

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007800.D
 Acq On : 23 Sep 2018 20:06
 Operator : SY/MD
 Sample : J5011-02
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9F9

Quant Time: Sep 24 07:23:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85677	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39944	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.14%
7) Chloroethane-d5	1.59	69	40695	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.14	63	78467	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	3.95	46	46200	75.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.43%
24) Chloroform-d	4.41	84	82082	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	5.09	65	61847	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
32) Benzene-d6	5.11	84	183138	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.13	67	53235	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.36	98	184479	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	23330	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.14	63	38721	80.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78645	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	84604	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
5) Vinyl chloride	1.33	62	767	0.695 ug/L #	1
9) Trichlorofluoromethane	2.14	101	1105	0.486 ug/L #	67
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1169	0.906 ug/L #	35
12) 1,1-Dichloroethene	2.14	96	846	0.747 ug/L #	1
13) Acetone	2.19	43	2222	3.437 ug/L	77
15) Methyl Acetate	2.46	43	725	0.634 ug/L #	47
20) cis-1,2-Dichloroethene	3.97	96	7952	6.944 ug/L	95
25) Chloroform	4.44	83	8525	4.458 ug/L	96
30) 1,1,1-Trichloroethane	4.67	97	2636	1.527 ug/L	100
34) Trichloroethene	5.97	95	3576	3.129 ug/L	95
35) Methylcyclohexane	6.13	83	13759	7.859 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	6505	6.685 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1670	1.068 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	1098	0.739 ug/L #	80
46) Tetrachloroethene	8.03	164	628	0.537 ug/L	94
49) Dibromochloromethane	8.02	129	647	0.521 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	8265	6.006 ug/L #	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007800.D
Acq On : 23 Sep 2018 20:06
Operator : SY/MD
Sample : J5011-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9F9

Quant Time: Sep 24 07:23:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

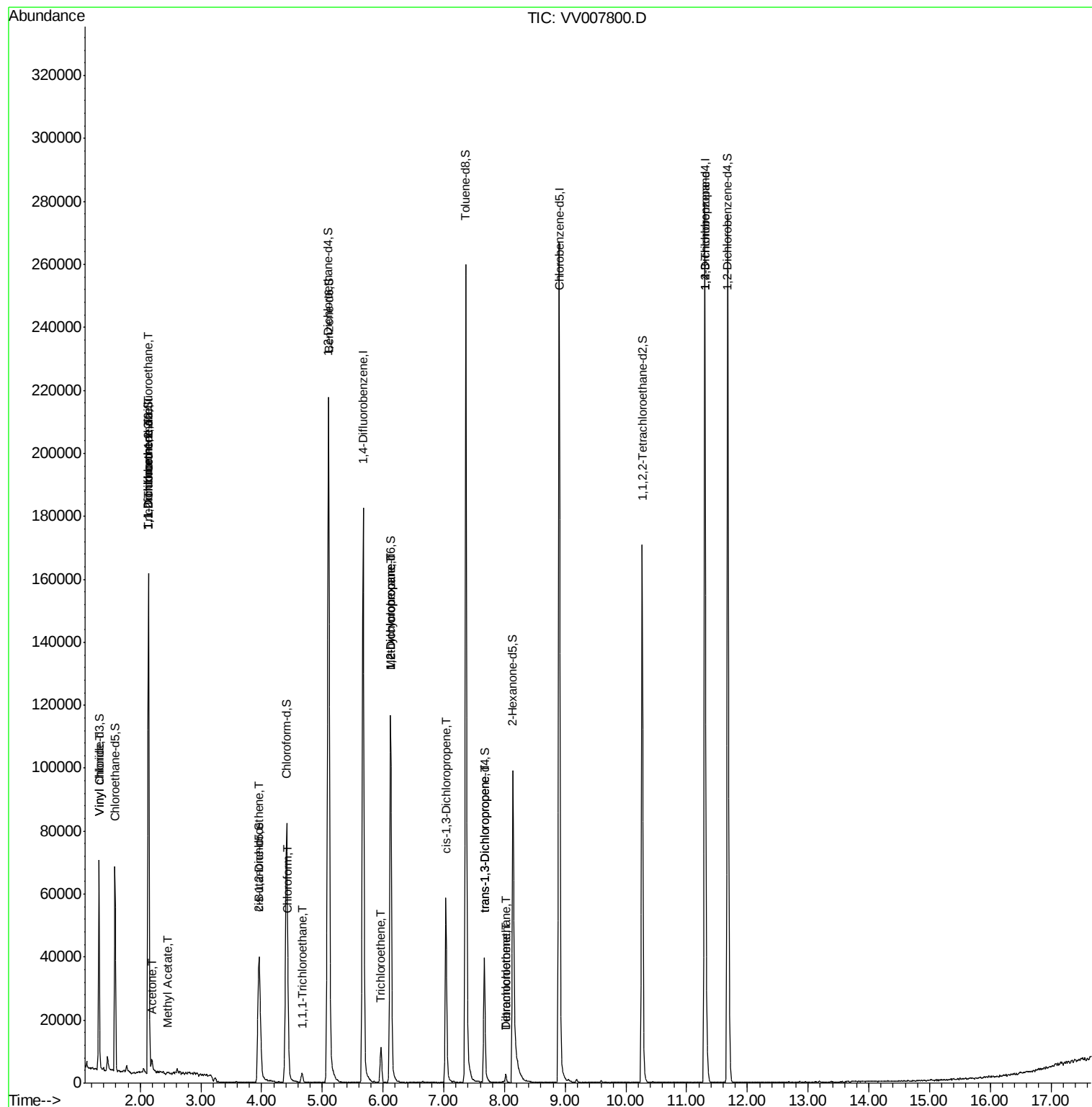
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

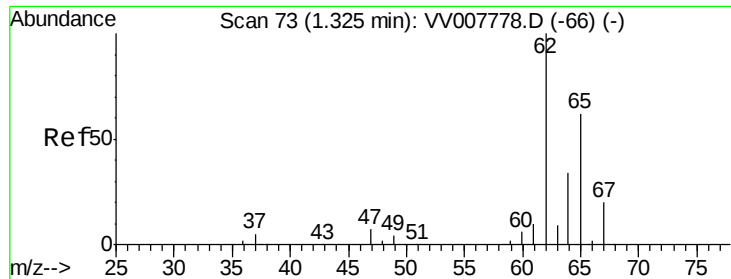
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007800.D
Acq On : 23 Sep 2018 20:06
Operator : SY/MD
Sample : J5011-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9F9

