

Data File : VV012191.D
Acq On : 11 Aug 2019 14:22
Operator : SY/MD
Sample : K4248-04DL 40X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B07DL

Quant Time: Aug 12 01:38:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	350190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66327	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.58	69	45230	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.12%
11) 1,1-Dichloroethene-d2	2.13	63	90389	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.93	46	70642	110.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	4.40	84	119709	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.08	65	74001	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.10	84	250109	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.12	67	68992	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.36	98	222918	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.66	79	33550	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.13	63	50762	95.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89365	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	90007	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	3247	1.677	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1054	0.683	ug/L #	16
12) 1,1-Dichloroethene	2.13	96	951	0.669	ug/L #	1
13) Acetone	2.18	43	595	0.643	ug/L #	43
17) trans-1,2-Dichloroethene	2.79	96	2702	1.304	ug/L	81
20) cis-1,2-Dichloroethene	3.96	96	67297	28.578	ug/L	95
25) Chloroform	4.42	83	2381	0.582	ug/L	87
34) Trichloroethene	5.96	95	48552	21.348	ug/L	96
37) 1,2-Dichloropropane	6.12	63	8028	4.005	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	2191	0.634	ug/L	89
46) Tetrachloroethene	8.02	164	3874	1.782	ug/L	82
49) Dibromochloromethane	8.02	129	3537	1.260	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	14472	5.351	ug/L	92

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

Data File : VV012191.D

