

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018592.D
 Acq On : 01 Oct 2020 15:58
 Operator : SY/MD
 Sample : L4203-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 5:45:20 PM

Quant Time: Oct 02 04:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99774	55.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.86%
7) Chloroethane-d5	1.58	69	90227	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.26%
11) 1,1-Dichloroethene-d2	2.12	63	163643	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
21) 2-Butanone-d5	3.91	46	117049	87.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.18%
24) Chloroform-d	4.37	84	185093	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.05	65	123139	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.07	84	373459	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.09	67	113260	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.72%
41) Toluene-d8	7.34	98	347799	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.64	79	57810	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	84977	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	147153	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	155973	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	62562	26.854 ug/L	99
33) Benzene	5.13	78	34698	3.820 ug/L	100
34) Trichloroethene	5.94	95	947669	359.334 ug/L	99
46) Tetrachloroethene	8.02	164	22834064m	10672.211 ug/L	
53) m,p-Xylene	9.17	106	2807	0.662 ug/L	93

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

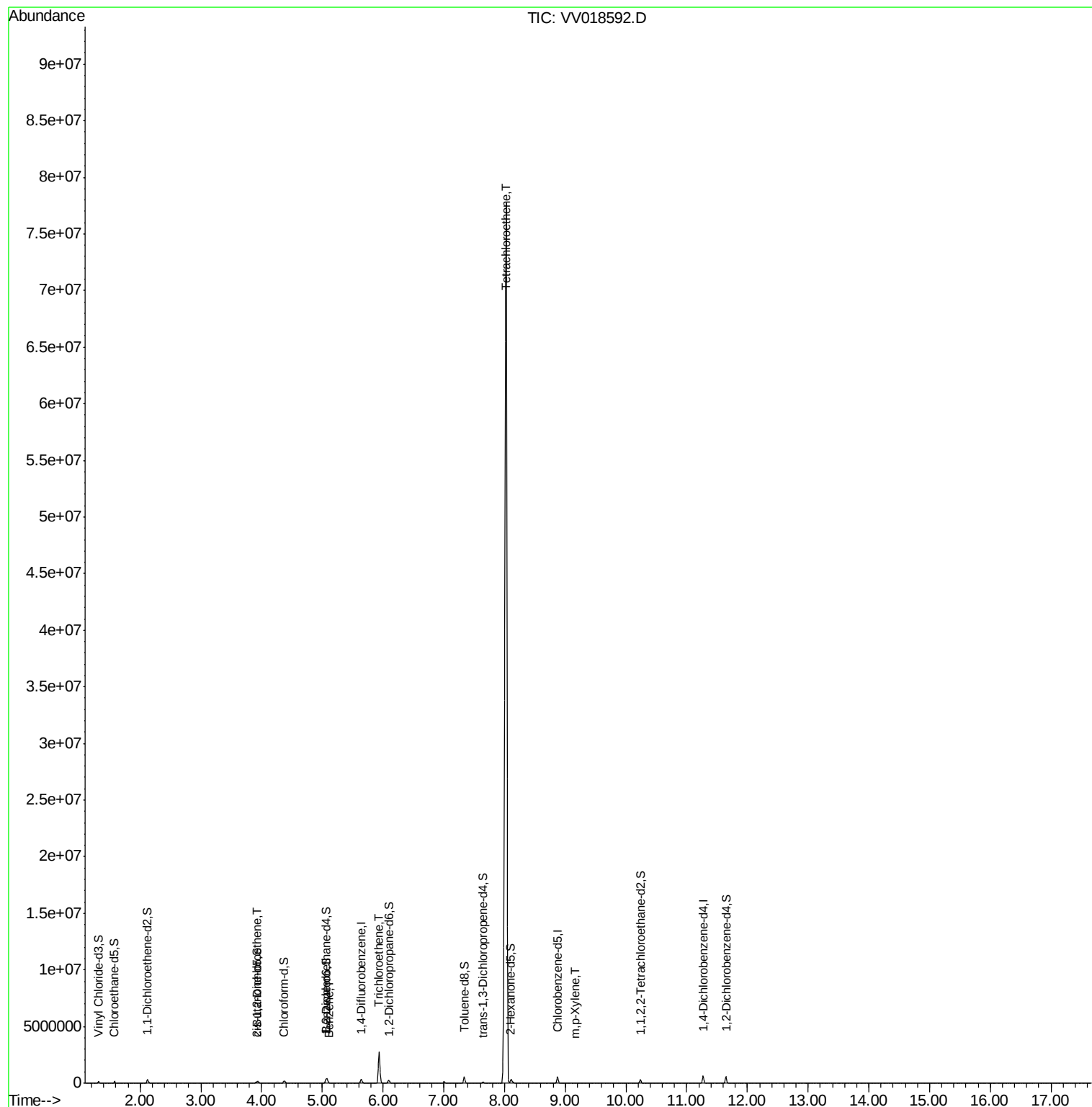
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100120\
Data File : VV018592.D
Acq On : 01 Oct 2020 15:58
Operator : SY/MD
Sample : L4203-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

