

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102620\
 Data File : VW016994.D
 Acq On : 26 Oct 2020 13:24
 Operator : SY/VA
 Sample : L4502-12
 Misc : 4.70G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG439

Manual Integrations
 APPROVED

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 10/27/2020 3:34:56 PM

Quant Time: Oct 27 08:46:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	355536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115743	28.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.84%
7) Chloroethane-d5	2.89	69	92115	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.88%
10) 1,1-Dichloroethene-d2	4.02	63	161480	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.08	46	63292	81.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.76%#
24) Chloroform-d	7.65	84	236314	28.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.28%
26) 1,2-Dichloroethane-d4	8.31	65	128045	33.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.72%#
29) Benzene-d6	8.27	84	485231	32.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.20%
33) 1,2-Dichloropropane-d6	9.27	67	140890	34.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.96%#
37) Toluene-d8	10.33	98	429027	30.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.32%
38) trans-1,3-Dichloropropene-	10.58	79	55248	32.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	128.40%
39) 2-Hexanone-d5	10.93	63	50119	88.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.04%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	113197	36.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	98124	30.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.32%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	7026	13.508 ug/L	93
14) Carbon disulfide	4.39	76	10745	0.762 ug/L	100
16) Methylene chloride	4.92	84	5674m	1.207 ug/L	
43) 4-Methyl-2-pentanone	10.21	43	3766	2.202 ug/L	97
47) Tetrachloroethene	10.87	164	1671	0.406 ug/L	83

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

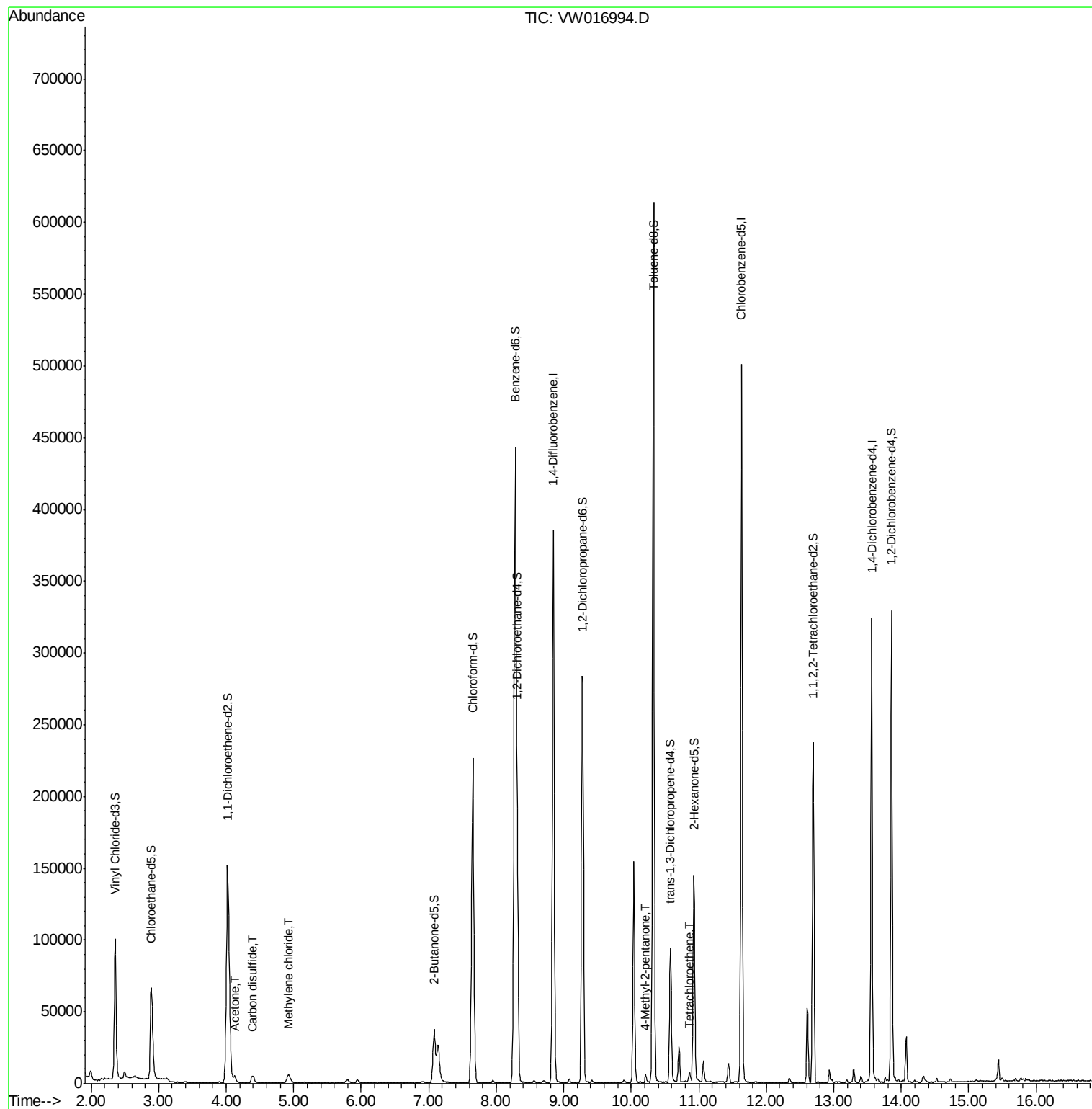
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102620\
Data File : VW016994.D
Acq On : 26 Oct 2020 13:24
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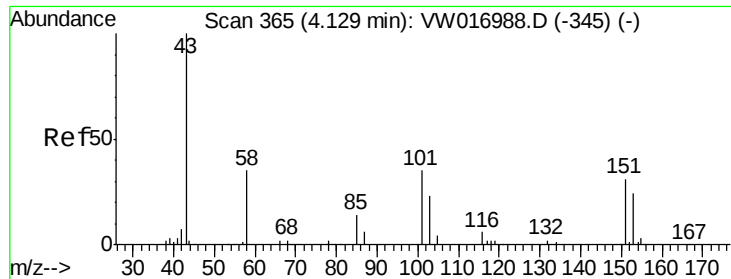
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Oct 27 08:46:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.508 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016994.D

