

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
 Data File : VV008652.D
 Acq On : 19 Nov 2018 15:41
 Operator : SY/MD
 Sample : J5995-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK7

Quant Time: Nov 20 07:00:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148241	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27599	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.59	69	22276	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.14	63	43693	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.96	46	114544	48.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	4.41	84	80076	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.09	65	42909	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	156081	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	51317	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	140556	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	17455	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	84245	43.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36779	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	49792	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

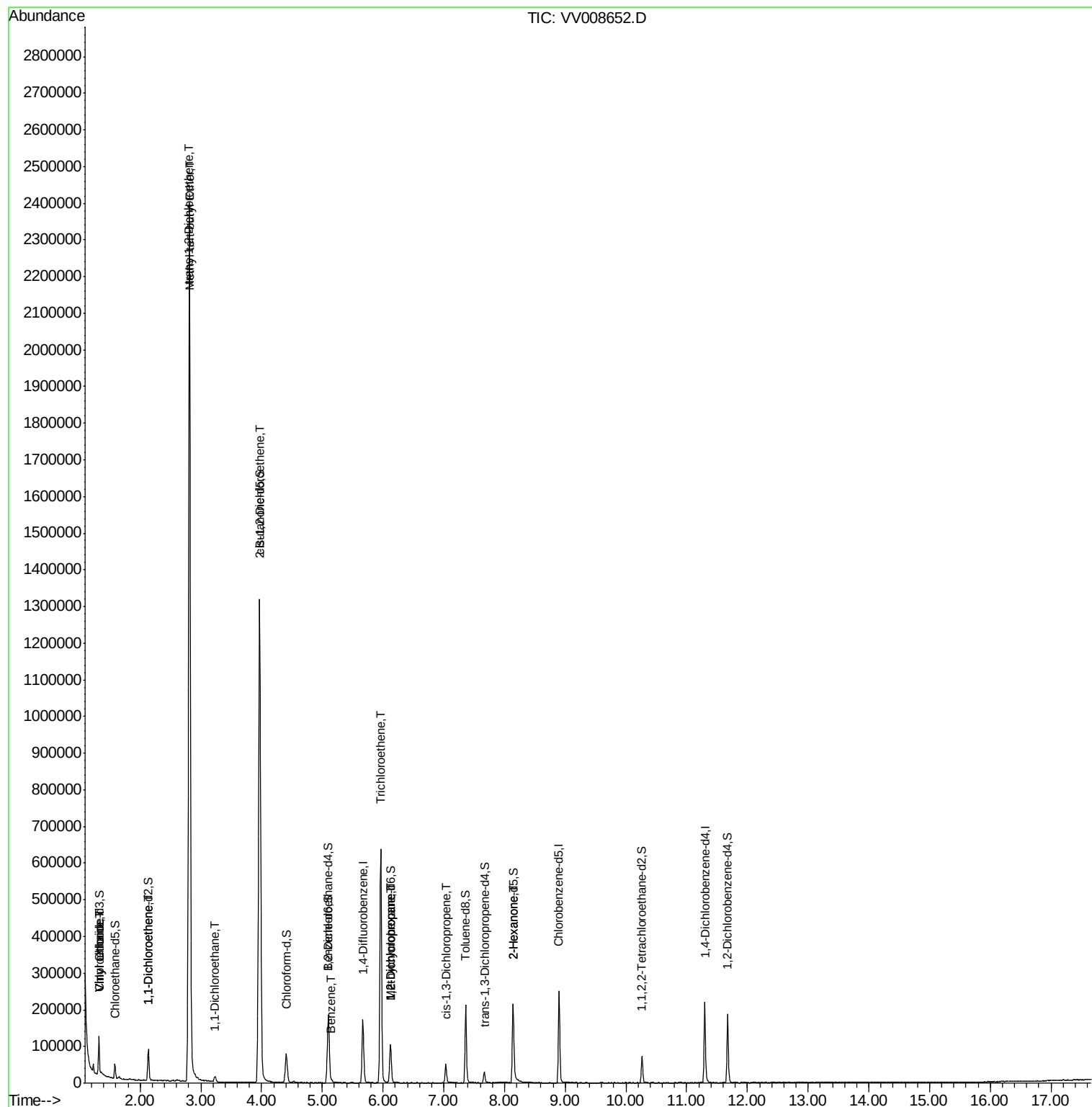
					Qvalue
5) Vinyl chloride	1.33	62	29075	3.101	ug/L 100
8) Chloroethane	1.33	64	9806	1.785	ug/L # 53
12) 1,1-Dichloroethene	2.15	96	1516	0.221	ug/L # 1
17) Methyl tert-butyl Ether	2.81	73	2448245	133.855	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	16631	2.229	ug/L 97
19) 1,1-Dichloroethane	3.23	63	14828	0.785	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	706217	62.718	ug/L 98
33) Benzene	5.15	78	5468	0.128	ug/L 100
34) Trichloroethene	5.96	95	228284	20.282	ug/L 98
35) Methylcyclohexane	6.12	83	11853	0.622	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	5832	0.521	ug/L # 89
39) cis-1,3-Dichloropropene	7.03	75	1239	0.082	ug/L # 23
48) 2-Hexanone	8.14	43	10234	2.314	ug/L # 72

