

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017141.D
 Acq On : 10 Nov 2020 15:37
 Operator : SY/VA
 Sample : L4659-12
 Misc : 4.67G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B1

Manual Integrations
 APPROVED

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 11/12/2020 1:42:57 PM

Quant Time: Nov 11 06:19:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437405	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375241	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145282	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132283	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
7) Chloroethane-d5	2.89	69	108750	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.44%
10) 1,1-Dichloroethene-d2	4.02	63	176554	17.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.68%
20) 2-Butanone-d5	7.09	46	49426	40.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.24%
24) Chloroform-d	7.65	84	253329	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.31	65	126654	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	8.28	84	510655	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.28	67	138684	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.96%
37) Toluene-d8	10.33	98	473727	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.58	79	52955	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	38317	41.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103908	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	135439	26.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.84%

Target Compounds

					Ovalue
13) Acetone	4.14	43	10852	13.155 ug/L	98
14) Carbon disulfide	4.39	76	17340	1.174 ug/L	97
16) Methylene chloride	4.93	84	6669m	1.131 ug/L	
43) 4-Methyl-2-pentanone	10.22	43	4392	1.546 ug/L	97
47) Tetrachloroethene	10.87	164	6847	1.375 ug/L	87

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

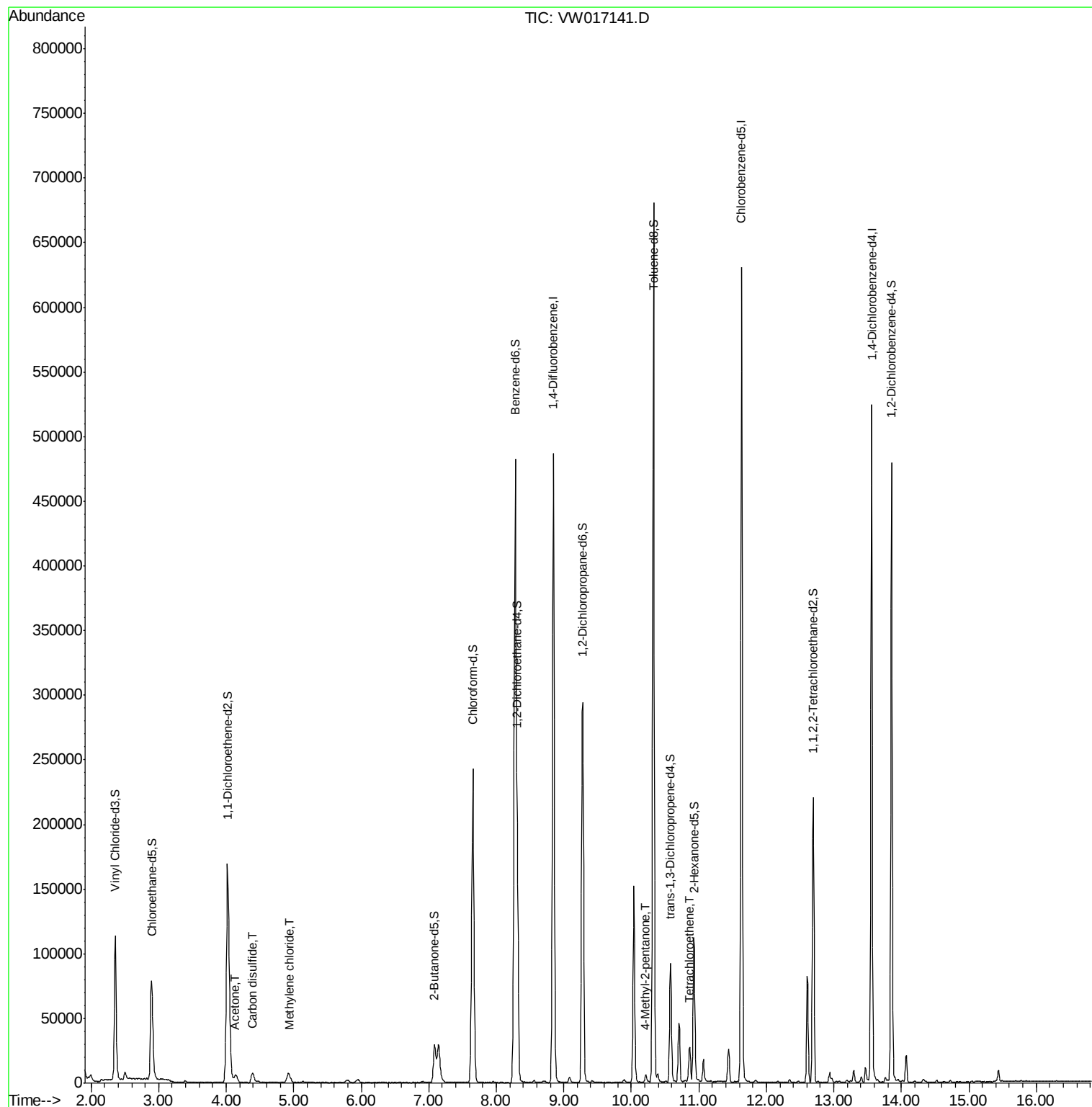
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017141.D
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ALS Vial : 16 Sample Multiplier: 1

