

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004598.D
 Acq On : 10 Aug 2018 15:40
 Operator : SY/AP
 Sample : J4382-02
 Misc : 17.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

Quant Time: Aug 11 01:00:46 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

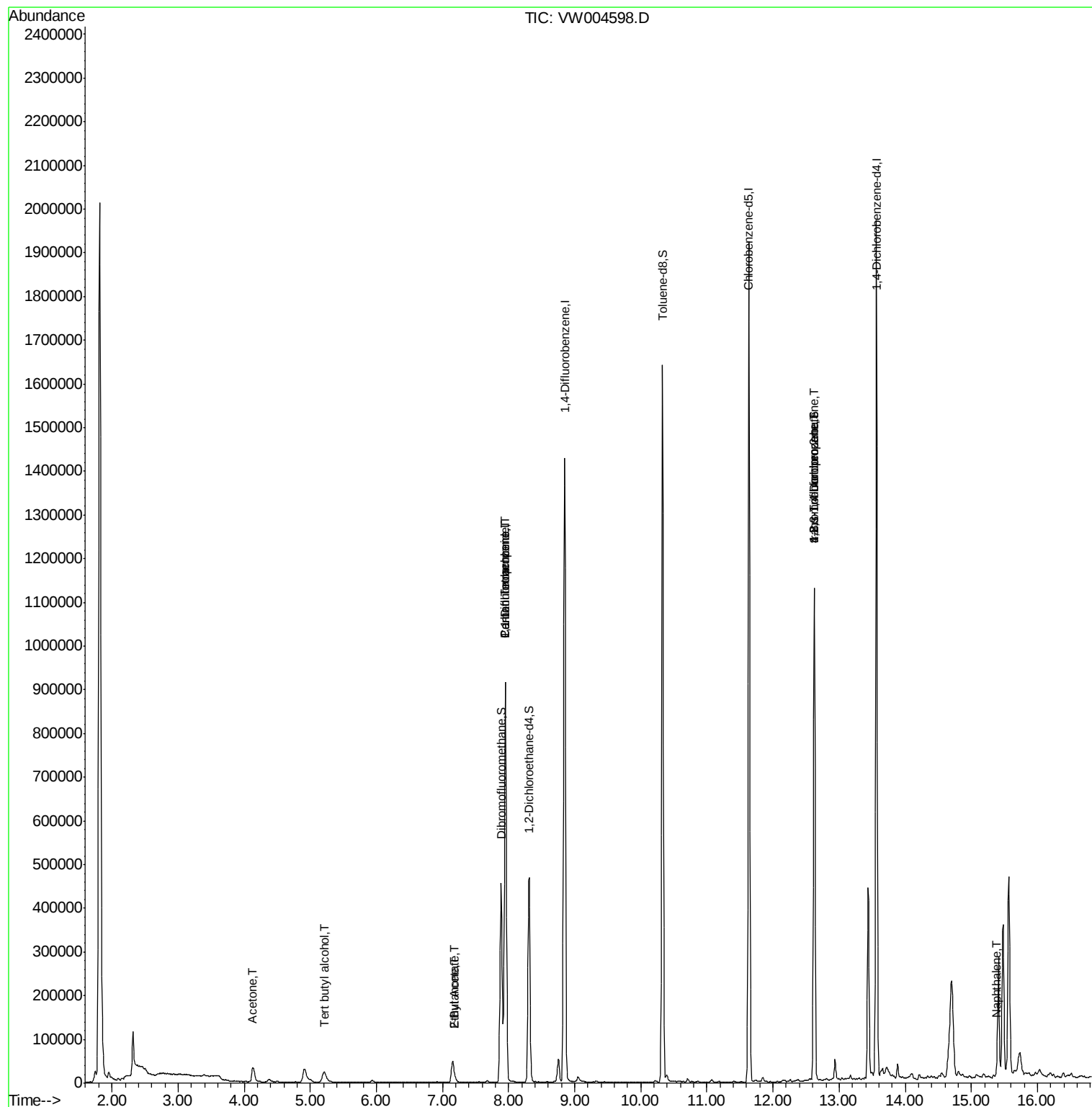
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	689344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1198899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1079097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	518623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	368033	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.88	113	329310	41.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.40%	
50) Toluene-d8	10.33	98	1089402	35.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.50%	
62) 4-Bromofluorobenzene	12.62	95	374212	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	46470	104.007	ug/l #	83
16) Acetone	4.13	43	61636	32.343	ug/l	94
20) Methylene Chloride	4.91	84	30573	Below Cal		96
25) 2-Butanone	7.19	43	13399	4.371	ug/l	94
36) 1,1-Dichloropropene	7.95	75	53930	4.178	ug/l #	49
37) Ethyl Acetate	7.19	43	13399	2.216	ug/l #	67
38) Carbon Tetrachloride	7.95	117	66713	5.743	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	182230	33.956	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	182230	81.287	ug/l #	13
95) Naphthalene	15.38	128	1052	2.958	ug/l #	69

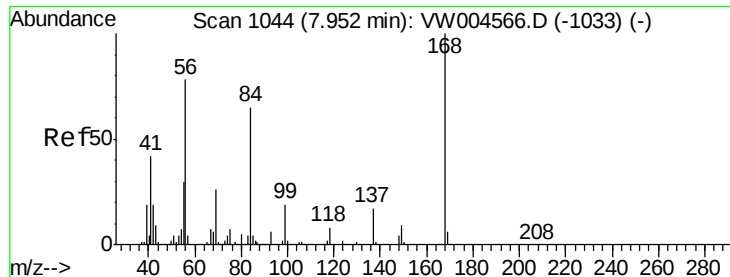
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
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: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

