

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006622.D
 Acq On : 03 Nov 2018 00:19
 Operator : SY/AP
 Sample : J5741-39
 Misc : 7.46G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10

Quant Time: Nov 03 04:04:06 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	233615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	351913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160027	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	84803	42.23	ug/l	0.00
Spiked Amount			Recovery	=	84.46%	
35) Dibromofluoromethane	7.88	113	85568	38.74	ug/l	0.00
Spiked Amount			Recovery	=	77.48%	
50) Toluene-d8	10.33	98	304067	36.17	ug/l	0.00
Spiked Amount			Recovery	=	72.34%	
62) 4-Bromofluorobenzene	12.62	95	100870	33.09	ug/l	0.00
Spiked Amount			Recovery	=	66.18%	

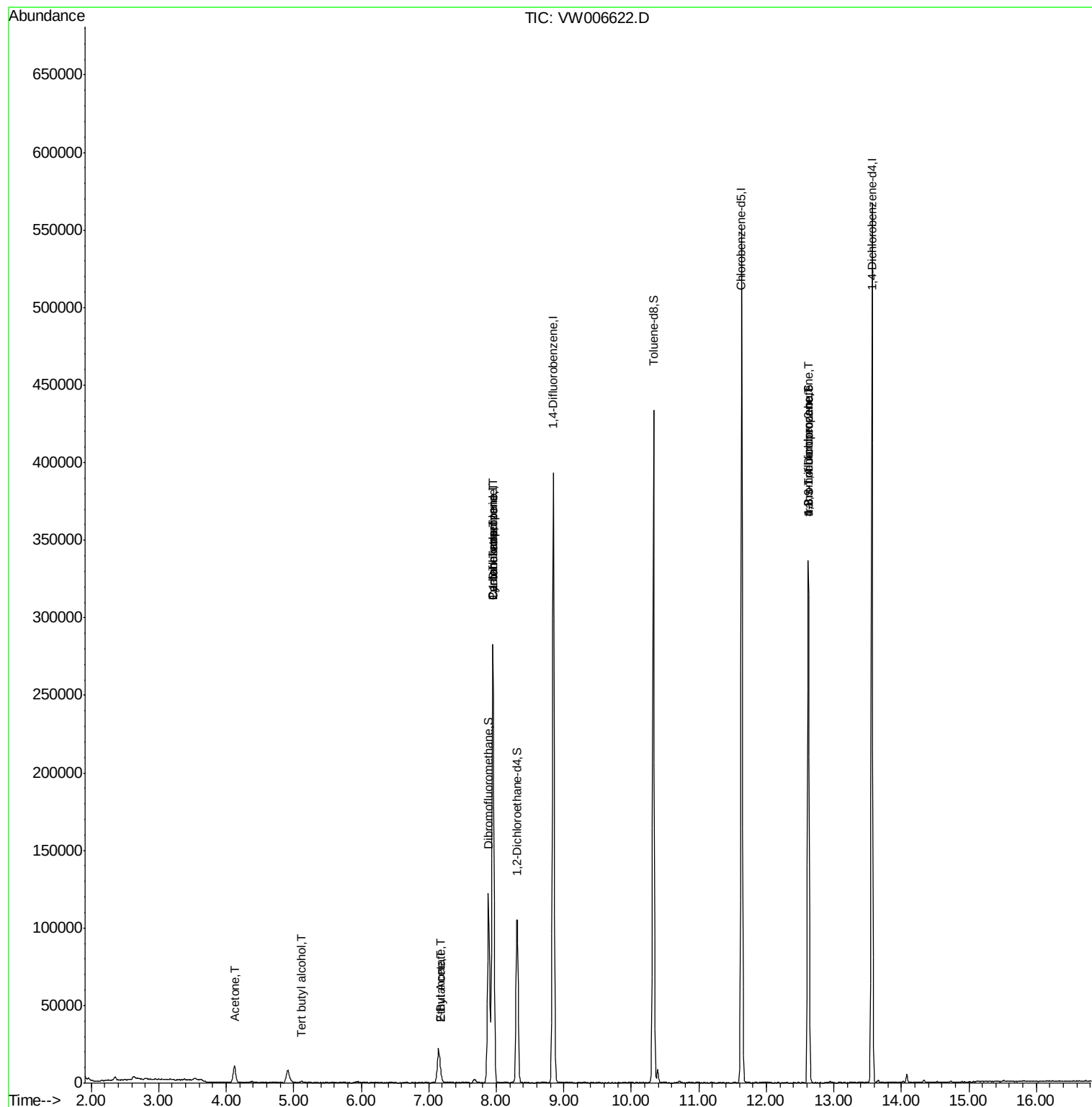
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	665	6.146	ug/l #	84
16) Acetone	4.12	43	18557	57.237	ug/l	100
20) Methylene Chloride	4.92	84	7602	Below Cal	#	86
25) 2-Butanone	7.18	43	3244	7.012	ug/l	96
31) Cyclohexane	7.95	56	3909	1.222	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	14575	4.710	ug/l #	48
37) Ethyl Acetate	7.18	43	3244	3.025	ug/l #	66
38) Carbon Tetrachloride	7.95	117	20312	6.281	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	49697	39.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49697	100.254	ug/l #	11

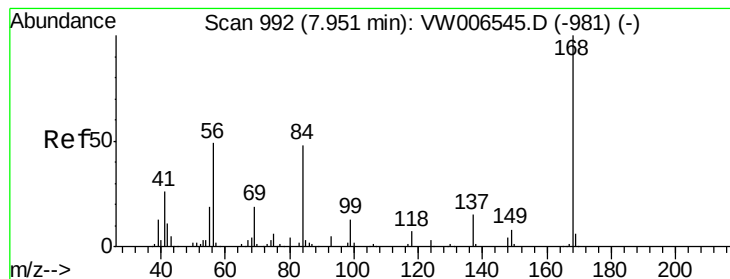
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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Quant Time: Nov 03 04:03:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
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: VW006622.D