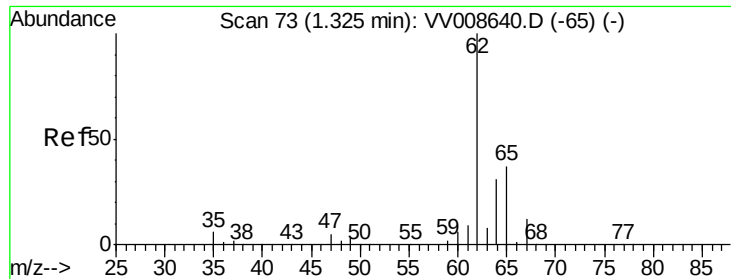
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111918\
Data File : VV008652.D
Acq On : 19 Nov 2018 15:41
Operator : SY/MD
Sample : J5995-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FK7

Quant Time: Nov 20 07:00:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.101 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

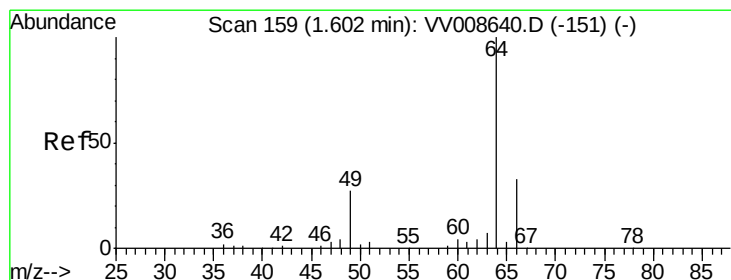
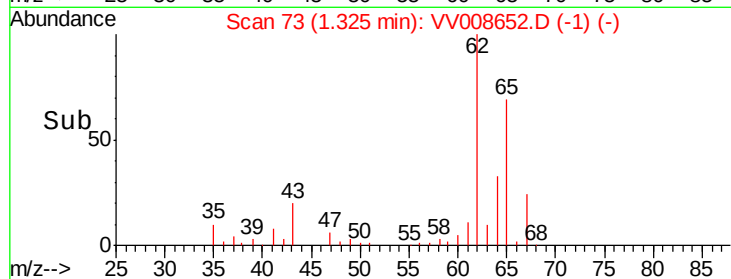
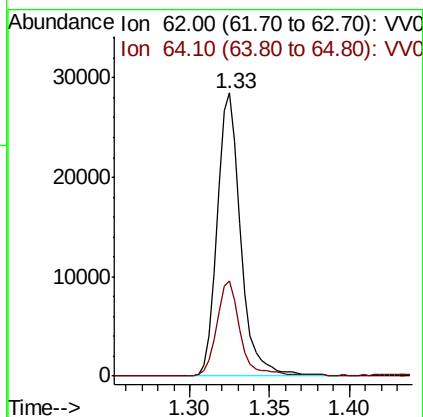
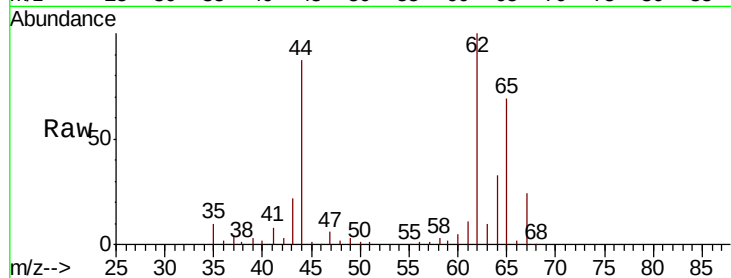
H0FK7

Tgt Ion: 62 Resp: 29075

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.4



#8

Chloroethane

Concen: 1.785 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.28 min

Lab File: VV008652.D

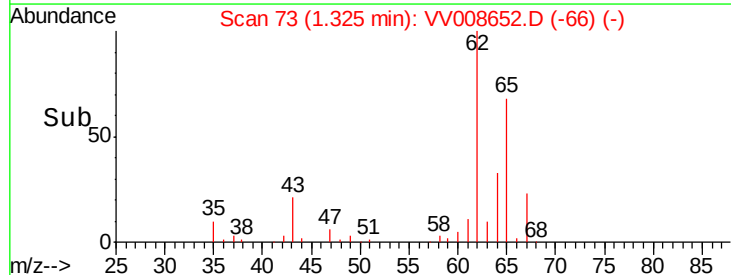
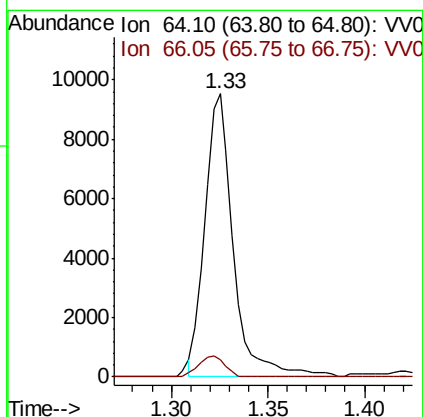
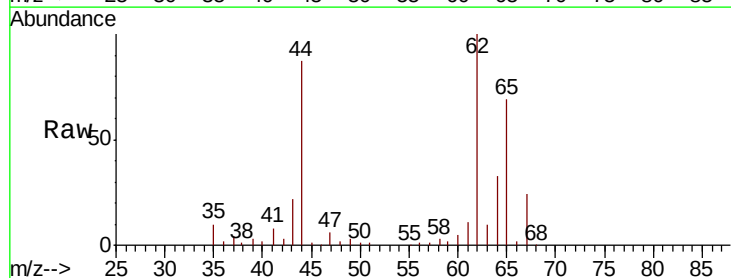
Acq: 19 Nov 2018 15:41

