

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
 Data File : VW004579.D
 Acq On : 10 Aug 2018 04:09
 Operator : SY/AP
 Sample : J4351-05
 Misc : 11.73G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-1-2

Quant Time: Aug 10 04:34:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	453522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	776164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	675896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	250153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3677	0.73	ug/l	0.00
Spiked Amount						
			Recovery	=	1.46%	
35) Dibromofluoromethane	7.88	113	3415	0.66	ug/l	0.00
Spiked Amount						
			Recovery	=	1.32%	
50) Toluene-d8	10.33	98	9406	0.48	ug/l	0.00
Spiked Amount						
			Recovery	=	0.96%	
62) 4-Bromofluorobenzene	12.62	95	3597	0.51	ug/l	0.00
Spiked Amount						
			Recovery	=	1.02%	

Target Compounds

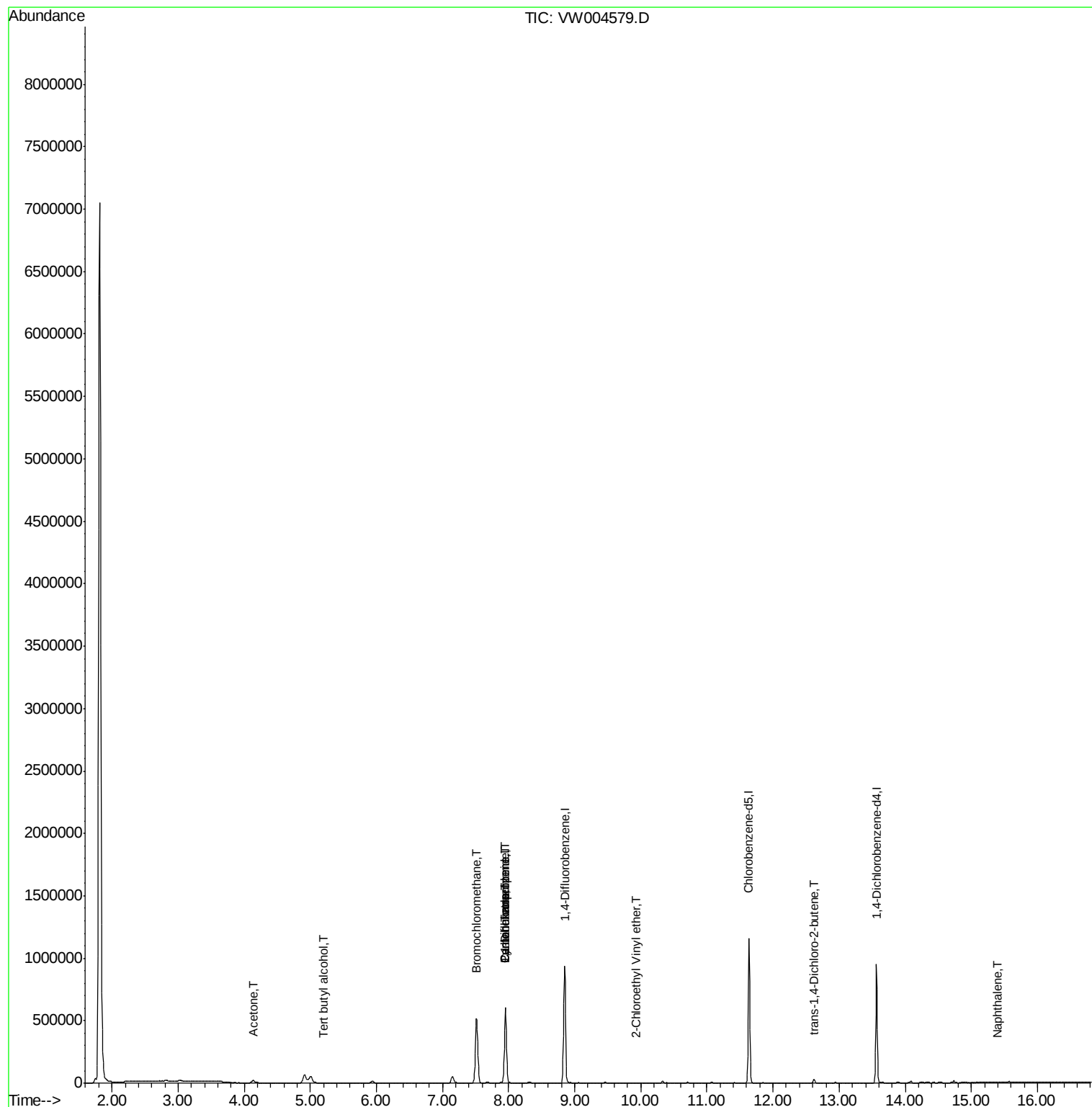
					Qvalue	
11) Tert butyl alcohol	5.20	59	696	2.368	ug/l #	57
16) Acetone	4.14	43	33165	26.453	ug/l	94
28) Bromochloromethane	7.51	49	324615	75.908	ug/l	98
31) Cyclohexane	7.95	56	9634	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	36004	4.308	ug/l #	49
38) Carbon Tetrachloride	7.96	117	43094	5.730	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	497	9.112	ug/l #	71
81) trans-1,4-Dichloro-2-buten	12.63	75	1974	1.826	ug/l #	12
95) Naphthalene	15.38	128	709	2.975	ug/l #	63

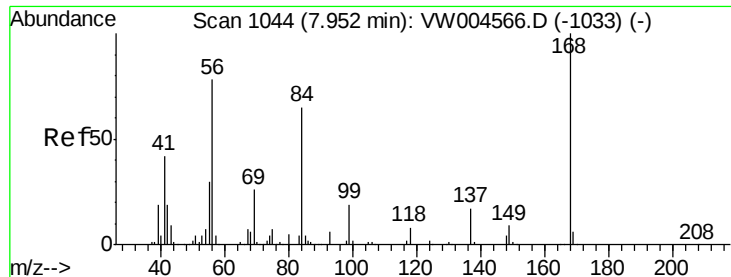
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081218\
Data File : VW004579.D
Acq On : 10 Aug 2018 04:09
Operator : SY/AP
Sample : J4351-05
Misc : 11.73G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

Quant Time: Aug 10 04:34:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004579.D

