

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017579.D
 Acq On : 07 Dec 2020 15:05
 Operator : SY/VA
 Sample : L4955-09
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4K4

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 9:27:45 AM

Quant Time: Dec 20 04:54:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	431368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99691	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.28%
7) Chloroethane-d5	2.89	69	89124	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.03	63	180849m	14.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.24%
20) 2-Butanone-d5	7.09	46	61012	50.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.98%
24) Chloroform-d	7.65	84	267744	21.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	8.31	65	143167	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.24%
29) Benzene-d6	8.27	84	507836	20.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.88%
33) 1,2-Dichloropropane-d6	9.27	67	152324	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.32	98	454067	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.36%
38) trans-1,3-Dichloropropene-	10.58	79	61370	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.00%
39) 2-Hexanone-d5	10.93	63	42200	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114026	23.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	144236	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds

					Ovalue
13) Acetone	4.14	43	20859	18.115 ug/L	94
14) Carbon disulfide	4.39	76	19383	1.133 ug/L #	92
16) Methylene chloride	4.92	84	30716	4.743 ug/L	92
35) Trichloroethene	9.09	95	96885	14.767 ug/L	98
47) Tetrachloroethene	10.87	164	1696194	303.438 ug/L	95

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

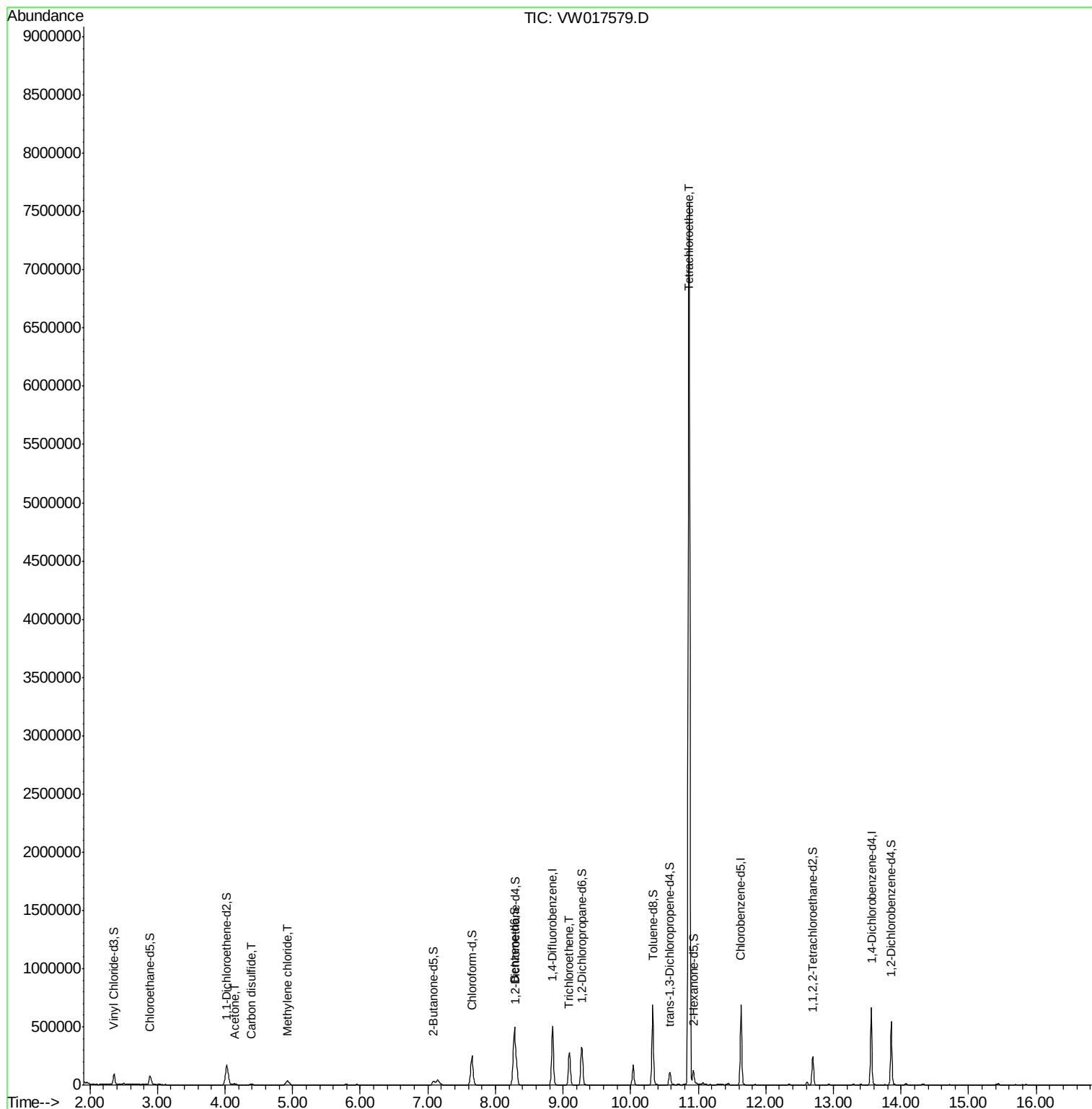
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120720\
Data File : VW017579.D
Acq On : 07 Dec 2020 15:05
Operator : SY/VA
Sample : L4955-09
Misc : 5.63G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

