

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009957.D
 Acq On : 12 Apr 2019 14:32
 Operator : SY/VA
 Sample : K2278-16
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 13 00:00:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:54:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	584957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561538	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116973	15.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.12%
7) Chloroethane-d5	2.90	69	113479	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.72%
10) 1,1-Dichloroethene-d2	4.02	63	233998	14.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.84%
20) 2-Butanone-d5	7.08	46	118993	47.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.76%
24) Chloroform-d	7.64	84	362948	22.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	8.31	65	225060	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.88%
29) Benzene-d6	8.27	84	643587	21.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.32%
33) 1,2-Dichloropropane-d6	9.27	67	213319	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.32	98	550854	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	86246	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.93	63	82512	48.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188457	22.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	213167	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

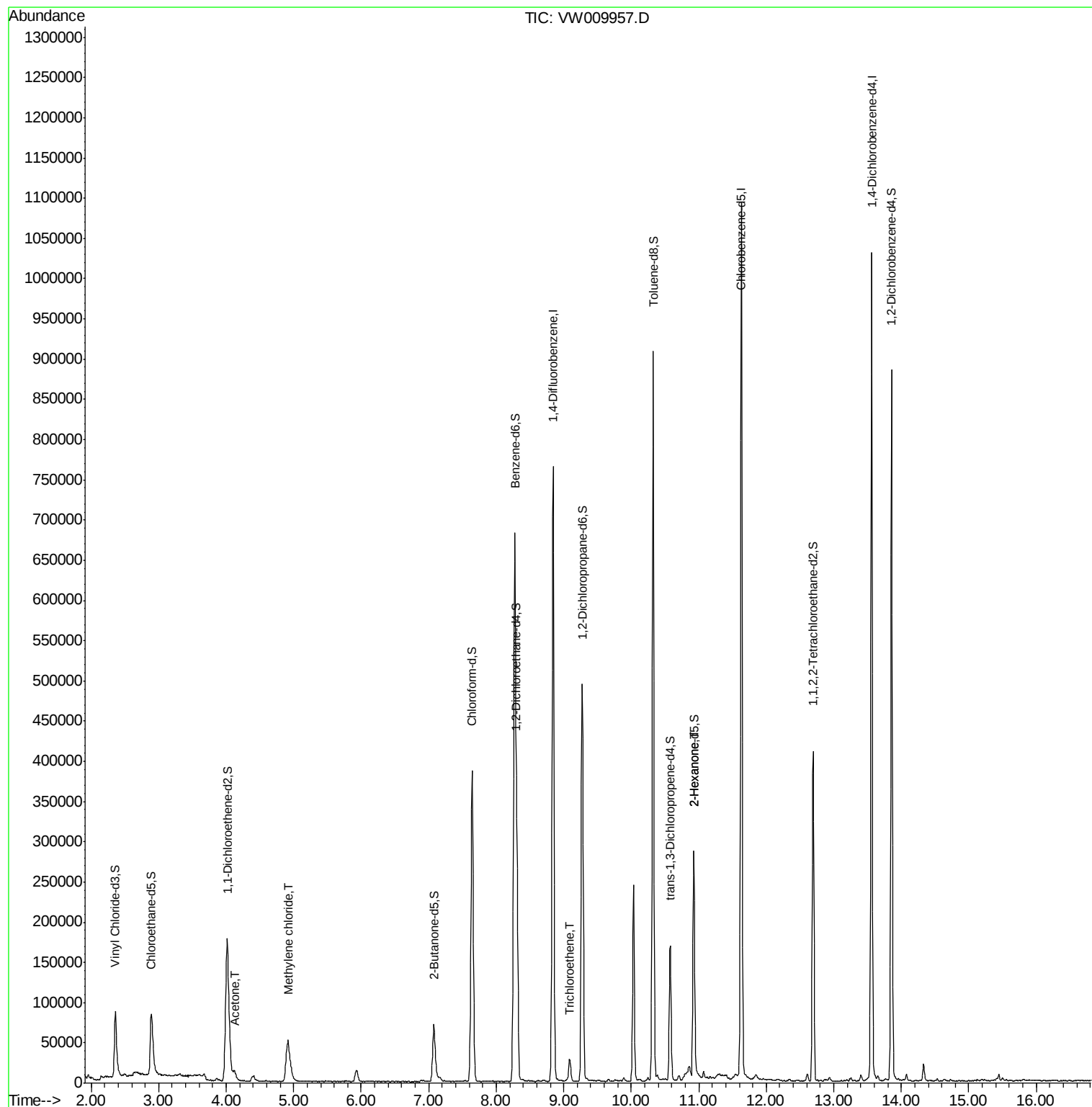
					Ovalue
13) Acetone	4.13	43	16654	6.254 ug/L	94
16) Methylene chloride	4.92	84	41887	4.060 ug/L	94
35) Trichloroethene	9.09	95	8851	1.001 ug/L	99
49) 2-Hexanone	10.93	43	12885	2.576 ug/L #	70

