

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014545.D
 Acq On : 07 Jan 2020 14:16
 Operator : SY/VA
 Sample : K6476-08
 Misc : 7.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB455_191227-24-25

Quant Time: Jan 08 06:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

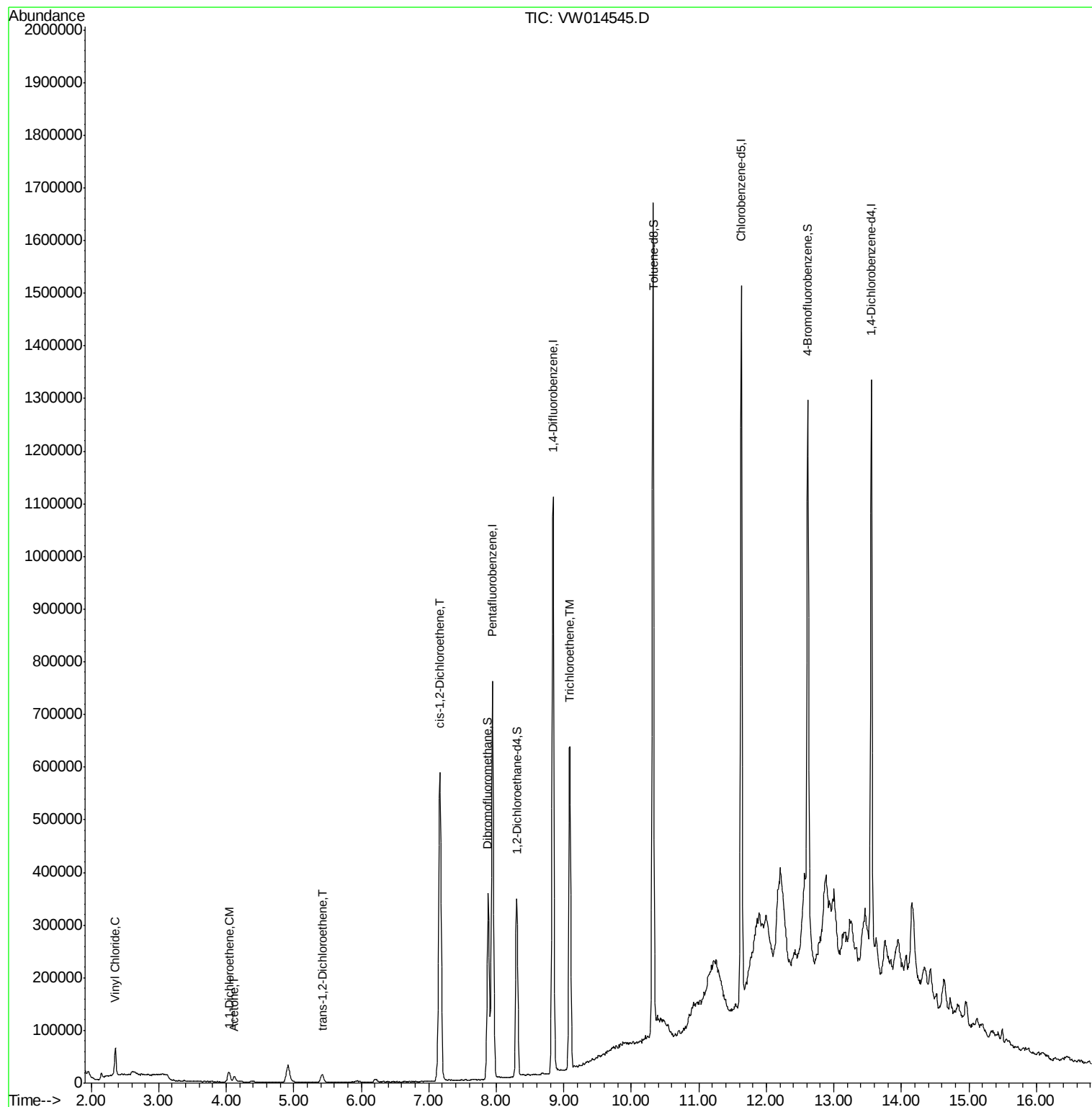
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	600403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	952066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	799140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	315071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	266851	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	261022	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	10.32	98	1060578	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	12.62	95	320869	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
Target Compounds						
4) Vinyl Chloride	2.35	62	51342	8.412	ug/l	98
12) 1,1-Dichloroethene	4.05	96	11936	1.998	ug/l #	83
16) Acetone	4.12	43	20084	13.550	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	8994	1.418	ug/l #	94
27) cis-1,2-Dichloroethene	7.16	96	364138	54.624	ug/l	93
44) Trichloroethene	9.09	130	236105	33.600	ug/l	90