Acq: 03 Nov 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

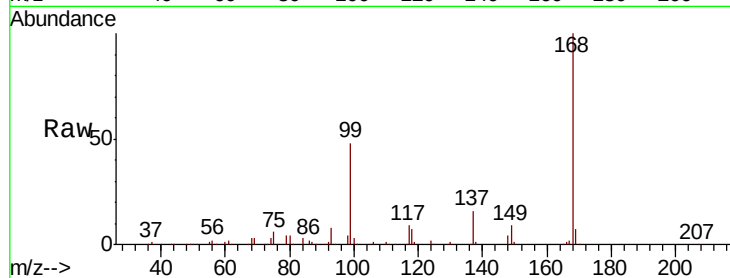
TP-10

Tgt Ion:168 Resp: 233615

Ion Ratio Lower Upper

168 100

99 48.4 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

120000

100000

80000

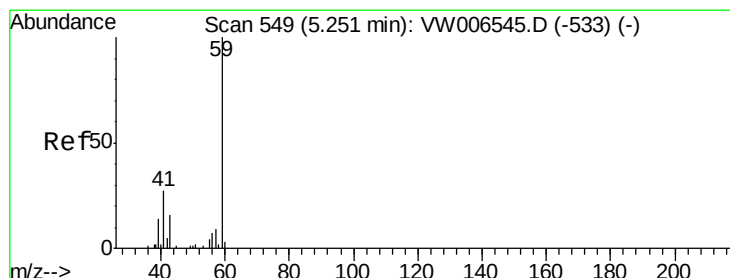
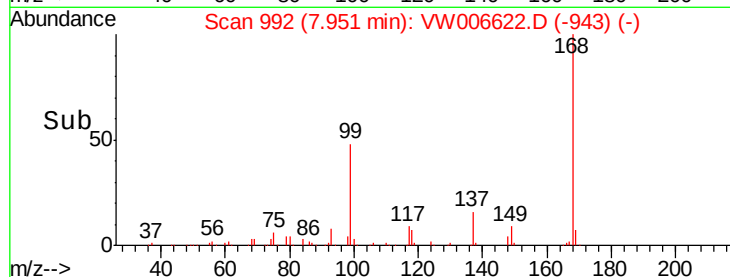
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.146 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.13 min

Lab File: VW006622.D

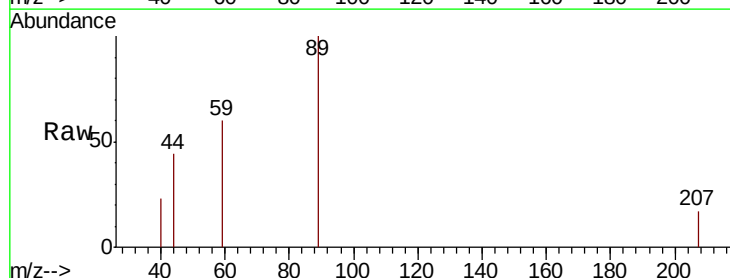
Acq: 03 Nov 2018 00:19

Tgt Ion: 59 Resp: 665

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

250

200

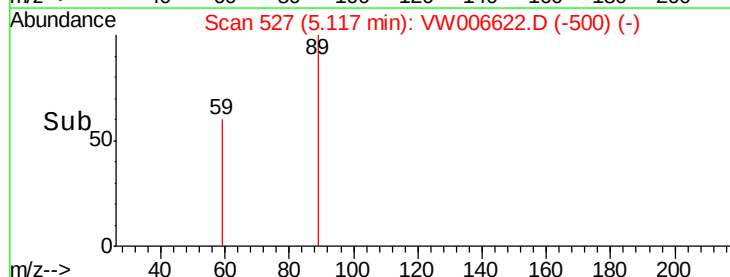
150

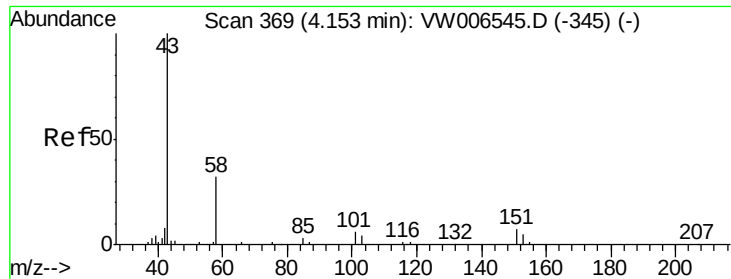
100

50

0

Time-->

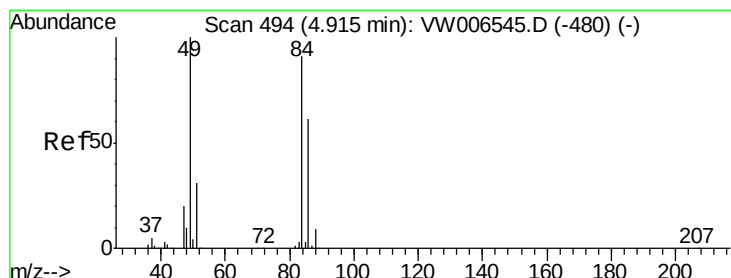
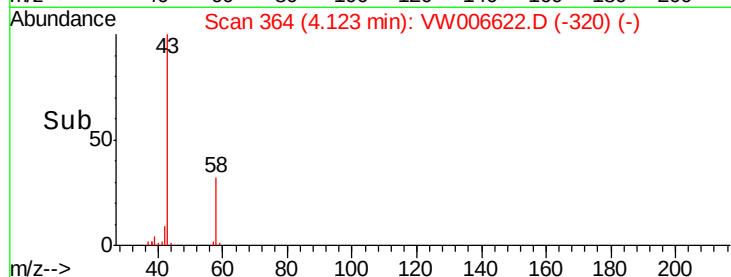
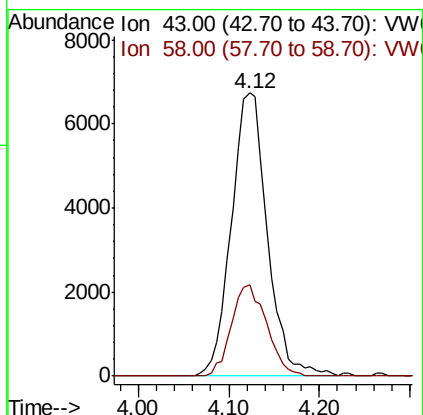
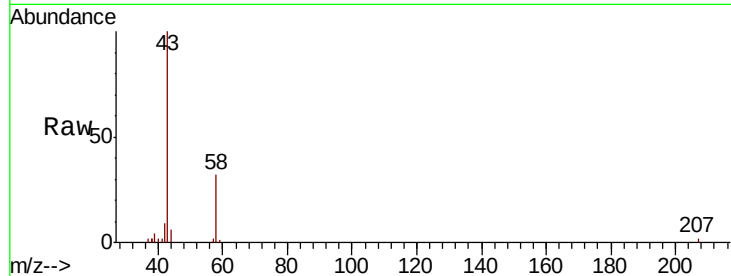




