	98	157558	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.60%
38) trans-1,3-Dichloropropene-	10.59	79	25926	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.00%
39) 2-Hexanone-d5	10.93	63	27717	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	66649	28.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	55319	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds

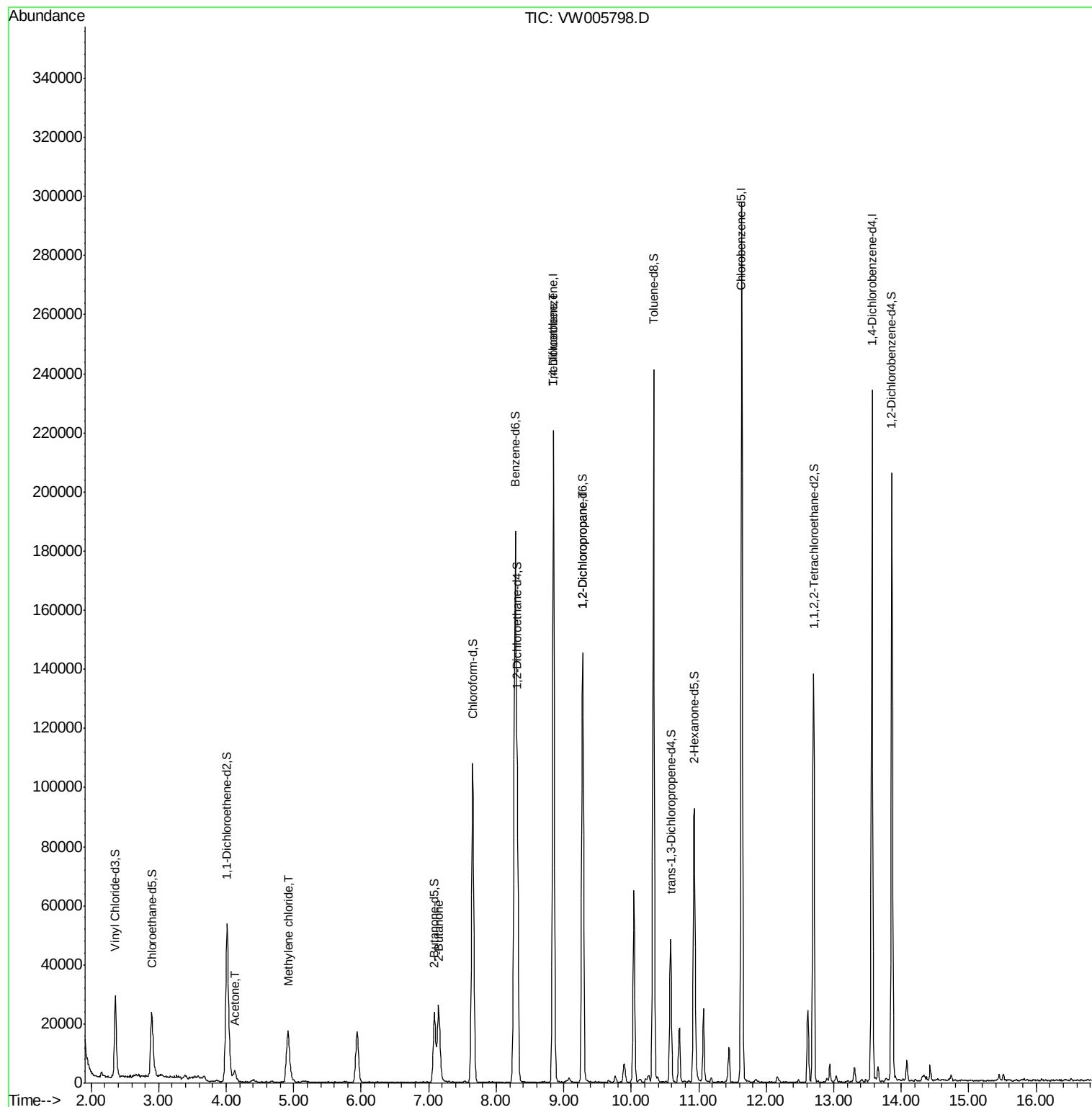
					Qvalue
13) Acetone	4.12	43	5947	7.956 ug/L	98
16) Methylene chloride	4.92	84	14243	4.925 ug/L	90
21) 2-Butanone	7.16	43	3906	4.363 ug/L #	54
35) Trichloroethene	8.85	95	5286	2.078 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	7475	3.225 ug/L #	87