Acq: 10 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

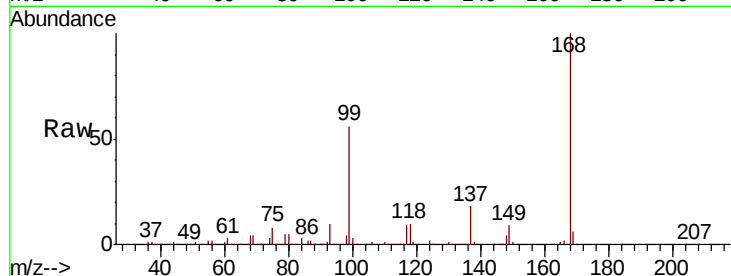
JTY-SB-01-1-2

Tgt Ion:168 Resp: 453522

Ion Ratio Lower Upper

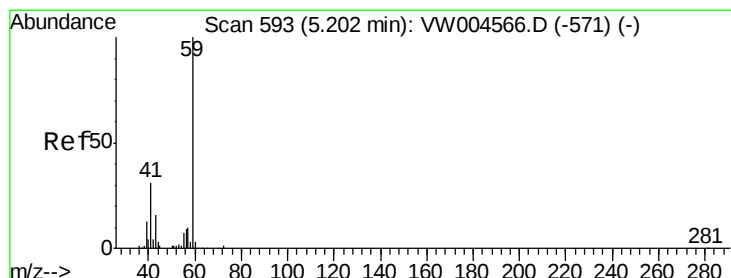
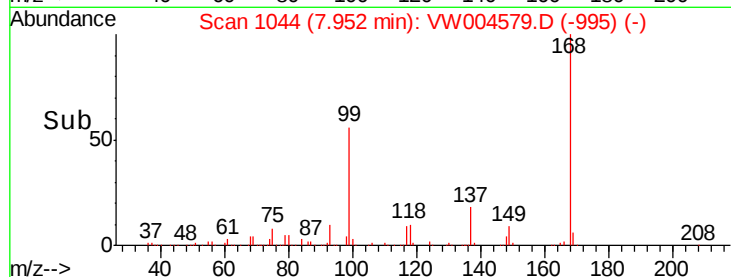
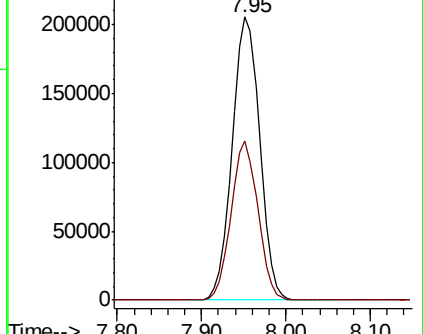
168 100

99 56.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.368 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004579.D

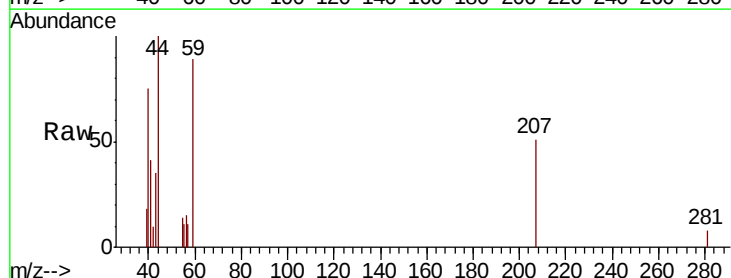
Acq: 10 Aug 2018 04:09

Tgt Ion: 59 Resp: 696

Ion Ratio Lower Upper

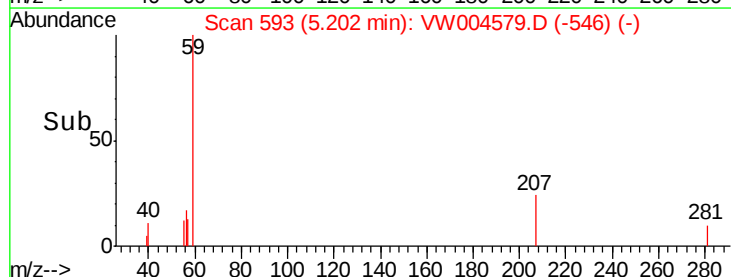
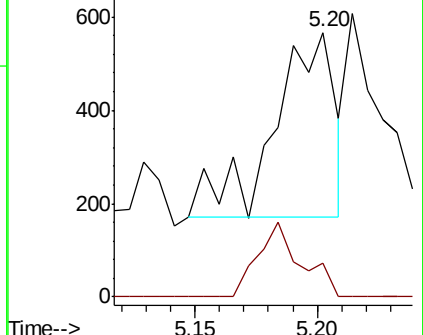
59 100

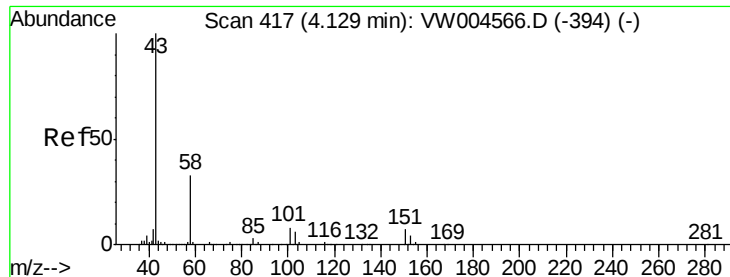
57 28.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

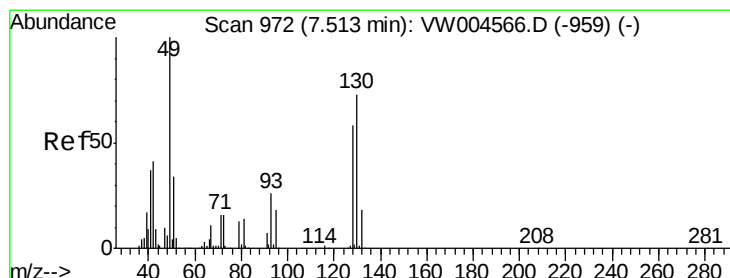
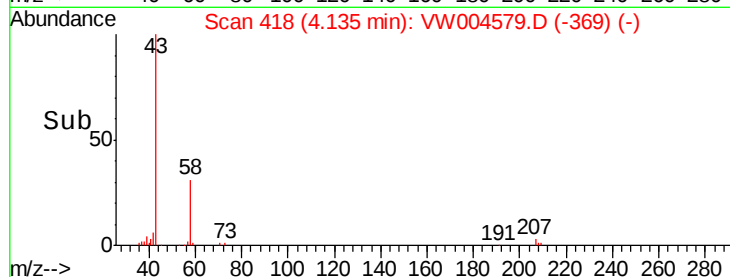
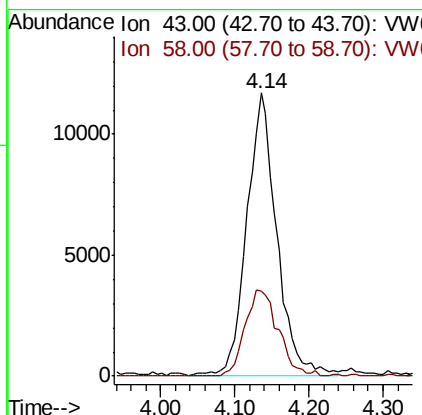
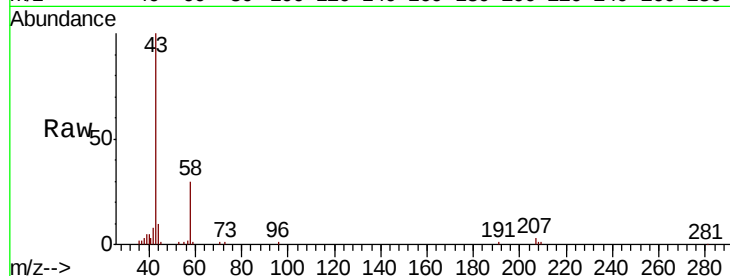




