

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO093020\
 Data File : VX018712.D
 Acq On : 30 Sep 2020 21:14
 Operator : JC/SP
 Sample : L4208-02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0D5

Quant Time: Oct 01 05:29:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	189194	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	187426	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	80089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37787	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.70	69	37180	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.34	63	71347	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.56	46	149269	59.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.26%
24) Chloroform-d	5.14	84	118686	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	6.03	65	69480	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	6.05	84	200939	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	7.37	67	63178	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	8.70	98	167192	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
45) trans-1,3-Dichloropropene-	8.99	79	25739	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	9.43	63	111748	53.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.44%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51290	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	68237	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

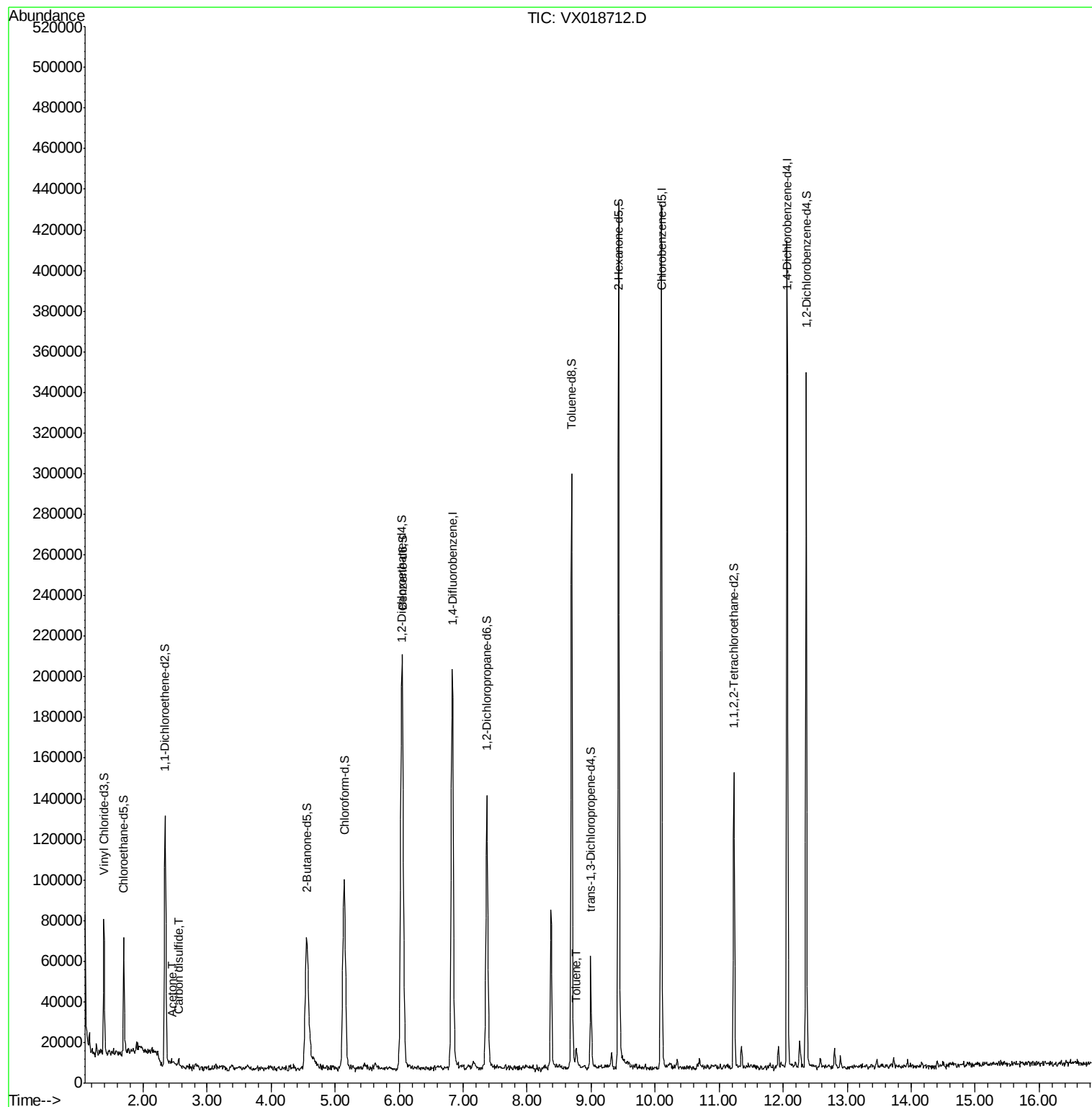
					Ovalue
13) Acetone	2.46	43	7021	5.025 ug/L	69
14) Carbon disulfide	2.56	76	4770	0.170 ug/L #	91
42) Toluene	8.77	91	4913	0.126 ug/L	80

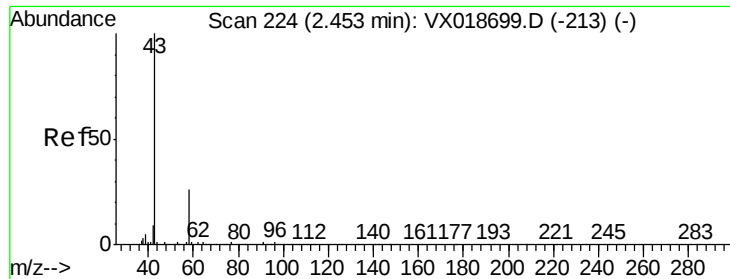
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.025 ug/L