#16
Acetone
Concen: 57.237 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

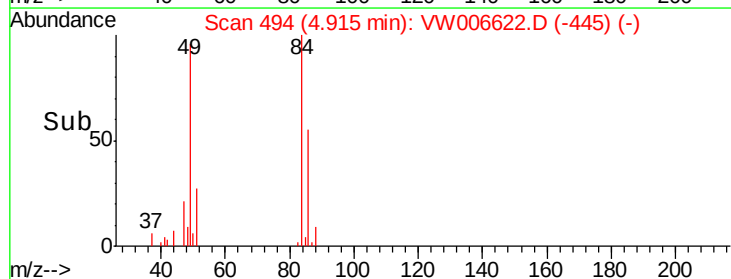
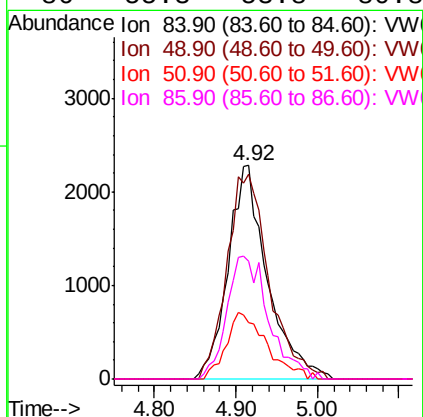
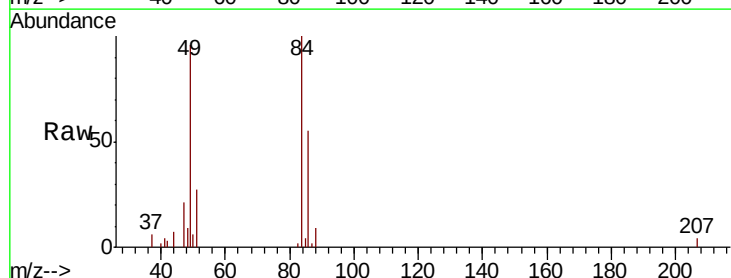
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MSVOA_W
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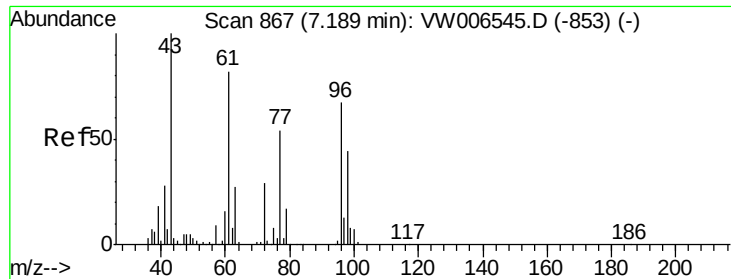
Tgt Ion: 43 Resp: 18557
Ion Ratio Lower Upper
43 100
58 32.3 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

Tgt Ion: 84 Resp: 7602
Ion Ratio Lower Upper
84 100
49 96.0 88.2 132.4
51 26.6 27.0 40.6#
86 55.3 53.8 80.8





#25

2-Butanone

Concen: 7.012 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006622.D

Acq: 03 Nov 2018 00:19

Instrument :

MSVOA_W

ClientSampled :

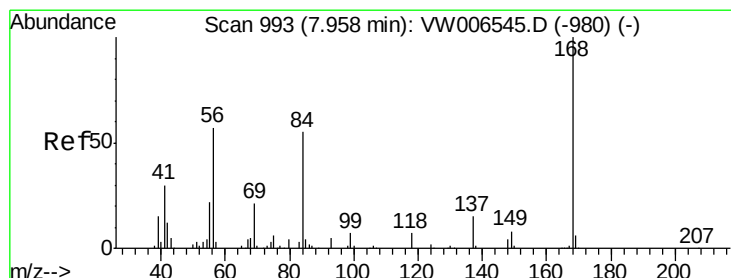
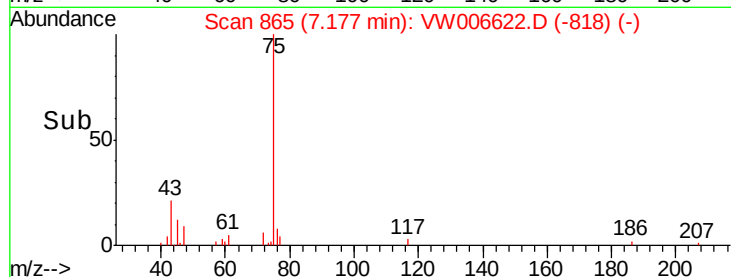
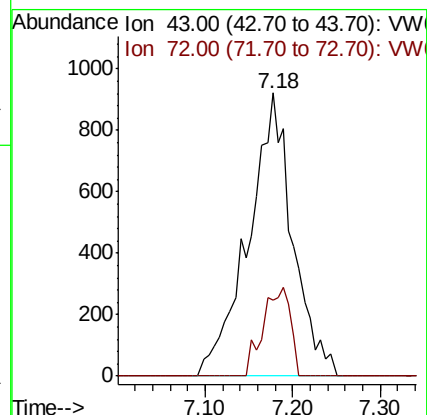
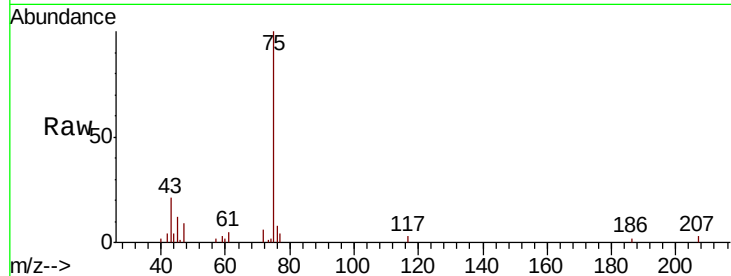
TP-10

