

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011810.D
 Acq On : 09 Aug 2019 13:55
 Operator : SY/VA
 Sample : K4215-15
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC8

Quant Time: Aug 10 05:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	140073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	27004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60757	30.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.20%
7) Chloroethane-d5	2.89	69	45815	32.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.00%
10) 1,1-Dichloroethene-d2	4.02	63	87080	19.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.04%
20) 2-Butanone-d5	7.07	46	62996	70.93	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.86%#
24) Chloroform-d	7.65	84	118898	30.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.64%
26) 1,2-Dichloroethane-d4	8.31	65	83076	36.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	145.96%#
29) Benzene-d6	8.27	84	203544	33.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.52%#
33) 1,2-Dichloropropane-d6	9.27	67	80223	41.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	165.44%#
37) Toluene-d8	10.32	98	122287	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	26041	30.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.52%
39) 2-Hexanone-d5	10.93	63	38071	84.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70483	43.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	175.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	30645	29.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.80%

Target Compounds

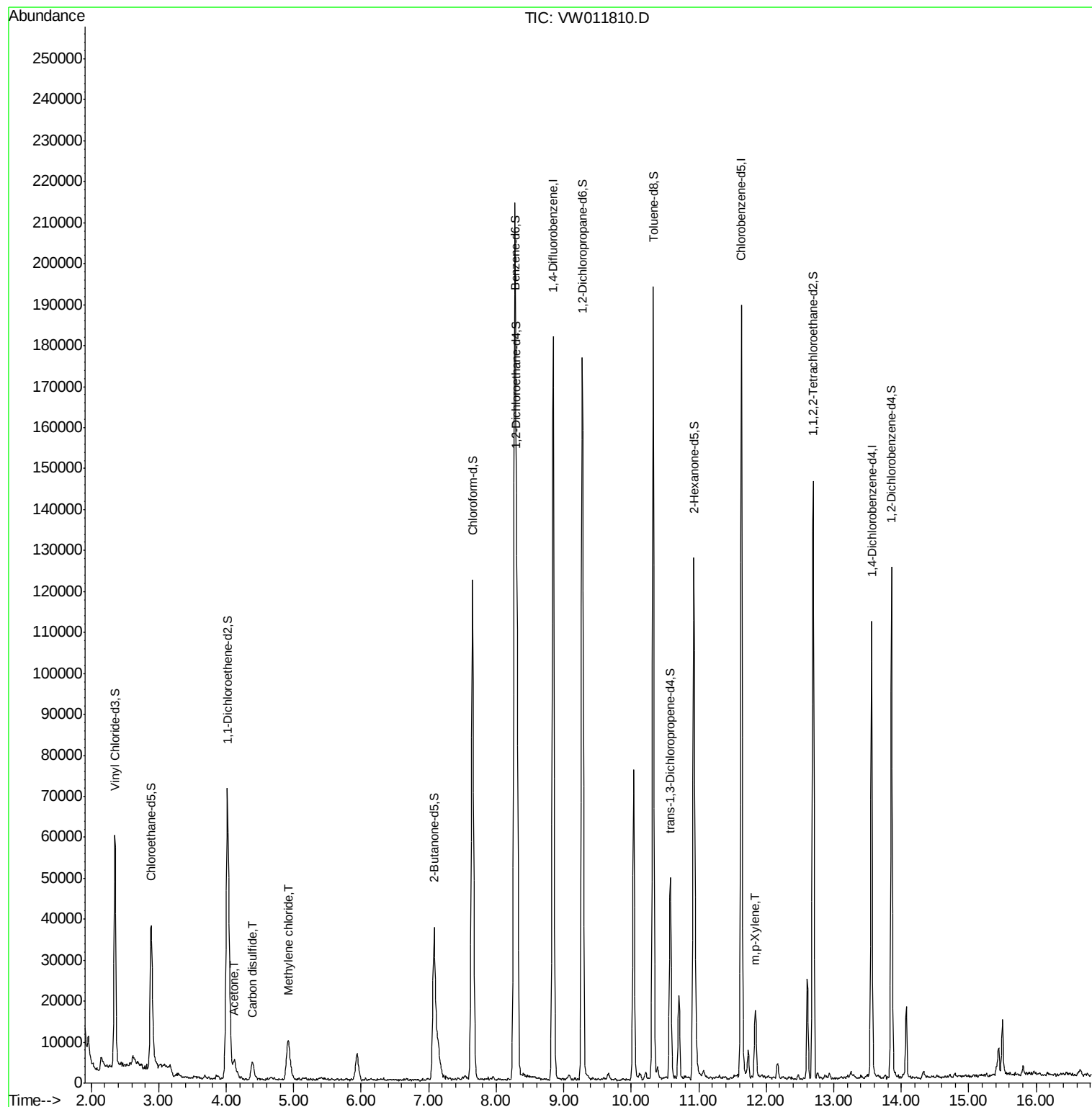
					Ovalue
13) Acetone	4.12	43	7175	7.543 ug/L	95
14) Carbon disulfide	4.38	76	4782	0.730 ug/L	97
16) Methylene chloride	4.92	84	7769	3.554 ug/L	97
54) m,p-Xylene	11.84	106	4589	1.664 ug/L	89

