

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006584.D
 Acq On : 02 Nov 2018 03:44
 Operator : SY/AP
 Sample : J5202-15RE
 Misc : 5.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-03-103018-BRE

Quant Time: Nov 02 07:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

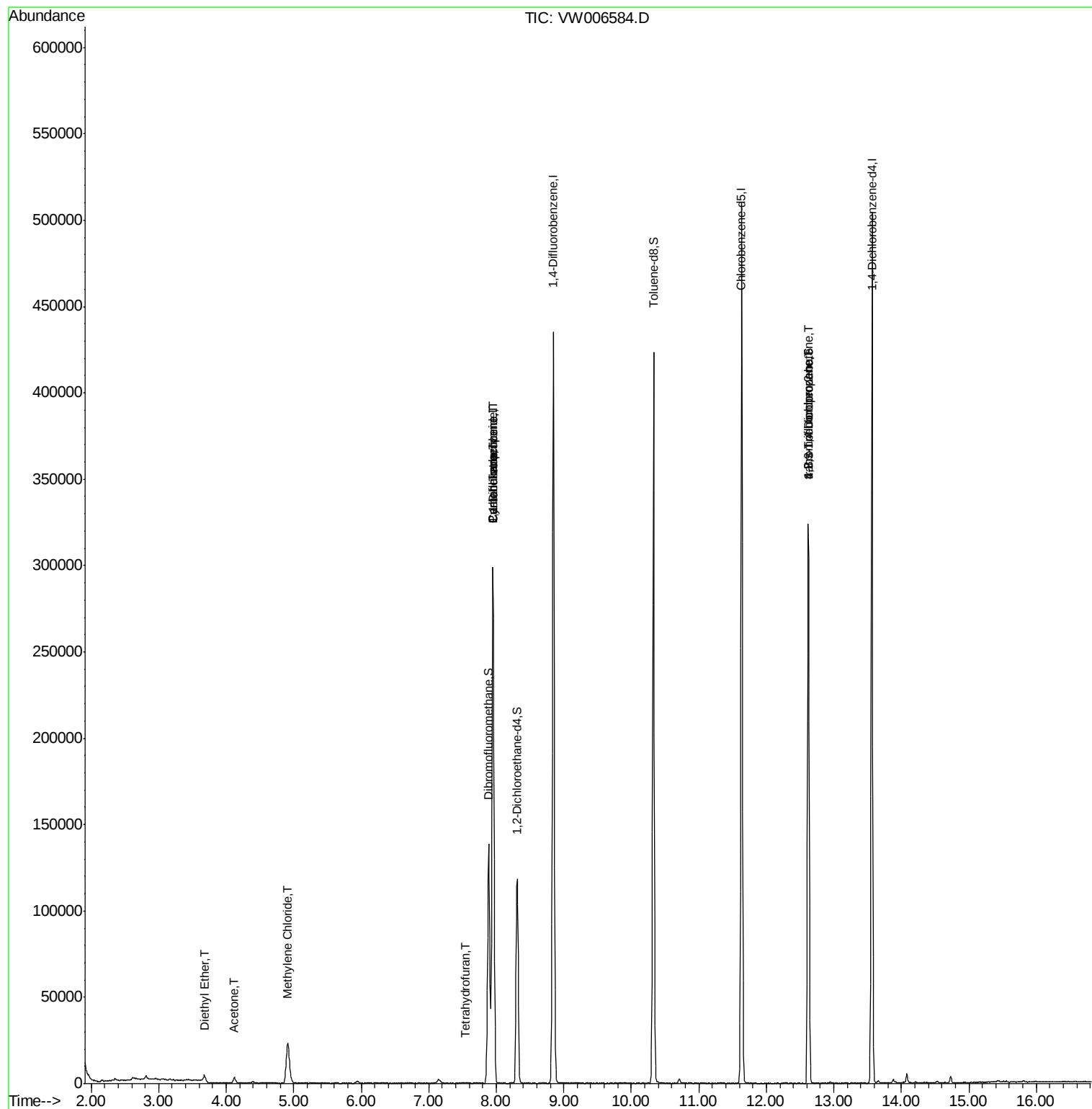
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	382379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95334	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
35) Dibromofluoromethane	7.89	113	97757	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	
50) Toluene-d8	10.33	98	286106	31.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.64%	
62) 4-Bromofluorobenzene	12.62	95	98659	29.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.58%	
Target Compounds						
8) Diethyl Ether	3.68	74	2439	2.317	ug/l	93
16) Acetone	4.12	43	5437	16.091	ug/l	93
20) Methylene Chloride	4.92	84	20532	3.865	ug/l	96
29) Tetrahydrofuran	7.54	42	367	1.210	ug/l #	60
31) Cyclohexane	7.95	56	3964	1.189	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	15411	4.583	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21131	6.014	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	49518	44.061	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49518	110.694	ug/l #	11

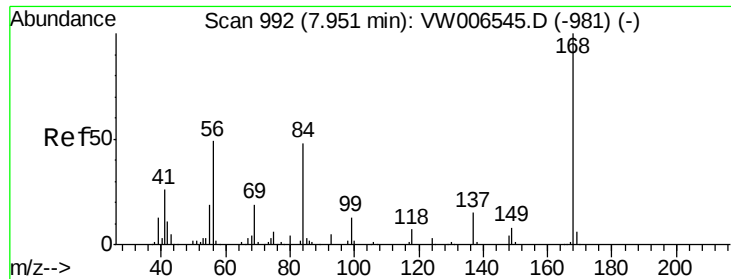
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006584.D