#16
Acetone
Concen: 26.453 ug/l
RT: 4.14 min Scan# 418
Delta R.T. 0.00 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

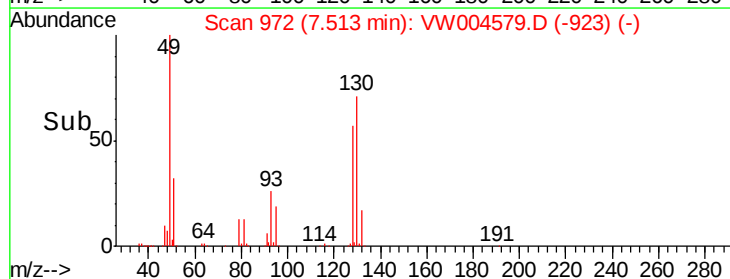
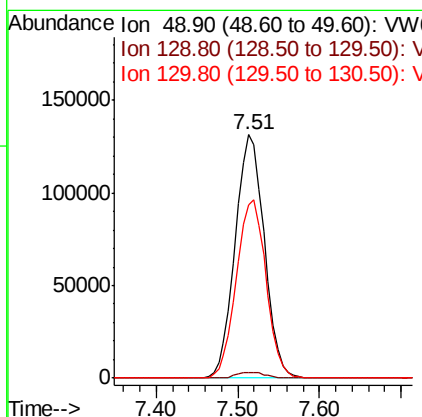
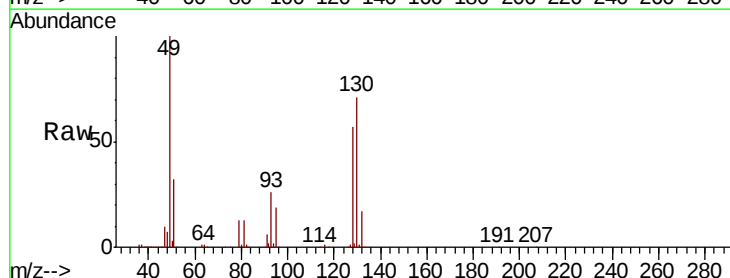
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

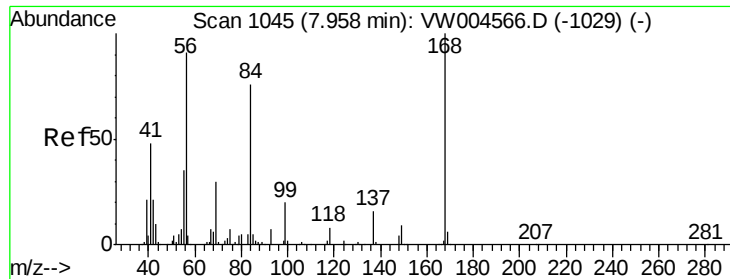
Tgt Ion: 43 Resp: 33165
Ion Ratio Lower Upper
43 100
58 30.1 26.8 40.2



#28
Bromochloromethane
Concen: 75.908 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

Tgt Ion: 49 Resp: 324615
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 74.9 58.8 88.2

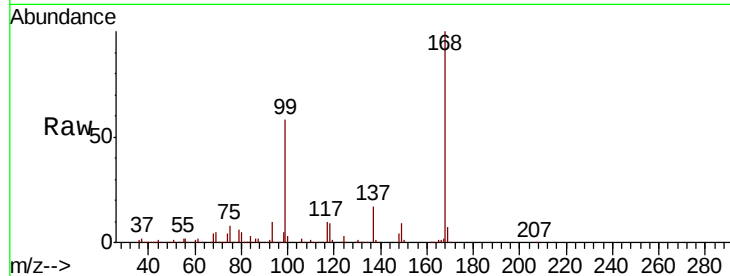




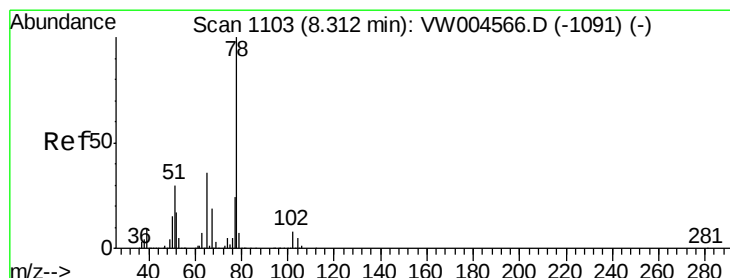
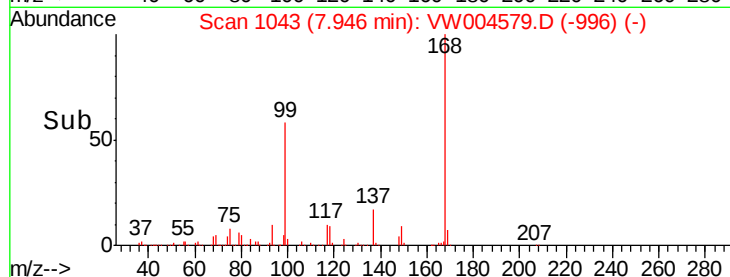
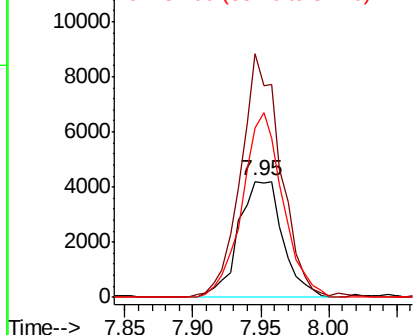
#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