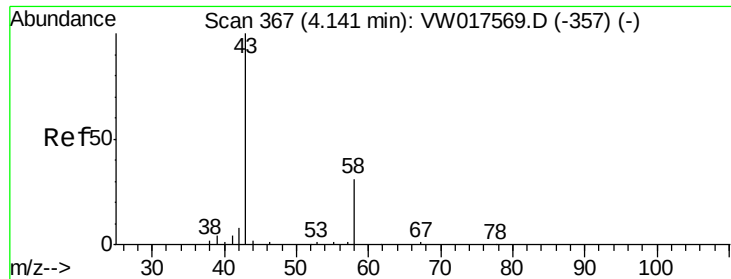
Instrument :
MSVOA_W
ClientSampleId :
BG4K4

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sun Dec 20 03:53:49 2020
Response via : Initial Calibration





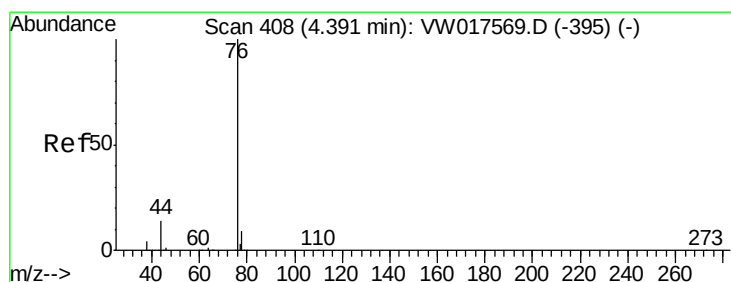
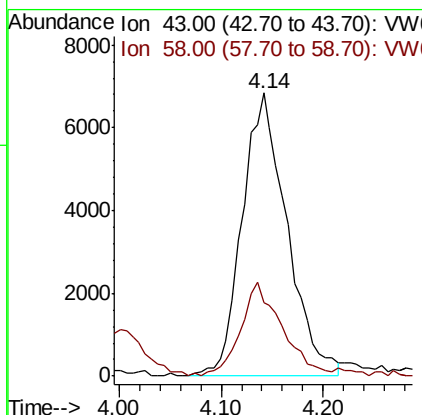
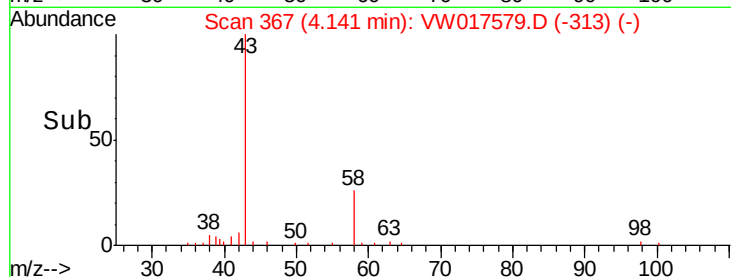
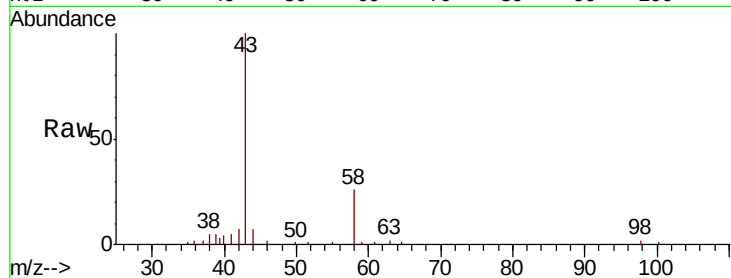
#13
Acetone
Concen: 18.115 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW017579.D
Acq: 07 Dec 2020 15:05

