

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011292.D
 Acq On : 16 Jul 2019 18:00
 Operator : SY/VA
 Sample : K3798-15
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F9

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 8:05:17 AM

Quant Time: Jul 17 08:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332455	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282283	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	111136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	69914	13.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.08%
7) Chloroethane-d5	2.88	69	58938	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
10) 1,1-Dichloroethene-d2	4.01	63	133049	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.07	46	113969	56.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.98%
24) Chloroform-d	7.65	84	193486	21.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	8.31	65	129816m	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.27	84	376997	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	134971	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	313121	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	51513	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	76402	58.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124434	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	92230	21.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	27482	14.070 ug/L	96
14) Carbon disulfide	4.38	76	320417	25.638 ug/L	99
15) Methyl Acetate	4.67	43	22022	6.929 ug/L	99
21) 2-Butanone	7.18	43	3581	1.420 ug/L	89
22) cis-1,2-Dichloroethene	7.17	96	92972	19.455 ug/L	97

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

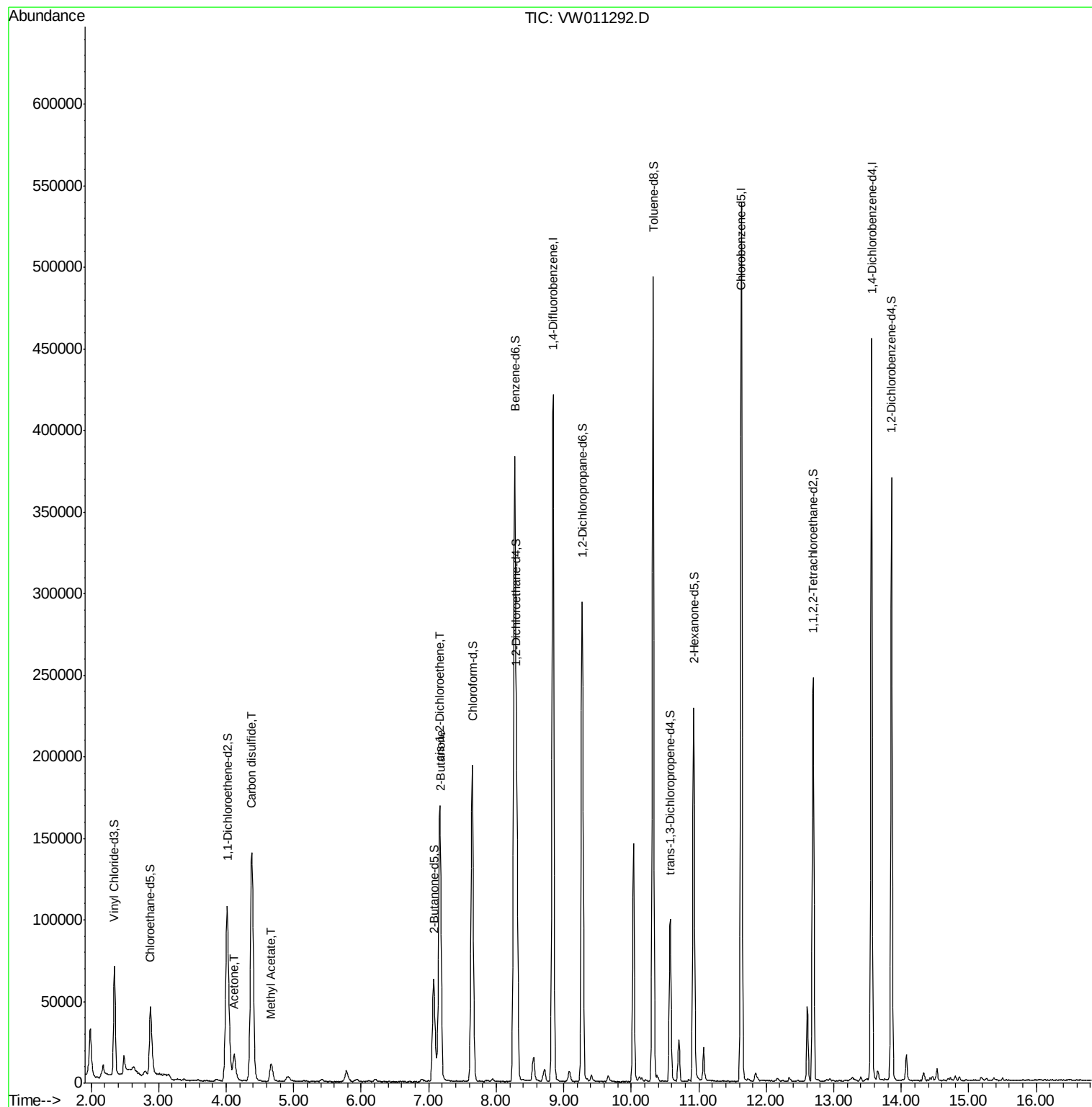
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011292.D
Acq On : 16 Jul 2019 18:00
Operator : SY/VA
Sample : K3798-15
Misc : 6.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