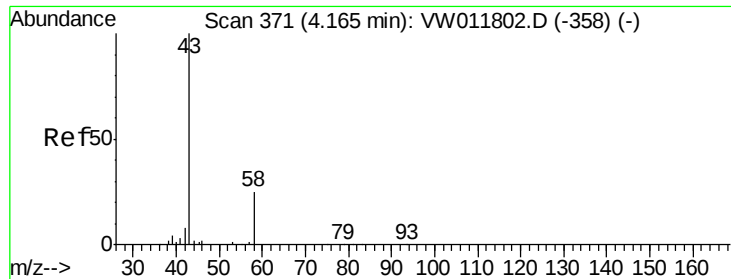
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.543 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.05 min

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Acq: 09 Aug 2019 13:55

Instrument :

MSVOA_W

ClientSampled :

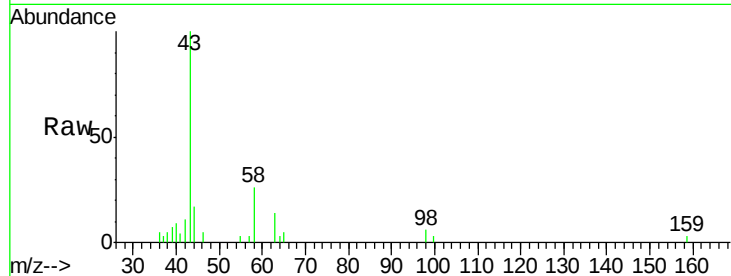
ETOC8

Tot Ion: 43 Resp: 7175

Ion Ratio Lower Upper

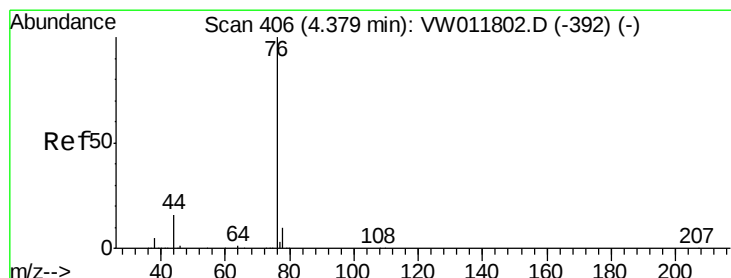
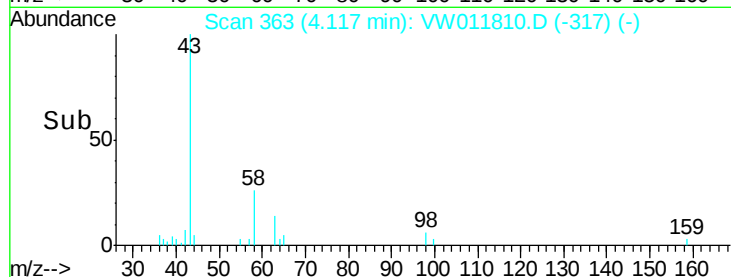
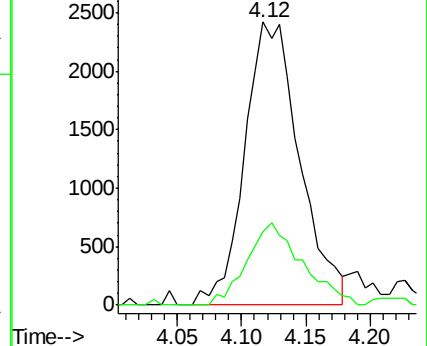
43 100

58 29.2 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.730 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011810.D

