

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004597.D
 Acq On : 10 Aug 2018 15:15
 Operator : SY/AP
 Sample : J4382-01
 Misc : 16.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

Quant Time: Aug 11 01:00:36 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	729051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1245329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1145223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	560359	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	364546	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	7.88	113	348393	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	
50) Toluene-d8	10.33	98	1272108	40.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.38%	
62) 4-Bromofluorobenzene	12.62	95	407158	35.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.42%	

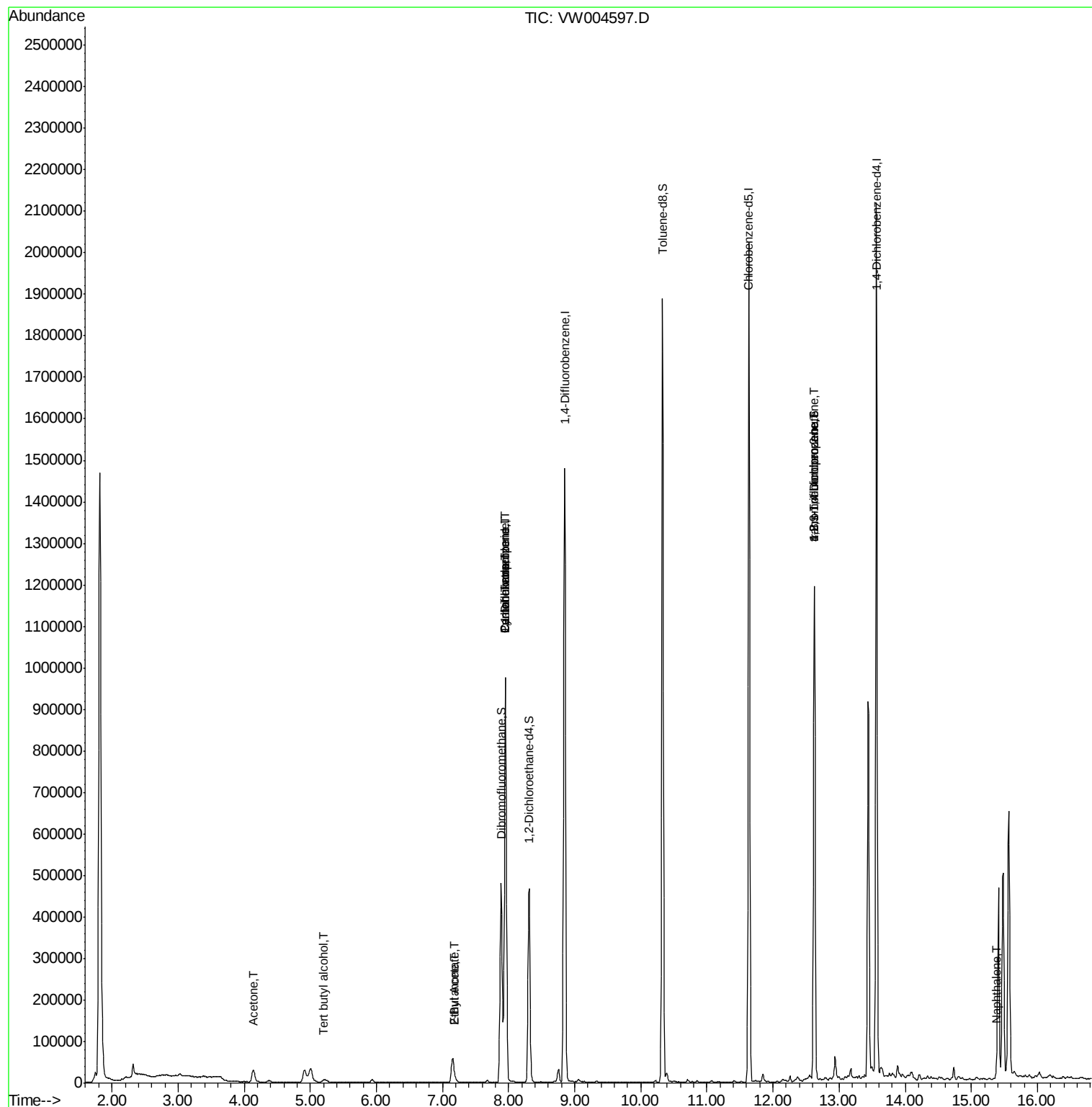
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	13881	29.376	ug/l #	86
16) Acetone	4.14	43	55478	27.526	ug/l	97
20) Methylene Chloride	4.92	84	29218	Below Cal		95
25) 2-Butanone	7.18	43	10746	3.315	ug/l	94
31) Cyclohexane	7.95	56	15232	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	57136	4.261	ug/l #	49
37) Ethyl Acetate	7.18	43	10746	1.711	ug/l #	67
38) Carbon Tetrachloride	7.95	117	69433	5.754	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	198149	34.173	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	198149	81.805	ug/l #	12
95) Naphthalene	15.37	128	1850	2.984	ug/l #	85

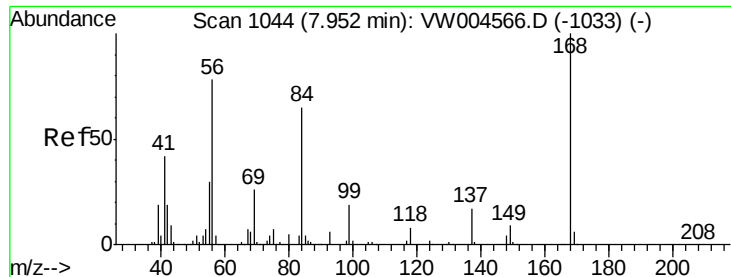
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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JTY-SB-05-5-7

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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: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

