

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013308.D
 Acq On : 23 Oct 2019 20:59
 Operator : SY/MD
 Sample : K5395-17
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0050

Manual Integrations
 APPROVED

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 10/24/2019 10:46:04 AM

Quant Time: Oct 24 04:34:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 04:17:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1223423	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1176953	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	529602	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	370965	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.48%
7) Chloroethane-d5	1.58	69	308720	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.13	63	462486	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.94%
21) 2-Butanone-d5	3.95	46	470054	86.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.50%
24) Chloroform-d	4.40	84	826042	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
26) 1,2-Dichloroethane-d4	5.08	65	503584	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.10	84	1710448	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	532963	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.00%
41) Toluene-d8	7.36	98	1497378	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloropropene-	7.66	79	227503	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.13	63	319420	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	677458	45.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	624766	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	8227m	2.049	ug/L	
25) Chloroform	4.42	83	384419	24.321	ug/L	97
38) Bromodichloromethane	6.55	83	58306	4.917	ug/L	95
49) Dibromochloromethane	8.29	129	9554	0.951	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	8245	0.712	ug/L	99

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

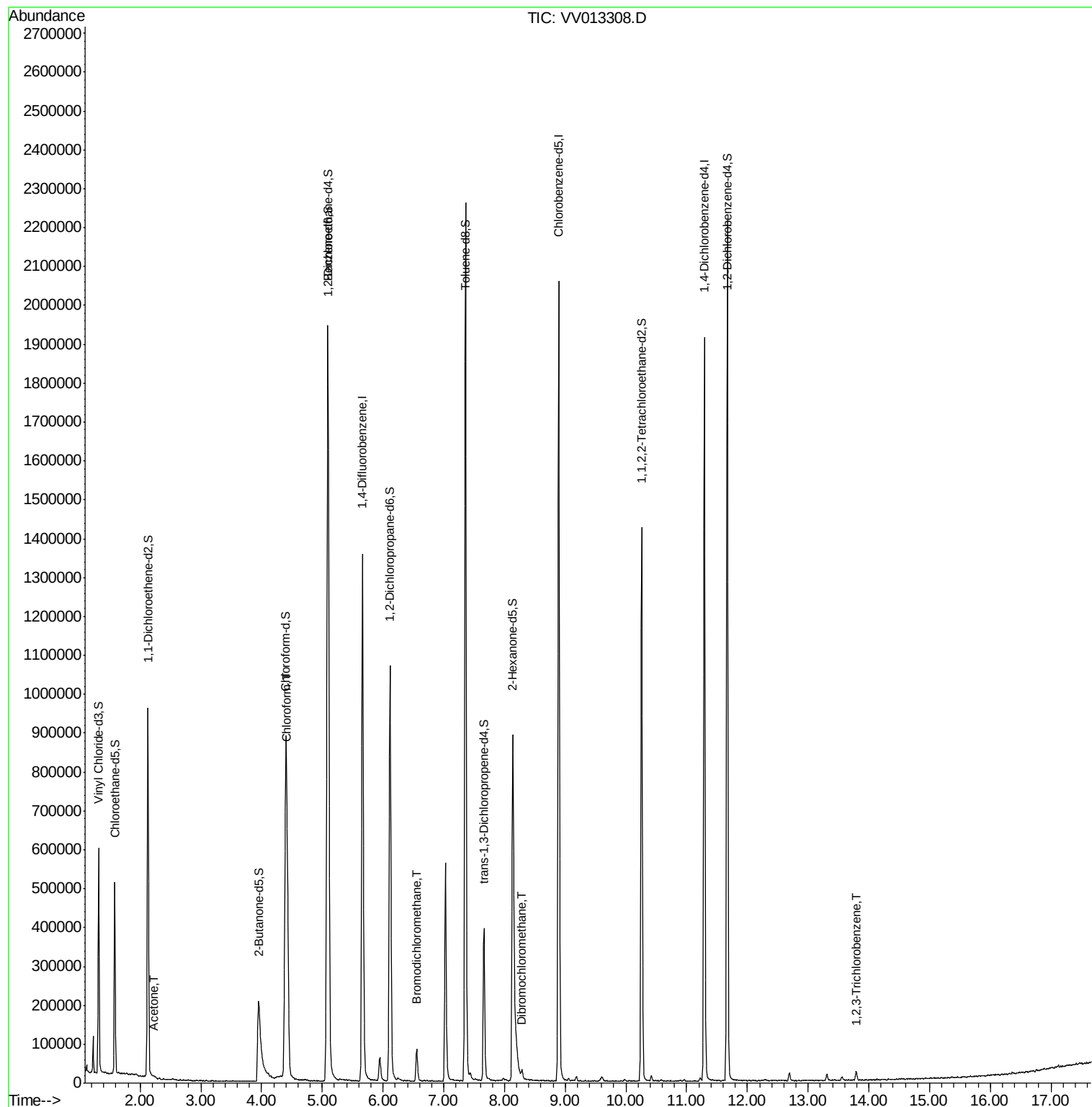
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102319\
Data File : VV013308.D
Acq On : 23 Oct 2019 20:59
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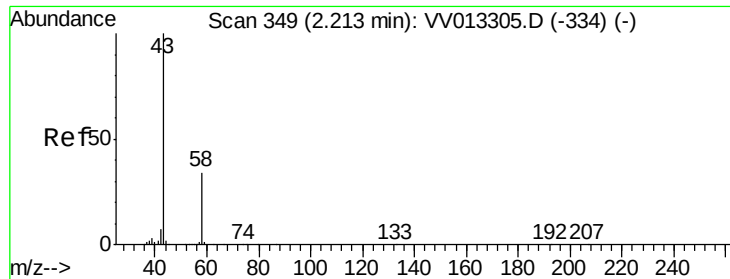
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.049 ug/L m