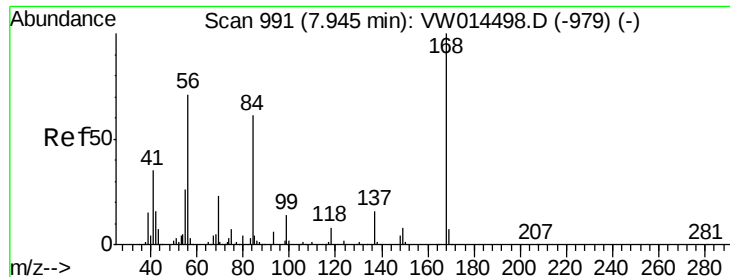
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

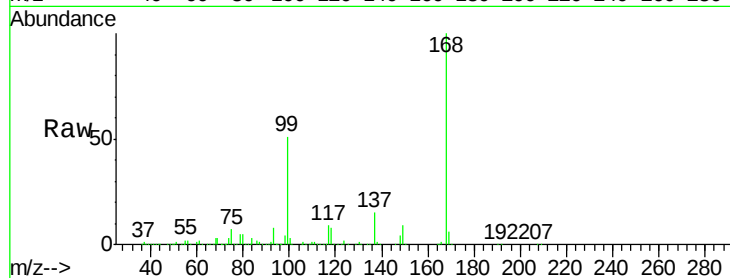
WP022SB455_191227-24-25

Tgt Ion:168 Resp: 600403

Ion Ratio Lower Upper

168 100

99 50.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

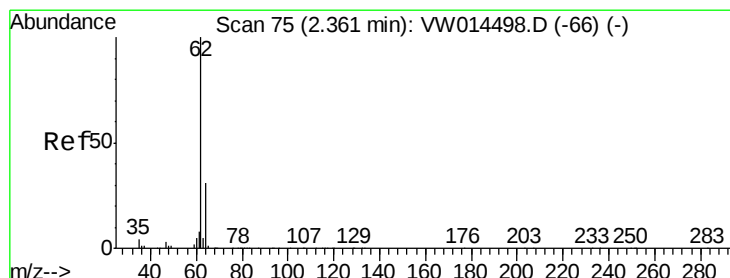
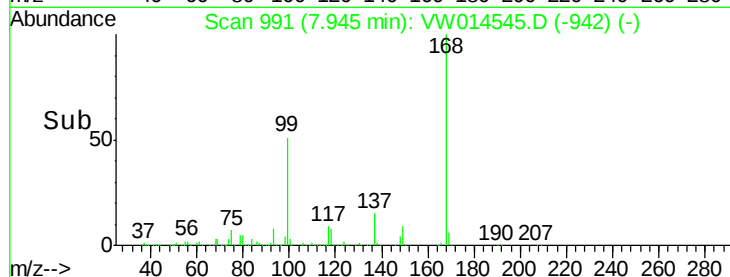
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#4

