

Data File : VV008746.D
Acq On : 28 Nov 2018 19:20
Operator : SY/MD
Sample : J6076-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALQ9

Quant Time: Nov 29 03:28:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	146500	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40944	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.59	69	32975	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	62089	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.98	46	127535	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	4.41	84	99370	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.09	65	51490	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.10	84	205856	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	64448	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	184556	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	20374	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.14	63	87315	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40537	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	63004	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33460	2.658 ug/L	99
9) Trichlorofluoromethane	1.77	101	16093	1.157 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	706	0.086 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	1968	0.269 ug/L #	1
19) 1,1-Dichloroethane	3.24	63	4374	0.247 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	1497	0.138 ug/L	90
25) Chloroform	4.44	83	2536	0.135 ug/L	89
34) Trichloroethene	5.96	95	10726	0.958 ug/L	99
35) Methylcyclohexane	6.12	83	15449	0.866 ug/L #	18
39) cis-1,3-Dichloropropene	7.04	75	1824	0.135 ug/L #	69
44) trans-1,3-Dichloropropene	7.67	75	984	0.093 ug/L	100
47) Tetrachloroethene	8.02	164	54579	6.467 ug/L	98
49) Dibromochloromethane	8.02	129	51261	7.211 ug/L #	10

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

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ALS Vial      : 17      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
YALO9