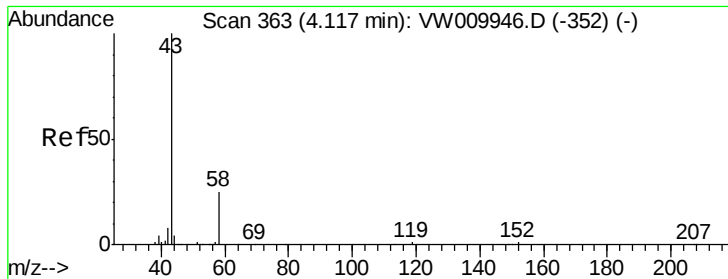
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 23:54:39 2019
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#13

Acetone

Concen: 6.254 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009957.D

Acq: 12 Apr 2019 14:32

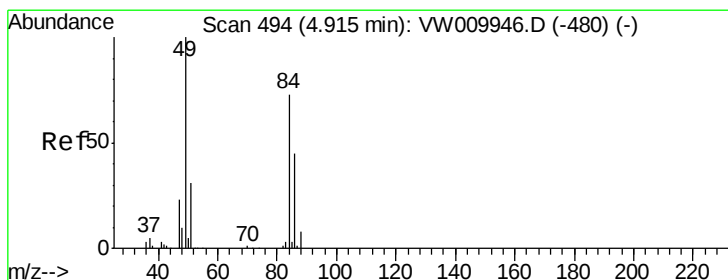
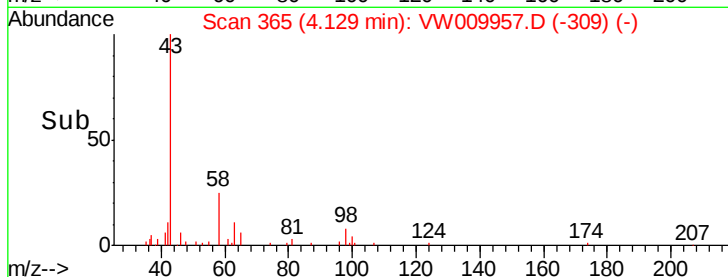
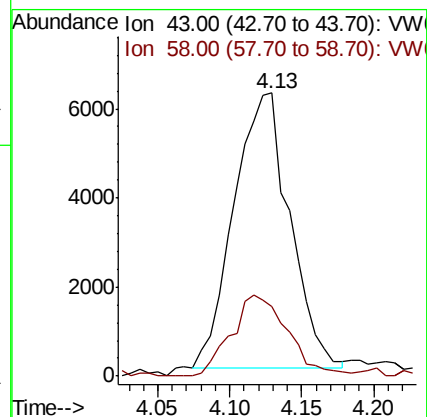
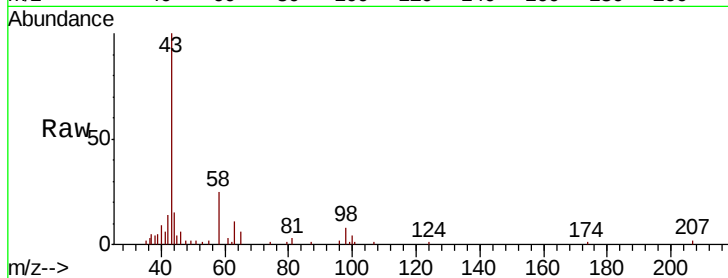
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 16654

Ion Ratio Lower Upper

43 100

58 29.7 0.0 53.0



#16

Methylene chloride

Concen: 4.060 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009957.D

Acq: 12 Apr 2019 14:32

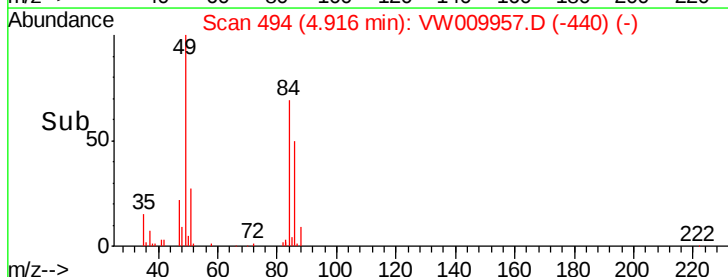
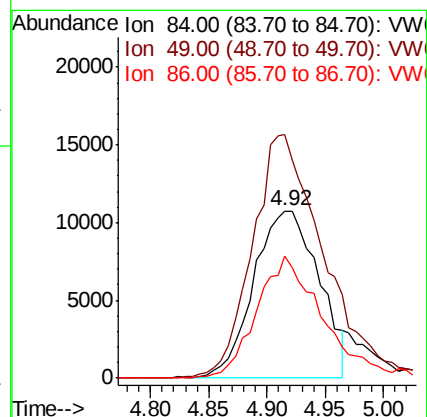
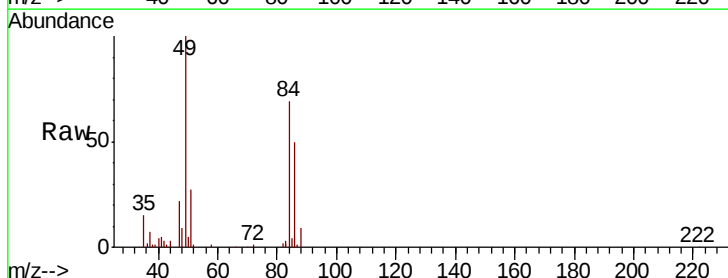
Tgt Ion: 84 Resp: 41887