Vinyl Chloride

Concen: 8.412 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014545.D

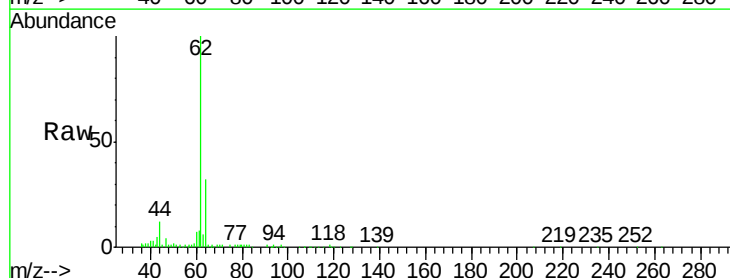
Acq: 07 Jan 2020 14:16

Tgt Ion: 62 Resp: 51342

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

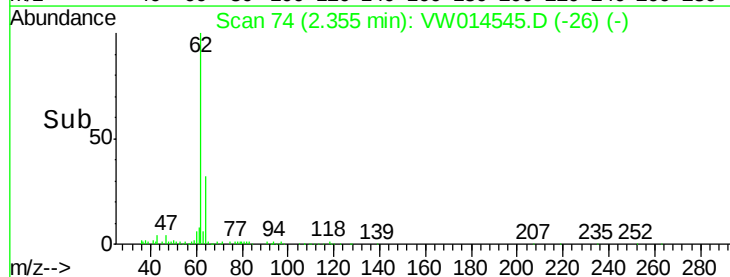
30000

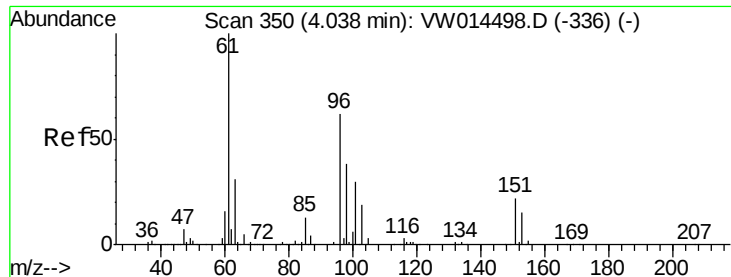
20000

10000

0

Time--> 2.25 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 1.998 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.01 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

WP022SB455_191227-24-25

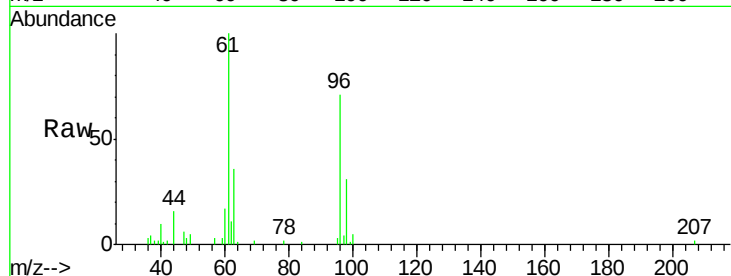
Tgt Ion: 96 Resp: 11936

Ion Ratio Lower Upper

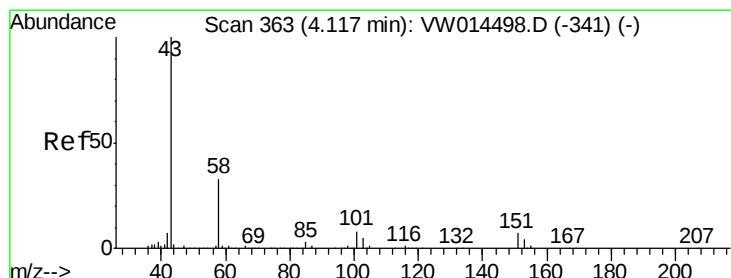
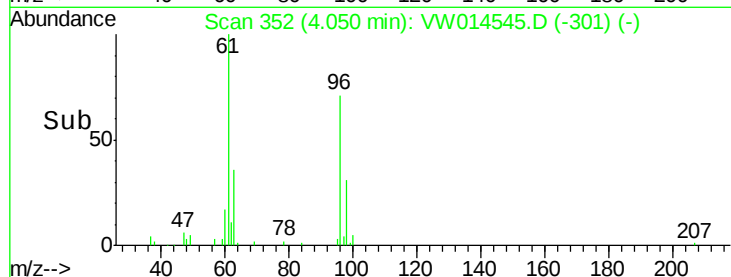
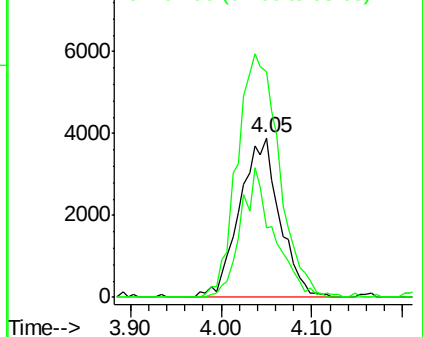
96 100

61 141.7 128.4 192.6

98 43.9 49.1 73.7#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 13.550 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014545.D