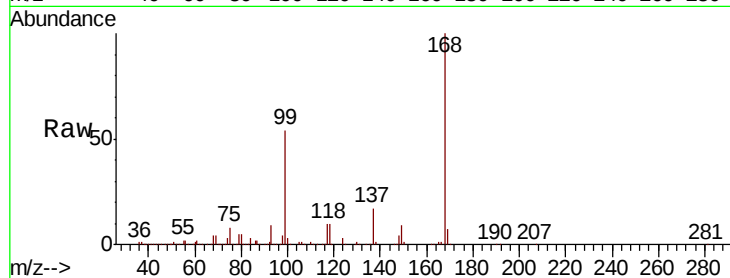
JTY-SB-04-5-7

Tgt Ion:168 Resp: 689344

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

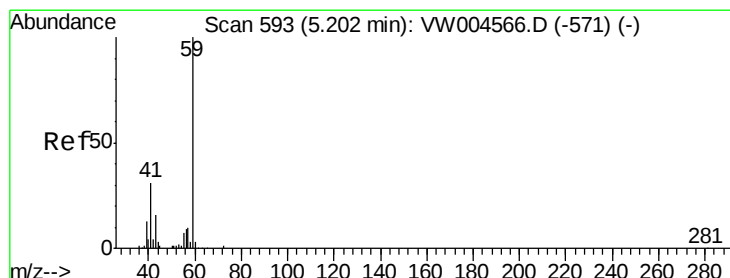
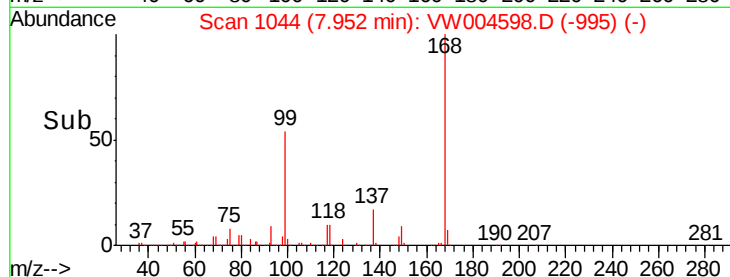
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 104.007 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004598.D

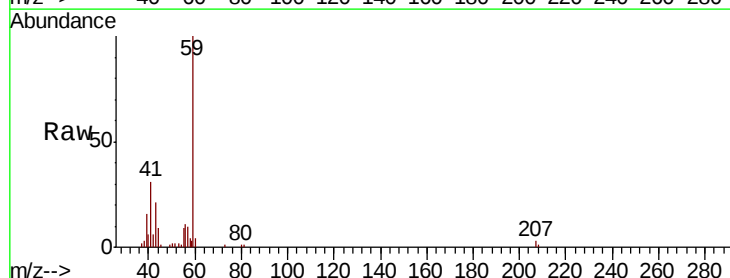
Acq: 10 Aug 2018 15:40

Tgt Ion: 59 Resp: 46470

Ion Ratio Lower Upper

59 100

57 4.7 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

12000

10000

8000

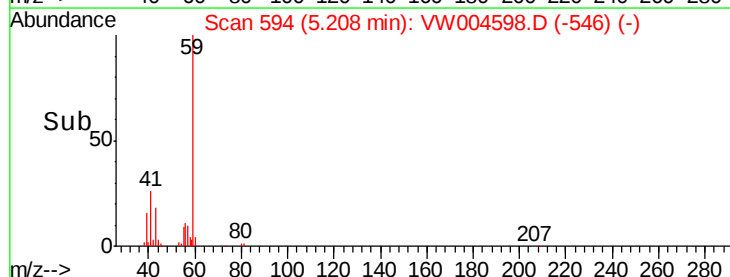
6000

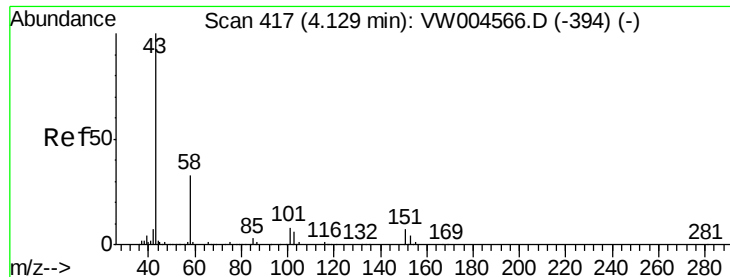
4000

2000

0

Time--> 5.00 5.10 5.20 5.30 5.40

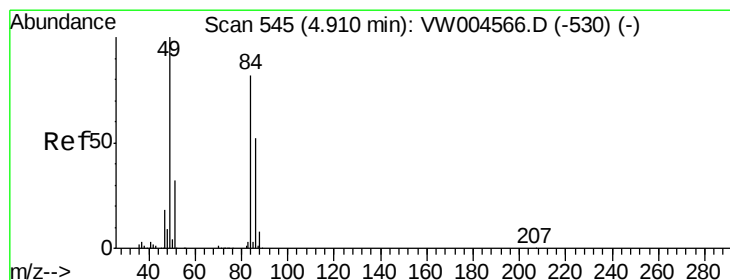
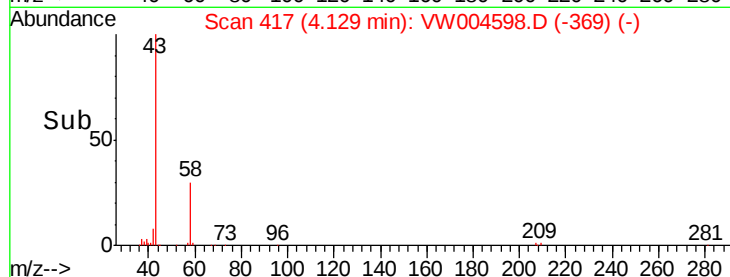
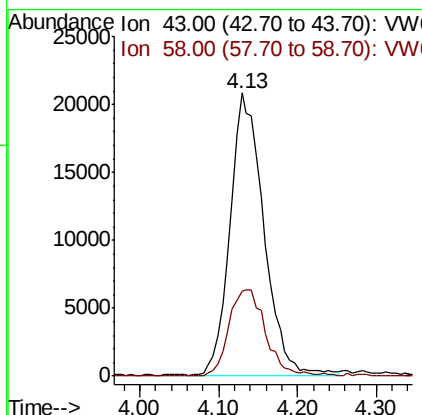
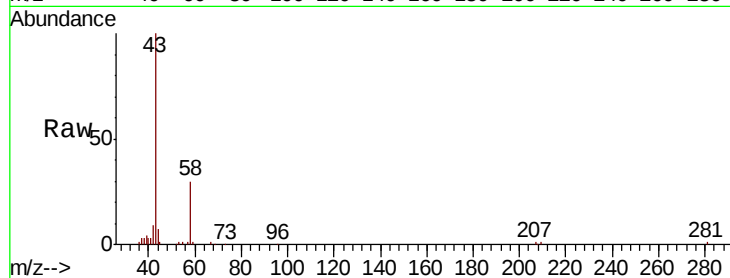