Acq On : 11 Aug 2019 14:22

Operator : SY/MD

Sample : K4248-04DL 40X

Misc : 5mL/MSV0A V/WATER

```
ALS Vial      : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
F2B07DL

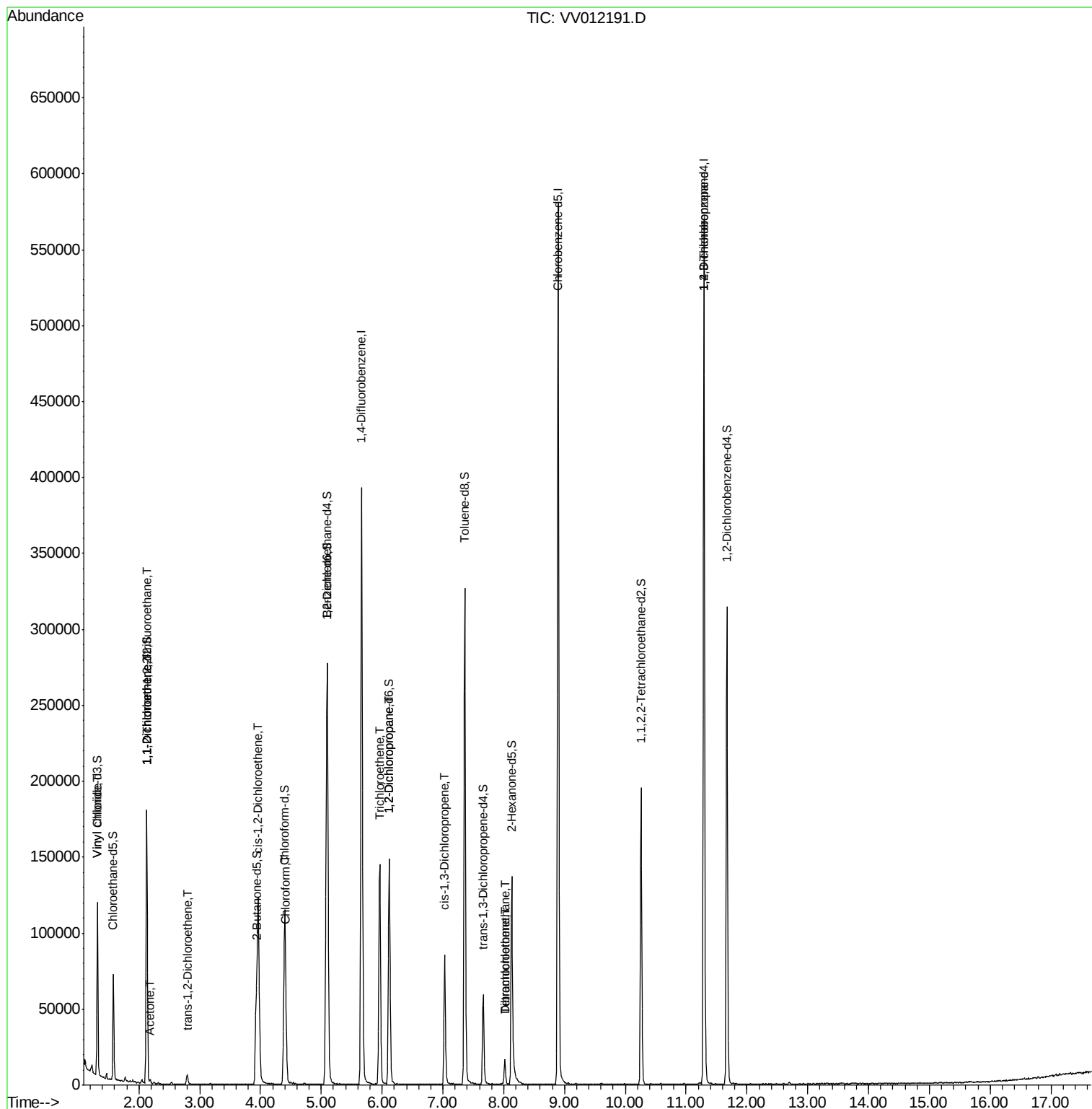
Quant Time: Aug 12 01:38:29 2019

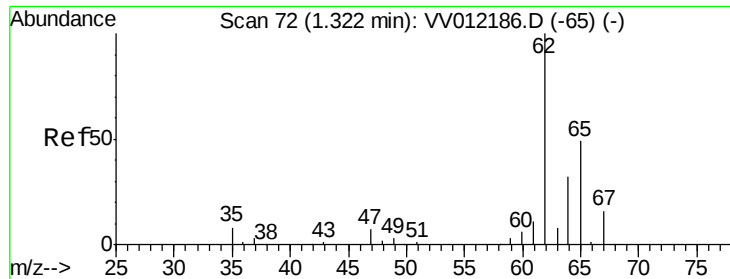
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM081019WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Aug 12 01:34:49 2019

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.677 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

Instrument :

MSVOA_V

ClientSampleId :

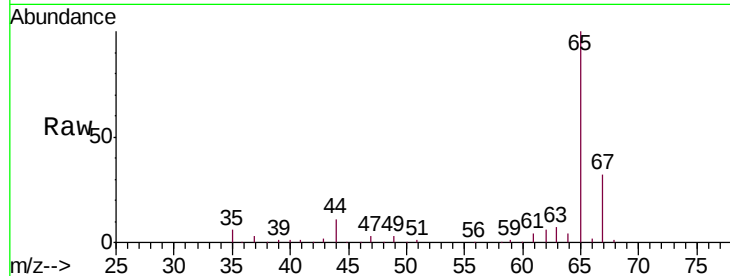
F2B07DL

Tgt Ion: 62 Resp: 3247

Ion Ratio Lower Upper

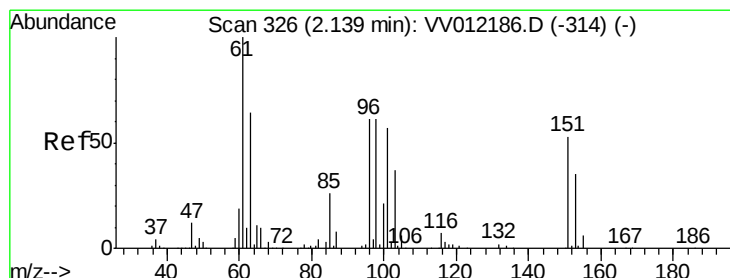
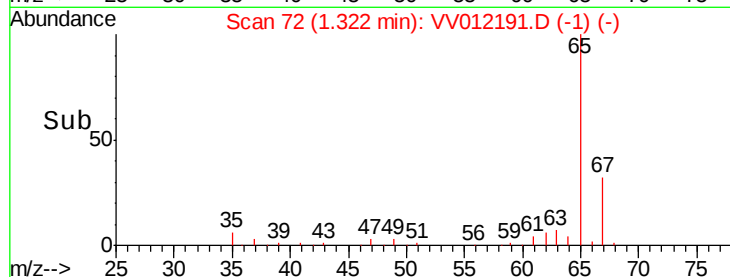
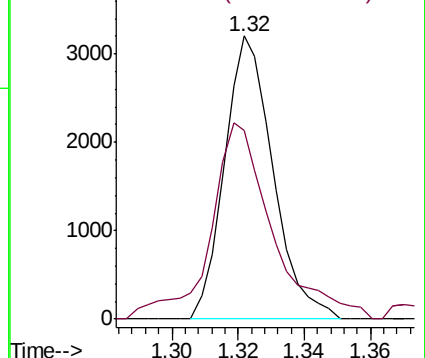
62 100

64 66.7 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.683 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

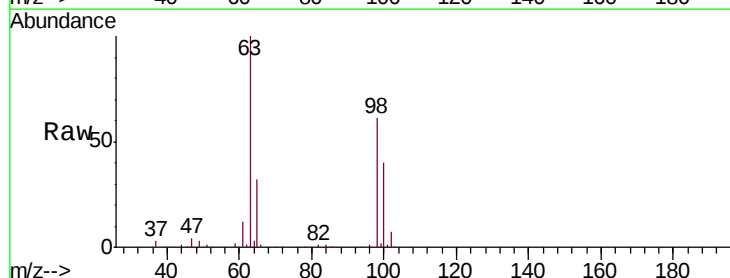