Acq: 02 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

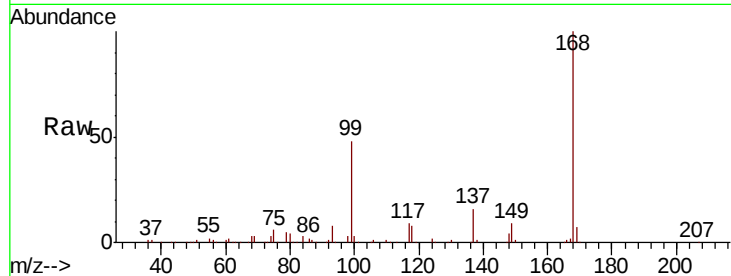
PL-03-103018-BRE

Tgt Ion:168 Resp: 243463

Ion Ratio Lower Upper

168 100

99 48.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

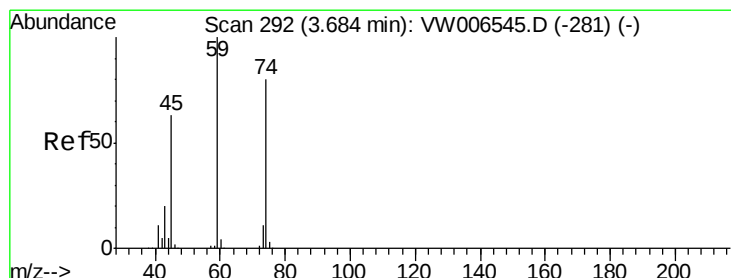
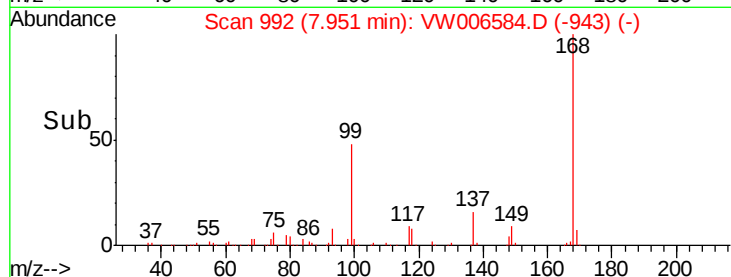
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.317 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006584.D

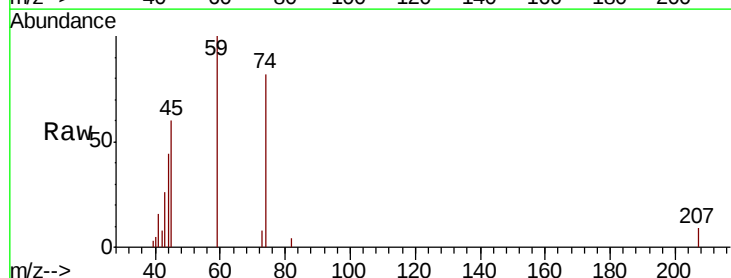
Acq: 02 Nov 2018 03:44

Tgt Ion: 74 Resp: 2439

Ion Ratio Lower Upper

74 100

45 88.4 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

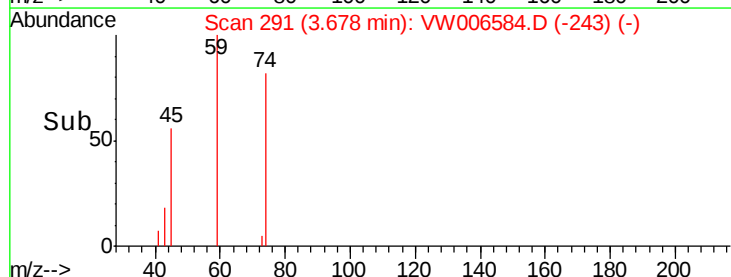
3.68

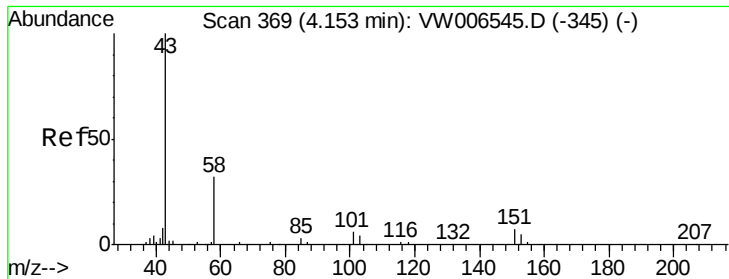
1000

500

0

Time-->

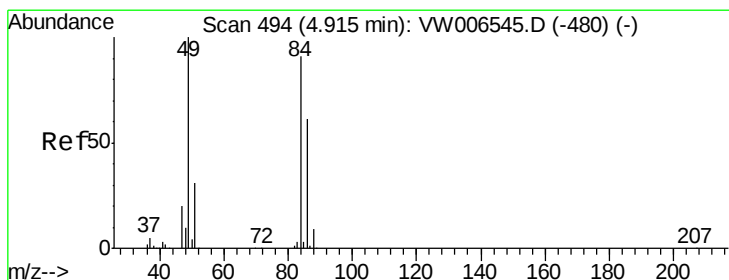
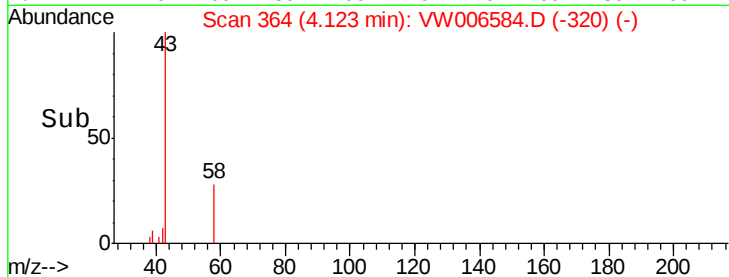
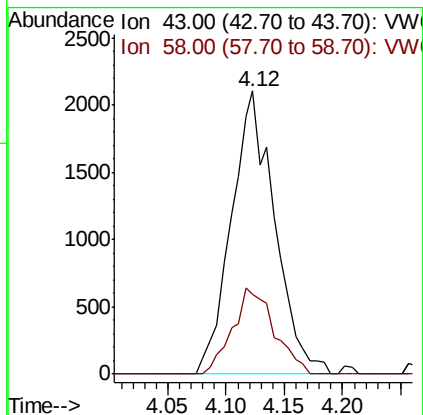
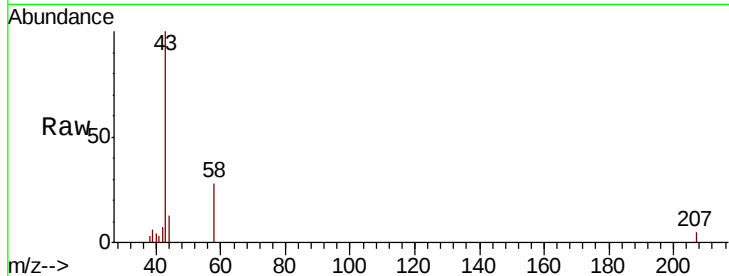




