

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006580.D
 Acq On : 02 Nov 2018 02:01
 Operator : SY/AP
 Sample : J5202-07RE
 Misc : 5.53G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-103018-ARE

Quant Time: Nov 02 07:59:04 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

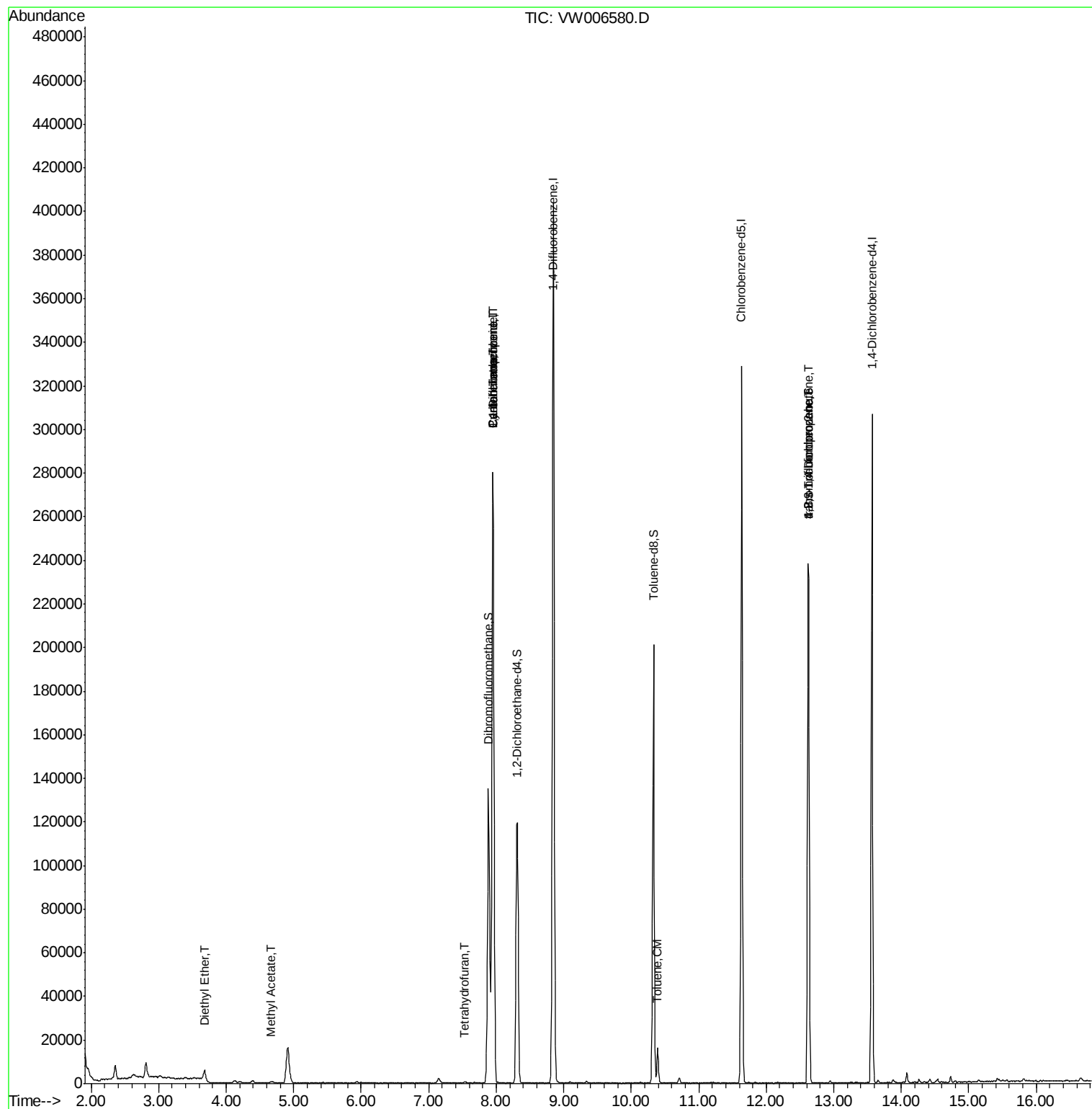
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97382	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	96619	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	
50) Toluene-d8	10.33	98	138133	15.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.90%	
62) 4-Bromofluorobenzene	12.62	95	74735	23.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.60%	
Target Compounds						
8) Diethyl Ether	3.68	74	3140	3.138	ug/l	91
18) Methyl Acetate	4.67	43	1293	1.400	ug/l #	89
29) Tetrahydrofuran	7.54	42	505	1.752	ug/l #	52
31) Cyclohexane	7.95	56	3914	1.235	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14478	4.542	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20167	6.055	ug/l #	16
52) Toluene	10.39	92	6720	1.107	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	37580	55.539	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	37580	138.838	ug/l #	11

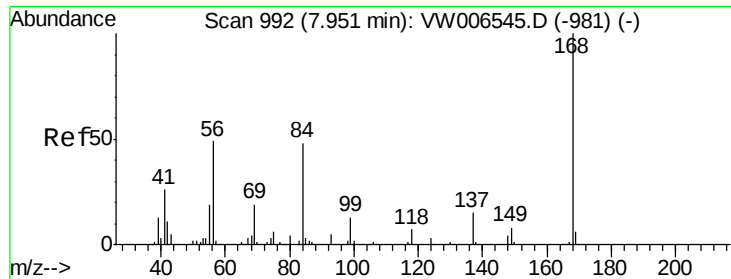
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006580.D

