

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004591.D
 Acq On : 10 Aug 2018 12:40
 Operator : SY/AP
 Sample : J4351-05
 Misc : 10.55G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 11 00:59:38 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	569899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1002383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	861345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	344562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	351175	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
35) Dibromofluoromethane	7.89	113	338653	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	10.33	98	1065068	41.80	ug/l	0.00
Spiked Amount			Recovery	=	83.60%	
62) 4-Bromofluorobenzene	12.62	95	332682	36.25	ug/l	0.00
Spiked Amount			Recovery	=	72.50%	

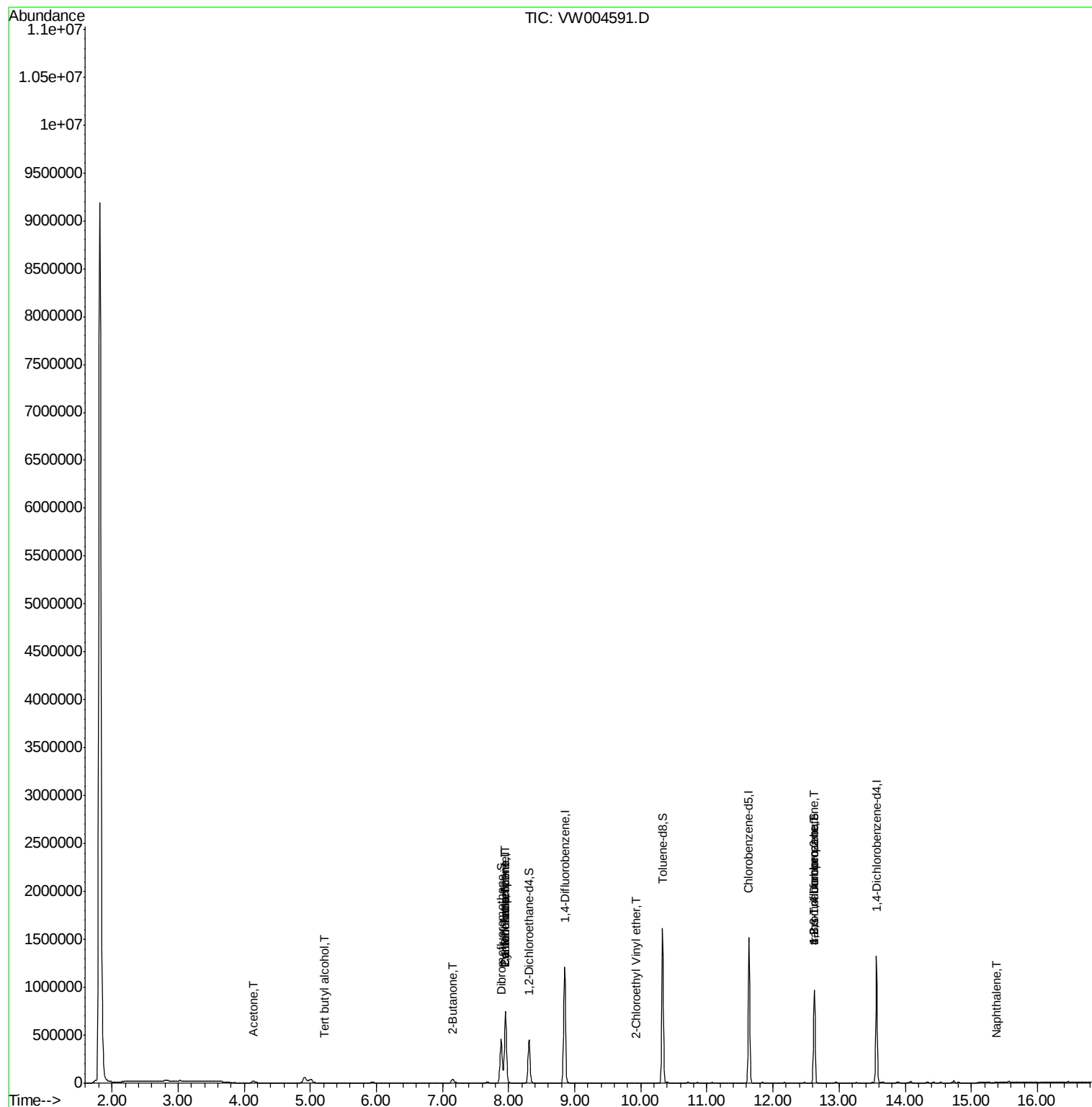
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	3608	9.768	ug/l #	81
16) Acetone	4.14	43	39336	24.968	ug/l	100
20) Methylene Chloride	4.91	84	53575	Below Cal		98
25) 2-Butanone	7.16	43	2634	1.039	ug/l #	73
31) Cyclohexane	7.95	56	11828	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	44042	4.081	ug/l #	50
38) Carbon Tetrachloride	7.95	117	54623	5.624	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	101	8.971	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	159229	44.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	159229	106.907	ug/l #	13
95) Naphthalene	15.38	128	2993	3.098	ug/l #	90

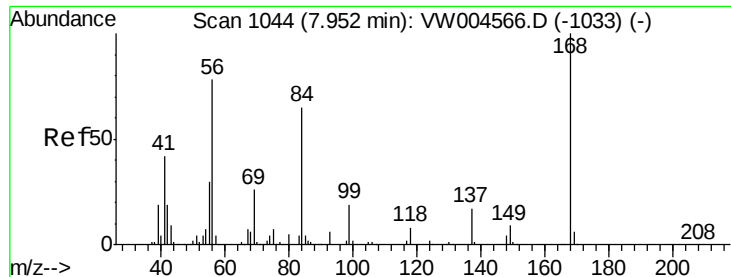
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
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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: VW004591.D