#16
Acetone
Concen: 16.091 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

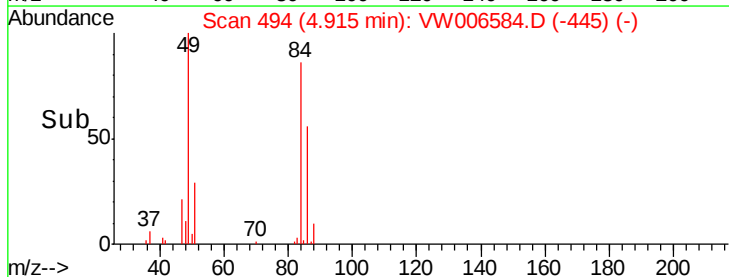
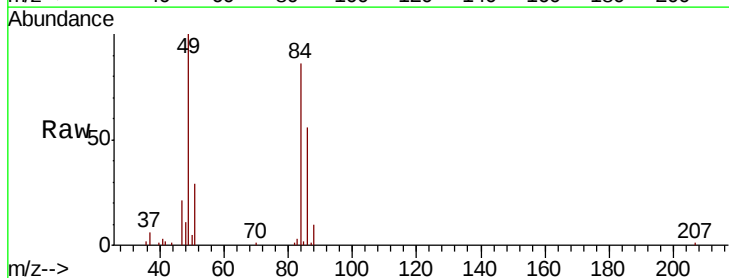
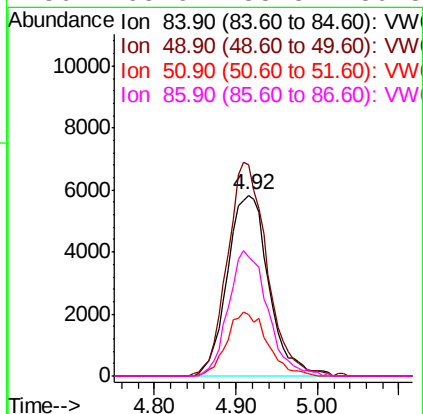
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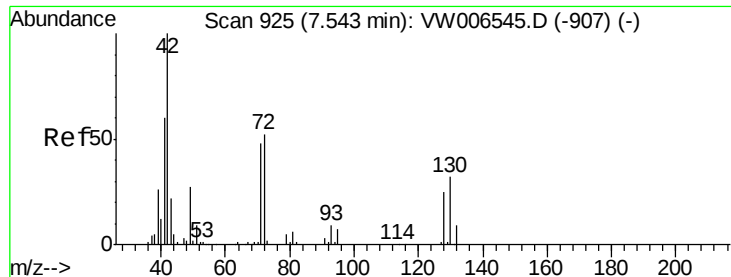
Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
58 28.4 25.8 38.8



#20
Methylene Chloride
Concen: 3.865 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

Tgt Ion: 84 Resp: 20532
Ion Ratio Lower Upper
84 100
49 116.6 88.2 132.4
51 33.7 27.0 40.6
86 65.6 53.8 80.8

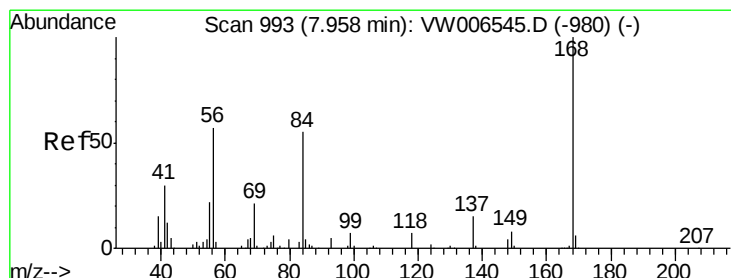
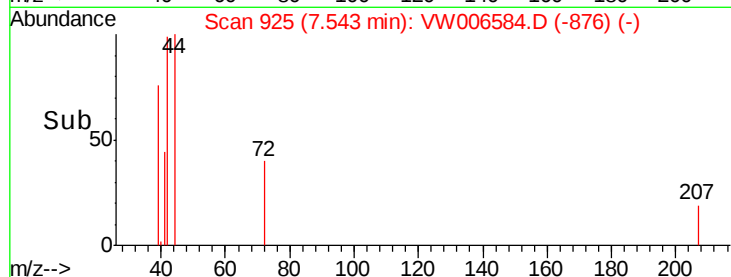
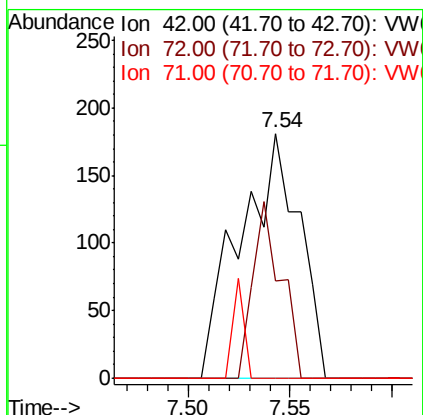
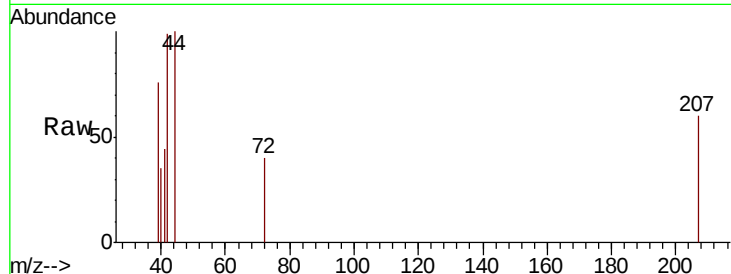




#29
Tetrahydrofuran
Concen: 1.210 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