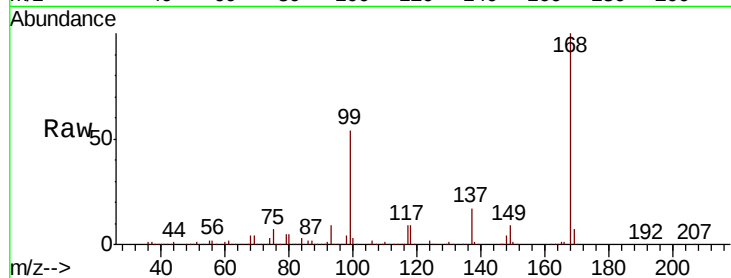
JTY-SB-05-5-7

Tgt Ion:168 Resp: 729051

Ion Ratio Lower Upper

168 100

99 54.4 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

400000

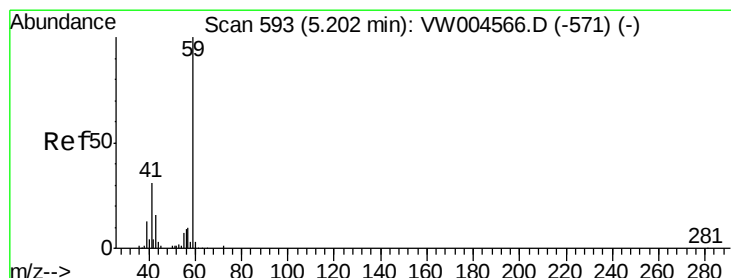
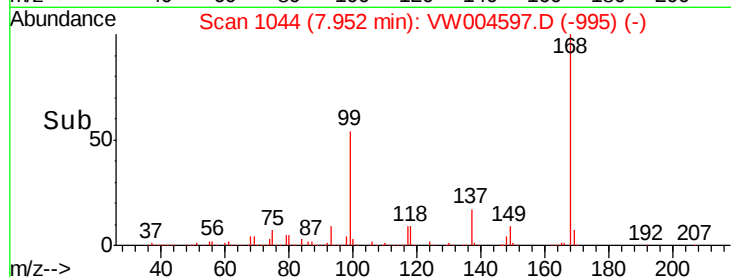
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 29.376 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004597.D

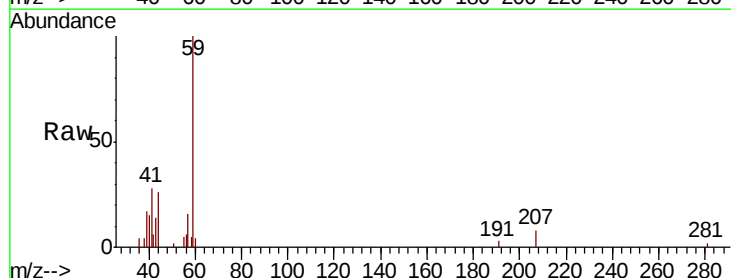
Acq: 10 Aug 2018 15:15

Tgt Ion: 59 Resp: 13881

Ion Ratio Lower Upper

59 100

57 6.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

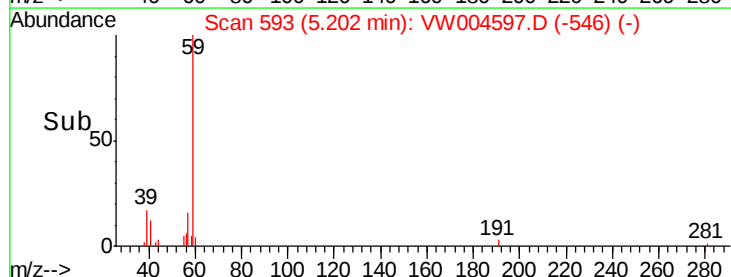
3000

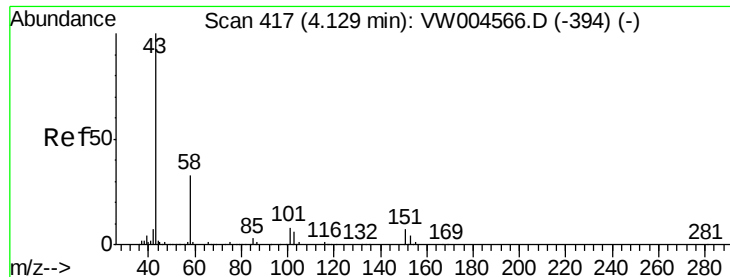
2000

1000

0

Time-->

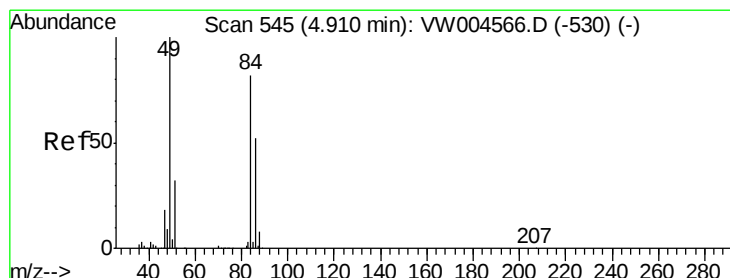
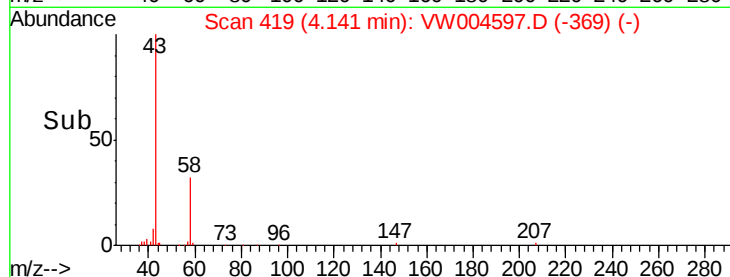
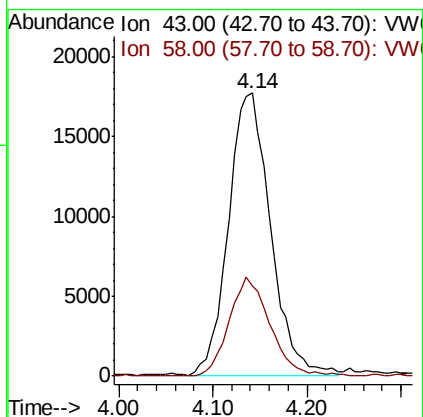
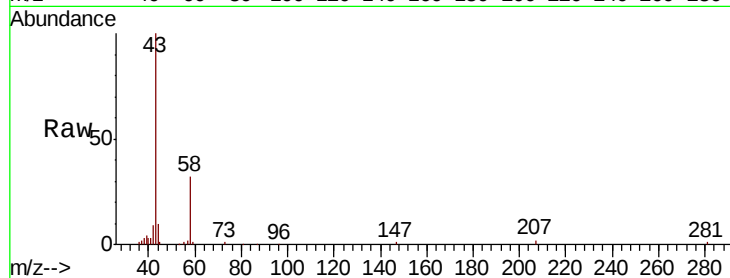