Acq: 02 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

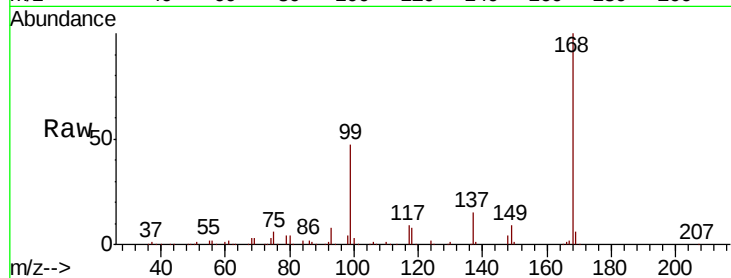
PL-02-103018-ARE

Tgt Ion:168 Resp: 231431

Ion Ratio Lower Upper

168 100

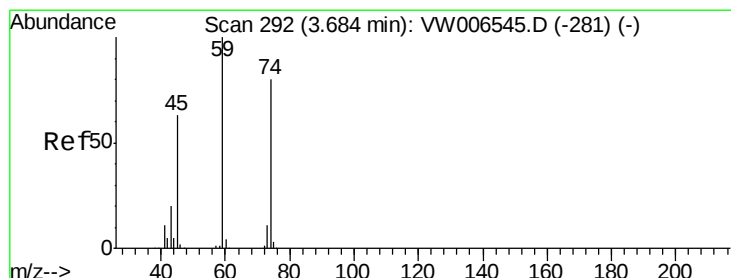
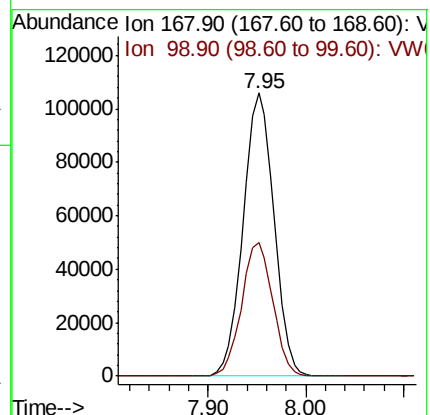
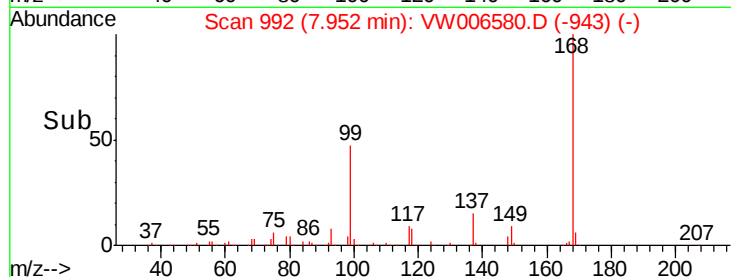
99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#8

Diethyl Ether

Concen: 3.138 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006580.D

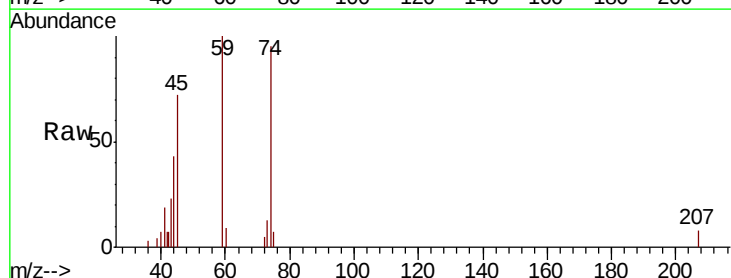
Acq: 02 Nov 2018 02:01

Tgt Ion: 74 Resp: 3140

Ion Ratio Lower Upper

74 100

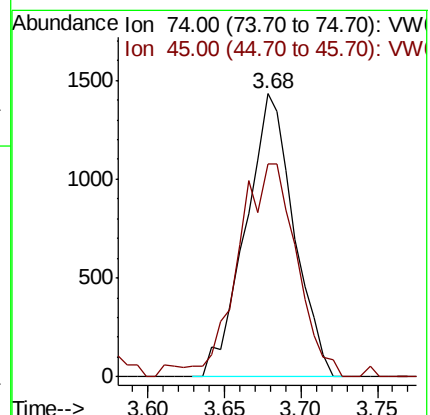
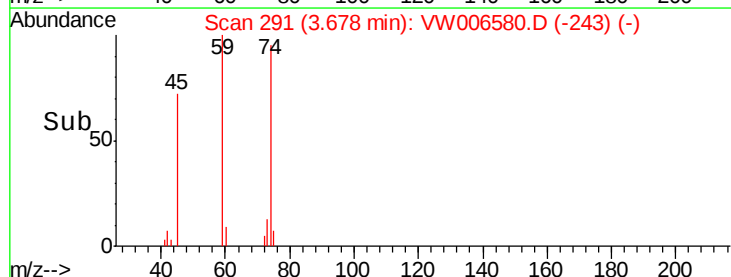
45 90.7 41.1 123.4

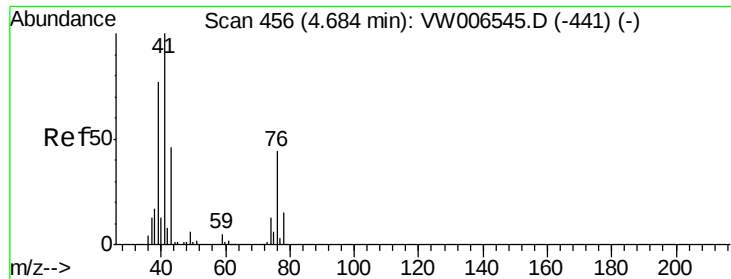


Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

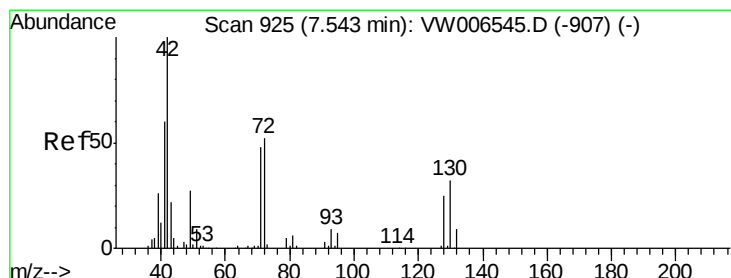
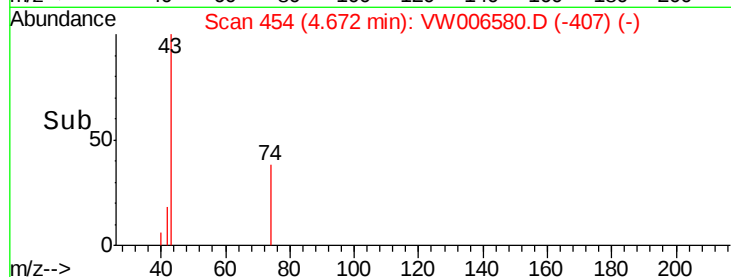
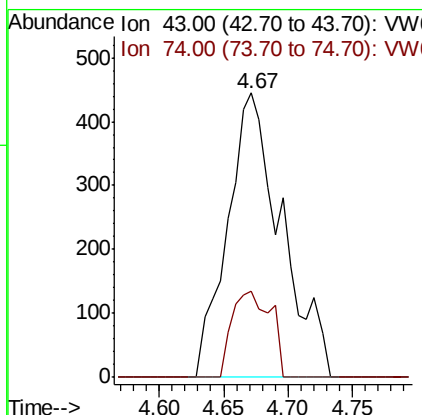
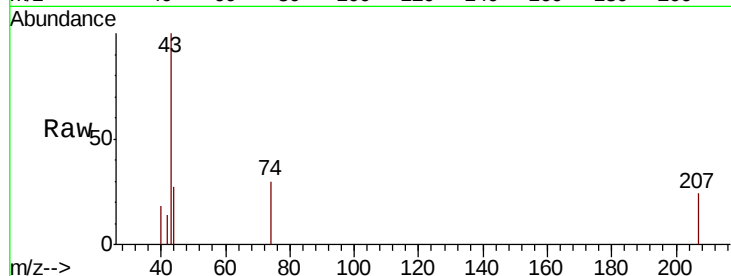




