

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009867.D
 Acq On : 25 Mar 2019 17:56
 Operator : SY/MD
 Sample : K2016-03DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0980DL

Manual Integrations
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 3/26/2019 11:05:54 AM

Quant Time: Mar 26 07:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	175397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87514	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.74%
7) Chloroethane-d5	1.56	69	97897	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.13	63	185862	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	3.93	46	79161	99.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.03%
24) Chloroform-d	4.40	84	116466	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.08	65	77268	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.10	84	241436	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.12	67	74042	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.36	98	221983	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.66	79	29456	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.14	63	56417	93.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104501	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	80723	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.15	78	12258m	2.392	ug/L	
51) Chlorobenzene	8.93	112	270372	69.652	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	11080	4.436	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	76925	29.374	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	128733	48.785	ug/L	96

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

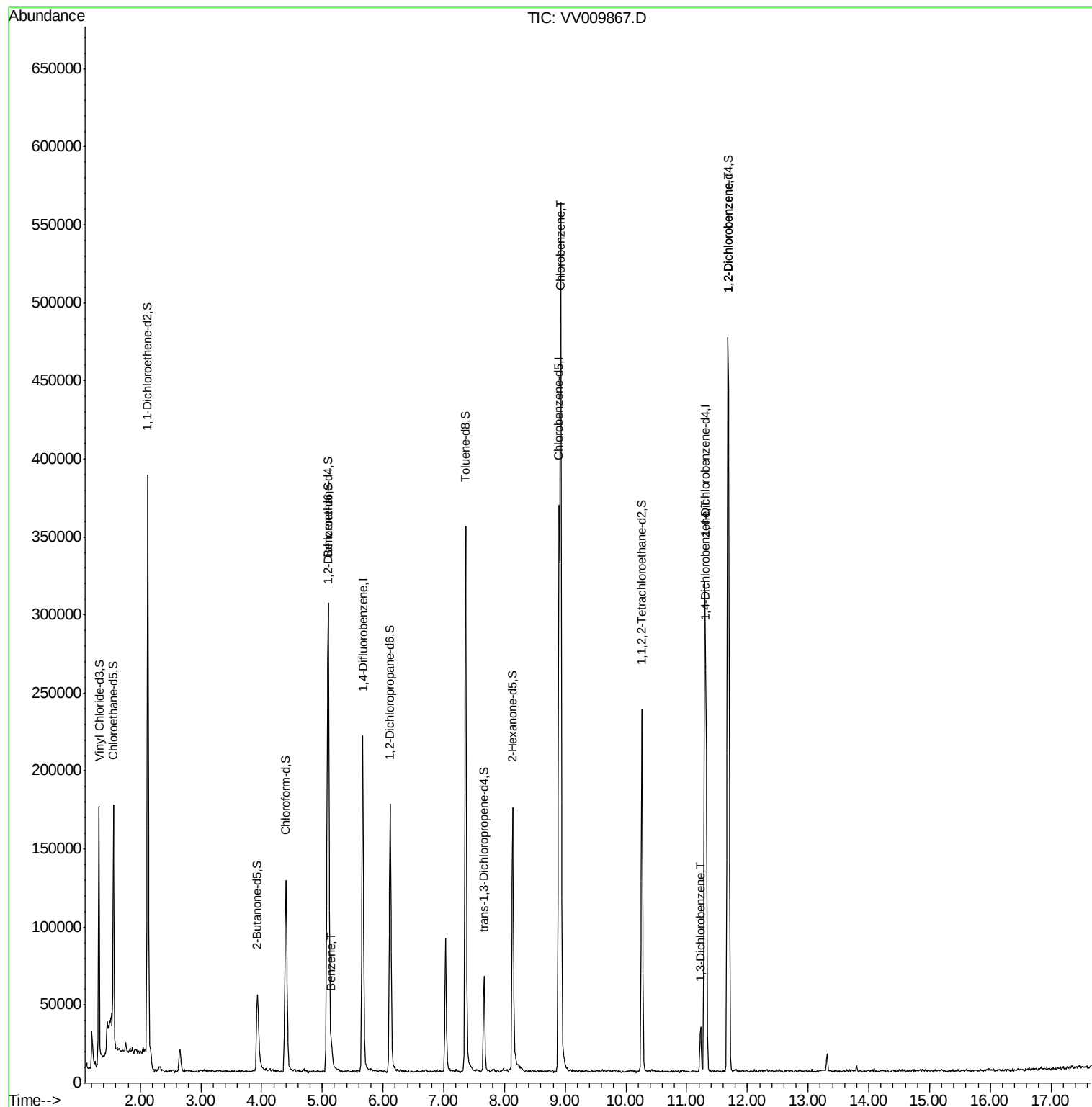
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009867.D
Acq On : 25 Mar 2019 17:56
Operator : SY/MD
Sample : K2016-03DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

