

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016626.D
 Acq On : 23 Sep 2020 13:15
 Operator : SY/VA
 Sample : L4108-10
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3K7

Manual Integrations
 APPROVED

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 9/28/2020 3:14:16 PM

Quant Time: Sep 24 05:00:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	713046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	622255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	306778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	164298	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
7) Chloroethane-d5	2.90	69	138936	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	4.03	63	261976	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.09	46	61523	32.69	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.38%
24) Chloroform-d	7.65	84	353894	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	175983	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	704921	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
33) 1,2-Dichloropropane-d6	9.27	67	188519	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.33	98	683028	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	10.58	79	80971	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	50920	37.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130051	20.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	237348	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds					Ovalue
13) Acetone	4.15	43	4312m	2.925	ug/L
14) Carbon disulfide	4.40	76	5754	0.211	ug/L # 90
16) Methylene chloride	4.93	84	27555	2.506	ug/L 95

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

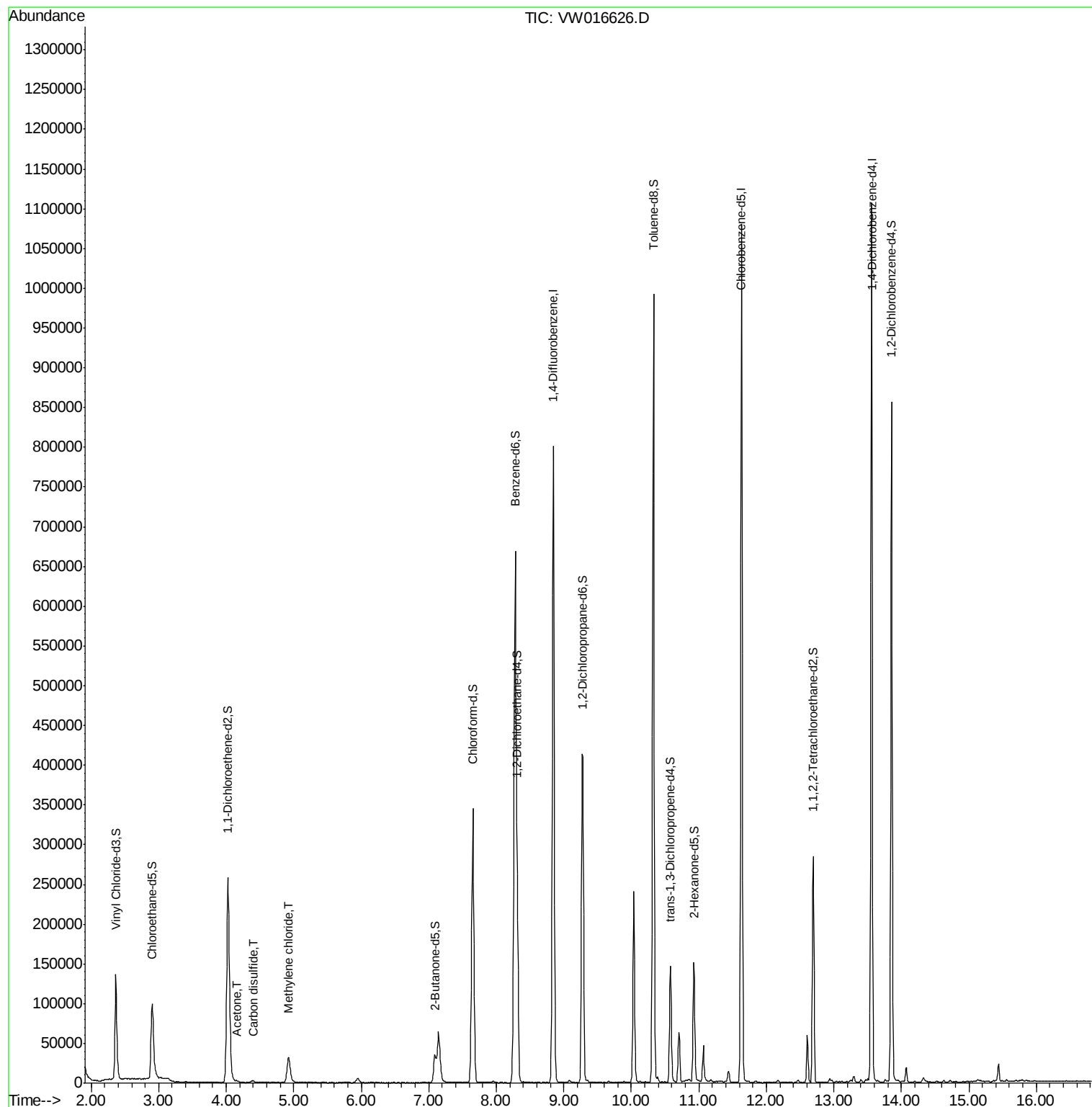
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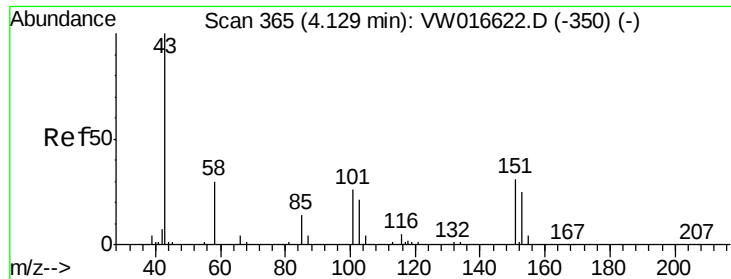
Instrument :
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Response via : Initial Calibration





