

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013880.D
 Acq On : 01 Nov 2019 04:44
 Operator : SY/VA
 Sample : K5552-13
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC6

Quant Time: Nov 01 06:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 05:55:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110211	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136074	28.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.12%
7) Chloroethane-d5	2.89	69	110601	29.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.56%
10) 1,1-Dichloroethene-d2	4.02	63	194156	20.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.36%
20) 2-Butanone-d5	7.07	46	74319	44.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.68%
24) Chloroform-d	7.65	84	267956	27.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	8.31	65	138589	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.27	84	567299	32.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.52%
33) 1,2-Dichloropropane-d6	9.27	67	170523	32.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.92%#
37) Toluene-d8	10.32	98	498966	29.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.12%
38) trans-1,3-Dichloropropene-	10.58	79	60496	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.76%
39) 2-Hexanone-d5	10.93	63	59921	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116618	24.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	122621	28.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.56%

Target Compounds

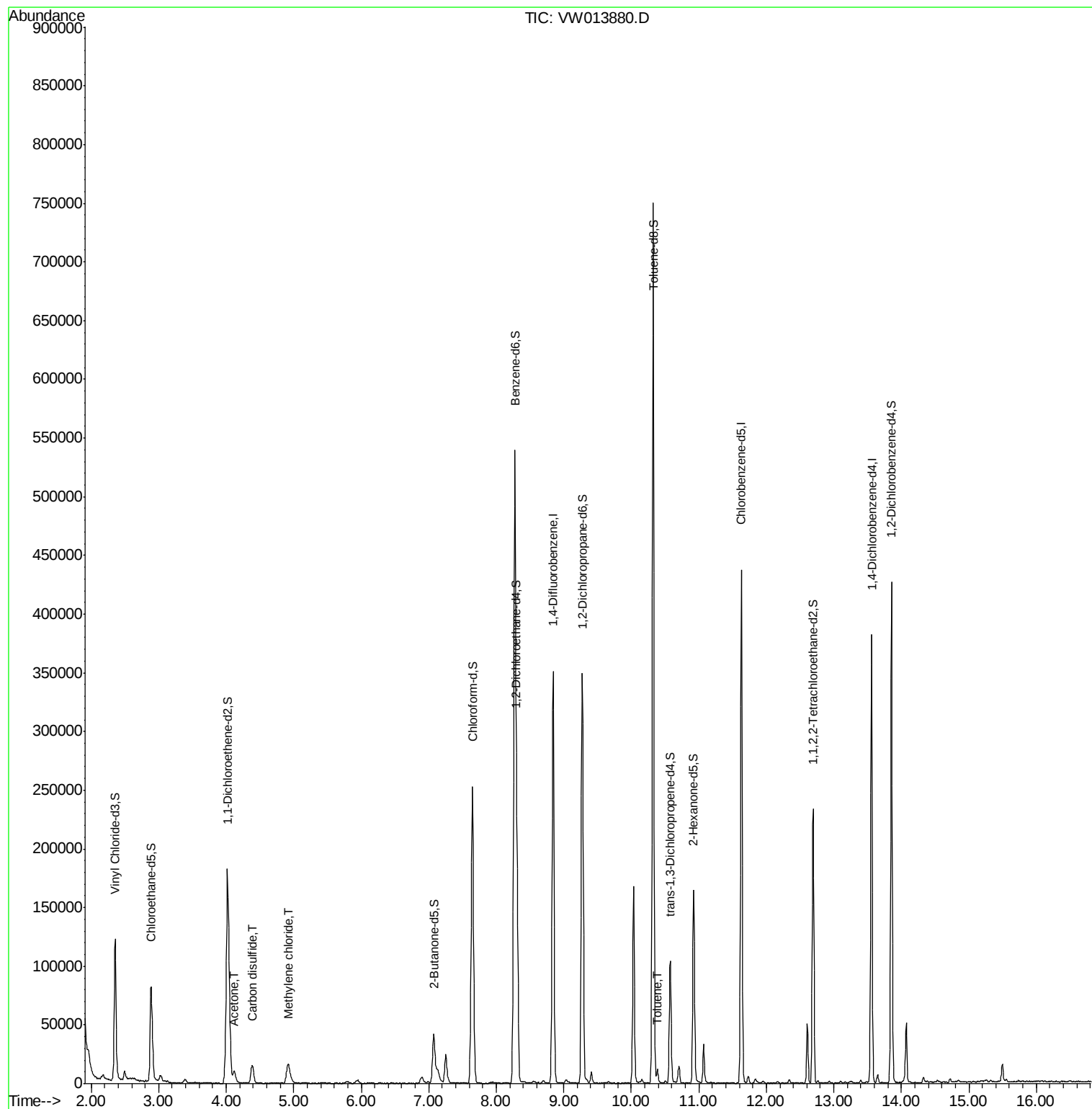
					Qvalue
13) Acetone	4.12	43	17082	10.889 ug/L	71
14) Carbon disulfide	4.38	76	24267	1.610 ug/L	97
16) Methylene chloride	4.93	84	14524	2.371 ug/L	93
44) Toluene	10.39	91	8007	0.395 ug/L	90