Acq: 10 Aug 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

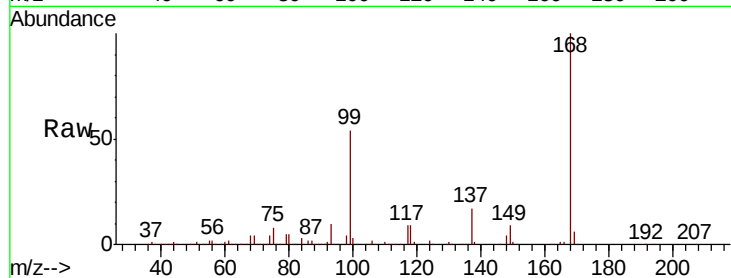
JTY-SB-01-1-2

Tgt Ion:168 Resp: 569899

Ion Ratio Lower Upper

168 100

99 54.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

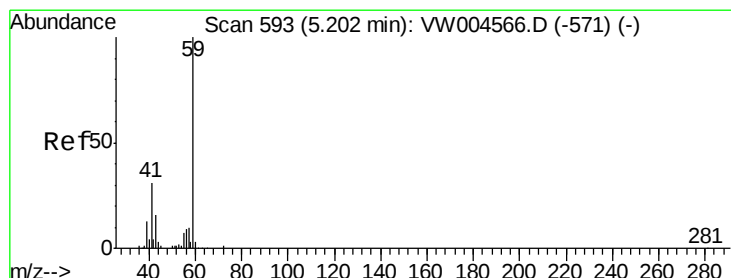
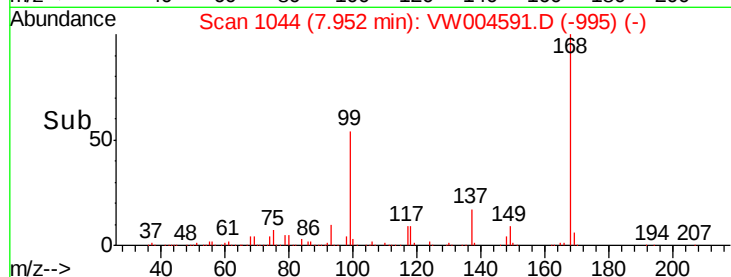
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 9.768 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004591.D

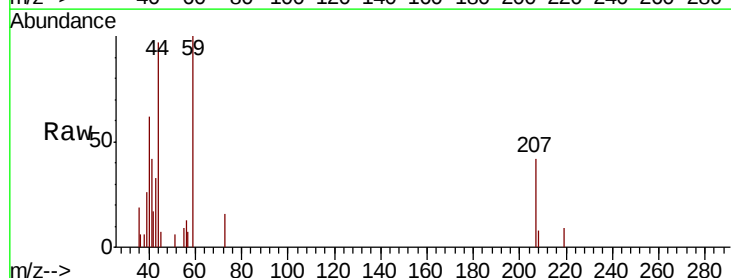
Acq: 10 Aug 2018 12:40

Tgt Ion: 59 Resp: 3608

Ion Ratio Lower Upper

59 100

57 4.2 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

1000

800

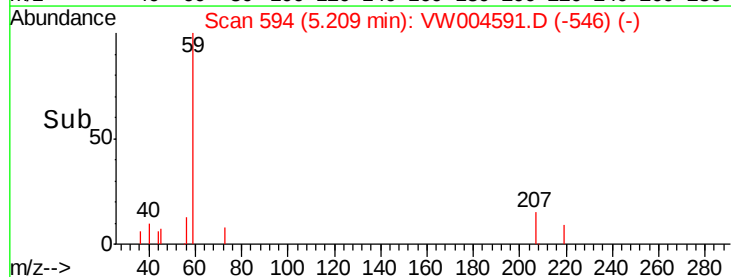
600

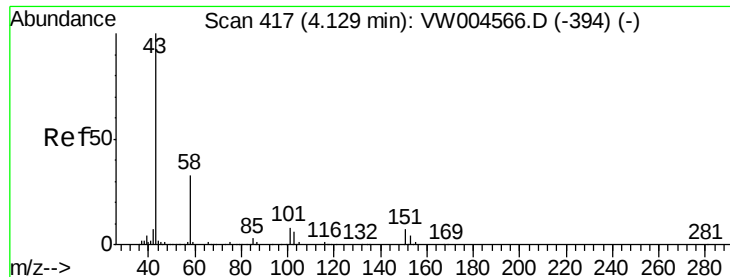
400

200

0

Time-->





#16

Acetone

Concen: 24.968 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

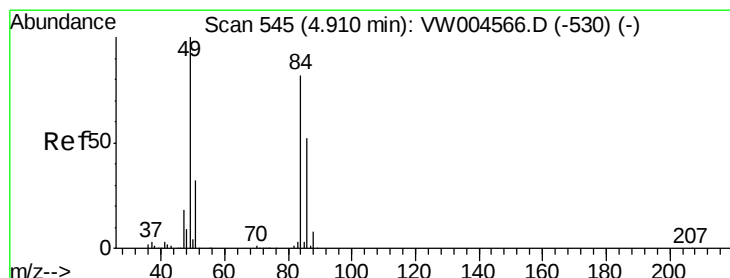
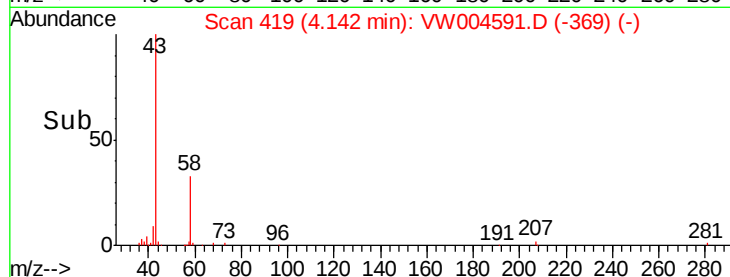
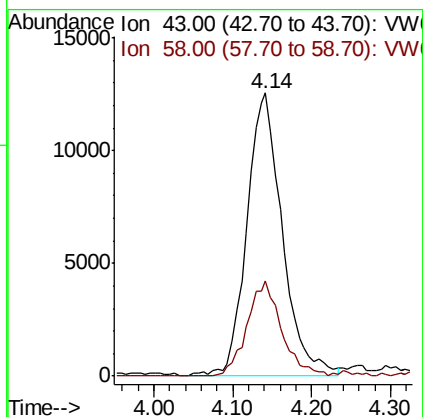
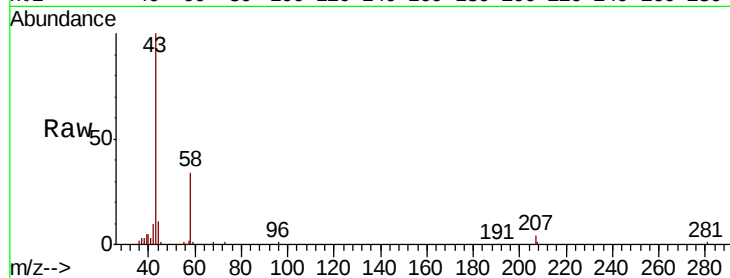
JTY-SB-01-1-2