#16
Acetone
Concen: 32.343 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

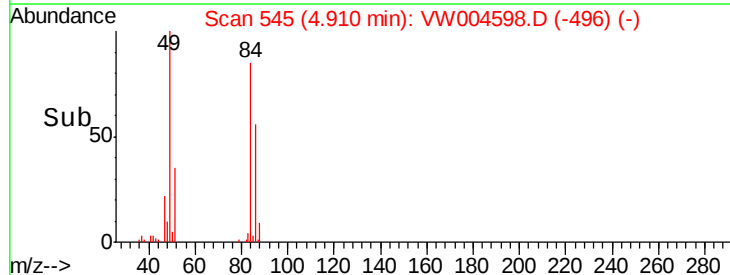
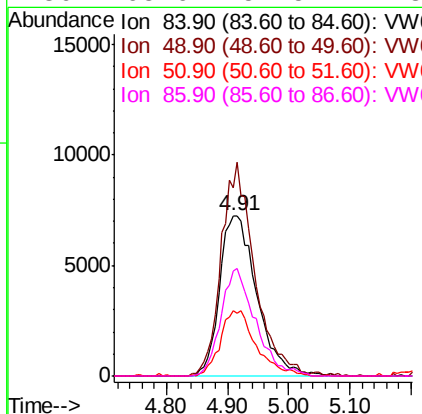
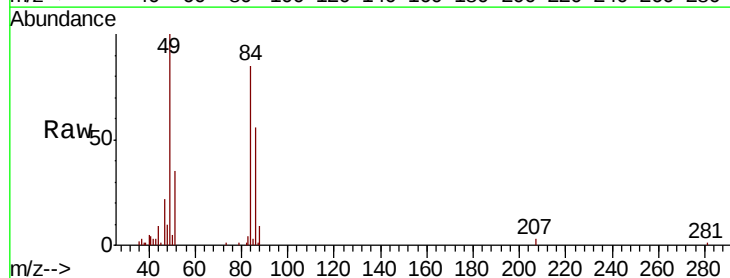
Instrument :
MSVOA_W
ClientSampleId :
JTY-SB-04-5-7

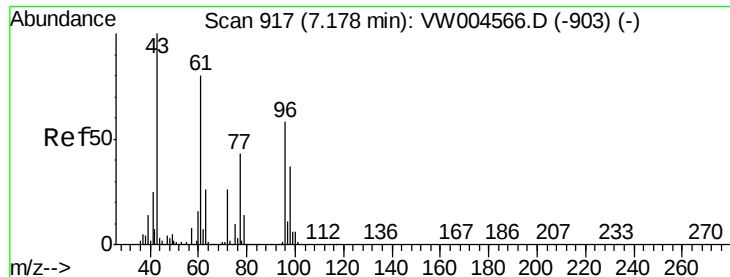
Tgt Ion: 43 Resp: 61636
Ion Ratio Lower Upper
43 100
58 29.9 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

Tgt Ion: 84 Resp: 30573
Ion Ratio Lower Upper
84 100
49 117.9 99.6 149.4
51 40.9 31.0 46.4
86 65.6 51.5 77.3





#25

2-Butanone

Concen: 4.371 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

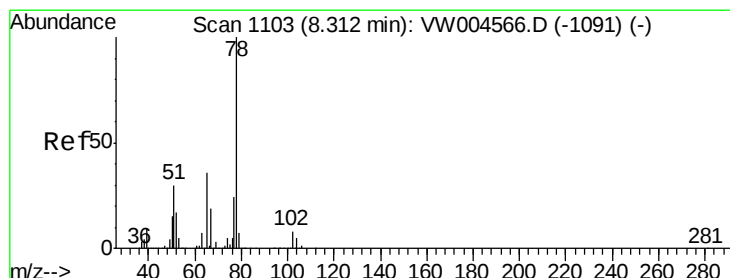
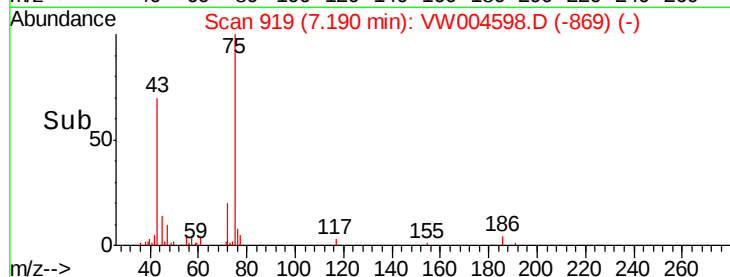
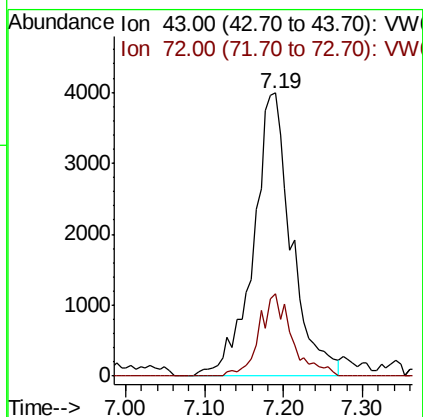
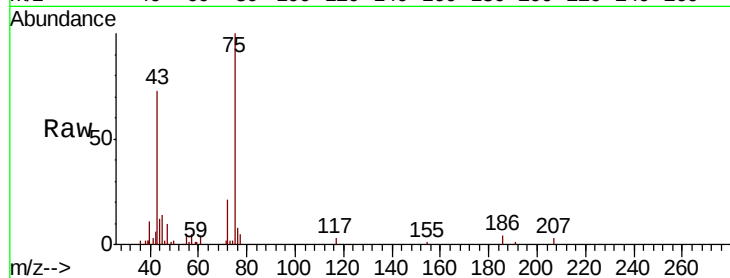
JTY-SB-04-5-7

Tgt Ion: 43 Resp: 13399

Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 48.230 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004598.D

