

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081319\
 Data File : VW011892.D
 Acq On : 13 Aug 2019 13:47
 Operator : SY/VA
 Sample : K4215-23
 Misc : 2.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC7

Quant Time: Aug 14 05:35:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:55:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	159497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41279	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	40197	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.02	63	43035	8.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.44%#
20) 2-Butanone-d5	7.07	46	69050	68.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.56%#
24) Chloroform-d	7.65	84	108165	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	82863	31.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.84%
29) Benzene-d6	8.27	84	160313	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.27	67	74764	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.72%#
37) Toluene-d8	10.32	98	87601	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.44%
38) trans-1,3-Dichloropropene-	10.58	79	12291	11.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.28%
39) 2-Hexanone-d5	10.93	63	39472	68.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.44%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	62417	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26933	15.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.84%#

Target Compounds

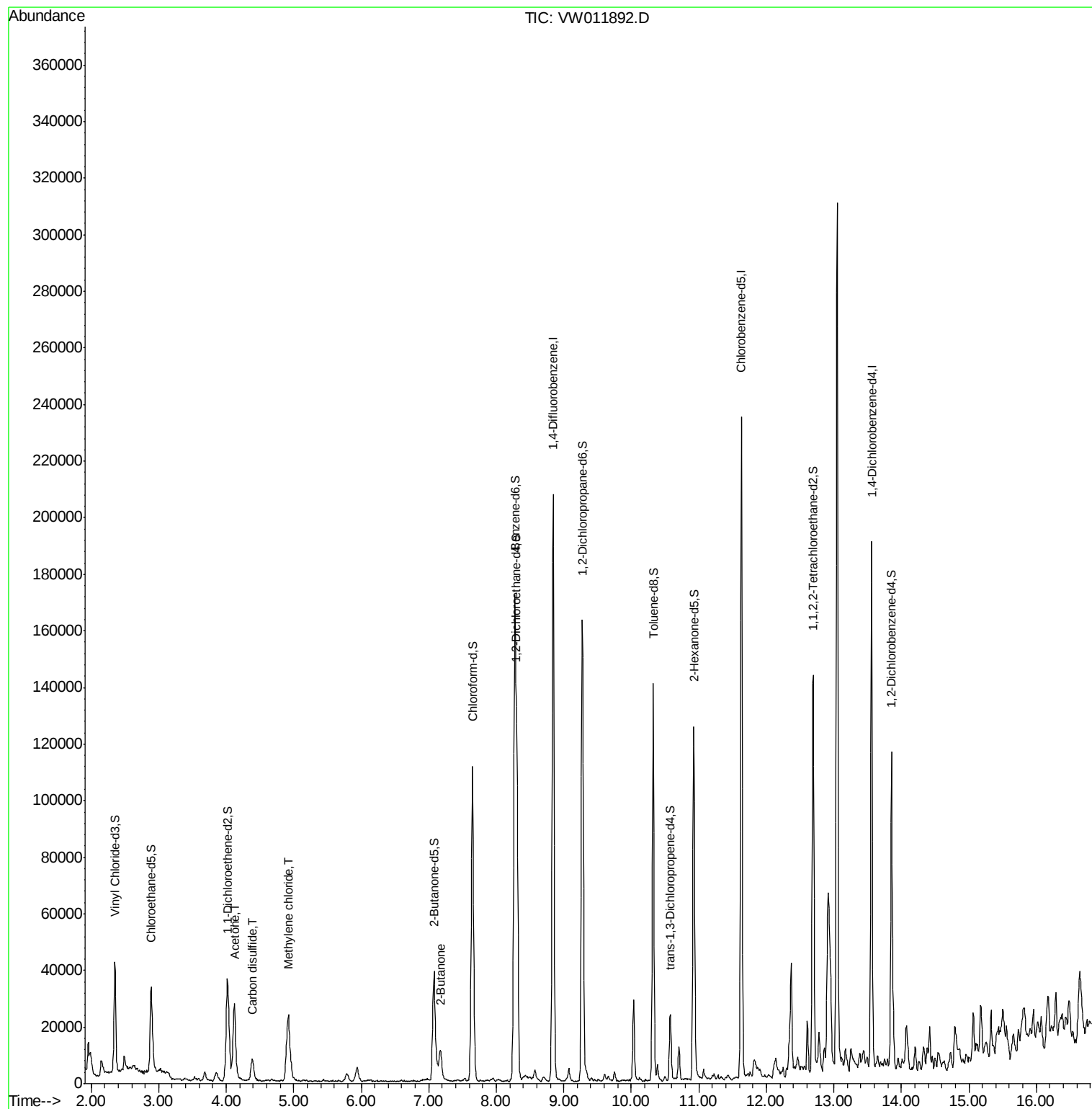
					Ovalue
13) Acetone	4.12	43	48426	44.712 ug/L	97
14) Carbon disulfide	4.38	76	11318	1.517 ug/L #	90
16) Methylene chloride	4.92	84	18121	7.280 ug/L	94
21) 2-Butanone	7.17	43	15809	11.642 ug/L	99