Tgt Ion: 43 Resp: 39336

Ion Ratio Lower Upper

43 100

58 33.6 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

Tgt Ion: 84 Resp: 53575

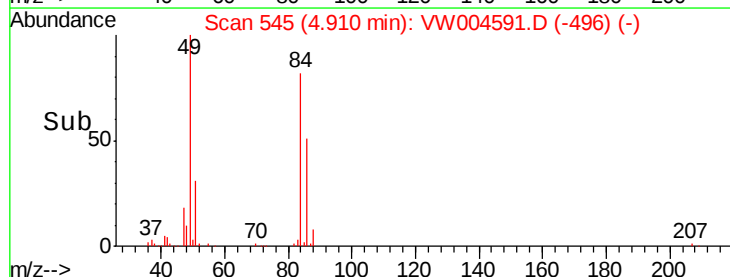
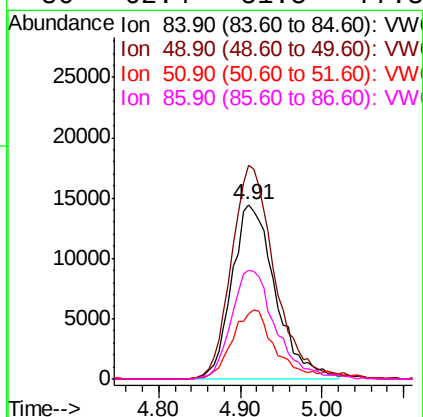
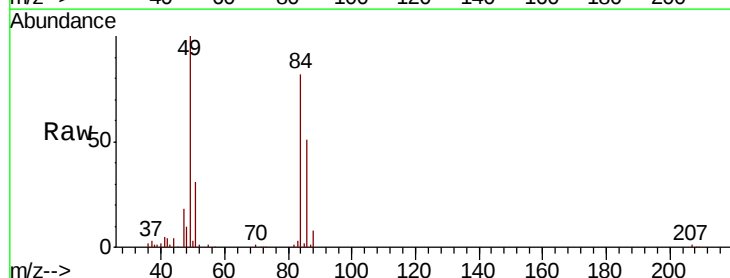
Ion Ratio Lower Upper

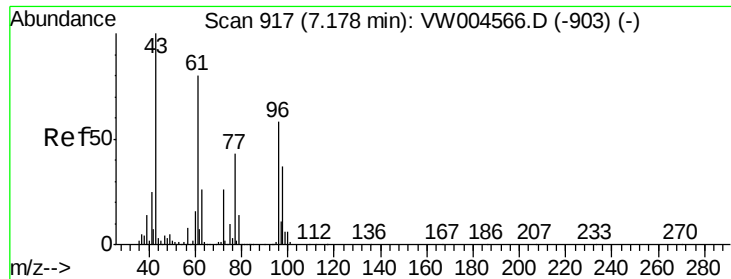
84 100

49 122.6 99.6 149.4

51 37.7 31.0 46.4

86 62.4 51.5 77.3

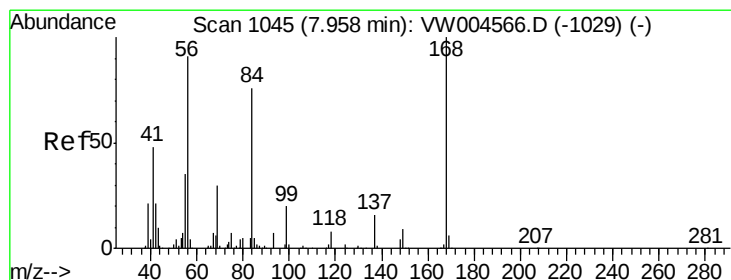
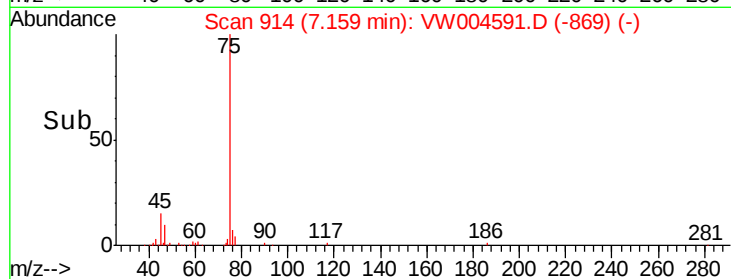
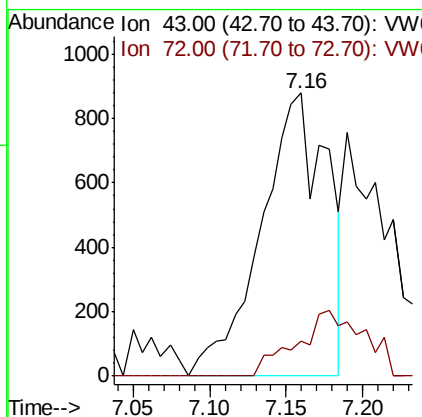
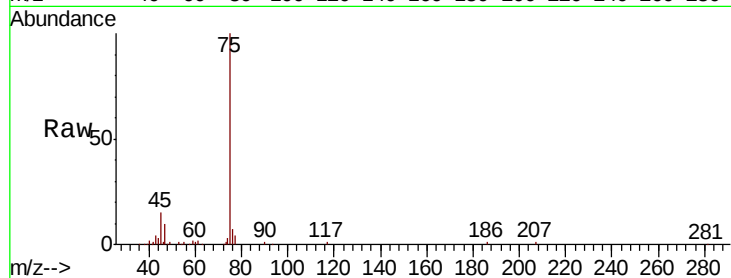




#25
2-Butanone
Concen: 1.039 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004591.D
Acq: 10 Aug 2018 12:40

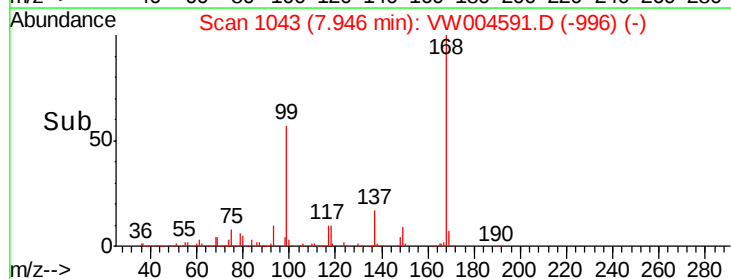
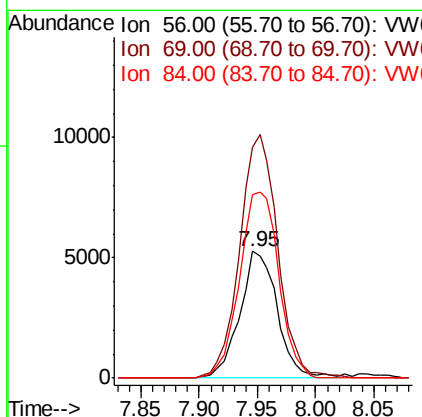
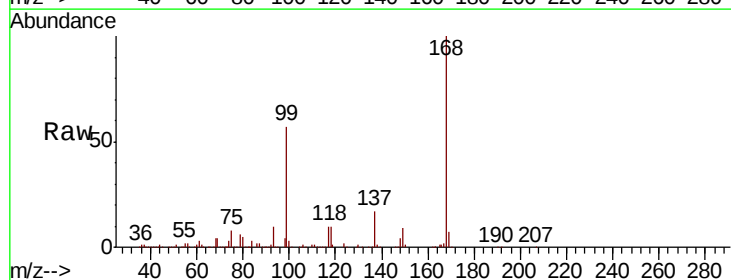
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

