

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121319\
 Data File : VV014054.D
 Acq On : 13 Dec 2019 15:26
 Operator : SY/MD
 Sample : K6275-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDR9

Manual Integrations
 APPROVED

sam
 12/16/2019 1:55:23 PM

Quant Time: Dec 14 04:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 03:25:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.70	114	403159	5.00	ug/L	0.04
28) Chlorobenzene-d5	8.91	117	362445	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	157587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	105528	4.23	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.61	69	96342	4.55	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.16	63	127614	3.04	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.03	46	292940	56.47	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	4.42	84	182738	3.63	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.60%
26) 1,2-Dichloroethane-d4	5.10	65	104200	4.35	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.11	84	377430	4.04	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.16	67	127486	4.57	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.39	98	276867	3.16	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#
43) trans-1,3-Dichloropropene-	7.69	79	39910	3.68	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.15	63	174998	43.74	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101120	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	127539	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds					Ovalue
13) Acetone	2.29	43	10589m	2.919	ug/L
14) Carbon disulfide	2.35	76	9603	0.215	ug/L
25) Chloroform	4.45	83	24003	0.518	ug/L

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

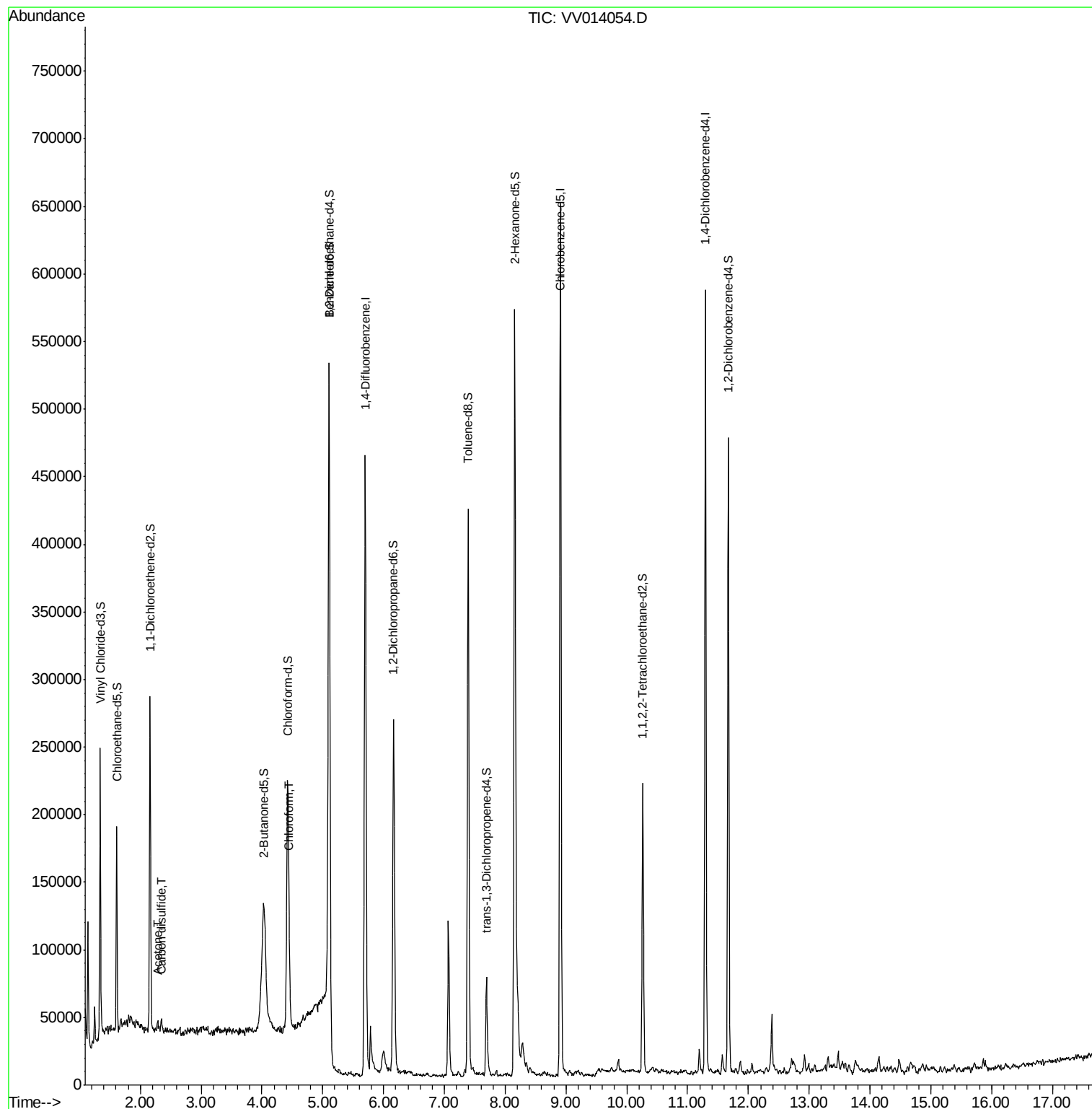
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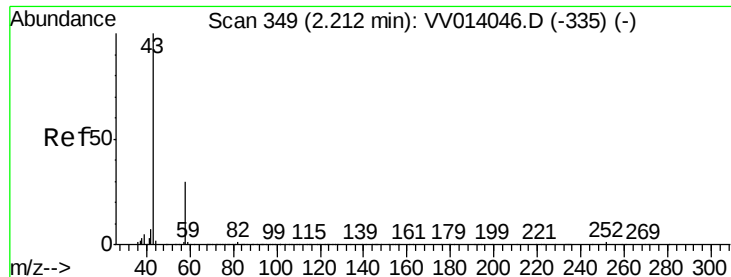
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#13