#16
Acetone
Concen: 27.526 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

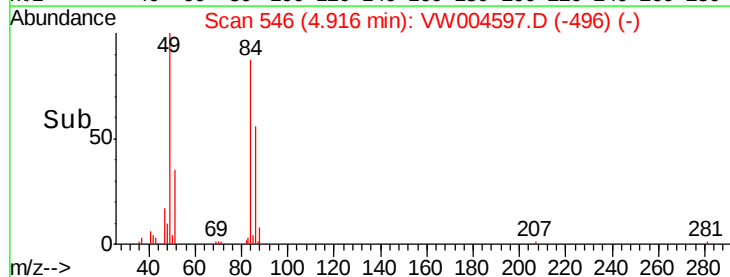
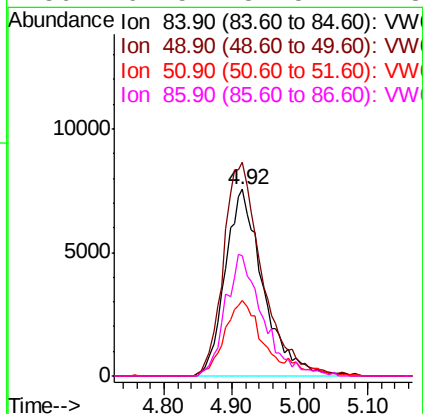
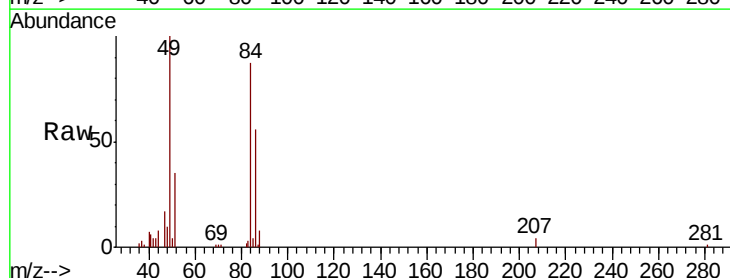
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

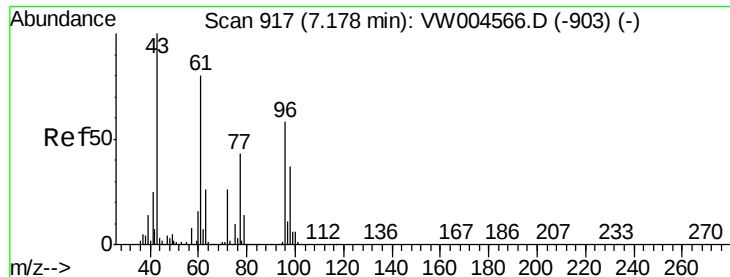
Tgt Ion: 43 Resp: 55478
Ion Ratio Lower Upper
43 100
58 31.9 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

Tgt Ion: 84 Resp: 29218
Ion Ratio Lower Upper
84 100
49 114.6 99.6 149.4
51 40.3 31.0 46.4
86 64.5 51.5 77.3





#25

2-Butanone

Concen: 3.315 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

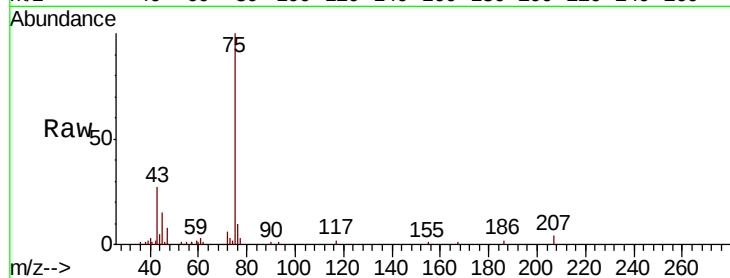
JTY-SB-05-5-7

Tgt Ion: 43 Resp: 10746

Ion Ratio Lower Upper

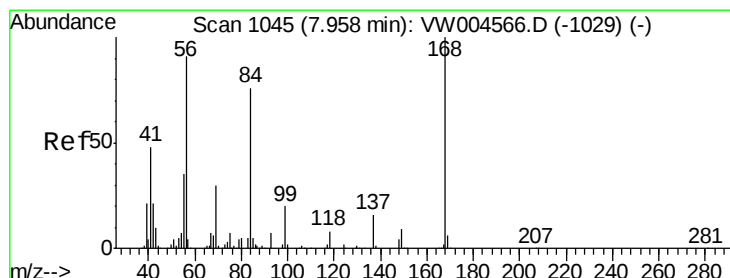
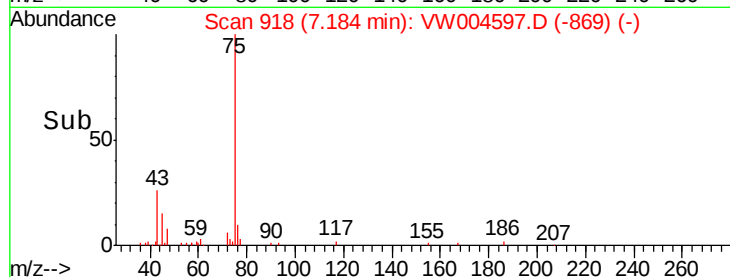
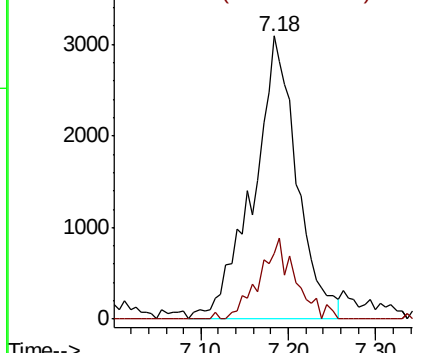
43 100

72 23.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

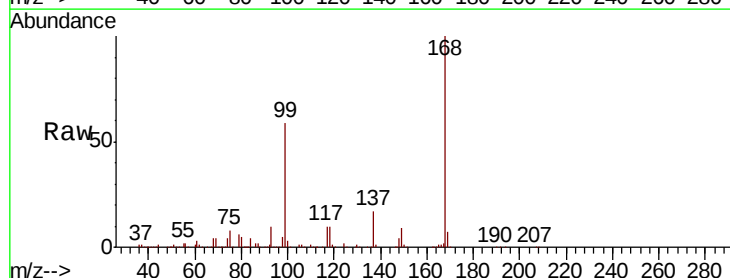
Tgt Ion: 56 Resp: 15232

Ion Ratio Lower Upper

56 100

69 183.1 26.4 39.6#

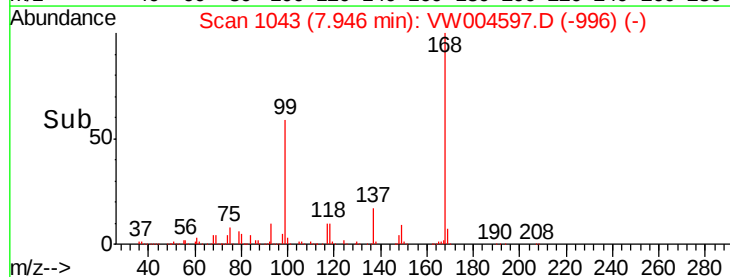
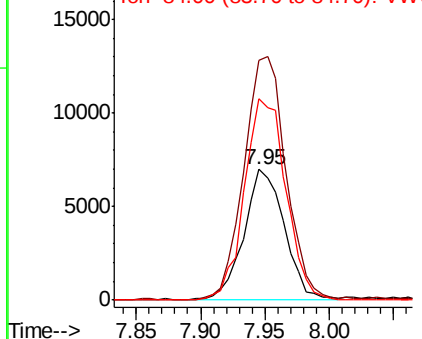
84 154.1 66.9 100.3#

