

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102020\
 Data File : VW016950.D
 Acq On : 20 Oct 2020 13:37
 Operator : SY/VA
 Sample : L4471-02
 Misc : 4.01G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

Manual Integrations
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 10/26/2020 1:35:34 PM

Quant Time: Oct 21 22:38:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584846	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525950	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	244223	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113881	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
7) Chloroethane-d5	2.90	69	104809	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.02	63	179142	14.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.48%
20) 2-Butanone-d5	7.09	46	55175	42.22	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
24) Chloroform-d	7.65	84	289973	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	137559	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.32%
29) Benzene-d6	8.28	84	564364	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	9.28	67	160536	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.04%
37) Toluene-d8	10.33	98	515736	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.52%
38) trans-1,3-Dichloropropene-	10.58	79	56756	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	47372	47.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123176	23.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	199822	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
13) Acetone	4.15	43	4147	4.193 ug/L	70
14) Carbon disulfide	4.39	76	8722m	0.402 ug/L	
16) Methylene chloride	4.93	84	13264	1.643 ug/L	93
35) Trichloroethene	9.10	95	2521	0.316 ug/L	97
47) Tetrachloroethene	10.87	164	192607	26.004 ug/L	96

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

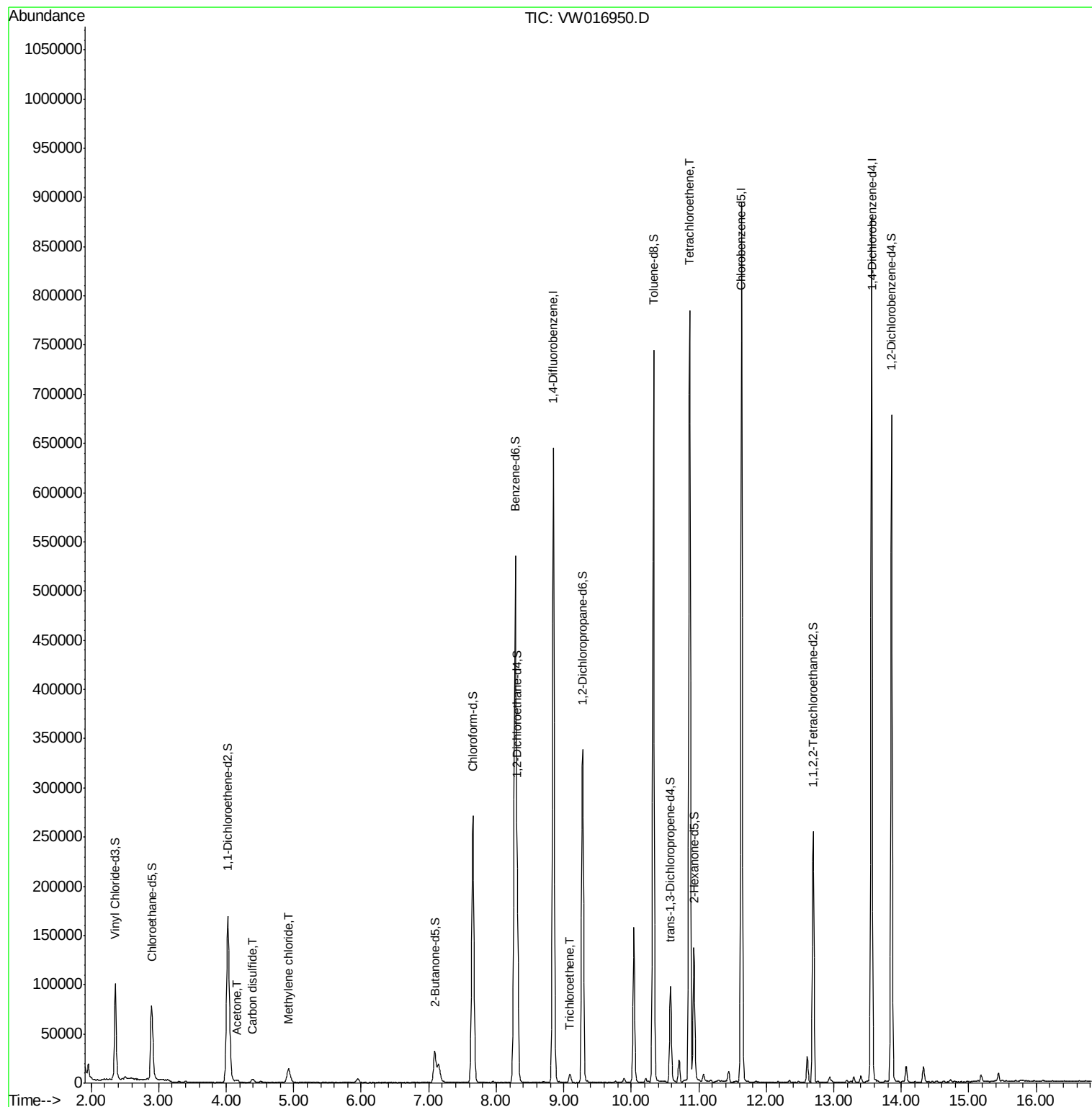
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102020\
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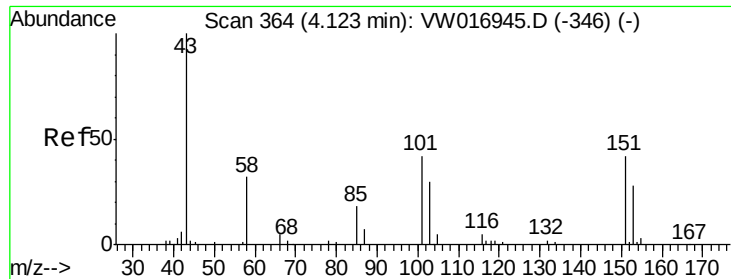
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Oct 21 22:38:03 2020
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Quant Title : VOC Analysis
QLast Update : Tue Oct 20 22:43:28 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.193 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW016950.D

