

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017539.D
 Acq On : 03 Dec 2020 17:33
 Operator : SY/VA
 Sample : L4920-16
 Misc : 4.52G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G2

Manual Integrations
 APPROVED

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 12/21/2020 1:35:28 PM

Quant Time: Dec 20 01:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	399173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138524	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90380	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	2.89	69	80380	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.56%
10) 1,1-Dichloroethene-d2	4.03	63	153522	13.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.52%
20) 2-Butanone-d5	7.09	46	62498	56.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.88%
24) Chloroform-d	7.65	84	241455	21.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	8.31	65	130675	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.96%
29) Benzene-d6	8.27	84	464099	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	9.27	67	138440	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	402960	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	53896	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	39098	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103753	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	112672	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

					Ovalue
13) Acetone	4.14	43	8816	8.274 ug/L	78
14) Carbon disulfide	4.40	76	8916	0.563 ug/L #	93
16) Methylene chloride	4.92	84	28880	4.819 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	7352m	1.235 ug/L	
47) Tetrachloroethene	10.87	164	15096	3.194 ug/L	93

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

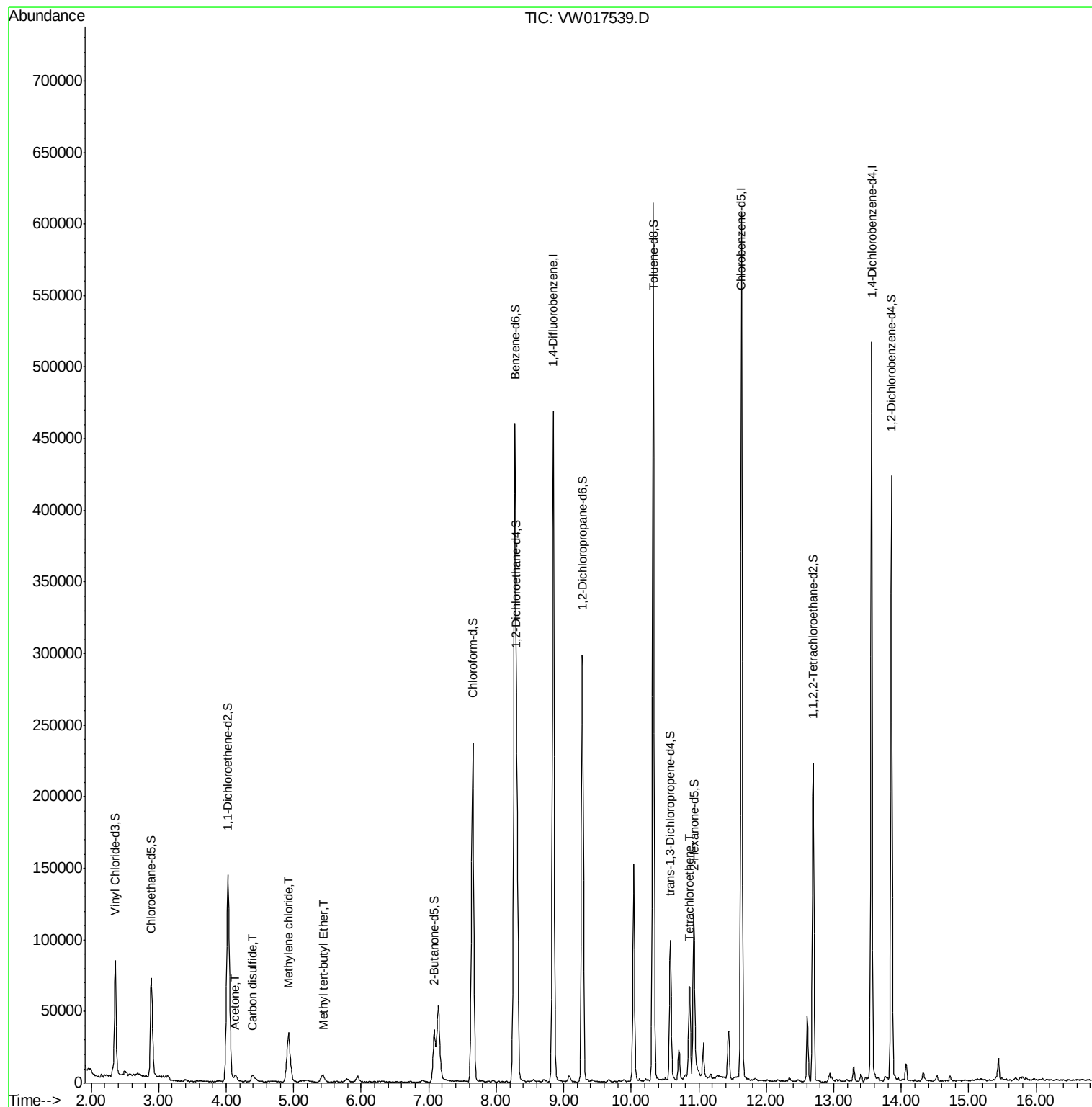
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120320\
Data File : VW017539.D
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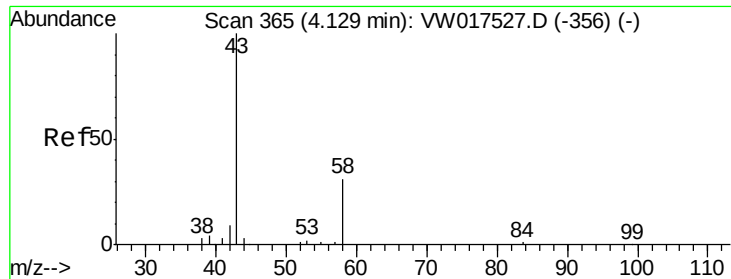
Instrument :
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ClientSampleId :
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QLast Update : Sun Dec 20 00:31:51 2020
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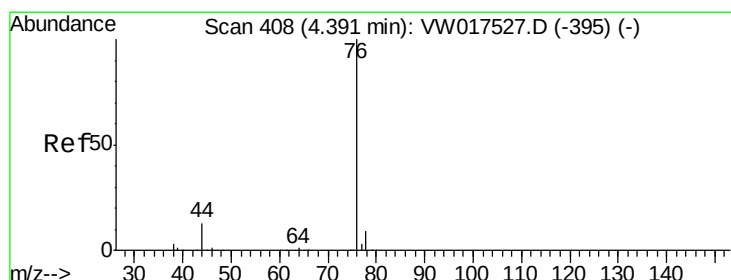
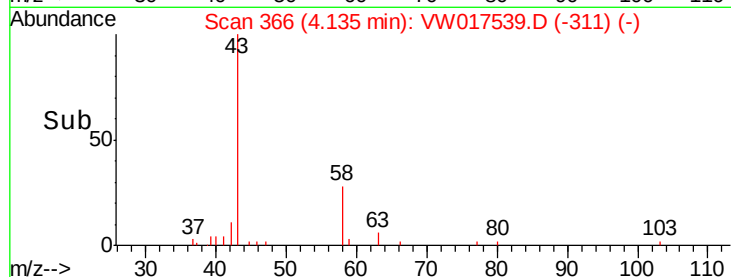
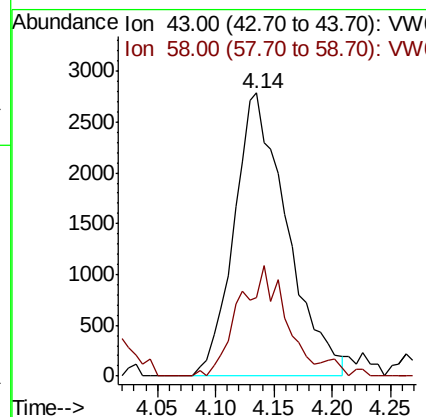
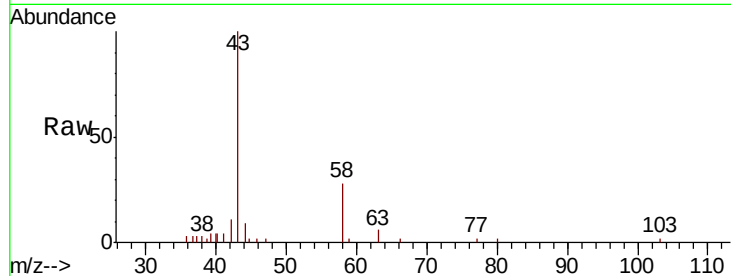
#13
Acetone
Concen: 8.274 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017539.D
Acq: 03 Dec 2020 17:33