Tgt Ion: 56 Resp: 9634
Ion Ratio Lower Upper
56 100
69 209.9 26.4 39.6#
84 146.1 66.9 100.3#

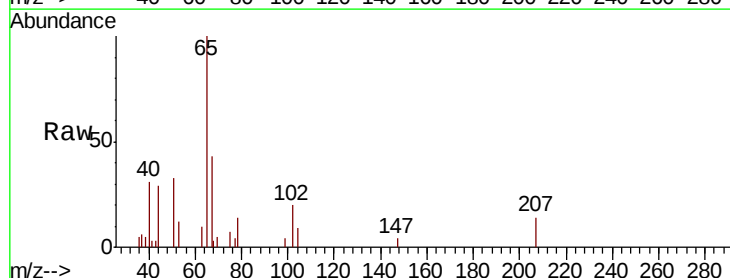


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

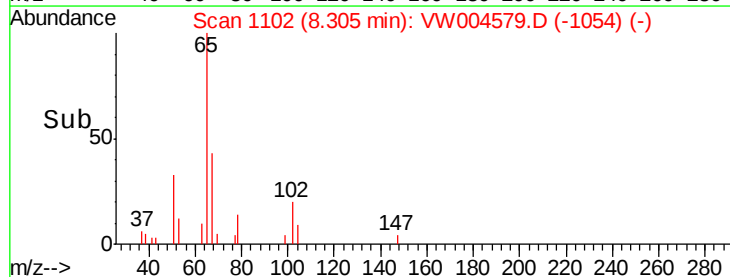
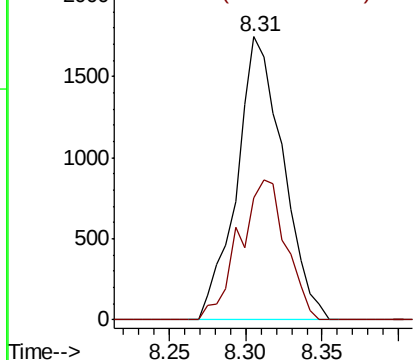


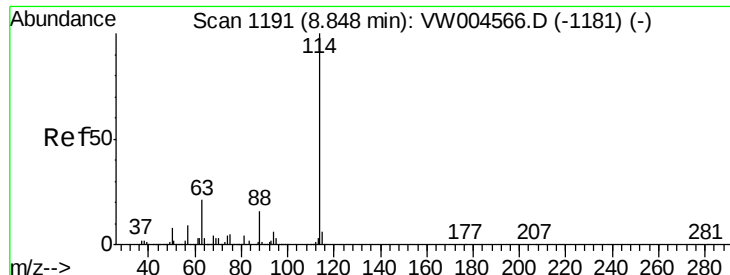
#33
1,2-Dichloroethane-d4
Concen: 0.732 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

Tgt Ion: 65 Resp: 3677
Ion Ratio Lower Upper
65 100
67 50.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

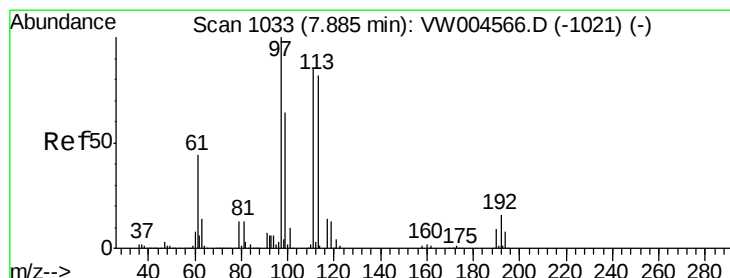
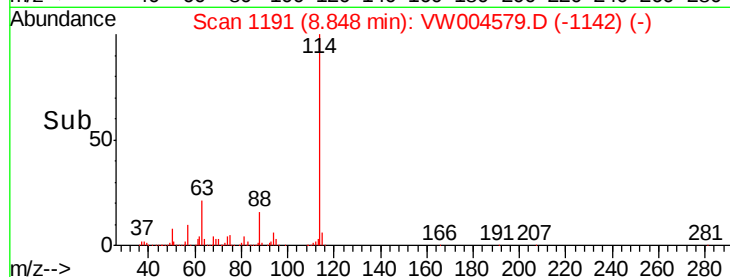
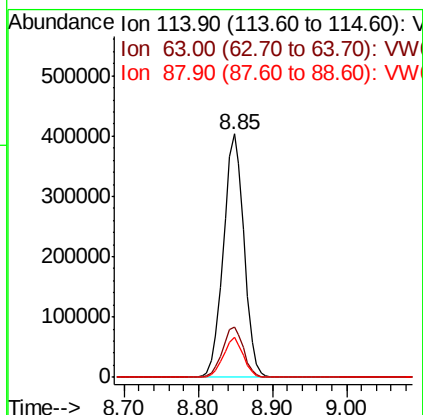
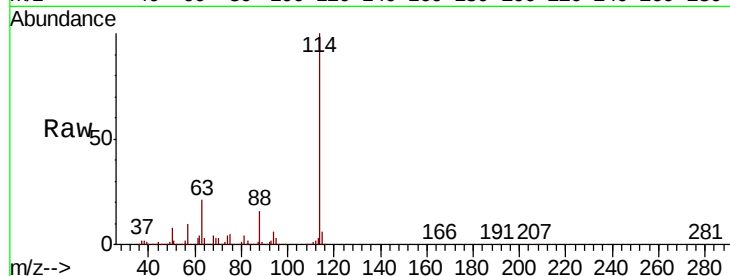




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004579.D
 Acq: 10 Aug 2018 04:09