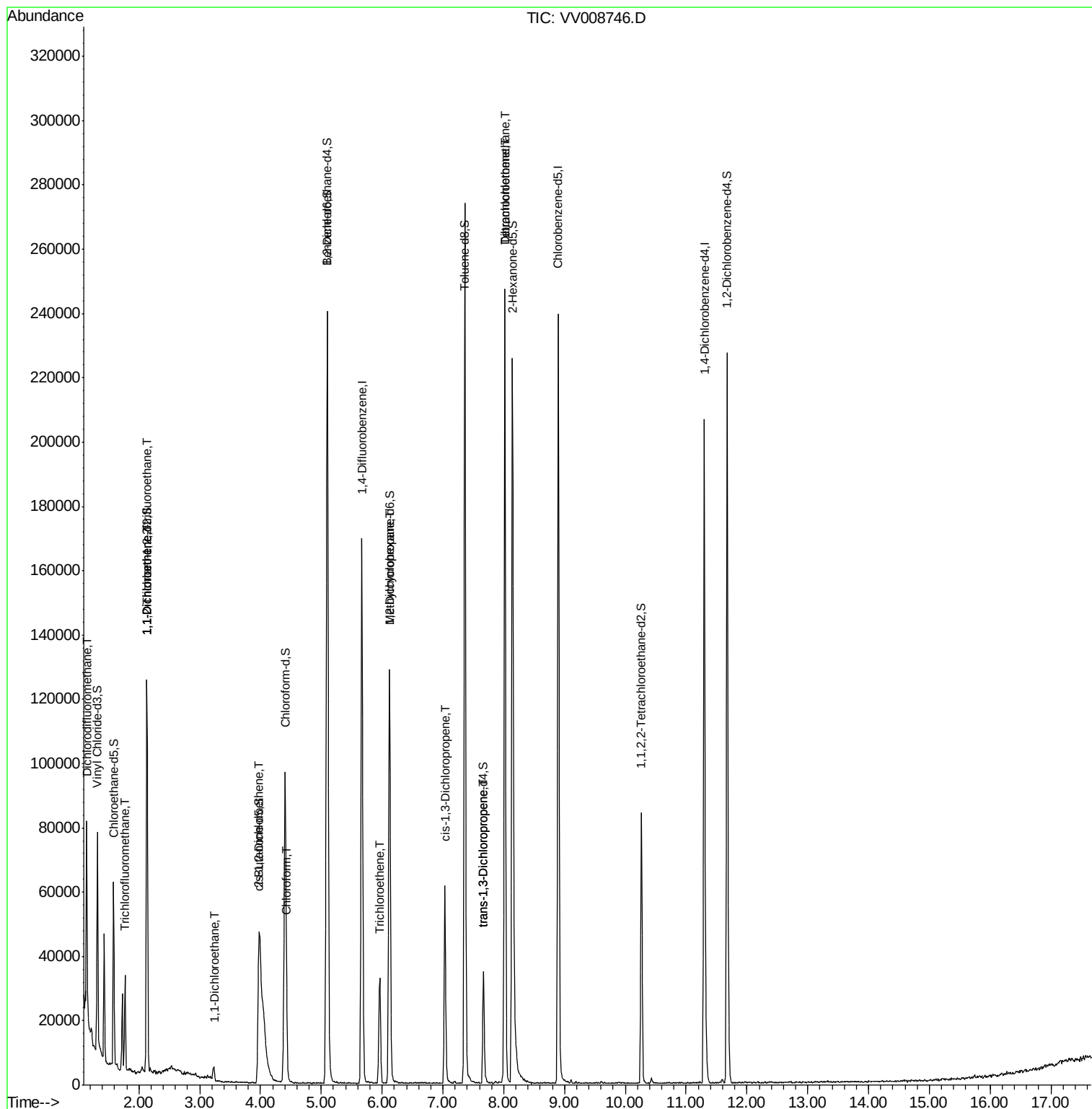
Quant Time: Nov 29 03:28:00 2018

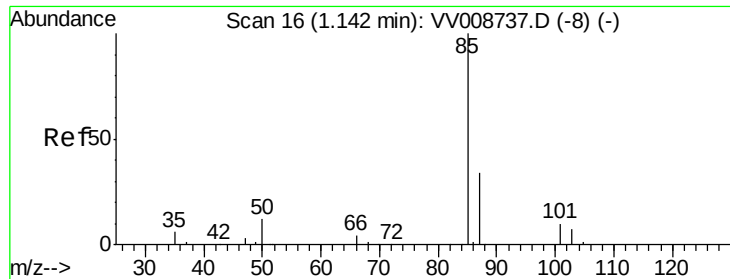
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR112818WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 29 03:24:09 2018

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.658 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_V

ClientSampleId :

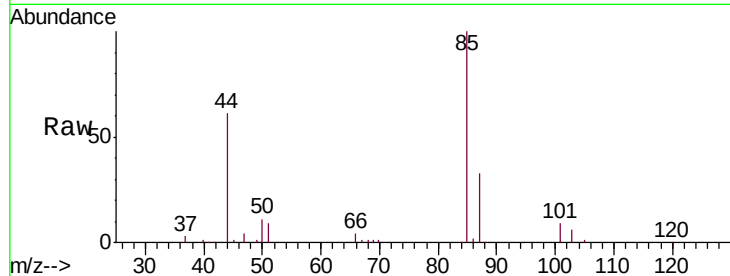
YALQ9

Tgt Ion: 85 Resp: 33460

Ion Ratio Lower Upper

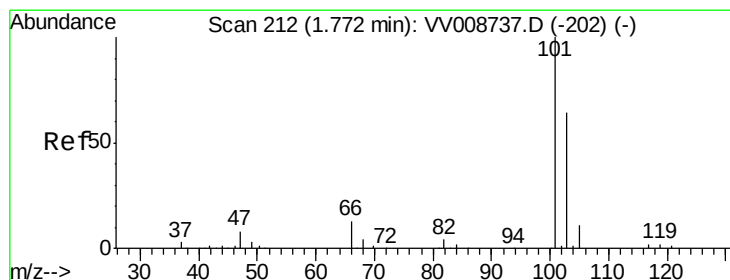
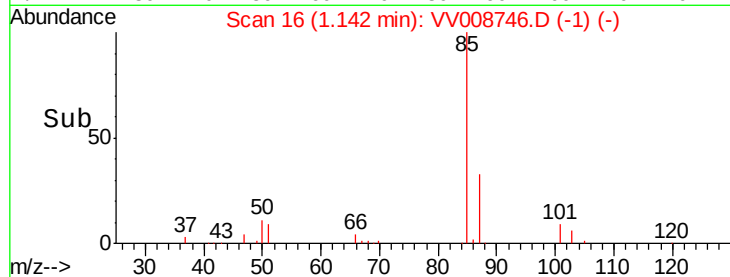
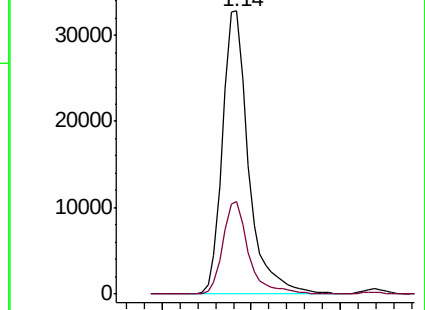
85 100

87 32.2 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV008737.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008737.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 1.157 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008746.D

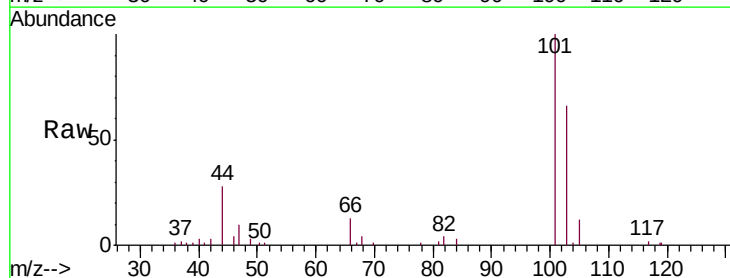
Acq: 28 Nov 2018 19:20

Tgt Ion: 101 Resp: 16093

Ion Ratio Lower Upper

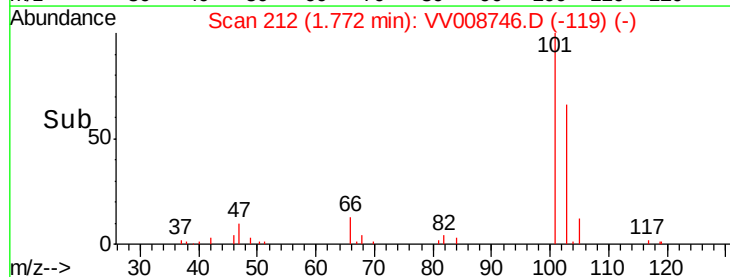
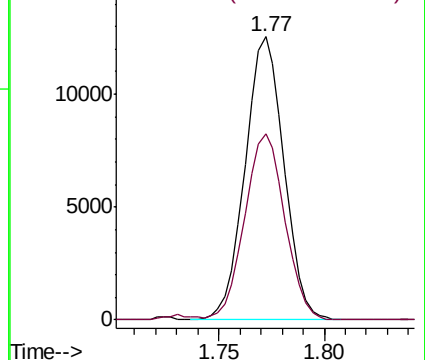
101 100