Tgt Ion: 43 Resp: 3244

Ion Ratio Lower Upper

43 100

72 26.7 23.2 34.8



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006622.D

Acq: 03 Nov 2018 00:19

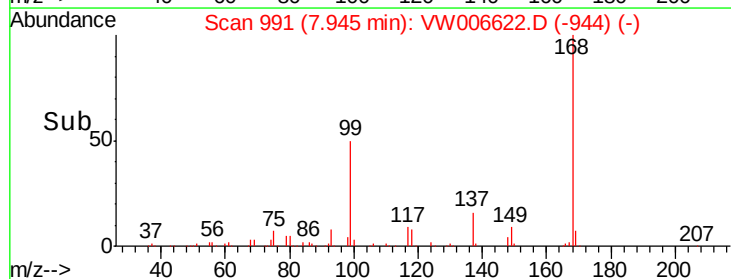
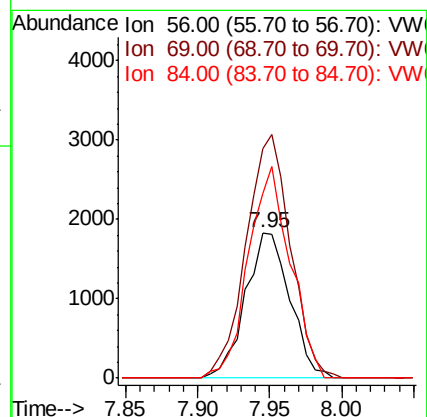
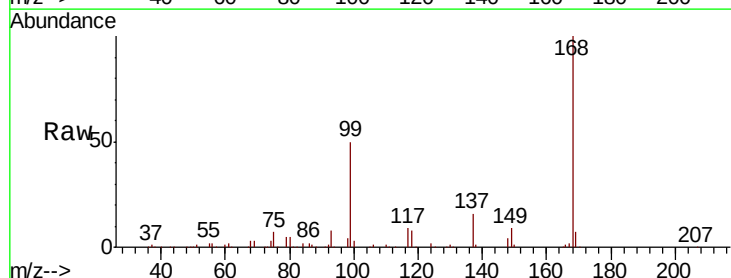
Tgt Ion: 56 Resp: 3909

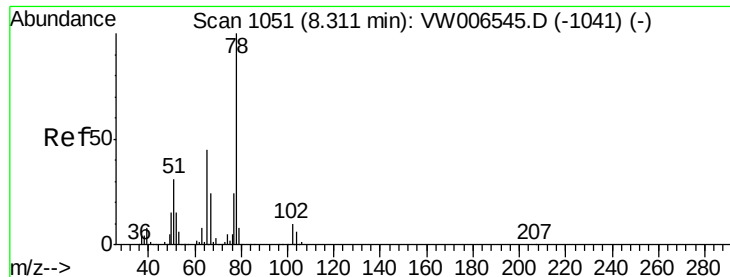
Ion Ratio Lower Upper

56 100

69 157.7 29.0 43.4#

84 126.9 77.8 116.6#

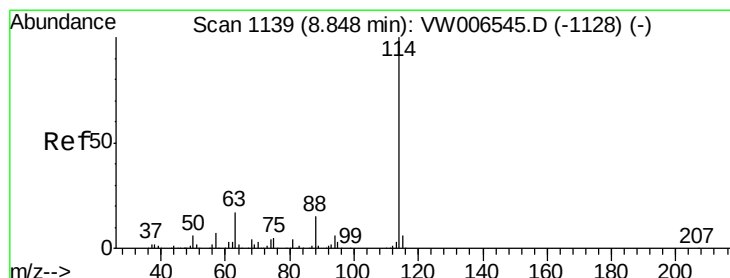
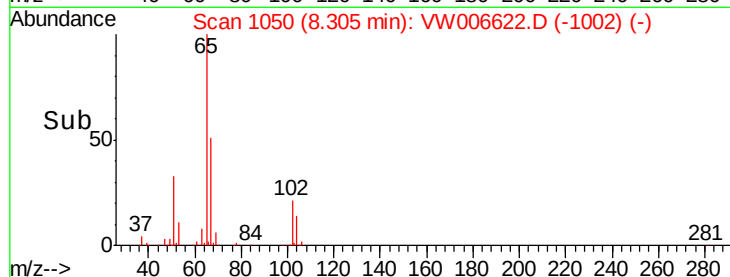
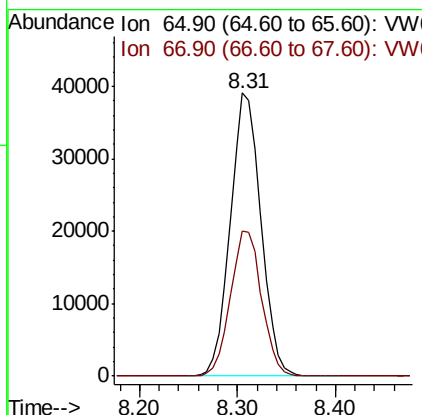
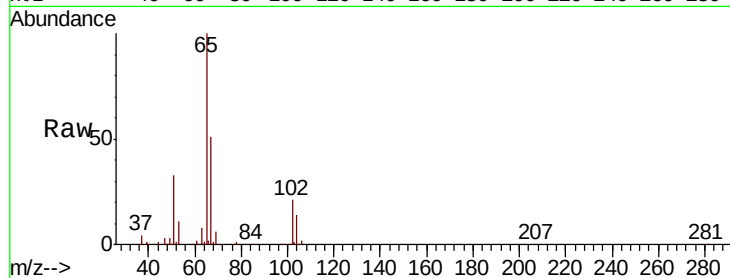




#33
 1,2-Dichloroethane-d4
 Concen: 42.230 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

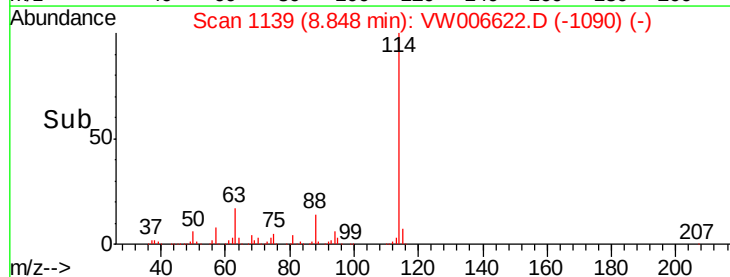
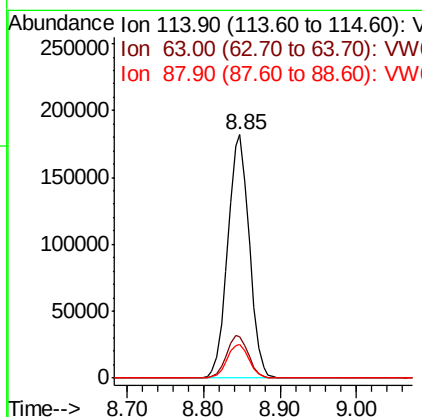
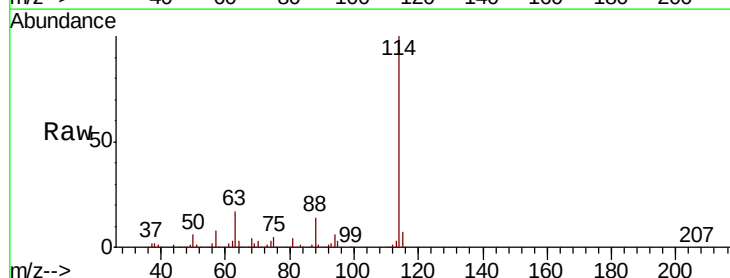
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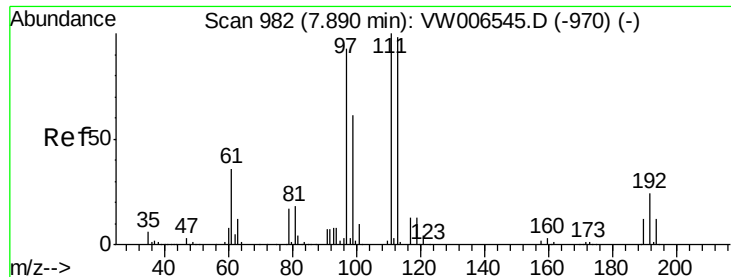
Tgt Ion: 65 Resp: 84803
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