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV013308.D

Acq: 23 Oct 2019 20:59

Instrument :

MSVOA_V

ClientSampled :

C0050

Tot Ion: 43 Resp: 8227

Ion Ratio Lower Upper

43 100

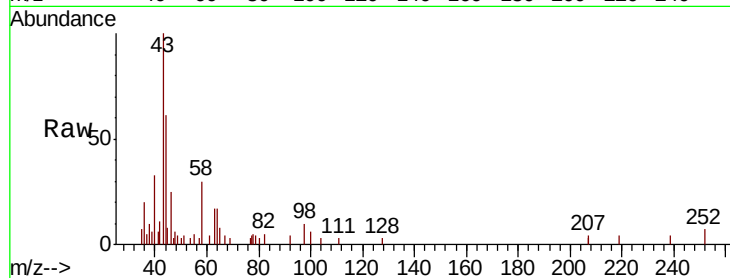
58 32.2 0.0 64.0

Manual Integrations

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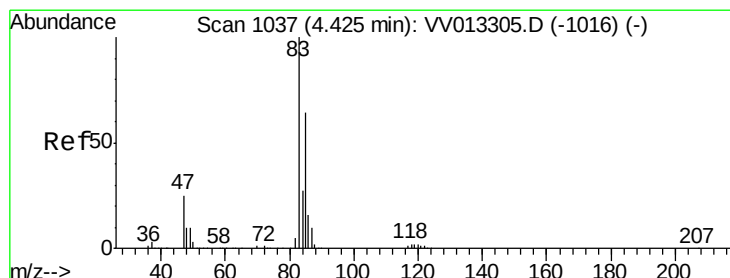
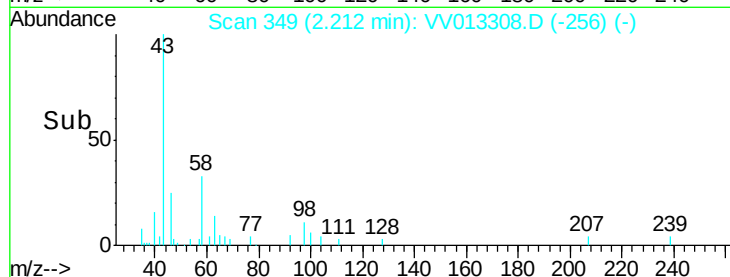
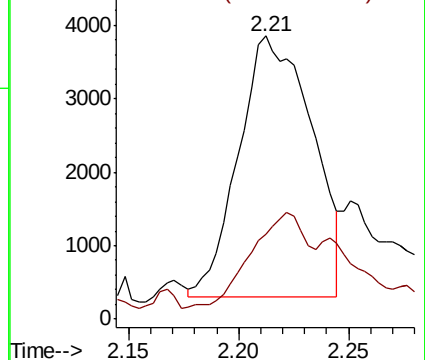
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 24.321 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV013308.D

