

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018435.D
 Acq On : 24 Sep 2020 18:14
 Operator : SY/MD
 Sample : L4108-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M0

Quant Time: Sep 25 07:10:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	411318	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	399555	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137157	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.84%
7) Chloroethane-d5	1.58	69	109319	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.70%
11) 1,1-Dichloroethene-d2	2.12	63	187075	30.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.84%
21) 2-Butanone-d5	3.92	46	159334	77.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.66%
24) Chloroform-d	4.38	84	220613	37.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.86%
26) 1,2-Dichloroethane-d4	5.06	65	144308	38.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.42%
32) Benzene-d6	5.08	84	469222	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
36) 1,2-Dichloropropane-d6	6.09	67	146291	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.50%
41) Toluene-d8	7.34	98	425676	40.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.68%
43) trans-1,3-Dichloropropene-	7.64	79	73342	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.11	63	100519	73.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172850	37.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	178945	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%

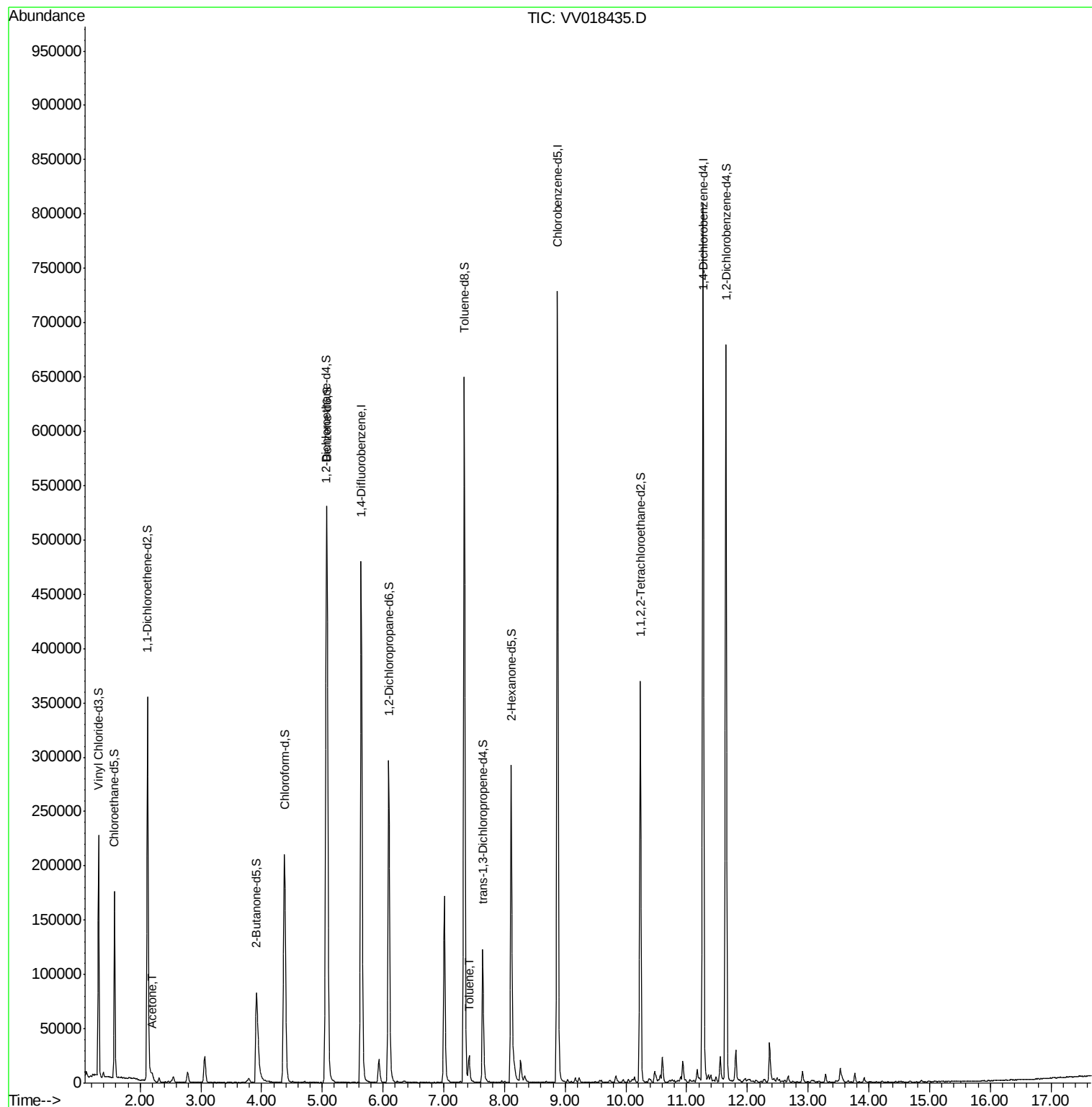
Target Compounds					Ovalue
13) Acetone	2.20	43	9124	5.553 ug/L	99
42) Toluene	7.42	91	18593	1.538 ug/L	100