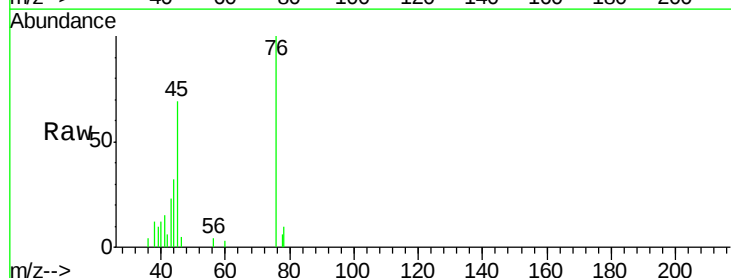
Acq: 09 Aug 2019 13:55

Tgt Ion: 76 Resp: 4782

Ion Ratio Lower Upper

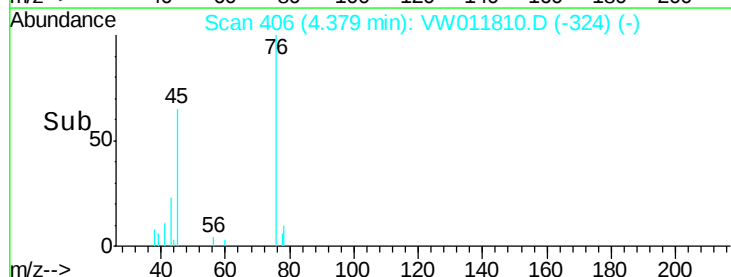
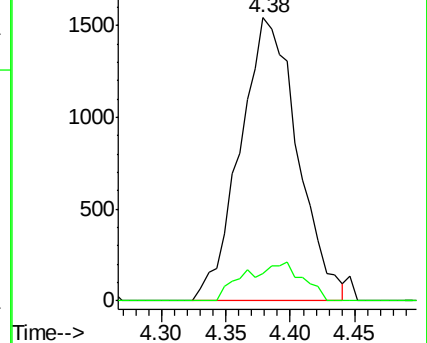
76 100

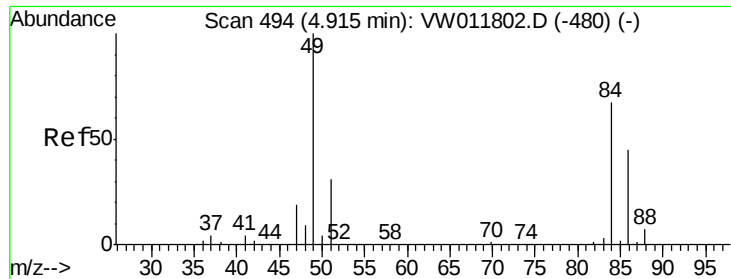
78 9.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

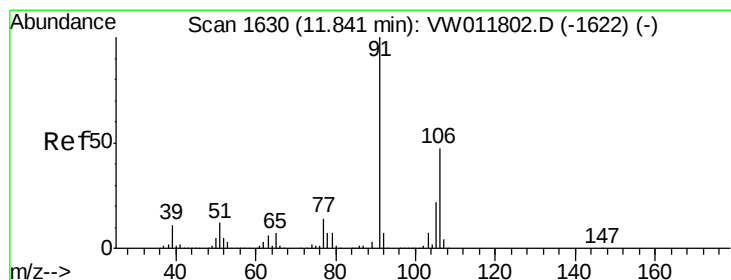
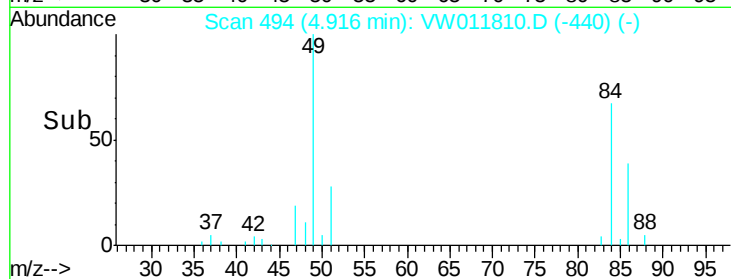
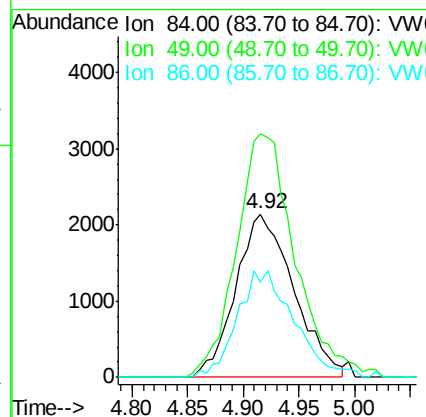
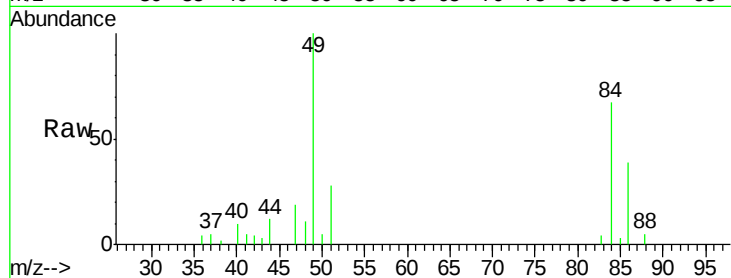




#16
Methylene chloride
Concen: 3.554 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
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Instrument :
MSVOA_W
ClientSampled :
ETOC8

Tot Ion: 84 Resp: 7769
Ion Ratio Lower Upper
84 100
49 149.1 106.8 198.4
86 58.5 42.8 79.4



#54
m,p-Xylene
Concen: 1.664 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011810.D
Acq: 09 Aug 2019 13:55

Tgt Ion:106 Resp: 4589
Ion Ratio Lower Upper
106 100
91 196.1 149.6 277.8