Acq: 26 Oct 2020 13:24

Instrument :

MSVOA_W

ClientSampled :

BG439

Tot Ion: 43 Resp: 7026

Ion Ratio Lower Upper

43 100

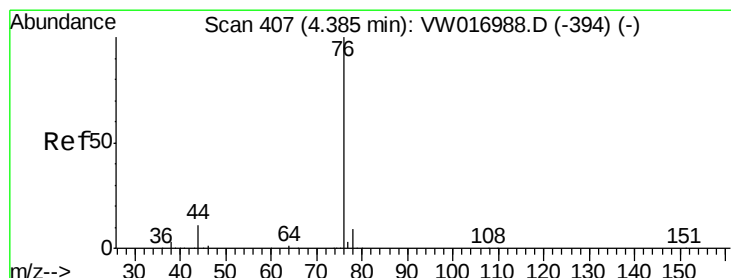
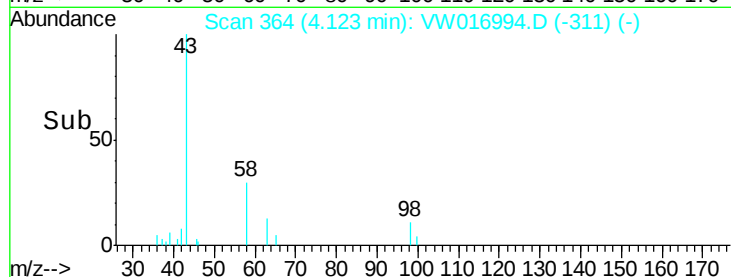
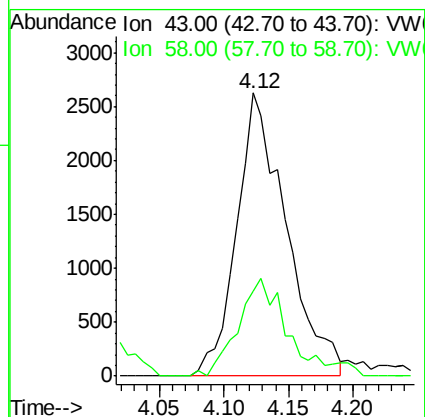
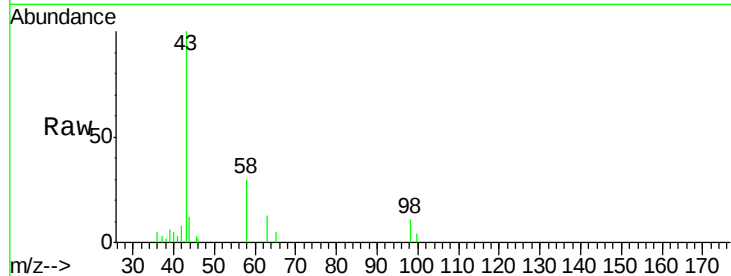
58 31.1 0.0 69.8