Tgt Ion: 101 Resp: 1054

Ion Ratio Lower Upper

101 100

85 4.4 33.6 50.4#

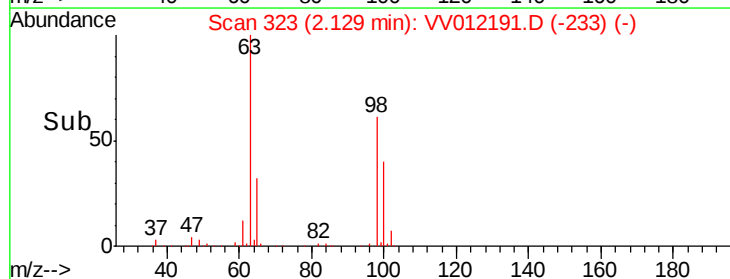
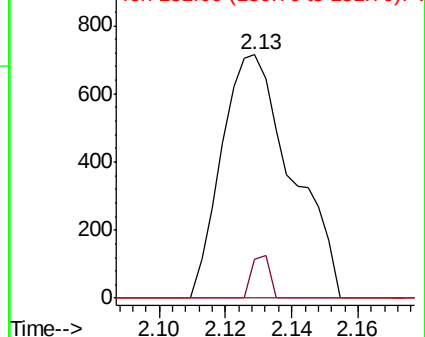
151 0.0 71.8 107.8#

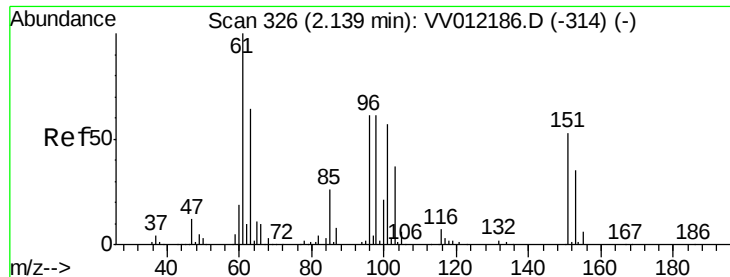


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.669 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

Instrument :

MSVOA_V

ClientSampleId :

F2B07DL

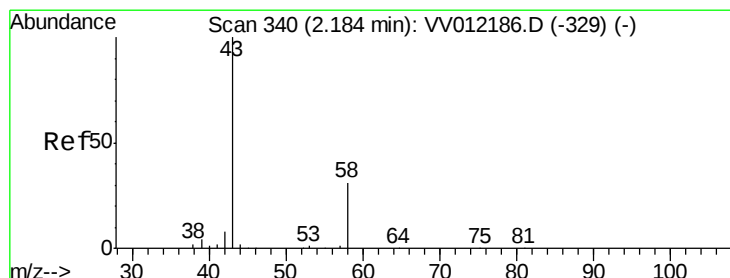
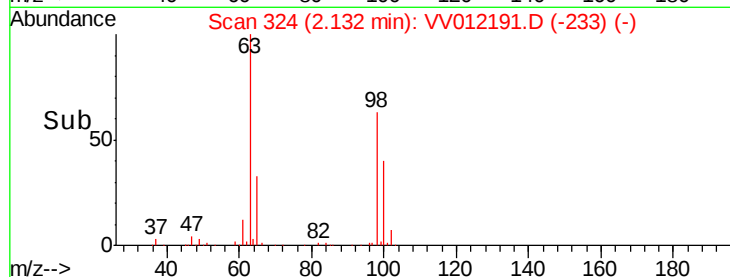
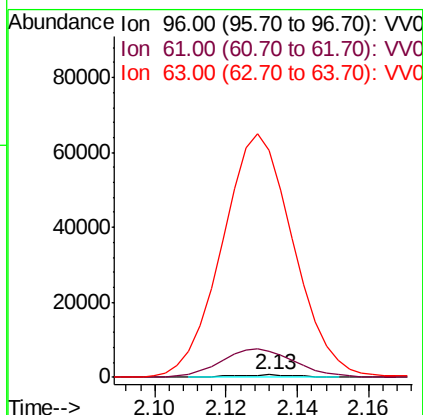
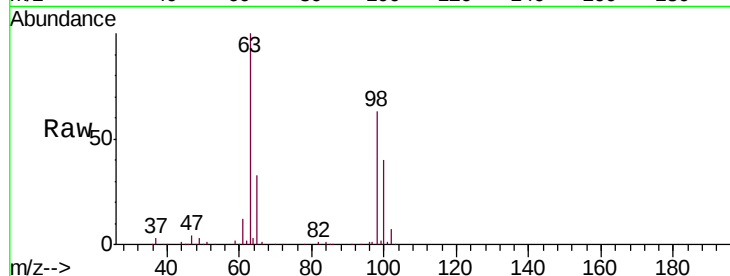
Tgt Ion: 96 Resp: 951

Ion Ratio Lower Upper

96 100

61 1052.5 115.1 213.8#

63 9103.2 83.9 155.7#



#13

Acetone

Concen: 0.643 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV012191.D

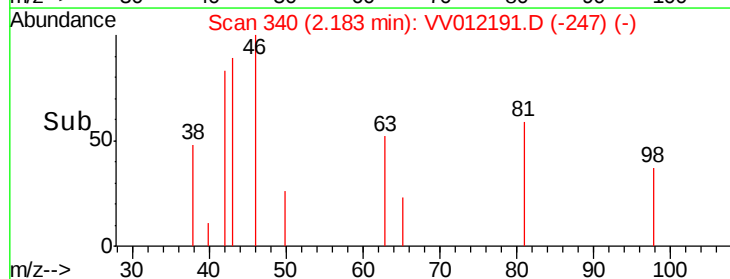
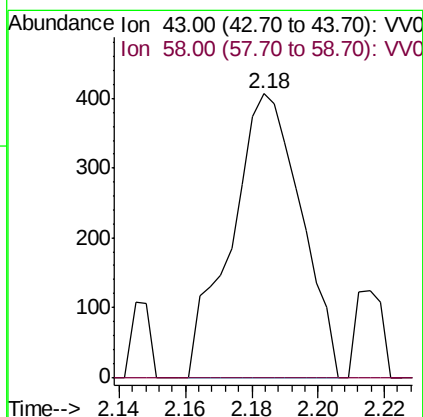
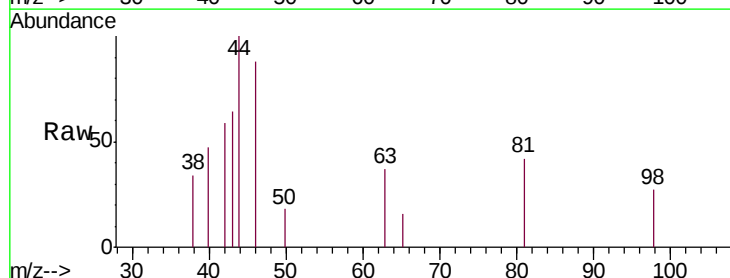
Acq: 11 Aug 2019 14:22

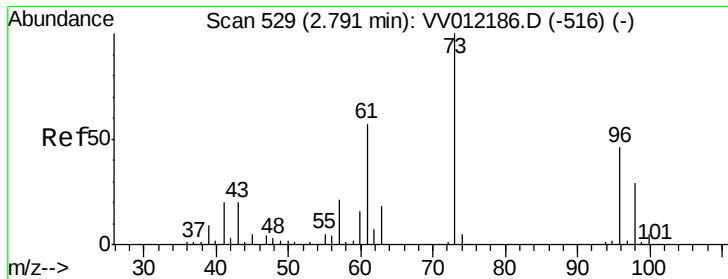