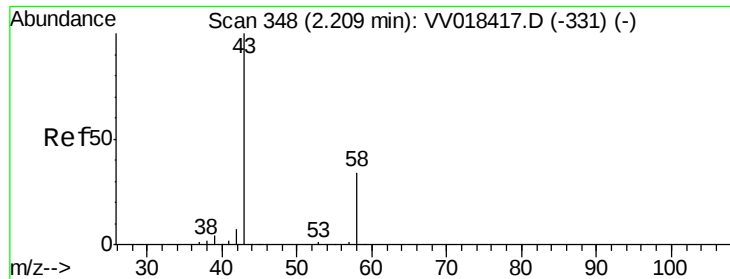
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.553 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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Acq: 24 Sep 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

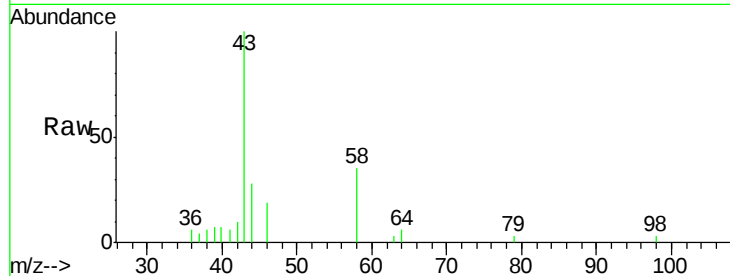
BG3M0

Tot Ion: 43 Resp: 9124

Ion Ratio Lower Upper

43 100

58 34.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

4000

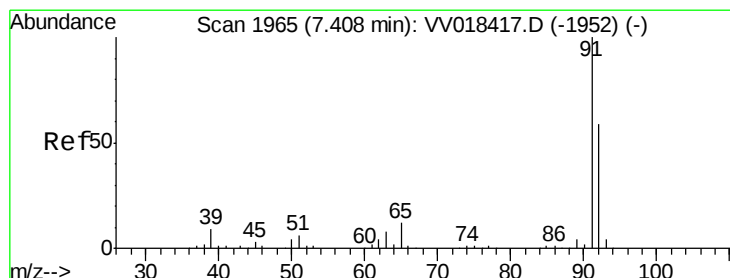
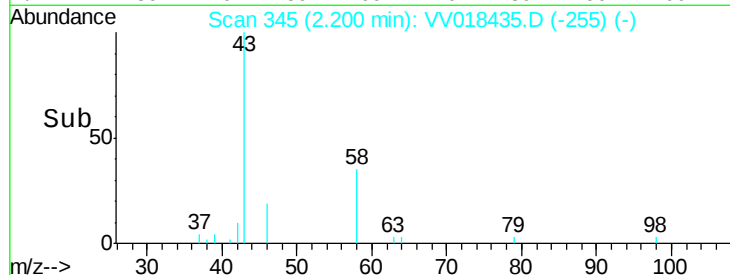
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#42

Toluene

Concen: 1.538 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

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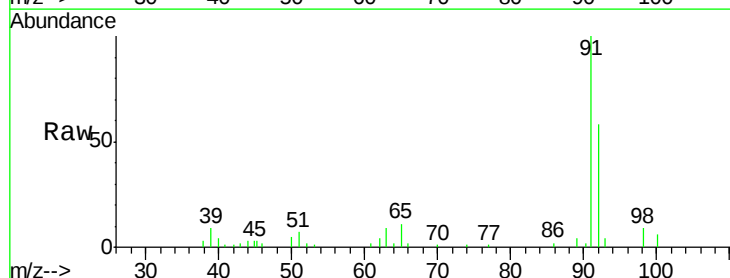
Acq: 24 Sep 2020 18:14

Tgt Ion: 91 Resp: 18593

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.42

10000

8000

6000

4000

2000

0

Time--> 7.35 7.40 7.45 7.50