Acq: 20 Oct 2020 13:37

Instrument :

MSVOA_W

ClientSampled :

BG3Z0

Tot Ion: 43 Resp: 4147

Ion Ratio Lower Upper

43 100

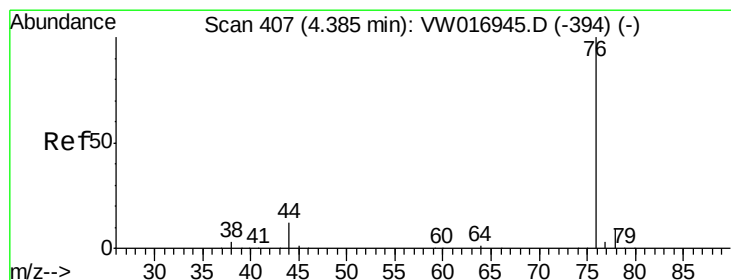
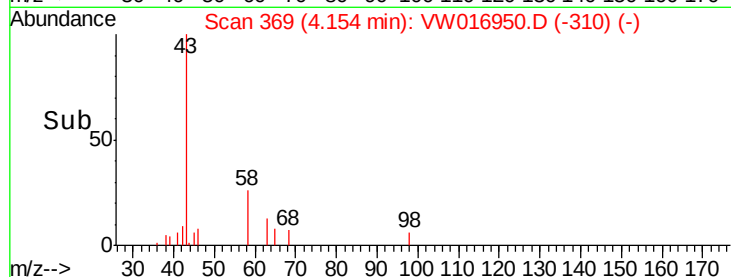
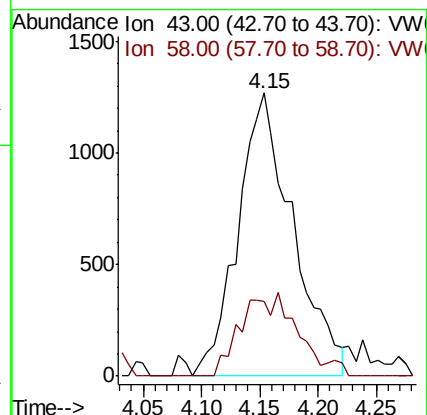
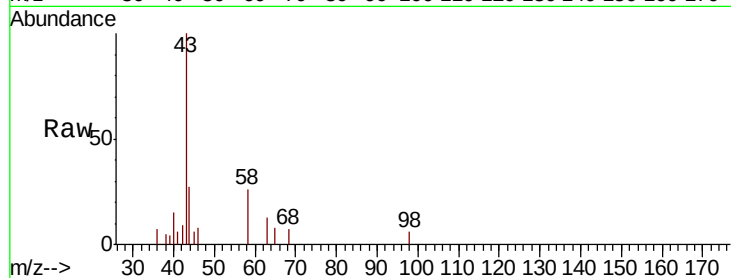
58 16.7 0.0 67.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.402 ug/L m