Acetone

Concen: 2.919 ug/L m

RT: 2.29 min Scan# 373

Delta R.T. 0.08 min

Lab File: VV014054.D

Acq: 13 Dec 2019 15:26

Instrument :

MSVOA_V

ClientSampleId :

BFDR9

Tot Ion: 43 Resp: 10589

Ion Ratio Lower Upper

43 100

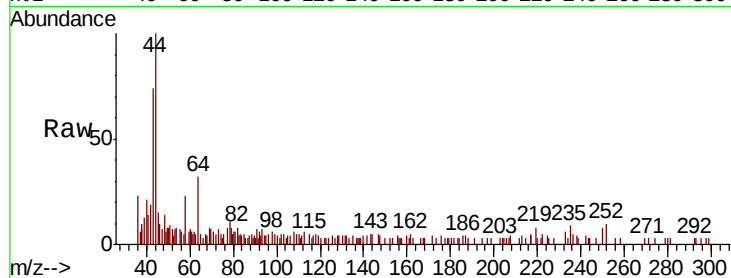
58 10.6 0.0 27.2

Manual Integrations

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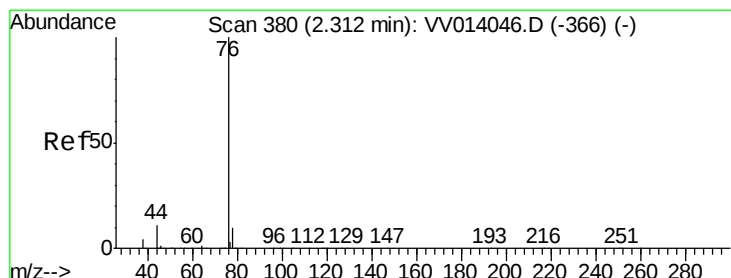
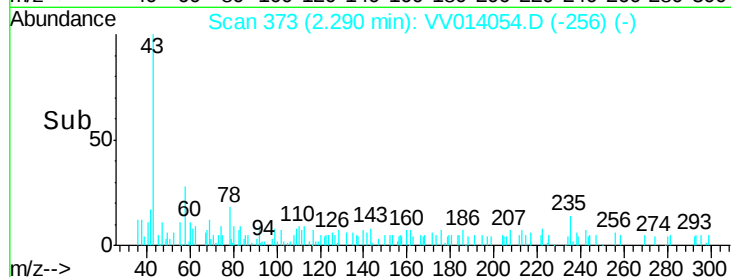
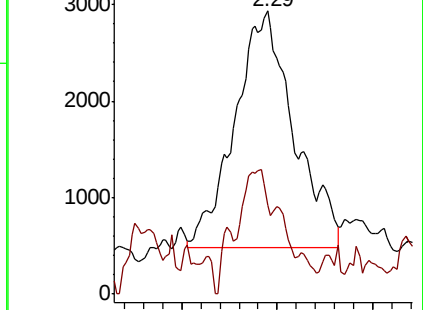
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.215 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.04 min