Instrument :
MSVOA_W
ClientSampleId :
BG4K4

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	68.4

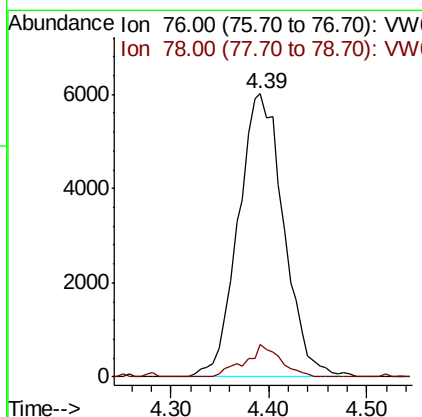
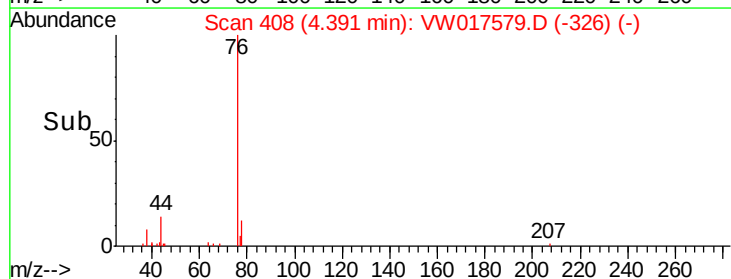
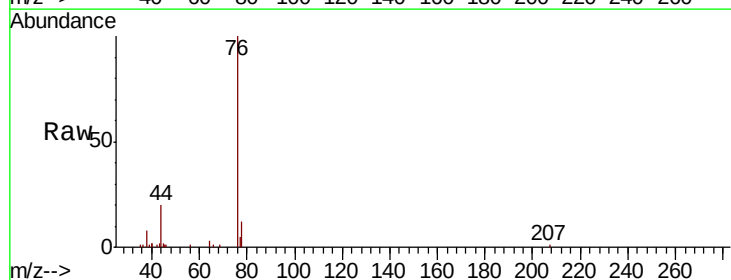
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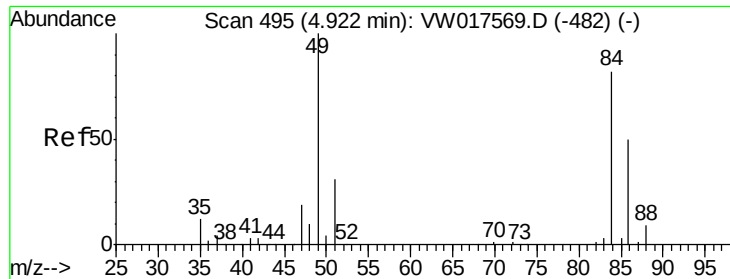
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#14
Carbon disulfide
Concen: 1.133 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW017579.D
Acq: 07 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.6	7.0	10.4#





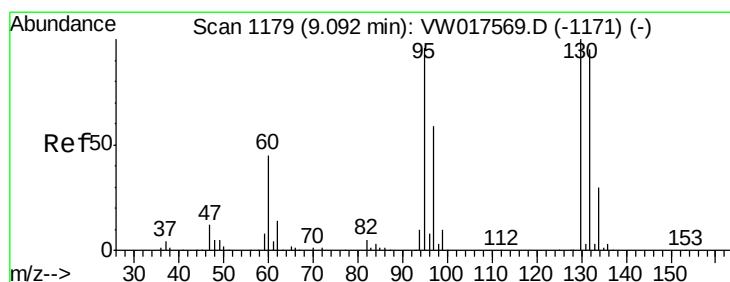
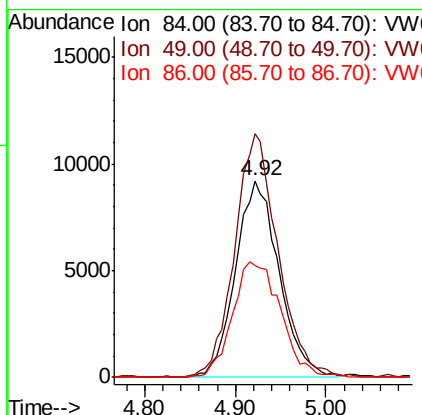
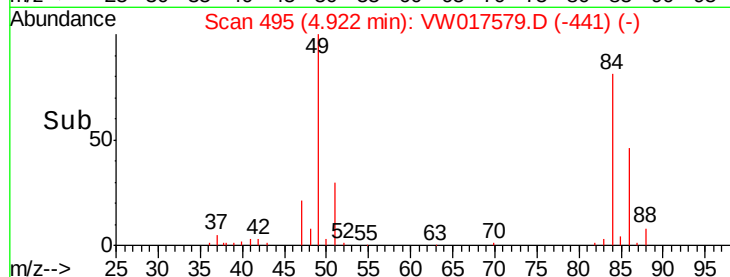
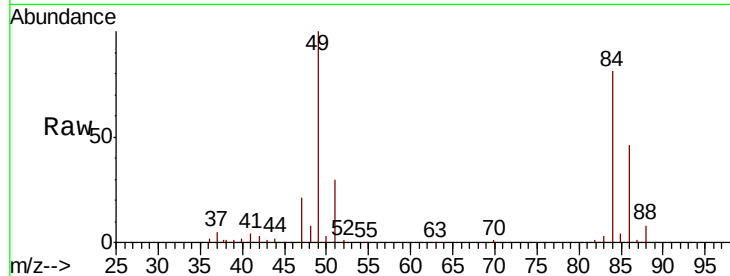
#16
Methylene chloride
Concen: 4.743 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017579.D
Acq: 07 Dec 2020 15:05