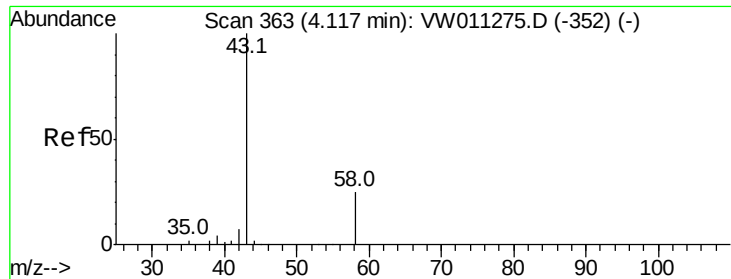
Instrument :
MSVOA_W
ClientSampleId :
A52F9

Manual Integrations
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7/18/2019 8:05:17 AM

Quant Time: Jul 17 08:50:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.070 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011292.D

Acq: 16 Jul 2019 18:00

Instrument :

MSVOA_W

ClientSampled :

A52F9

Tot Ion: 43 Resp: 27482

Ion Ratio Lower Upper

43 100

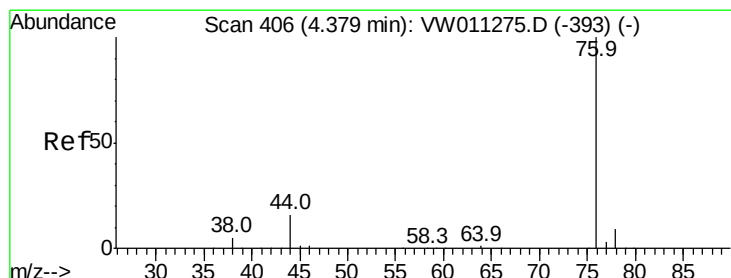
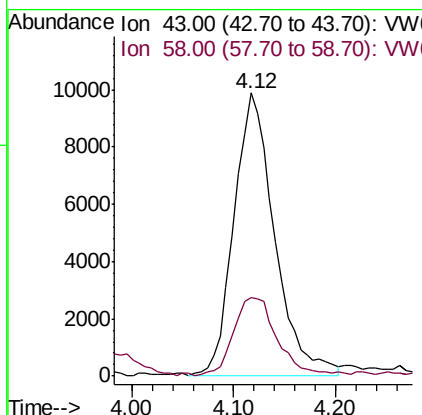
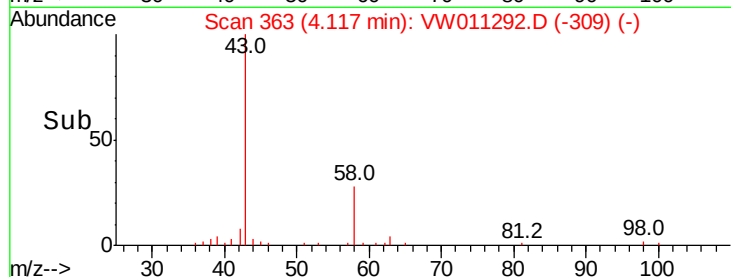
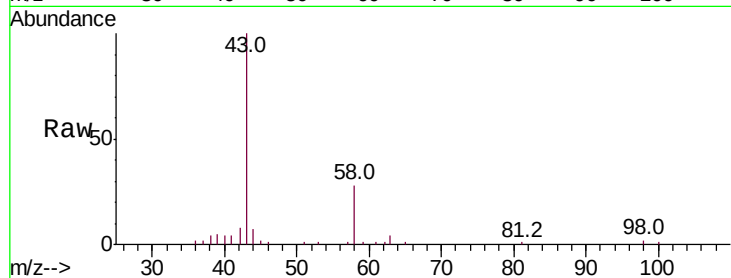
58 29.8 0.0 55.0

