

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121020\
 Data File : VY003722.D
 Acq On : 10 Dec 2020 16:31
 Operator : SY/MD
 Sample : L4980-05
 Misc : 6.26G/10ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1F0

Quant Time: Dec 11 01:34:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 00:47:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	227223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	211205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	91393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	56778	17.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.68%
7) Chloroethane-d5	2.77	69	48139	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	3.86	63	88729	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	6.90	46	47498	41.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.92%
24) Chloroform-d	7.49	84	124186	21.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	8.15	65	72636	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.12	84	265809	21.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.96%
33) 1,2-Dichloropropane-d6	9.12	67	80786	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.32%
37) Toluene-d8	10.18	98	240277	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.68%
38) trans-1,3-Dichloropropene-	10.44	79	38612	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.79	63	42933	47.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.72%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	70806	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.72	152	78301	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

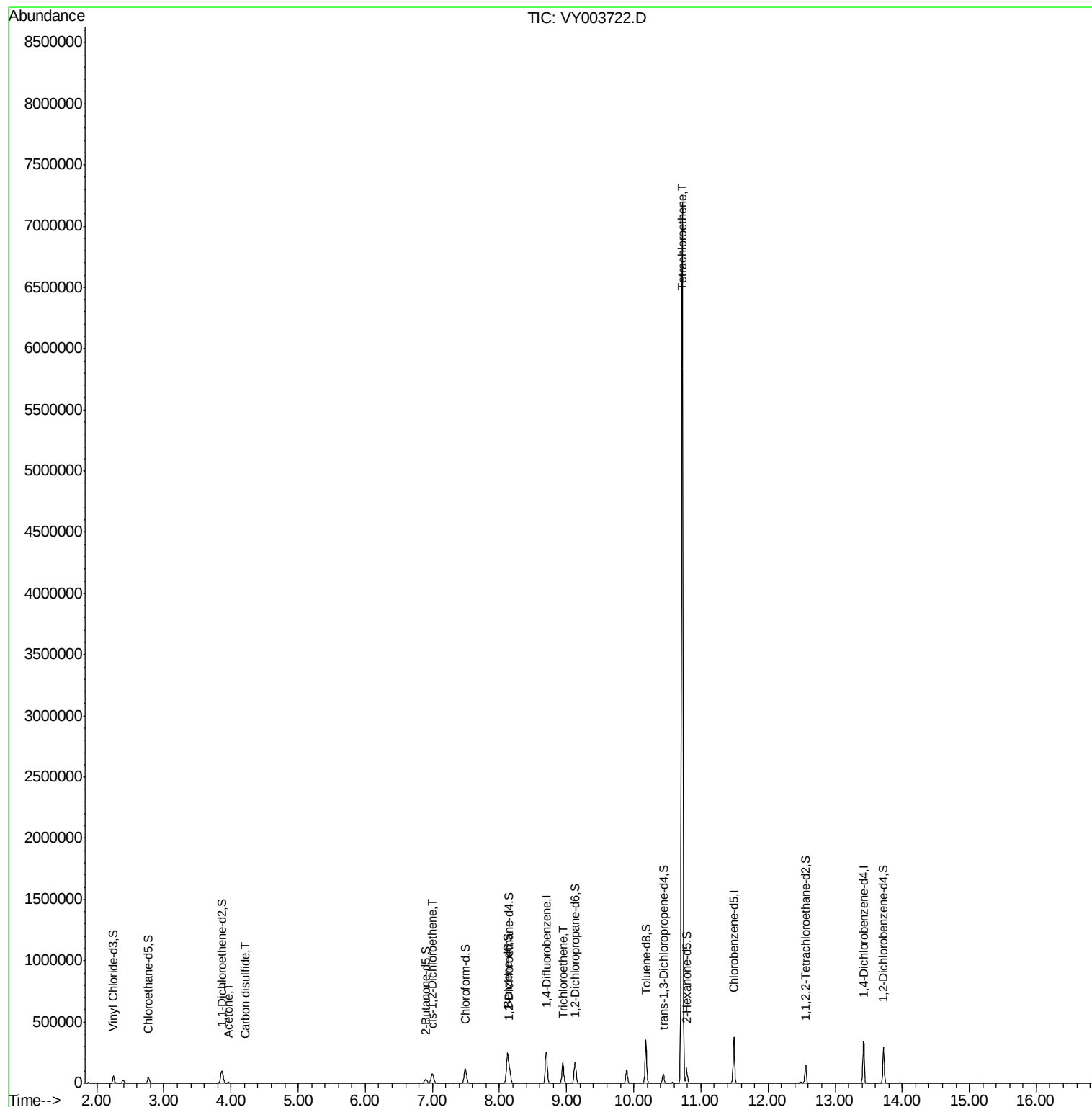
					Ovalue
13) Acetone	3.97	43	5829	6.942	ug/L 97
14) Carbon disulfide	4.20	76	2354	0.260	ug/L # 76
22) cis-1,2-Dichloroethene	7.00	96	50927	15.608	ug/L 91
35) Trichloroethene	8.94	95	52383	15.792	ug/L 98
47) Tetrachloroethene	10.72	164	1500750	580.946	ug/L 93