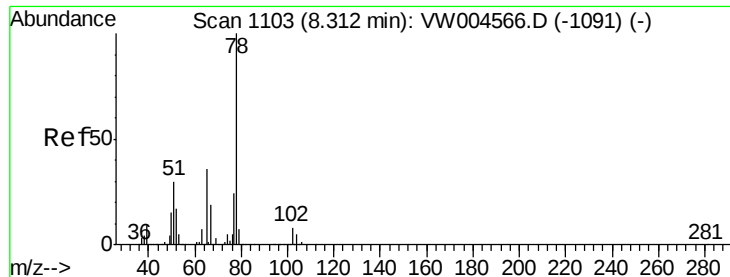


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

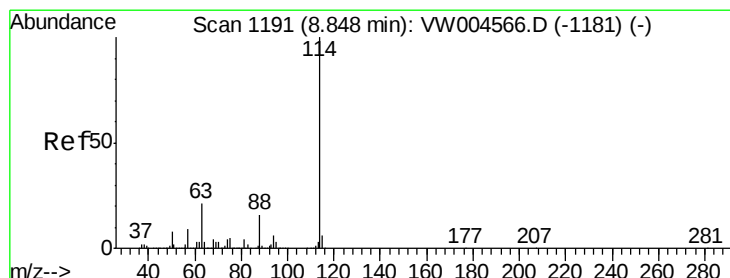
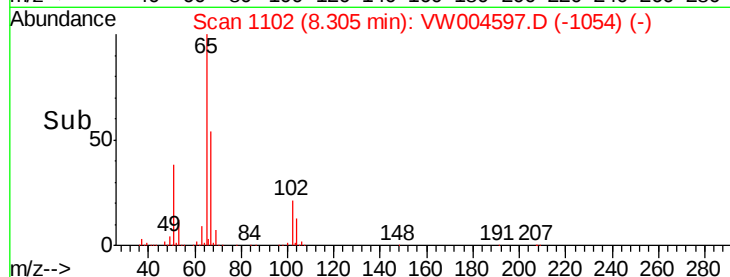
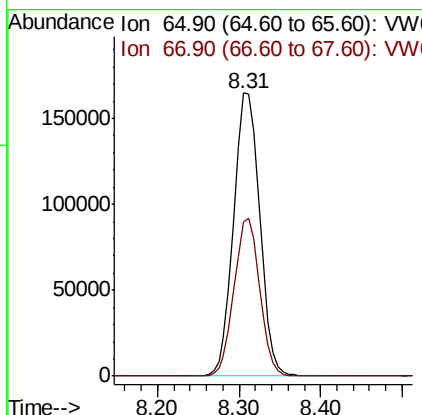
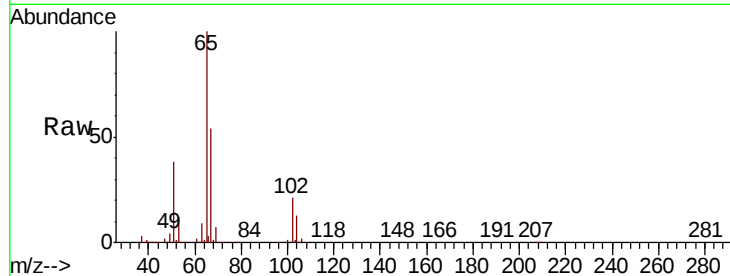




#33
 1,2-Dichloroethane-d4
 Concen: 45.171 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

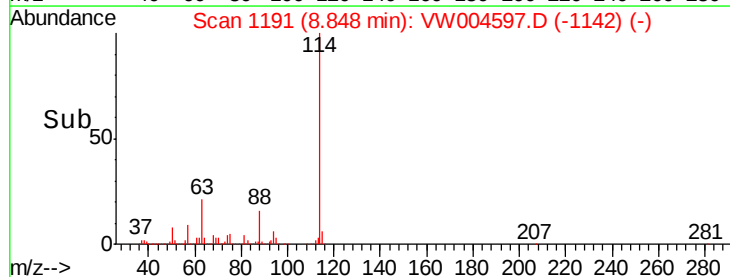
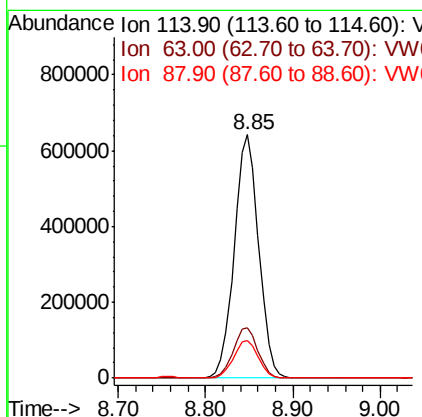
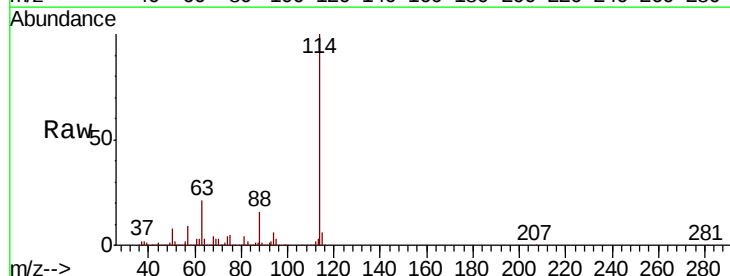
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

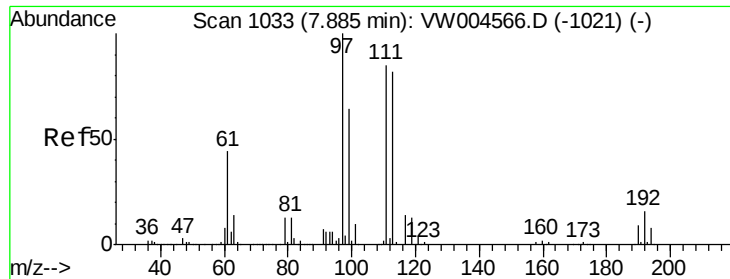
Tgt Ion: 65 Resp: 364546
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

Tgt Ion: 114 Resp: 1245329
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.6 0.0 31.2