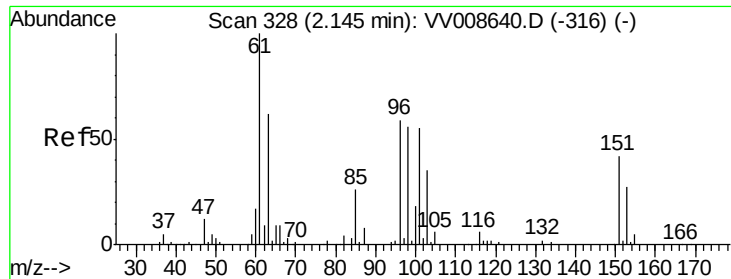
Tgt Ion: 64 Resp: 9806

Ion Ratio Lower Upper

64 100

66 6.0 22.7 42.3#

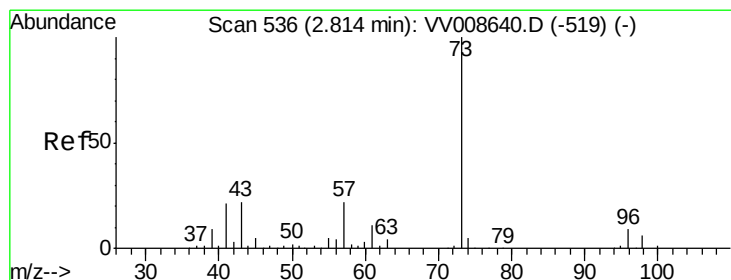
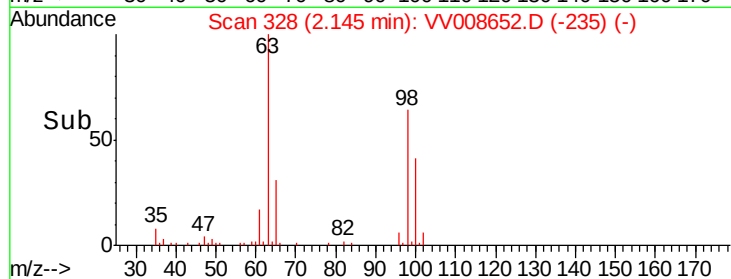
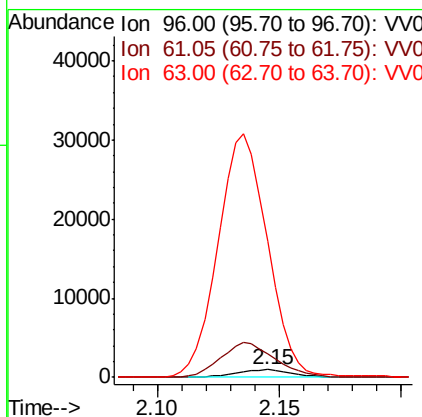
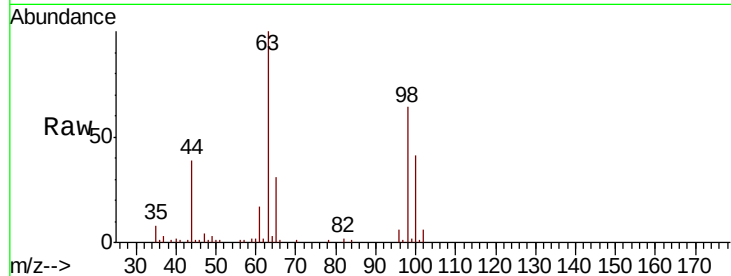




#12
 1,1-Dichloroethene
 Concen: 0.221 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008652.D
 Acq: 19 Nov 2018 15:41