Tgt Ion: 43 Resp: 595

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4





#17

trans-1,2-Dichloroethene

Concen: 1.304 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

Instrument :

MSVOA_V

ClientSampleId :

F2B07DL

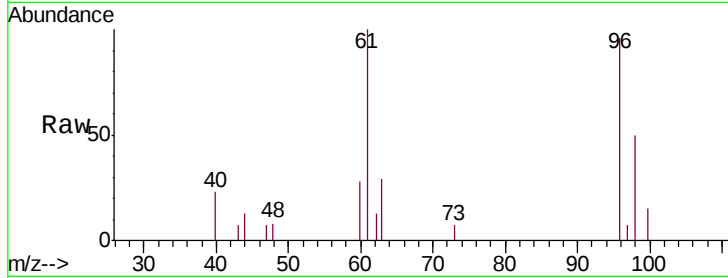
Tgt Ion: 96 Resp: 2702

Ion Ratio Lower Upper

96 100

61 104.2 89.3 165.9

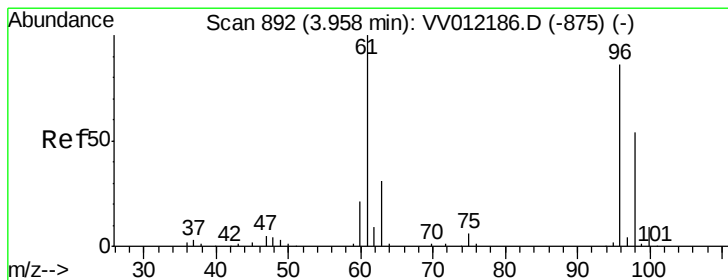
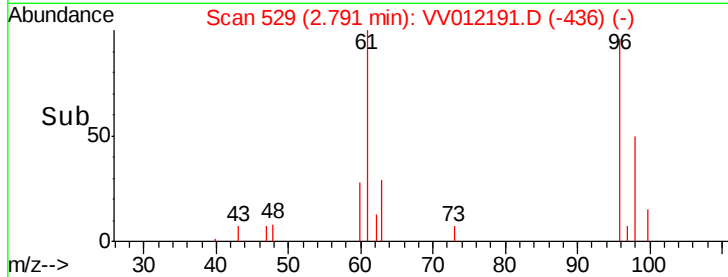
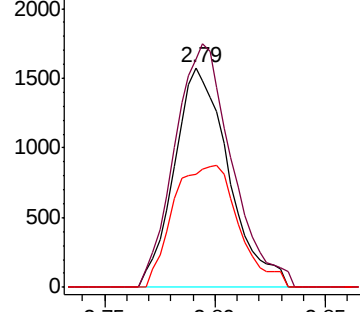
98 51.7 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV012186.D (-516) (-)

Ion 61.00 (60.70 to 61.70): VV012186.D (-516) (-)

Ion 98.00 (97.70 to 98.70): VV012186.D (-516) (-)



#20

cis-1,2-Dichloroethene

Concen: 28.578 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

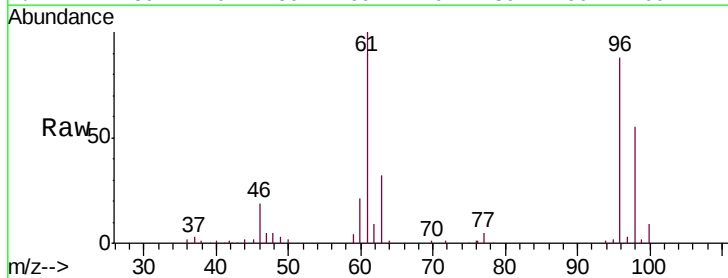
Tgt Ion: 96 Resp: 67297

Ion Ratio Lower Upper

96 100

61 113.3 82.9 153.9

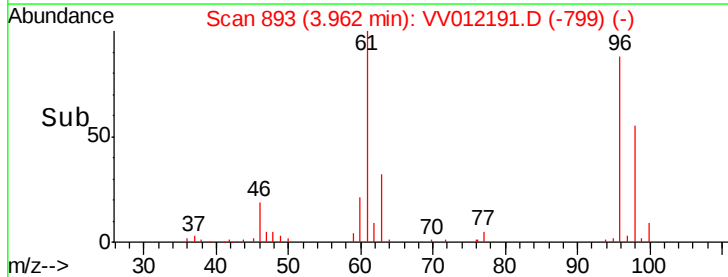
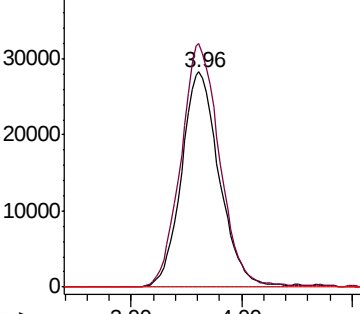