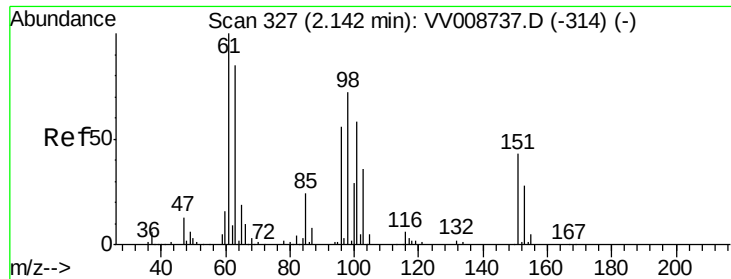
103 67.9 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV008737.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008737.D (-202) (-)





#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_V

ClientSampleId :

YALQ9

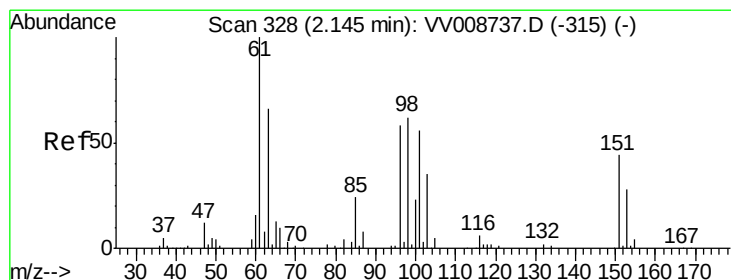
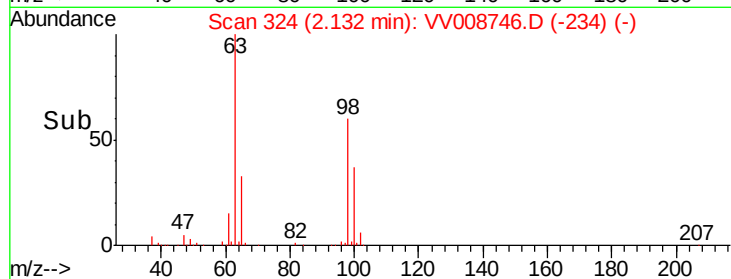
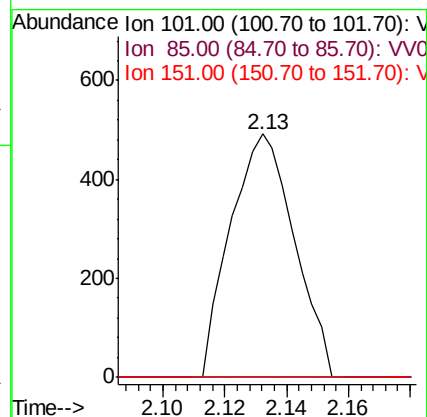
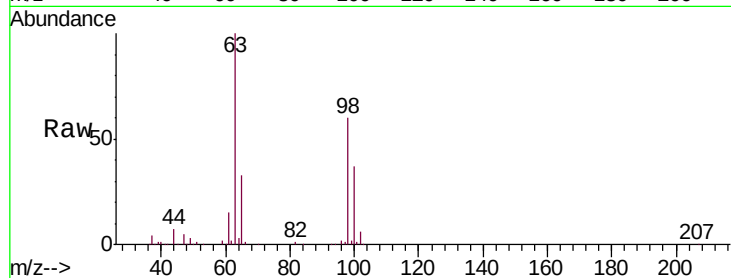
Tgt Ion: 101 Resp: 706