Lab File: VV014054.D

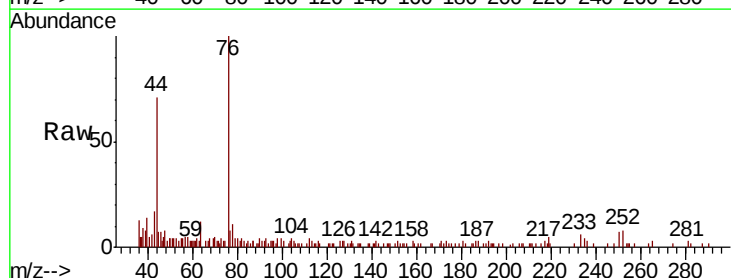
Acq: 13 Dec 2019 15:26

Tgt Ion: 76 Resp: 9603

Ion Ratio Lower Upper

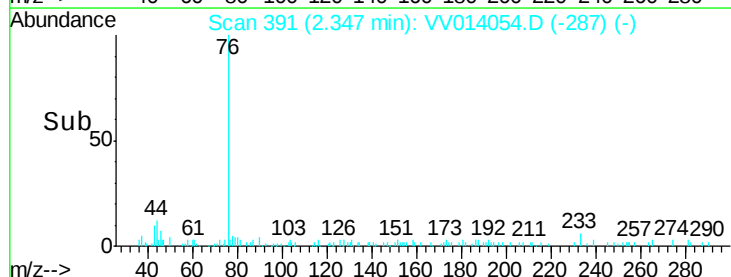
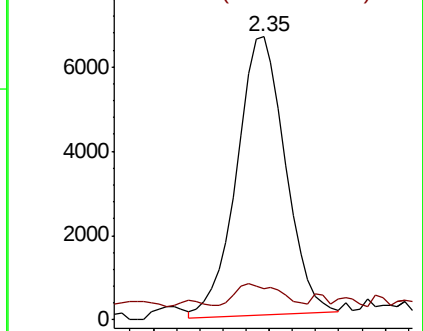
76 100

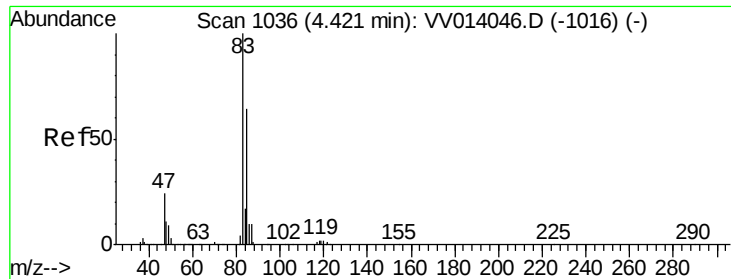
78 11.2 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#25
 Chloroform
 Concen: 0.518 ug/L
 RT: 4.45 min Scan# 1046
 Delta R.T. 0.03 min
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Tot Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.1	83.7

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