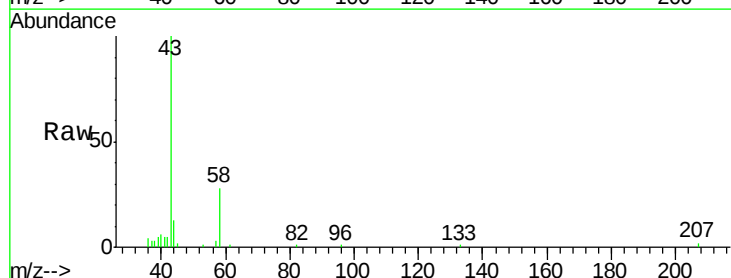
Acq: 07 Jan 2020 14:16

Tgt Ion: 43 Resp: 20084

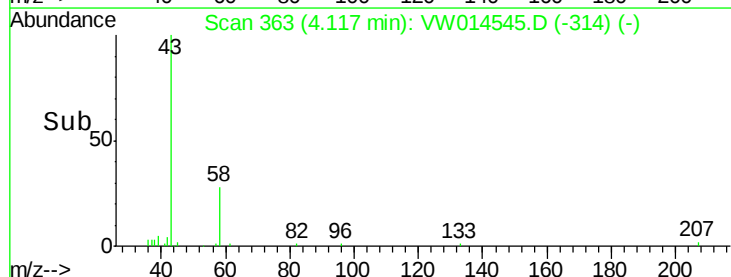
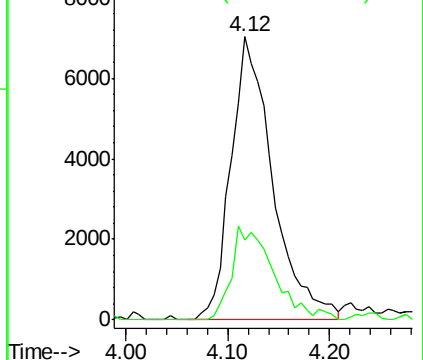
Ion Ratio Lower Upper

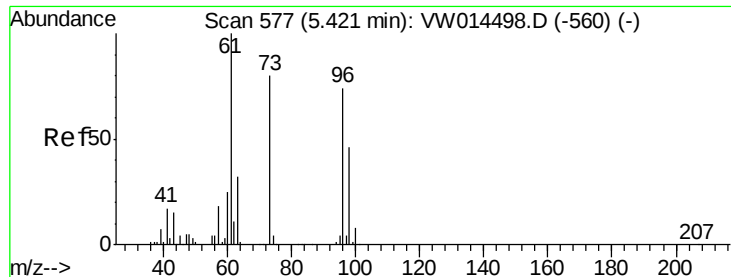
43 100

58 28.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#21

trans-1,2-Dichloroethene

Concen: 1.418 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

WP022SB455_191227-24-25

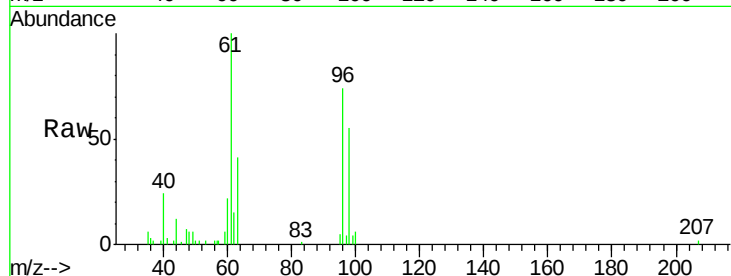
Tgt Ion: 96 Resp: 8994

Ion Ratio Lower Upper

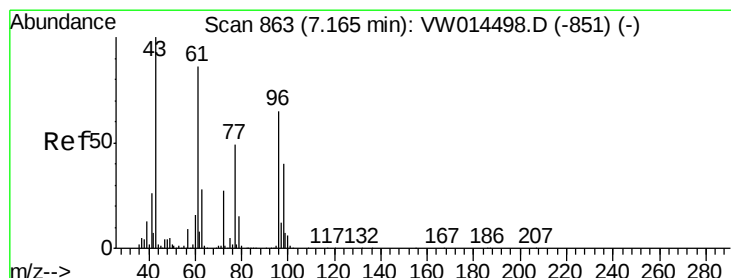
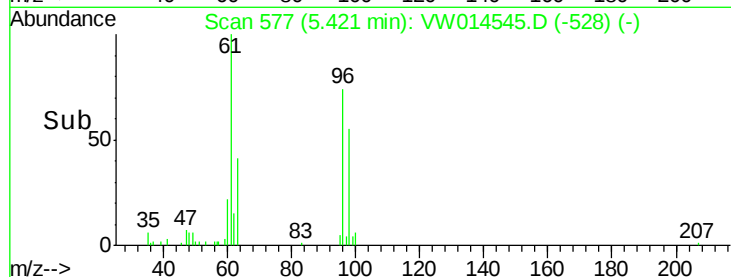
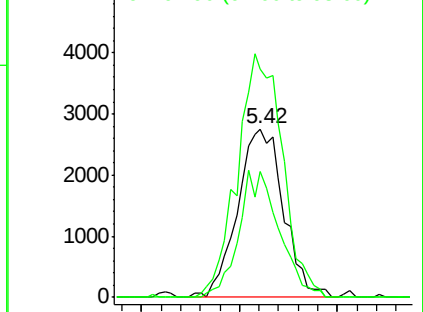
96 100