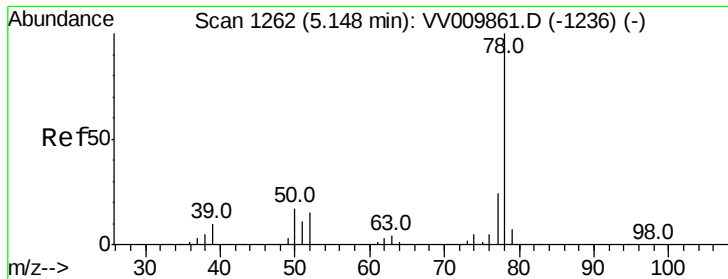
Instrument :
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Quant Time: Mar 26 07:41:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
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Response via : Initial Calibration





#33

Benzene

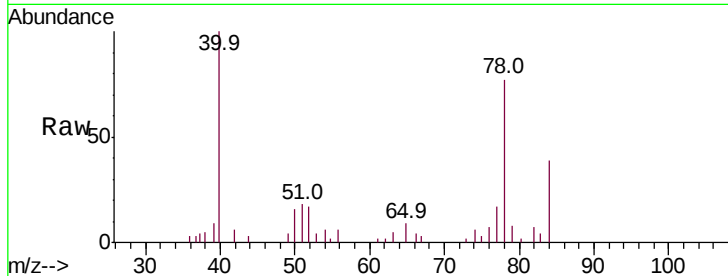
Concen: 2.392 ug/L m
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009867.D
Acq: 25 Mar 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
C0980DL

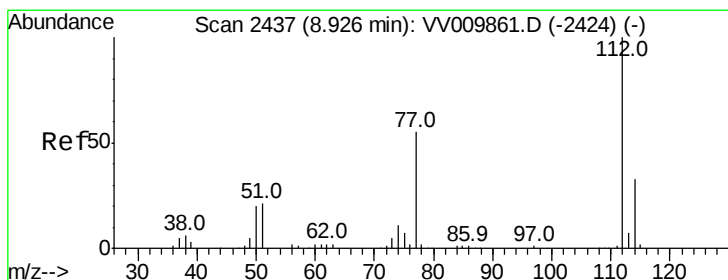
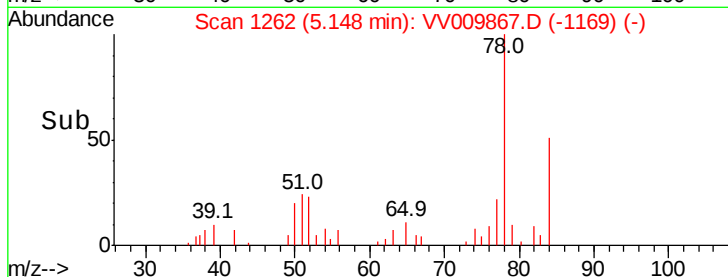
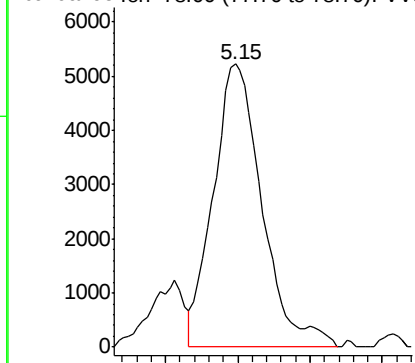
Tgt Ion: 78 Resp: 12258

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Abundance Ion 78.00 (77.70 to 78.70): VV0