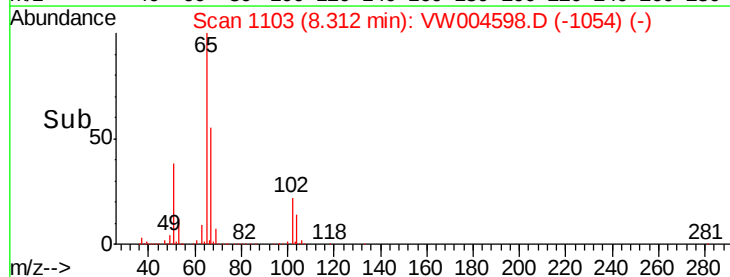
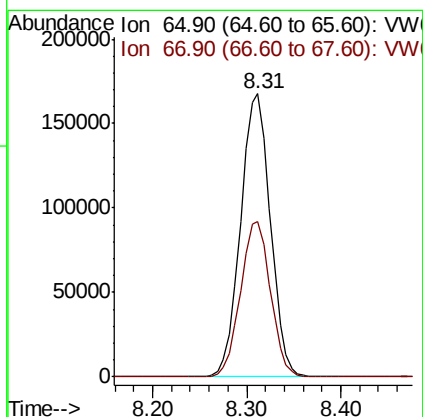
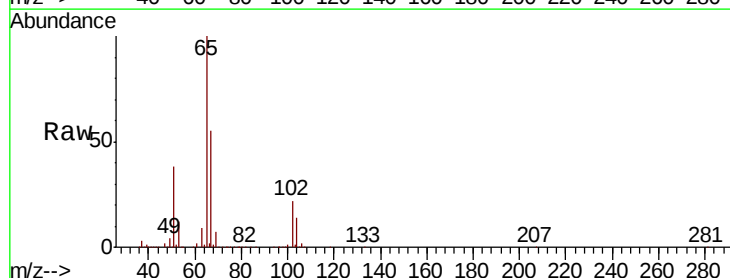
Acq: 10 Aug 2018 15:40

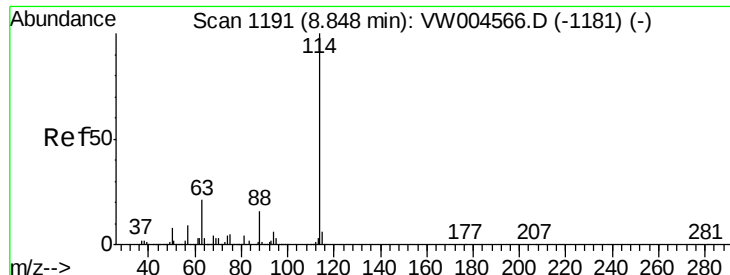
Tgt Ion: 65 Resp: 368033

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0

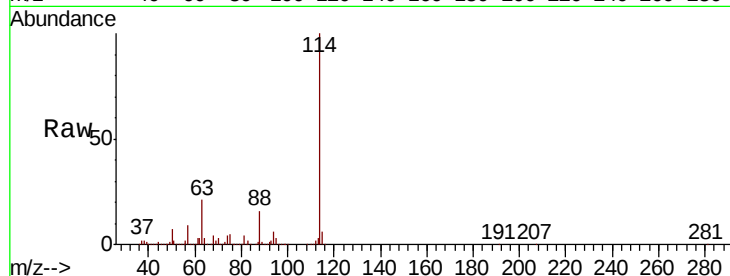




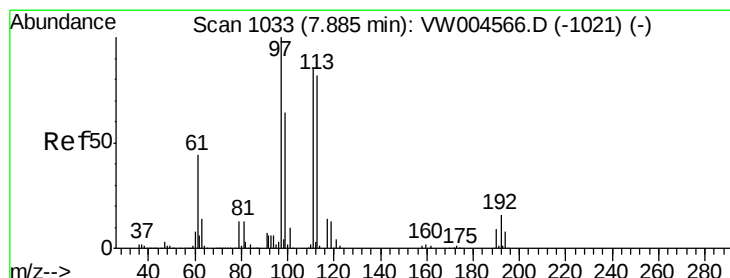
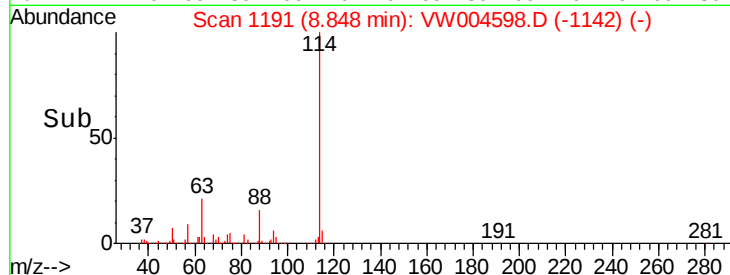
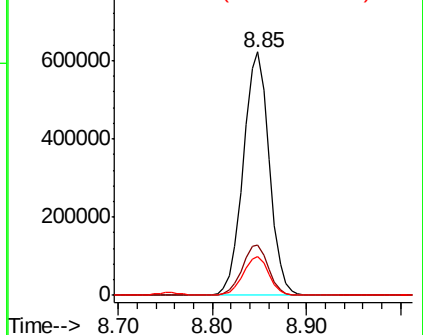
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004598.D
 Acq: 10 Aug 2018 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 JTY-SB-04-5-7

Tgt Ion:114 Resp: 1198899
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 16.0 0.0 31.2

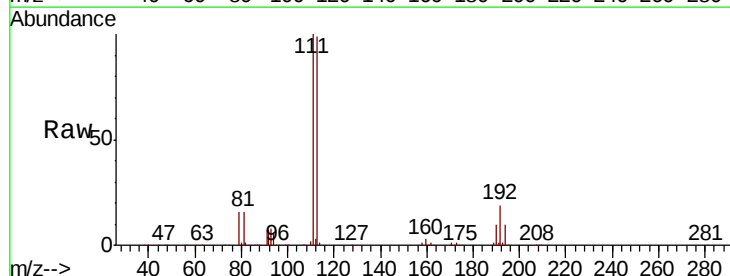


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

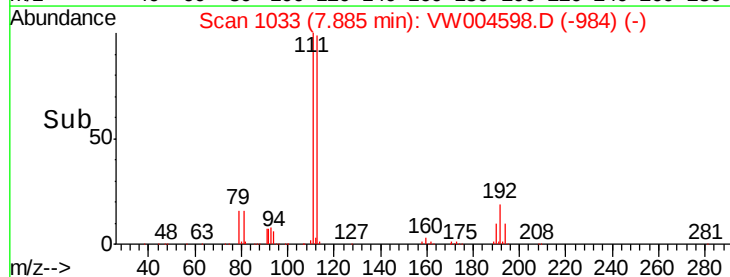
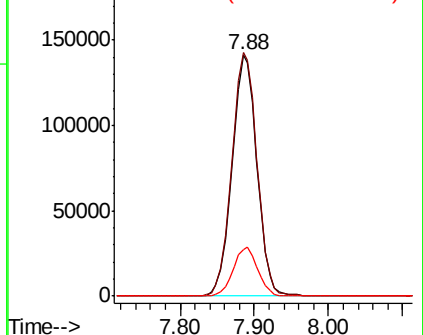