61 135.1 107.8 161.6

98 74.7 49.4 74.0#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#27

cis-1,2-Dichloroethene

Concen: 54.624 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

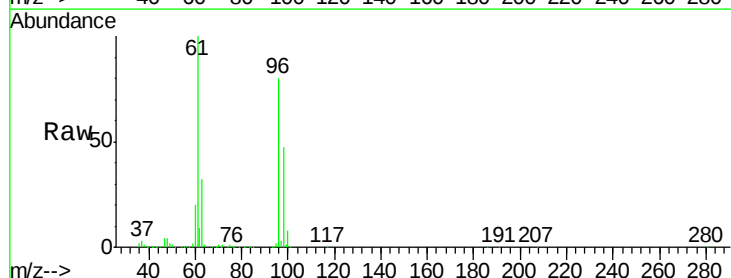
Tgt Ion: 96 Resp: 364138

Ion Ratio Lower Upper

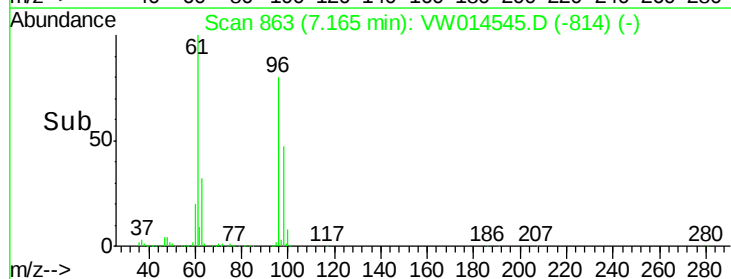
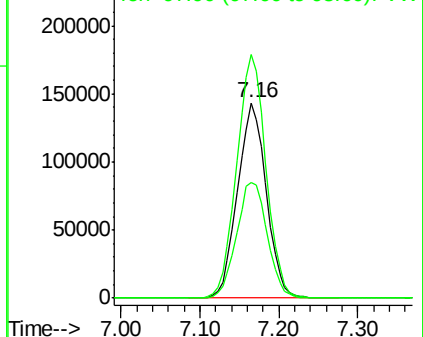
96 100