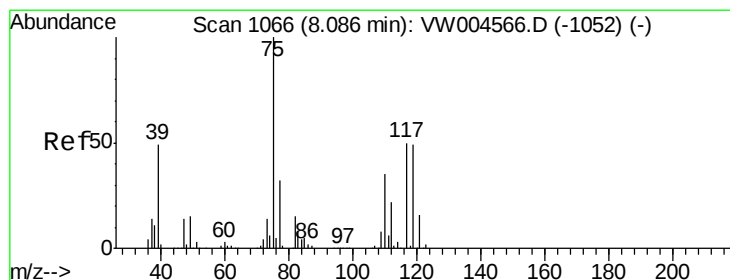
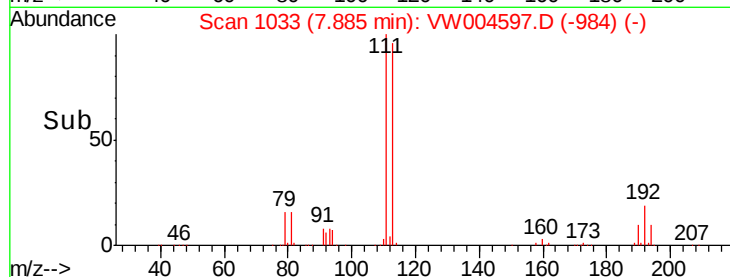
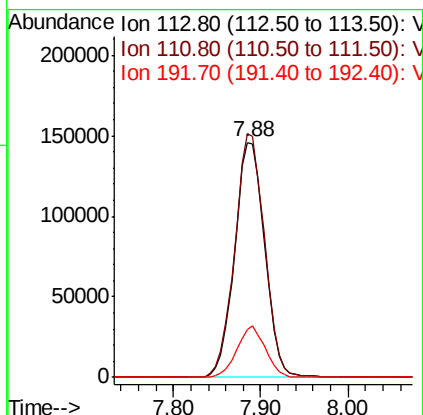
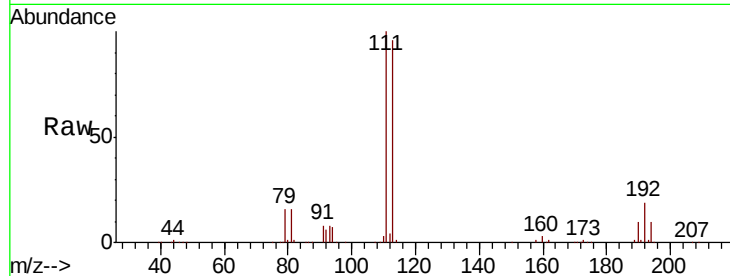




#35
 Dibromofluoromethane
 Concen: 41.958 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

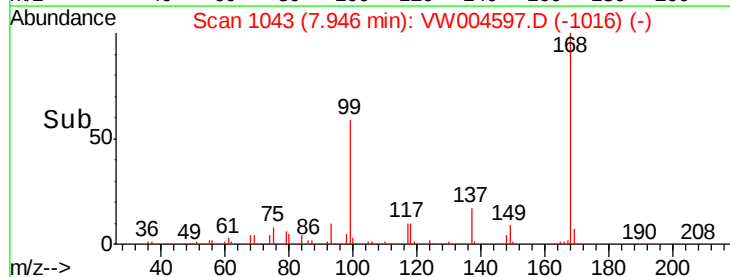
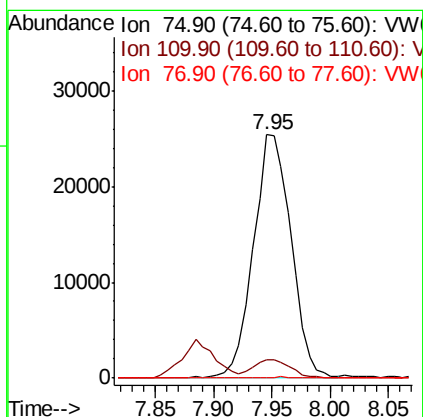
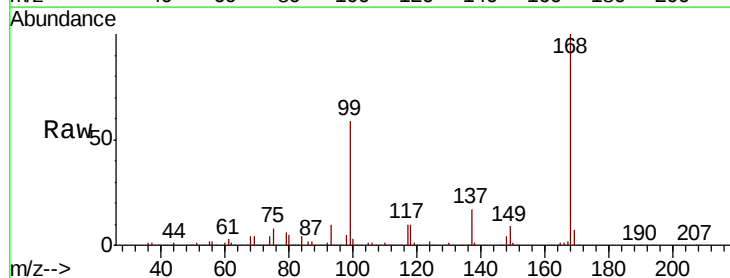
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

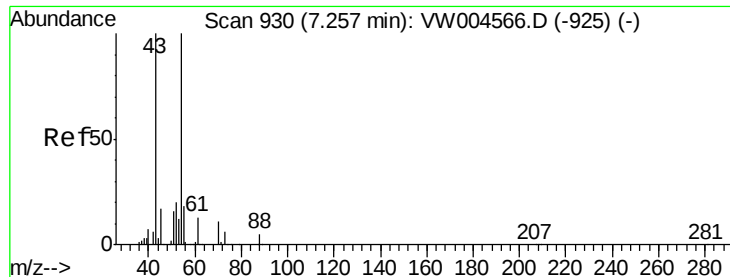
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	20.6	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.261 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.4	52.2#
77	0.2	24.7	37.1#

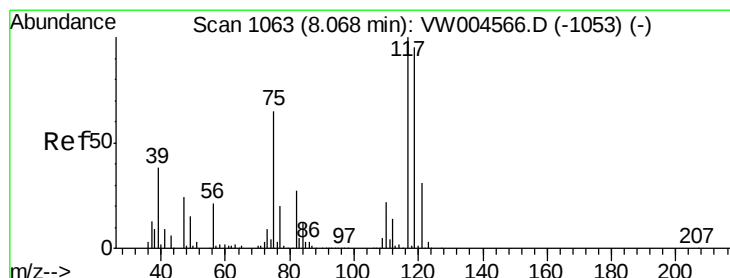
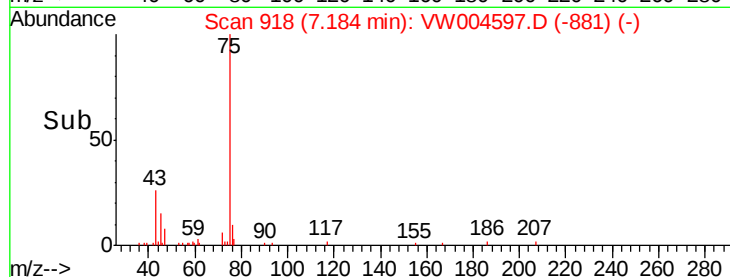
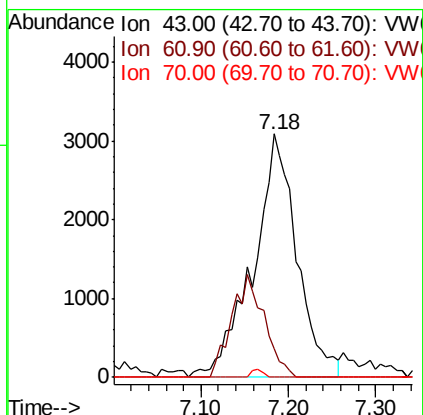
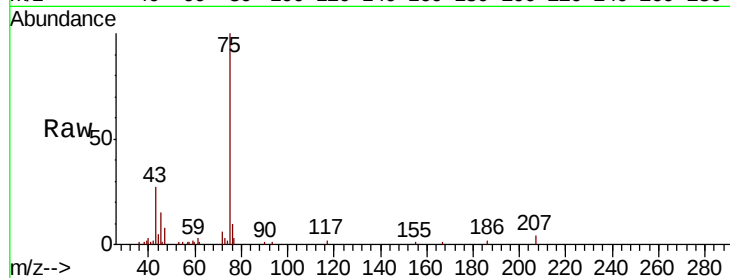