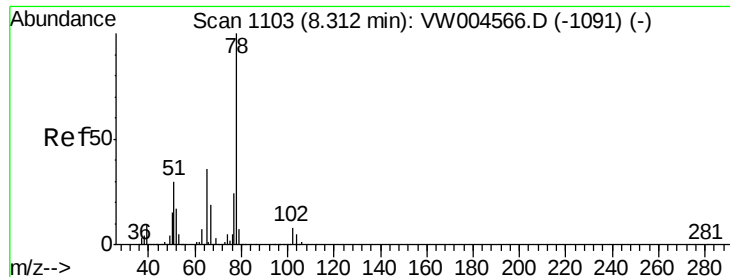
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
72 12.4 21.0 31.6#



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004591.D
Acq: 10 Aug 2018 12:40

Tgt Ion: 56 Resp: 11828
Ion Ratio Lower Upper
56 100
69 182.4 26.4 39.6#
84 144.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.666 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

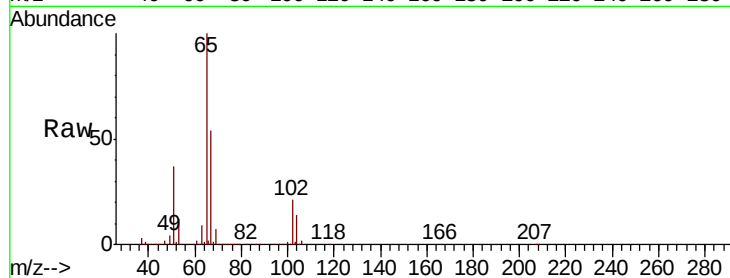
JTY-SB-01-1-2

Tgt Ion: 65 Resp: 351175

Ion Ratio Lower Upper

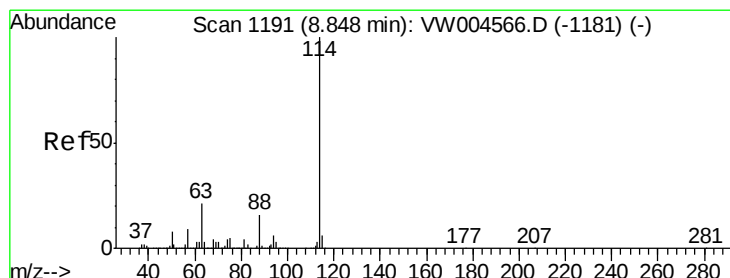
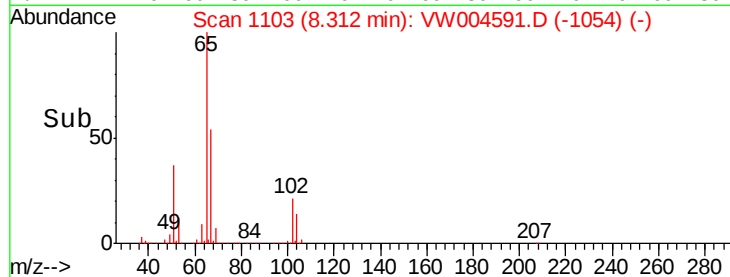
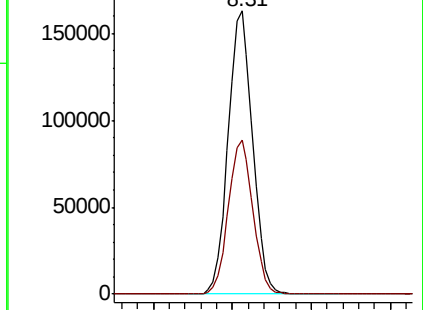
65 100

67 54.5 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: VW004591.D

Acq: 10 Aug 2018 12:40

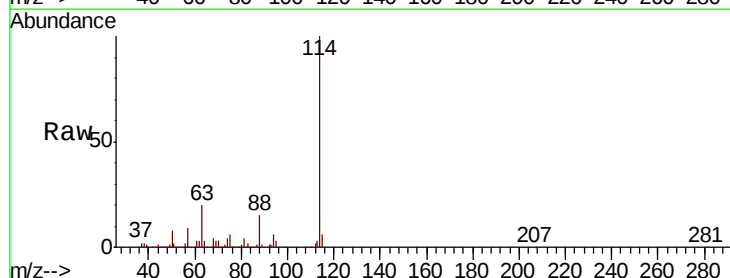
Tgt Ion: 114 Resp: 1002383

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

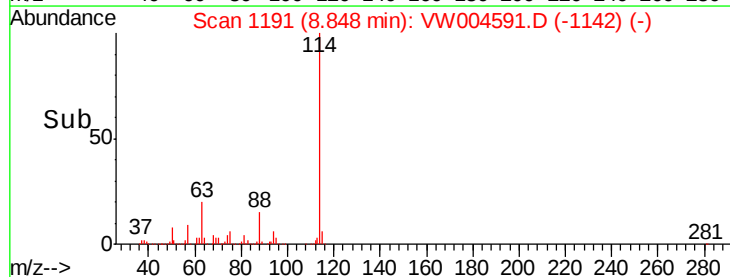
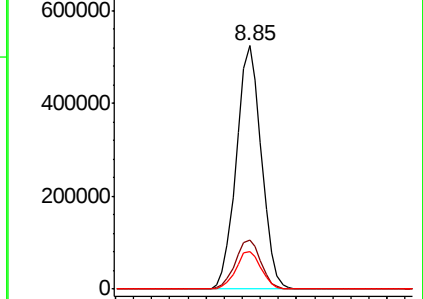
88 15.4 0.0 31.2