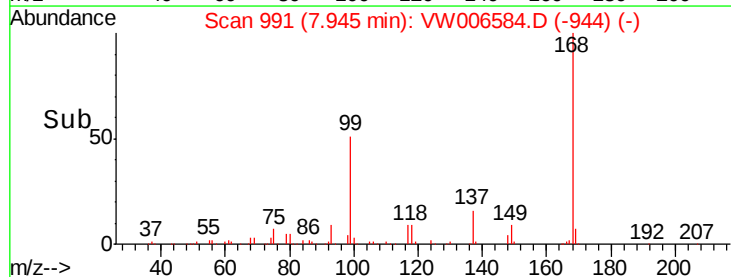
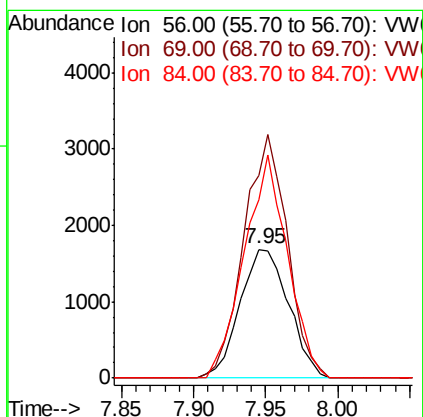
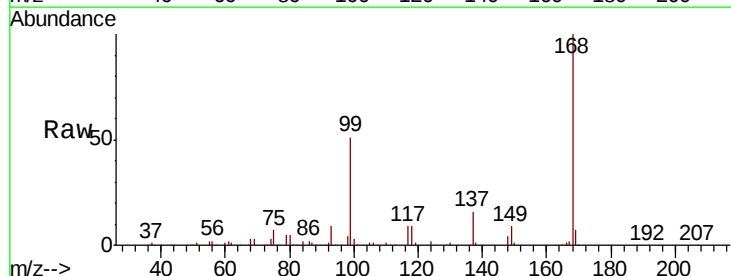
Instrument :
MSVOA_W
ClientSampleId :
PL-03-103018-BRE

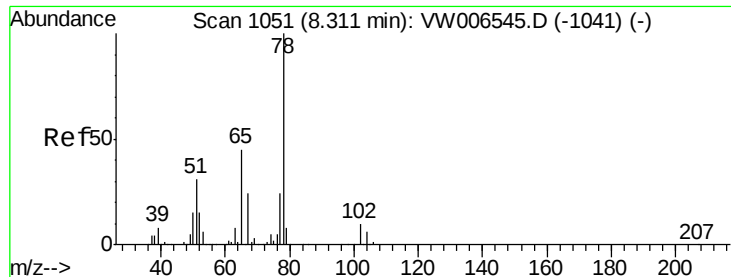
Tgt Ion: 42 Resp: 367
Ion Ratio Lower Upper
42 100
72 34.1 39.2 58.8#
71 7.4 37.6 56.4#



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

Tgt Ion: 56 Resp: 3964
Ion Ratio Lower Upper
56 100
69 157.2 29.0 43.4#
84 138.0 77.8 116.6#

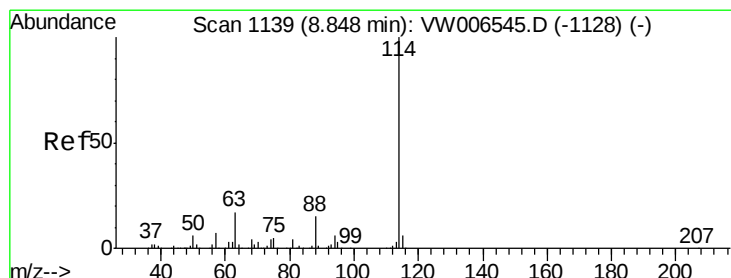
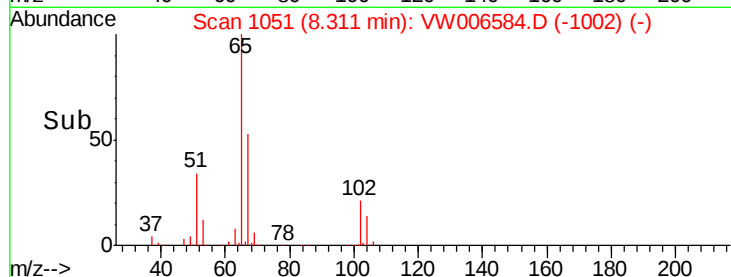
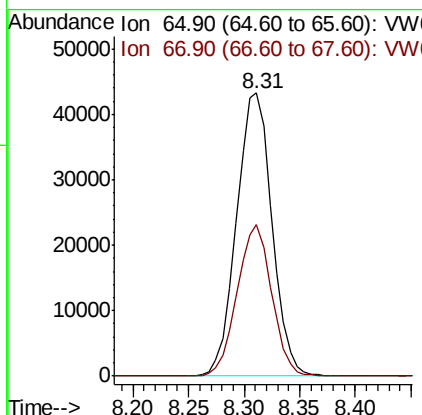
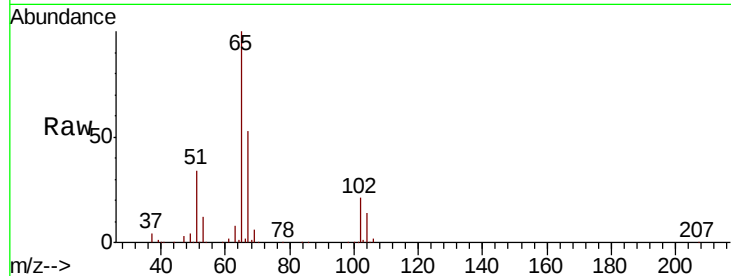




#33
 1,2-Dichloroethane-d4
 Concen: 45.553 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006584.D
 Acq: 02 Nov 2018 03:44