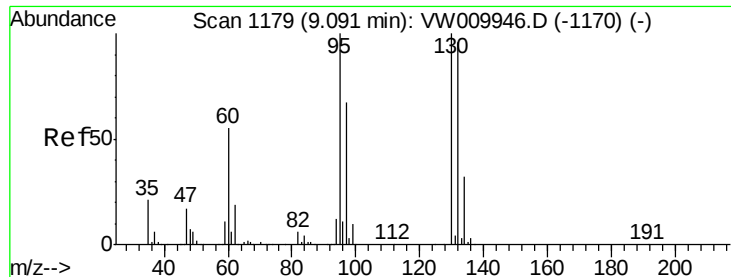
Ion Ratio Lower Upper

84 100

49 145.5 98.3 182.5

86 73.2 46.4 86.2

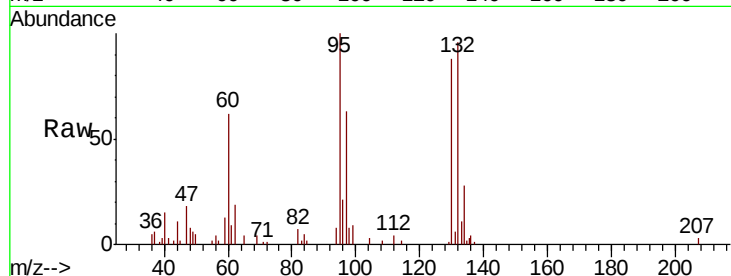




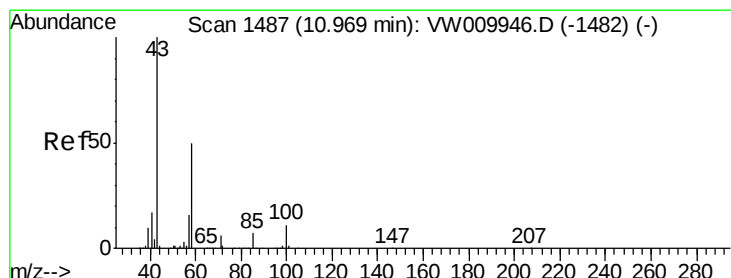
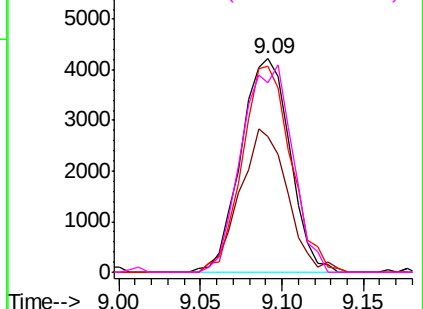
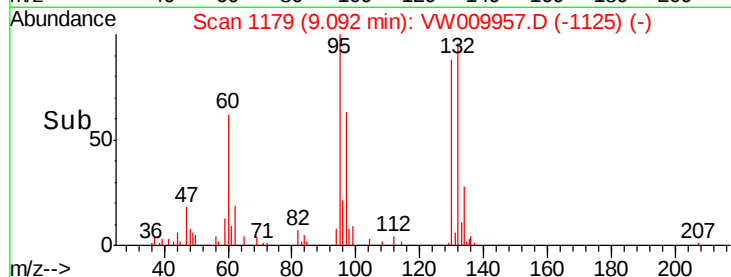
#35
 Trichloroethene
 Concen: 1.001 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW009957.D
 Acq: 12 Apr 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 8851
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.9 83.5
 132 95.7 67.1 124.7
 130 99.8 69.2 128.6

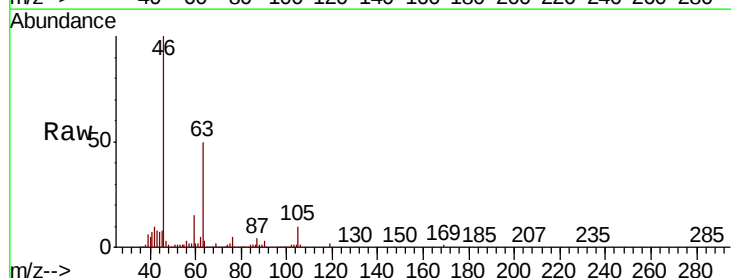


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#49
 2-Hexanone
 Concen: 2.576 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW009957.D
 Acq: 12 Apr 2019 14:32

Tgt Ion: 43 Resp: 12885
 Ion Ratio Lower Upper
 43 100
 58 27.1 38.9 58.3#
 57 32.3 13.8 20.6#
 100 6.2 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW
 Ion 57.00 (56.70 to 57.70): VW
 Ion 100.00 (99.70 to 100.70): V