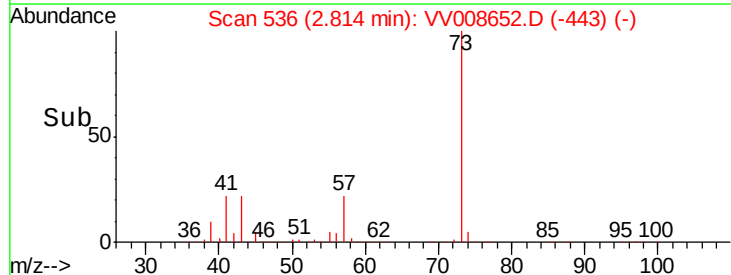
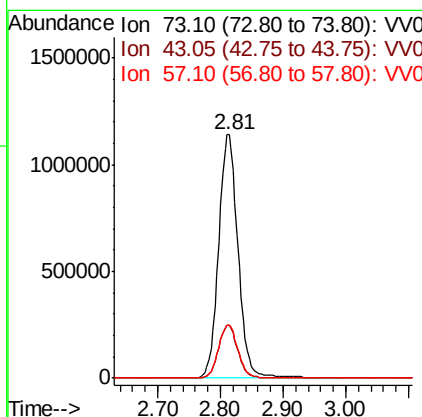
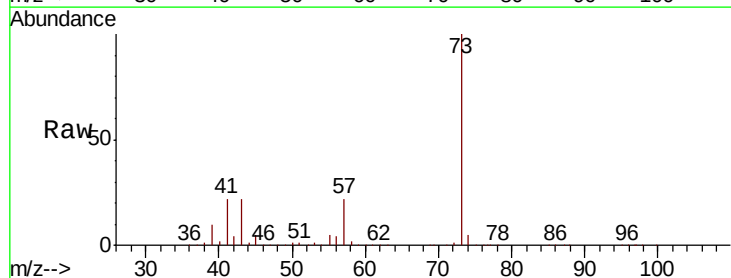
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK7

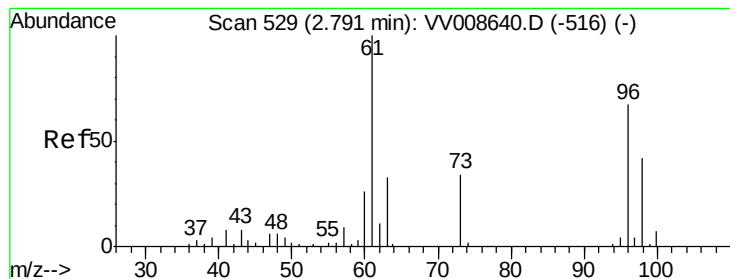
Tgt Ion: 96 Resp: 1516
 Ion Ratio Lower Upper
 96 100
 61 311.1 120.3 223.5#
 63 1813.3 82.5 153.3#



#17
 Methyl tert-butyl Ether
 Concen: 133.855 ug/L
 RT: 2.81 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VV008652.D
 Acq: 19 Nov 2018 15:41

Tgt Ion: 73 Resp: 2448245
 Ion Ratio Lower Upper
 73 100
 43 21.7 18.1 27.1
 57 22.1 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 2.229 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

H0FK7

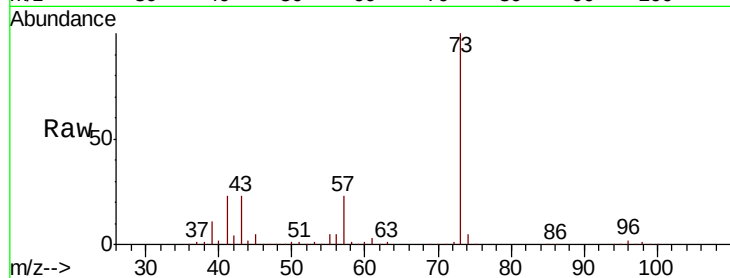
Tgt Ion: 96 Resp: 16631

Ion Ratio Lower Upper

96 100

61 142.3 97.1 180.3

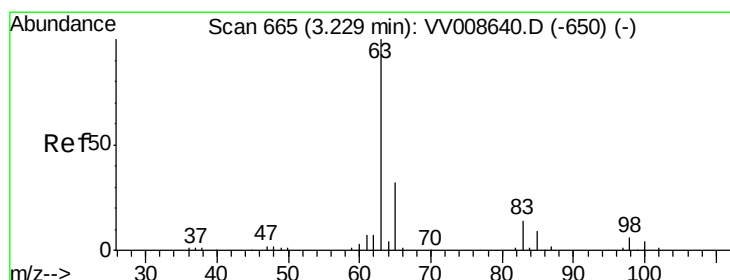
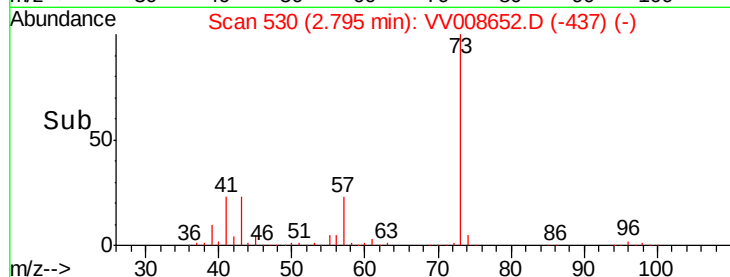
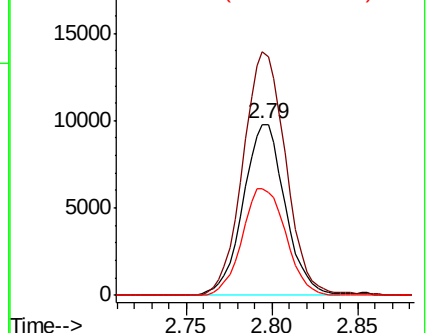
98 62.3 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV008640.D (-516) (-)