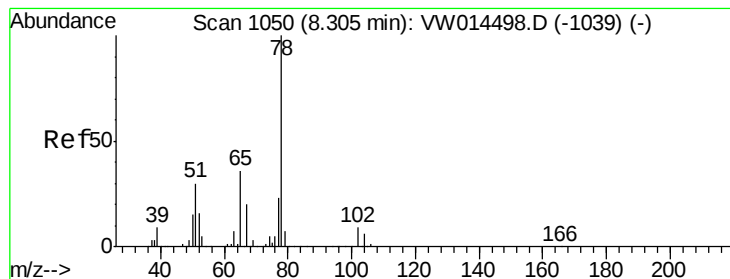
61 126.6 0.0 274.8

98 63.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW





#33

1,2-Dichloroethane-d4

Concen: 50.834 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

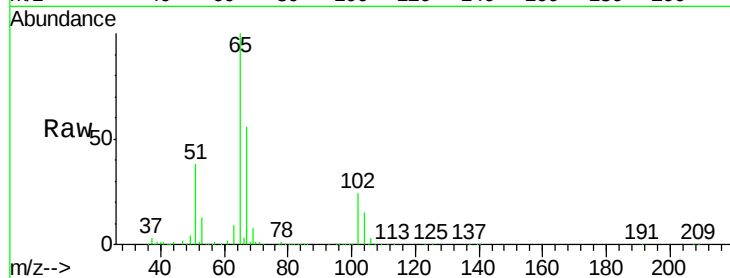
WP022SB455_191227-24-25

Tgt Ion: 65 Resp: 266851

Ion Ratio Lower Upper

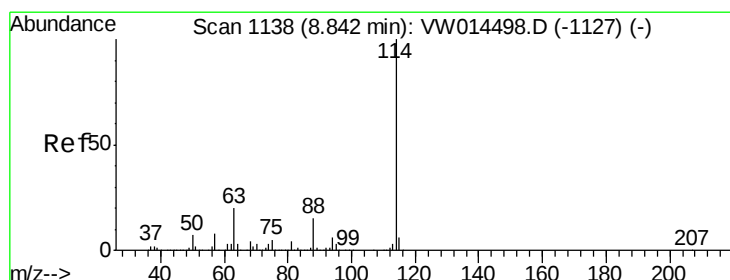
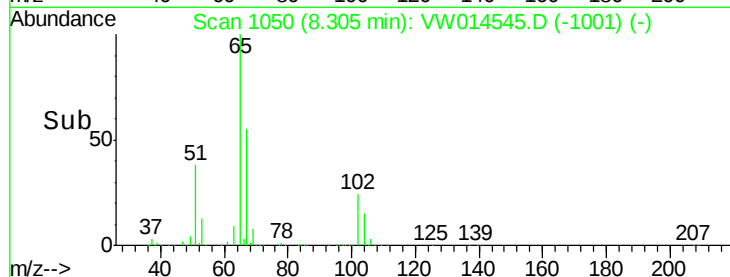
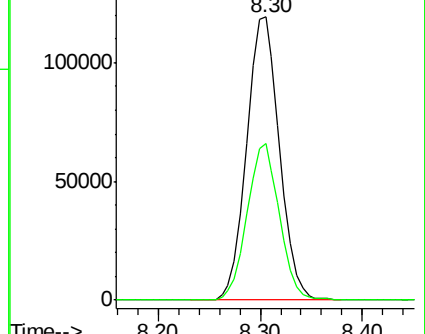
65 100

67 54.3 0.0 108.4



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

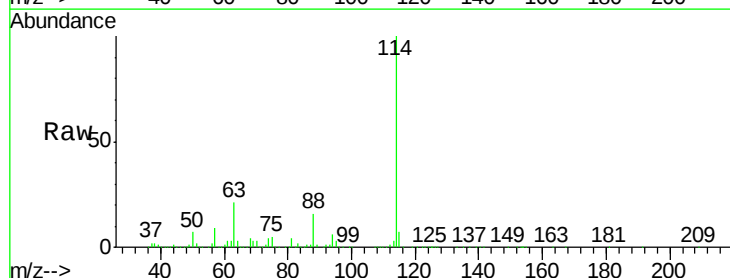
Tgt Ion: 114 Resp: 952066

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

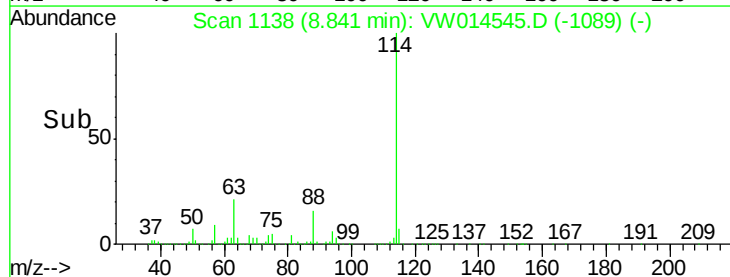
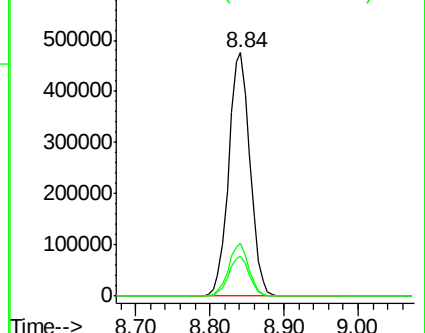
88 16.4 0.0 30.6

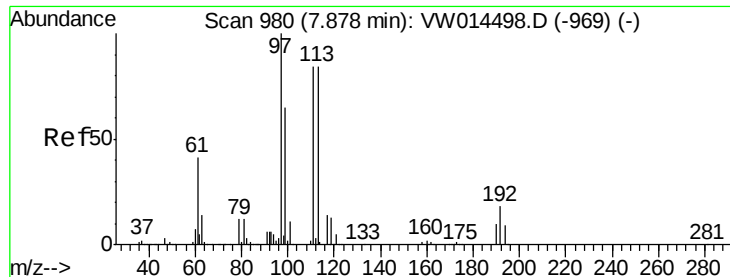


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 47.971 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