Instrument :
MSVOA_W
ClientSampleId :
BG4G2

Tot Ion	Ratio	Lower	Upper
43	100		
58	21.3	0.0	68.4

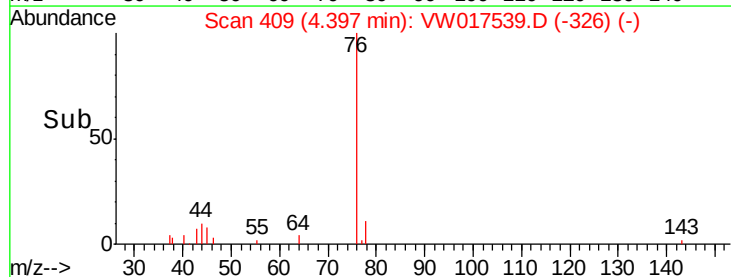
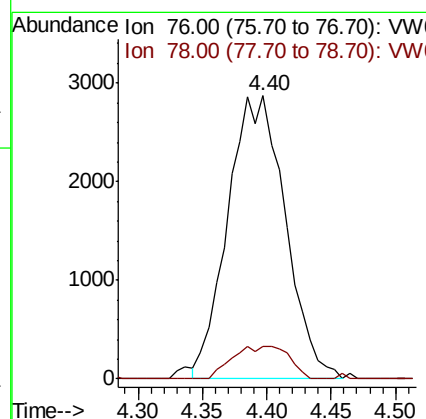
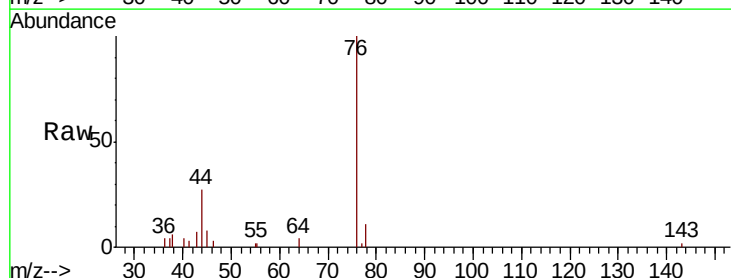
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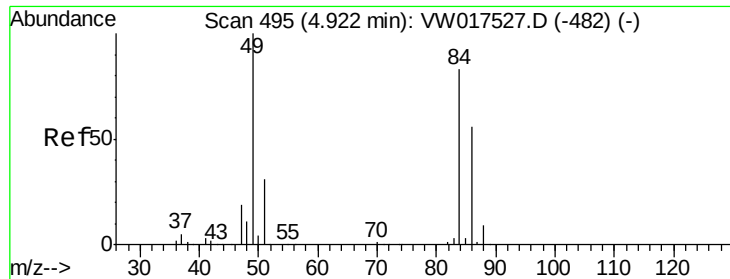
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#14
Carbon disulfide
Concen: 0.563 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW017539.D
Acq: 03 Dec 2020 17:33

Tgt Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.0	10.4#





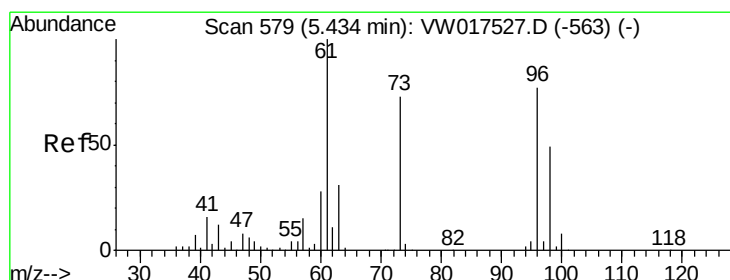
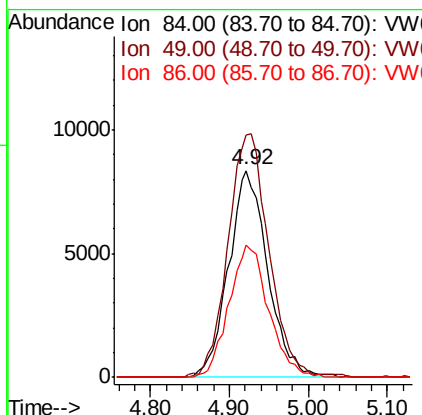
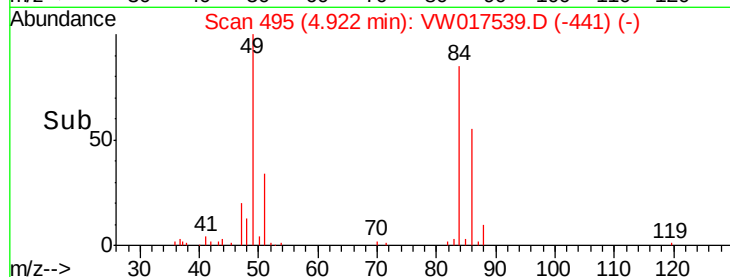
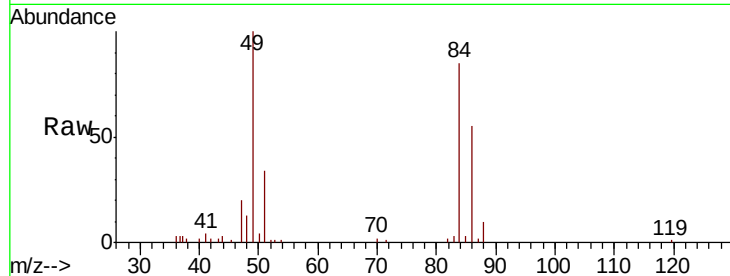
#16
Methylene chloride
Concen: 4.819 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017539.D
Acq: 03 Dec 2020 17:33