Manual Integrations

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#14

Carbon disulfide

Concen: 0.762 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW016994.D

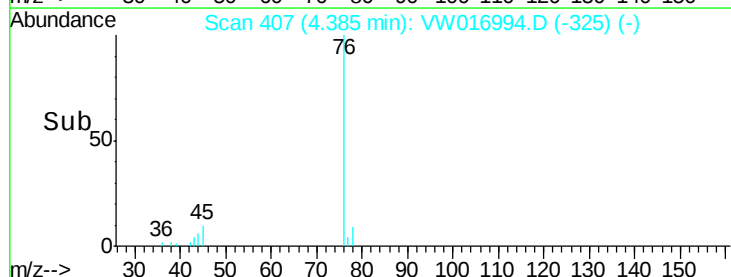
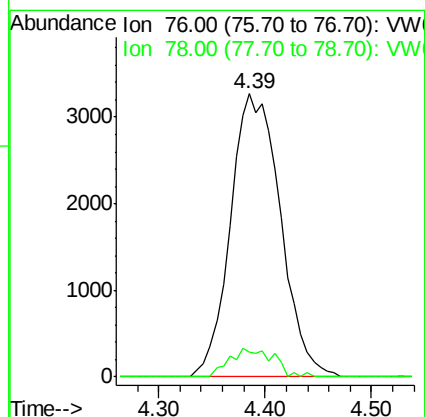
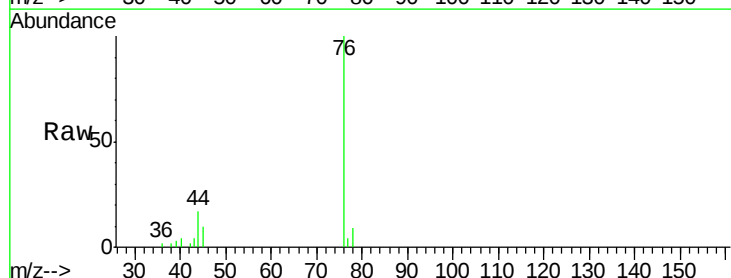
Acq: 26 Oct 2020 13:24

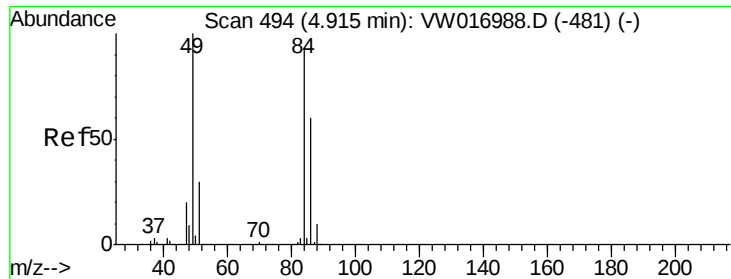
Tgt Ion: 76 Resp: 10745

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





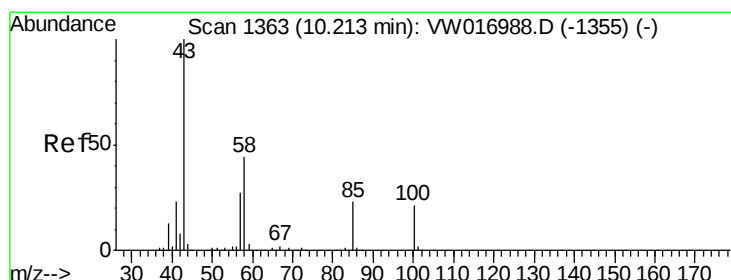
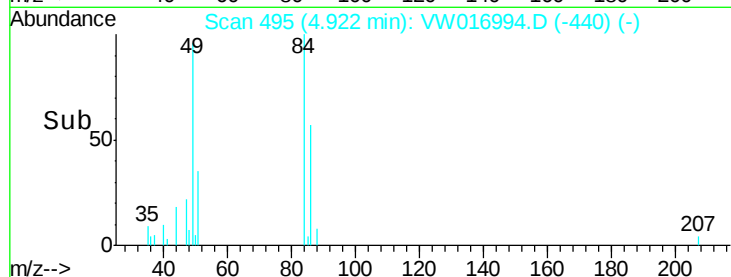
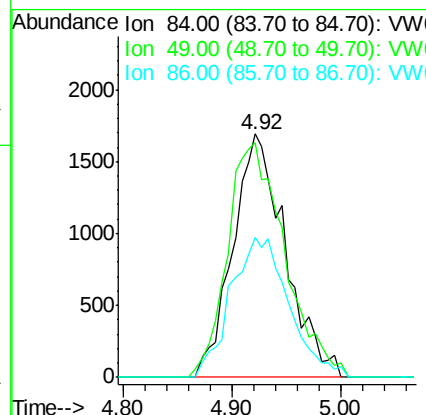
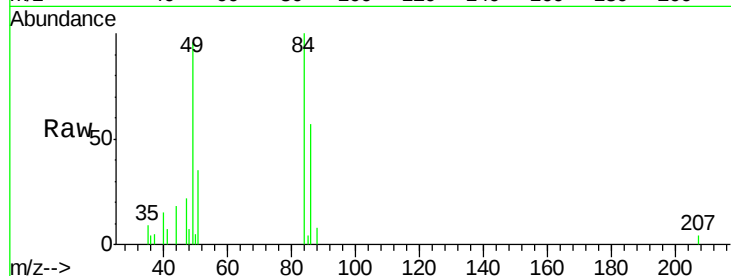
#16
Methylene chloride
Concen: 1.207 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016994.D
Acq: 26 Oct 2020 13:24