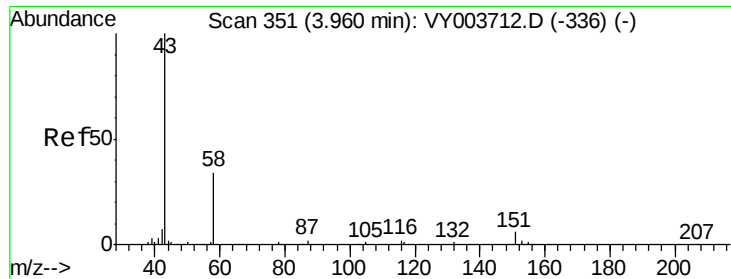
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.942 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003722.D

Acq: 10 Dec 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

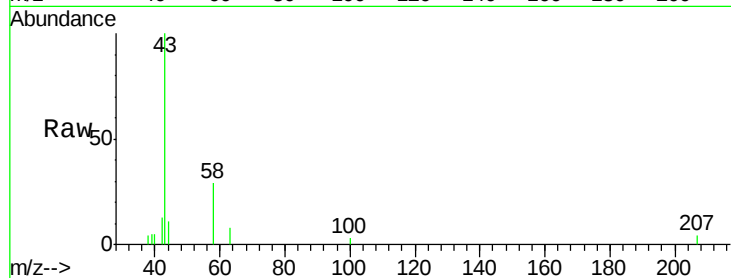
GB1F0

Tot Ion: 43 Resp: 5829

Ion Ratio Lower Upper

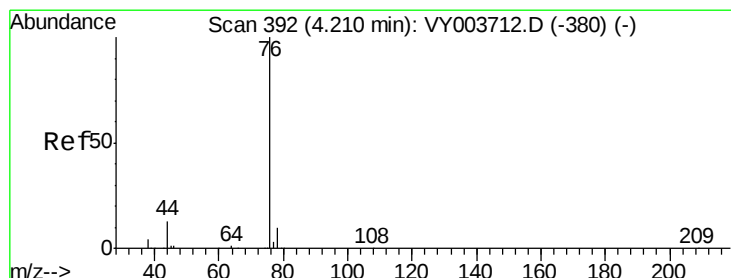
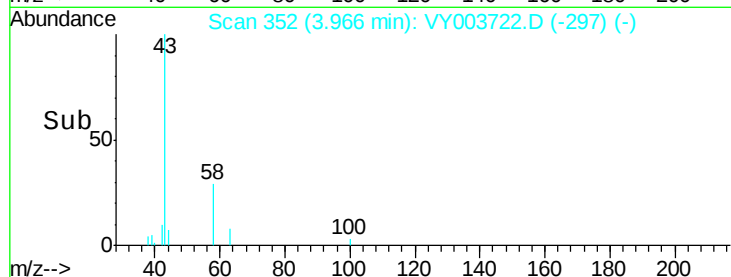
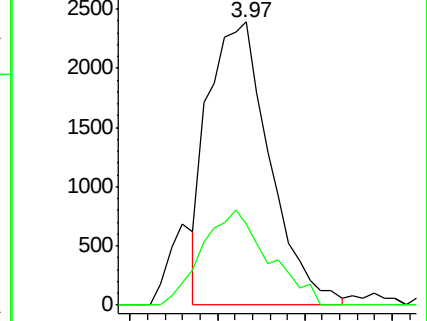
43 100

