

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013642.D
 Acq On : 21 Oct 2019 18:12
 Operator : SY/VA
 Sample : K5422-10
 Misc : 5.46G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC1

Quant Time: Oct 21 18:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	336012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	94853	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98961	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	2.89	69	92269	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
10) 1,1-Dichloroethene-d2	4.02	63	162983	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.09	46	40558	27.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.02%
24) Chloroform-d	7.65	84	211877	22.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.16%
26) 1,2-Dichloroethane-d4	8.30	65	101617	20.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.68%
29) Benzene-d6	8.27	84	476605	30.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.72%
33) 1,2-Dichloropropane-d6	9.27	67	138258	29.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.24%
37) Toluene-d8	10.32	98	412820	28.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.36%
38) trans-1,3-Dichloropropene-	10.58	79	33844	15.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.64%
39) 2-Hexanone-d5	10.92	63	32833	36.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74989	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	75991	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

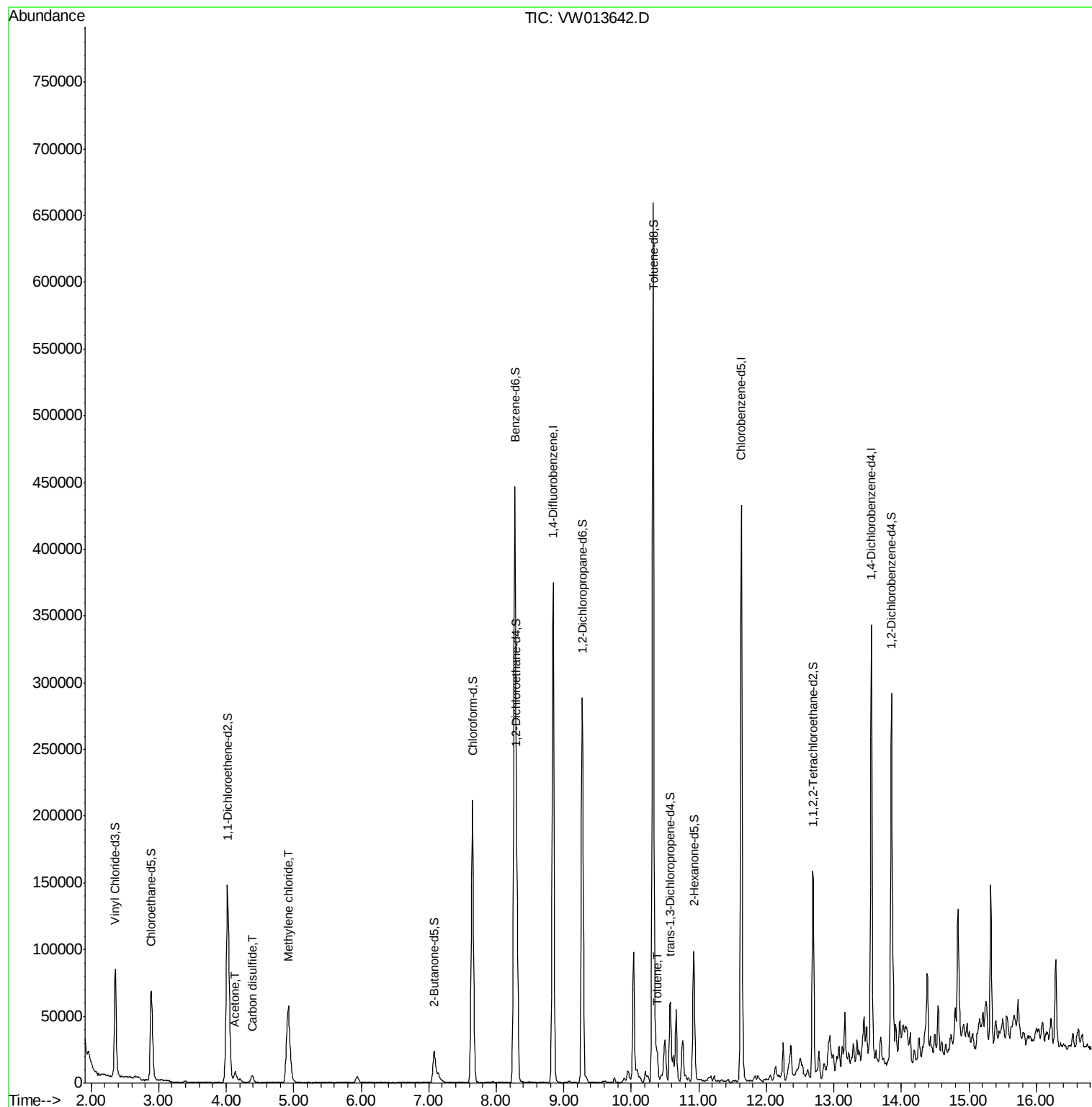
					Ovalue
13) Acetone	4.13	43	14489	8.854 ug/L	93
14) Carbon disulfide	4.39	76	12340	0.808 ug/L	98
16) Methylene chloride	4.92	84	50815	7.898 ug/L	97
44) Toluene	10.39	91	15796	0.779 ug/L	88