68 0.0 0.0 0.0

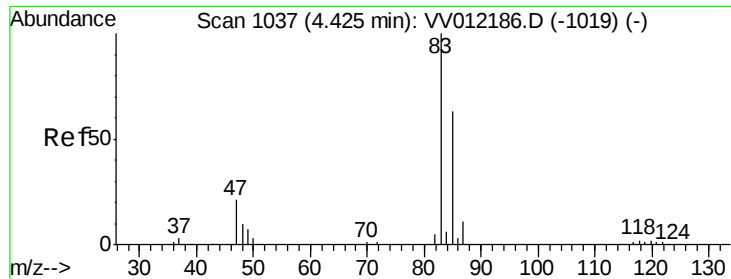


Abundance Ion 96.00 (95.70 to 96.70): VV012186.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV012186.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV012186.D (-875) (-)

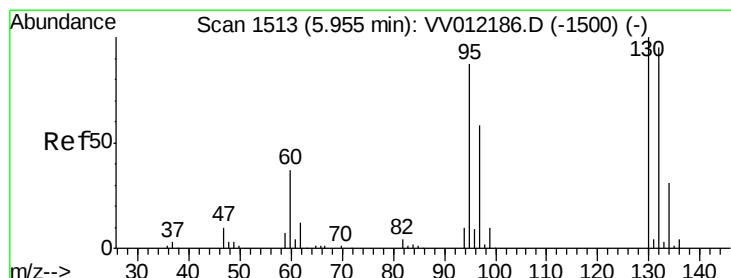
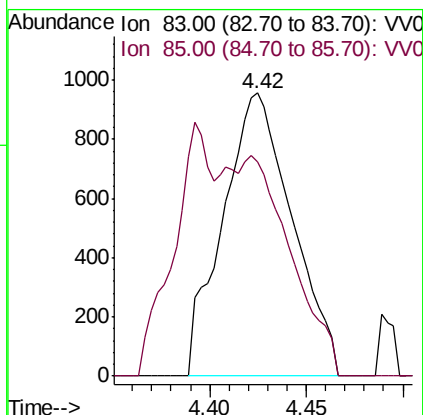
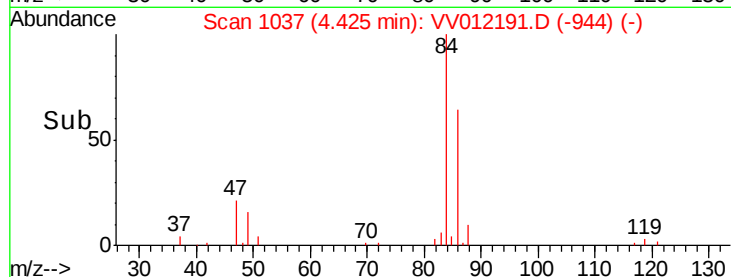
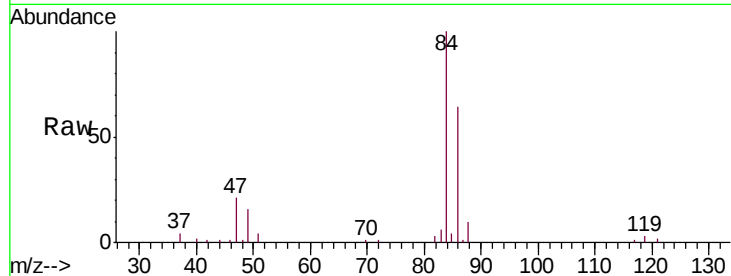




#25
Chloroform
Concen: 0.582 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012191.D
Acq: 11 Aug 2019 14:22

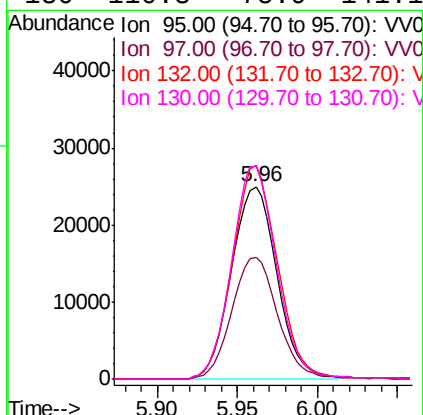
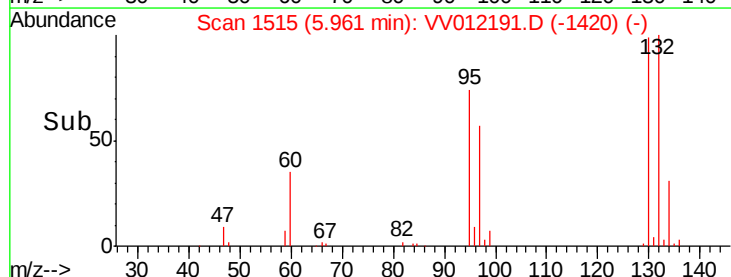
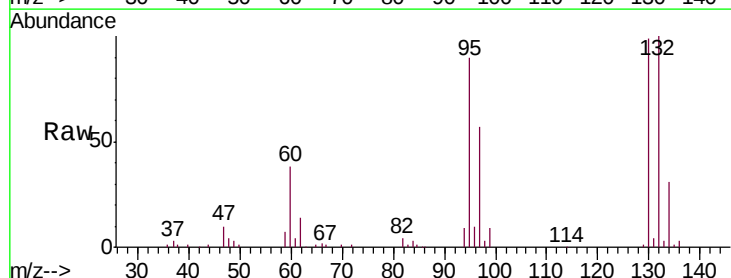
Instrument :
MSVOA_V
ClientSampled :
F2B07DL

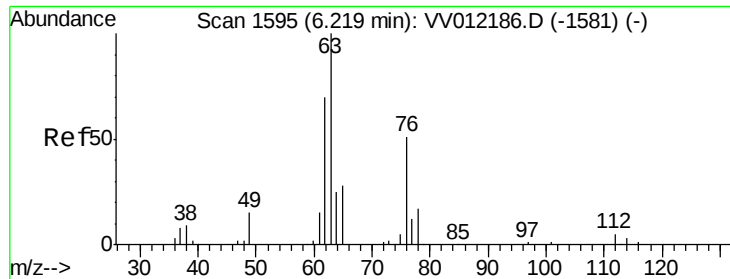
Tgt Ion: 83 Resp: 2381
Ion Ratio Lower Upper
83 100
85 75.7 45.7 84.9



#34
Trichloroethene
Concen: 21.348 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012191.D
Acq: 11 Aug 2019 14:22

Tgt Ion: 95 Resp: 48552
Ion Ratio Lower Upper