#18
Methyl Acetate
Concen: 1.400 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

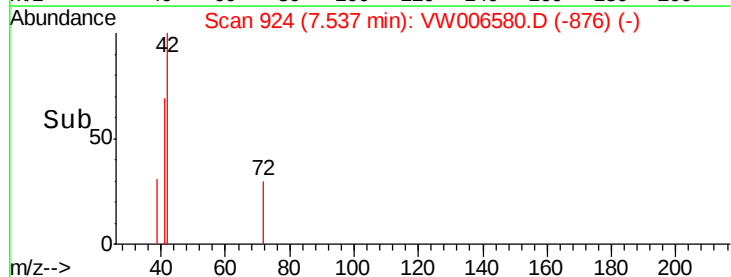
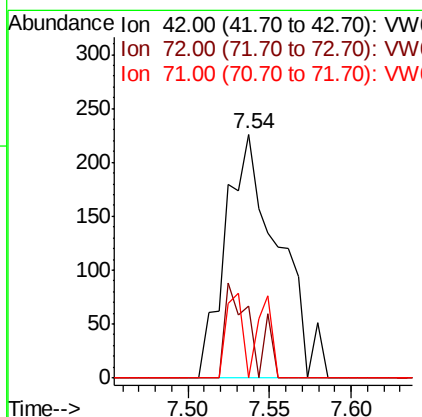
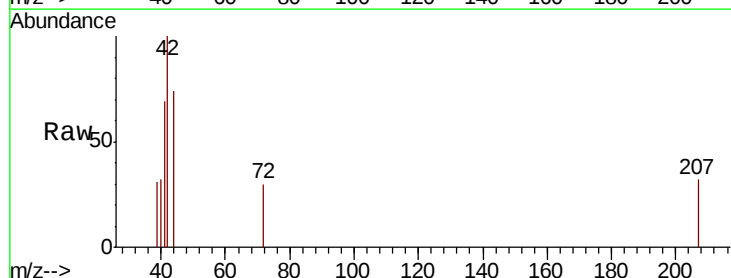
Instrument :
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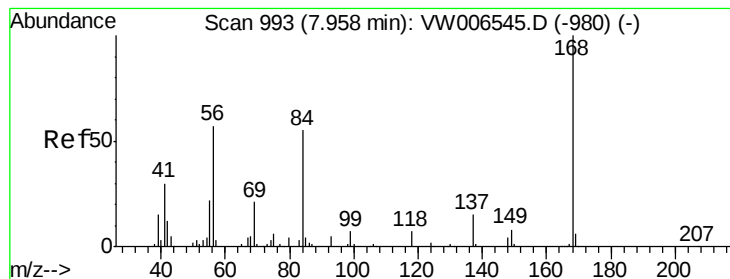
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
74 21.5 21.9 32.9#



#29
Tetrahydrofuran
Concen: 1.752 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

Tgt Ion: 42 Resp: 505
Ion Ratio Lower Upper
42 100
72 19.8 39.2 58.8#
71 10.7 37.6 56.4#





#31

Cyclohexane

Concen: 1.235 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006580.D

Acq: 02 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

PL-02-103018-ARE

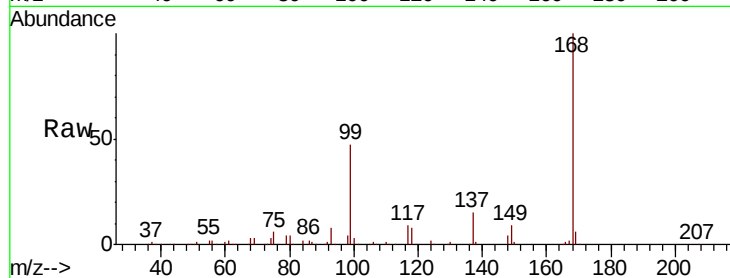
Tgt Ion: 56 Resp: 3914

Ion Ratio Lower Upper

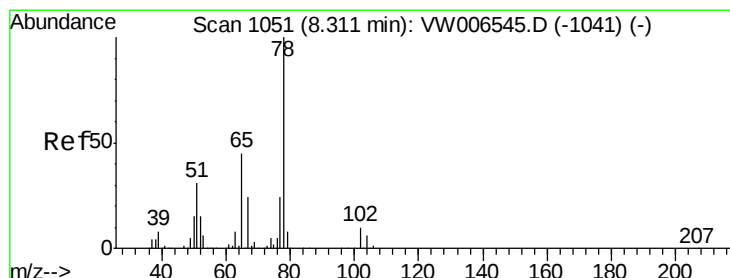
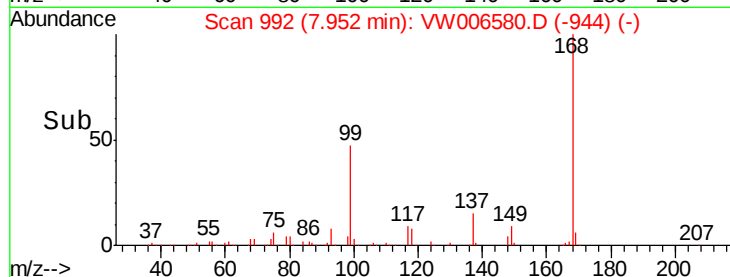
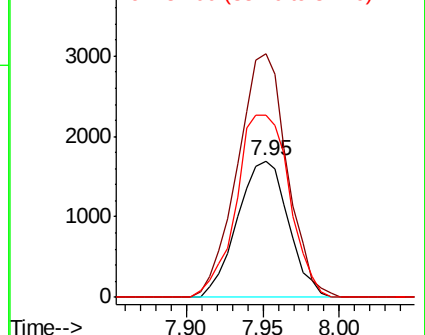
56 100