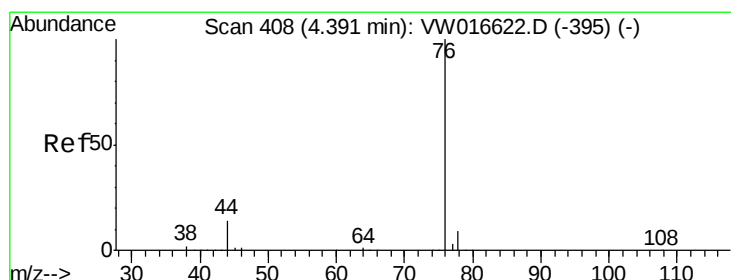
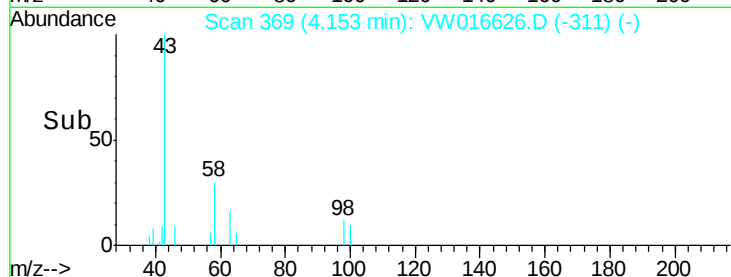
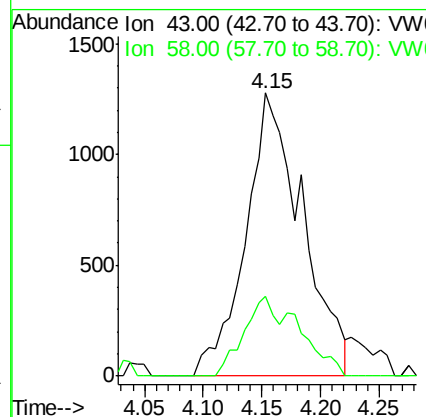
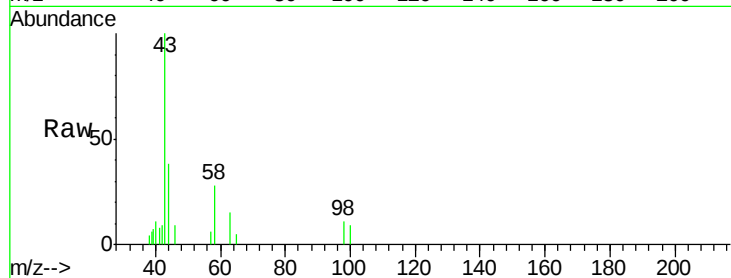
#13
Acetone
Concen: 2.925 ug/L m
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW016626.D
Acq: 23 Sep 2020 13:15