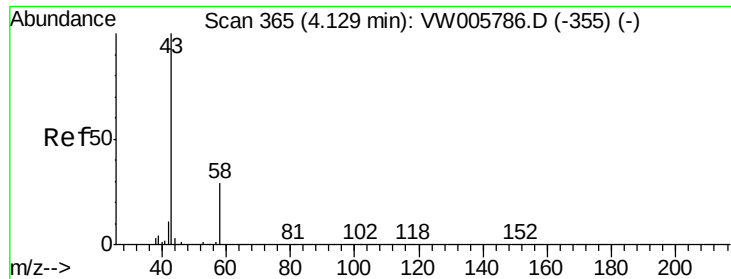
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.956 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005798.D

Acq: 03 Oct 2018 02:02

Instrument :

MSVOA_W

ClientSampleId :

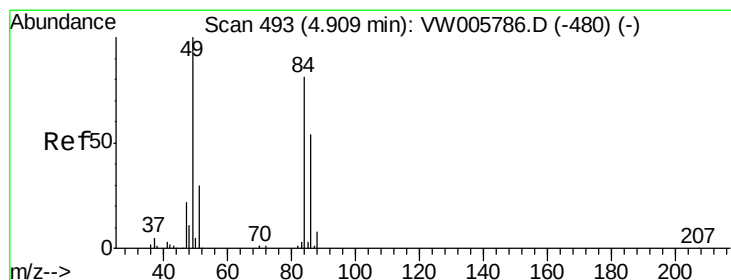
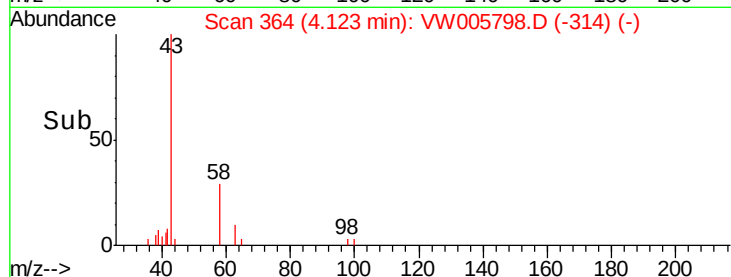
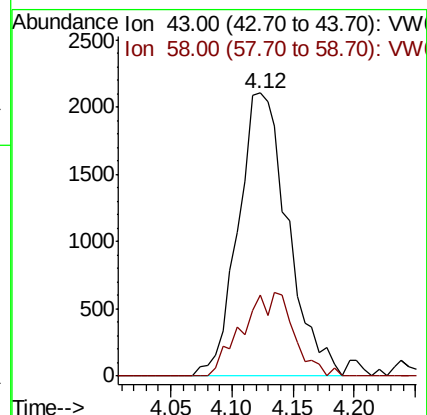
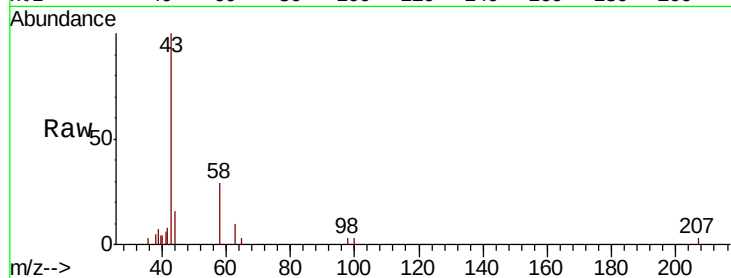
JLC60