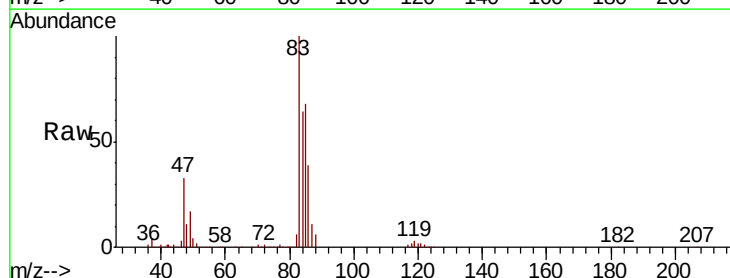
Acq: 23 Oct 2019 20:59

Tgt Ion: 83 Resp: 384419

Ion Ratio Lower Upper

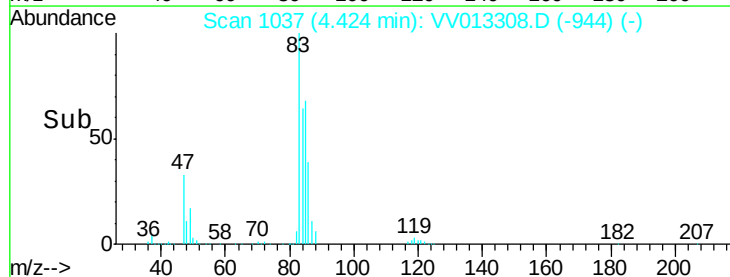
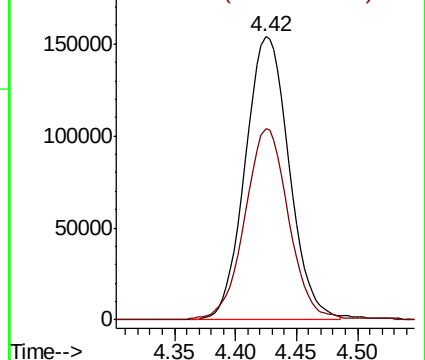
83 100

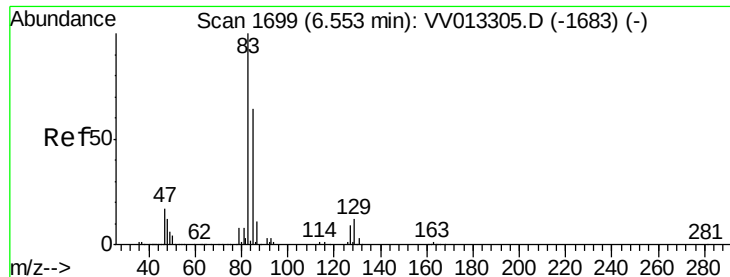
85 67.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#38

Bromodichloromethane

Concen: 4.917 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV013308.D

Acq: 23 Oct 2019 20:59

Instrument :

MSVOA_V

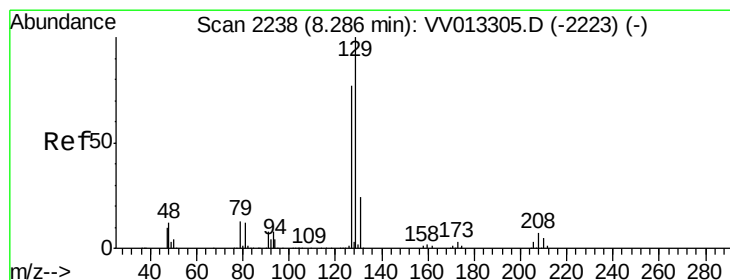
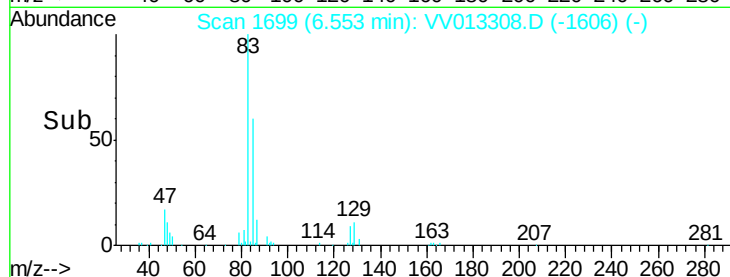
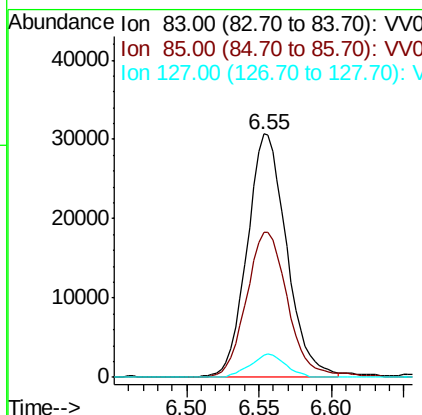
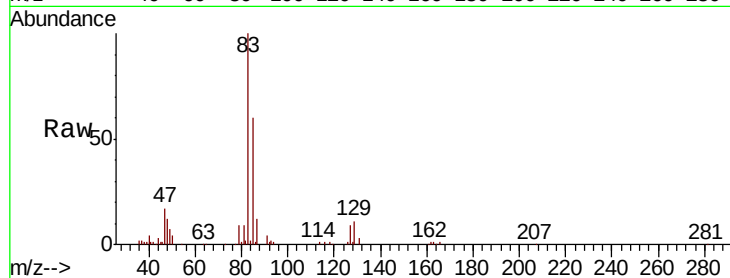
ClientSampleId :