Ion 61.05 (60.75 to 61.75): VV008640.D (-516) (-)

Ion 97.95 (97.65 to 98.65): VV008640.D (-516) (-)



#19

1,1-Dichloroethane

Concen: 0.785 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

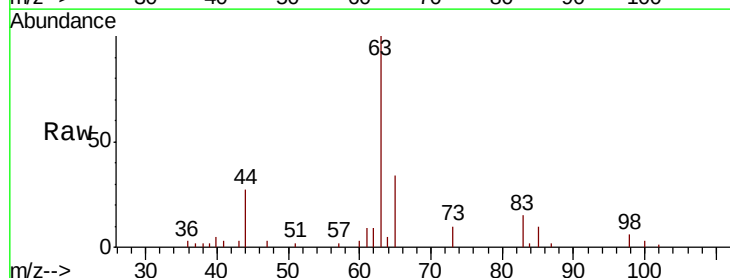
Tgt Ion: 63 Resp: 14828

Ion Ratio Lower Upper

63 100

65 33.9 23.2 43.0

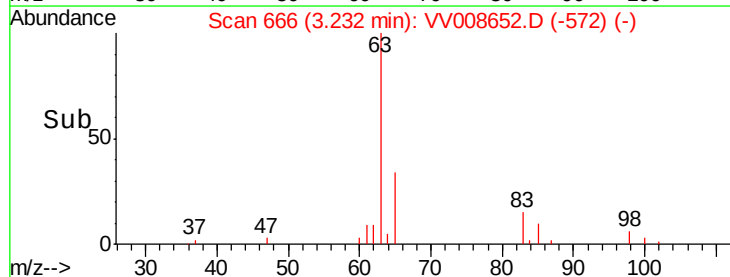
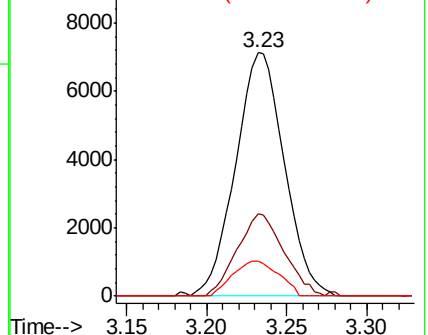
83 14.5 9.5 17.7

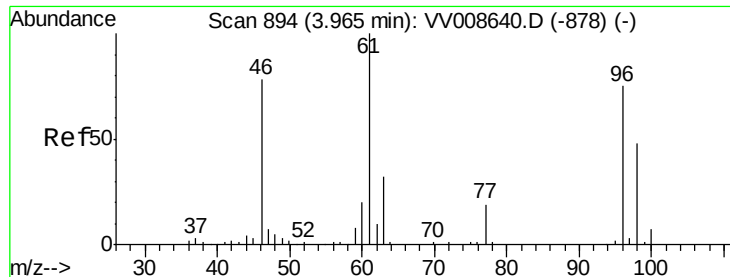


Abundance Ion 63.10 (62.80 to 63.80): VV008640.D (-650) (-)

Ion 65.10 (64.80 to 65.80): VV008640.D (-650) (-)

Ion 83.05 (82.75 to 83.75): VV008640.D (-650) (-)