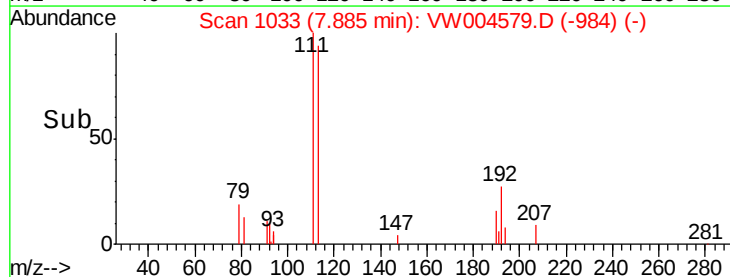
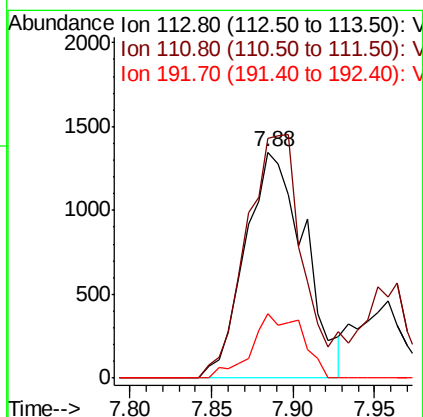
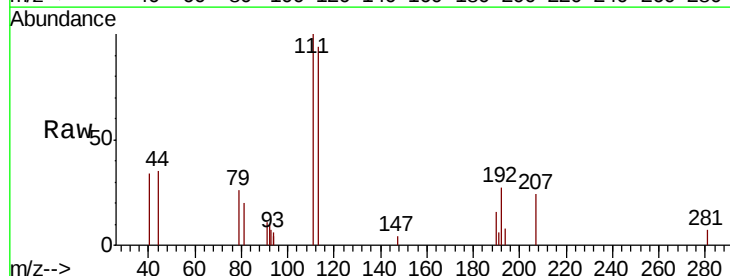
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-1-2

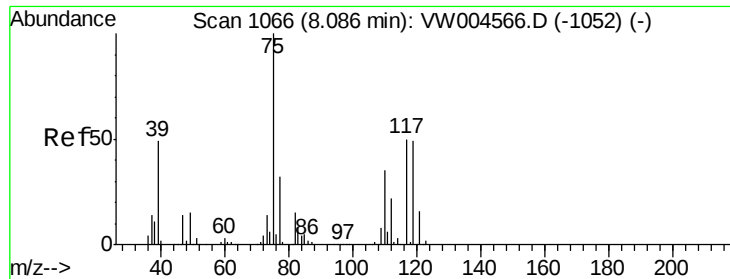
Tgt Ion:114 Resp: 776164
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 16.2 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 0.660 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004579.D
 Acq: 10 Aug 2018 04:09

Tgt Ion:113 Resp: 3415
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.9 124.3
 192 24.3 15.8 23.6#

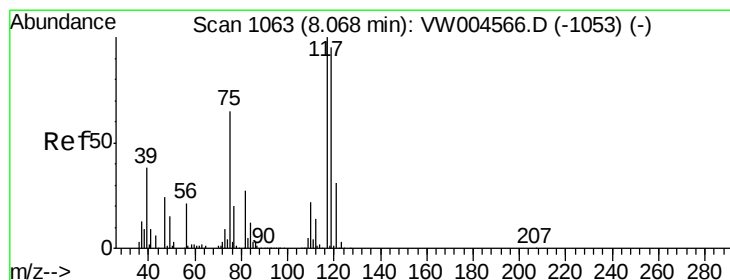
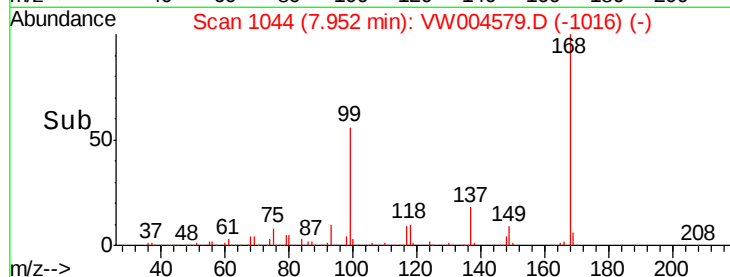
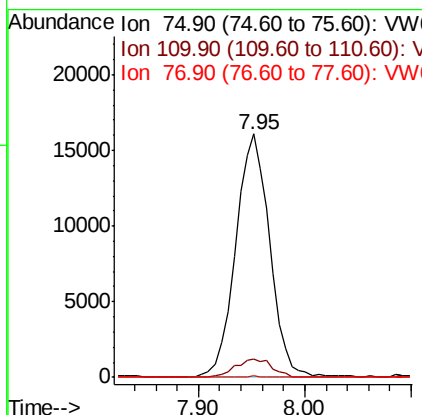
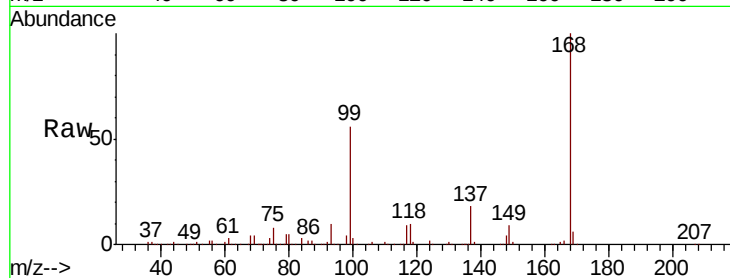




#36
 1,1-Dichloropropene
 Concen: 4.308 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004579.D
 Acq: 10 Aug 2018 04:09

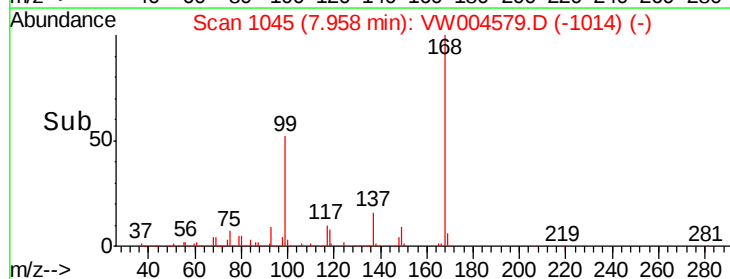
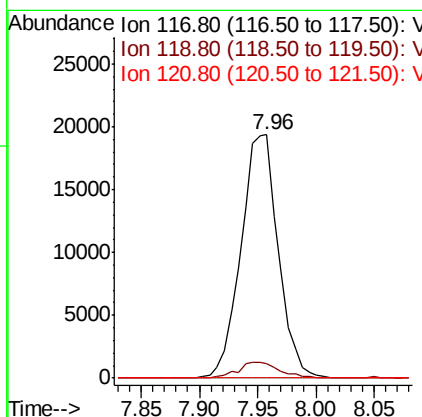
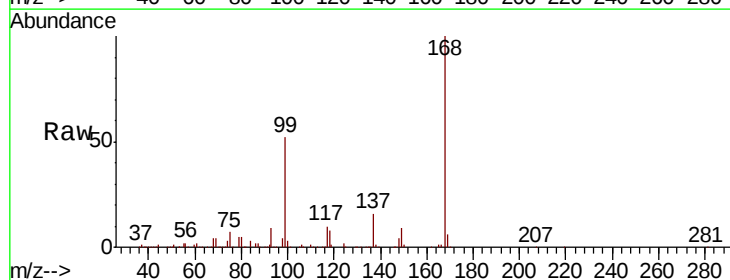
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-1-2