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW016950.D

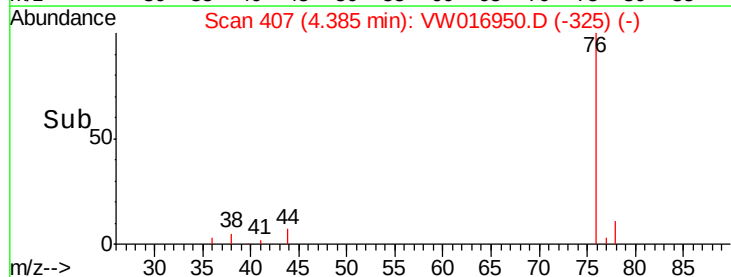
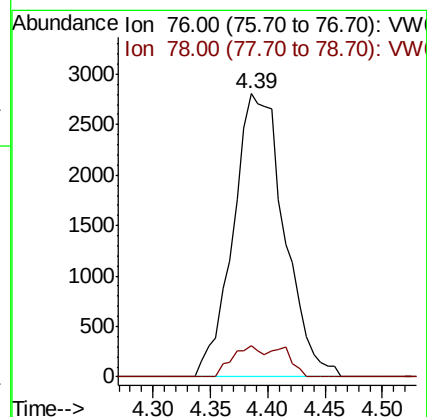
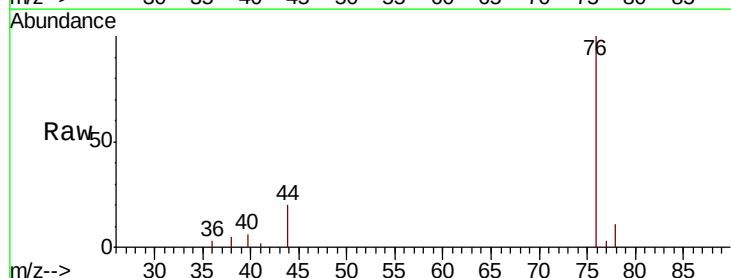
Acq: 20 Oct 2020 13:37

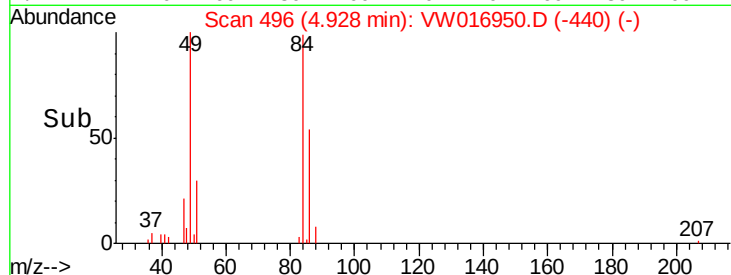
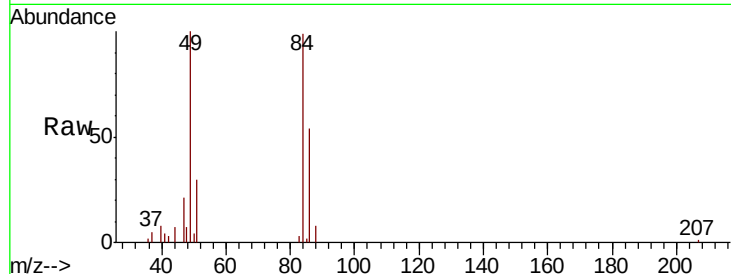
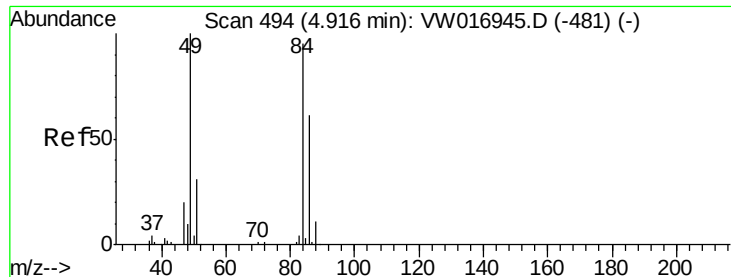
Tgt Ion: 76 Resp: 8722