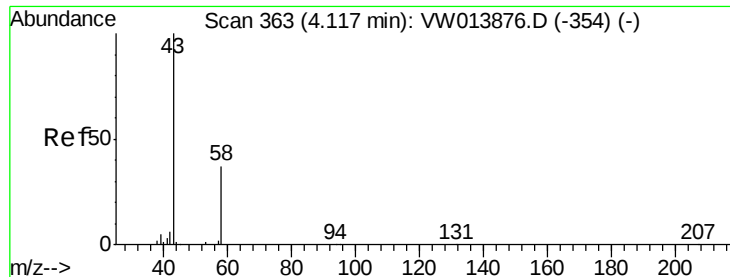
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.889 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

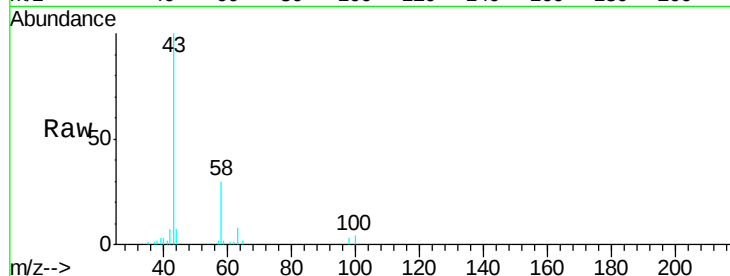
GAQC6

Tgt Ion: 43 Resp: 17082

Ion Ratio Lower Upper

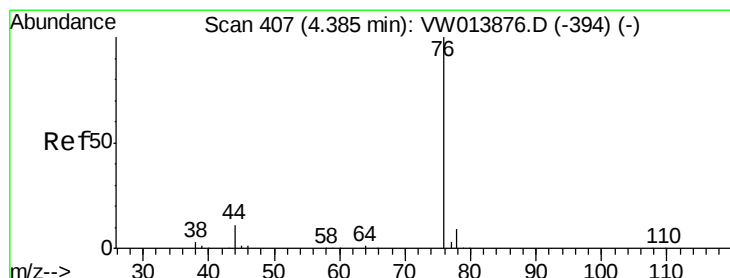
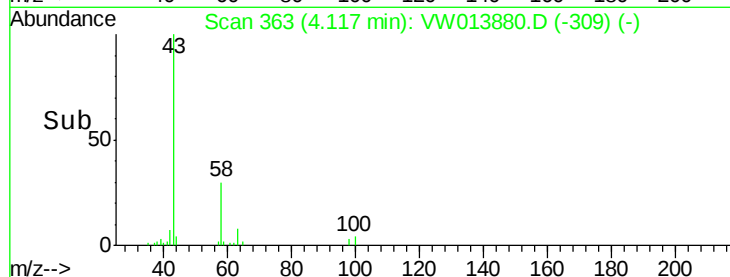
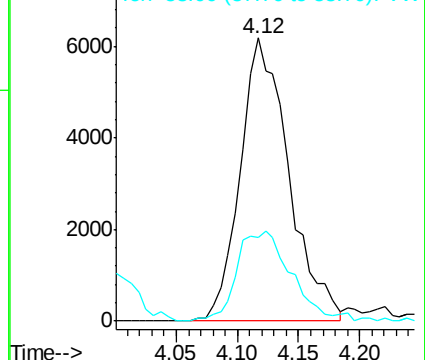
43 100

58 15.7 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.610 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

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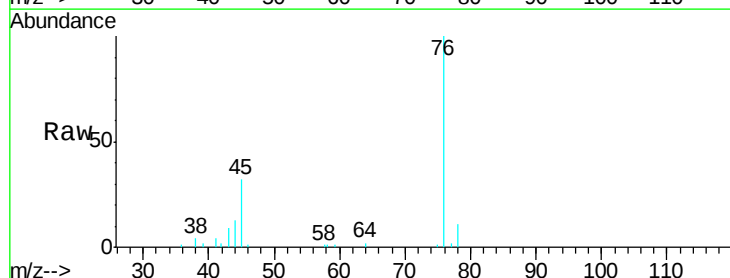
Acq: 01 Nov 2019 04:44