Tgt Ion: 114 Resp: 351913
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 13.8 0.0 29.0

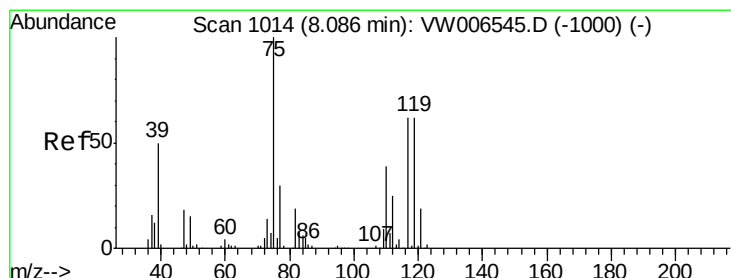
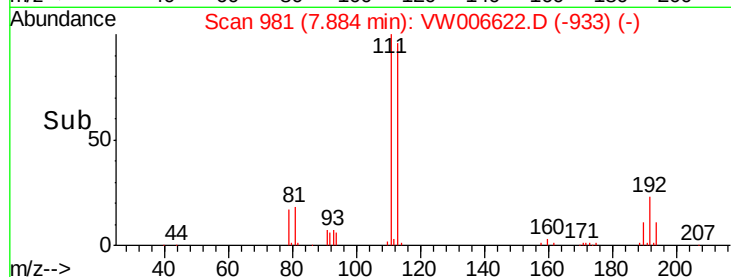
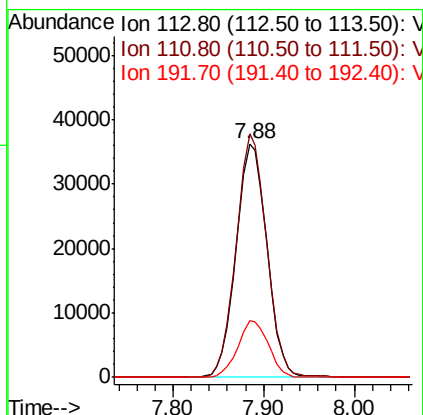
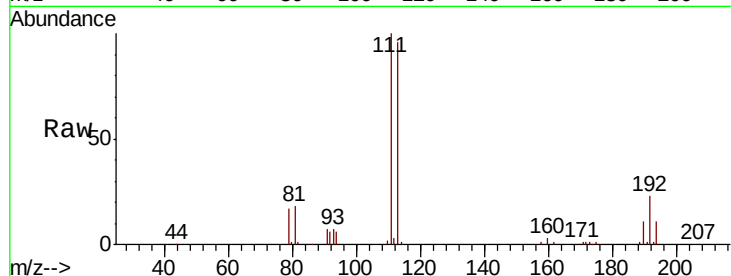




#35
 Dibromofluoromethane
 Concen: 38.744 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

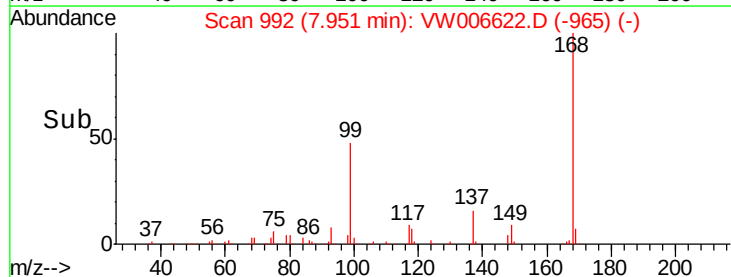
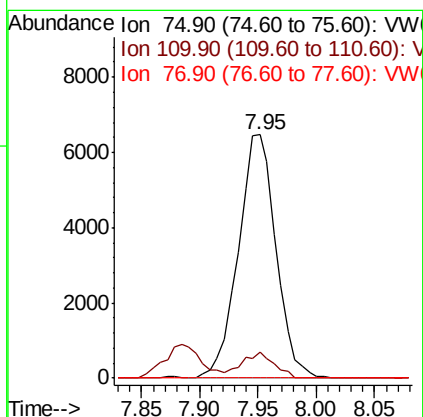
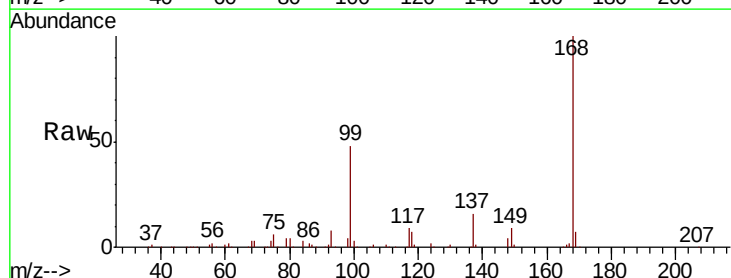
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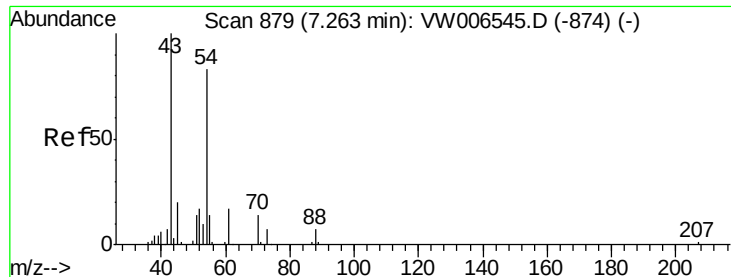
Tgt Ion: 113 Resp: 85568
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.710 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