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 62.6 94.0#



#12

1,1-Dichloroethene

Concen: 0.269 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

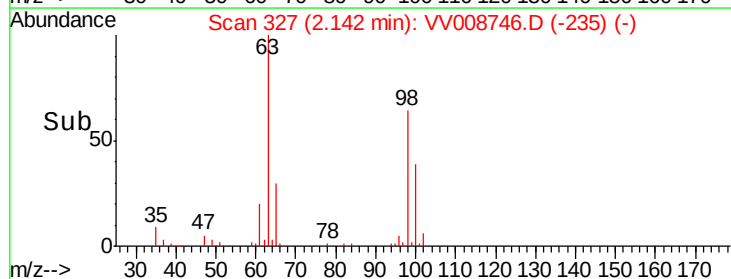
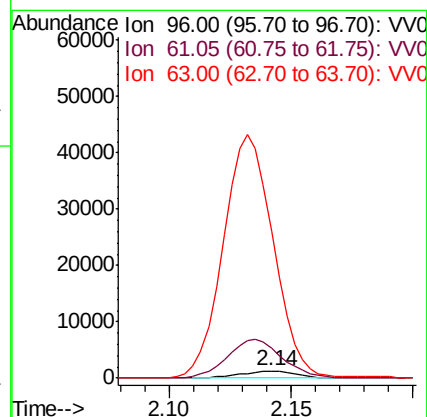
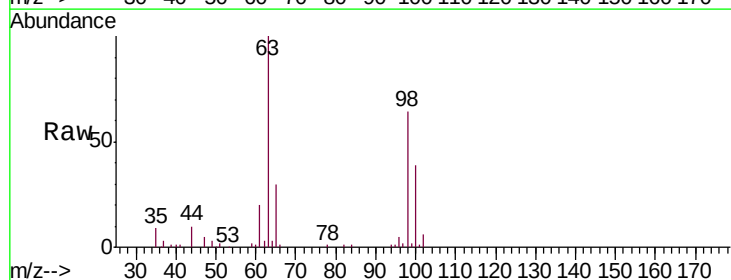
Tgt Ion: 96 Resp: 1968

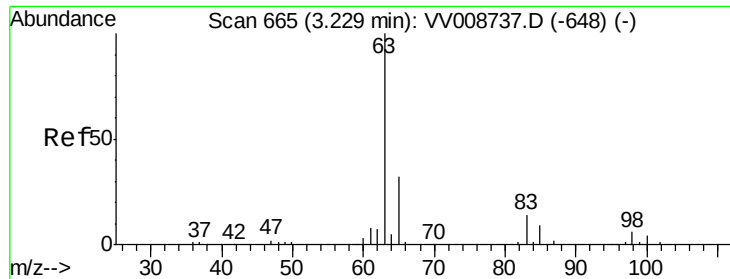
Ion Ratio Lower Upper

96 100

61 432.4 118.0 219.2#

63 2145.2 95.3 177.1#

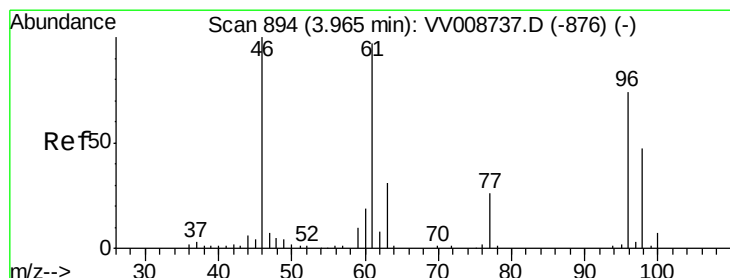
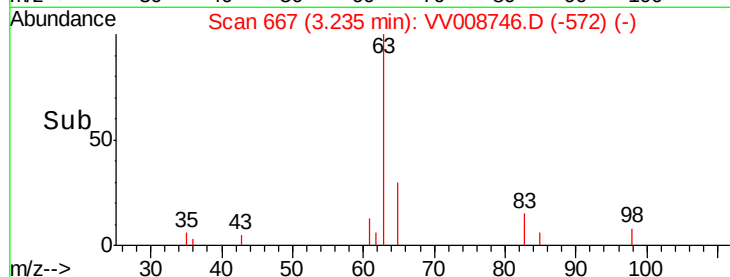
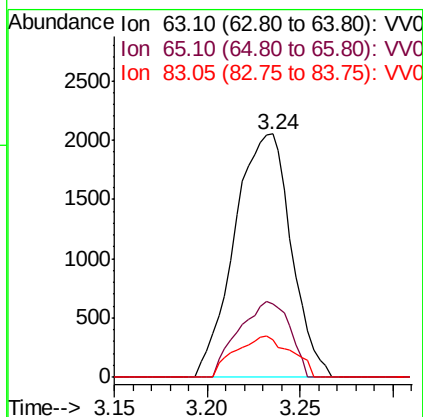
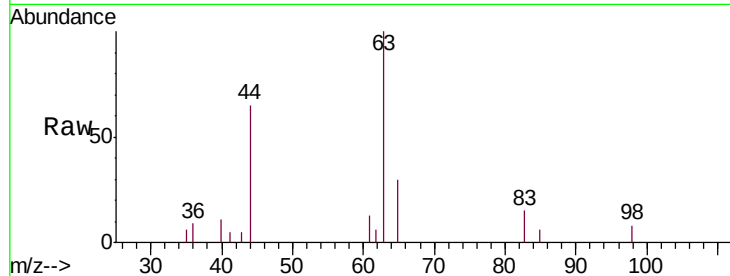




#19
 1,1-Dichloroethane
 Concen: 0.247 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV008746.D
 Acq: 28 Nov 2018 19:20

