

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017119.D
 Acq On : 09 Nov 2020 16:42
 Operator : SY/VA
 Sample : L4673-02
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S3

Manual Integrations
 APPROVED

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11/11/2020 1:52:39 PM

Quant Time: Nov 10 08:27:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	549531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	496433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	151245	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
7) Chloroethane-d5	2.89	69	123336	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
10) 1,1-Dichloroethene-d2	4.02	63	214167	17.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.20%
20) 2-Butanone-d5	7.09	46	61066	39.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.90%
24) Chloroform-d	7.65	84	302491	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.31	65	152105	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.40%
29) Benzene-d6	8.28	84	608776	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	9.27	67	171155	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.92%
37) Toluene-d8	10.33	98	584281	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.04%
38) trans-1,3-Dichloropropene-	10.58	79	72098	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.48%
39) 2-Hexanone-d5	10.93	63	51861	42.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132395	21.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	192254	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds					Ovalue
13) Acetone	4.13	43	28454	27.454 ug/L	93
14) Carbon disulfide	4.40	76	43001	2.317 ug/L #	94
16) Methylene chloride	4.93	84	4934m	0.666 ug/L	
44) Toluene	10.39	91	12887	0.449 ug/L	91

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

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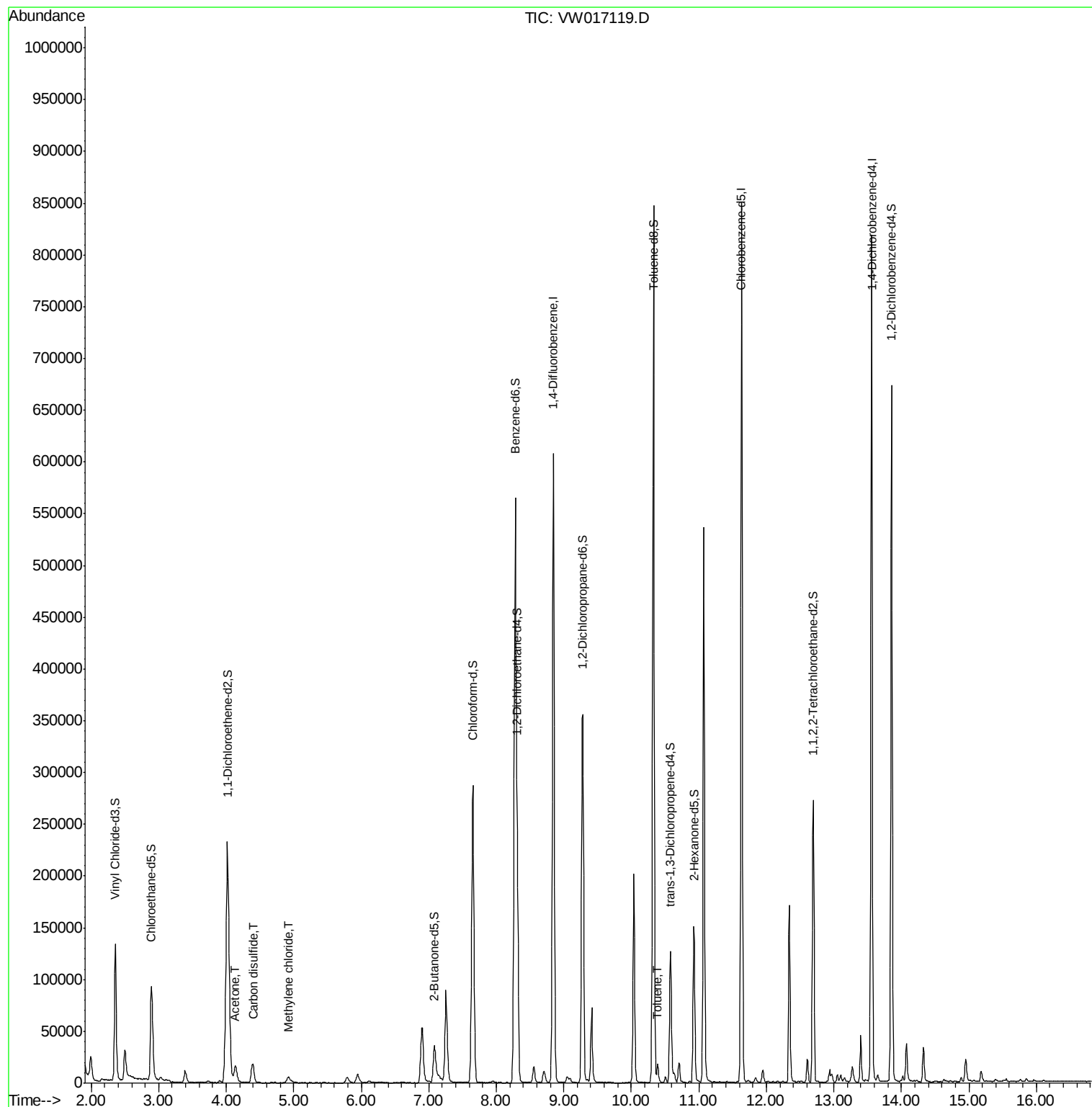
Instrument :
MSVOA_W
ClientSampleId :
GB0S3