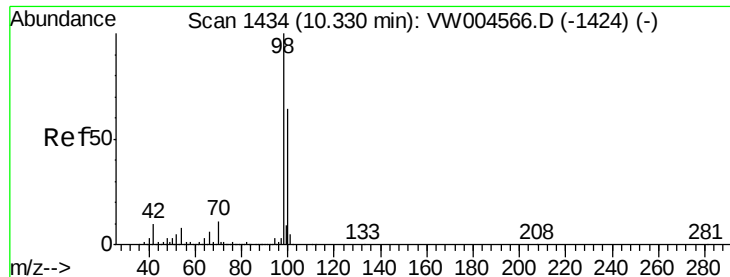
Tgt Ion: 75 Resp: 36004
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.4 52.2#
 77 0.2 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.730 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.11 min
 Lab File: VW004579.D
 Acq: 10 Aug 2018 04:09

Tgt Ion: 117 Resp: 43094
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.1 114.1#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 0.477 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004579.D

Acq: 10 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

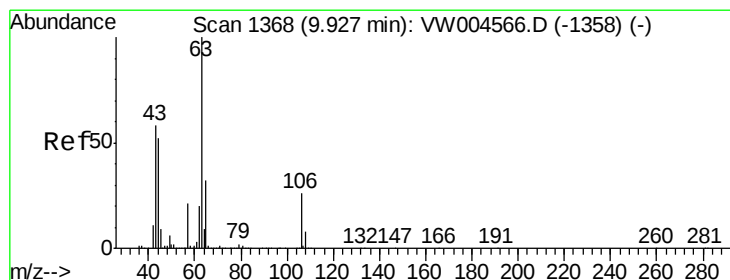
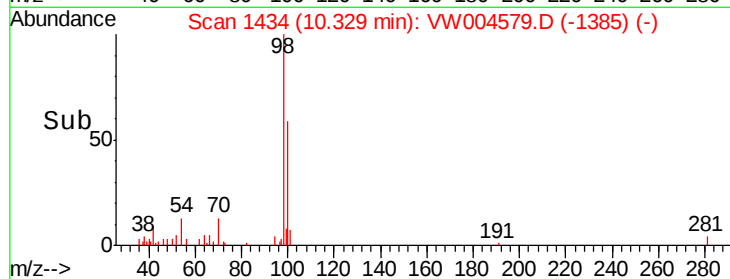
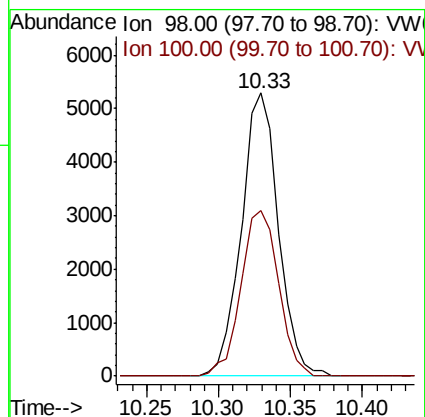
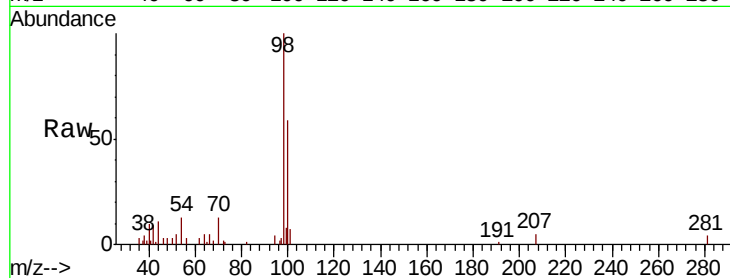
JTY-SB-01-1-2

Tgt Ion: 98 Resp: 9406

Ion Ratio Lower Upper

98 100

100 59.6 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.112 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004579.D

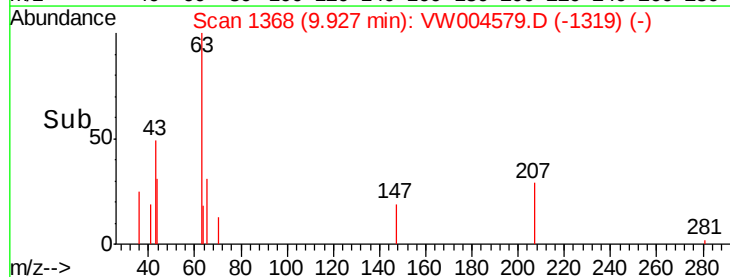
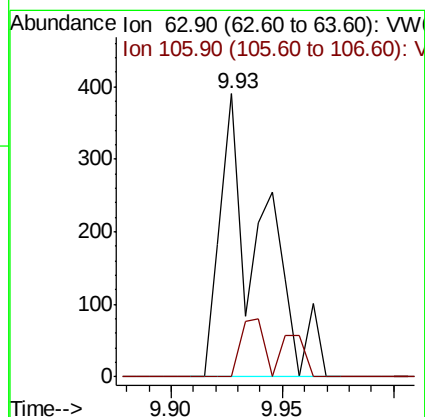
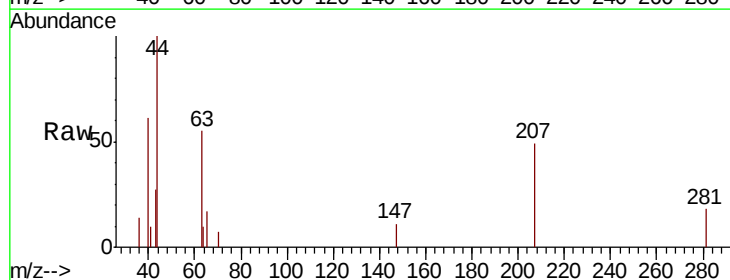
Acq: 10 Aug 2018 04:09