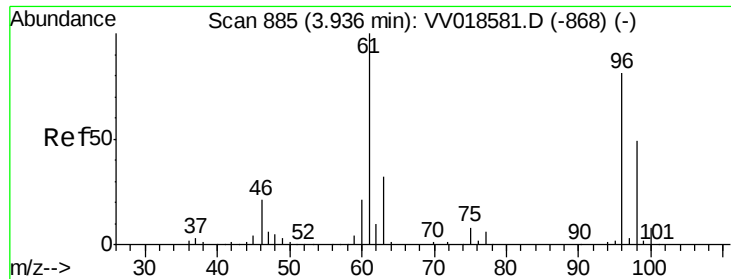
Instrument :
MSVOA_V
ClientSampleId :
BG3N9

Manual Integrations
APPROVED

MMDadoda
10/2/2020 5:45:20 PM

Quant Time: Oct 02 04:08:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 23:37:24 2020
Response via : Initial Calibration





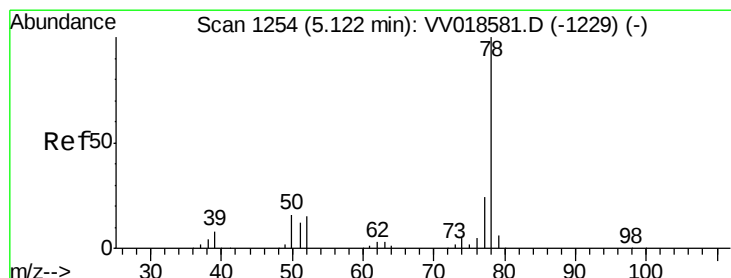
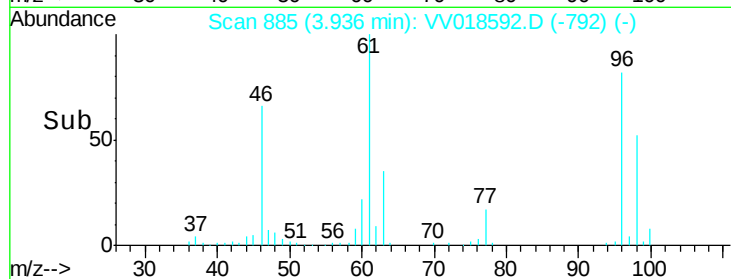
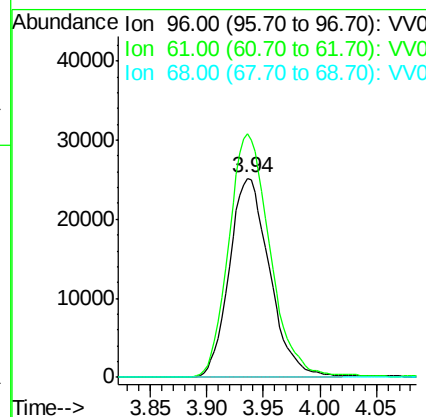
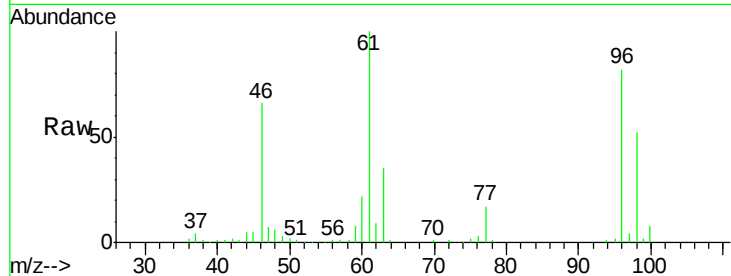
#20
 cis-1,2-Dichloroethene
 Concen: 26.854 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018592.D
 Acq: 01 Oct 2020 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		62562		
61	122.3		86.8	161.2	
68	0.0		0.0	0.0	