Manual Integrations

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#14

Carbon disulfide

Concen: 25.638 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW011292.D

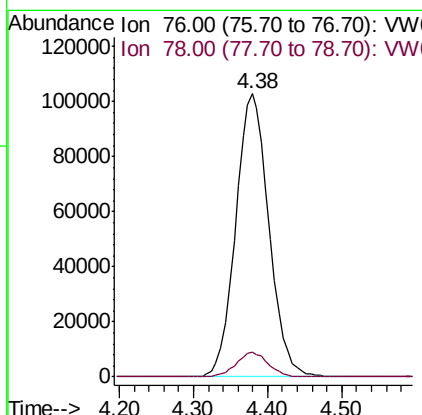
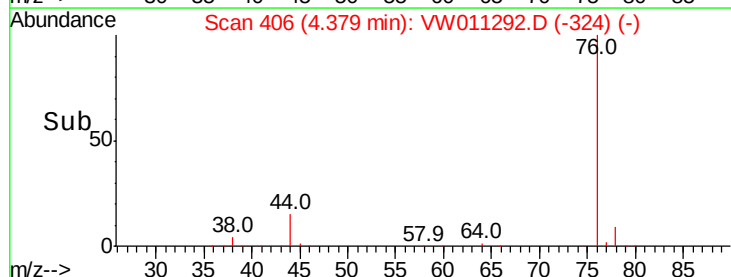
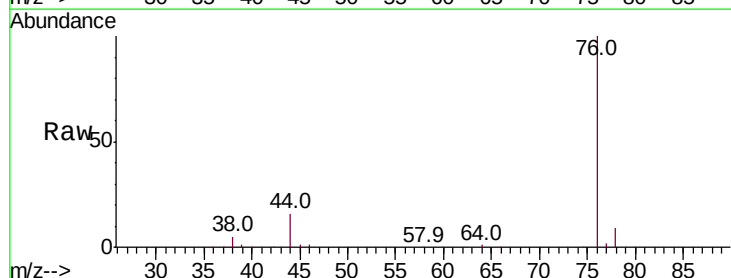
Acq: 16 Jul 2019 18:00

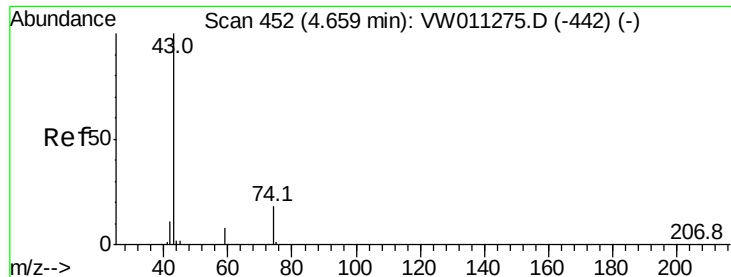
Tgt Ion: 76 Resp: 320417

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





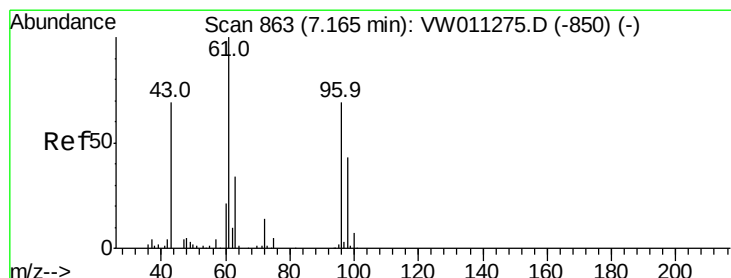
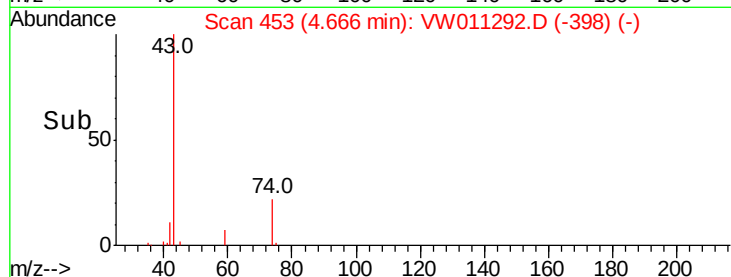
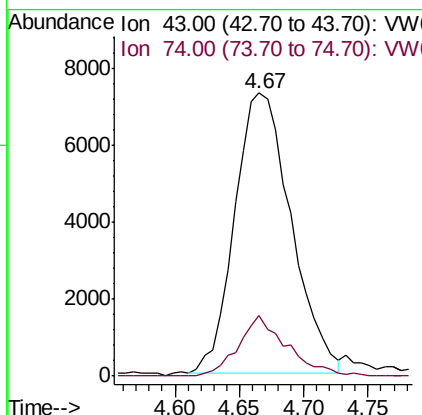
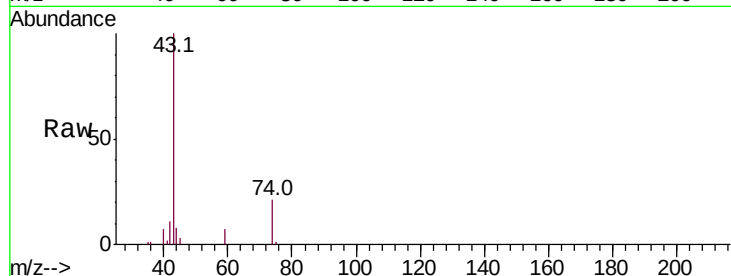
#15
Methyl Acetate
Concen: 6.929 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW011292.D
Acq: 16 Jul 2019 18:00