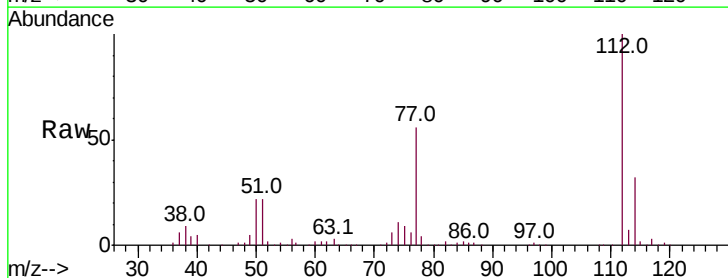


#51

Chlorobenzene

Concen: 69.652 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009867.D
Acq: 25 Mar 2019 17:56

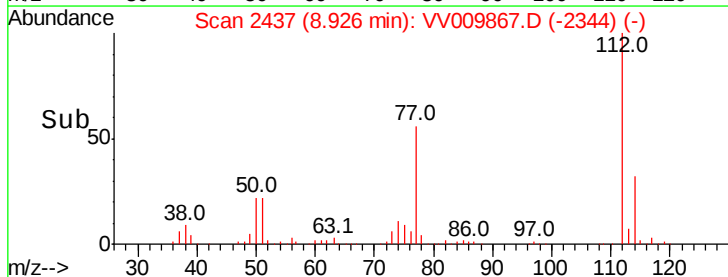
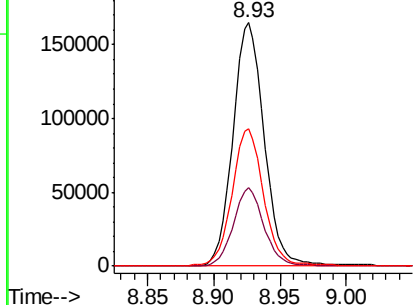
Tgt Ion: 112 Resp: 270372
Ion Ratio Lower Upper
112 100
114 32.0 23.3 43.3
77 56.4 45.8 68.6

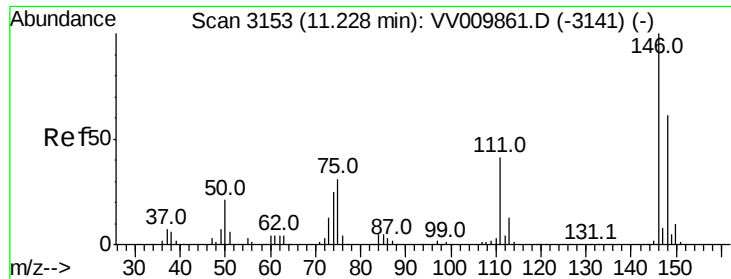


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





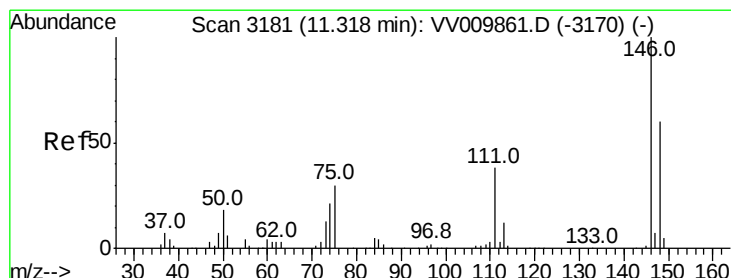
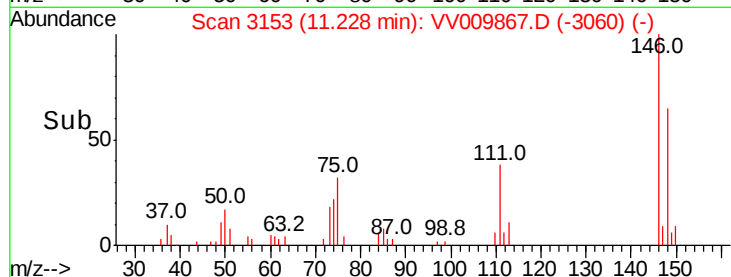
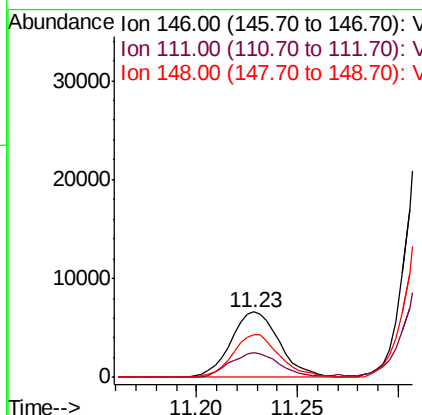
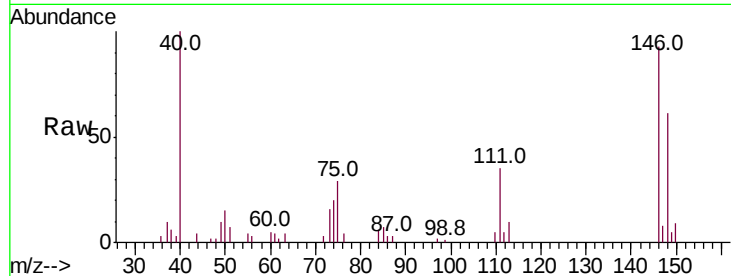
#62
 1,3-Dichlorobenzene
 Concen: 4.436 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV009867.D
 Acq: 25 Mar 2019 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0980DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	27.5	51.1
148	65.4	43.0	80.0