Quant Time: Sep 24 07:23:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.695 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV007800.D

Acq: 23 Sep 2018 20:06

Instrument :

MSVOA_V

ClientSampled :

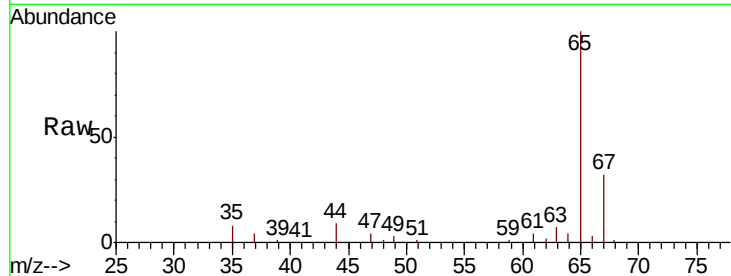
BE9F9

Tgt Ion: 62 Resp: 767

Ion Ratio Lower Upper

62 100

64 164.1 23.4 43.6#



Abundance Ion 62.00 (61.70 to 62.70): VV007778.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV007778.D (-66) (-)

1500

1000

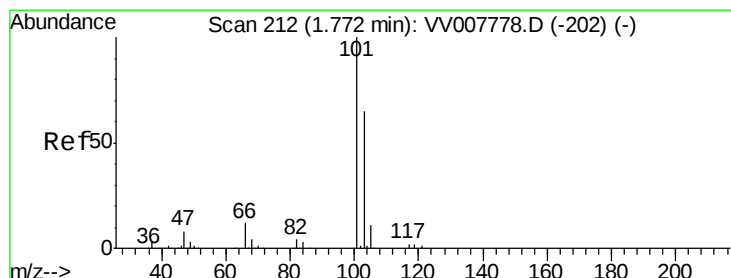
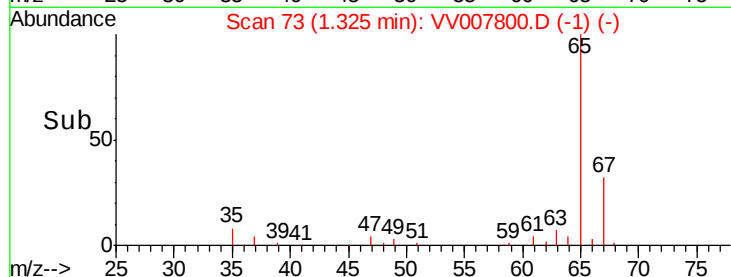
500

0

1.30 1.32 1.34

1.33

Time-->



#9

Trichlorofluoromethane

Concen: 0.486 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.37 min

Lab File: VV007800.D

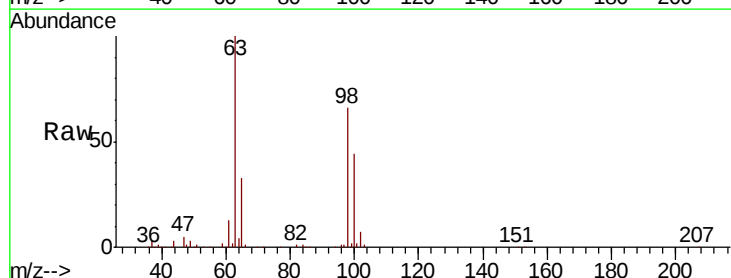
Acq: 23 Sep 2018 20:06

Tgt Ion: 101 Resp: 1105

Ion Ratio Lower Upper

101 100

103 38.1 51.4 77.2#



Abundance Ion 101.00 (100.70 to 101.70): VV007778.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV007778.D (-202) (-)

1000

800

600

400

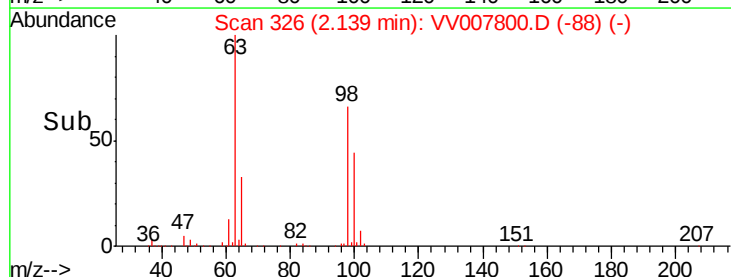
200

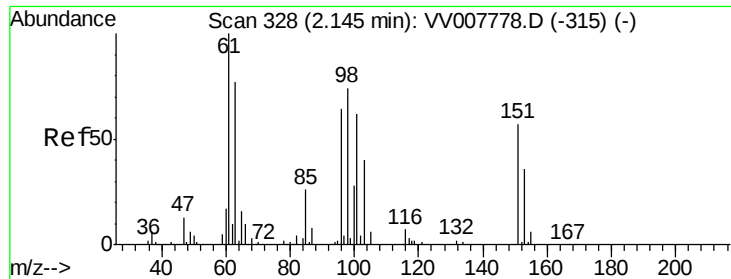
0

2.10 2.12 2.14 2.16

2.14

Time-->





#10

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

Concen: 0.906 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007800.D

Acq: 23 Sep 2018 20:06

Instrument :

MSVOA_V

ClientSampled :