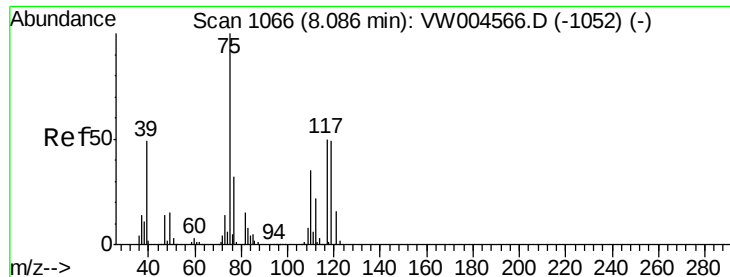
#35
 Dibromofluoromethane
 Concen: 41.195 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004598.D
 Acq: 10 Aug 2018 15:40

Tgt Ion:113 Resp: 329310
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 20.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

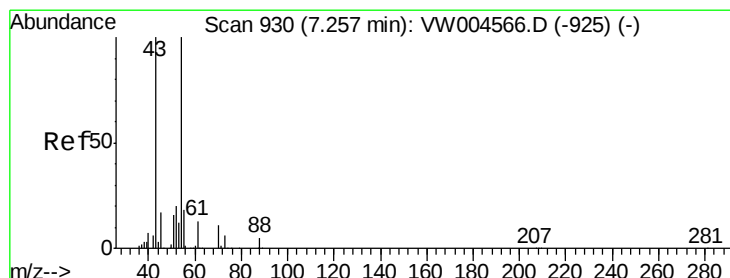
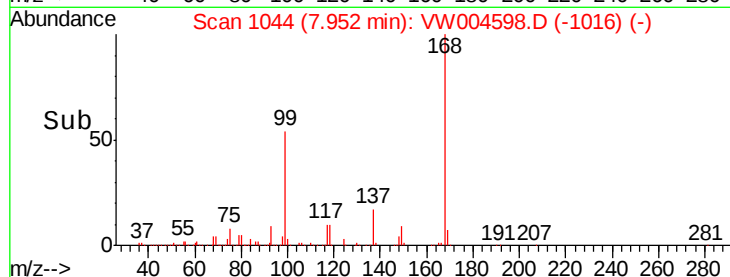
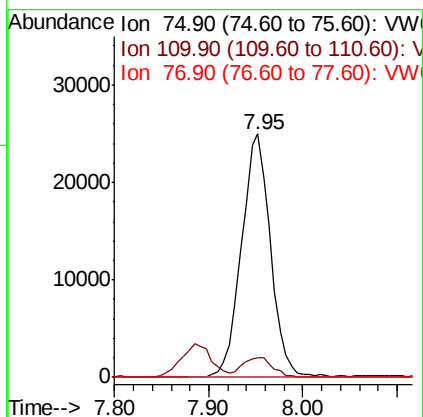
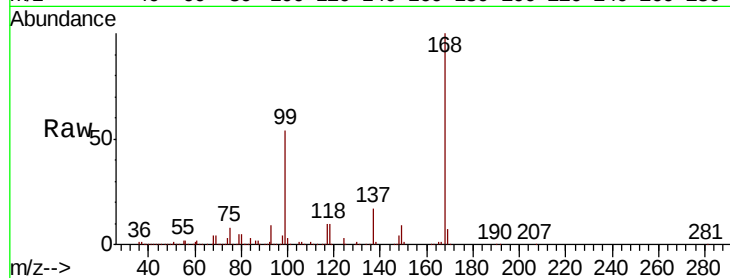




#36
 1,1-Dichloropropene
 Concen: 4.178 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004598.D
 Acq: 10 Aug 2018 15:40

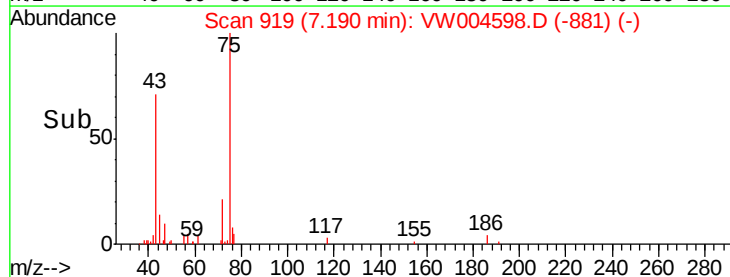
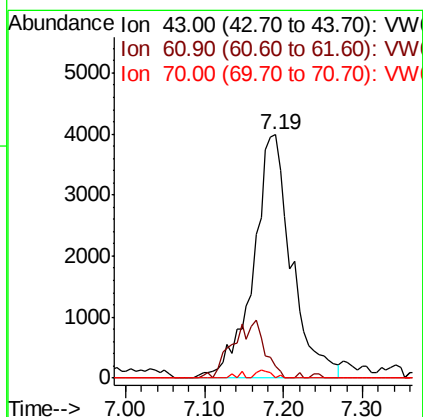
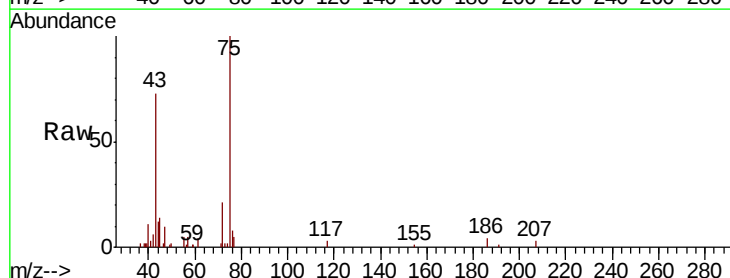
Instrument :
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 JTY-SB-04-5-7

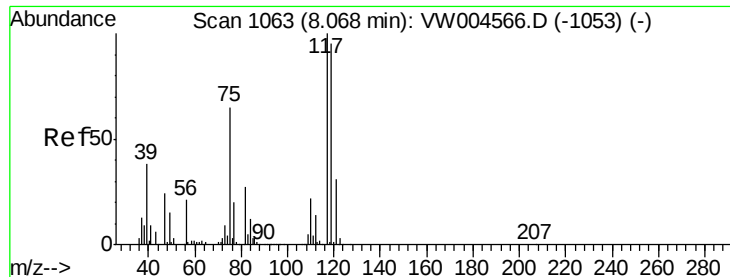
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.4	52.2#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 2.216 ug/l
 RT: 7.19 min Scan# 919
 Delta R.T. -0.07 min
 Lab File: VW004598.D
 Acq: 10 Aug 2018 15:40