69 179.0 29.0 43.4#

84 133.6 77.8 116.6#



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: 48.951 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006580.D

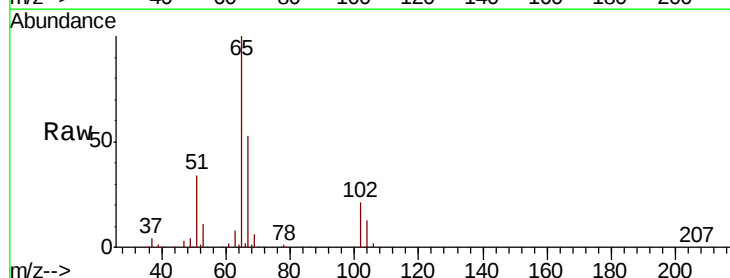
Acq: 02 Nov 2018 02:01

Tgt Ion: 65 Resp: 97382

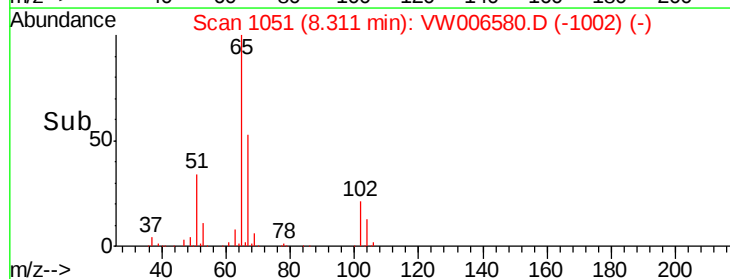
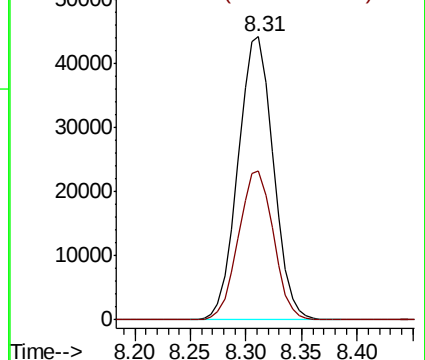
Ion Ratio Lower Upper

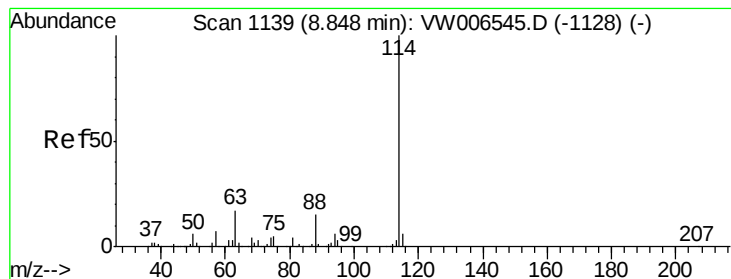
65 100

67 52.3 0.0 104.4



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# 1139

Delta R.T. 0.00 min

Lab File: VW006580.D

Acq: 02 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

PL-02-103018-ARE

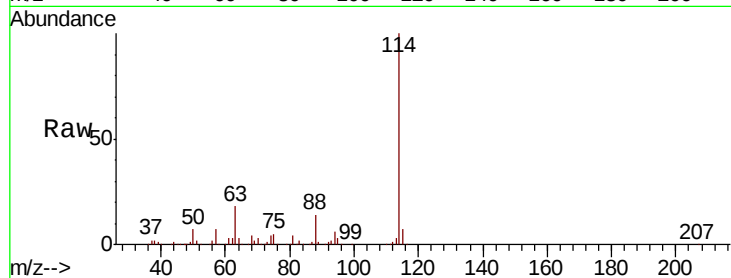
Tgt Ion:114 Resp: 362469

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

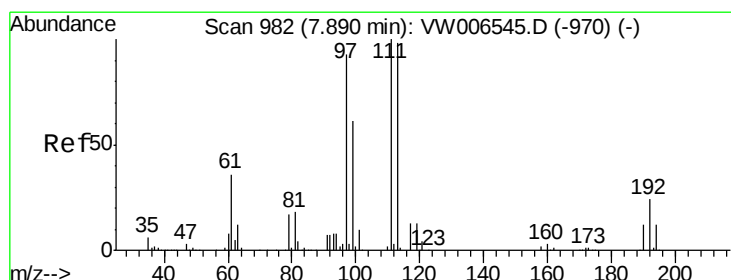
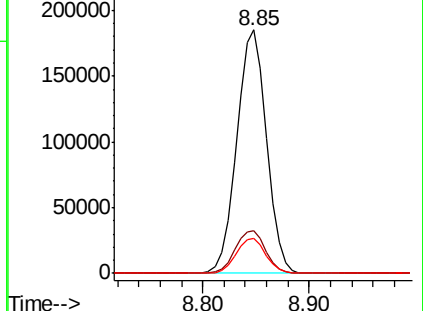
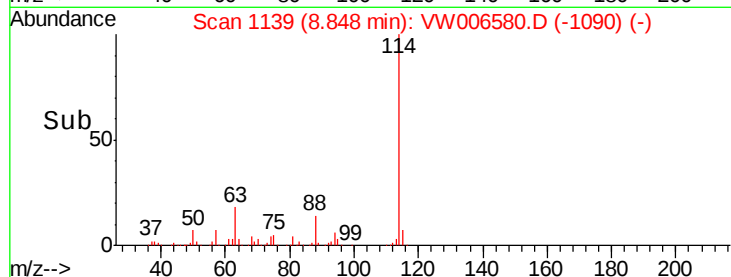
88 14.5 0.0 29.0



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: 42.474 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006580.D