BE9F9

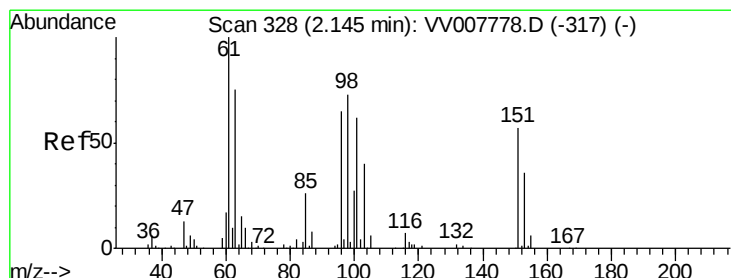
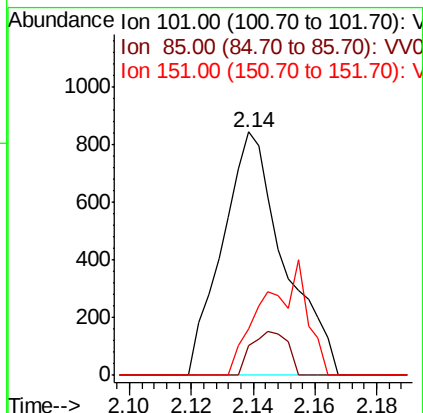
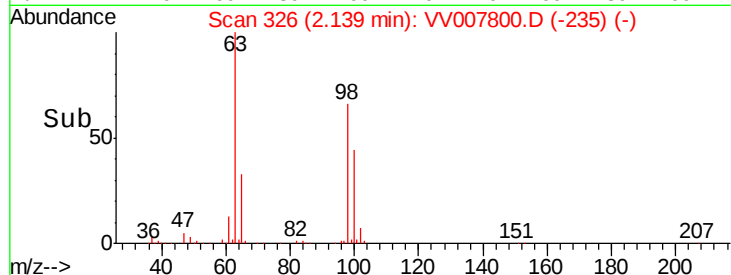
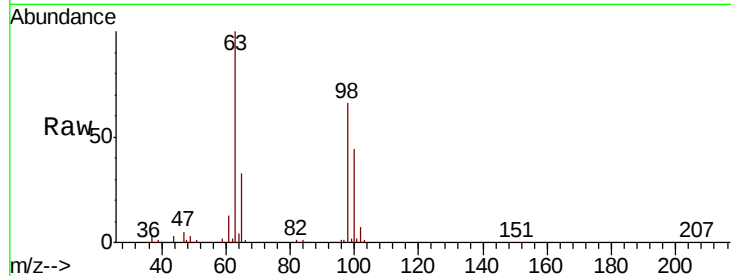
Tgt Ion: 101 Resp: 1169

Ion Ratio Lower Upper

101 100

85 10.6 32.7 49.1#

151 21.6 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.747 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007800.D

Acq: 23 Sep 2018 20:06

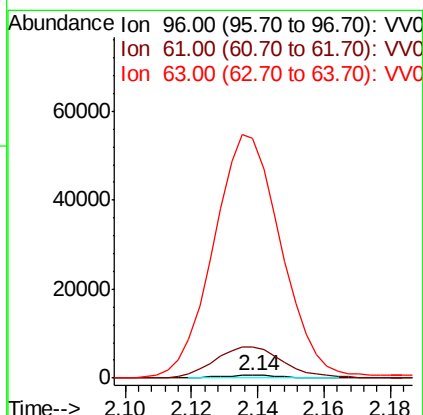
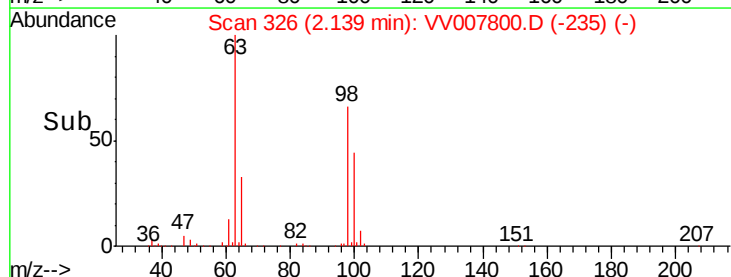
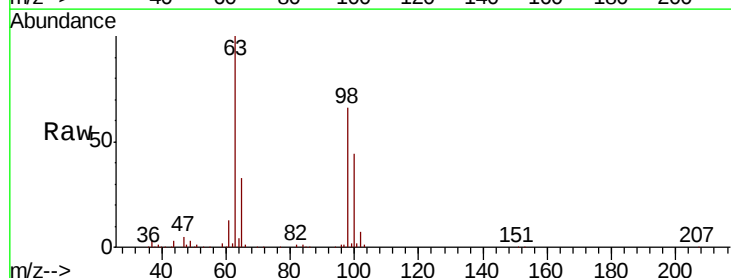
Tgt Ion: 96 Resp: 846

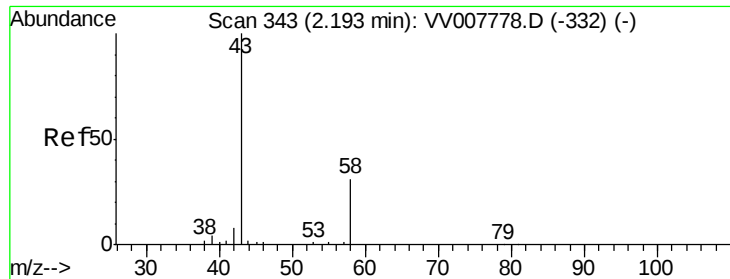
Ion Ratio Lower Upper

96 100

61 1169.0 107.3 199.3#

63 8900.3 78.8 146.4#





#13

Acetone

Concen: 3.437 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007800.D

Acq: 23 Sep 2018 20:06

Instrument :

MSVOA_V

ClientSampled :

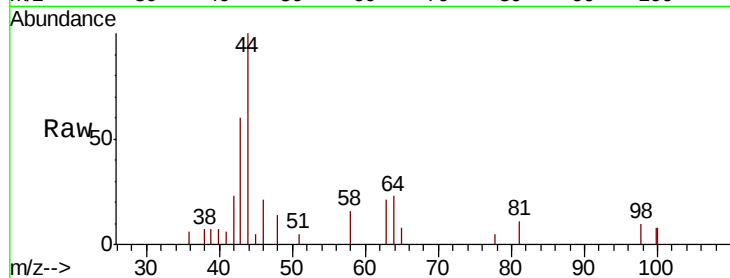
BE9F9

Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

43 100

58 19.6 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

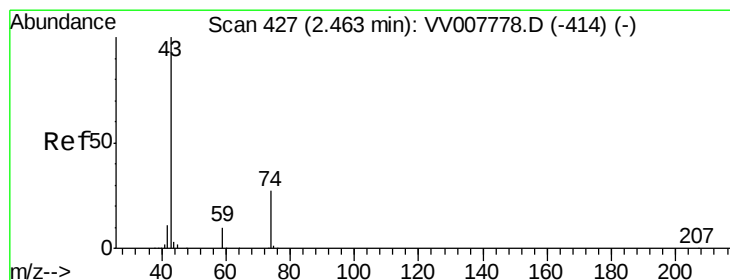
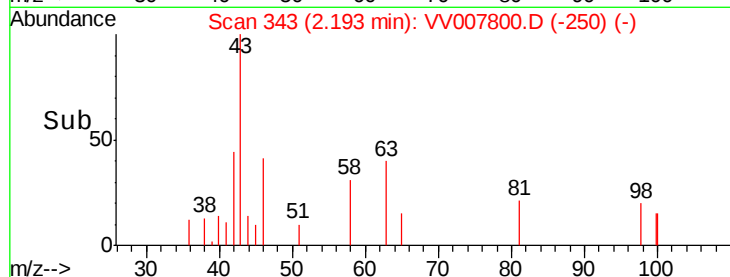
1000