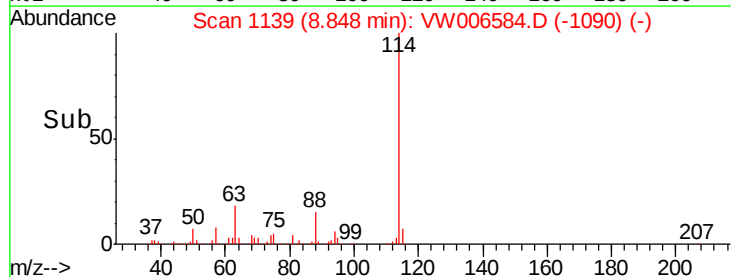
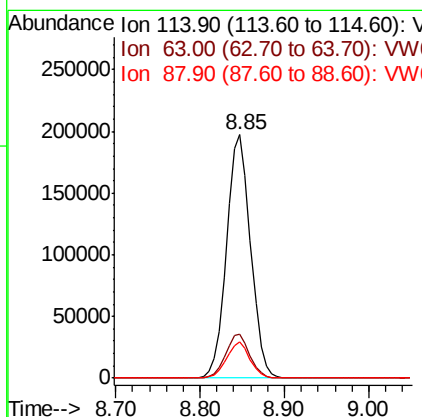
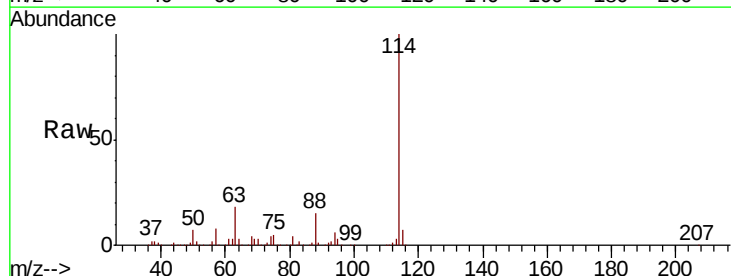
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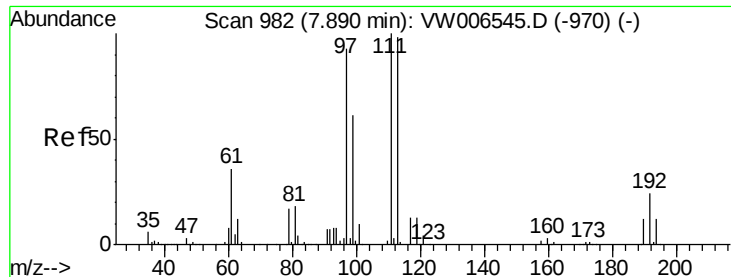
Tgt Ion: 65 Resp: 95334
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006584.D
 Acq: 02 Nov 2018 03:44

Tgt Ion: 114 Resp: 382379
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.4
 88 14.9 0.0 29.0

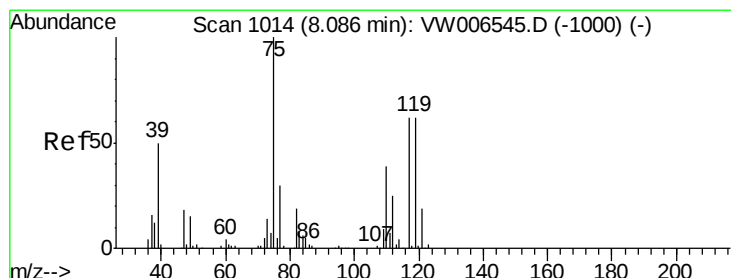
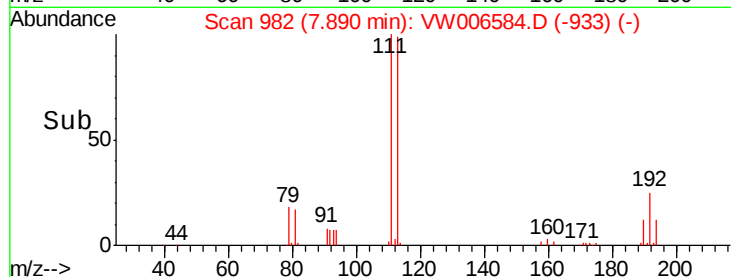
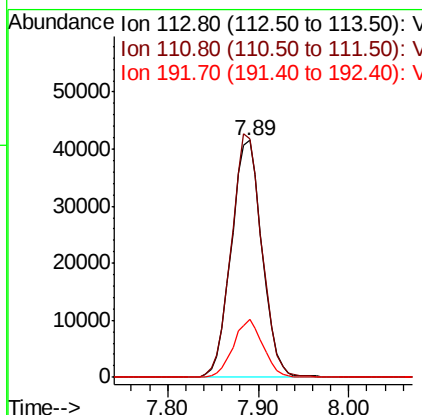
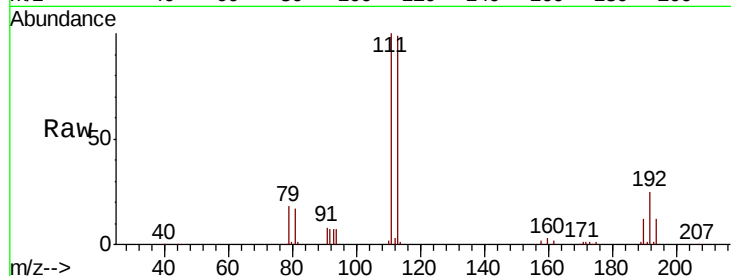




#35
 Dibromofluoromethane
 Concen: 40.737 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006584.D
 Acq: 02 Nov 2018 03:44