58 36.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 0.260 ug/L

RT: 4.20 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY003722.D

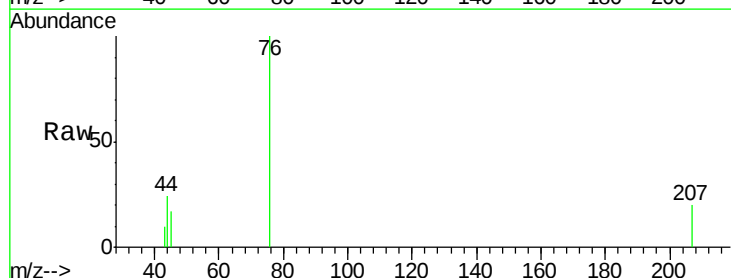
Acq: 10 Dec 2020 16:31

Tgt Ion: 76 Resp: 2354

Ion Ratio Lower Upper

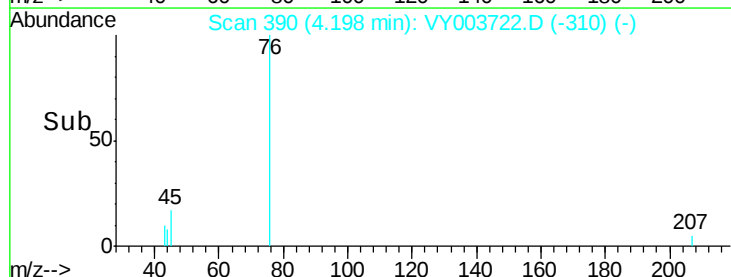
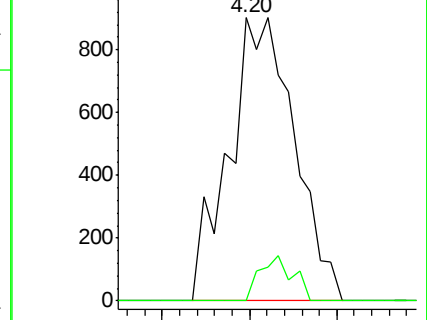
76 100

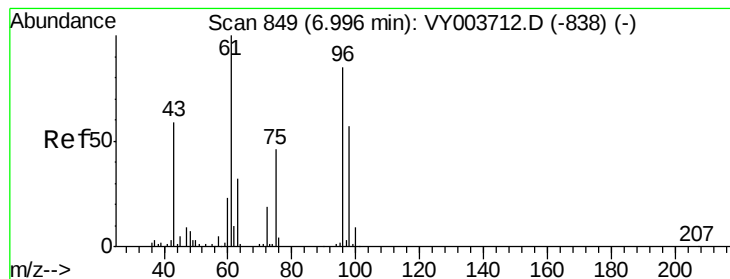
78 0.0 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0