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





#38

Carbon Tetrachloride

Concen: 5.743 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

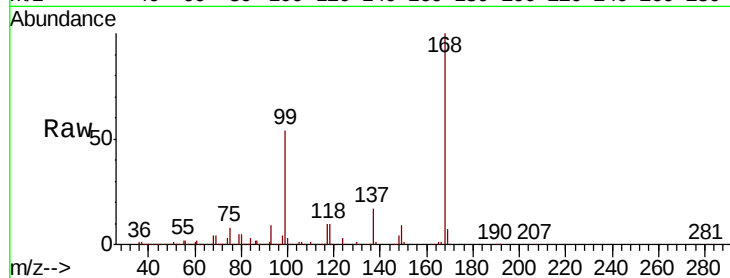
Tgt Ion:117 Resp: 66713

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

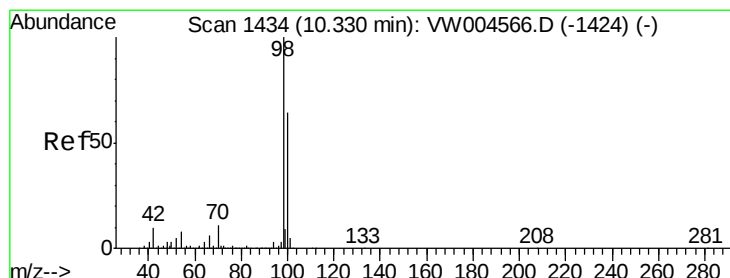
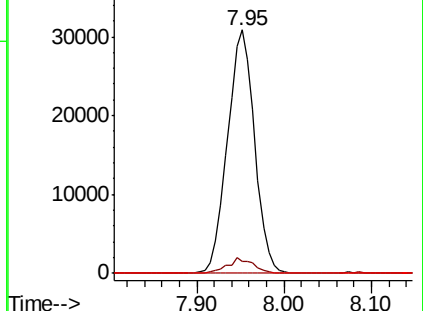
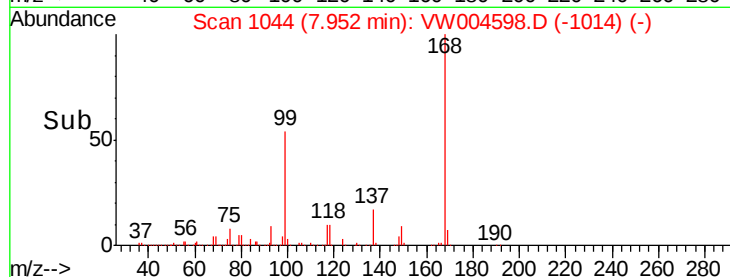
121 0.0 24.2 36.4#



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: 35.747 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004598.D

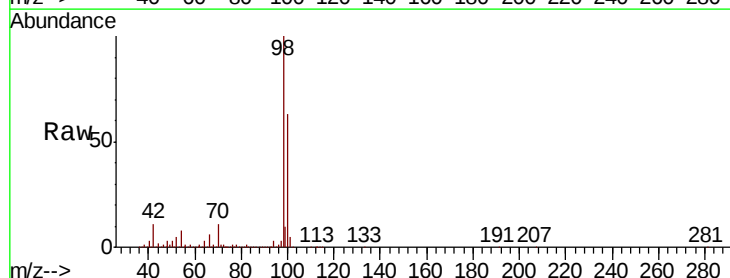
Acq: 10 Aug 2018 15:40

Tgt Ion: 98 Resp: 1089402

Ion Ratio Lower Upper

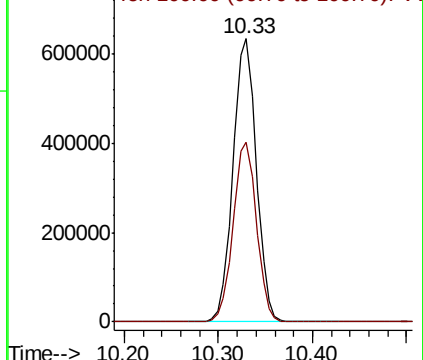
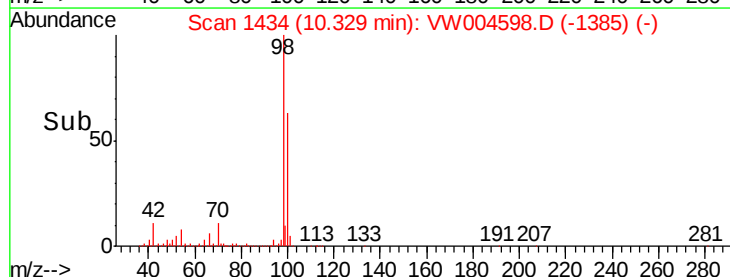
98 100

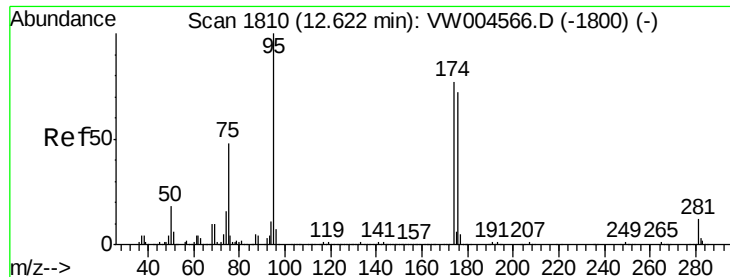
100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

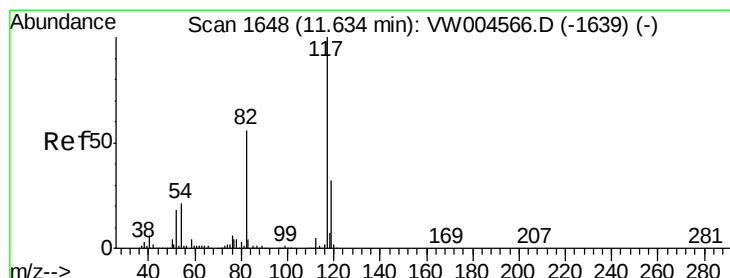
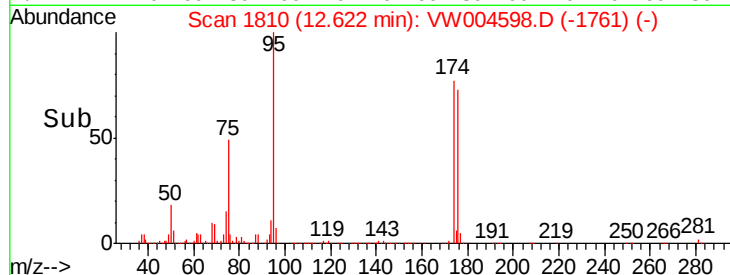
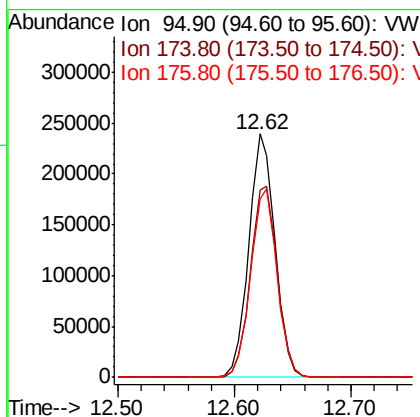
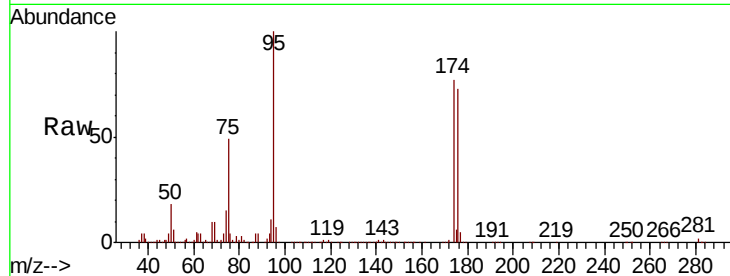