Tgt Ion: 43 Resp: 5947

Ion Ratio Lower Upper

43 100

58 16.6 0.0 31.8



#16

Methylene chloride

Concen: 4.925 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005798.D

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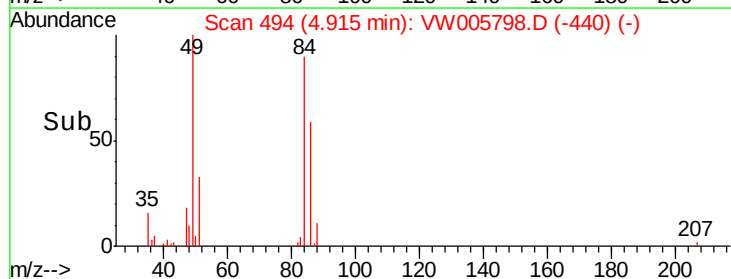
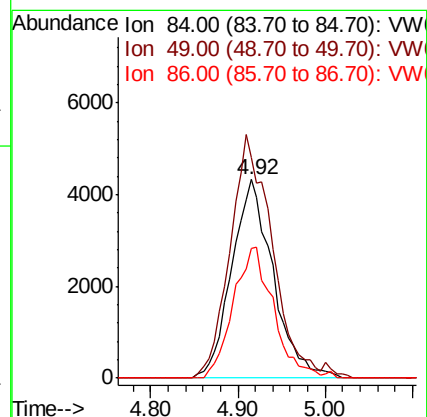
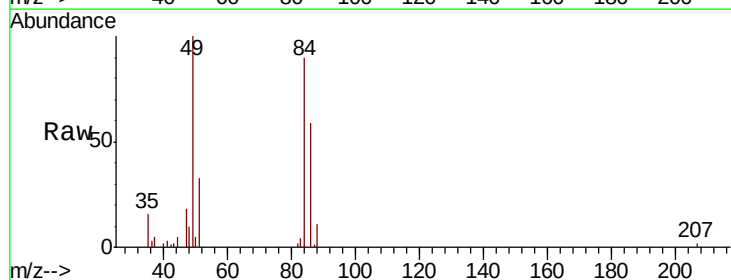
Tgt Ion: 84 Resp: 14243

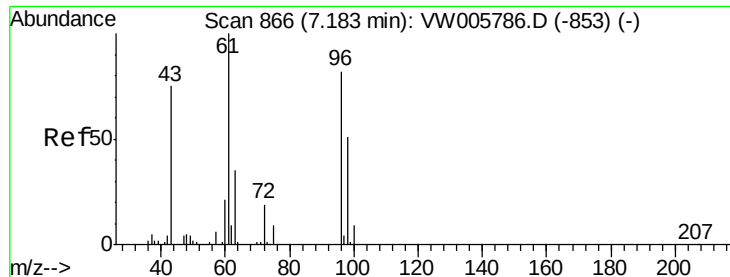
Ion Ratio Lower Upper

84 100

49 110.8 87.2 162.0

86 65.2 43.2 80.2





#21

2-Butanone

Concen: 4.363 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005798.D

Acq: 03 Oct 2018 02:02

Instrument :

MSVOA_W

ClientSampled :

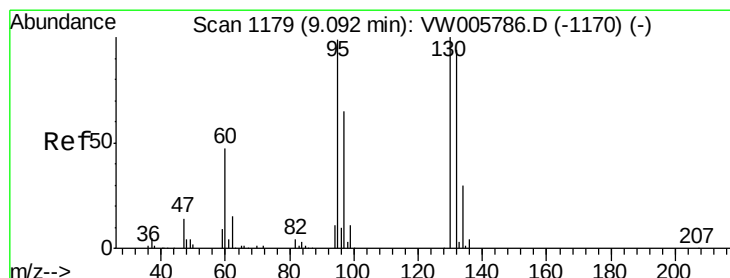
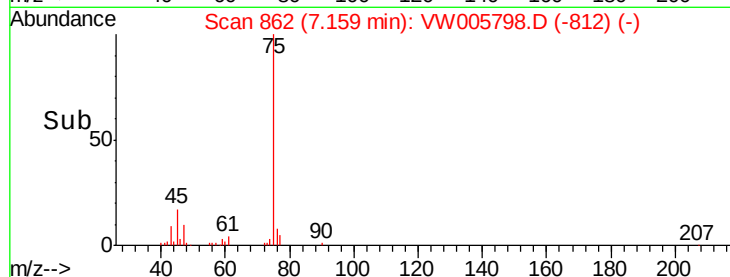
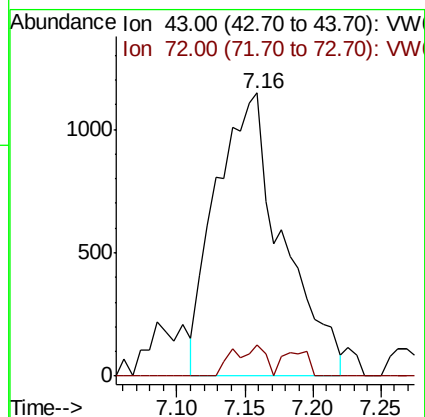
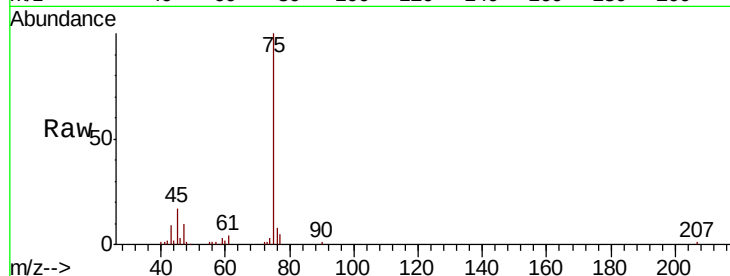
JLC60