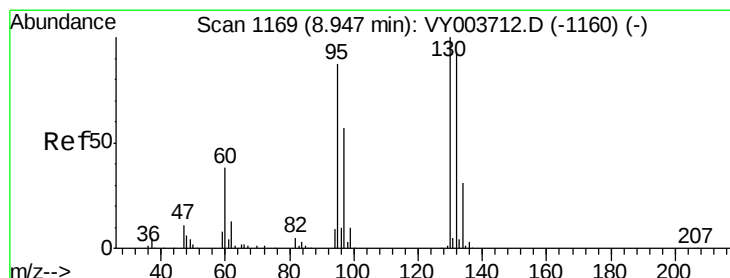
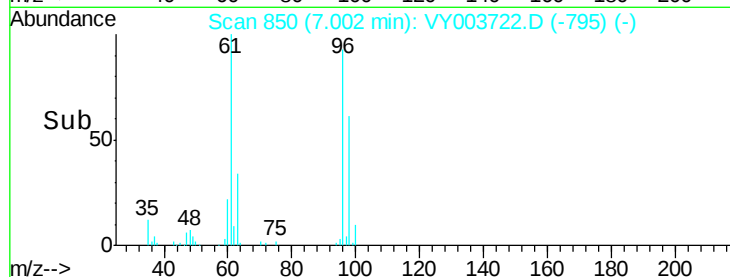
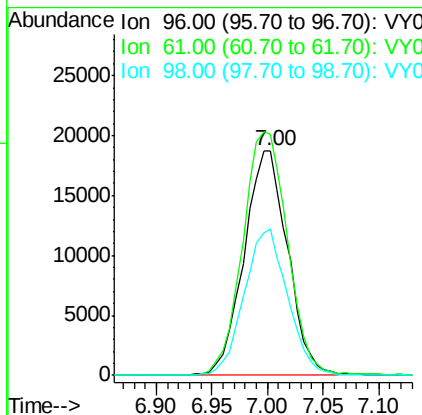
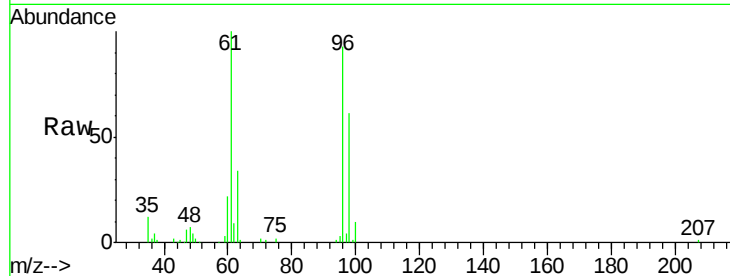


#22

cis-1,2-Dichloroethene
Concen: 15.608 ug/L
RT: 7.00 min Scan# 850
Delta R.T. 0.01 min
Lab File: VY003722.D
Acq: 10 Dec 2020 16:31

Instrument :
MSVOA_Y
ClientSampled :
GB1F0

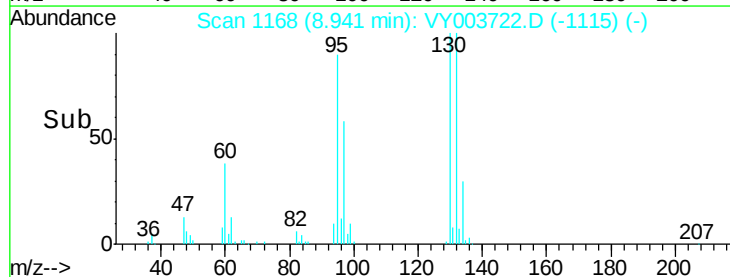
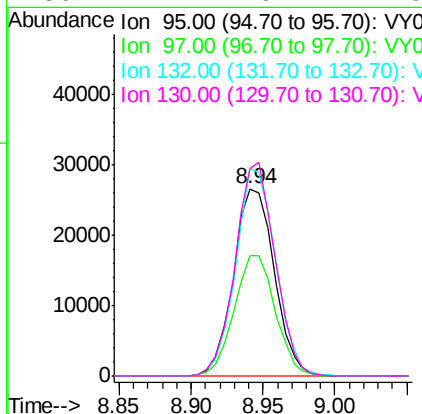
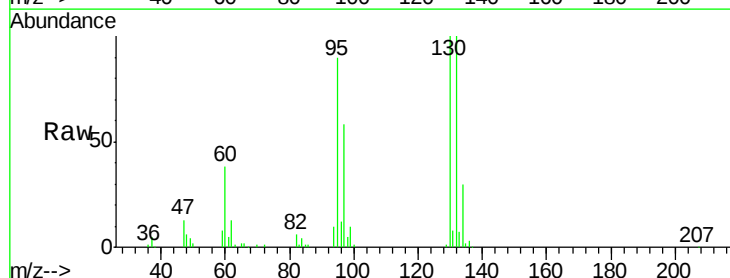
Tot Ion	96	Resp	50927
Ion	Ratio	Lower	Upper
96	100		
61	107.2	85.8	159.4
98	65.4	46.5	86.3