500

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.634 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VV007800.D

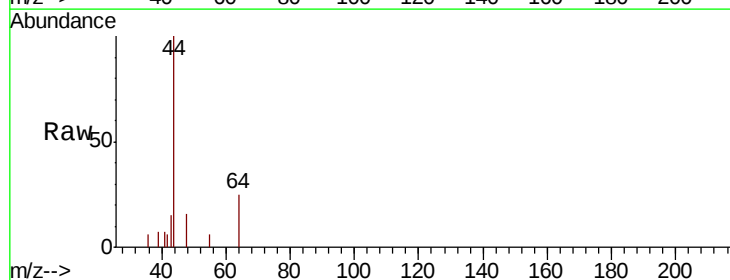
Acq: 23 Sep 2018 20:06

Tgt Ion: 43 Resp: 725

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.46

300

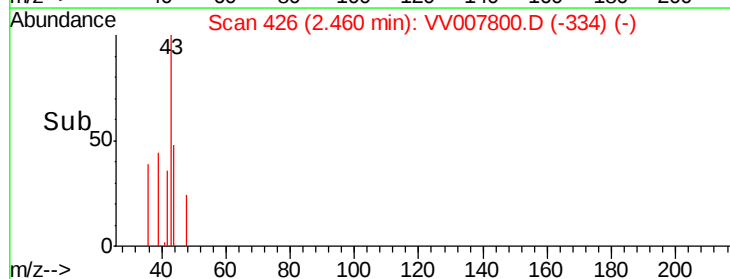
200

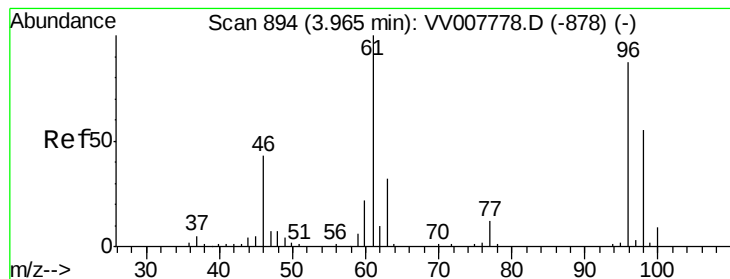
100

0

2.45 2.50

Time-->



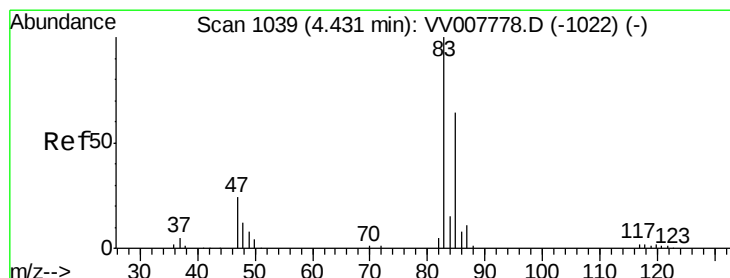
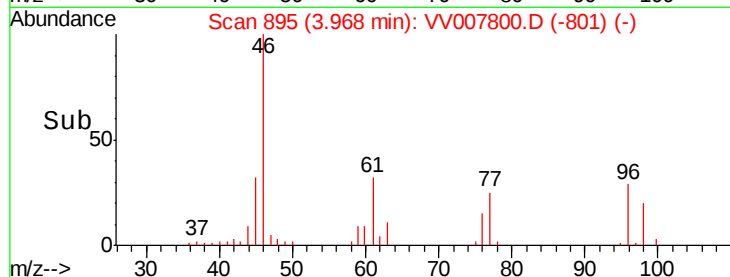
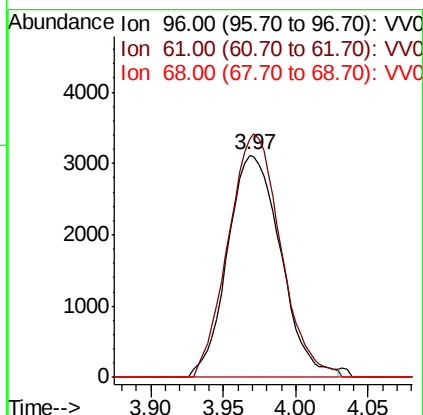
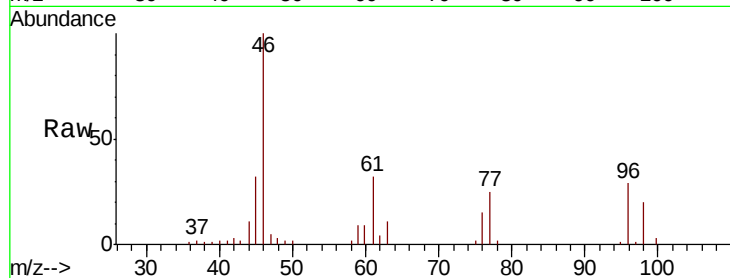


#20

cis-1,2-Dichloroethene
 Concen: 6.944 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