#37
Ethyl Acetate
Concen: 1.711 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.07 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

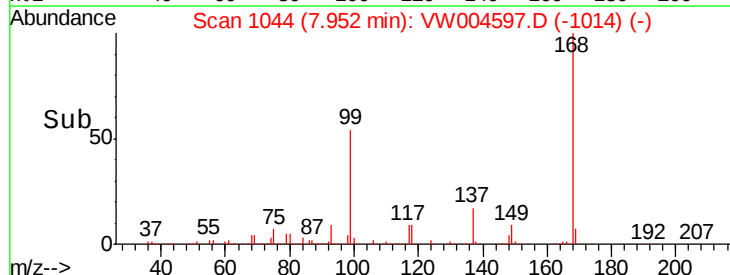
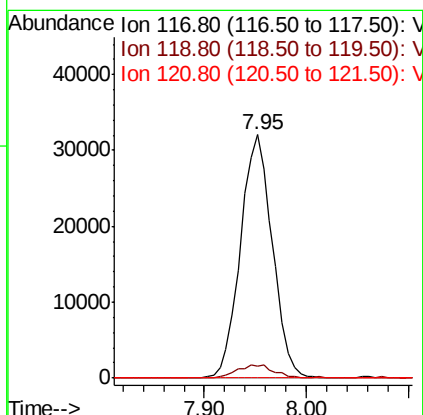
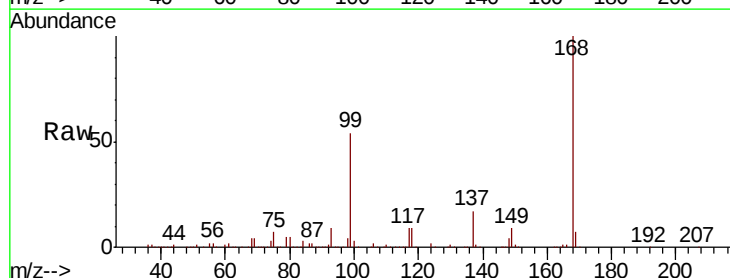
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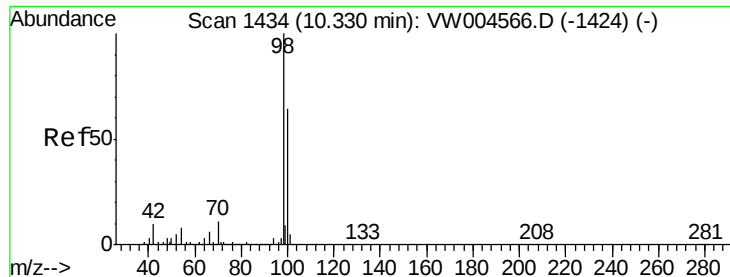
Tgt Ion: 43 Resp: 10746
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 5.754 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

Tgt Ion: 117 Resp: 69433
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 40.186 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

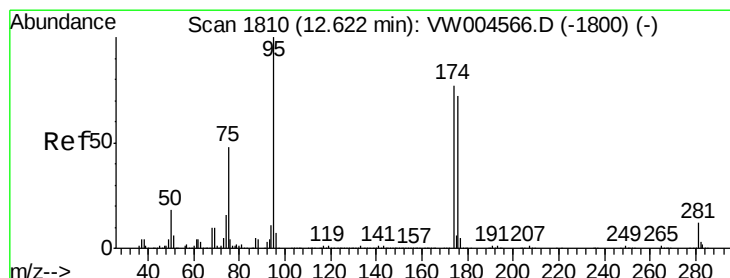
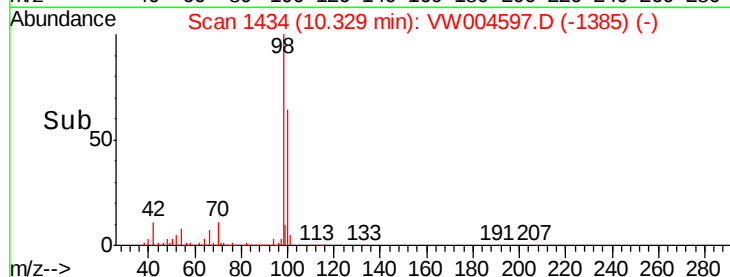
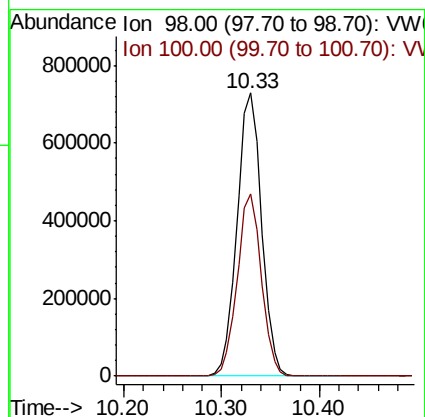
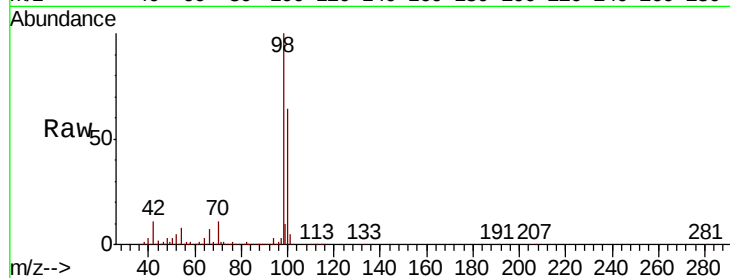
JTY-SB-05-5-7

Tgt Ion: 98 Resp: 1272108

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 35.706 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004597.D