Instrument :
MSVOA_W
ClientSampleId :
BG4G2

Tot Ion	Ratio	Lower	Upper
84	100		
49	117.0	81.2	150.8
86	63.9	44.5	82.7

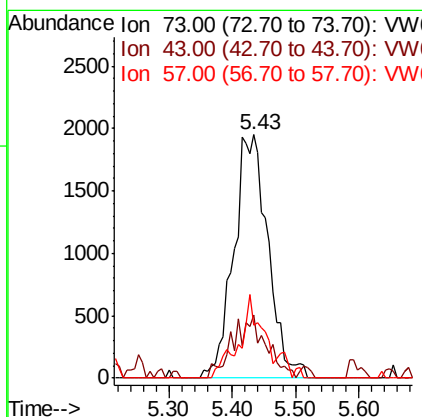
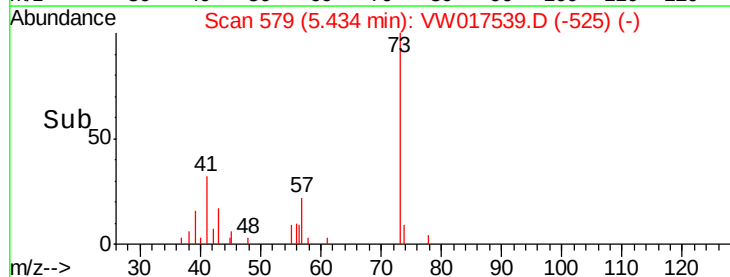
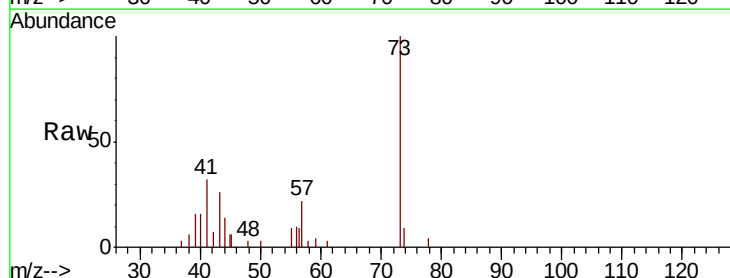
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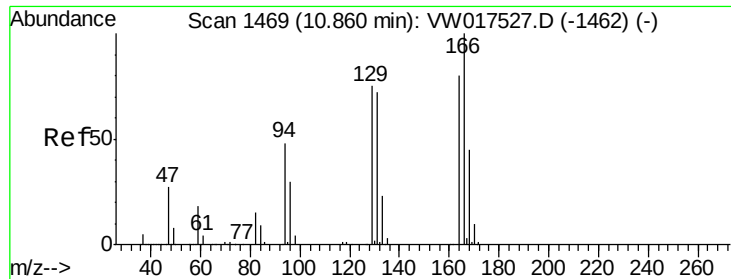
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#17
Methyl tert-butyl Ether
Concen: 1.235 ug/L m
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW017539.D
Acq: 03 Dec 2020 17:33

Tgt Ion	Ratio	Lower	Upper
73	100		
43	3.6	16.2	24.4#
57	0.0	17.2	25.8#





#47
 Tetrachloroethene
 Concen: 3.194 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017539.D
 Acq: 03 Dec 2020 17:33

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4G2

Tot Ion:	164	Resp:	15096
Ion Ratio	Lower	Upper	
164	100		
129	86.4	67.6	125.6
131	86.9	65.2	121.2
166	128.2	93.2	173.2

Manual Integrations
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