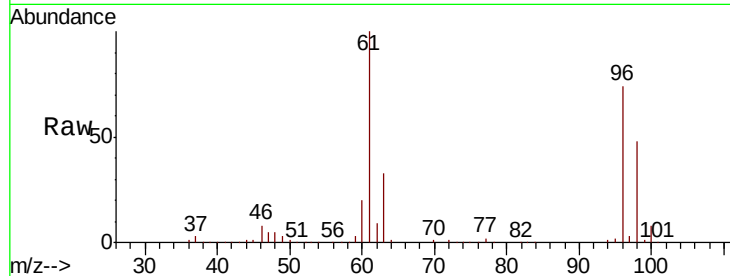


#22

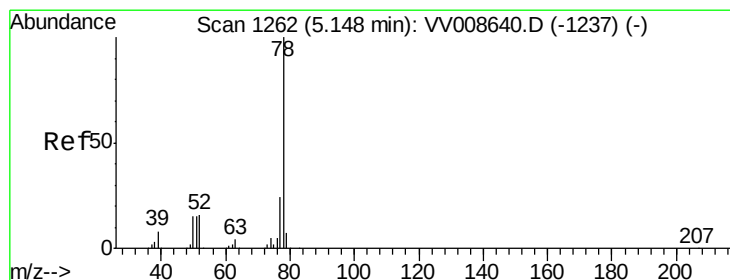
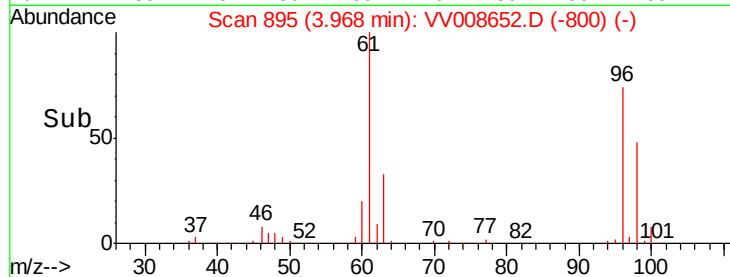
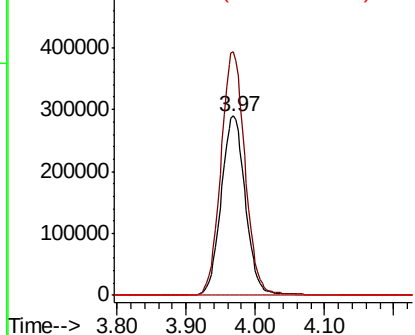
cis-1,2-Dichloroethene
 Concen: 62.718 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV008652.D
 Acq: 19 Nov 2018 15:41

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK7

Tgt Ion: 96 Resp: 706217
 Ion Ratio Lower Upper
 96 100
 61 135.6 93.2 173.2
 68 0.0 0.0 0.0



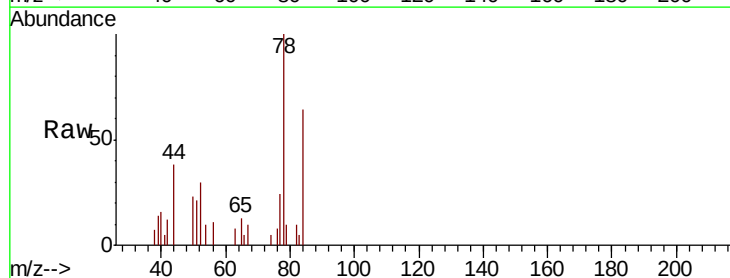
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



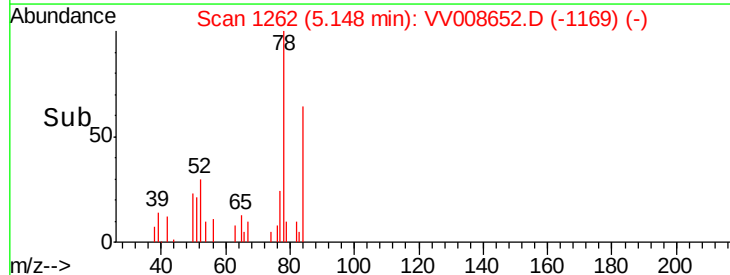
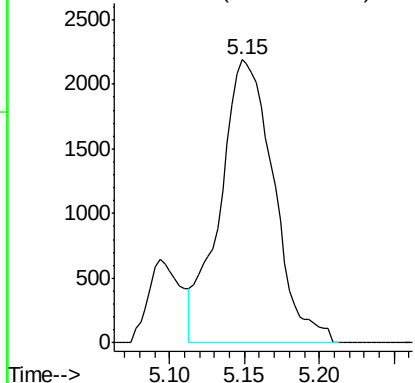
#33

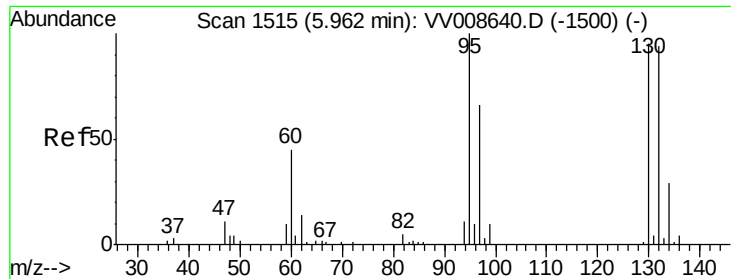
Benzene
 Concen: 0.128 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV008652.D
 Acq: 19 Nov 2018 15:41

Tgt Ion: 78 Resp: 5468



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 20.282 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