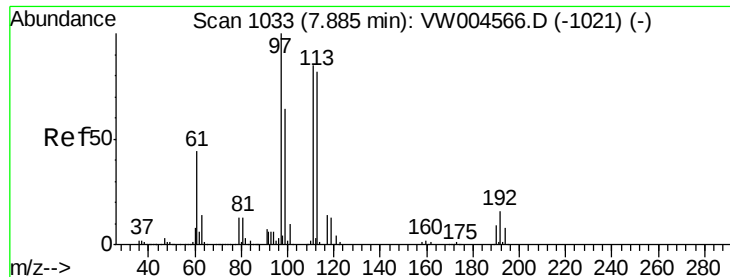


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

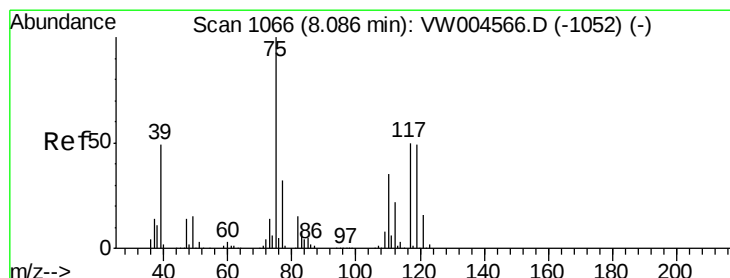
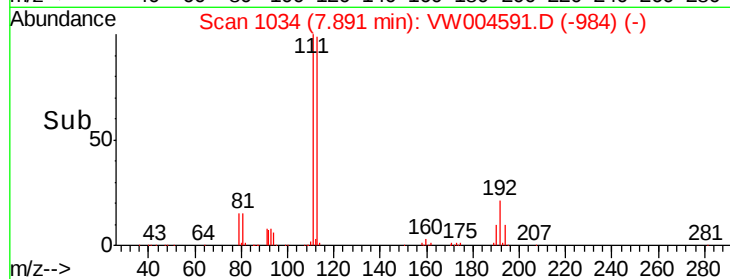
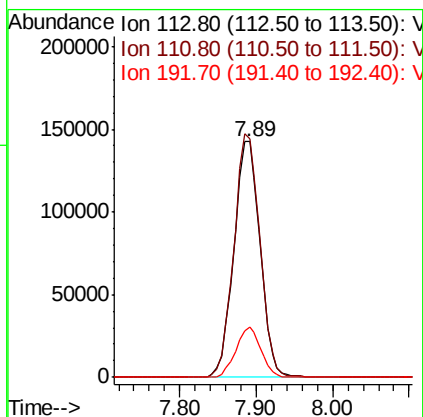
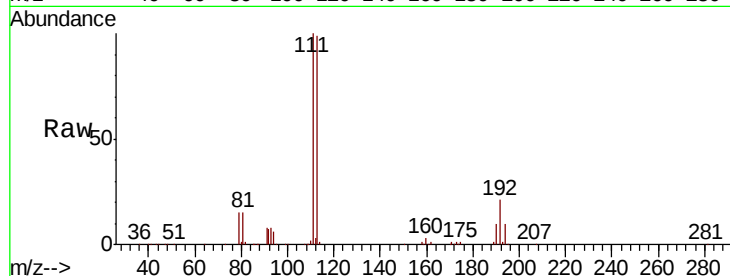




#35
 Dibromofluoromethane
 Concen: 50.669 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004591.D
 Acq: 10 Aug 2018 12:40

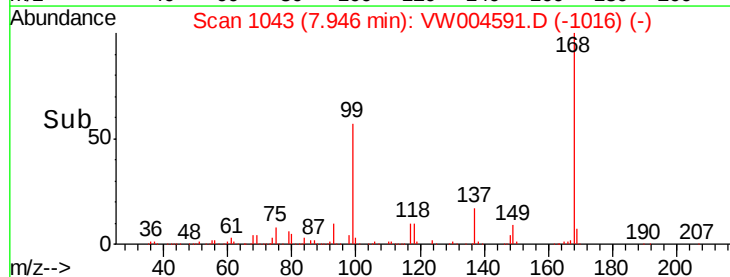
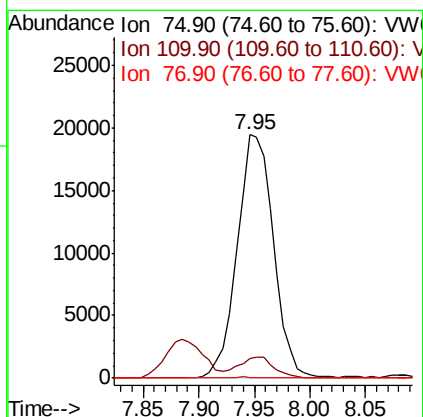
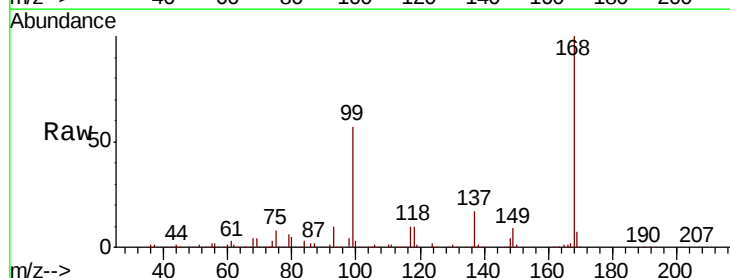
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 JTY-SB-01-1-2

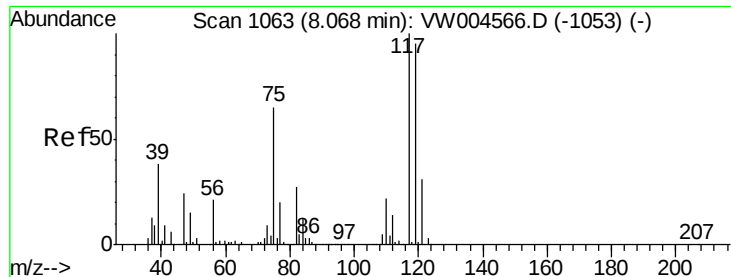
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.081 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004591.D
 Acq: 10 Aug 2018 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.4	52.2#
77	0.2	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.624 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-01-1-2

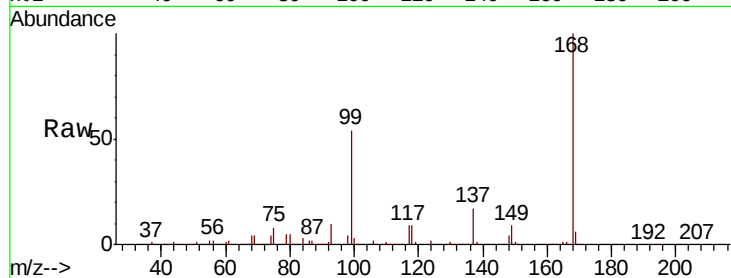
Tgt Ion:117 Resp: 54623

Ion Ratio Lower Upper

117 100

119 6.0 76.1 114.1#

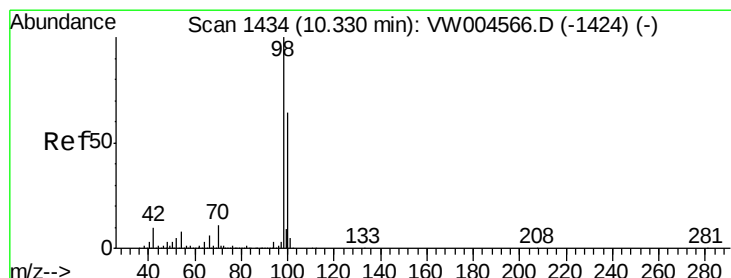
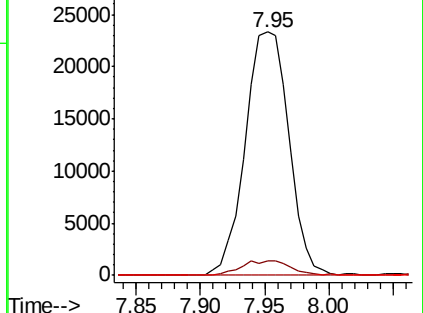
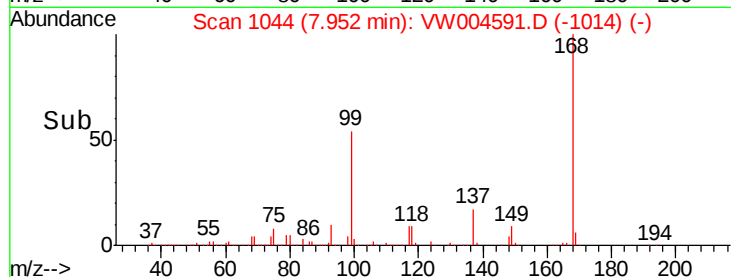
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 41.800 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004591.D