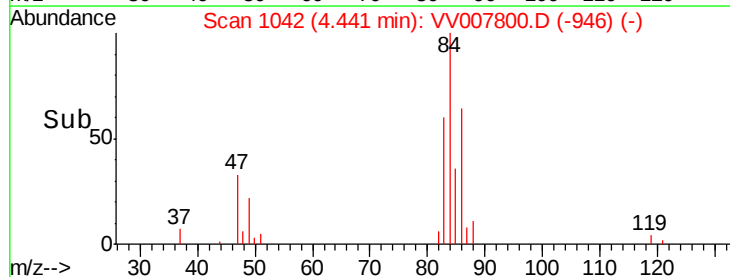
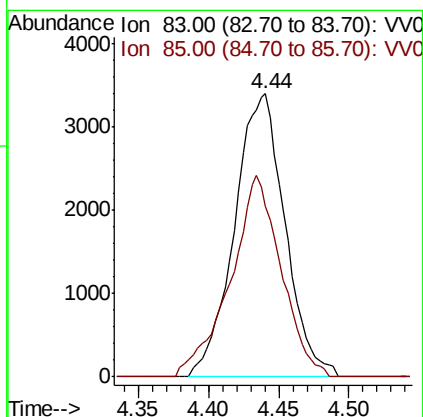
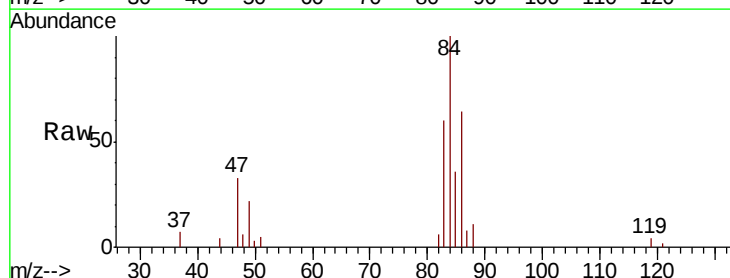
Tgt Ion: 96 Resp: 7952
 Ion Ratio Lower Upper
 96 100
 61 107.5 78.8 146.3
 68 0.0 0.0 0.0

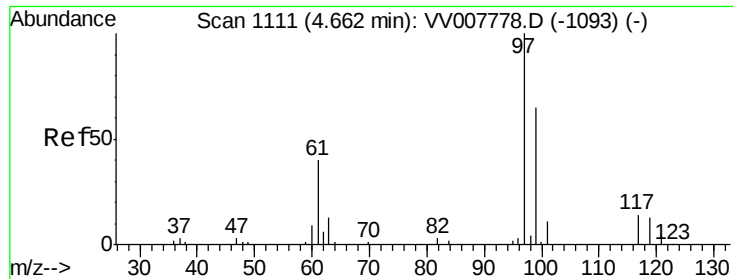


#25

Chloroform
 Concen: 4.458 ug/L
 RT: 4.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Tgt Ion: 83 Resp: 8525
 Ion Ratio Lower Upper
 83 100
 85 60.1 44.0 81.8

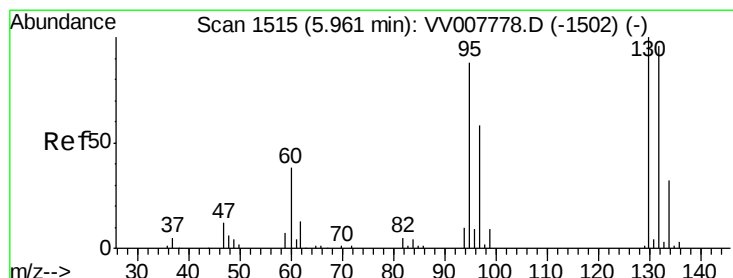
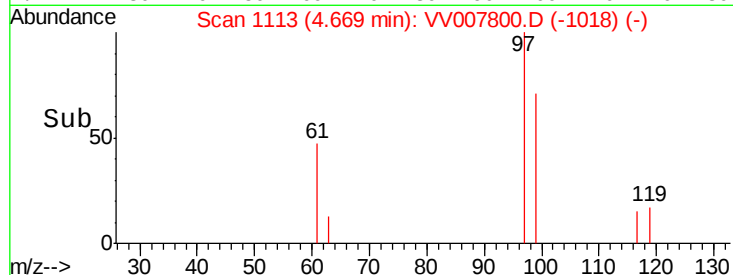
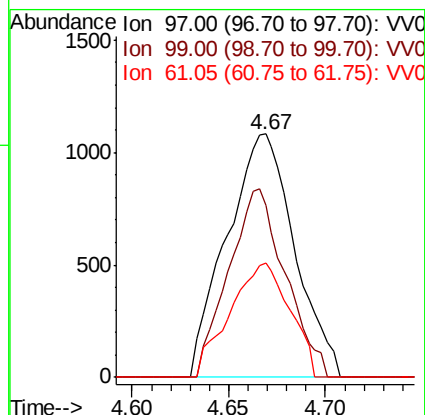
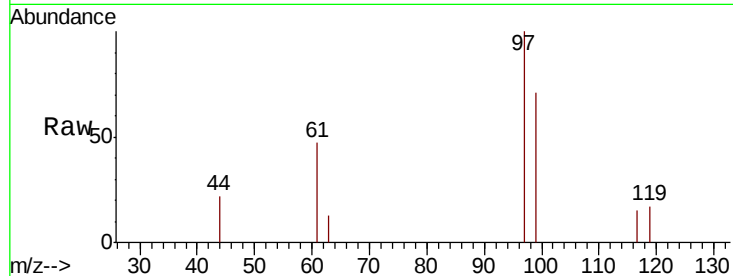




#30
 1,1,1-Trichloroethane
 Concen: 1.527 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

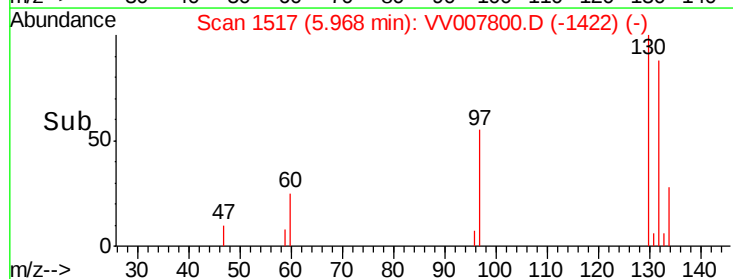
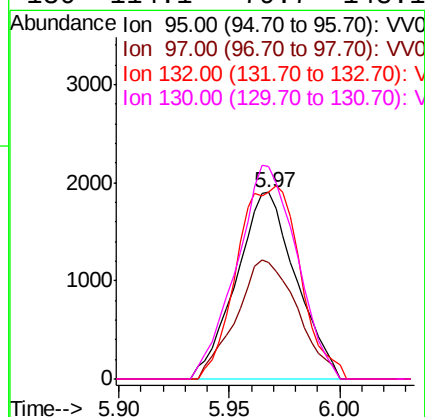
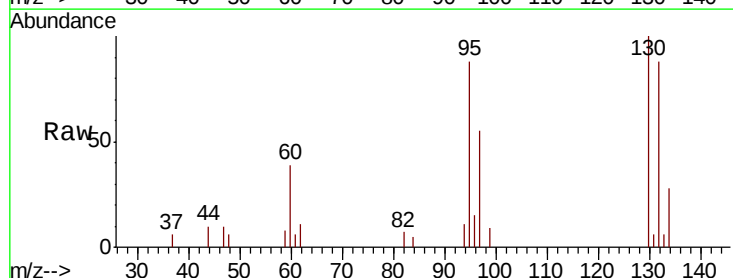
Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