#62
4-Bromofluorobenzene
Concen: 34.088 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

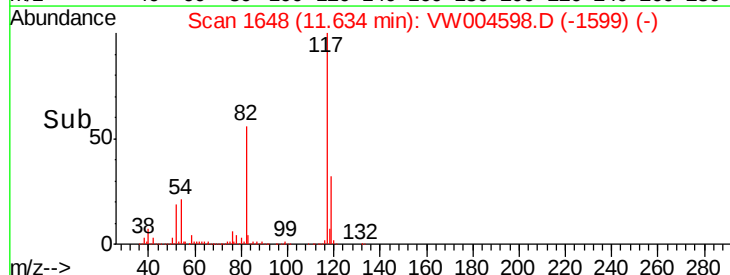
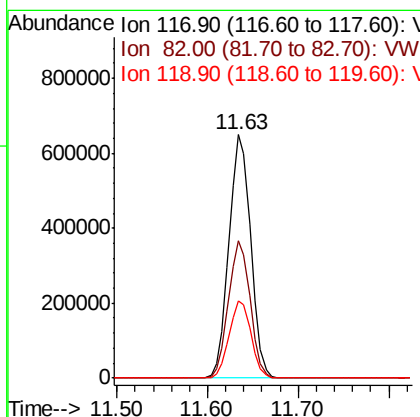
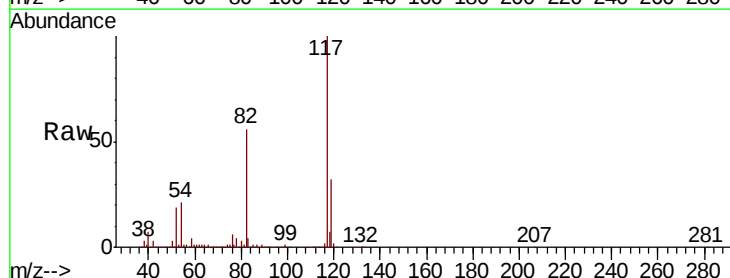
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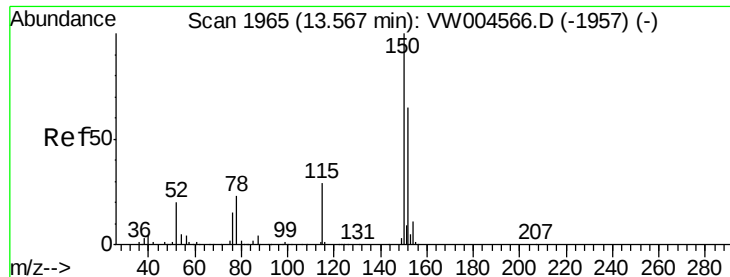
Tgt Ion: 95 Resp: 374212
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.4
176 78.1 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004598.D
Acq: 10 Aug 2018 15:40

Tgt Ion: 117 Resp: 1079097
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 32.0 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: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

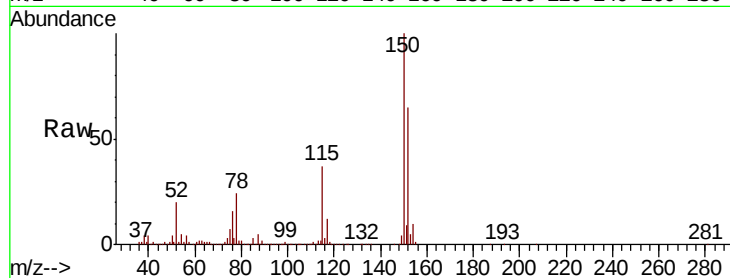
Tgt Ion:152 Resp: 518623

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

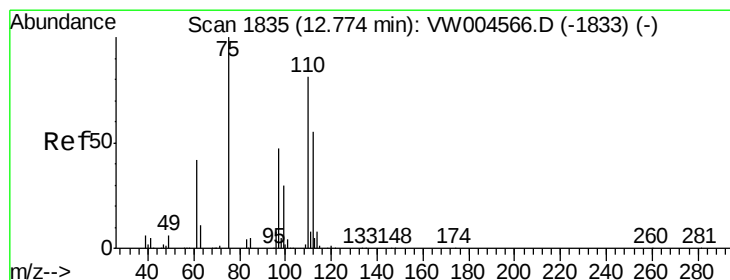
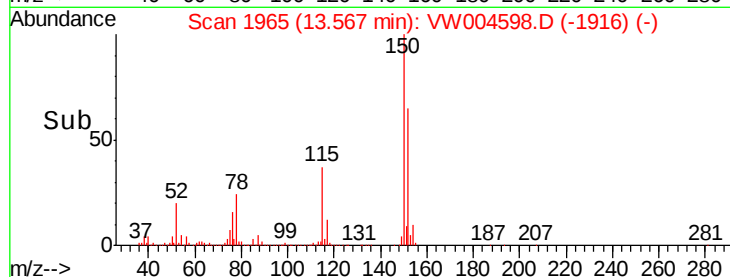
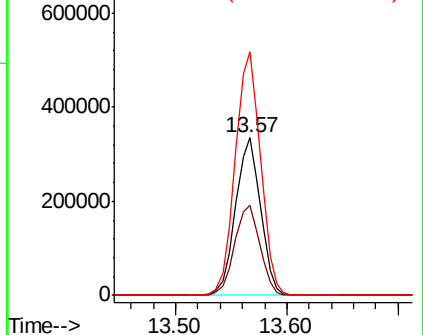
150 156.9 0.0 349.6