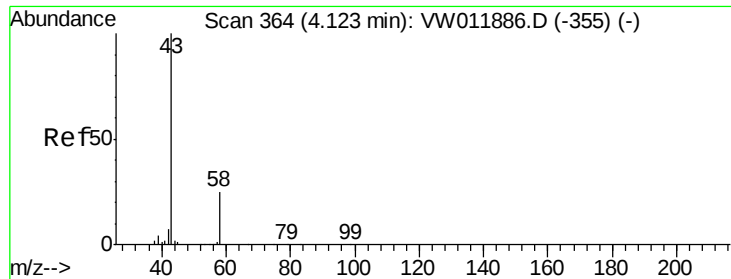
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.712 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW011892.D

Acq: 13 Aug 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

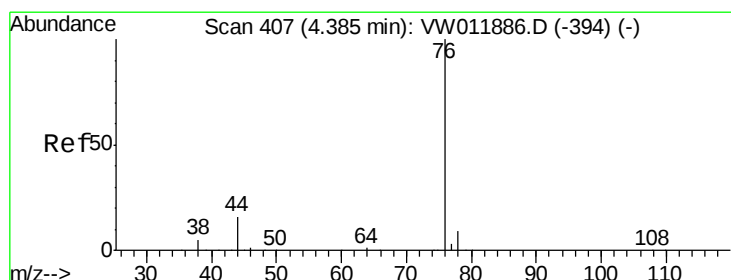
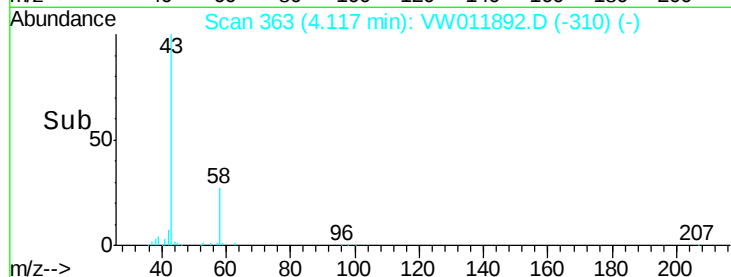
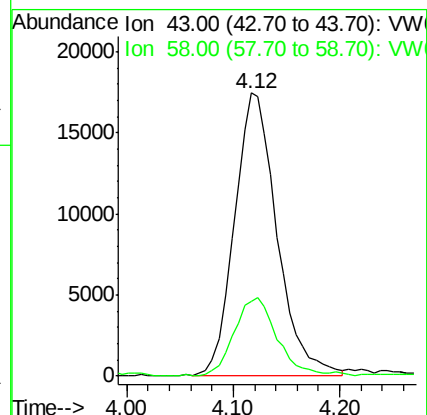
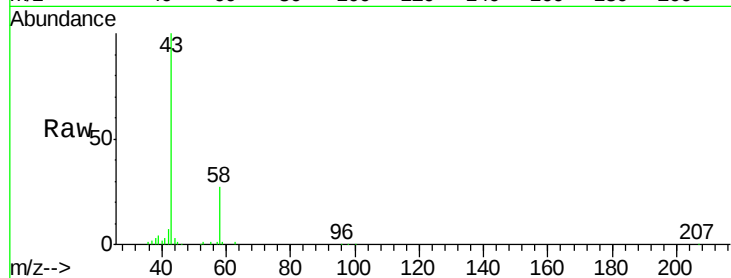
ETOC7

Tot Ion: 43 Resp: 48426

Ion Ratio Lower Upper

43 100

58 28.1 0.0 53.4



#14

Carbon disulfide

Concen: 1.517 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW011892.D

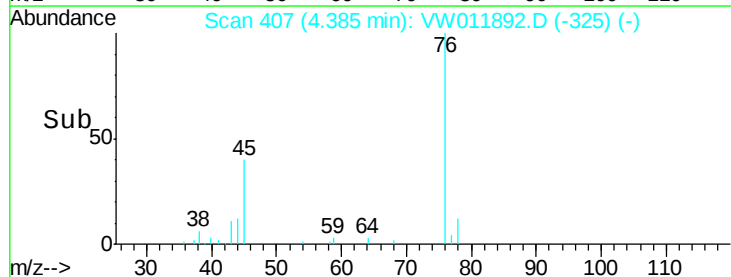
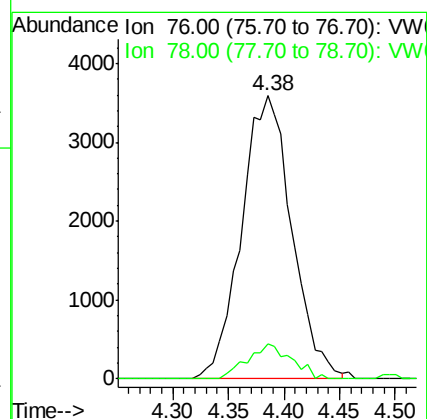
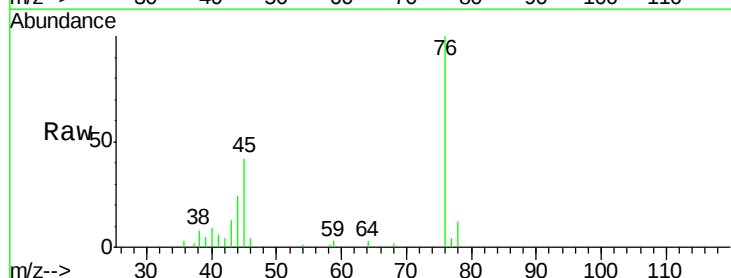
Acq: 13 Aug 2019 13:47