95 100
97 63.2 44.7 83.1
132 111.1 72.7 134.9
130 110.3 75.9 141.1

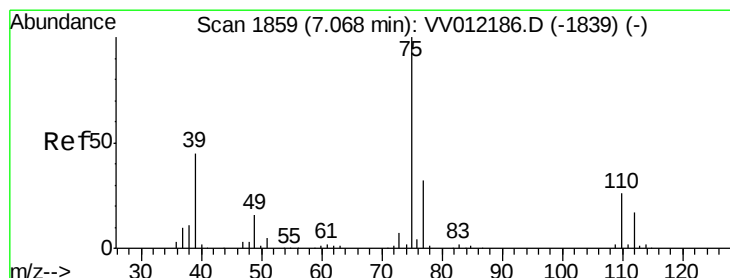
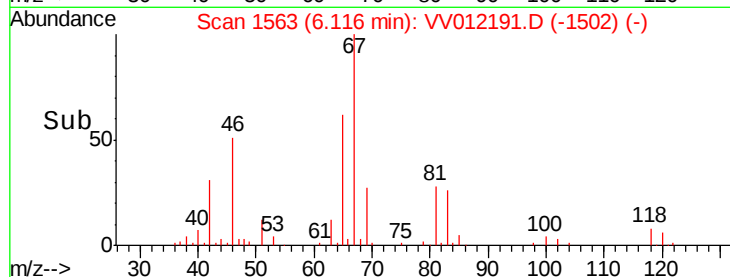
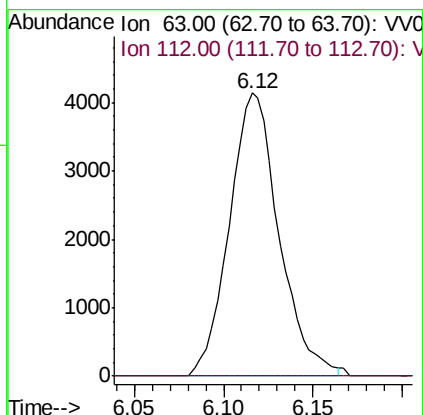
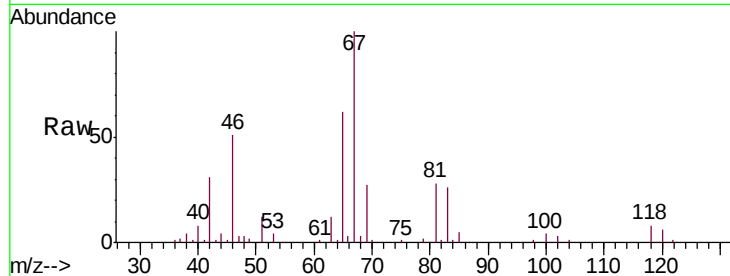




#37
 1,2-Dichloropropane
 Concen: 4.005 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012191.D
 Acq: 11 Aug 2019 14:22

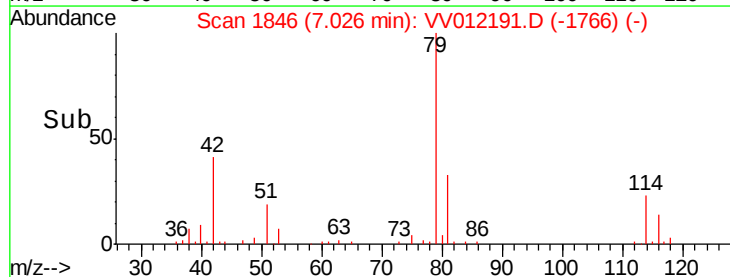
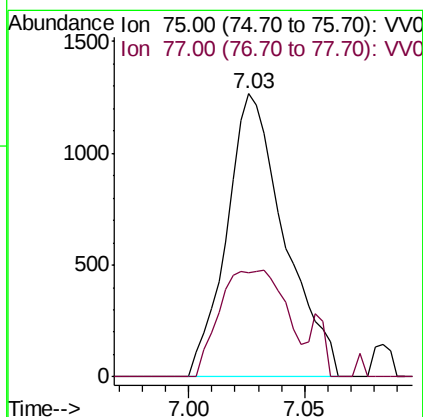
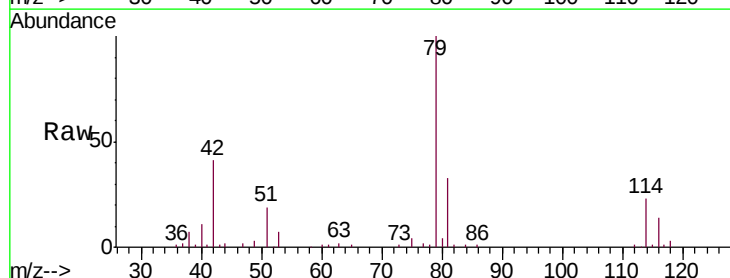
Instrument :
 MSVOA_V
 ClientSampleId :
 F2B07DL

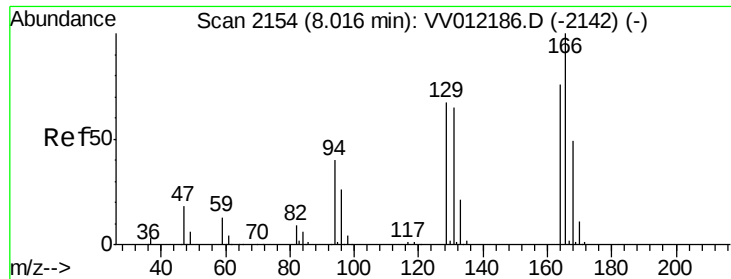
Tgt Ion: 63 Resp: 8028
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.634 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012191.D
 Acq: 11 Aug 2019 14:22

Tgt Ion: 75 Resp: 2191
 Ion Ratio Lower Upper
 75 100
 77 37.0 21.7 40.3





#46

Tetrachloroethene

Concen: 1.782 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

Instrument :

MSVOA_V

ClientSampleId :