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.0





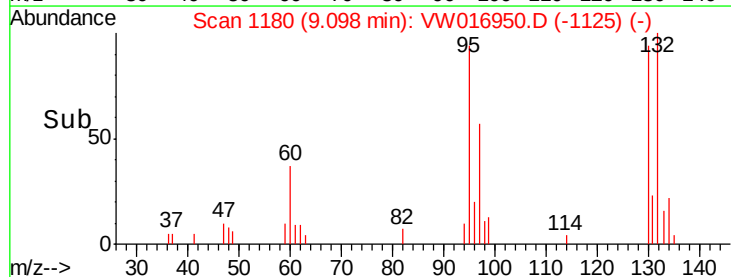
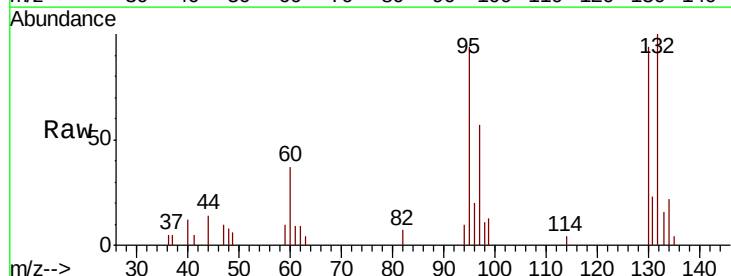
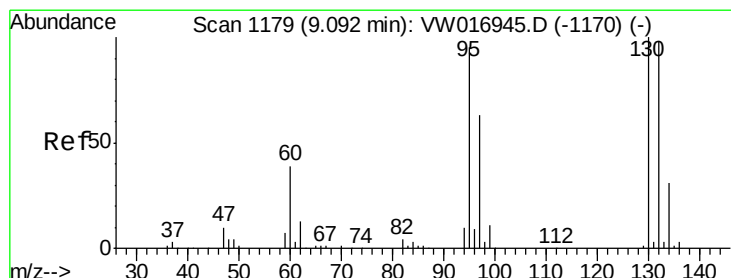
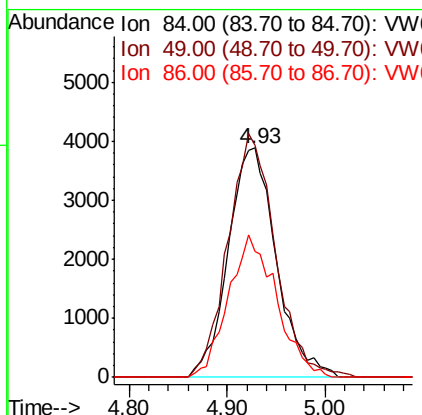
#16
Methylene chloride
Concen: 1.643 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016950.D
Acq: 20 Oct 2020 13:37

Tot Ion	Ratio	Lower	Upper
84	100		
49	101.3	73.1	135.8
86	55.1	46.0	85.4

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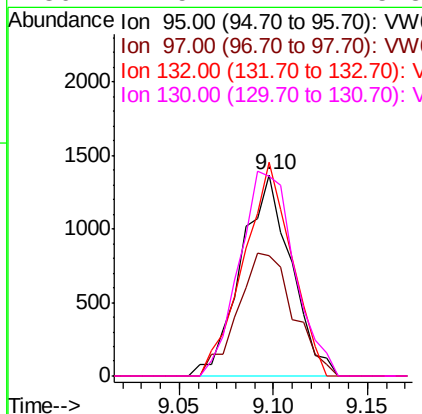
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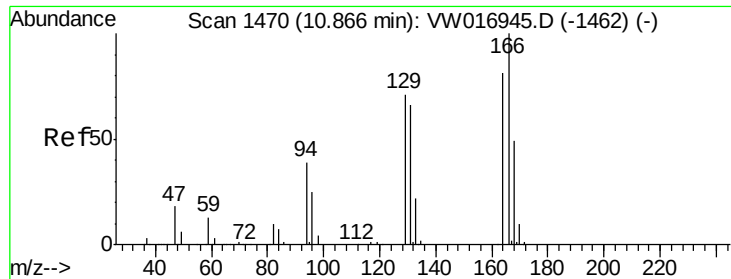
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#35
Trichloroethene
Concen: 0.316 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016950.D
Acq: 20 Oct 2020 13:37

Tgt Ion	Ratio	Lower	Upper
95	100		
97	67.7	44.7	83.1
132	102.4	73.8	137.2
130	111.5	77.1	143.3





#47
Tetrachloroethene
Concen: 26.004 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016950.D
Acq: 20 Oct 2020 13:37

Instrument :
MSVOA_W
ClientSampleId :
BG3Z0

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	84.8	61.7	114.7
131	86.0	59.7	110.9
166	132.6	88.3	164.1

Manual Integrations
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