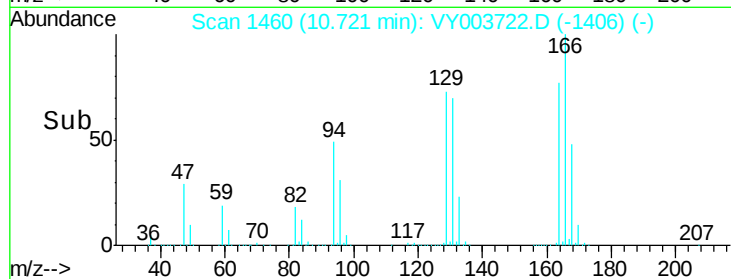
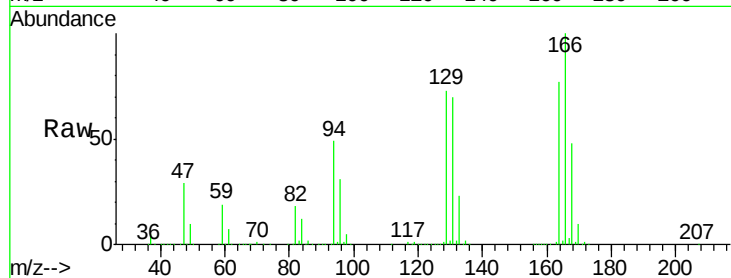
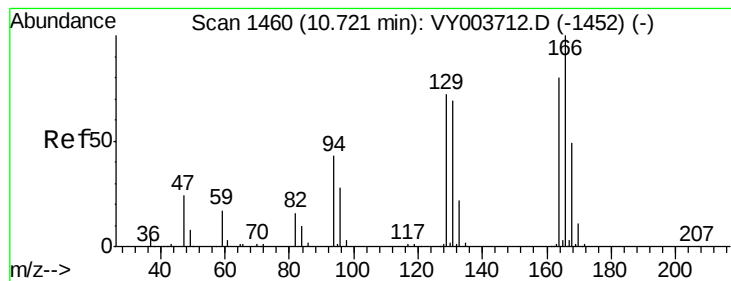


#35

Trichloroethene
Concen: 15.792 ug/L
RT: 8.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: VY003722.D
Acq: 10 Dec 2020 16:31

Tgt Ion	95	Resp	52383
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.0
132	108.4	74.2	137.8
130	111.2	76.2	141.6





#47

Tetrachloroethene

Concen: 580.946 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. 0.00 min

Lab File: VY003722.D

Acq: 10 Dec 2020 16:31

Instrument :

MSVOA_Y

ClientSampleId :

GB1F0

Tot Ion:164 Resp: 1500750

Ion Ratio Lower Upper

164 100

129 94.8 59.6 110.6

131 91.2 57.9 107.5

166 129.9 93.2 173.2

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