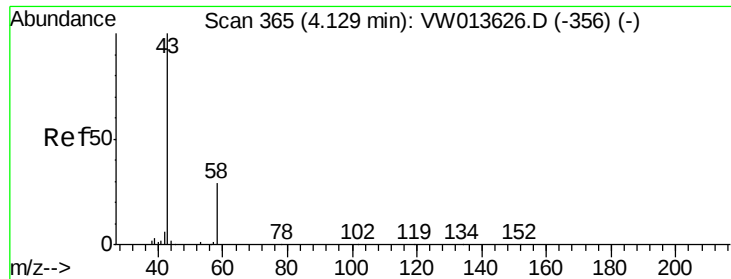
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.854 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013642.D

Acq: 21 Oct 2019 18:12

Instrument :

MSVOA_W

ClientSampled :

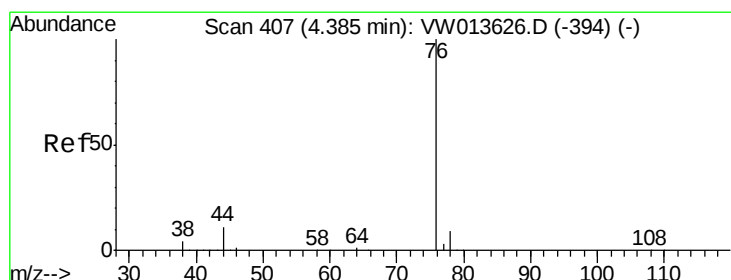
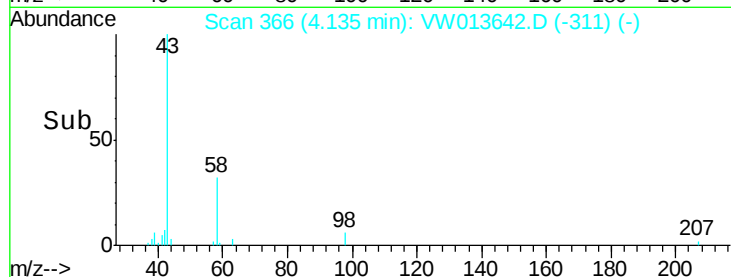
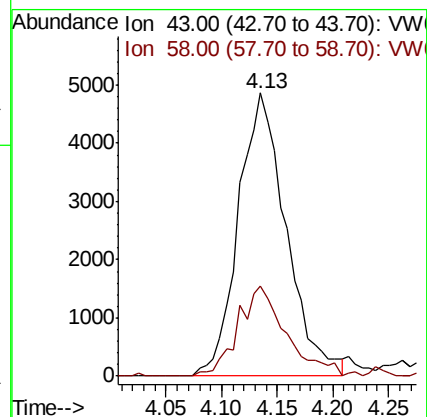
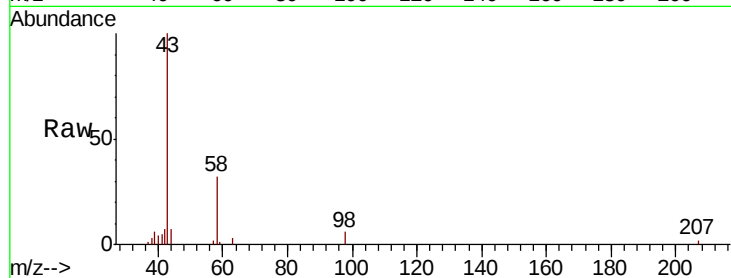
C0AC1

Tot Ion: 43 Resp: 14489

Ion Ratio Lower Upper

43 100

58 31.0 0.0 70.4



#14

Carbon disulfide

Concen: 0.808 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW013642.D

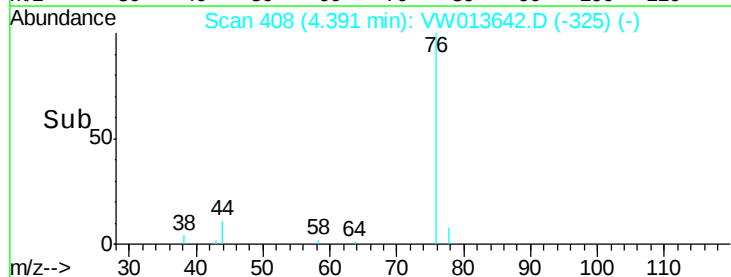
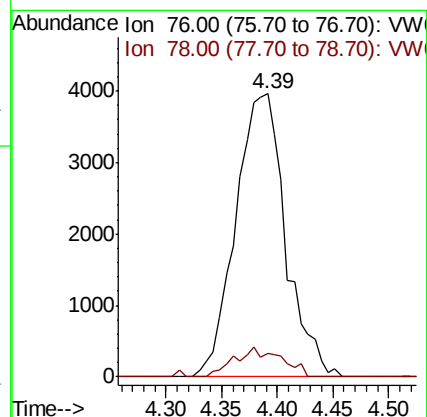
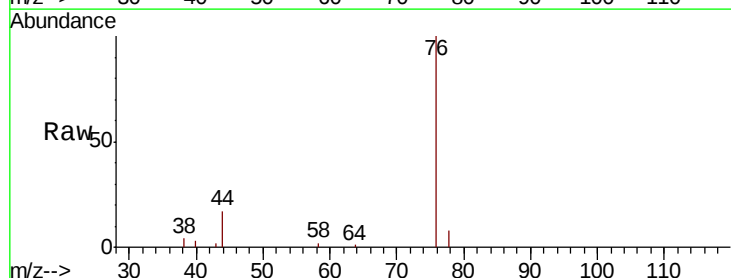
Acq: 21 Oct 2019 18:12