Acq: 02 Nov 2018 02:01

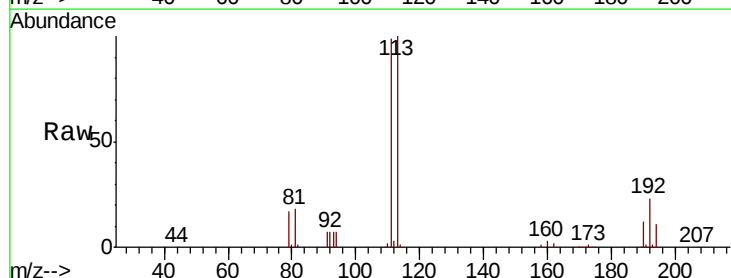
Tgt Ion:113 Resp: 96619

Ion Ratio Lower Upper

113 100

111 100.1 82.2 123.2

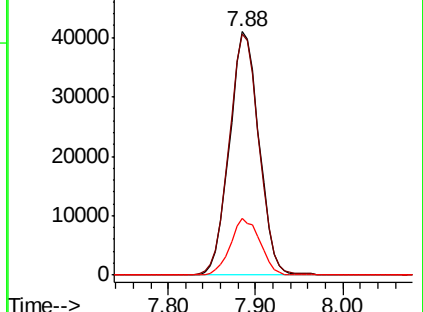
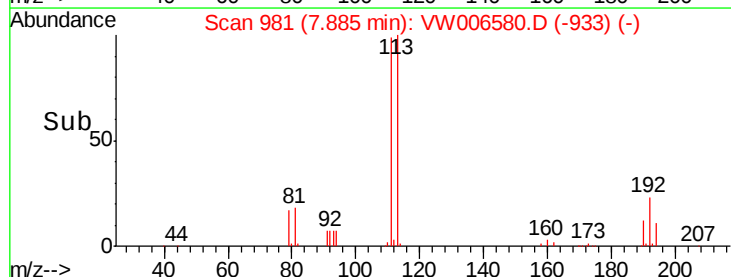
192 23.3 19.0 28.6

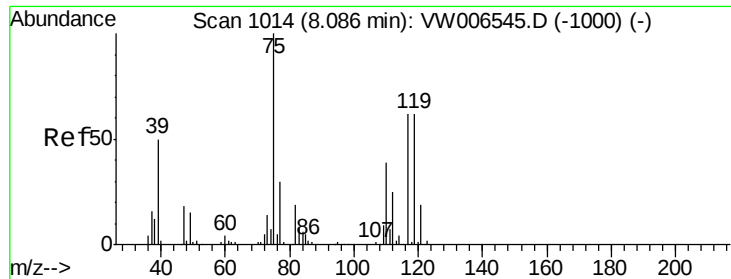


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

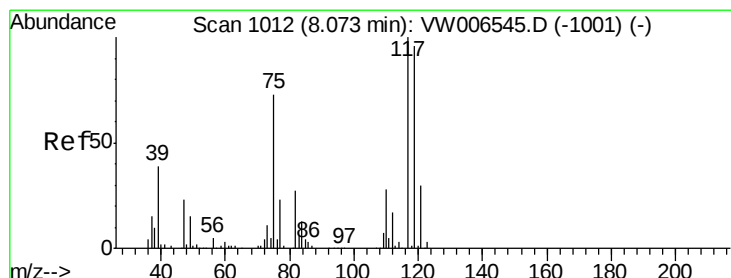
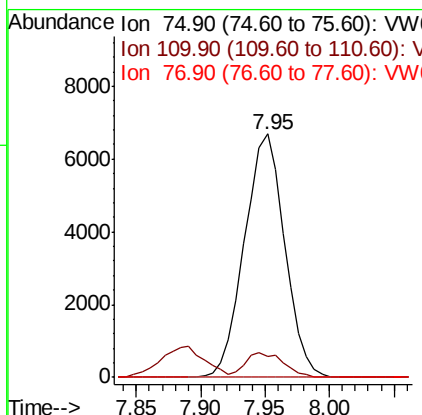
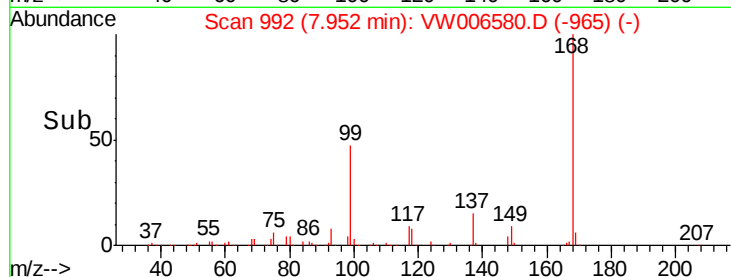
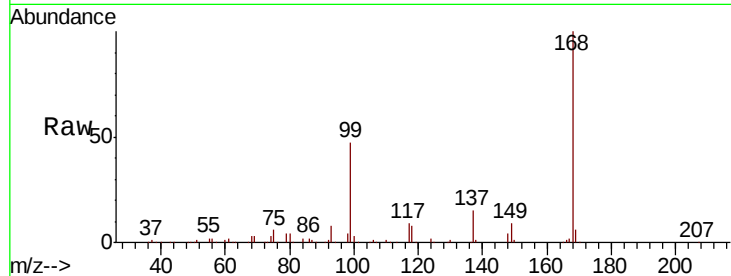




#36
 1,1-Dichloropropene
 Concen: 4.542 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006580.D
 Acq: 02 Nov 2018 02:01