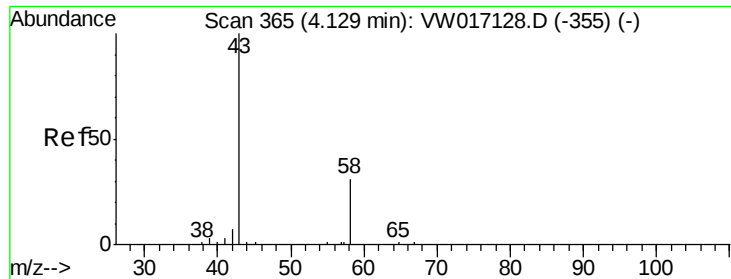
Instrument :
MSVOA_W
ClientSampleId :
BG4B1

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Quant Time: Nov 11 06:19:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.155 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017141.D

Acq: 10 Nov 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

BG4B1

Tot Ion: 43 Resp: 10852

Ion Ratio Lower Upper

43 100

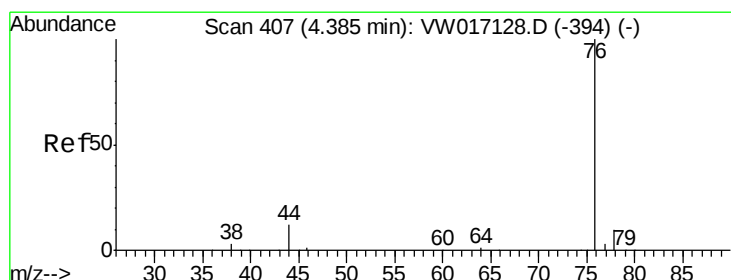
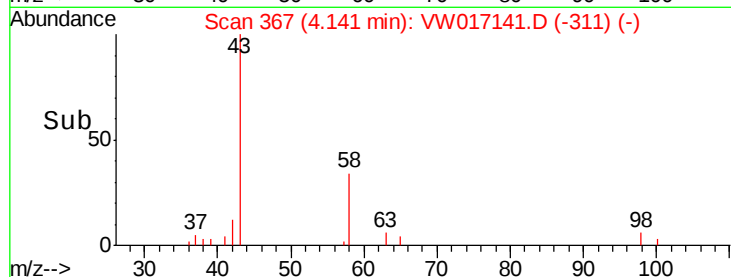
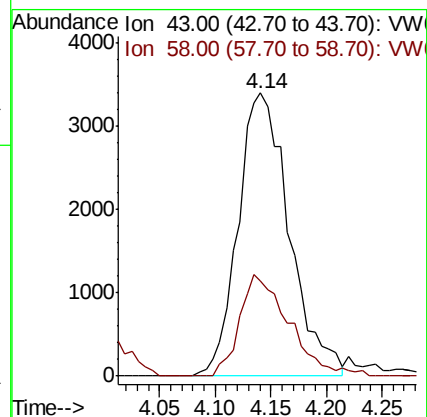
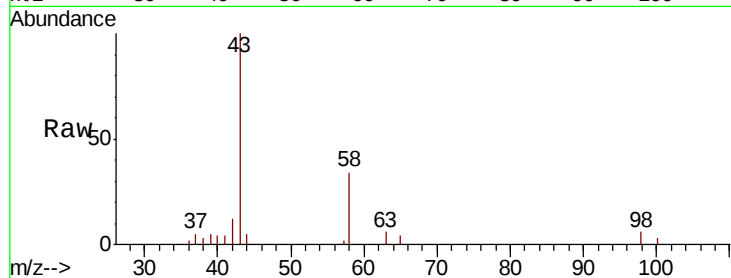
58 33.5 0.0 69.2