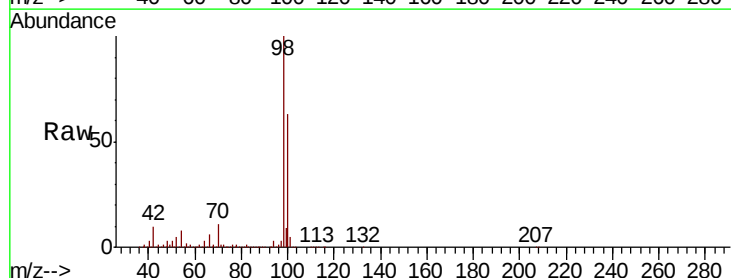
Acq: 10 Aug 2018 12:40

Tgt Ion: 98 Resp: 1065068

Ion Ratio Lower Upper

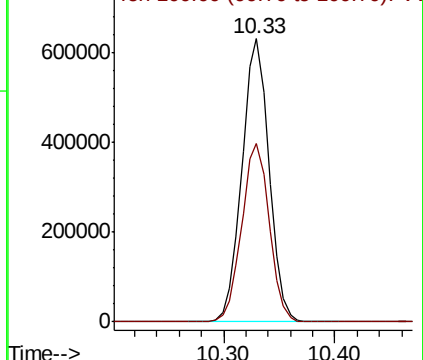
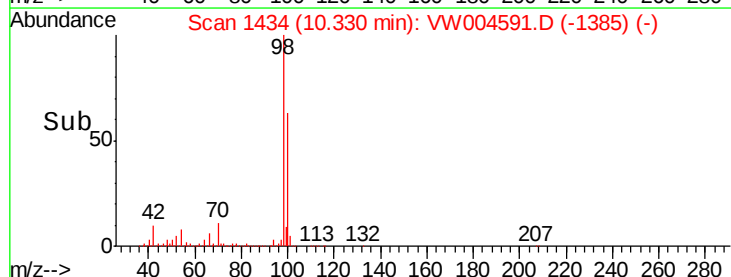
98 100

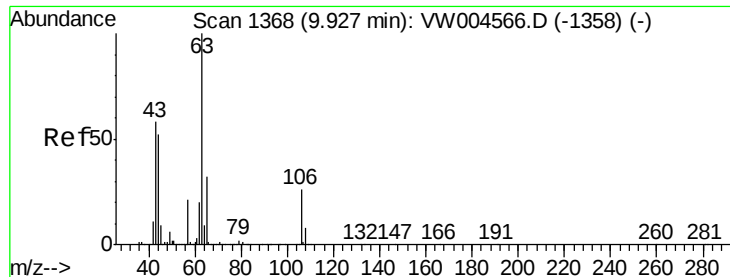
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

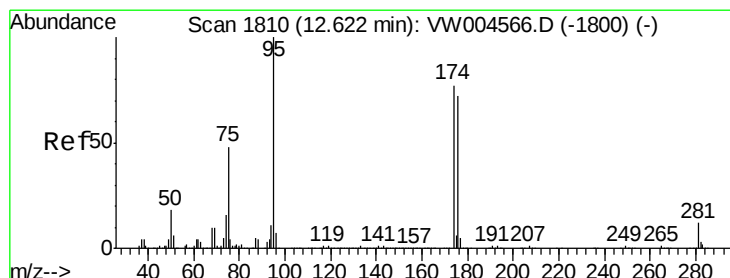
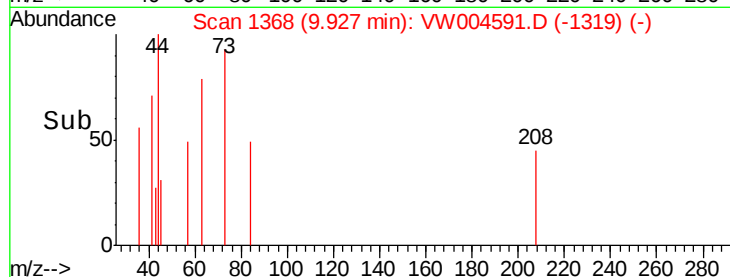
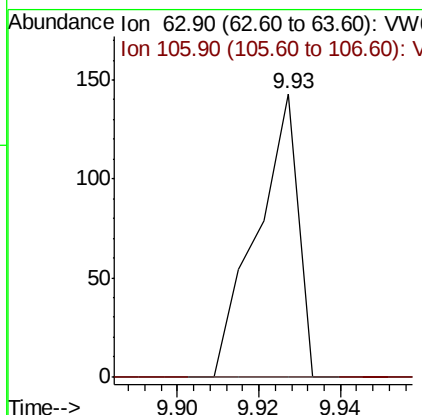
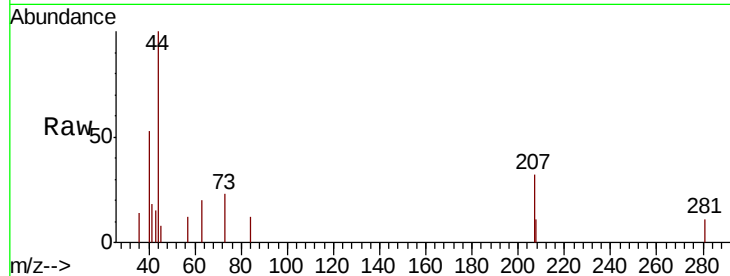




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.971 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004591.D
 Acq: 10 Aug 2018 12:40