Acq: 10 Aug 2018 15:15

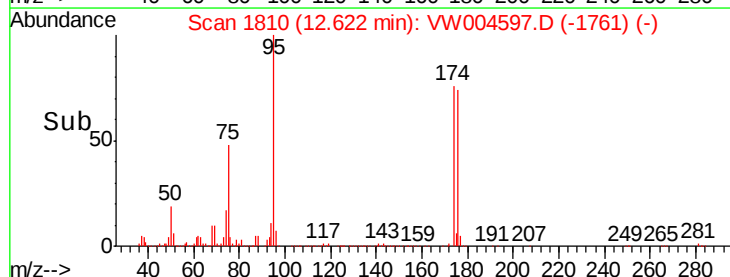
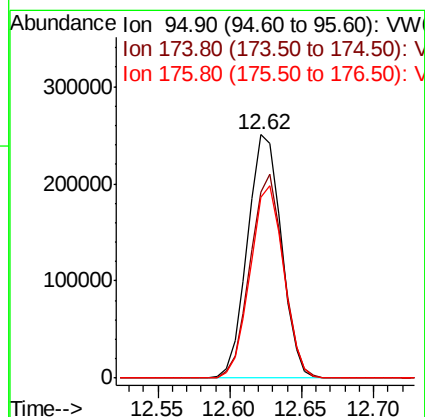
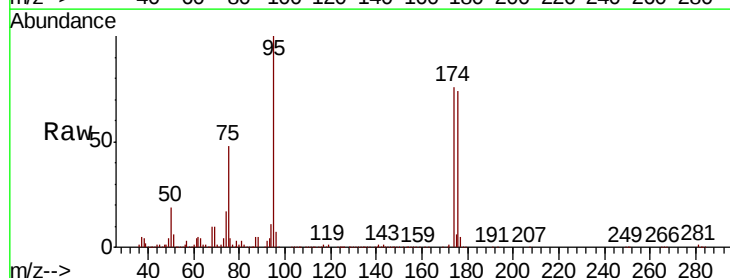
Tgt Ion: 95 Resp: 407158

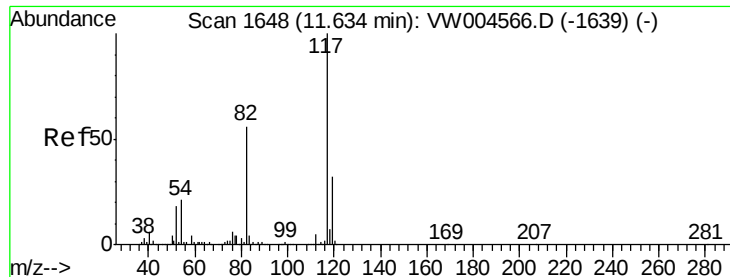
Ion Ratio Lower Upper

95 100

174 82.0 0.0 160.4

176 78.5 0.0 153.2

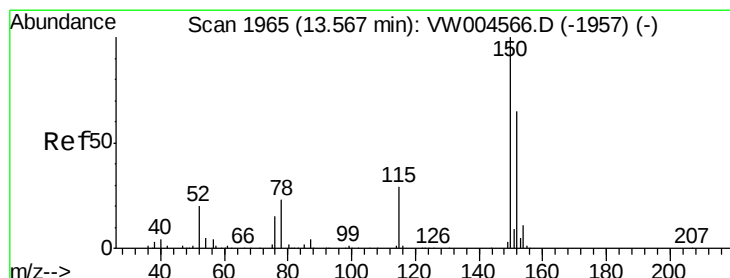
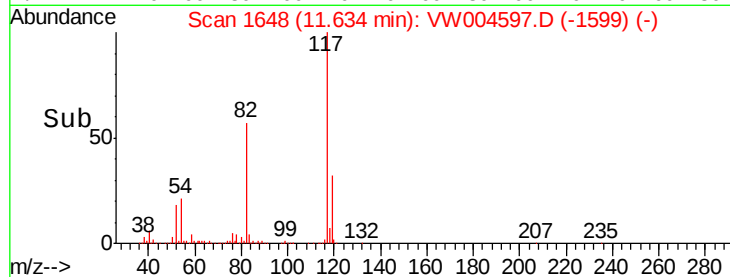
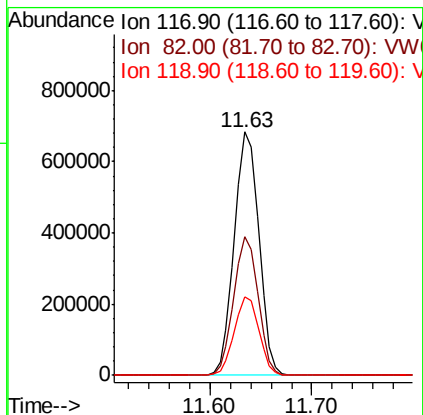
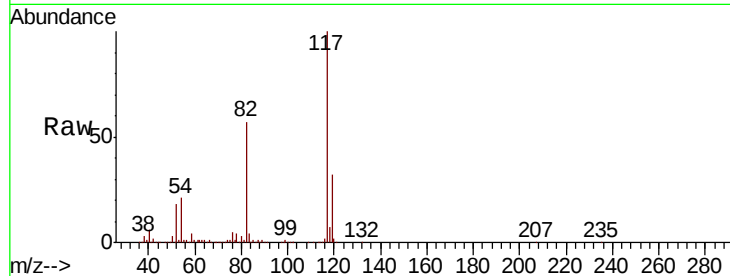




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

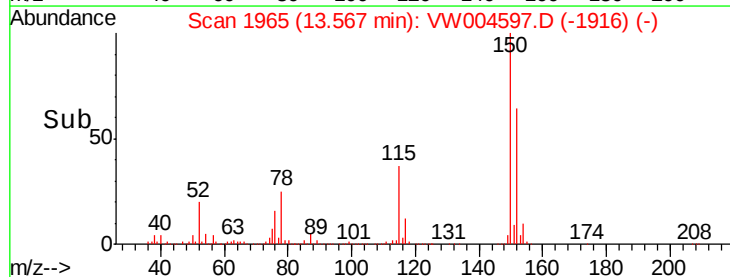
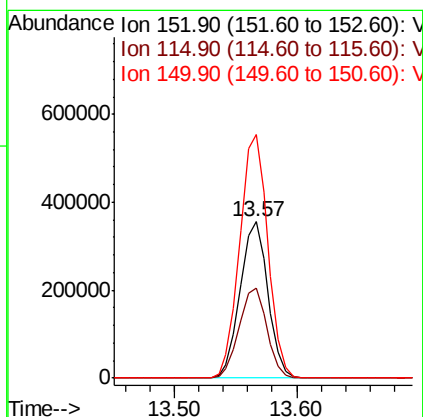
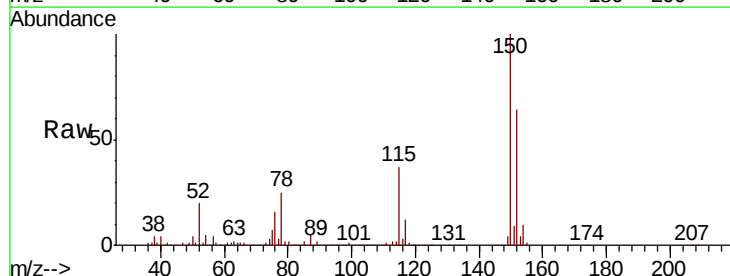
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