F2B07DL

Tgt Ion:164 Resp: 3874

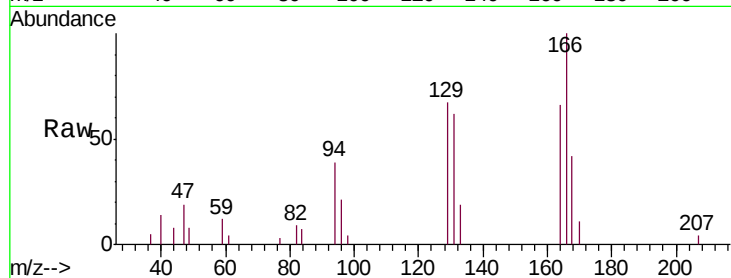
Ion Ratio Lower Upper

164 100

129 101.6 60.6 112.6

131 94.4 59.5 110.5

166 151.1 87.2 161.9

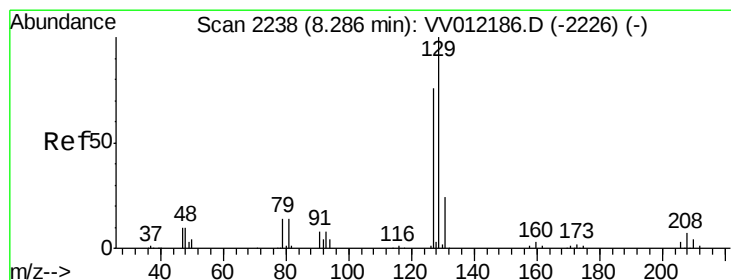
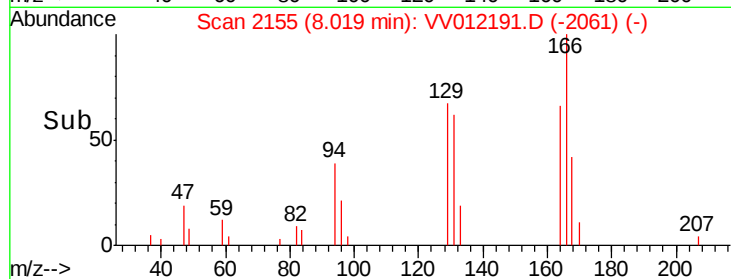
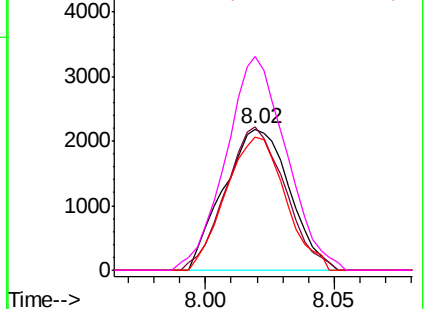


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 1.260 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV012191.D

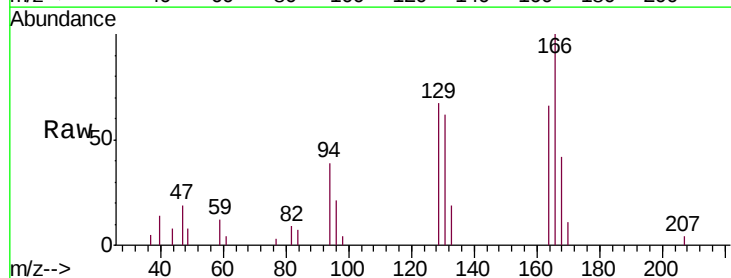
Acq: 11 Aug 2019 14:22

Tgt Ion:129 Resp: 3537

Ion Ratio Lower Upper

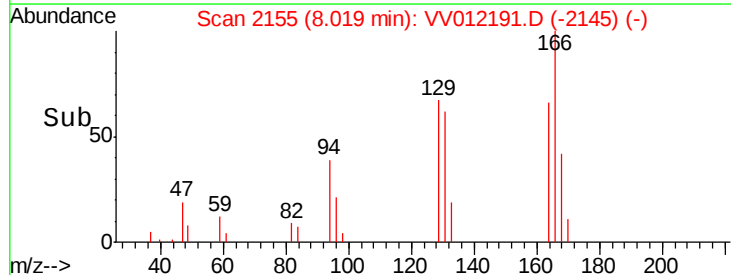
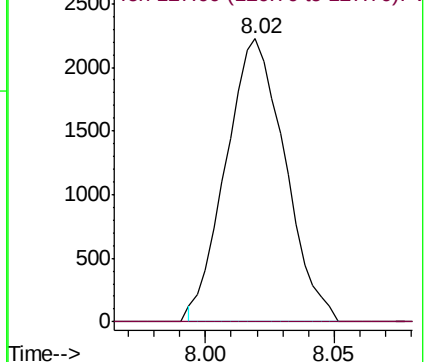
129 100

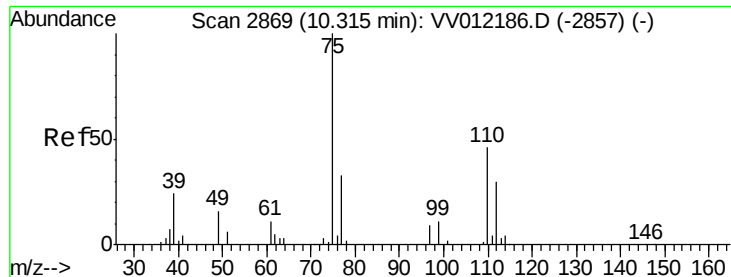
127 0.0 53.8 99.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.351 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012191.D

Acq: 11 Aug 2019 14:22

Instrument :

MSVOA_V

ClientSampleId :

F2B07DL

Tgt Ion: 75 Resp: 14472

Ion Ratio Lower Upper

75 100

77 37.6 26.3 39.5