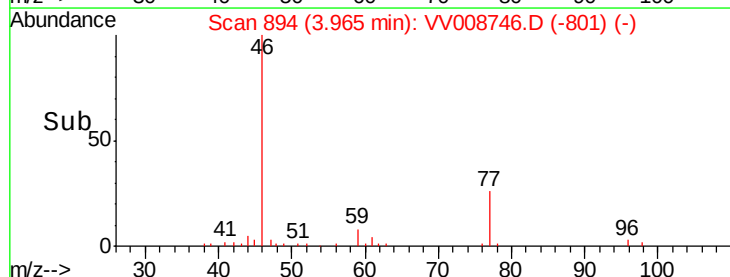
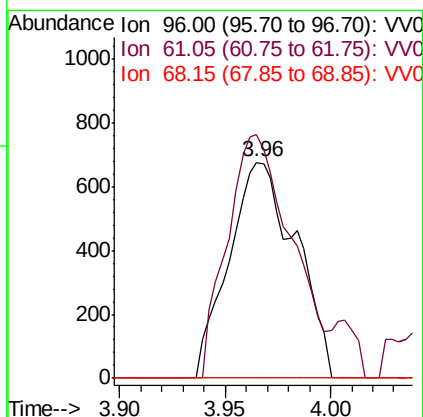
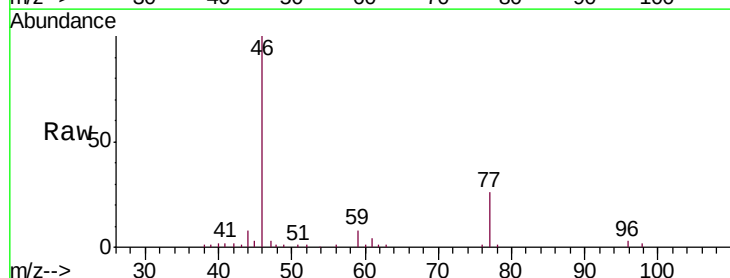
Instrument :
 MSVOA_V
 ClientSampled :
 YALQ9

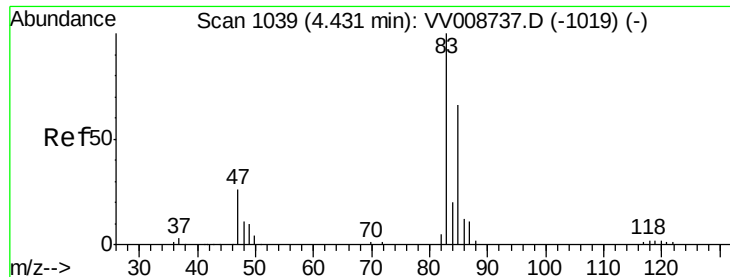
Tgt Ion: 63 Resp: 4374
 Ion Ratio Lower Upper
 63 100
 65 30.3 21.6 40.2
 83 15.2 9.2 17.2



#22
 cis-1,2-Dichloroethene
 Concen: 0.138 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008746.D
 Acq: 28 Nov 2018 19:20

Tgt Ion: 96 Resp: 1497
 Ion Ratio Lower Upper
 96 100
 61 112.9 86.9 161.3
 68 0.0 0.0 0.0

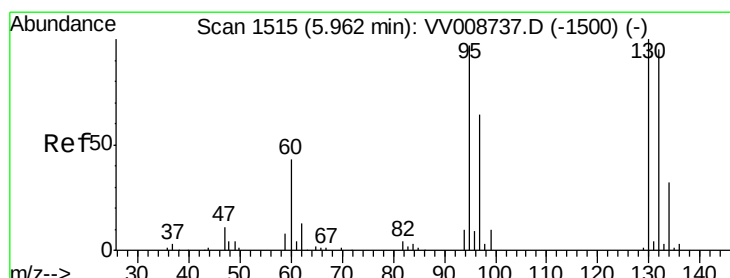
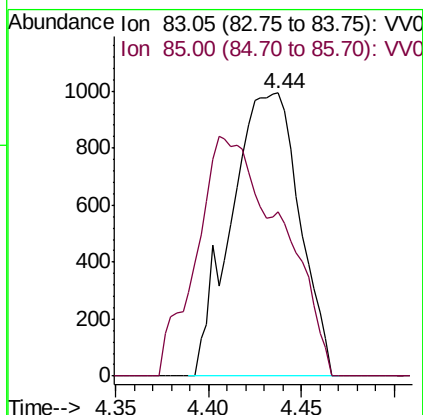
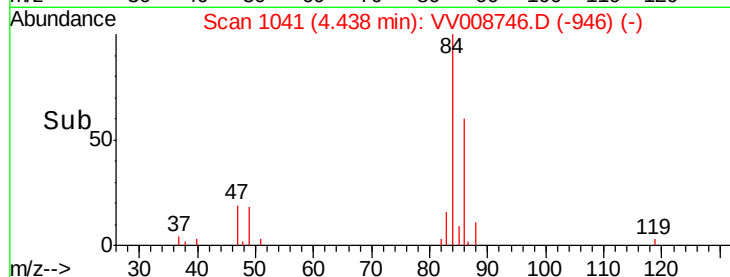
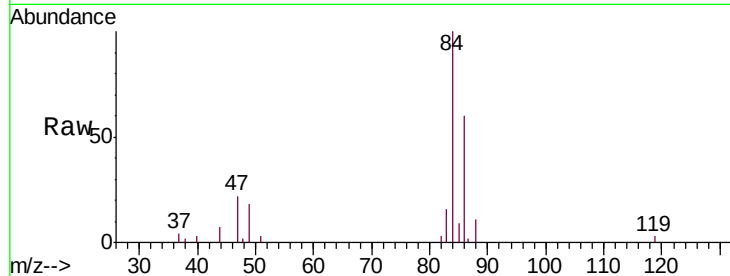




