

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003548.D
 Acq On : 25 Jun 2018 15:02
 Operator : SY/AP
 Sample : J3621-16
 Misc : 7.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ78

Quant Time: Jun 26 03:49:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	219399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	203292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	69410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	39104	13.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.56%
7) Chloroethane-d5	2.89	69	43546	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
10) 1,1-Dichloroethene-d2	4.01	63	68642	11.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.48%
20) 2-Butanone-d5	7.09	46	56440	60.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.40%
24) Chloroform-d	7.65	84	157445	27.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.12%
26) 1,2-Dichloroethane-d4	8.31	65	102649	29.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.72%
29) Benzene-d6	8.28	84	264782	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.28	67	99249	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.33	98	225969	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.64%
38) trans-1,3-Dichloropropene-	10.58	79	37472	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	34954	50.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	86207	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	68213	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

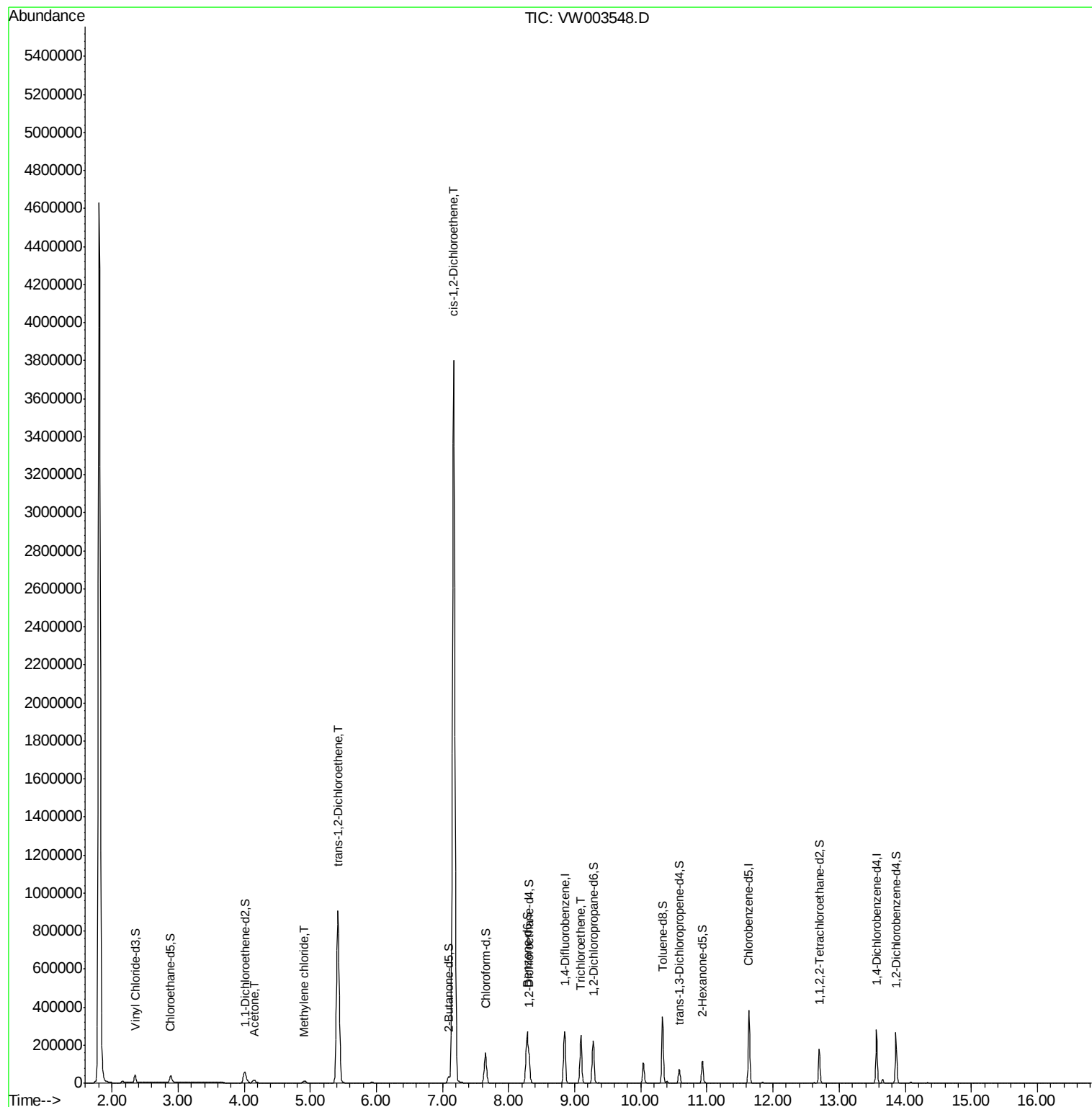
					Ovalue
13) Acetone	4.15	43	31169	31.19	ug/L 66
16) Methylene chloride	4.91	84	7890	2.61	ug/L 93
18) trans-1,2-Dichloroethene	5.42	96	540091	189.00	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	2219337	730.80	ug/L 97
35) Trichloroethene	9.09	95	87243	27.92	ug/L 99