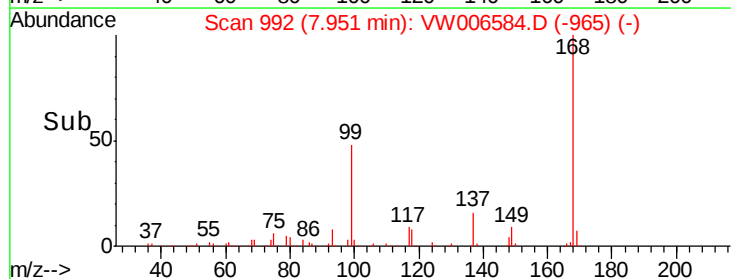
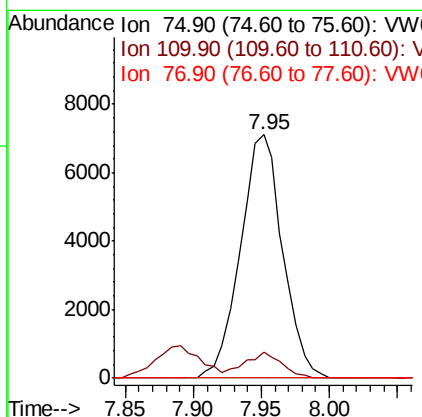
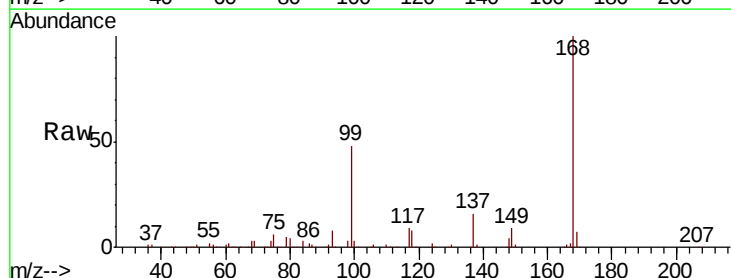
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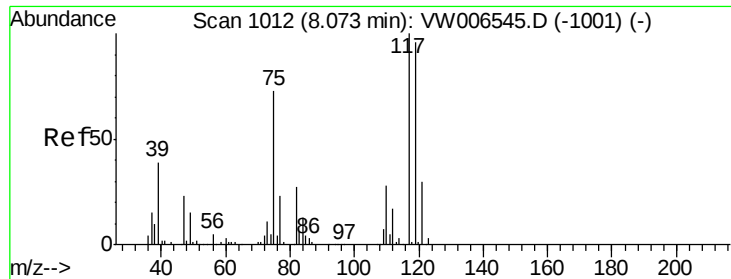
Tgt Ion:113 Resp: 97757
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 23.5 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006584.D
 Acq: 02 Nov 2018 03:44

Tgt Ion: 75 Resp: 15411
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 24.6 37.0#

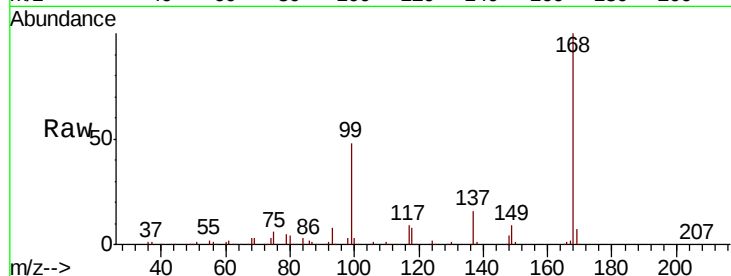




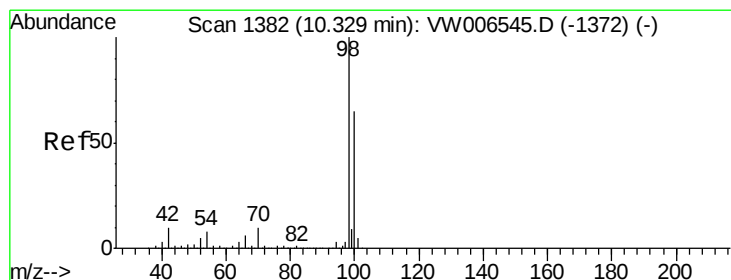
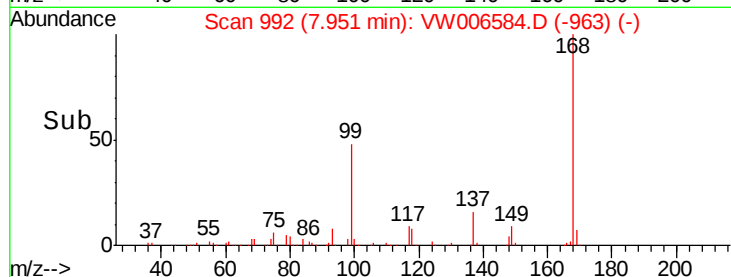
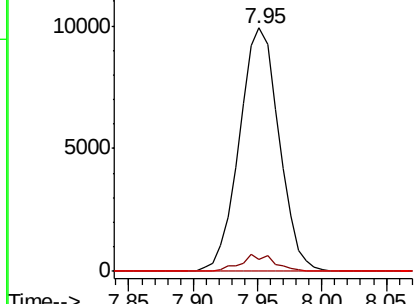
#38
Carbon Tetrachloride
Concen: 6.014 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 21131
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 24.1 36.1#

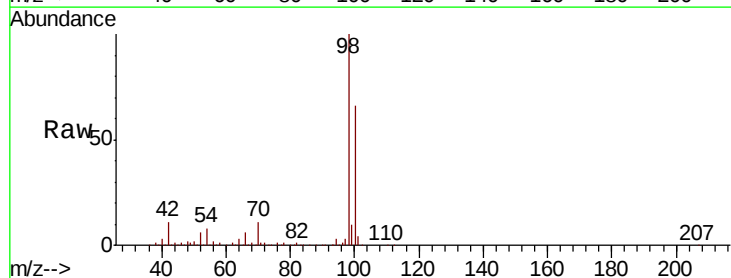


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

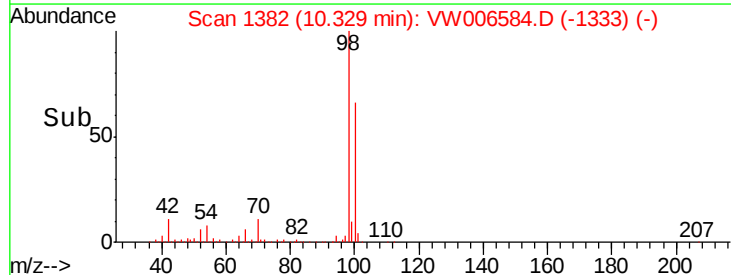
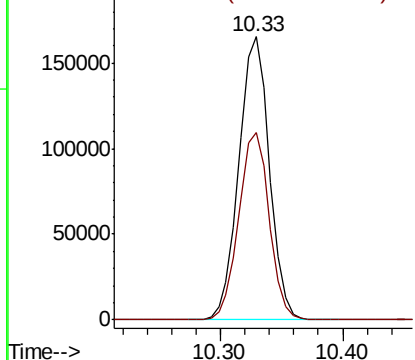