RT: 2.46 min Scan# 226

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

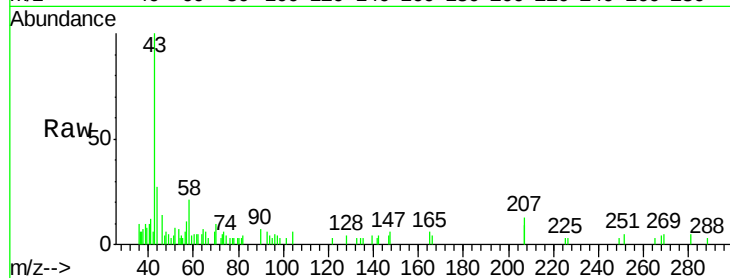
BG0D5

Tot Ion: 43 Resp: 7021

Ion Ratio Lower Upper

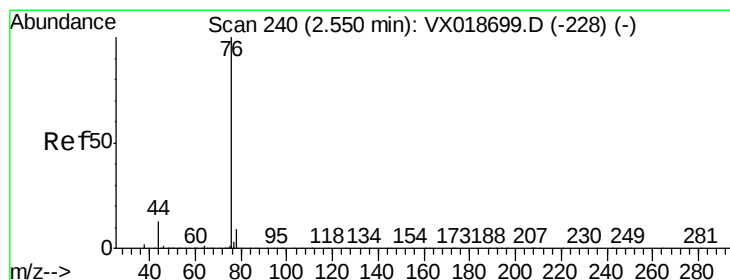
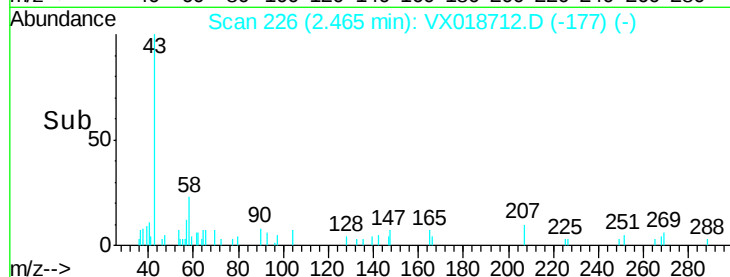
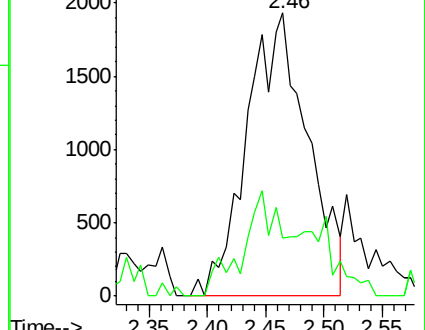
43 100

58 14.0 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 0.170 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018712.D

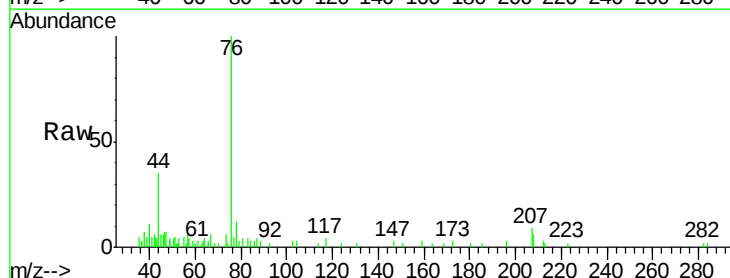
Acq: 30 Sep 2020 21:14

Tgt Ion: 76 Resp: 4770

Ion Ratio Lower Upper

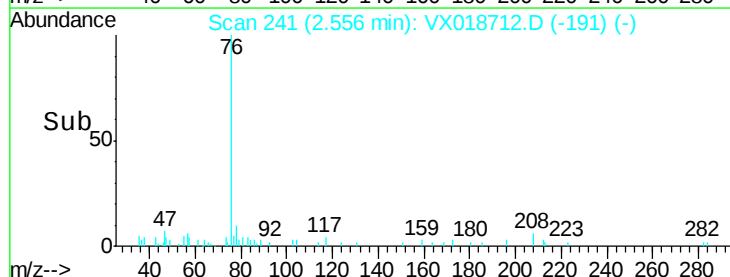
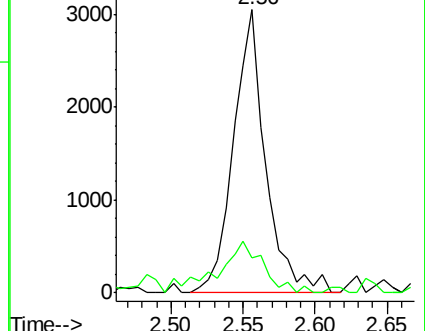
76 100

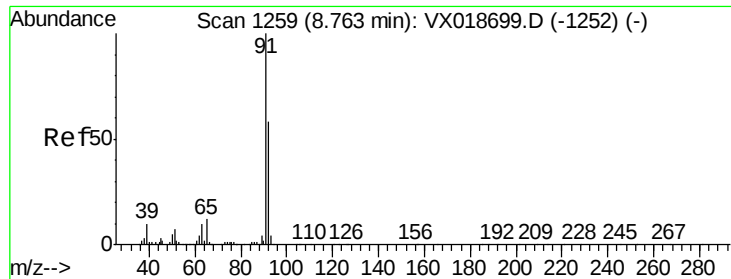
78 12.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#42

Toluene

Concen: 0.126 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

BG0D5

Tot Ion: 91 Resp: 4913

Ion Ratio Lower Upper

91 100

92 44.0 41.1 76.3