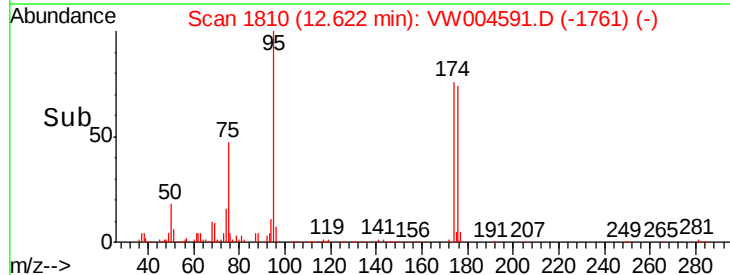
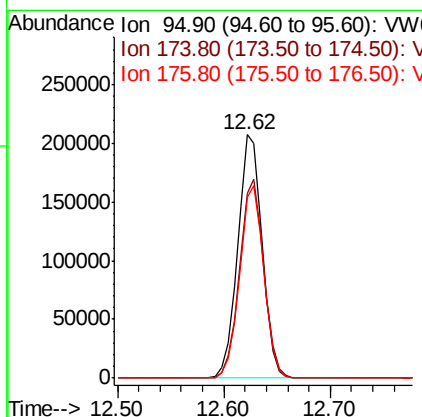
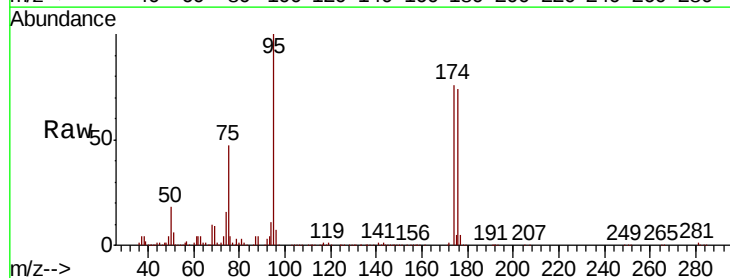
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-01-1-2

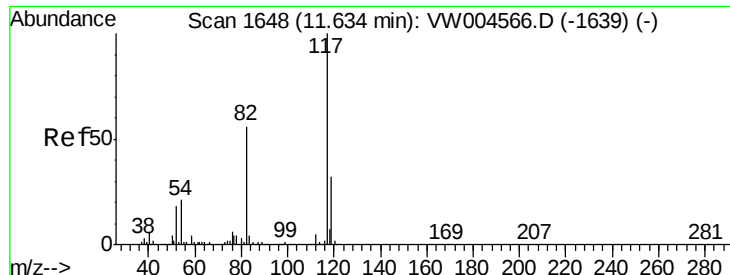
Tgt Ion: 63 Resp: 101
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 36.246 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004591.D
 Acq: 10 Aug 2018 12:40

Tgt Ion: 95 Resp: 332682
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 160.4
 176 78.3 0.0 153.2

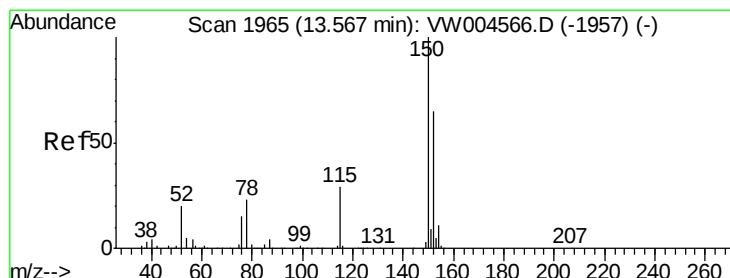
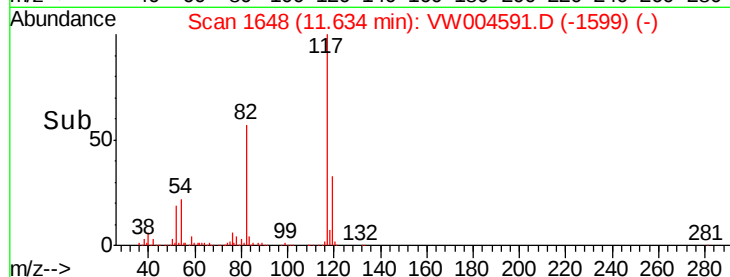
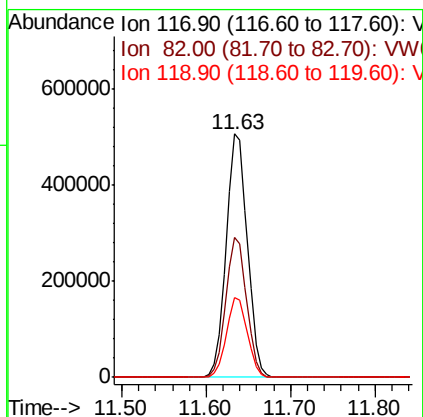
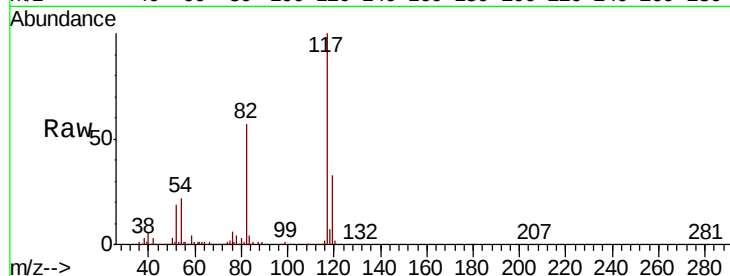




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004591.D
Acq: 10 Aug 2018 12:40

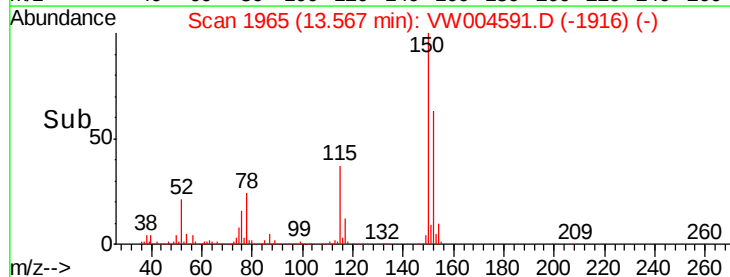
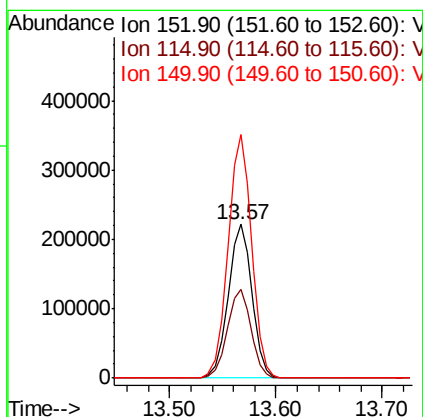
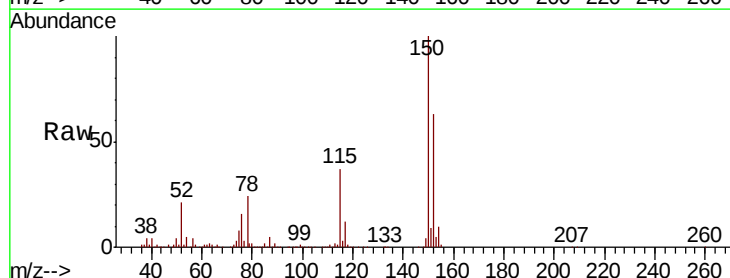
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-01-1-2