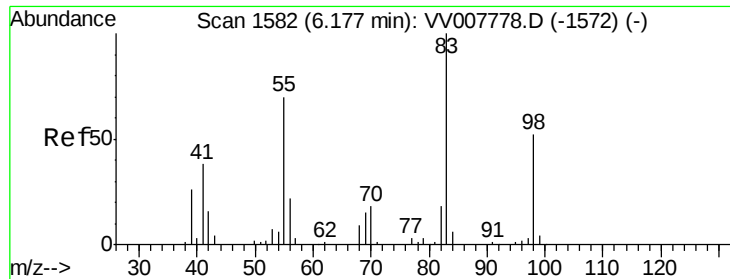
Tgt Ion: 97 Resp: 2636
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.8
 61 41.5 33.0 49.4



#34
 Trichloroethene
 Concen: 3.129 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Tgt Ion: 95 Resp: 3576
 Ion Ratio Lower Upper
 95 100
 97 62.2 45.2 84.0
 132 100.4 77.7 144.3
 130 114.1 79.7 148.1

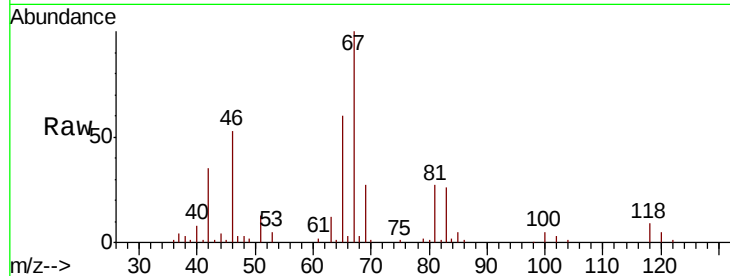




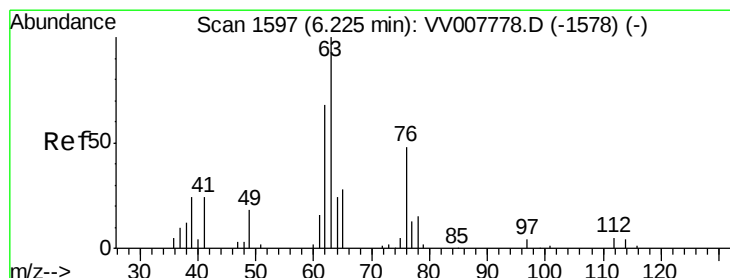
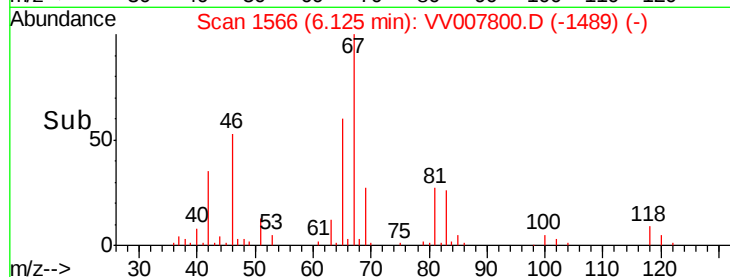
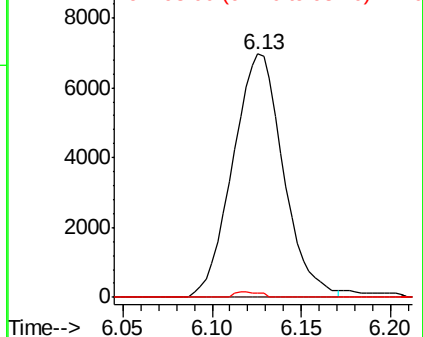
#35
Methylcyclohexane
Concen: 7.859 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007800.D
Acq: 23 Sep 2018 20:06

Instrument :
MSVOA_V
ClientSampled :
BE9F9

Tgt Ion: 83 Resp: 13759
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 1.1 39.0 58.6#

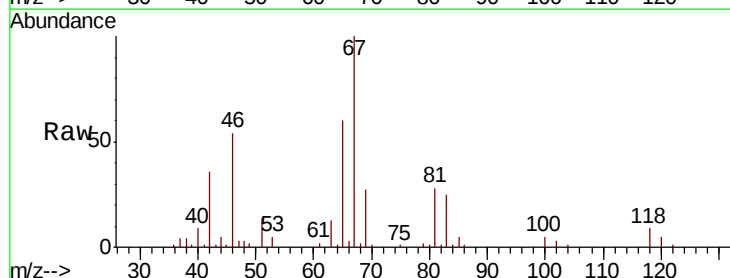


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

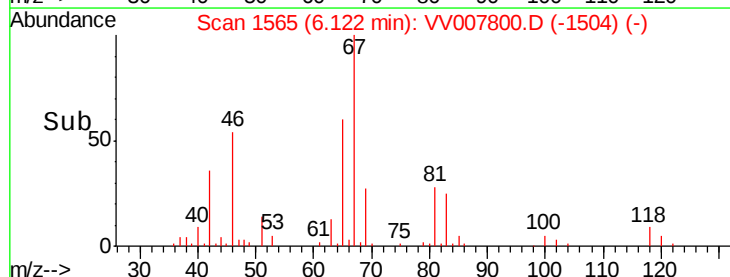
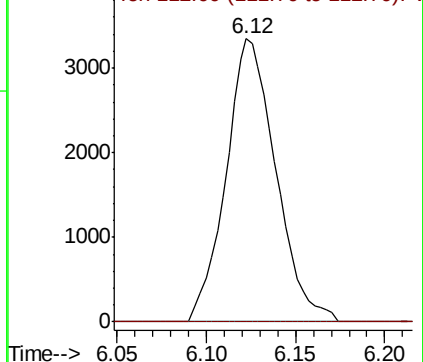