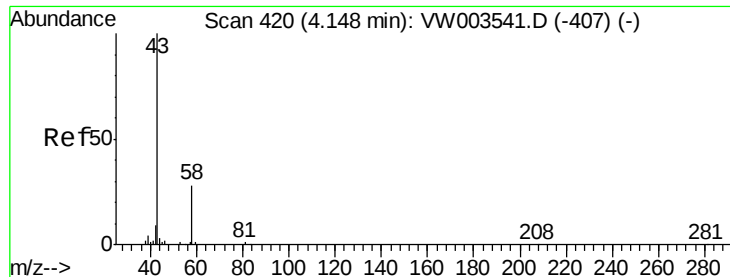
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.19 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

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MSVOA_W

ClientSampleId :

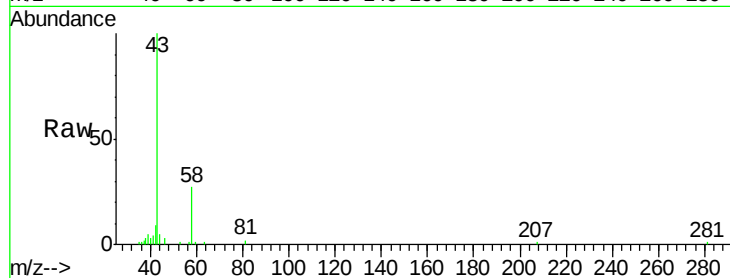
DAZ78

Tot Ion: 43 Resp: 31169

Ion Ratio Lower Upper

43 100

58 10.8 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

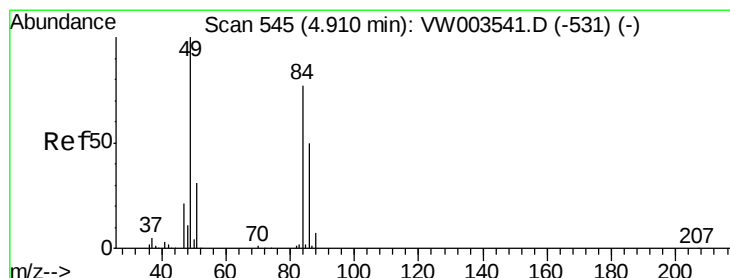
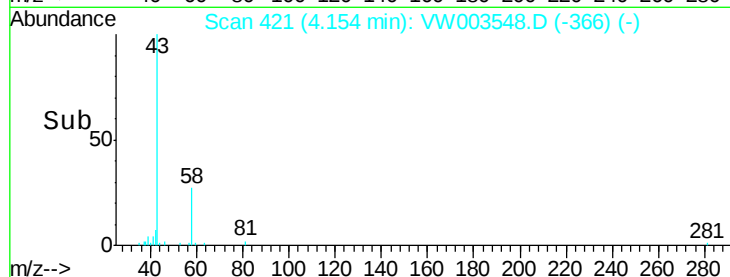
6000