WP022SB455_191227-24-25

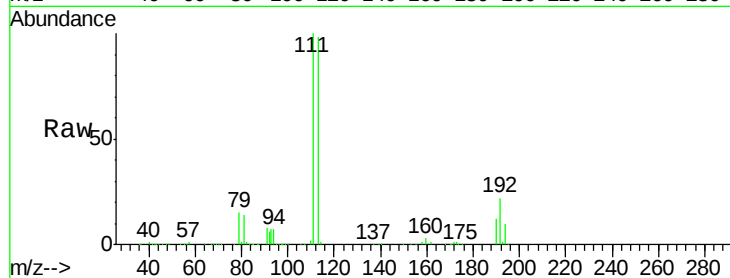
Tgt Ion:113 Resp: 261022

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

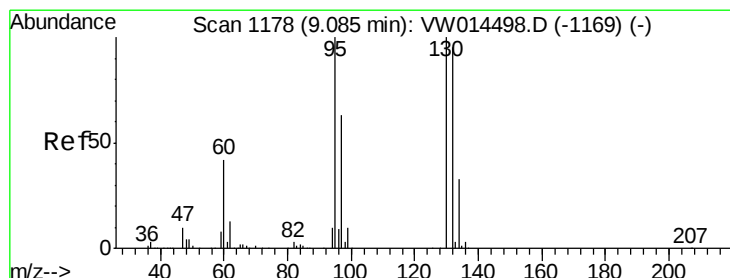
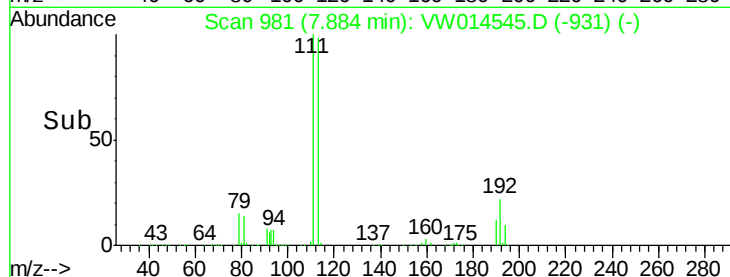
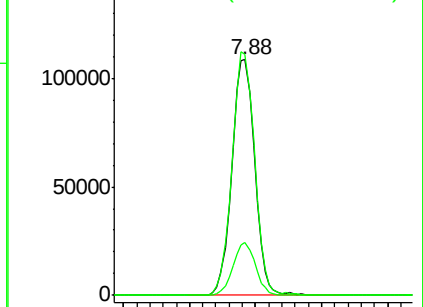
192 22.1 17.8 26.8



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



#44

Trichloroethene

Concen: 33.600 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014545.D

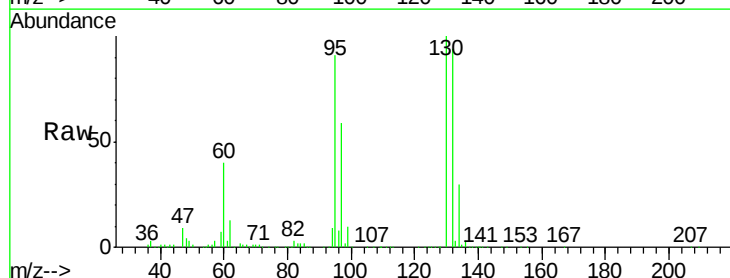
Acq: 07 Jan 2020 14:16

Tgt Ion:130 Resp: 236105

Ion Ratio Lower Upper

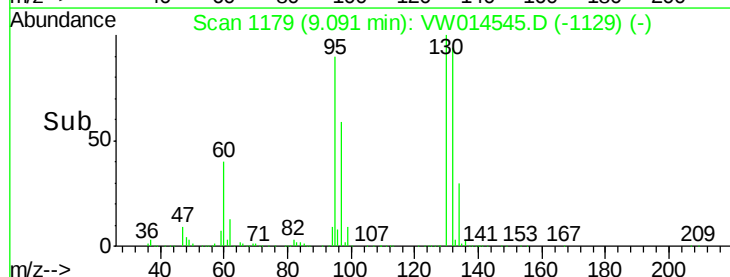
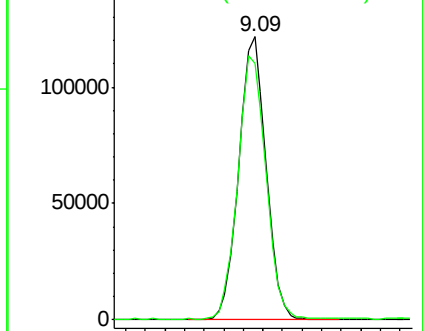
130 100

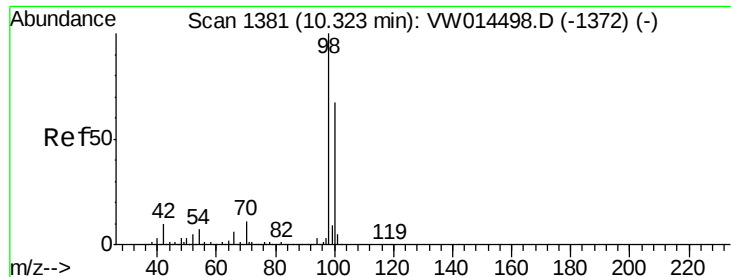
95 90.2 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 46.706 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