Tgt Ion: 75 Resp: 14575
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#

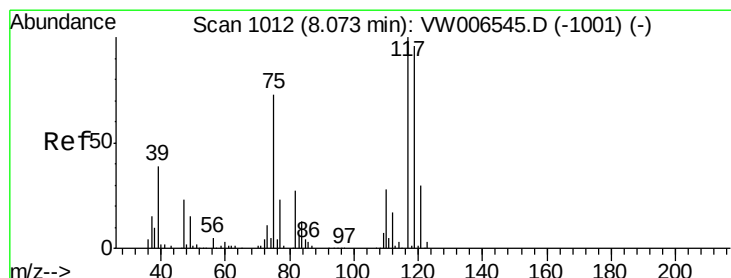
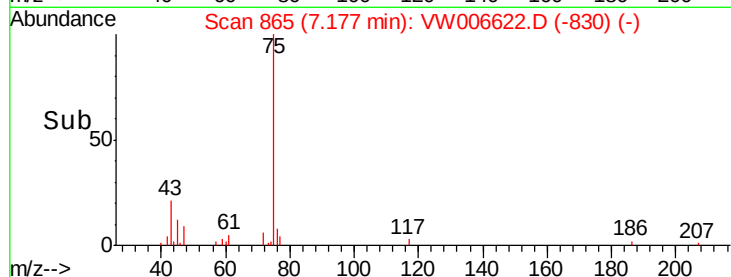
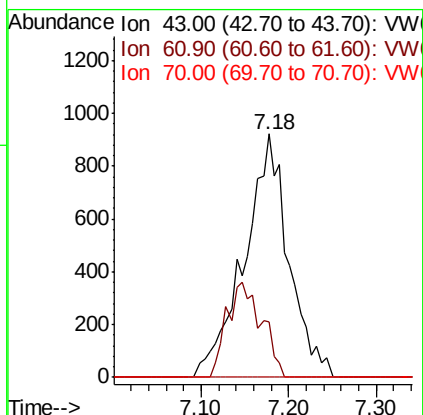
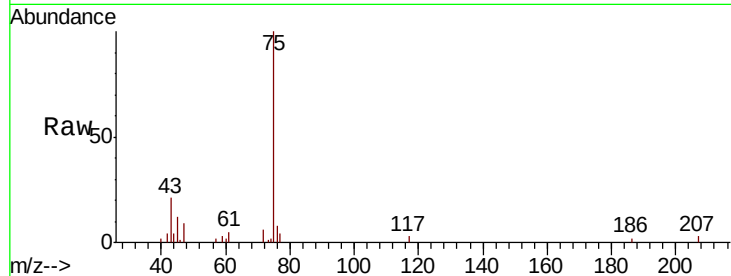




#37
Ethyl Acetate
 Concen: 3.025 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

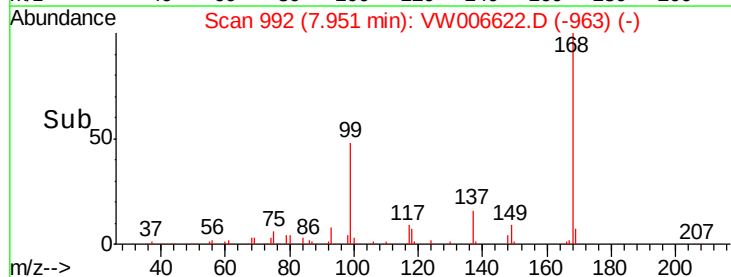
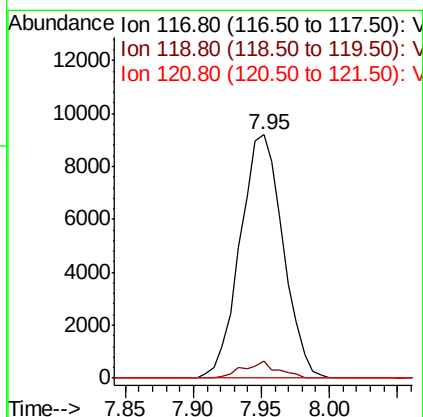
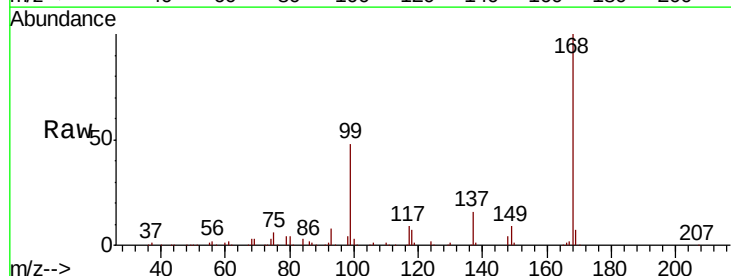
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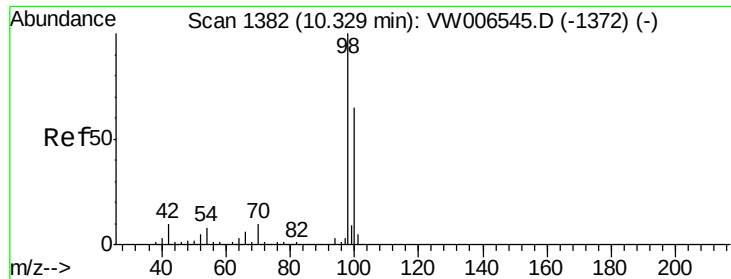
Tgt Ion: 43 Resp: 3244
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
 Concen: 6.281 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

Tgt Ion: 117 Resp: 20312
 Ion Ratio Lower Upper
 117 100
 119 6.8 76.3 114.5#
 121 0.0 24.1 36.1#