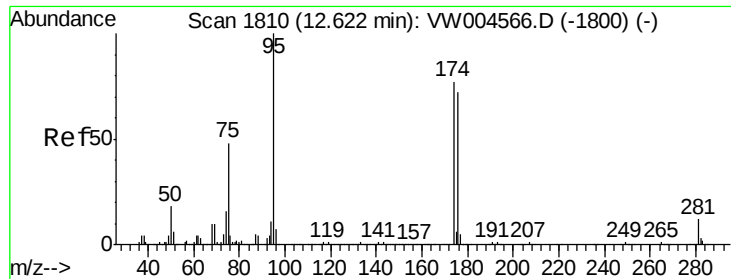
Tgt Ion: 63 Resp: 497

Ion Ratio Lower Upper

63 100

106 11.5 21.3 31.9#

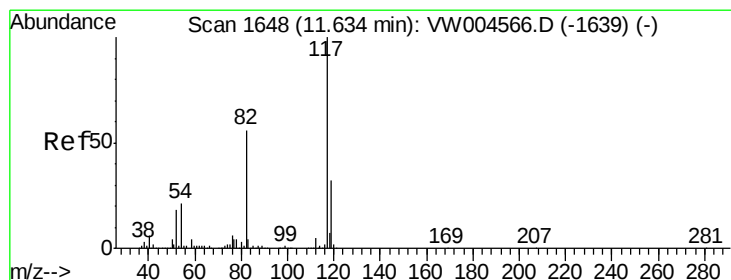
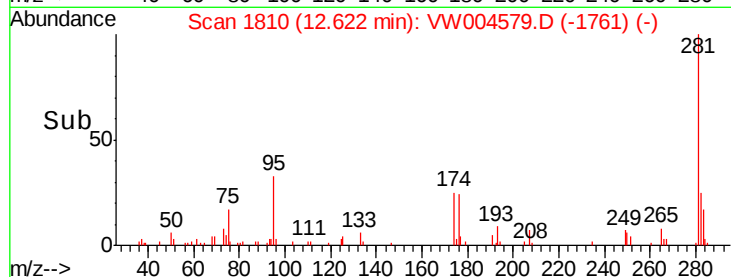
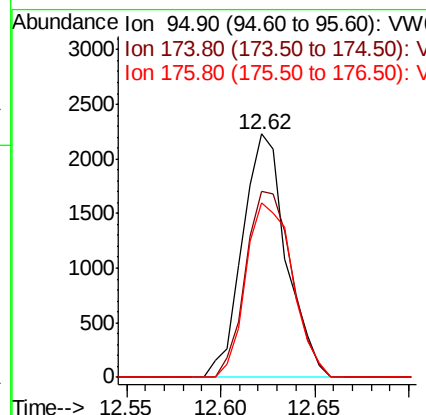
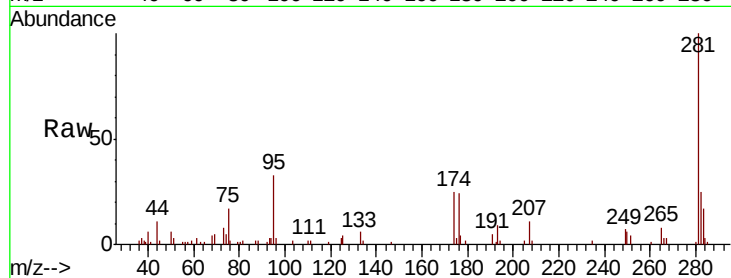




#62
4-Bromofluorobenzene
Concen: 0.506 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

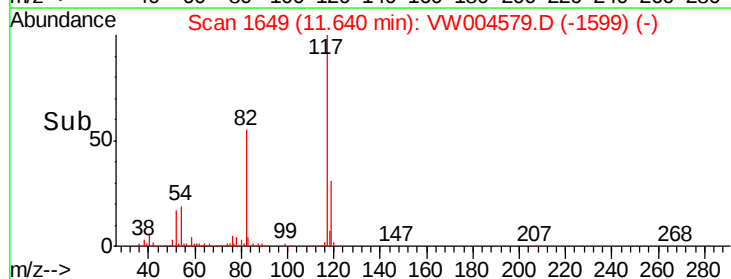
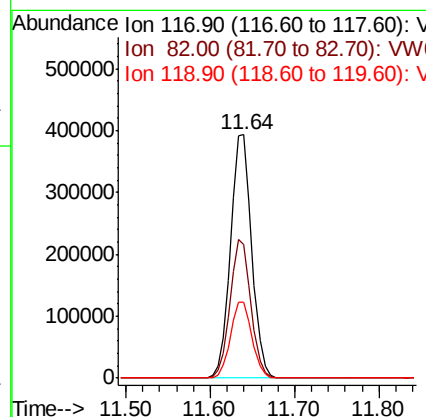
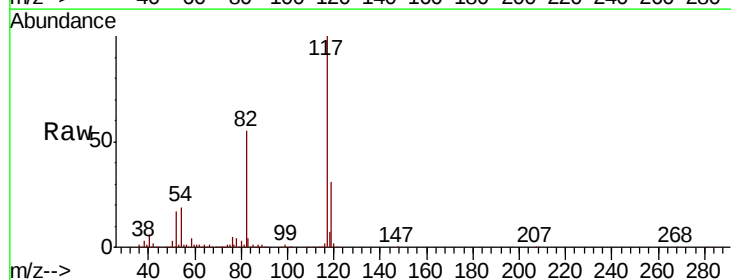
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

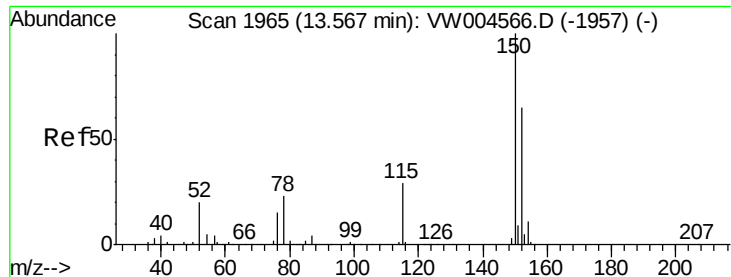
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	160.4
176	76.2	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004579.D
Acq: 10 Aug 2018 04:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.3	67.9
119	31.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004579.D