#25
Chloroform
Concen: 0.135 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VV008746.D
Acq: 28 Nov 2018 19:20

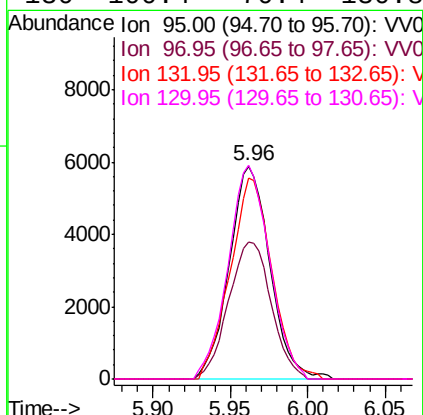
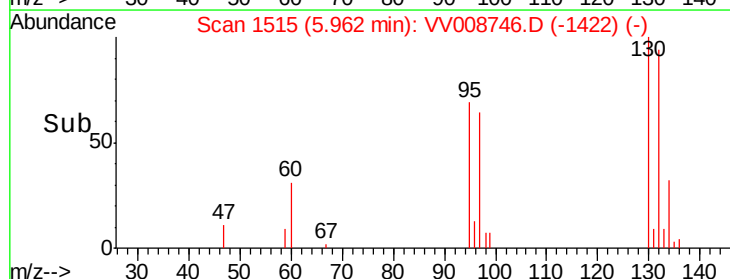
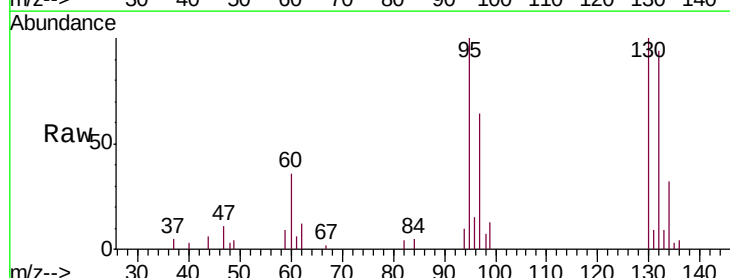
Instrument :
MSVOA_V
ClientSampled :
YALQ9

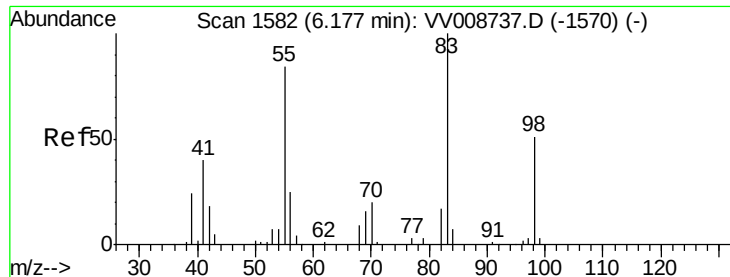
Tgt Ion: 83 Resp: 2536
Ion Ratio Lower Upper
83 100
85 57.9 46.4 86.2



#34
Trichloroethene
Concen: 0.958 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008746.D
Acq: 28 Nov 2018 19:20

Tgt Ion: 95 Resp: 10726
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.9
132 94.2 68.0 126.4
130 100.4 70.4 130.8

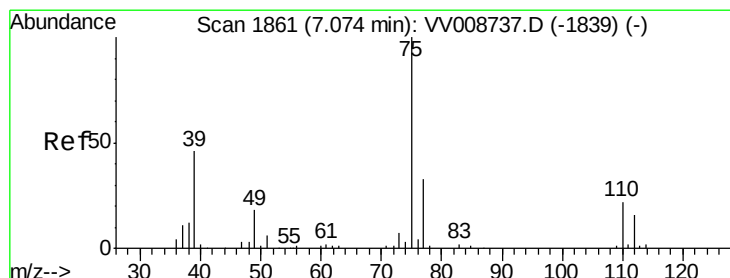
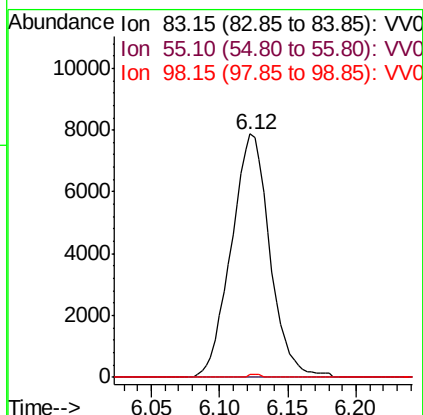
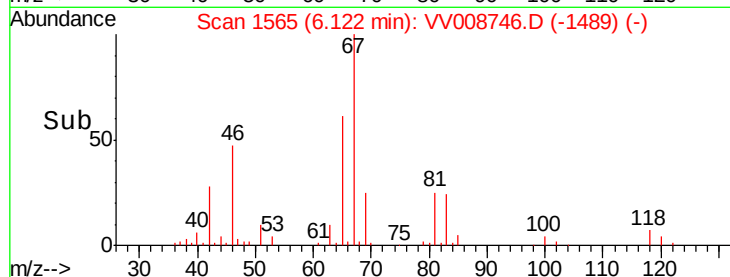
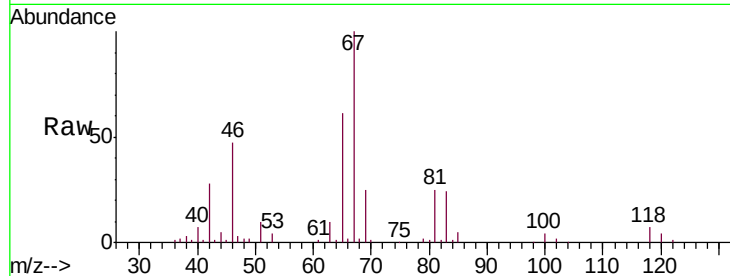