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



#76

1,2,3-Trichloropropane

Concen: 33.956 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004598.D

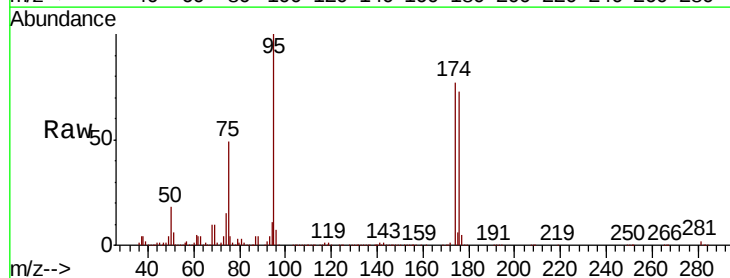
Acq: 10 Aug 2018 15:40

Tgt Ion: 75 Resp: 182230

Ion Ratio Lower Upper

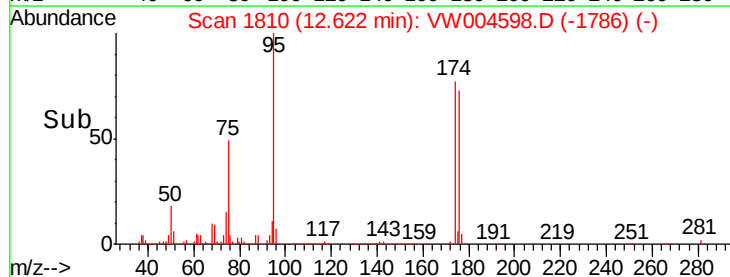
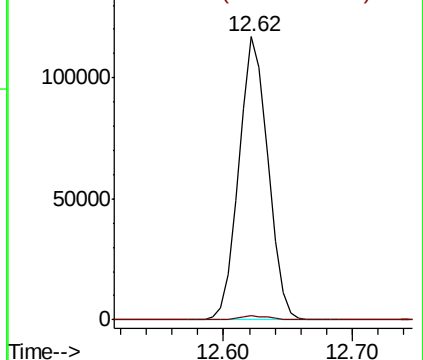
75 100

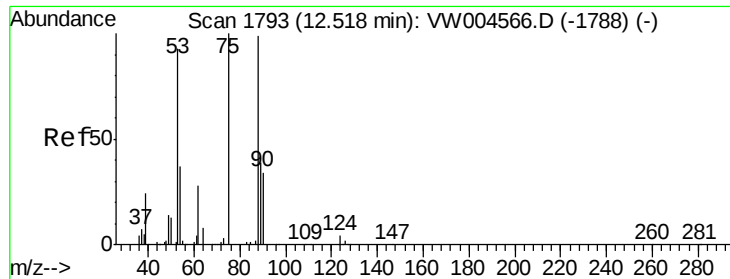
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 81.287 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

JTY-SB-04-5-7

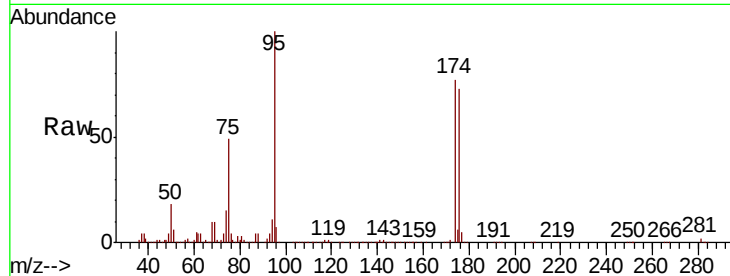
Tgt Ion: 75 Resp: 182230

Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

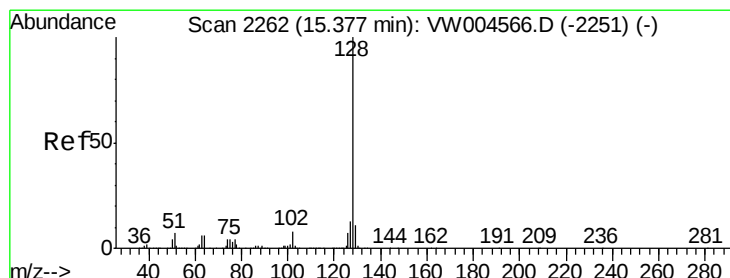
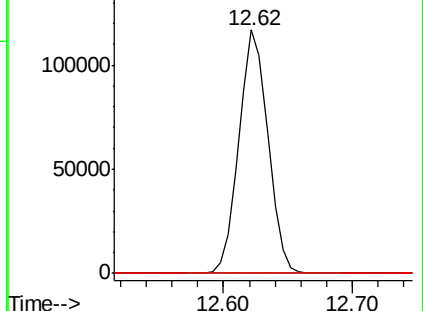
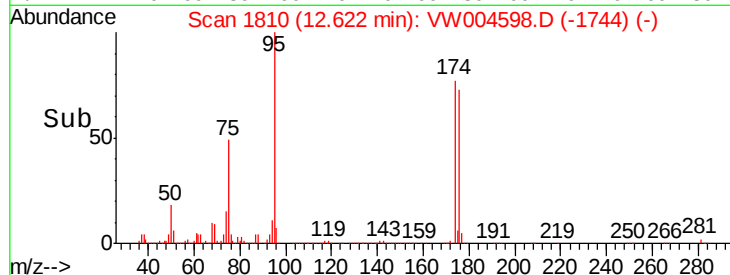
89 0.0 35.9 53.9#



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: 2.958 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004598.D

Acq: 10 Aug 2018 15:40

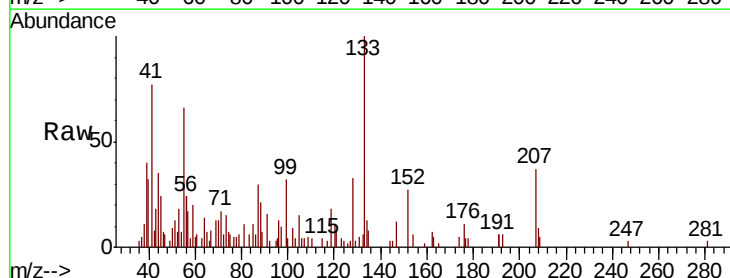
Tgt Ion: 128 Resp: 1052

Ion Ratio Lower Upper

128 100

127 0.0 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