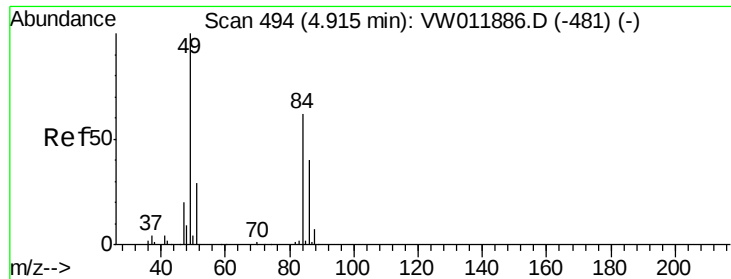
Tgt Ion: 76 Resp: 11318

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#

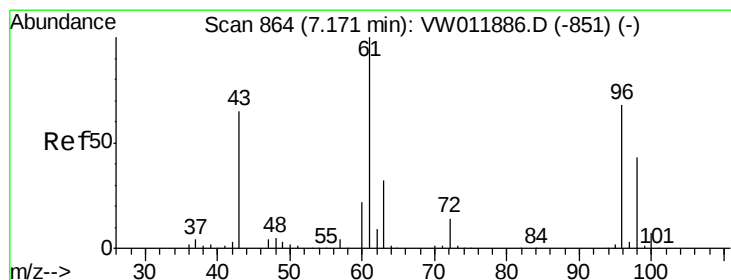
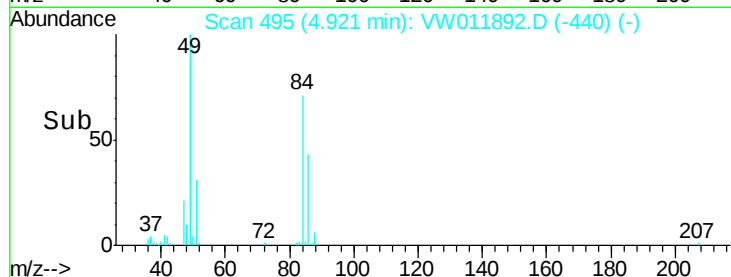
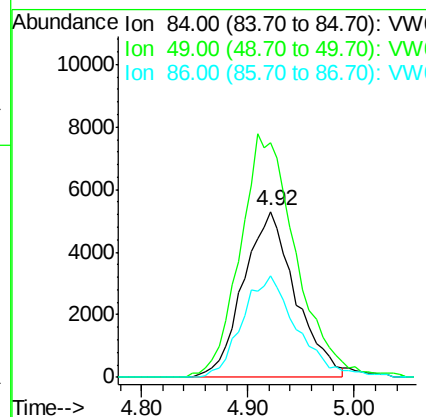
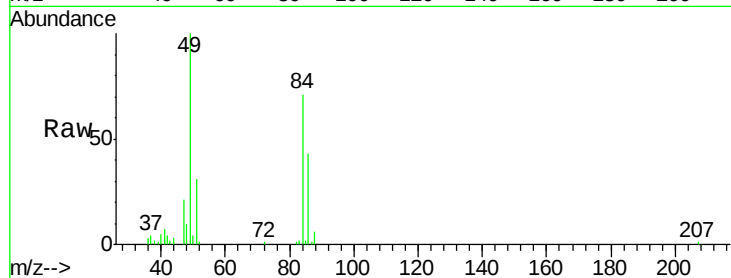




#16
Methvlene chloride
Concen: 7.280 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011892.D
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Instrument :
MSVOA_W
ClientSampleId :
ETOC7

Tot Ion: 84 Resp: 18121
Ion Ratio Lower Upper
84 100
49 141.7 106.8 198.4
86 61.0 42.8 79.4



#21
2-Butanone
Concen: 11.642 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW011892.D
Acq: 13 Aug 2019 13:47

Tgt Ion: 43 Resp: 15809
Ion Ratio Lower Upper
43 100
72 22.1 10.7 32.1