4000

2000

0

Time--> 4.00 4.10 4.20 4.30



#16

Methylene chloride

Concen: 2.61 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

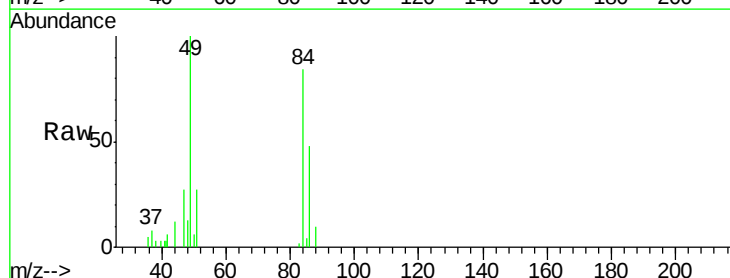
Tgt Ion: 84 Resp: 7890

Ion Ratio Lower Upper

84 100

49 118.8 88.7 164.7

86 57.1 44.2 82.0



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.91

4000

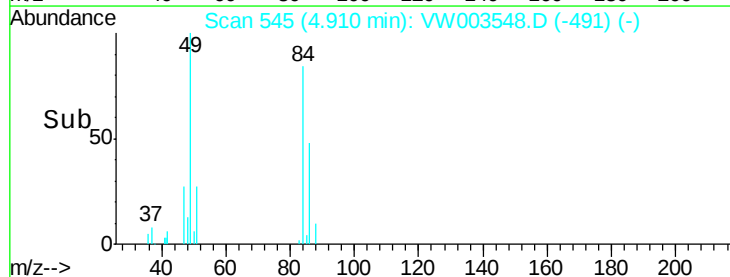
3000

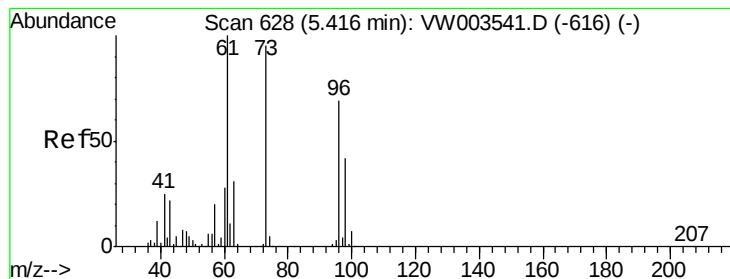
2000

1000

0

Time--> 4.80 4.85 4.90 4.95 5.00





#18

trans-1,2-Dichloroethene

Concen: 189.00 ug/L

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

DAZ78

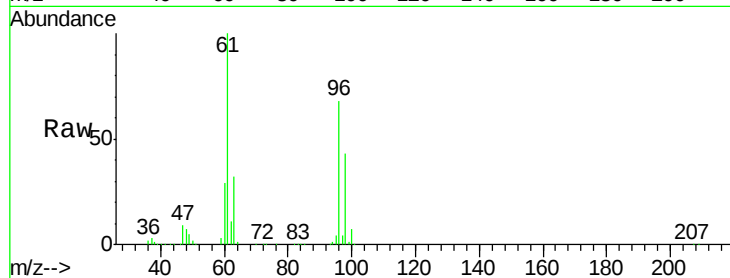
Tot Ion: 96 Resp: 540091

Ion Ratio Lower Upper

96 100

61 147.2 98.0 182.0

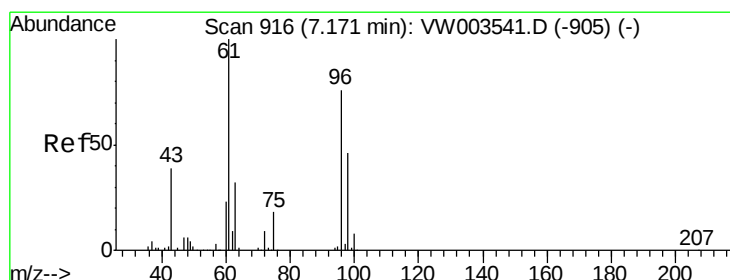
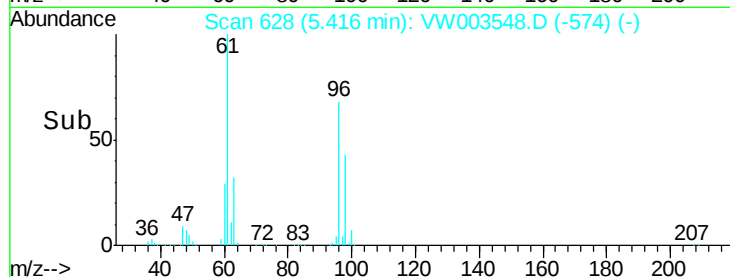
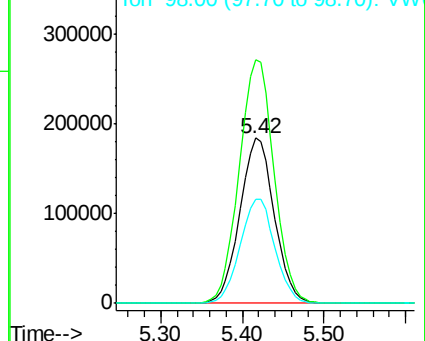
98 62.6 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#22