Instrument :
MSVOA_W
ClientSampled :
BG439

Tot Ion	Ratio	Lower	Upper
84	100		
49	96.5	73.8	137.0
86	57.2	47.4	88.0

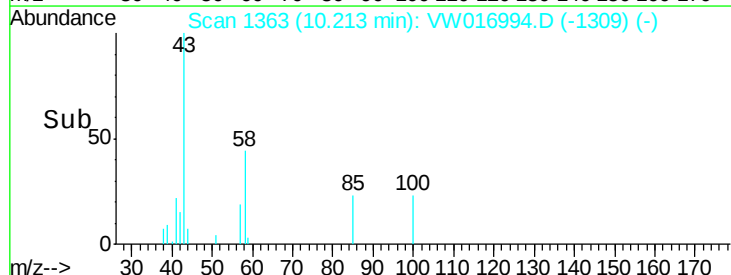
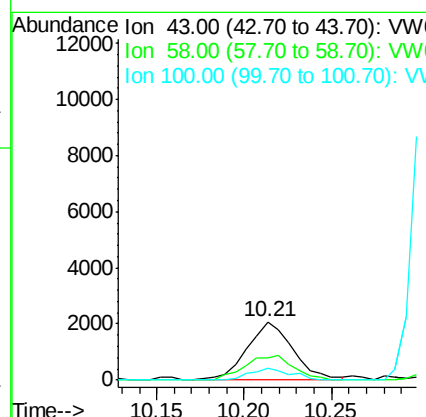
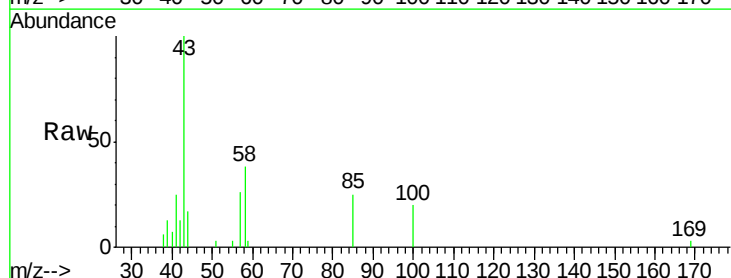
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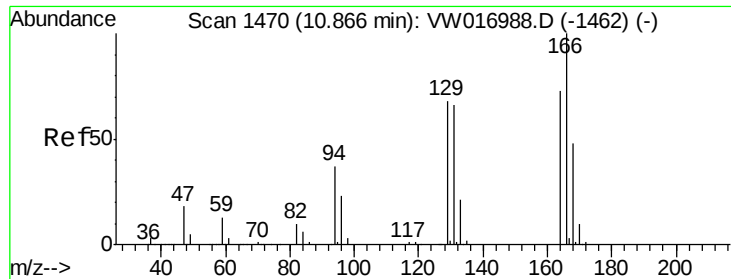
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#43
4-Methyl-2-pentanone
Concen: 2.202 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016994.D
Acq: 26 Oct 2020 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.6	34.4	51.6
100	17.9	16.2	24.2





#47
 Tetrachloroethene
 Concen: 0.406 ug/L
 RT: 10.87 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: VW016994.D
 Acq: 26 Oct 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 BG439

Tot Ion:	164	Resp:	1671
Ion	Ratio	Lower	Upper
164	100		
129	85.5	64.0	119.0
131	75.6	61.7	114.5
166	104.5	94.6	175.8

Manual Integrations
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