C0050

Tot Ion:	83	Resp:	58306
Ion Ratio	Lower	Upper	
83	100		
85	59.5	44.6	82.8
127	9.2	7.4	11.2

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#49

Dibromochloromethane

Concen: 0.951 ug/L

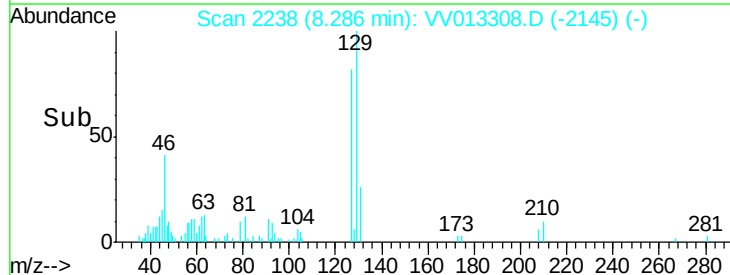
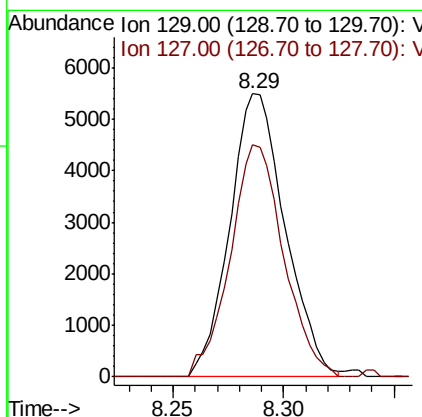
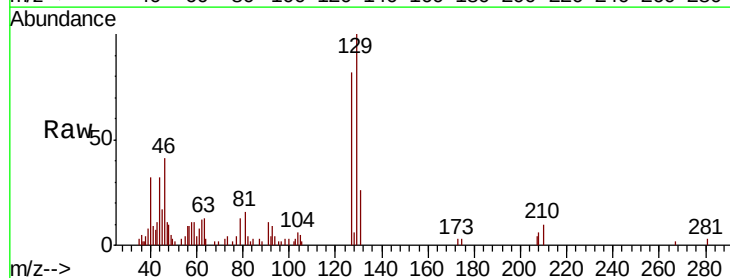
RT: 8.29 min Scan# 2238

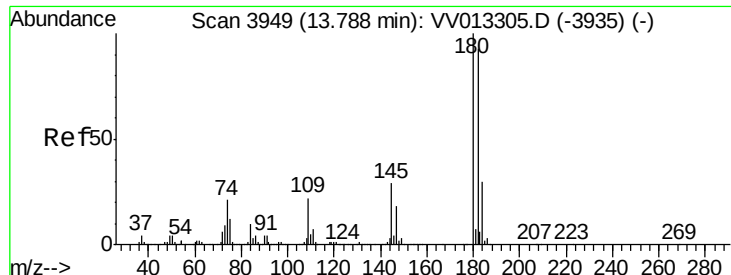
Delta R.T. -0.00 min

Lab File: VV013308.D

Acq: 23 Oct 2019 20:59

Tgt Ion:	129	Resp:	9554
Ion Ratio	Lower	Upper	
129	100		
127	81.8	54.7	101.5





#70
 1,2,3-Trichlorobenzene
 Concen: 0.712 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013308.D
 Acq: 23 Oct 2019 20:59

Instrument :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.6
145	29.1	23.4	35.2

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