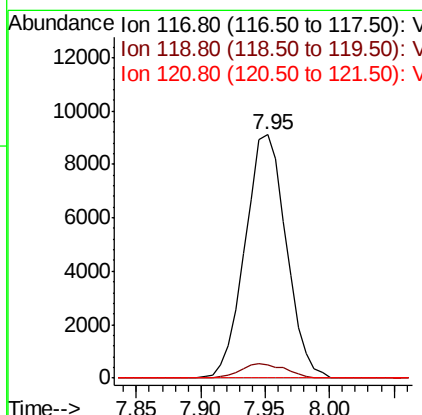
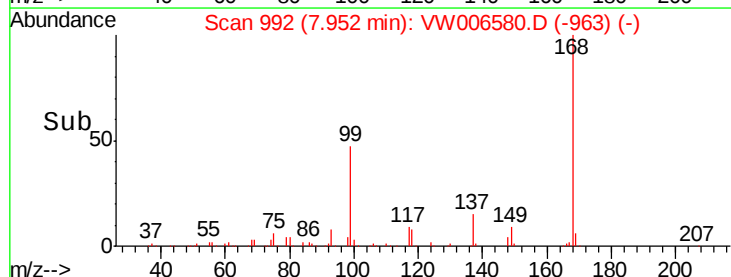
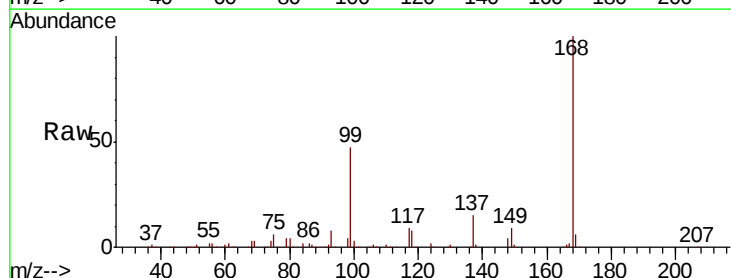
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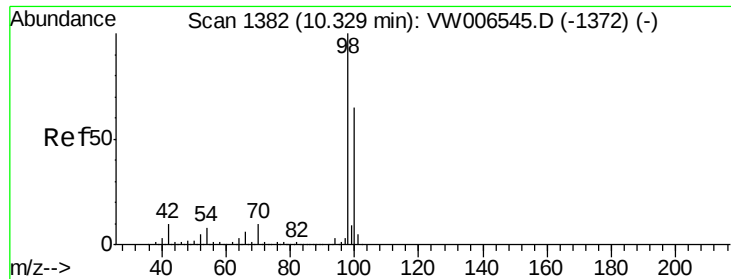
Tgt Ion: 75 Resp: 14478
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.055 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006580.D
 Acq: 02 Nov 2018 02:01

Tgt Ion: 117 Resp: 20167
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.3 114.5#
 121 0.0 24.1 36.1#

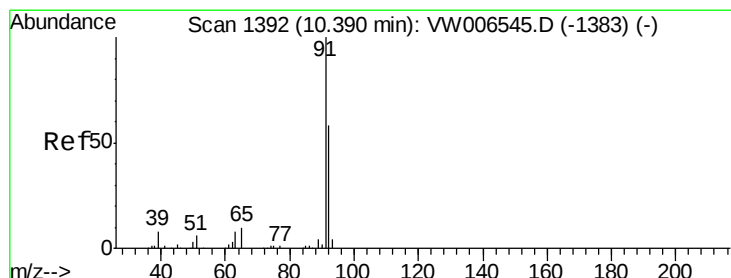
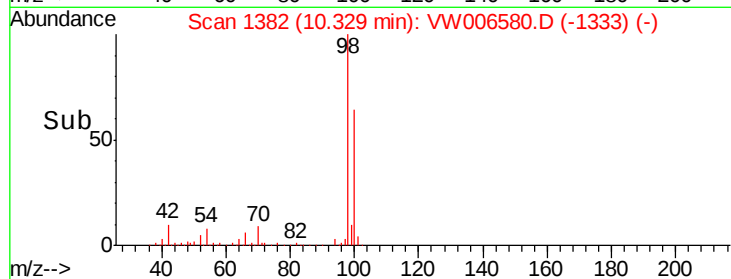
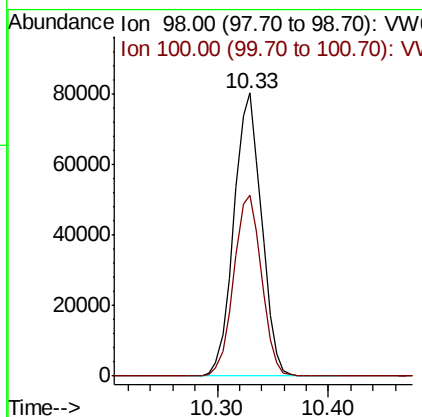
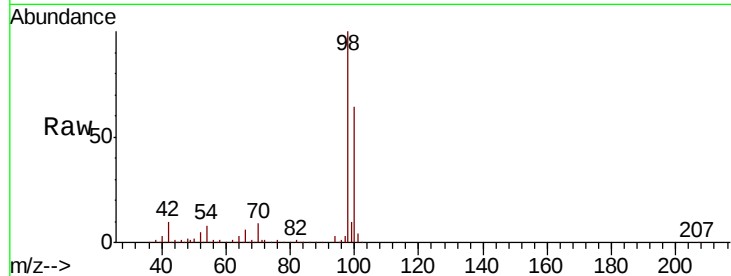




#50
Toluene-d8
Concen: 15.951 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

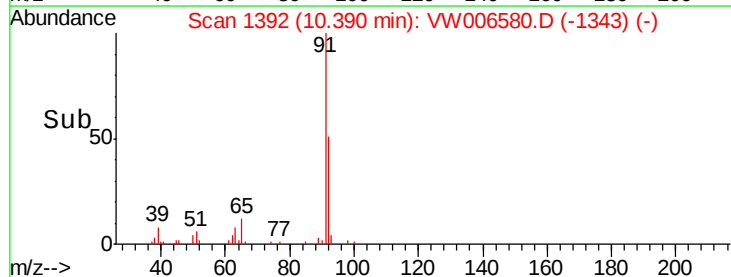
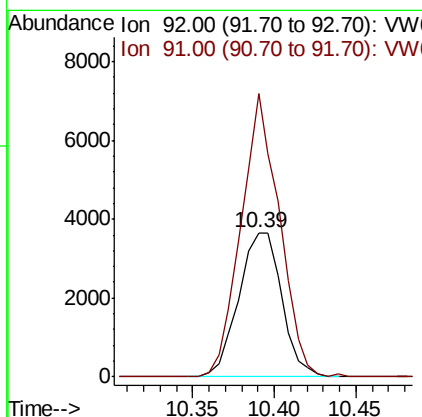
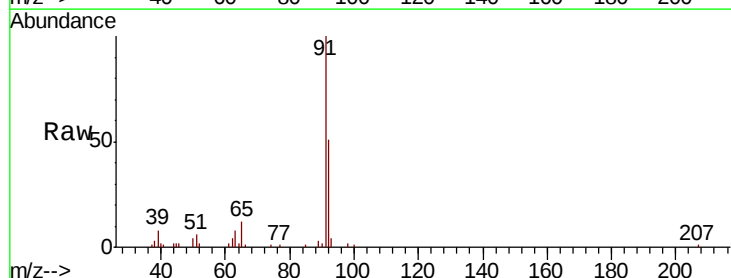
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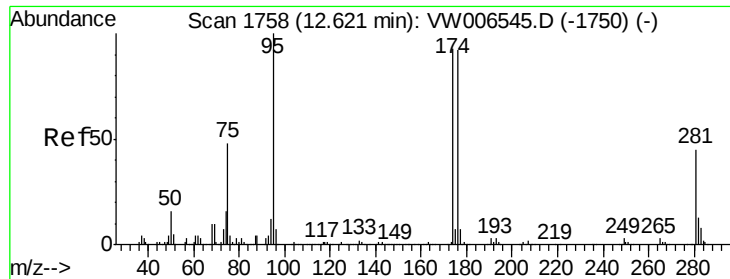
Tgt Ion: 98 Resp: 138133
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#52
Toluene
Concen: 1.107 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