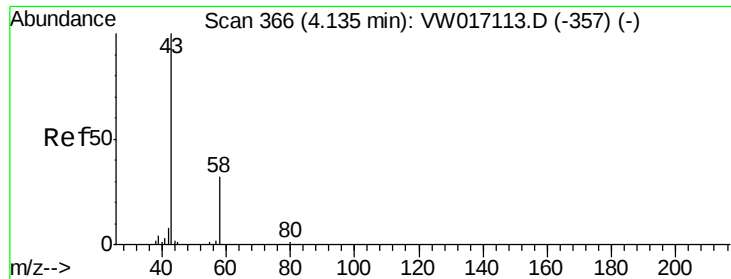
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Response via : Initial Calibration





#13

Acetone

Concen: 27.454 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW017119.D

Acq: 09 Nov 2020 16:42

Instrument :

MSVOA_W

ClientSampleId :

GB0S3

Tot Ion: 43 Resp: 28454

Ion Ratio Lower Upper

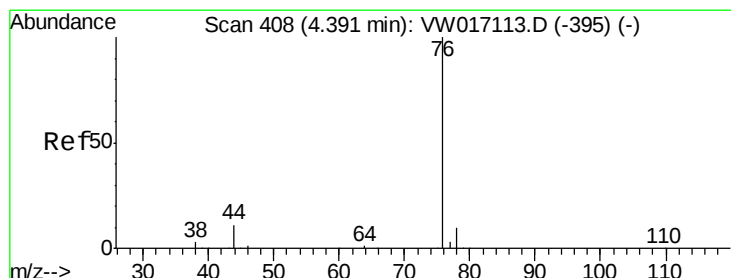
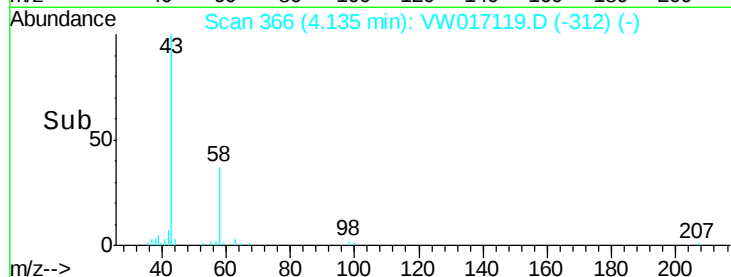
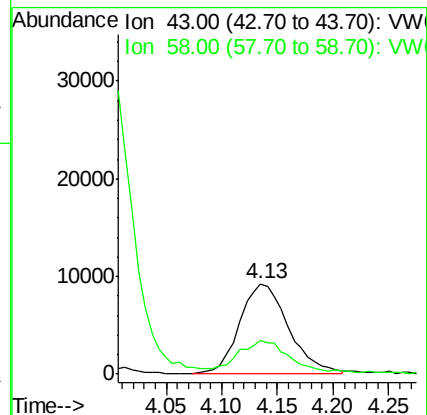
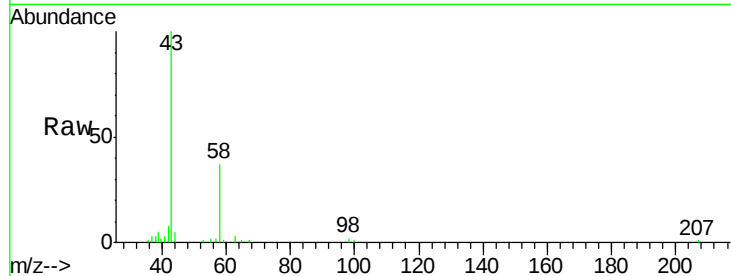
43 100

58 38.5 0.0 69.2

Manual Integrations
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11/11/2020 1:52:39 PM



#14

Carbon disulfide

Concen: 2.317 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017119.D

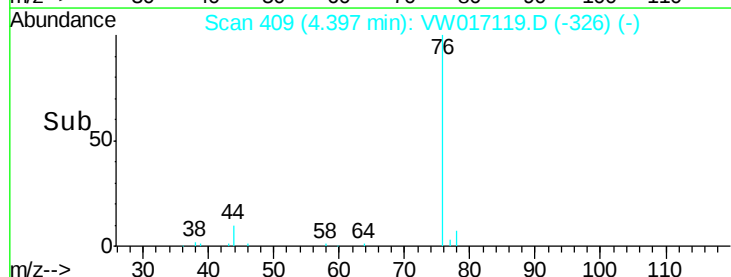
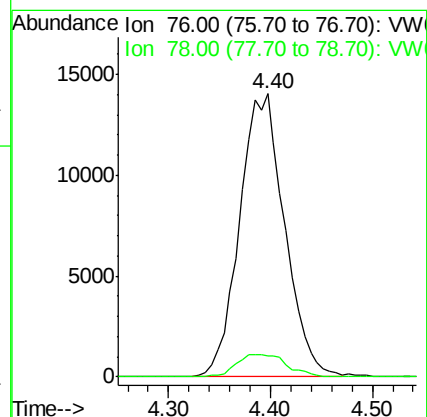
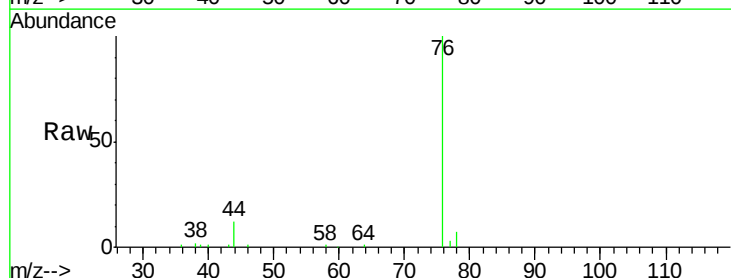
Acq: 09 Nov 2020 16:42