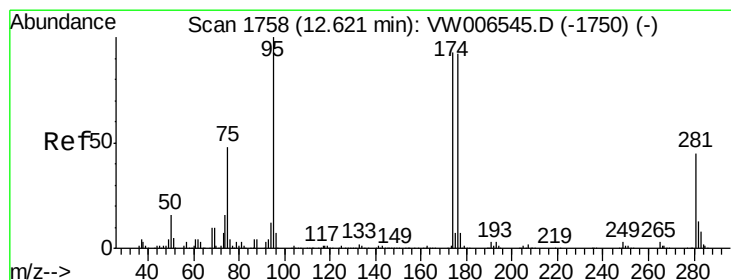
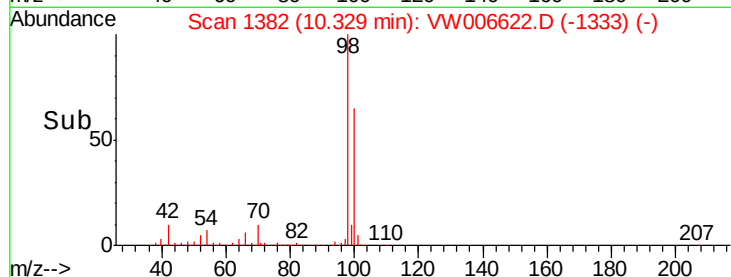
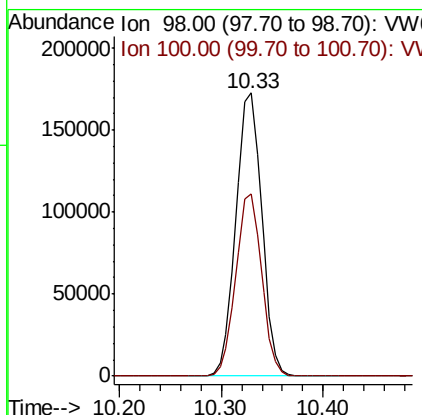
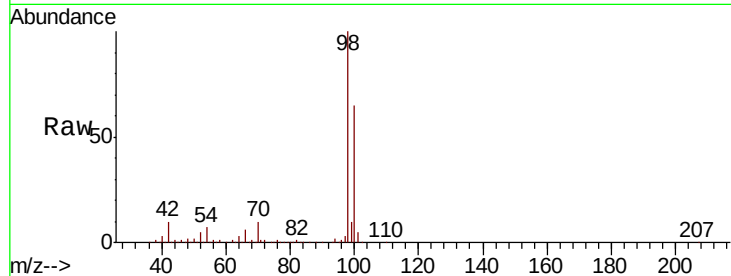




#50
Toluene-d8
Concen: 36.166 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

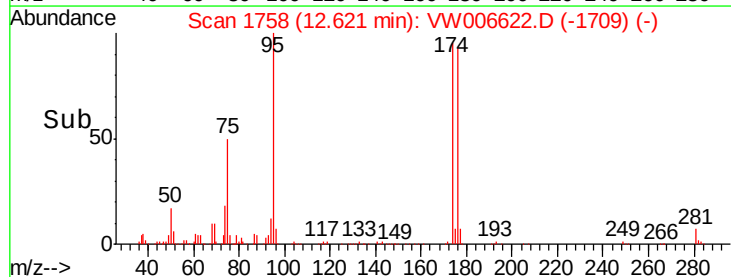
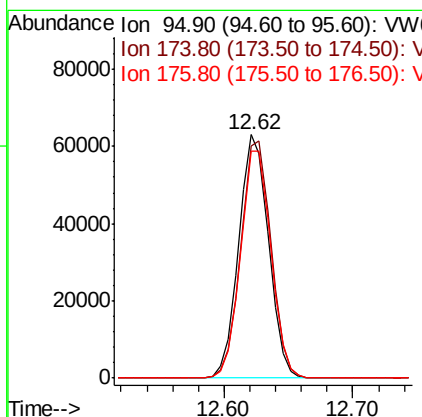
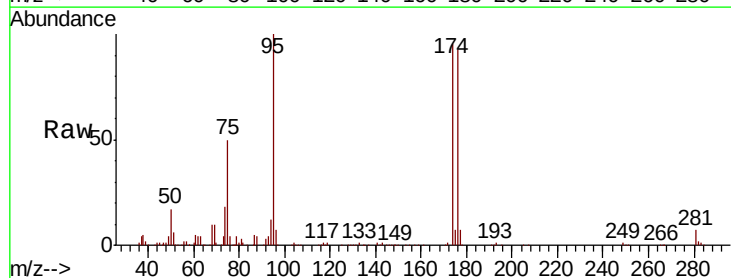
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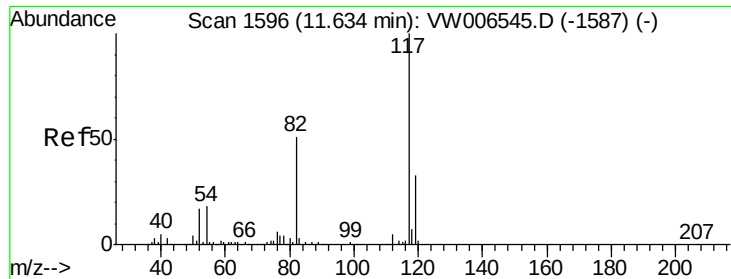
Tgt Ion: 98 Resp: 304067
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 33.093 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

Tgt Ion: 95 Resp: 100870
Ion Ratio Lower Upper
95 100
174 98.8 0.0 192.4
176 95.2 0.0 187.4

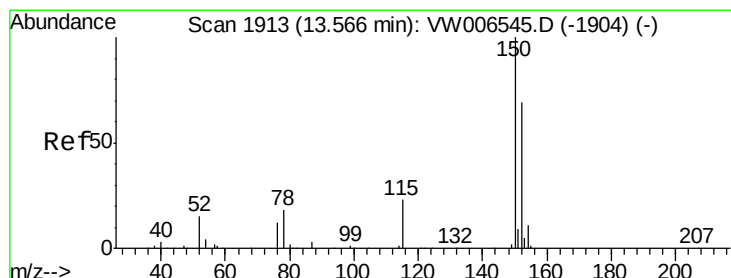
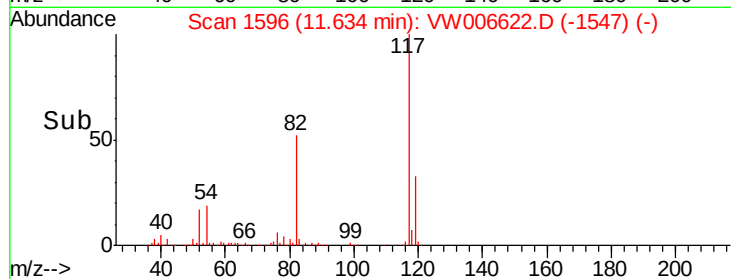
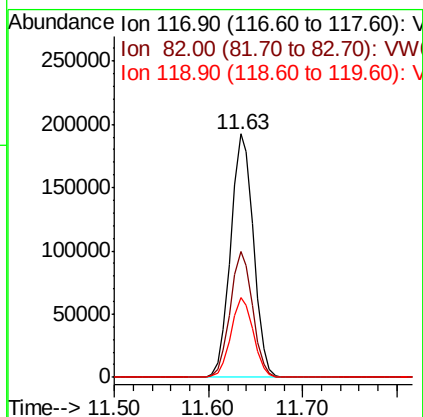
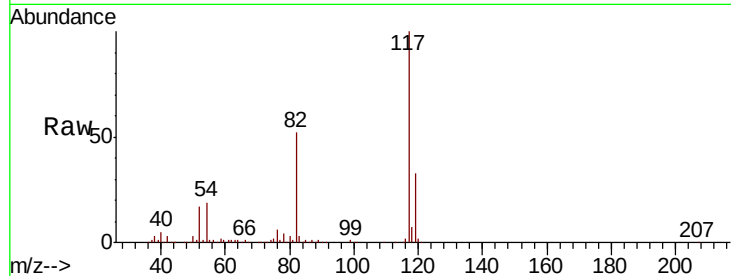