cis-1,2-Dichloroethene

Concen: 730.80 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

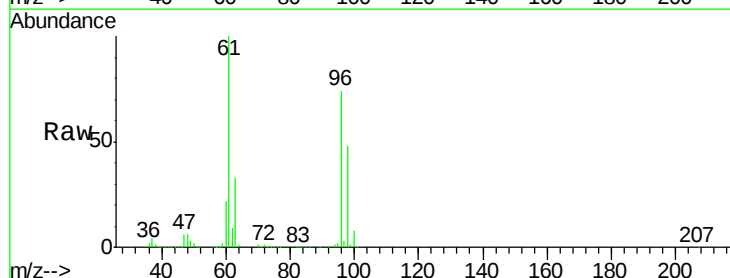
Tgt Ion: 96 Resp: 2219337

Ion Ratio Lower Upper

96 100

61 135.0 97.7 181.5

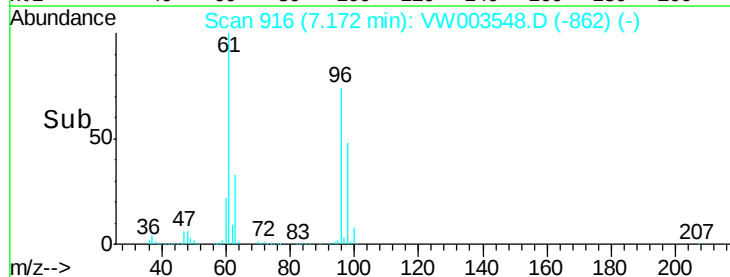
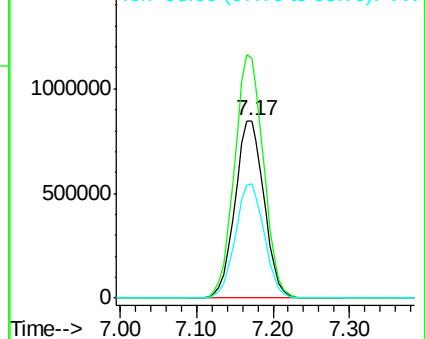
98 64.4 45.0 83.6

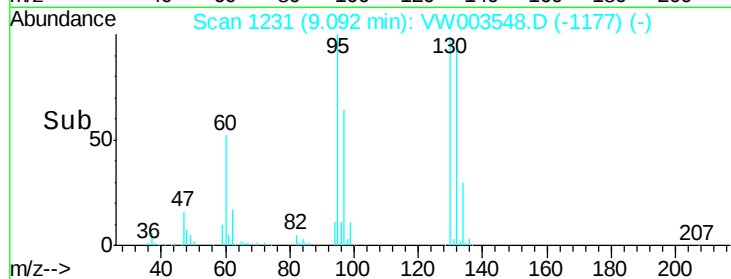
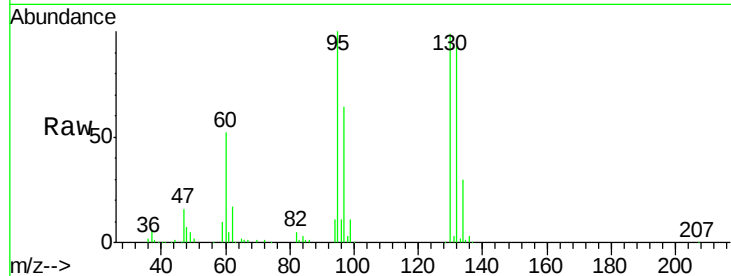
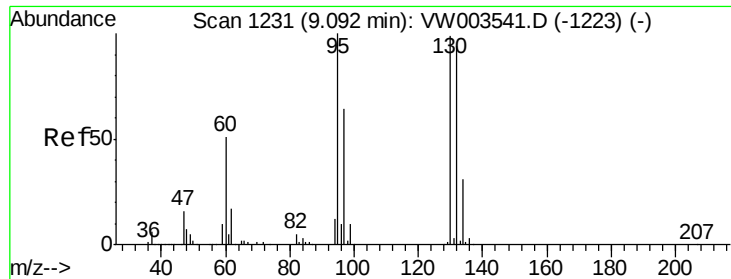


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 27.92 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW003548.D

Acq: 25 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

DAZ78

Tot Ion: 95 Resp: 87243

Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 95.9 67.8 125.8

130 98.4 70.6 131.0