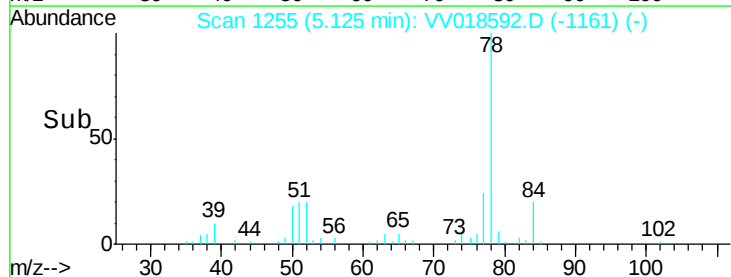
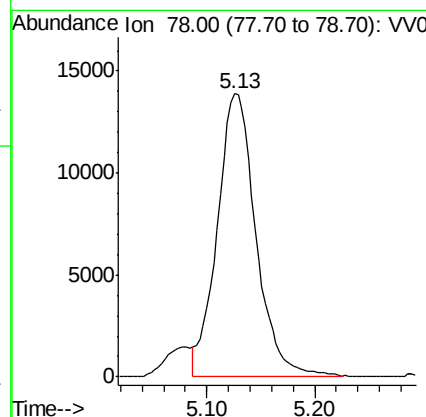
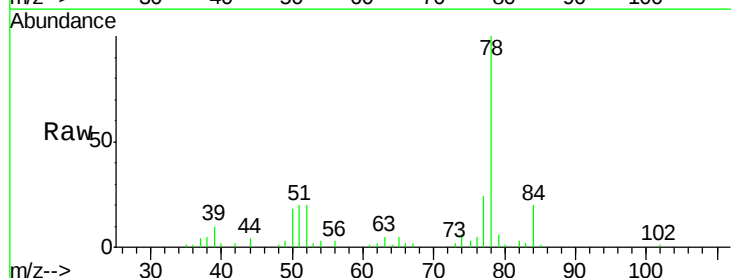
Manual Integrations
 APPROVED

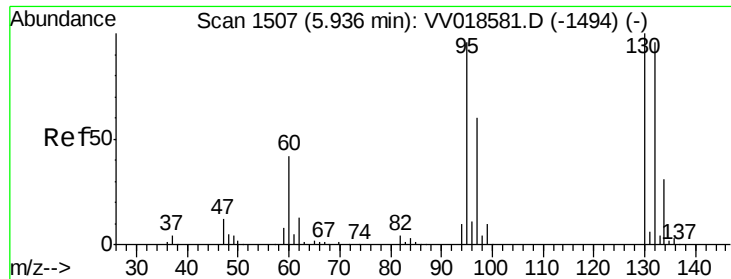
MMDadoda
 10/2/2020 5:45:20 PM



#33
 Benzene
 Concen: 3.820 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VV018592.D
 Acq: 01 Oct 2020 15:58

Tgt Ion: 78 Resp: 34698





#34

Trichloroethene

Concen: 359.334 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

Instrument :

MSVOA_V

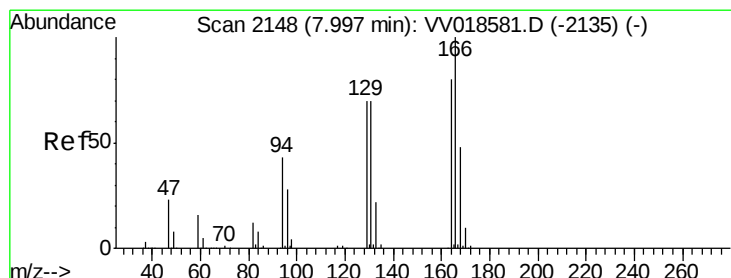
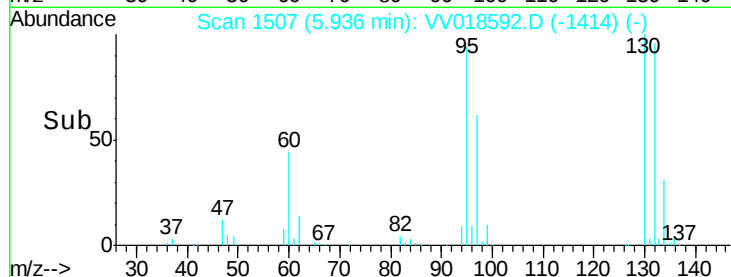
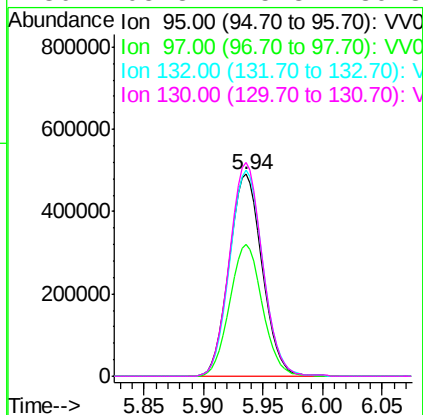
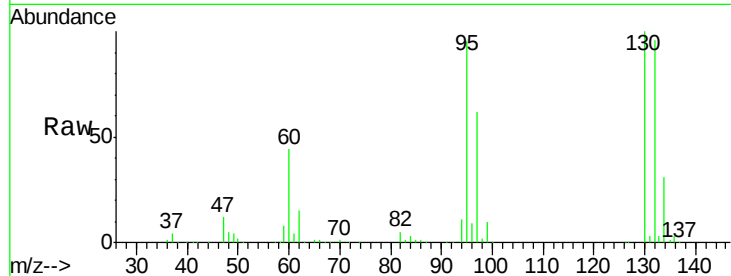
ClientSampleId :