Tgt Ion: 92 Resp: 6720
Ion Ratio Lower Upper
92 100
91 175.5 138.6 208.0

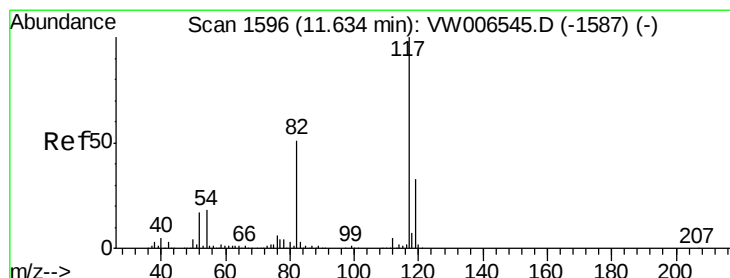
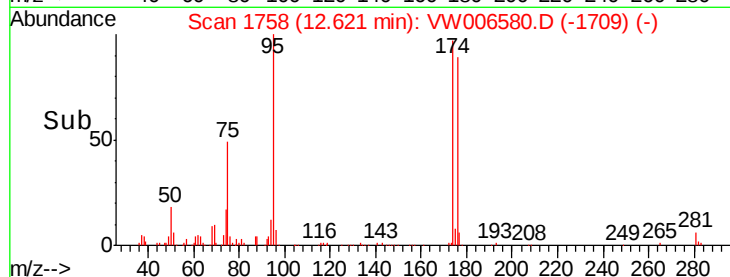
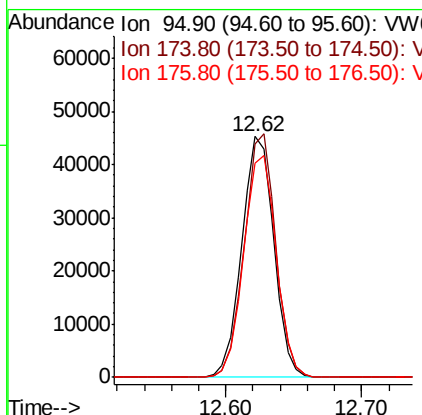
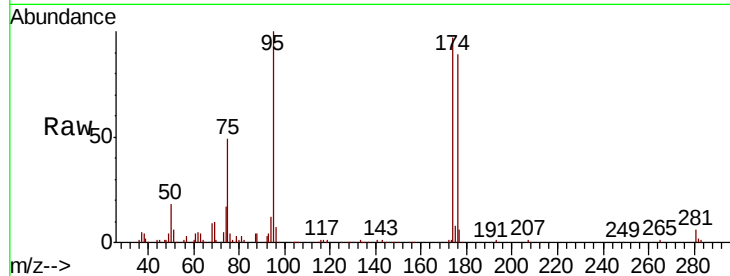




#62
4-Bromofluorobenzene
Concen: 23.805 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

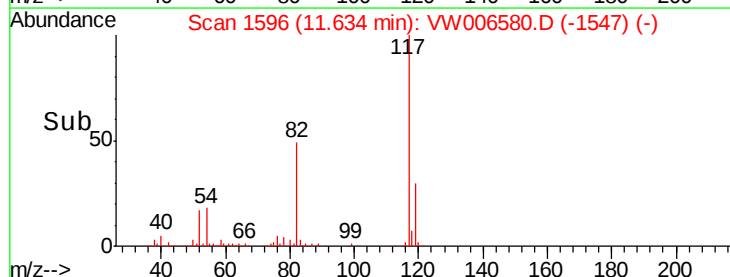
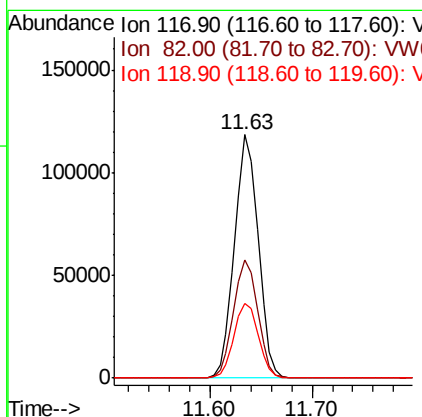
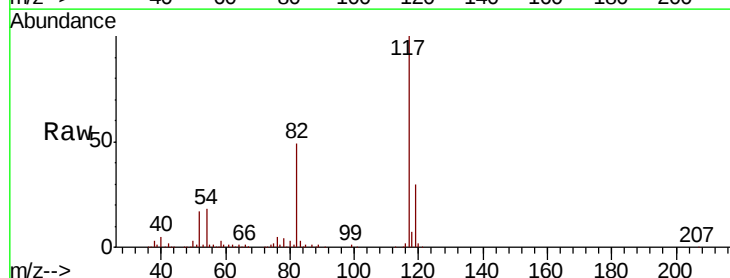
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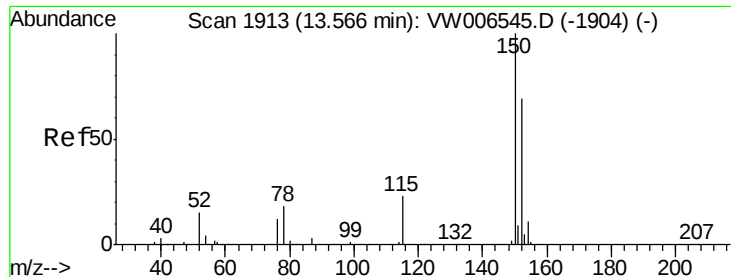
Tgt Ion: 95 Resp: 74735
Ion Ratio Lower Upper
95 100
174 99.2 0.0 192.4
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006580.D
Acq: 02 Nov 2018 02:01

Tgt Ion: 117 Resp: 190279
Ion Ratio Lower Upper
117 100
82 48.6 40.8 61.2
119 30.5 26.1 39.1