Acq: 10 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-1-2

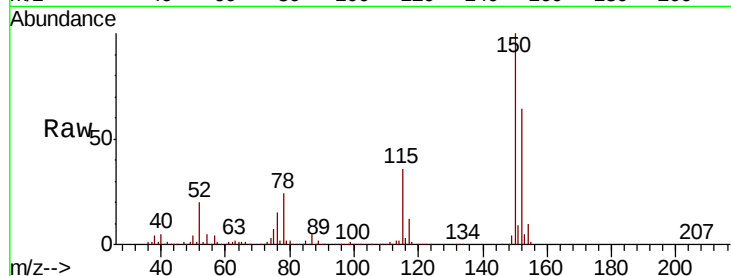
Tgt Ion:152 Resp: 250153

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

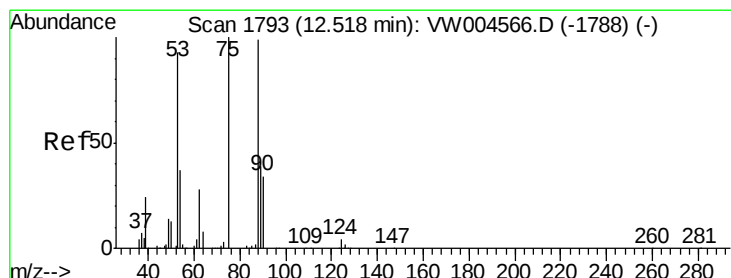
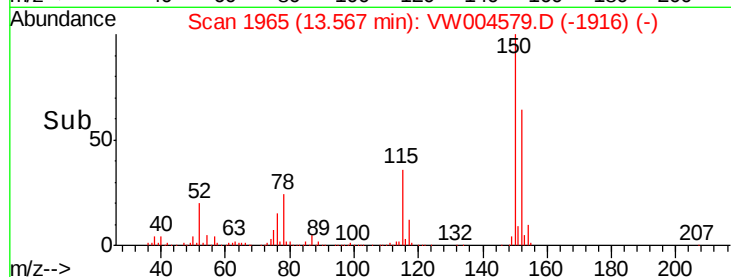
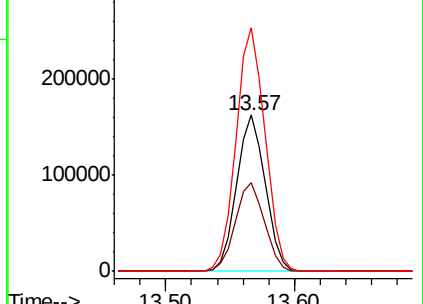
150 157.7 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.826 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004579.D

Acq: 10 Aug 2018 04:09

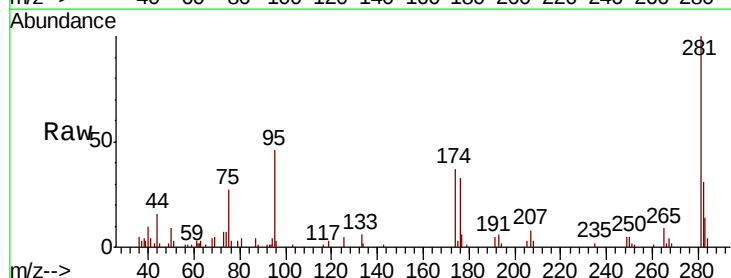
Tgt Ion: 75 Resp: 1974

Ion Ratio Lower Upper

75 100

53 0.0 74.4 111.6#

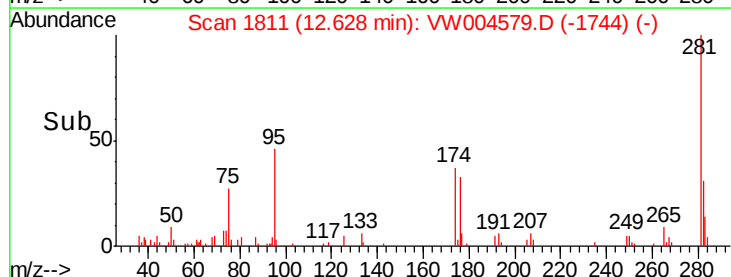
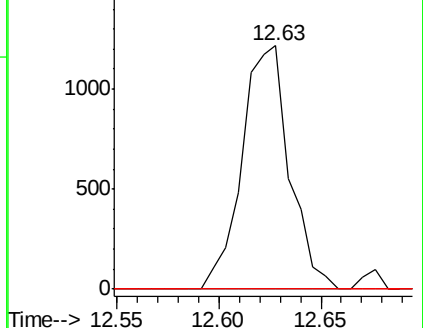
89 0.0 35.9 53.9#

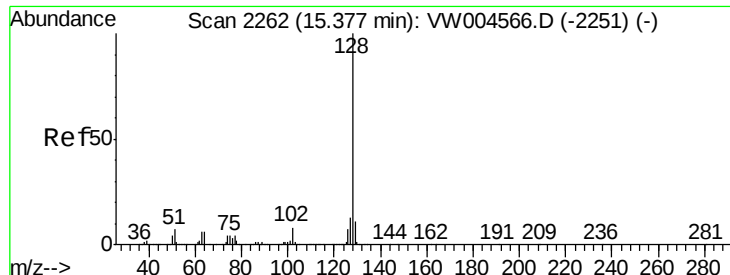


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 2.975 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004579.D

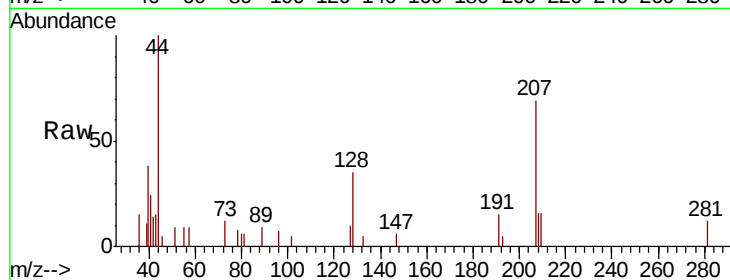
Acq: 10 Aug 2018 04:09

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-1-2



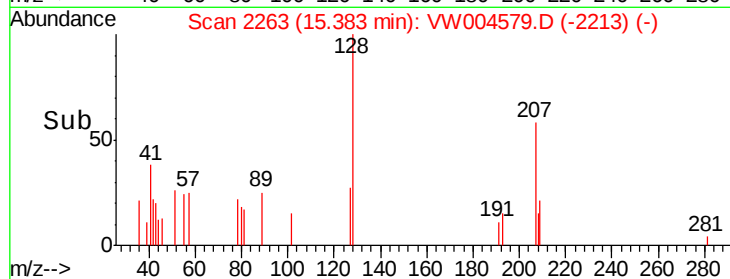
Tgt Ion:128 Resp: 709

Ion Ratio Lower Upper

128 100

127 30.3 10.3 15.5#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