BG3N9

Tot Ion	95	Resp	947669
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	102.0	70.8	131.4
130	105.8	75.3	139.8

Manual Integrations
APPROVED

MMDadoda
10/2/2020 5:45:20 PM



#46

Tetrachloroethene

Concen: 10672.211 ug/L m

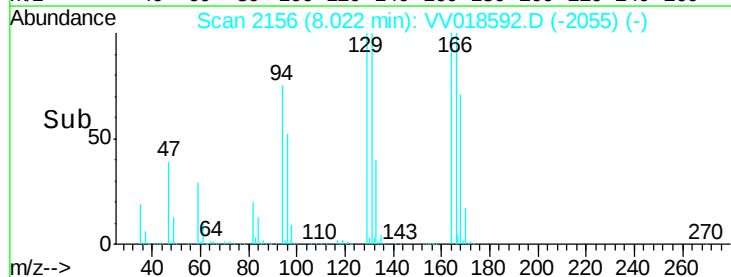
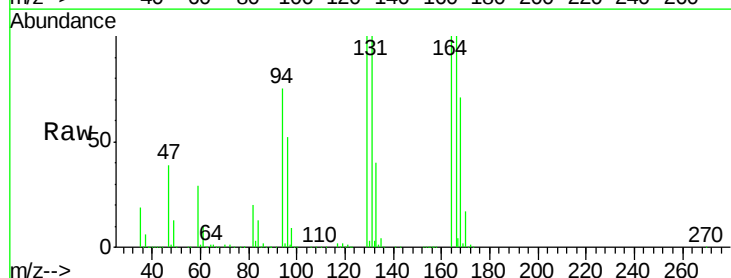
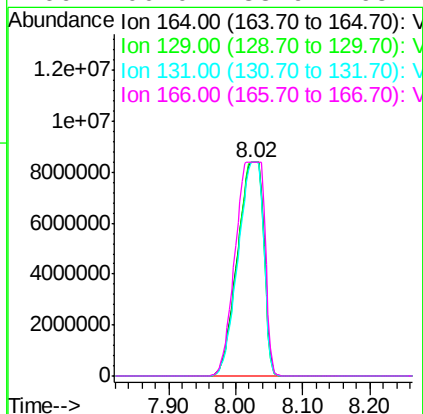
RT: 8.02 min Scan# 2156

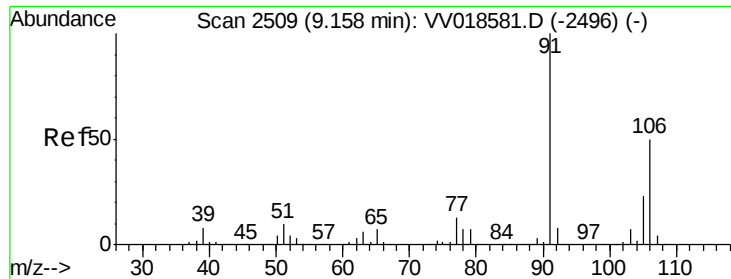
Delta R.T. 0.03 min

Lab File: VV018592.D

Acq: 01 Oct 2020 15:58

Tgt Ion	164	Resp	22834064
Ion	Ratio	Lower	Upper
164	100		
129	100.0	62.8	116.6
131	100.0	60.8	112.8
166	100.0	88.9	165.1





#53
 m,p-Xylene
 Concen: 0.662 ug/L
 RT: 9.17 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: VV018592.D
 Acq: 01 Oct 2020 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N9

Tot Ion:106 Resp: 2807
 Ion Ratio Lower Upper
 106 100
 91 192.7 142.3 264.3

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 5:45:20 PM