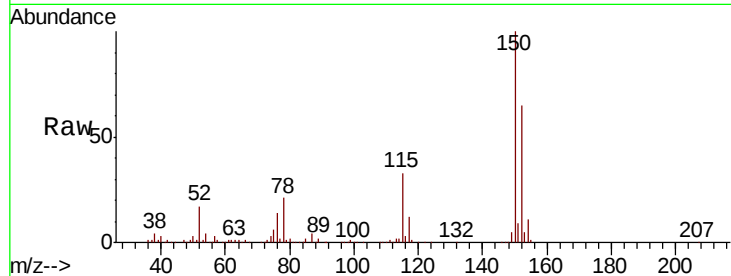




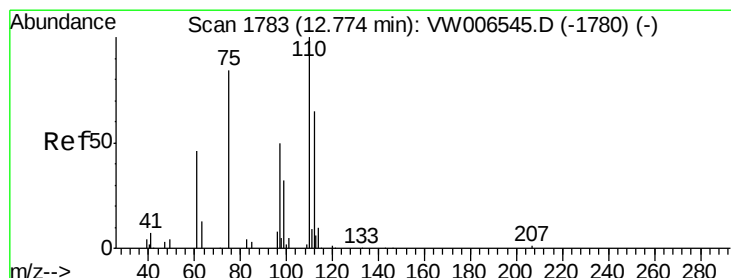
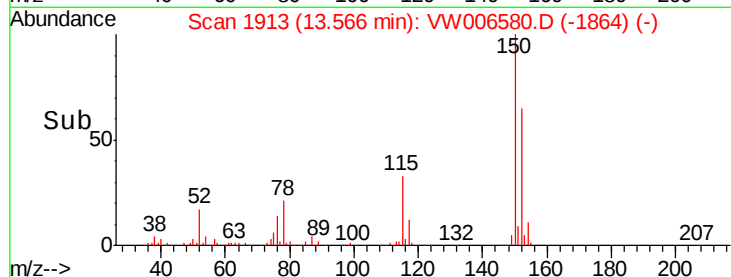
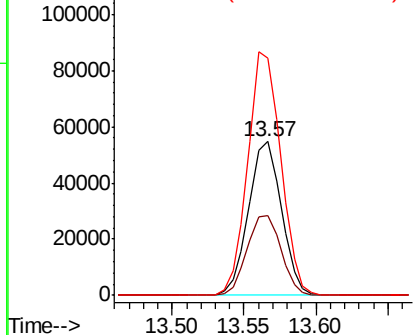
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006580.D
 Acq: 02 Nov 2018 02:01

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-02-103018-ARE

Tgt Ion:152 Resp: 86723
 Ion Ratio Lower Upper
 152 100
 115 53.6 26.6 79.8
 150 158.4 0.0 344.6

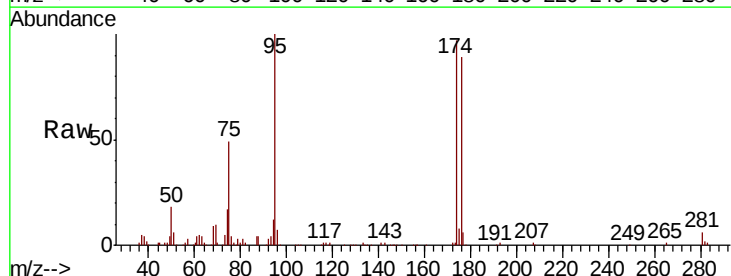


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

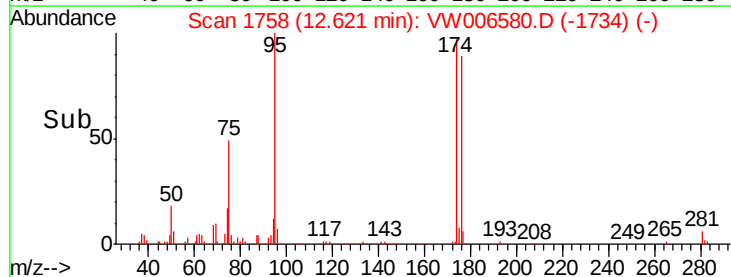
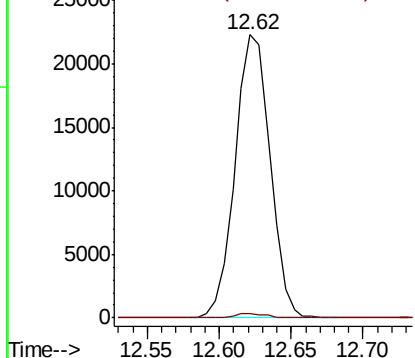


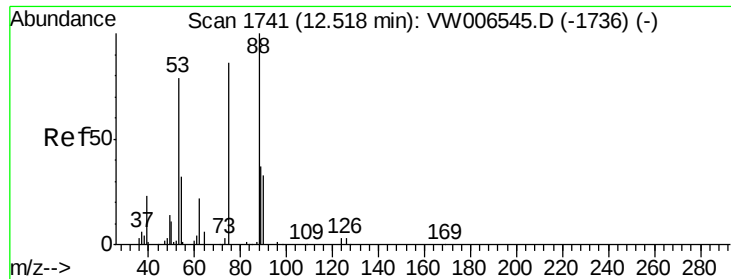
#76
 1,2,3-Trichloropropane
 Concen: 55.539 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006580.D
 Acq: 02 Nov 2018 02:01

Tgt Ion: 75 Resp: 37580
 Ion Ratio Lower Upper
 75 100
 77 1.4 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: 138.838 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006580.D

Acq: 02 Nov 2018 02:01

Instrument :

MSVOA_W

ClientSampleId :

PL-02-103018-ARE

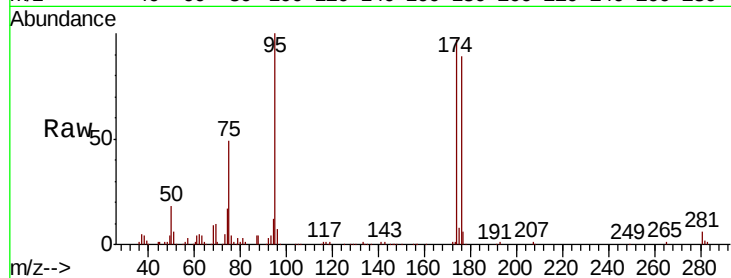
Tgt Ion: 75 Resp: 37580

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