H0FK7

Tgt Ion: 95 Resp: 228284

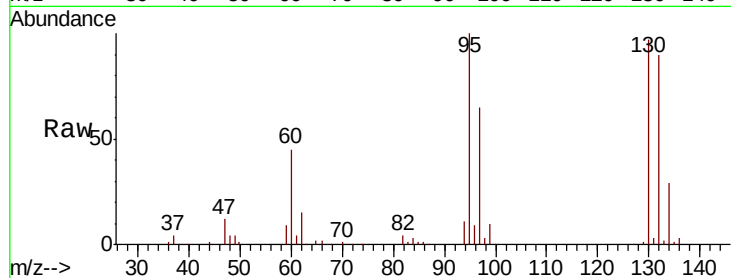
Ion Ratio Lower Upper

95 100

97 65.1 45.1 83.7

132 90.3 66.3 123.1

130 96.7 68.0 126.4

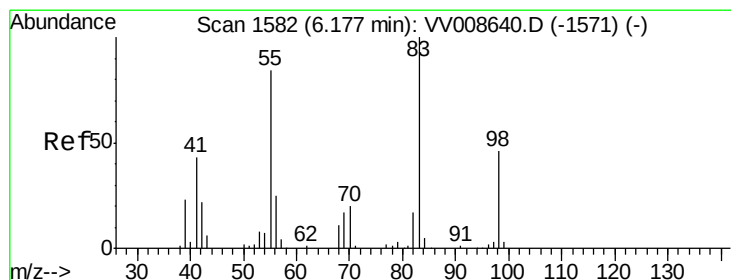
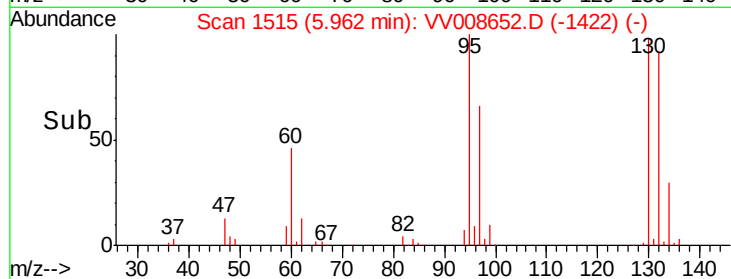
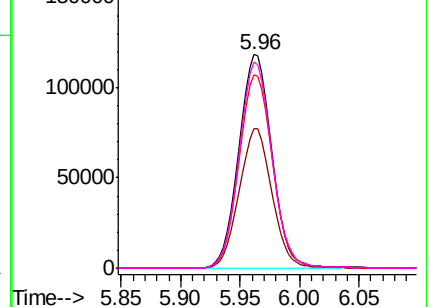


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.622 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

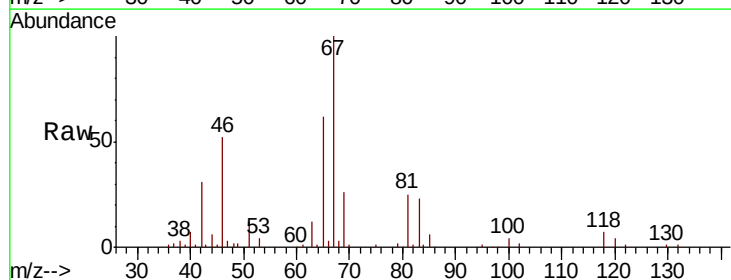
Tgt Ion: 83 Resp: 11853

Ion Ratio Lower Upper

83 100

55 0.0 65.6 98.4#

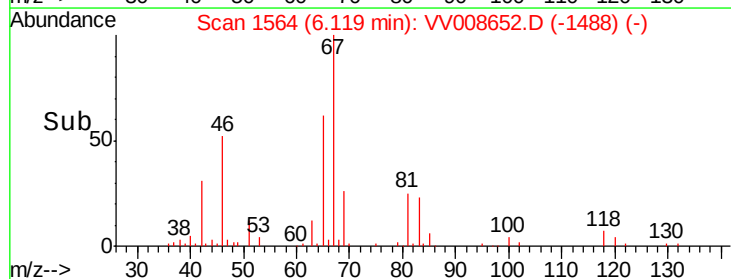
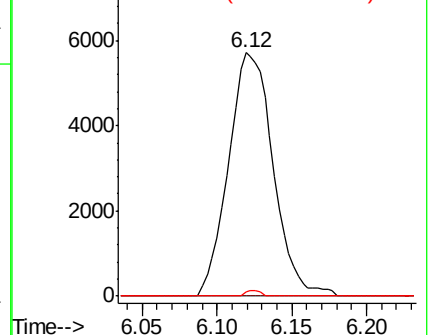
98 0.0 36.4 54.6#