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

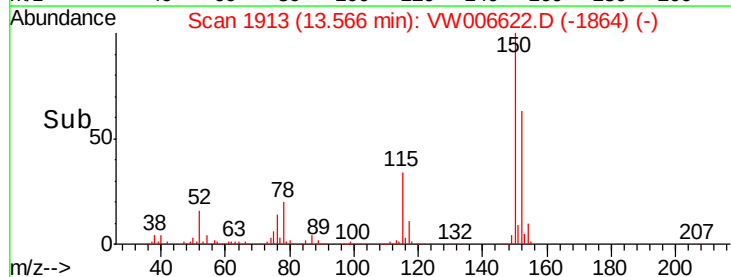
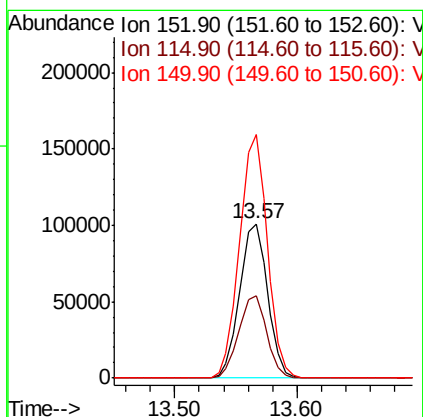
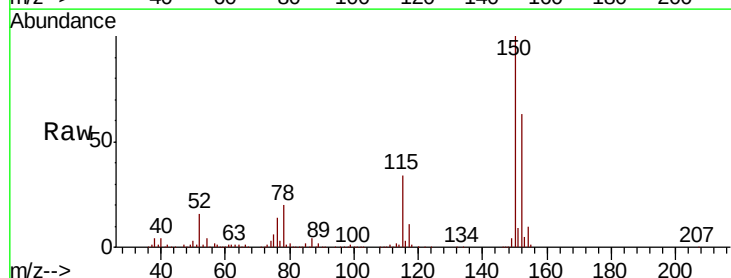
Instrument :
MSVOA_W
ClientSampled :
TP-10

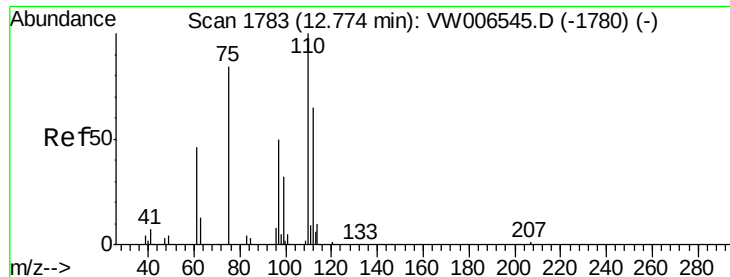
Tgt Ion:117 Resp: 321900
Ion Ratio Lower Upper
117 100
82 51.9 40.8 61.2
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006622.D
Acq: 03 Nov 2018 00:19

Tgt Ion:152 Resp: 160027
Ion Ratio Lower Upper
152 100
115 53.2 26.6 79.8
150 156.8 0.0 344.6

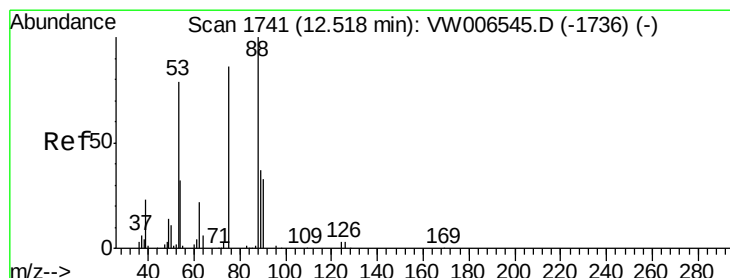
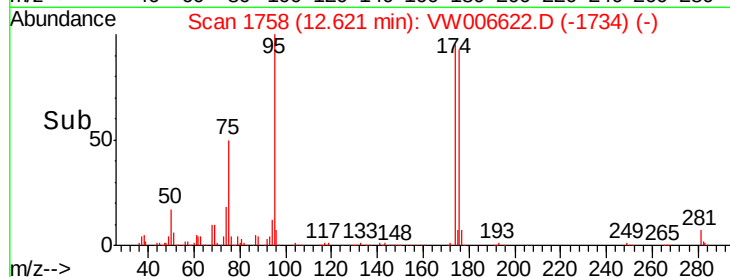
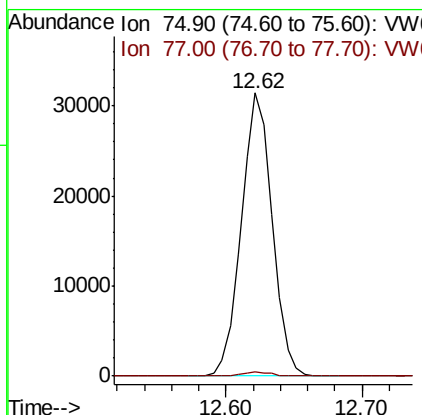
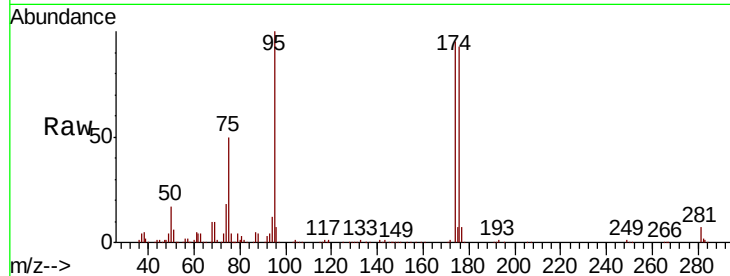




#76
 1,2,3-Trichloropropane
 Concen: 39.803 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10

Tgt Ion: 75 Resp: 49697
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.254 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006622.D
 Acq: 03 Nov 2018 00:19

Tgt Ion: 75 Resp: 49697
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.2 115.8#
 89 0.0 38.6 58.0#