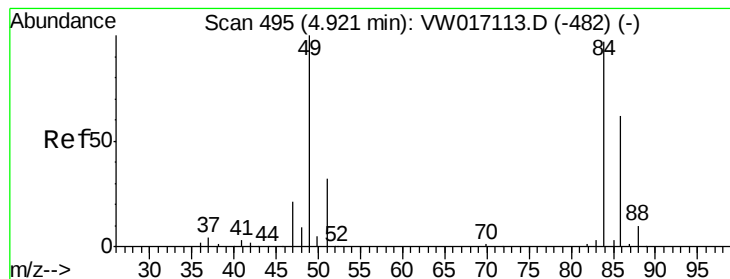
Tgt Ion: 76 Resp: 43001

Ion Ratio Lower Upper

76 100

78 7.2 7.6 11.4#





#16

Methvlene chloride

Concen: 0.666 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017119.D

Acq: 09 Nov 2020 16:42

Instrument :

MSVOA_W

ClientSampled :

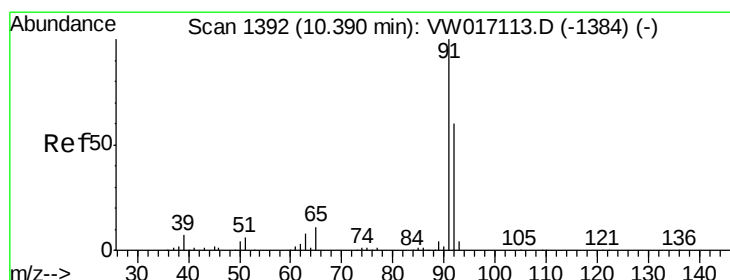
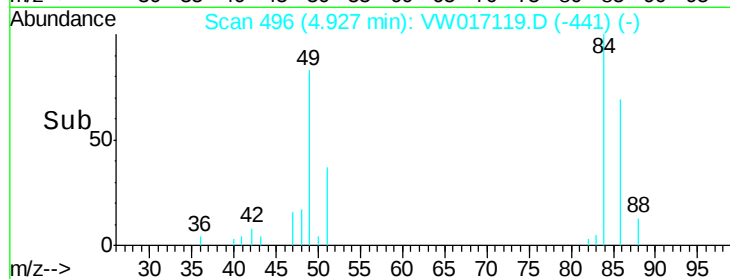
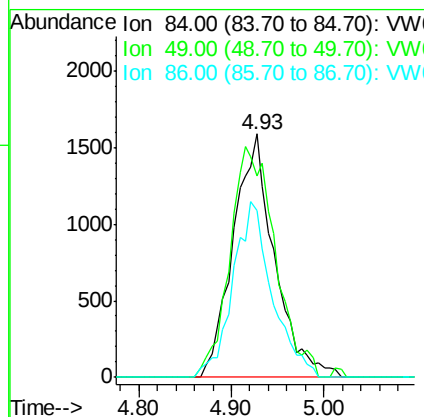
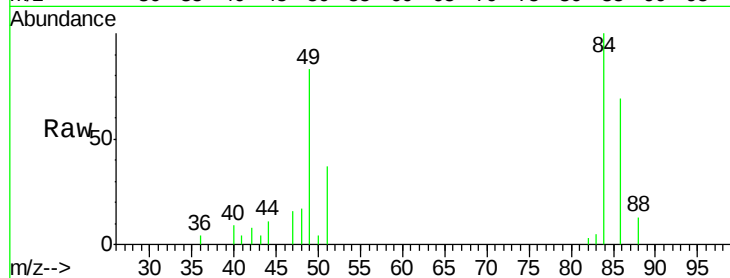
GB0S3

Tot Ion:	84	Resp:	4934
Ion	Ratio	Lower	Upper
84	100		
49	82.7	72.3	134.3
86	68.6	45.1	83.7

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#44

Toluene

Concen: 0.449 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017119.D

Acq: 09 Nov 2020 16:42

Tgt Ion:	91	Resp:	12887
Ion	Ratio	Lower	Upper
91	100		
92	52.7	41.4	76.8