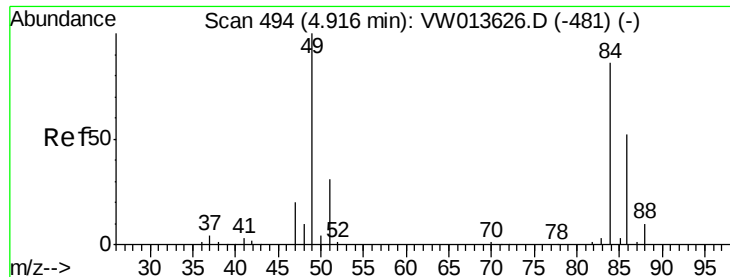
Tgt Ion: 76 Resp: 12340

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7

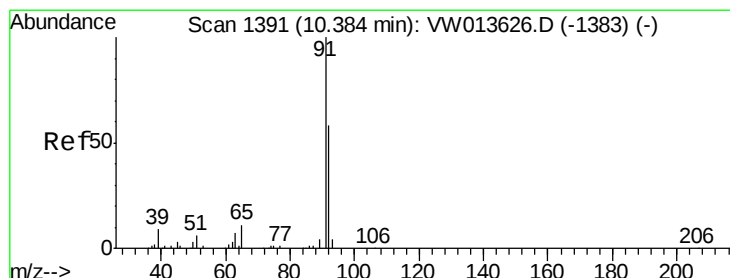
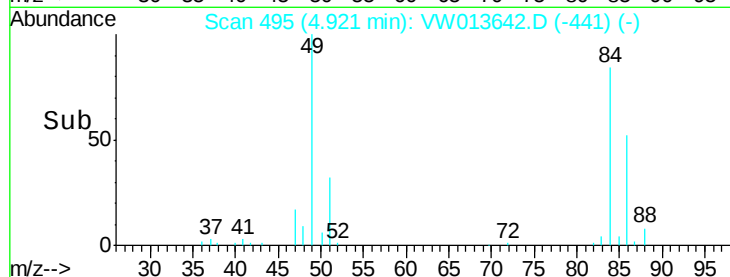
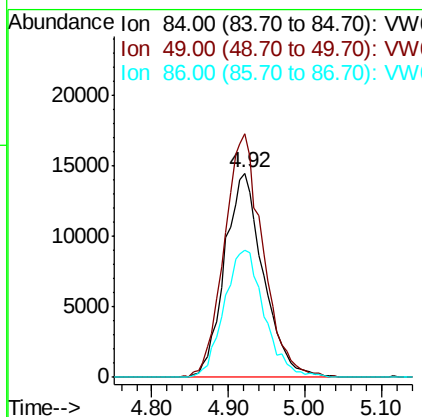
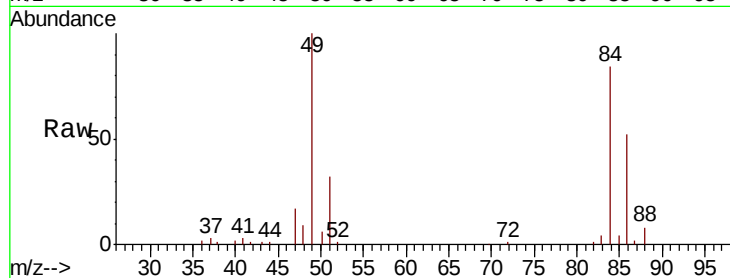




#16
Methvlene chloride
Concen: 7.898 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
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Instrument :
MSVOA_W
ClientSampleId :
C0AC1

Tot Ion: 84 Resp: 50815
Ion Ratio Lower Upper
84 100
49 119.2 80.2 148.9
86 62.2 42.7 79.3



#44
Toluene
Concen: 0.779 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW013642.D
Acq: 21 Oct 2019 18:12

Tgt Ion: 91 Resp: 15796
Ion Ratio Lower Upper
91 100
92 50.6 42.0 78.0