Tgt Ion: 76 Resp: 24267

Ion Ratio Lower Upper

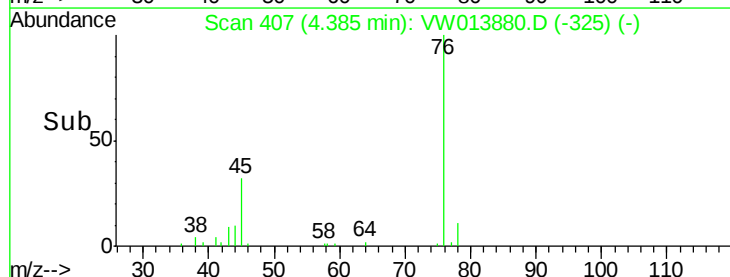
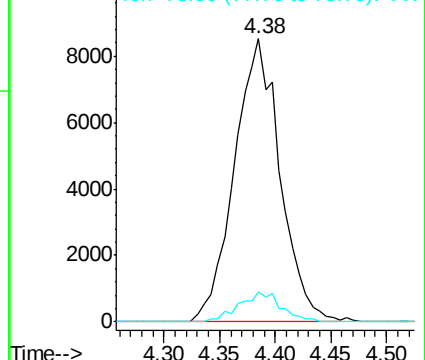
76 100

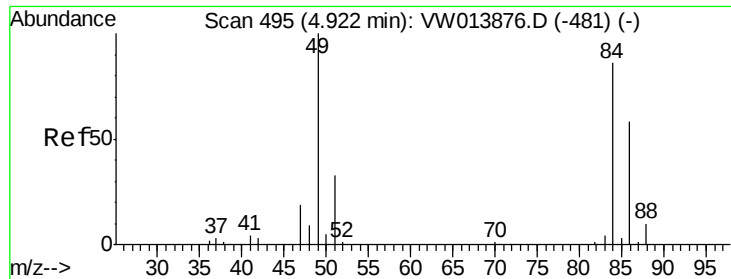
78 10.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

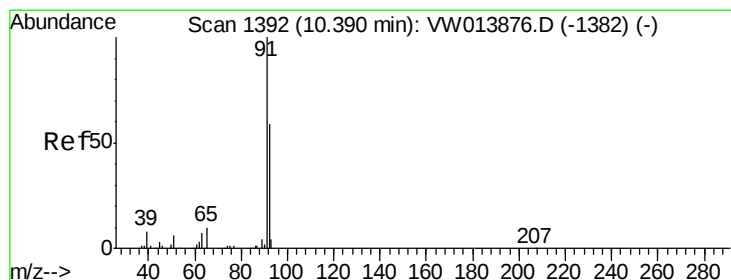
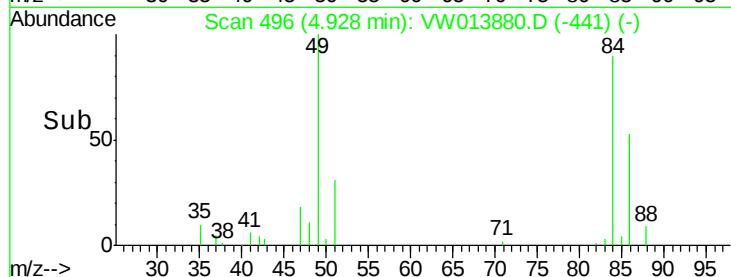
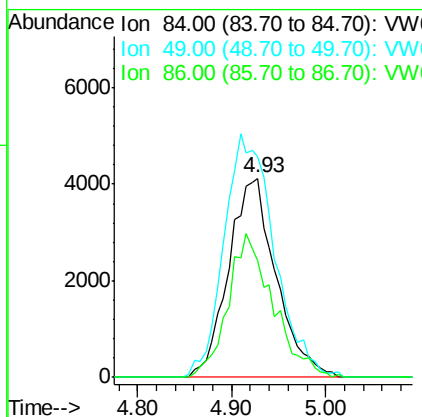
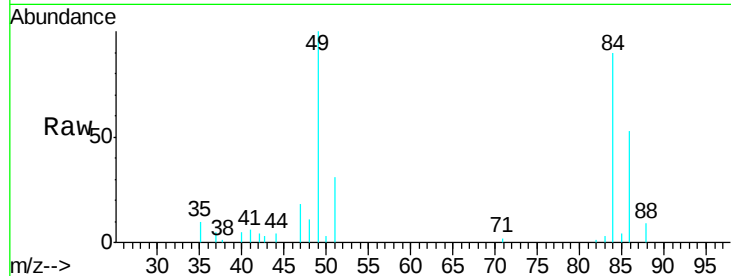




#16
Methylene chloride
Concen: 2.371 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
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Instrument :
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ClientSampleId :
GAQC6

Tgt Ion: 84 Resp: 14524
Ion Ratio Lower Upper
84 100
49 110.9 82.2 152.6
86 58.5 45.6 84.8



#44
Toluene
Concen: 0.395 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW013880.D
Acq: 01 Nov 2019 04:44

Tgt Ion: 91 Resp: 8007
Ion Ratio Lower Upper
91 100
92 67.2 42.0 78.0