Manual Integrations

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#14

Carbon disulfide

Concen: 1.174 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017141.D

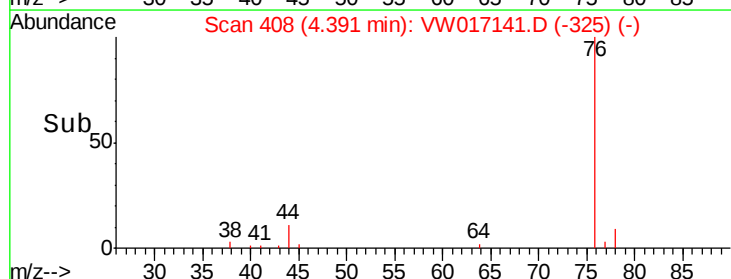
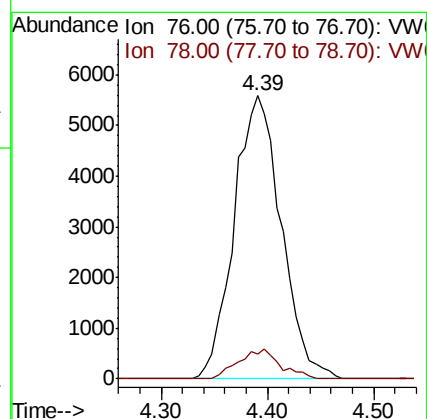
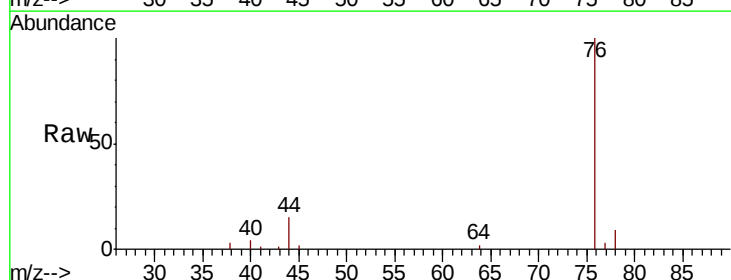
Acq: 10 Nov 2020 15:37

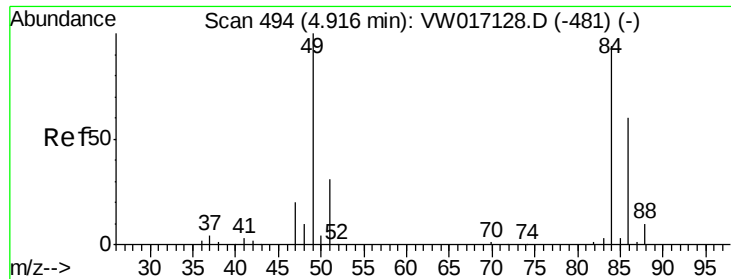
Tgt Ion: 76 Resp: 17340

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4





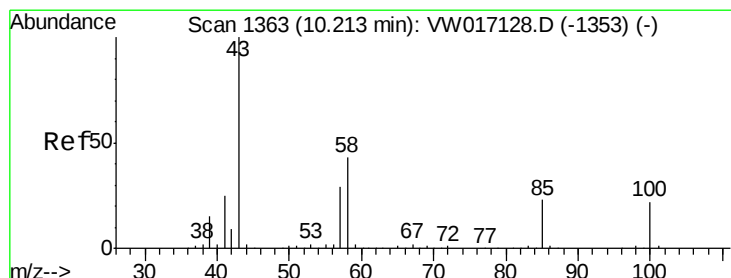
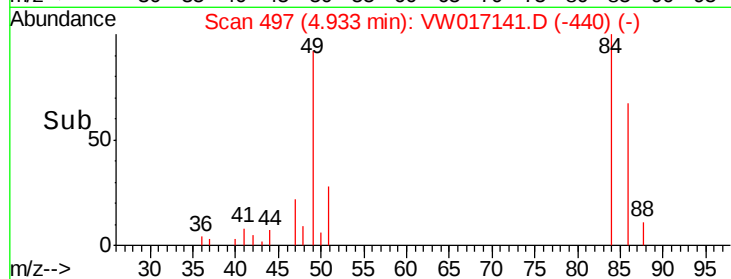
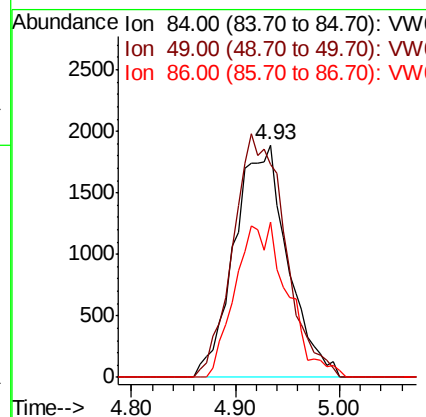
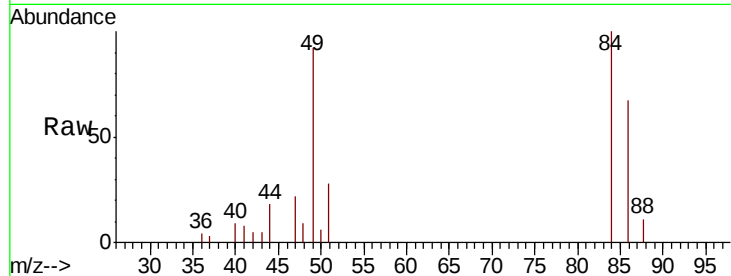
#16
Methylene chloride
Concen: 1.131 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW017141.D
Acq: 10 Nov 2020 15:37