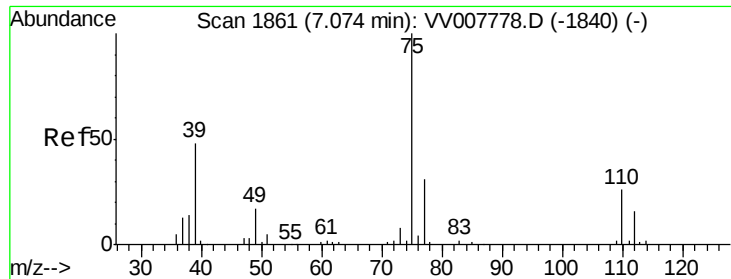
#37
1,2-Dichloropropane
Concen: 6.685 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007800.D
Acq: 23 Sep 2018 20:06

Tgt Ion: 63 Resp: 6505
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

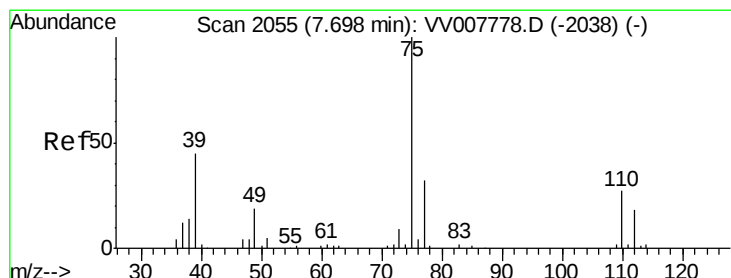
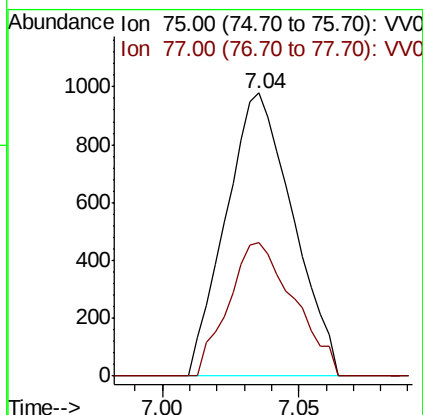
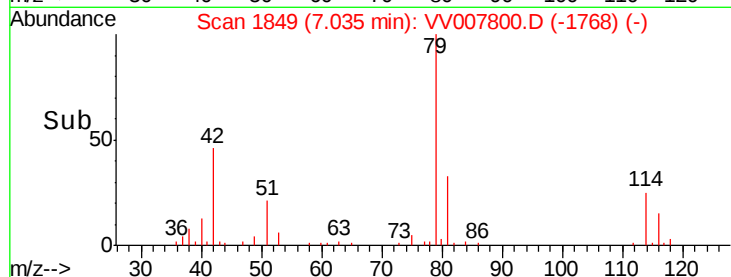
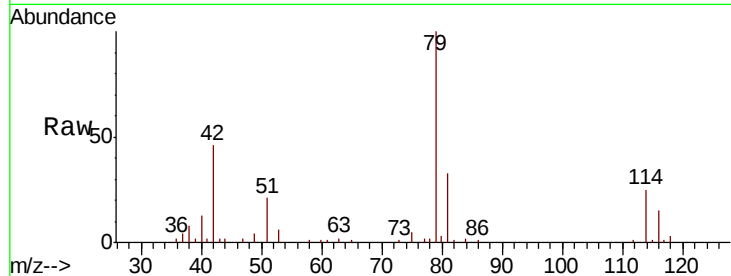




#39
 cis-1,3-Dichloropropene
 Concen: 1.068 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

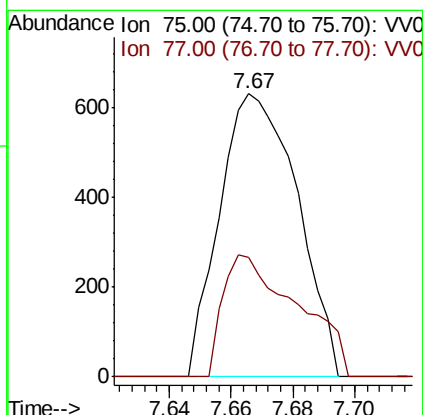
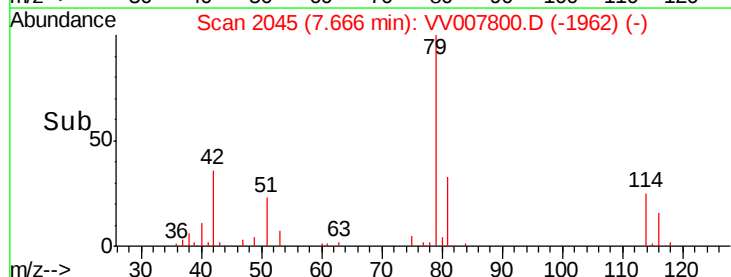
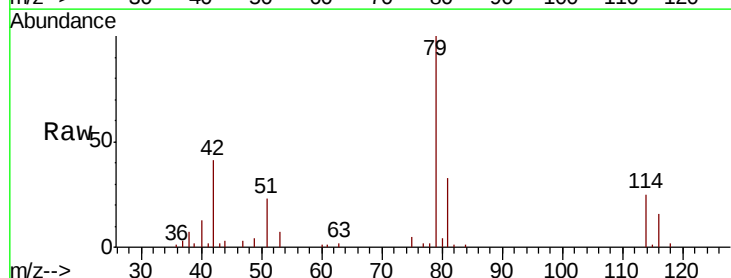
Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

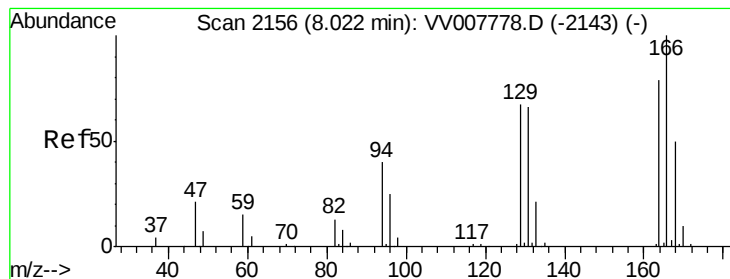
Tgt Ion: 75 Resp: 1670
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.739 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Tgt Ion: 75 Resp: 1098
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.0 40.8#