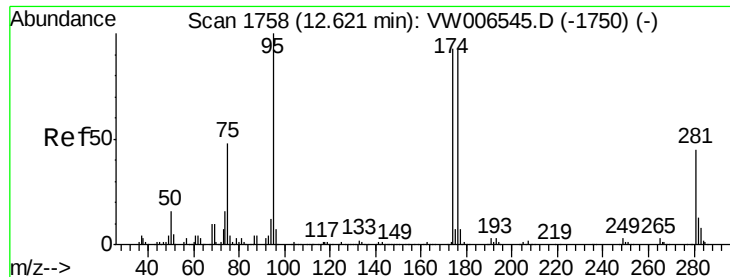
#50
Toluene-d8
Concen: 31.319 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

Tgt Ion: 98 Resp: 286106
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

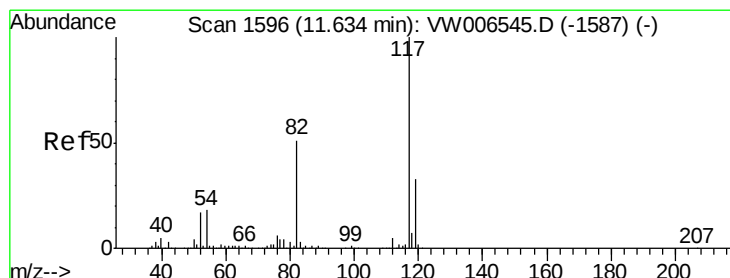
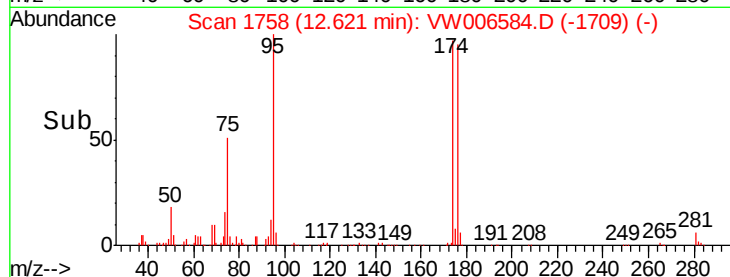
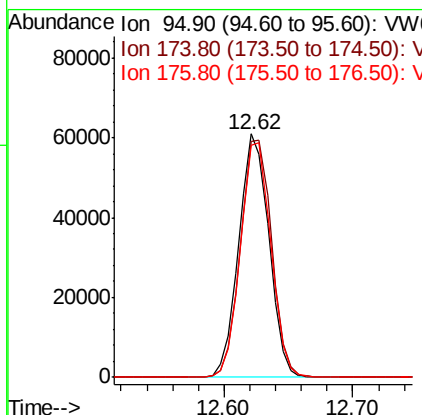
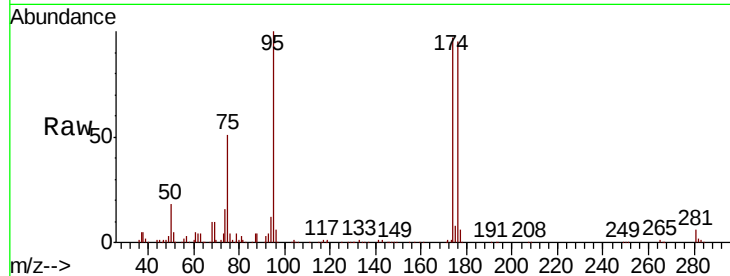




#62
4-Bromofluorobenzene
Concen: 29.789 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

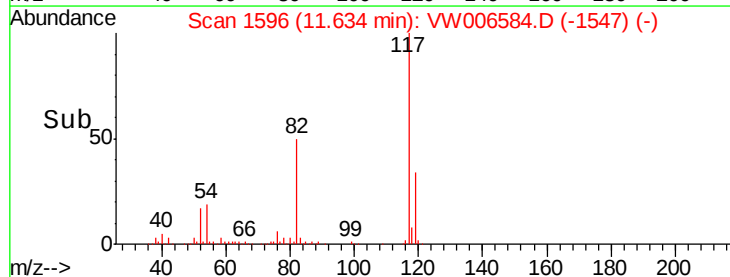
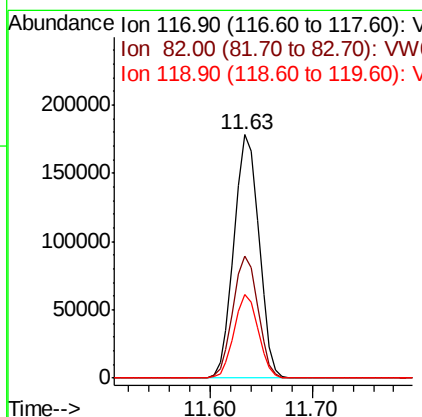
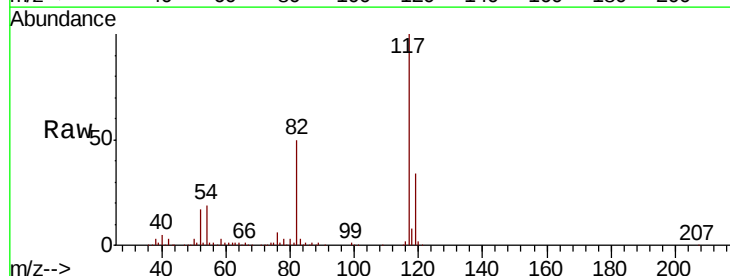
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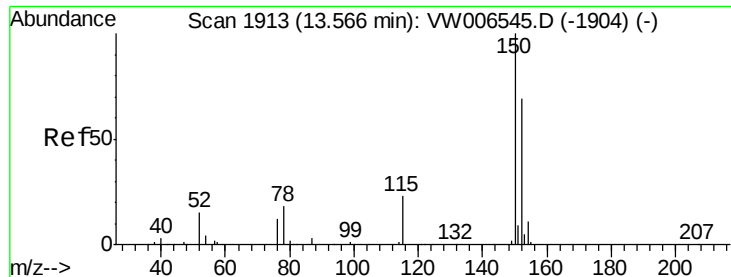
Tgt Ion: 95 Resp: 98659
Ion Ratio Lower Upper
95 100
174 100.8 0.0 192.4
176 97.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006584.D
Acq: 02 Nov 2018 03:44