Instrument :
MSVOA_W
ClientSampleId :
BG4K4

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.1	81.2	150.8
86	57.2	44.5	82.7

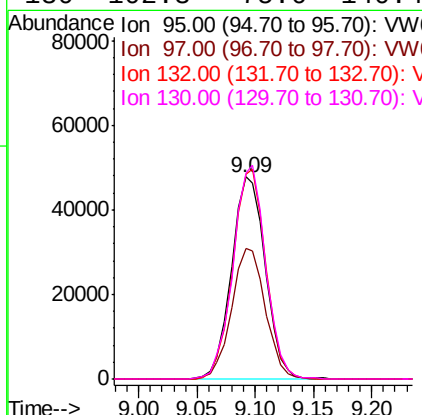
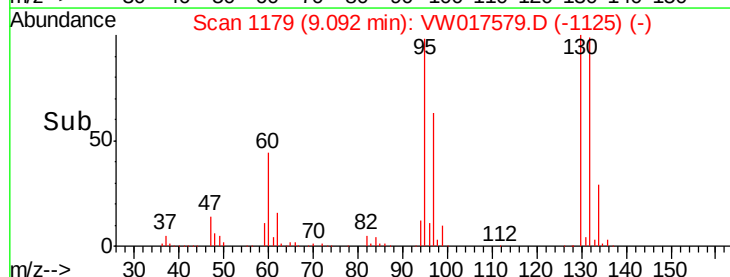
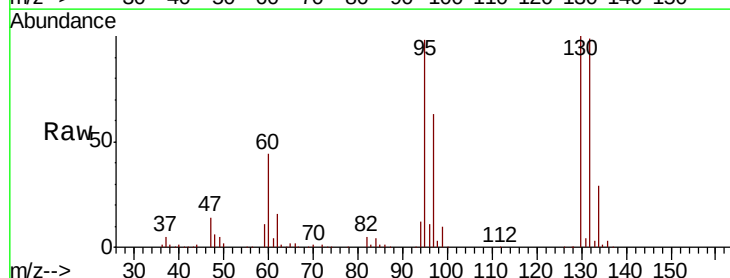
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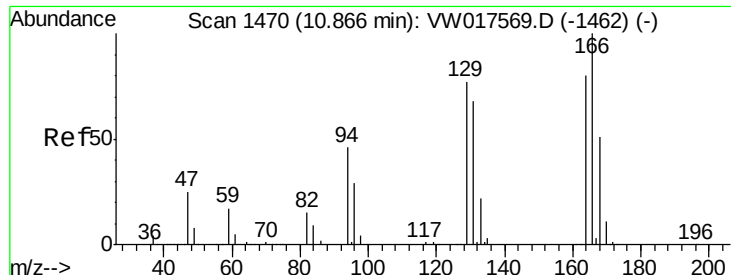
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#35
Trichloroethene
Concen: 14.767 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW017579.D
Acq: 07 Dec 2020 15:05

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	100.8	71.0	131.8
130	102.3	75.6	140.4





#47
Tetrachloroethene
Concen: 303.438 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017579.D
Acq: 07 Dec 2020 15:05

Instrument :
MSVOA_W
ClientSampleId :
BG4K4

Tot Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.6	125.6
131	90.2	65.2	121.2
166	125.6	93.2	173.2

Manual Integrations
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