#46

Tetrachloroethene

Concen: 0.537 ug/L

RT: 8.03 min Scan# 2158

Delta R.T. 0.01 min

Lab File: VV007800.D

Acq: 23 Sep 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
BE9F9

Tgt Ion:164 Resp: 628

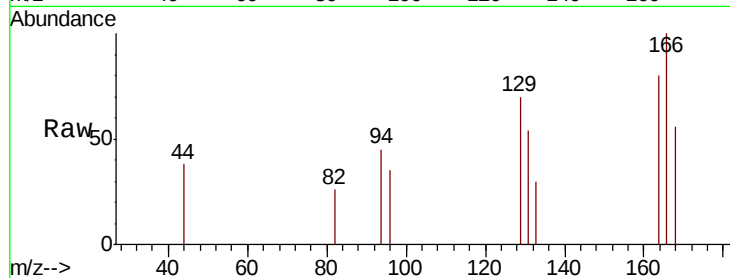
Ion Ratio Lower Upper

164 100

129 86.5 61.0 113.4

131 67.7 57.8 107.4

166 124.3 89.9 167.0



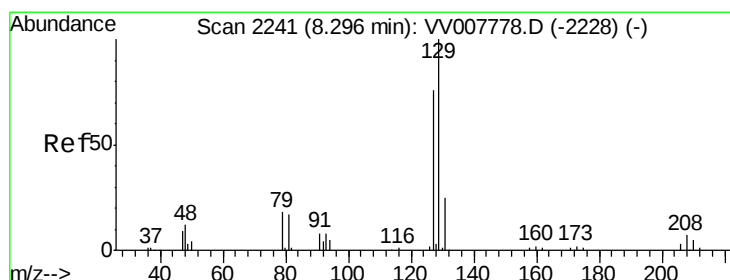
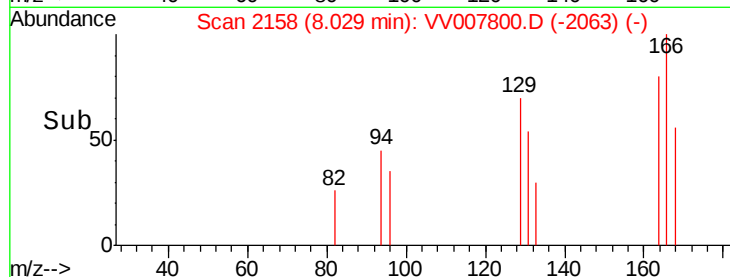
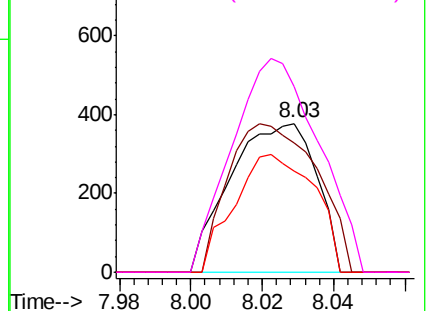
Abundance

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: 0.521 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.28 min

Lab File: VV007800.D

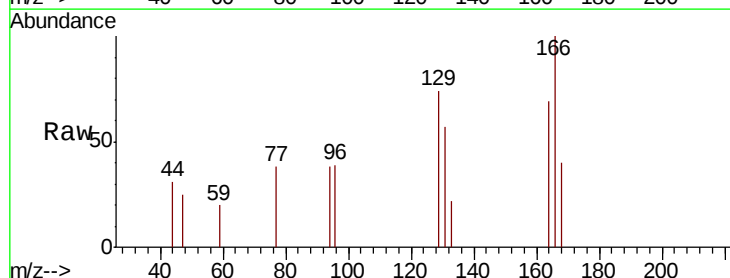
Acq: 23 Sep 2018 20:06

Tgt Ion:129 Resp: 647

Ion Ratio Lower Upper

129 100

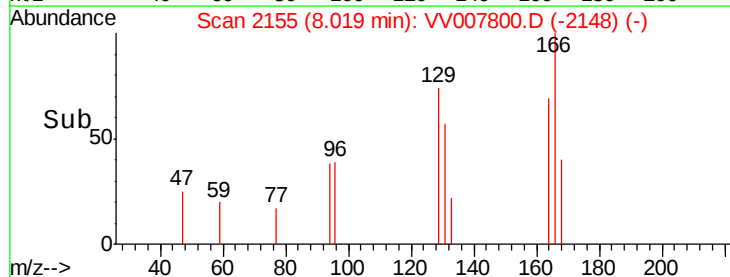
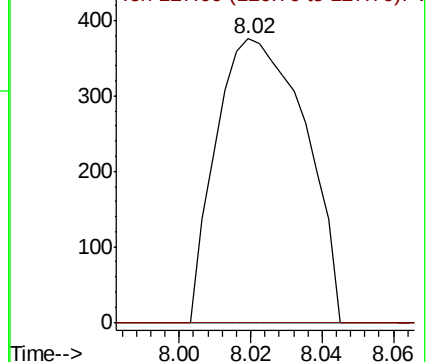
127 0.0 54.0 100.2#

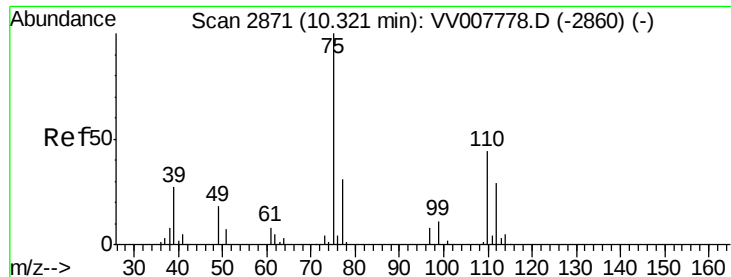


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59
 1,2,3-Trichloropropane
 Concen: 6.006 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9F9

Tgt Ion: 75 Resp: 8265
 Ion Ratio Lower Upper
 75 100
 77 40.7 25.6 38.4#