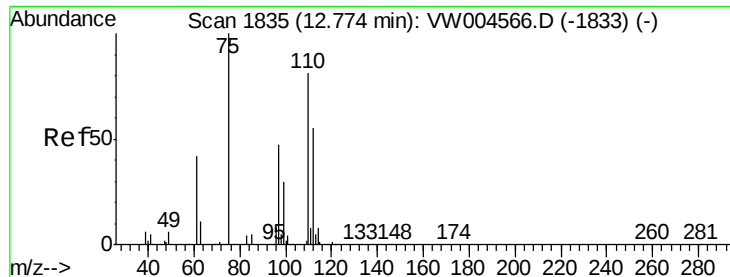
Tgt Ion:117 Resp: 1145223
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

Tgt Ion:152 Resp: 560359
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.1 0.0 349.6

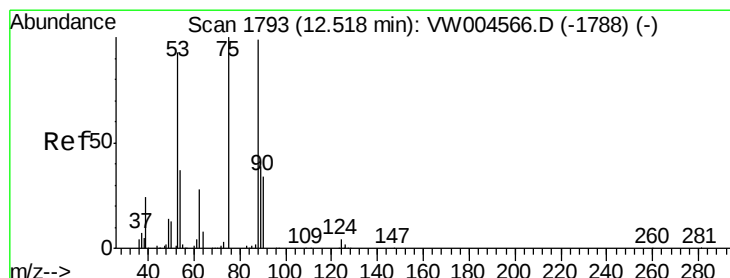
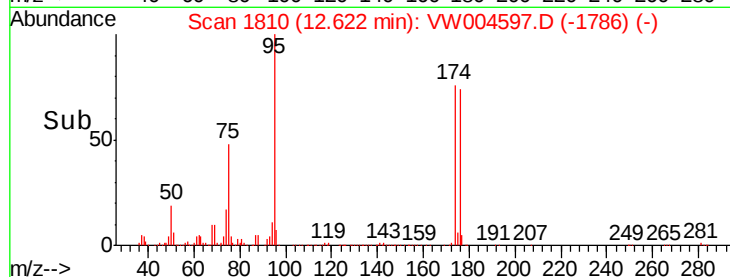
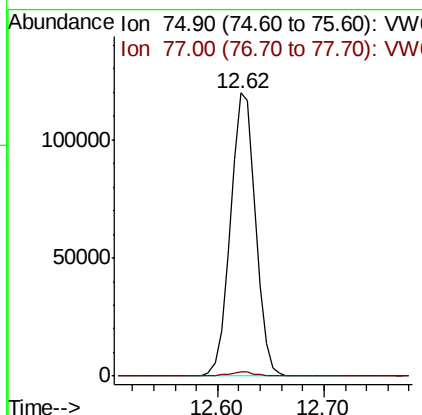
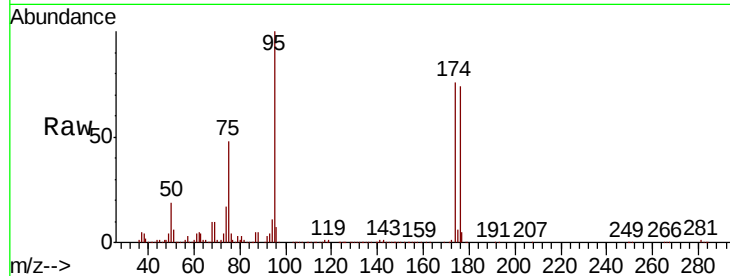




#76
 1,2,3-Trichloropropane
 Concen: 34.173 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

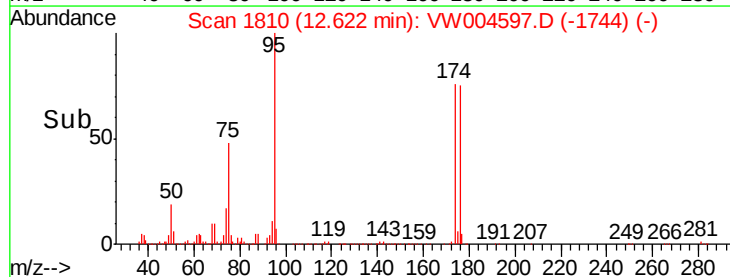
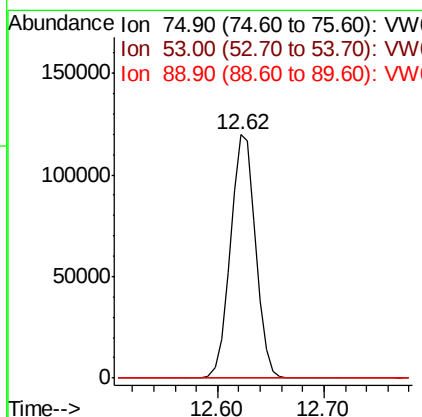
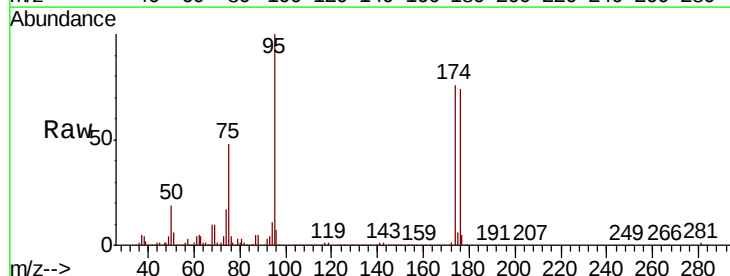
Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-05-5-7

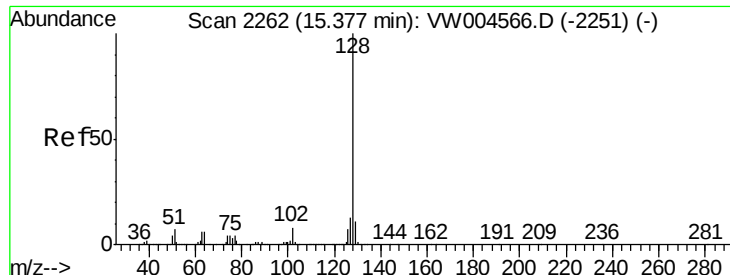
Tgt Ion: 75 Resp: 198149
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.805 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004597.D
 Acq: 10 Aug 2018 15:15

Tgt Ion: 75 Resp: 198149
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.4 111.6#
 89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 2.984 ug/l
RT: 15.37 min Scan# 2261
Delta R.T. -0.01 min
Lab File: VW004597.D
Acq: 10 Aug 2018 15:15

Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-05-5-7

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	0.0	8.6	13.0