Instrument :
MSVOA_W
ClientSampleId :
A52F9

Tot Ion: 43 Resp: 22022
Ion Ratio Lower Upper
43 100
74 18.5 15.1 22.7

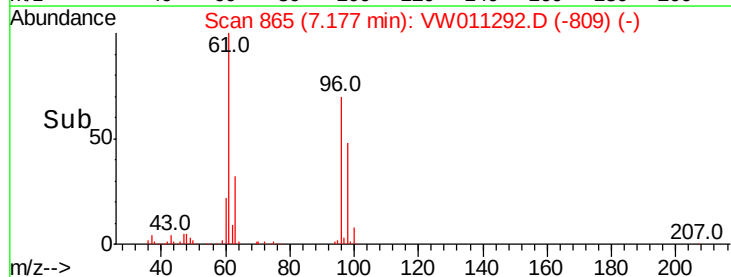
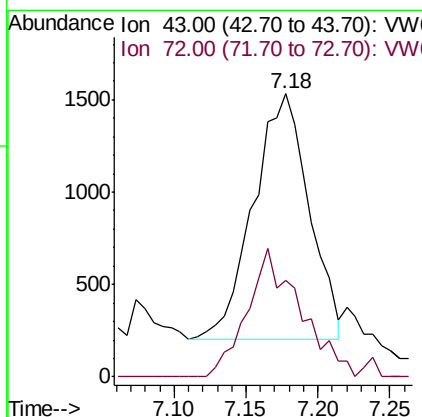
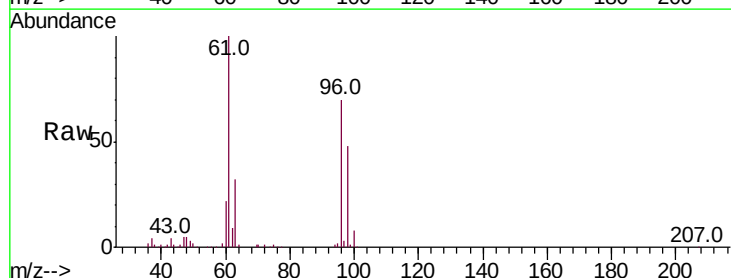
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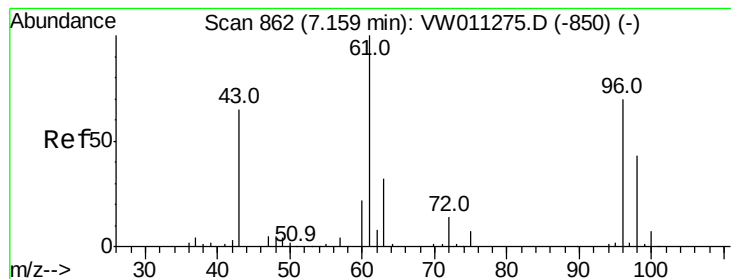
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#21
2-Butanone
Concen: 1.420 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011292.D
Acq: 16 Jul 2019 18:00

Tgt Ion: 43 Resp: 3581
Ion Ratio Lower Upper
43 100
72 27.8 11.2 33.6





#22

cis-1,2-Dichloroethene

Concen: 19.455 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW011292.D

Acq: 16 Jul 2019 18:00

Instrument :

MSVOA_W

ClientSampleId :

A52F9

Tot Ion: 96 Resp: 92972

Ion Ratio Lower Upper

96 100

61 151.2 103.2 191.6

98 65.3 44.8 83.2

Manual Integrations

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7/18/2019 8:05:17 AM