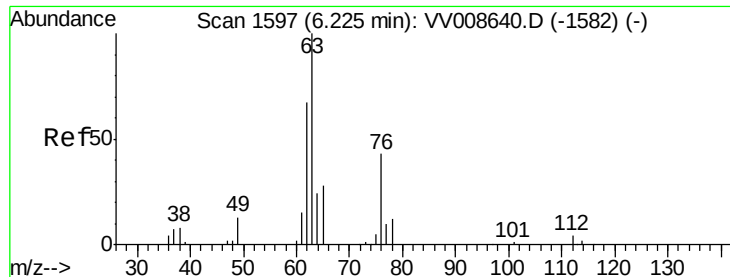


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008652.D

Acq: 19 Nov 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

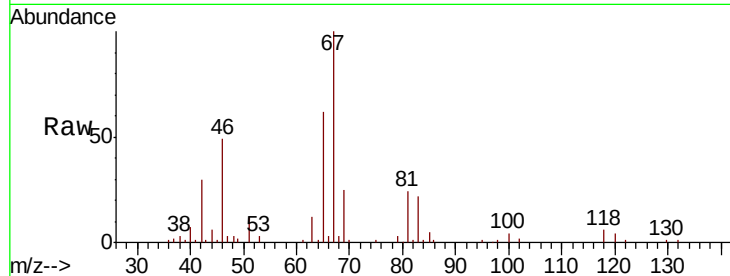
H0FK7

Tgt Ion: 63 Resp: 5832

Ion Ratio Lower Upper

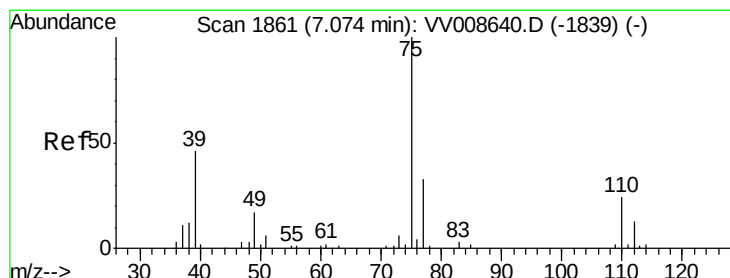
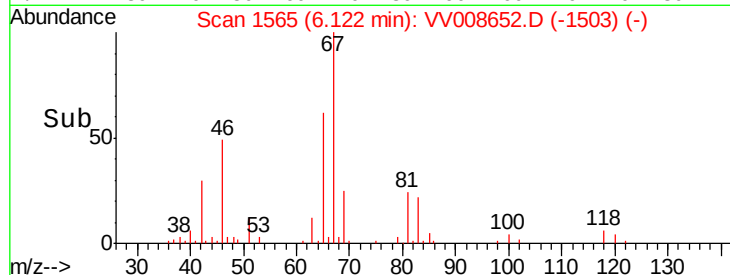
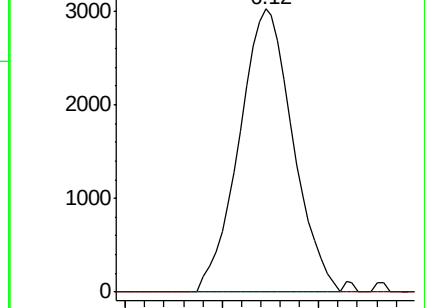
63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008640.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV008640.D (-1582) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008652.D

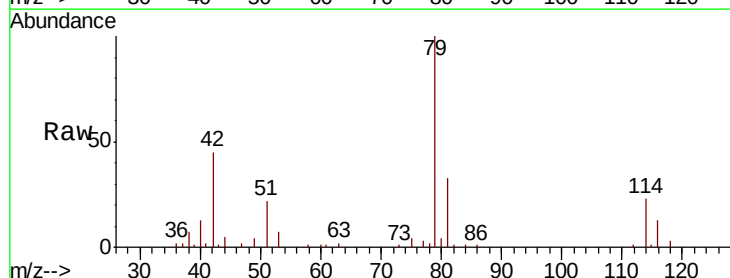
Acq: 19 Nov 2018 15:41

Tgt Ion: 75 Resp: 1239

Ion Ratio Lower Upper

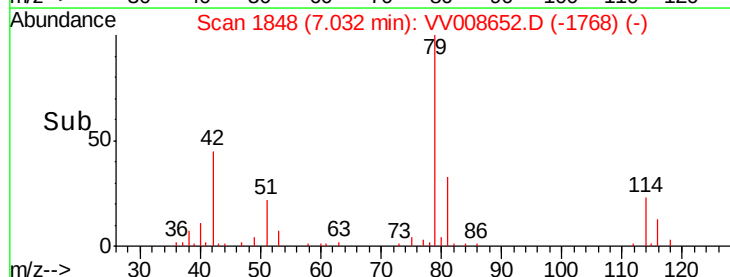
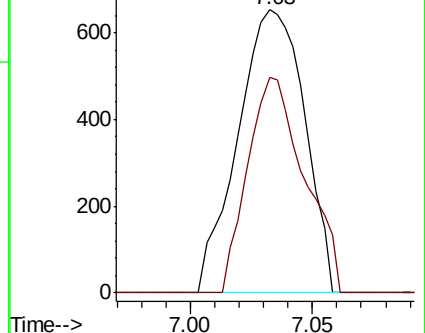
75 100

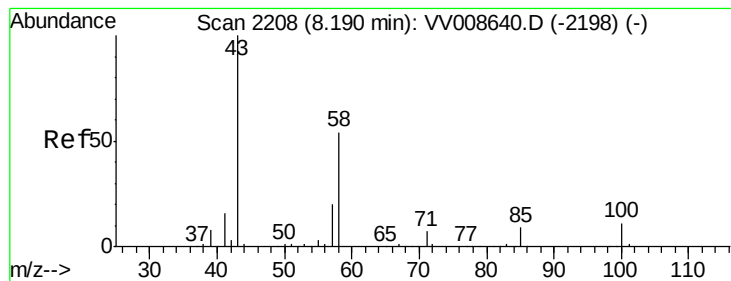
77 76.3 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV008640.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008640.D (-1839) (-)





#48
 2-Hexanone
 Concen: 2.314 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV008652.D
 Acq: 19 Nov 2018 15:41

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK7

Tgt Ion:	43	Resp:	10234
Ion	Ratio	Lower	Upper
43	100		
58	29.3	41.8	62.8#
57	25.7	15.4	23.0#
100	0.0	8.7	13.1#