Tgt Ion: 117 Resp: 302734
Ion Ratio Lower Upper
117 100
82 50.2 40.8 61.2
119 34.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006584.D

Acq: 02 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

PL-03-103018-BRE

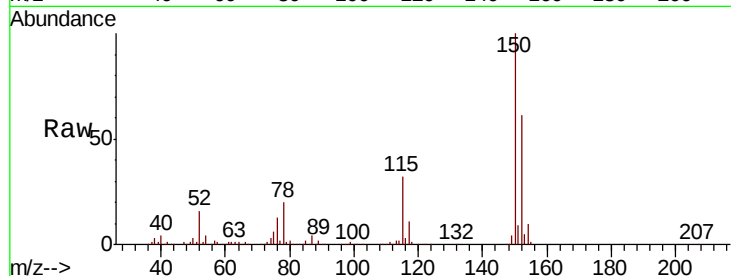
Tgt Ion:152 Resp: 144042

Ion Ratio Lower Upper

152 100

115 52.7 26.6 79.8

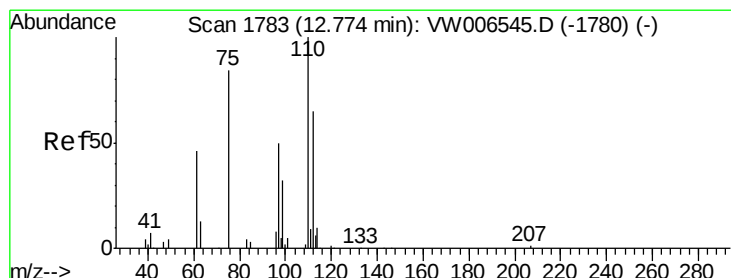
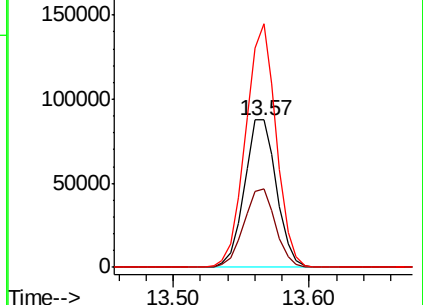
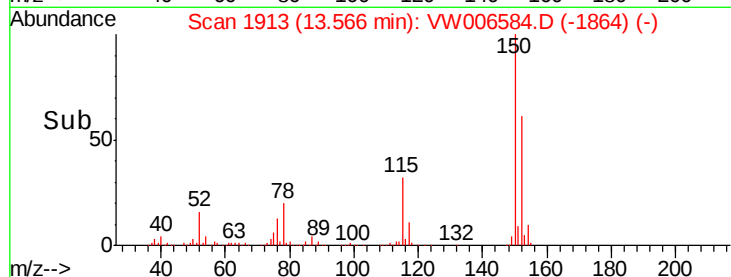
150 157.7 0.0 344.6



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: 44.061 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006584.D

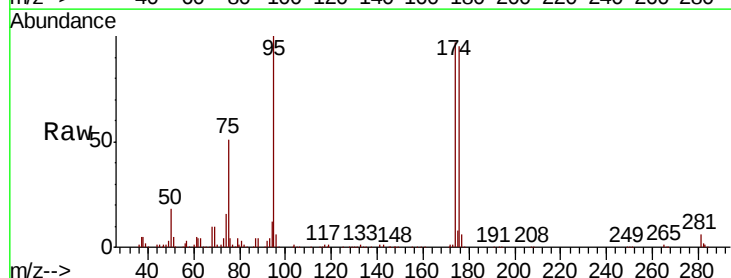
Acq: 02 Nov 2018 03:44

Tgt Ion: 75 Resp: 49518

Ion Ratio Lower Upper

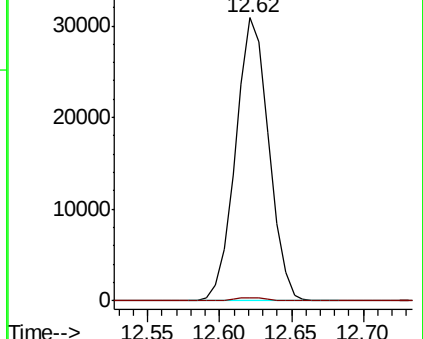
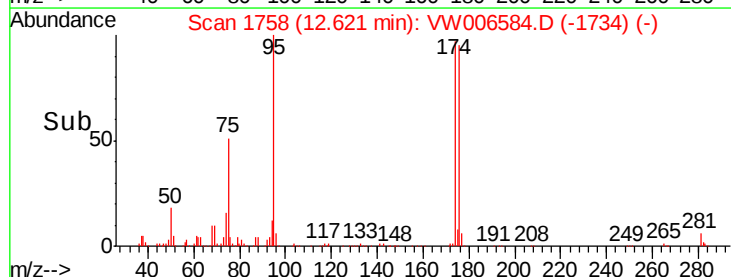
75 100

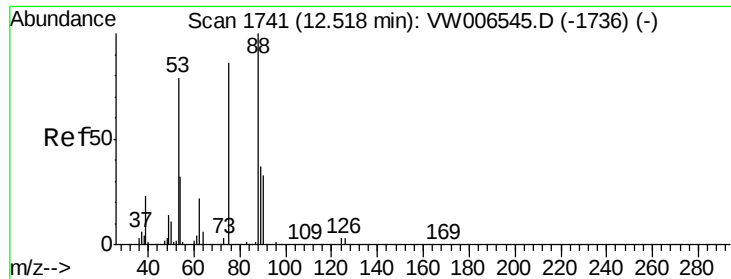
77 1.2 0.0 0.0#



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: 110.694 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006584.D

Acq: 02 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

PL-03-103018-BRE

Tgt Ion: 75 Resp: 49518

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