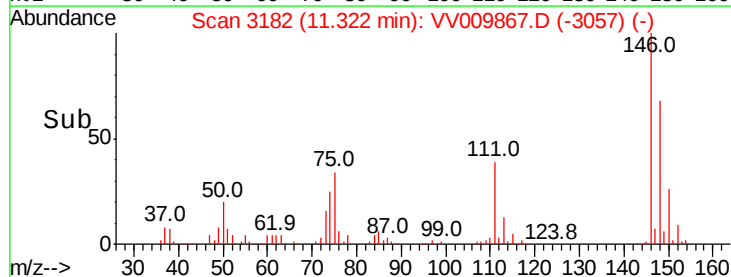
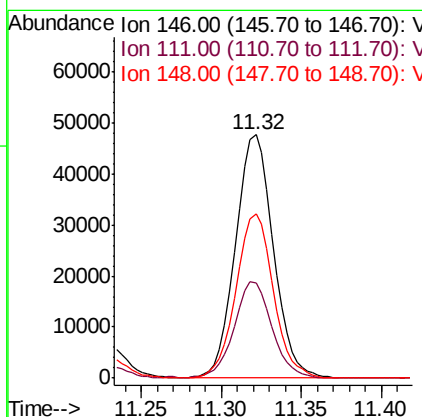
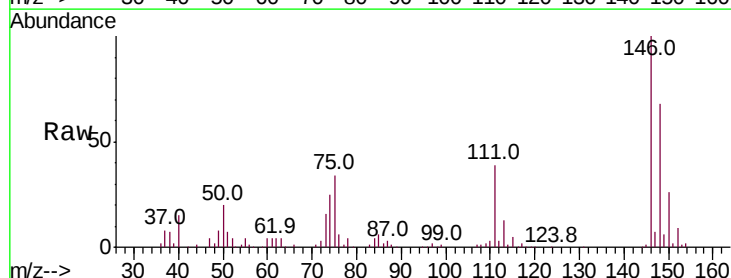
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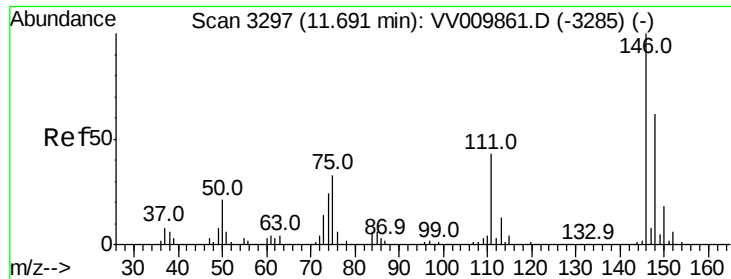
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#63
 1,4-Dichlorobenzene
 Concen: 29.374 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV009867.D
 Acq: 25 Mar 2019 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.5	49.3
148	67.6	43.2	80.2





#65
 1,2-Dichlorobenzene
 Concen: 48.785 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV009867.D
 Acq: 25 Mar 2019 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0980DL

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	41.6	33.0	49.6
148	61.9	53.2	79.8

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