#35
Methylcyclohexane
Concen: 0.866 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008746.D
Acq: 28 Nov 2018 19:20

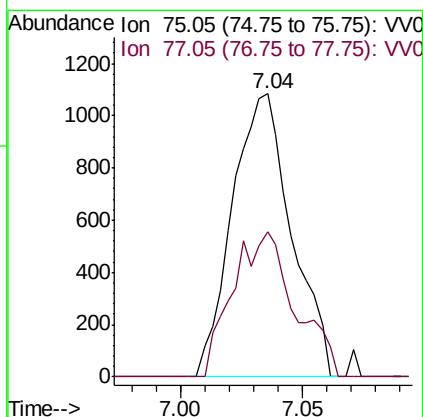
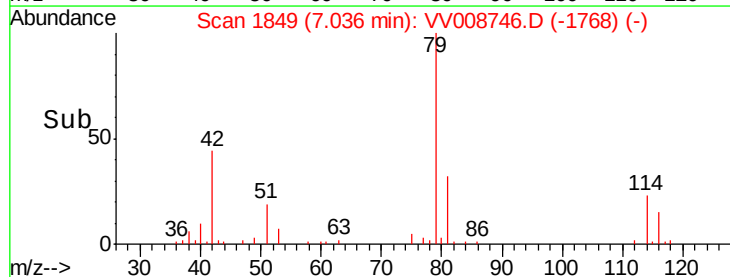
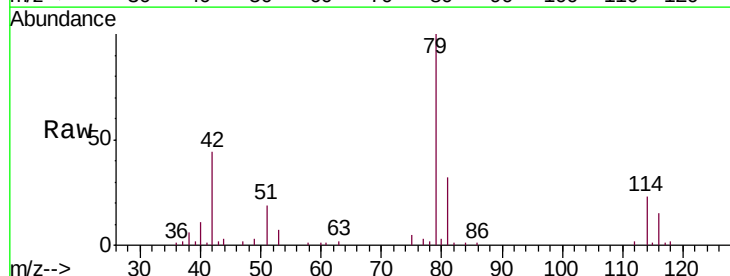
Instrument :
MSVOA_V
ClientSampled :
YALQ9

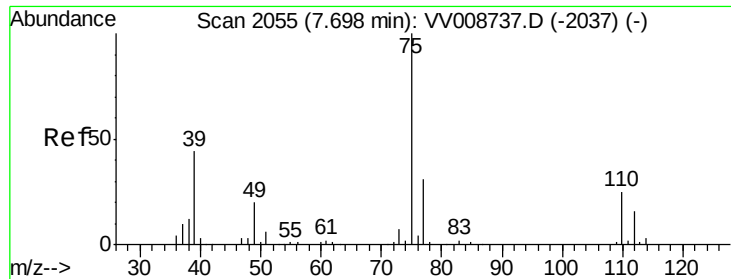
Tgt Ion: 83 Resp: 15449
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.4 37.1 55.7#



#39
cis-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008746.D
Acq: 28 Nov 2018 19:20

Tgt Ion: 75 Resp: 1824
Ion Ratio Lower Upper
75 100
77 51.5 23.8 44.2#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

Instrument :

MSVOA_V

ClientSampleId :