Instrument :
MSVOA_W
ClientSampled :
BG3K7

Tot Ion	43	Resp	4312
Ion Ratio	100	Lower	Upper
58	16.6	0.0	60.2

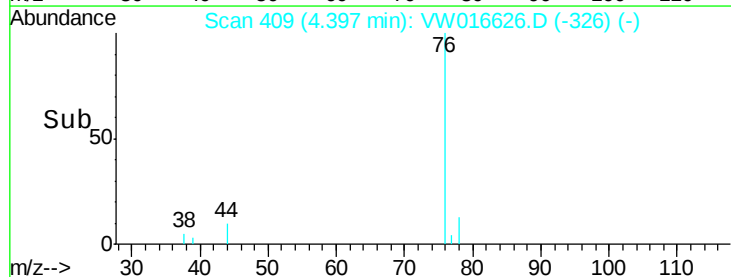
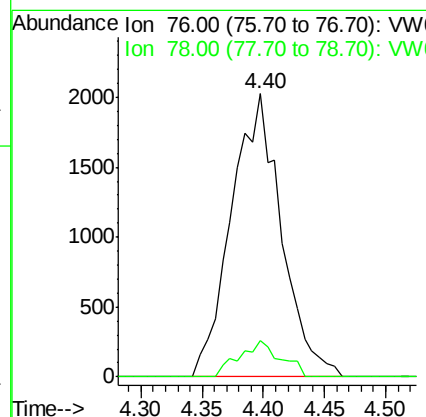
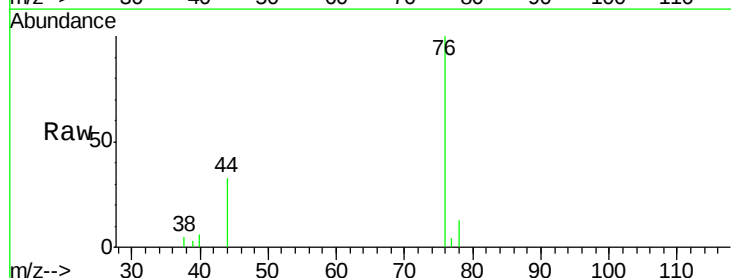
Manual Integrations
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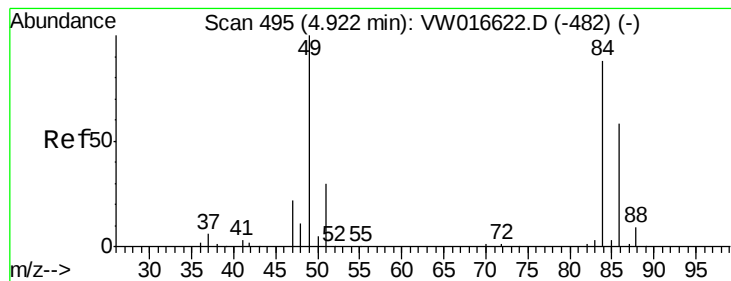
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#14
Carbon disulfide
Concen: 0.211 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW016626.D
Acq: 23 Sep 2020 13:15

Tgt Ion	76	Resp	5754
Ion Ratio	100	Lower	Upper
78	12.8	7.3	10.9#





#16

Methylene chloride

Concen: 2.506 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016626.D

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Tot Ion:	84	Resp:	27555
Ion Ratio	Lower	Upper	
84	100		
49	103.2	76.0	141.2
86	62.3	45.6	84.6

Manual Integrations
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