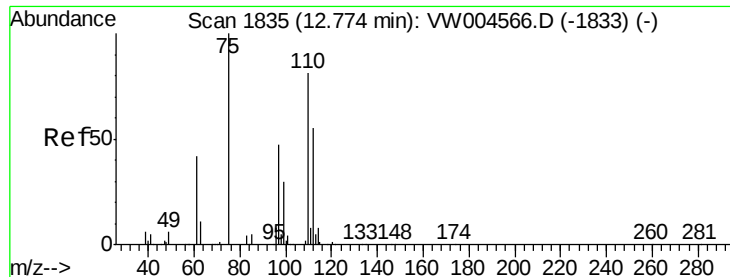
Tgt Ion:117 Resp: 861345
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004591.D
Acq: 10 Aug 2018 12:40

Tgt Ion:152 Resp: 344562
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 157.9 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 44.659 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

Instrument :

MSVOA_W

ClientSampleId :

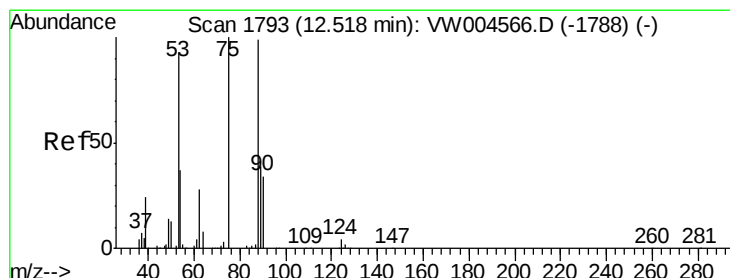
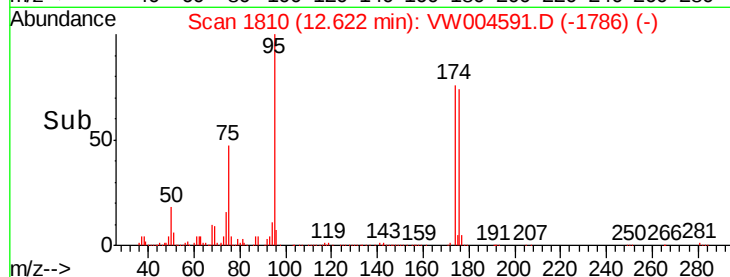
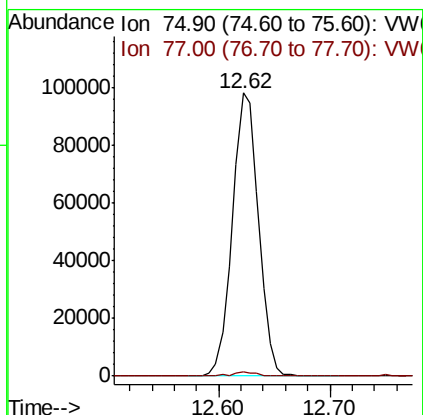
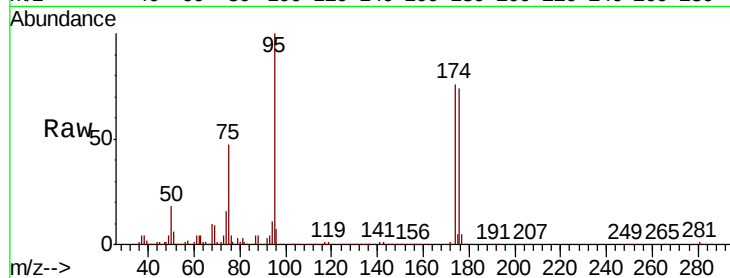
JTY-SB-01-1-2

Tgt Ion: 75 Resp: 159229

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.907 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004591.D

Acq: 10 Aug 2018 12:40

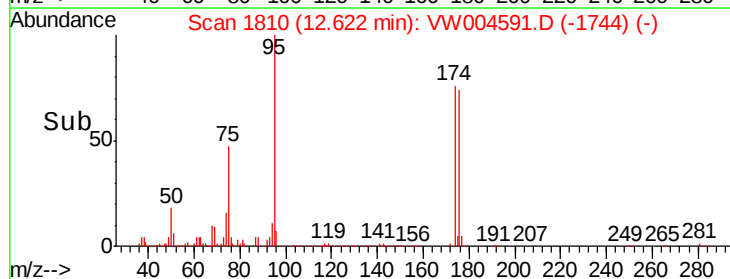
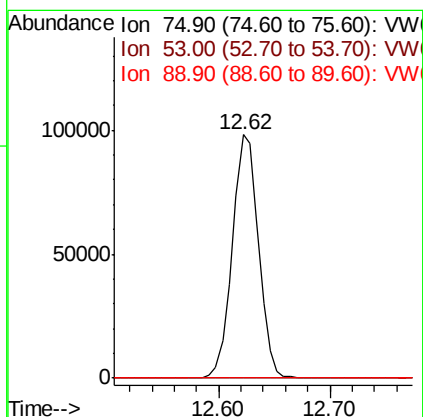
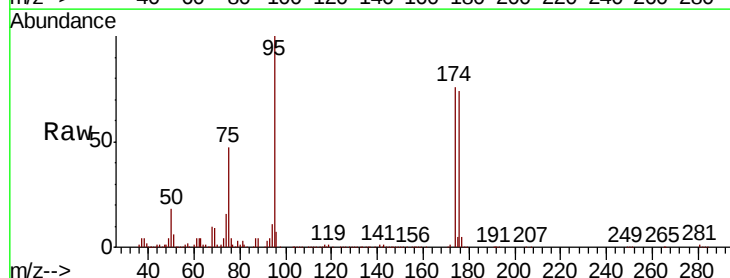
Tgt Ion: 75 Resp: 159229

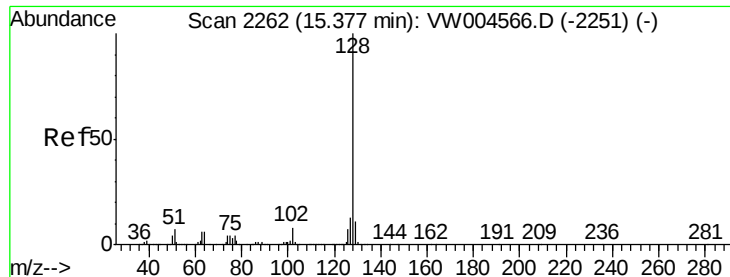
Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.1 35.9 53.9#





#95
 Naphthalene
 Concen: 3.098 ug/l
 RT: 15.38 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VW004591.D
 Acq: 10 Aug 2018 12:40

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.0	10.3	15.5#
129	12.0	8.6	13.0