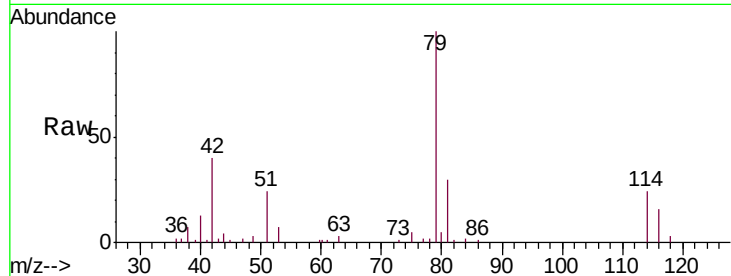
YALQ9

Tgt Ion: 75 Resp: 984

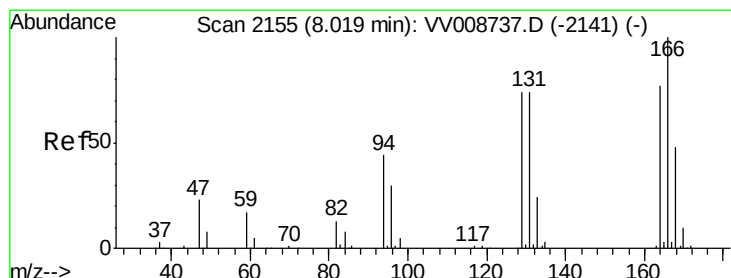
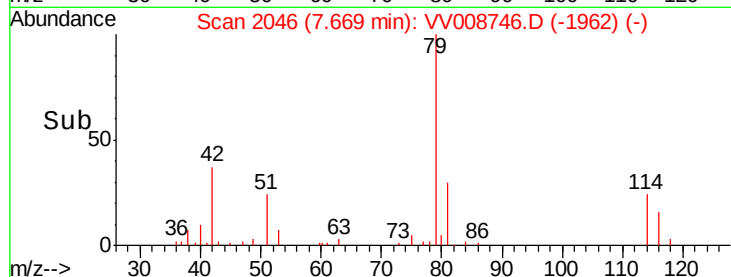
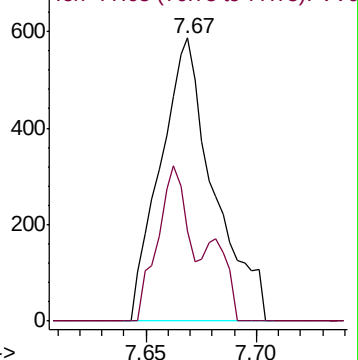
Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV008737.D (-2037) (-)



#47

Tetrachloroethene

Concen: 6.467 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

Tgt Ion: 164 Resp: 54579

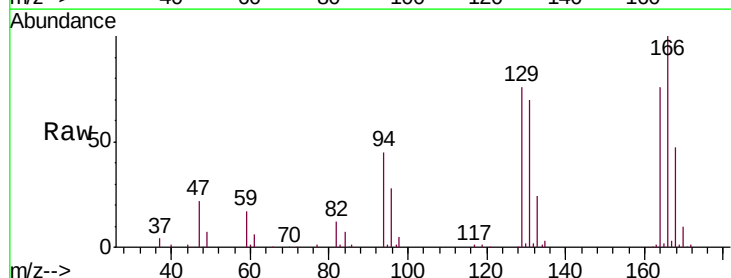
Ion Ratio Lower Upper

164 100

129 100.5 68.9 127.9

131 92.2 66.2 123.0

166 132.1 91.1 169.1

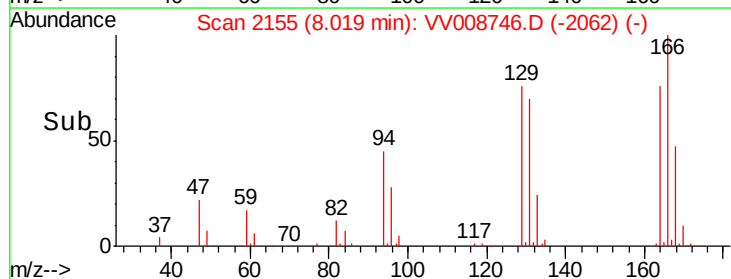
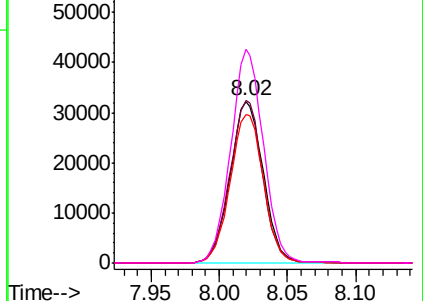


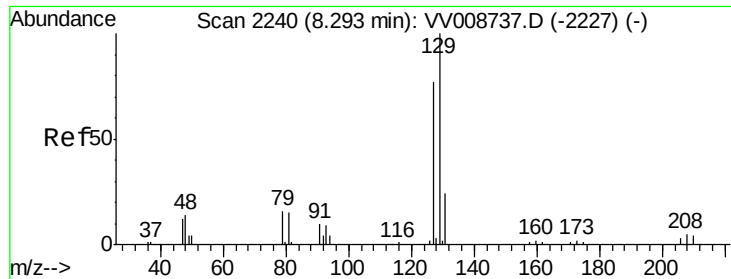
Abundance Ion 163.90 (163.60 to 164.60): VV008737.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV008737.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV008737.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV008737.D (-2141) (-)





#49

Dibromochloromethane

Concen: 7.211 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008746.D

Acq: 28 Nov 2018 19:20

Instrument :
MSVOA_V
ClientSampleId :
YALQ9

Tgt Ion:129 Resp: 51261

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#