Tgt Ion: 43 Resp: 3906

Ion Ratio Lower Upper

43 100

72 2.9 13.2 39.6#



#35

Trichloroethene

Concen: 2.078 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005798.D

Acq: 03 Oct 2018 02:02

Tgt Ion: 95 Resp: 5286

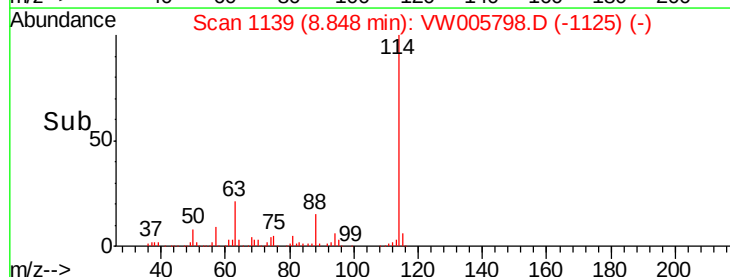
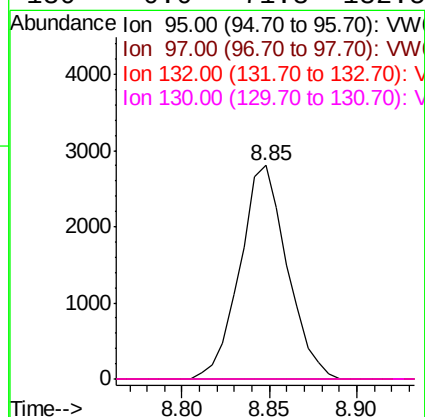
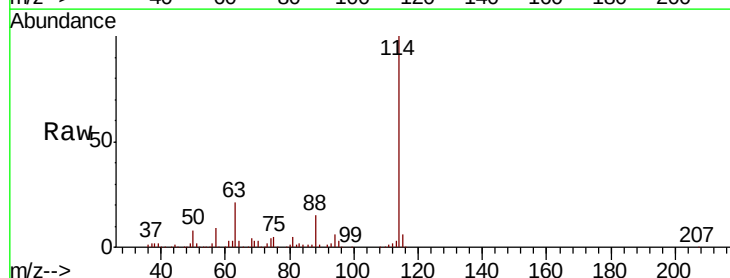
Ion Ratio Lower Upper

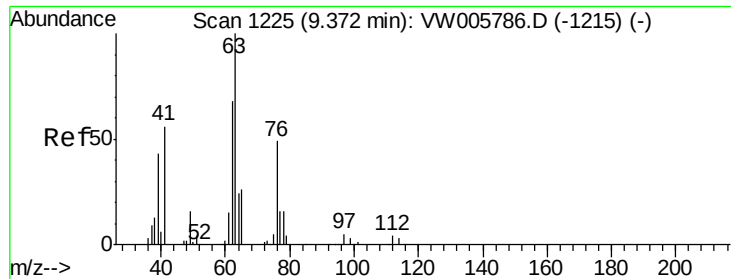
95 100

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: 3.225 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW005798.D
 Acq: 03 Oct 2018 02:02

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC60

Tgt Ion: 63 Resp: 7475
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