Instrument :
MSVOA_W
ClientSampled :
BG4B1

Tot Ion	Ratio	Lower	Upper
84	100		
49	91.6	72.3	134.3
86	66.5	45.1	83.7

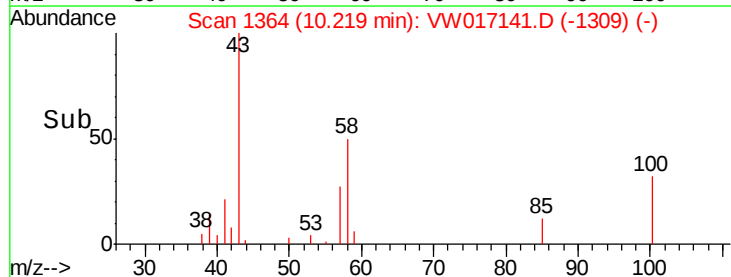
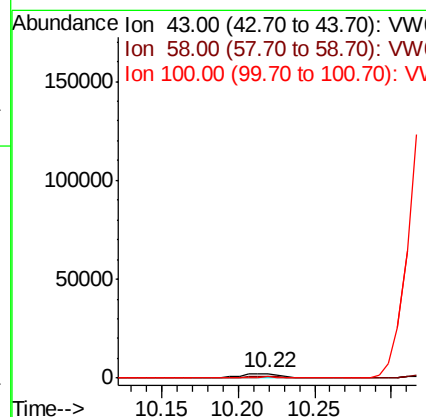
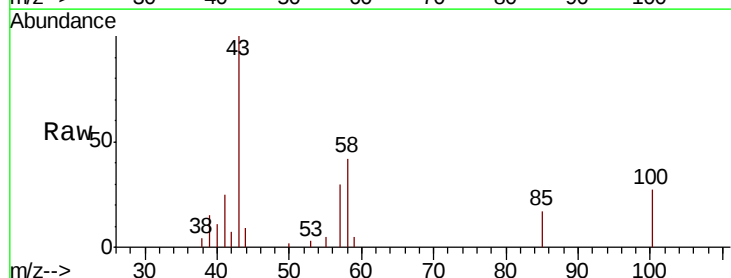
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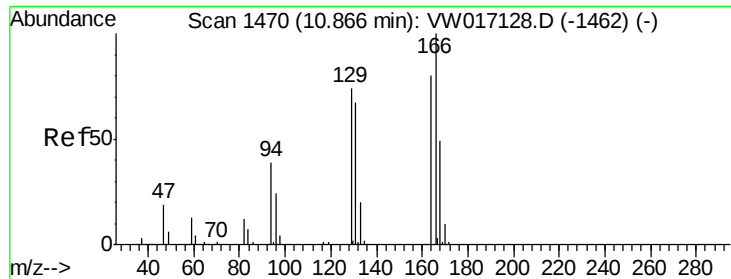
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#43
4-Methyl-2-pentanone
Concen: 1.546 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017141.D
Acq: 10 Nov 2020 15:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.7	35.0	52.6
100	20.0	16.6	24.8





#47
Tetrachloroethene
Concen: 1.375 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017141.D
Acq: 10 Nov 2020 15:37

Instrument :
MSVOA_W
ClientSampleId :
BG4B1

Tot Ion:	164	Resp:	6847
Ion	Ratio	Lower	Upper
164	100		
129	99.7	62.9	116.7
131	83.7	63.3	117.5
166	108.5	92.0	170.8

Manual Integrations
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