Instrument :

MSVOA_W

ClientSampleId :

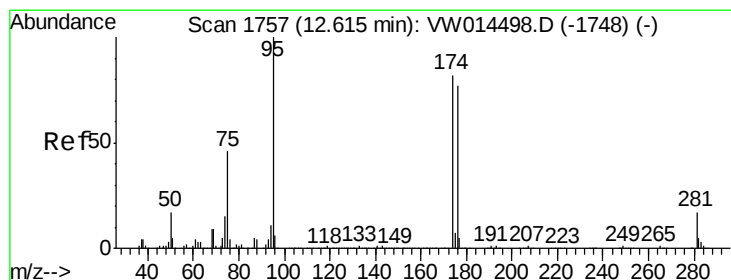
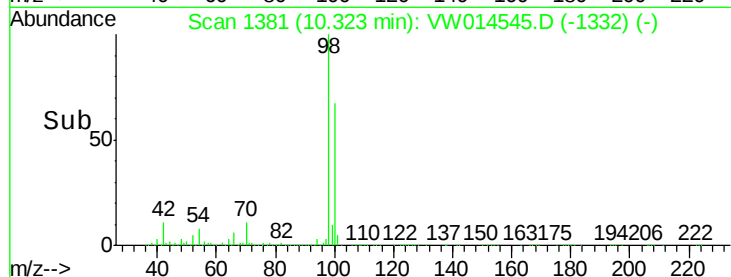
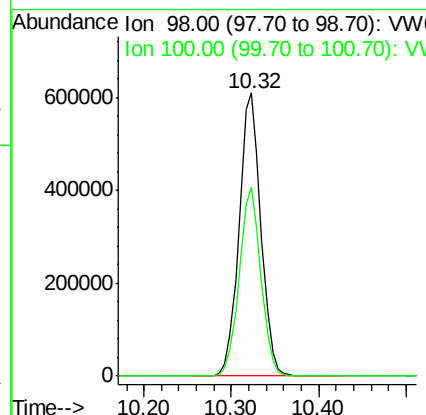
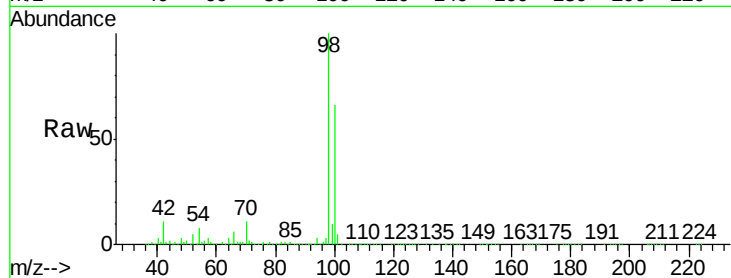
WP022SB455_191227-24-25

Tgt Ion: 98 Resp: 1060578

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 41.660 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014545.D

Acq: 07 Jan 2020 14:16

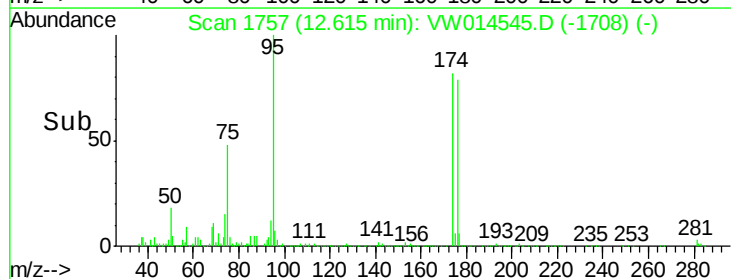
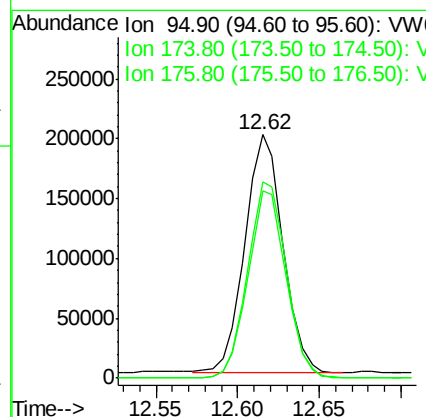
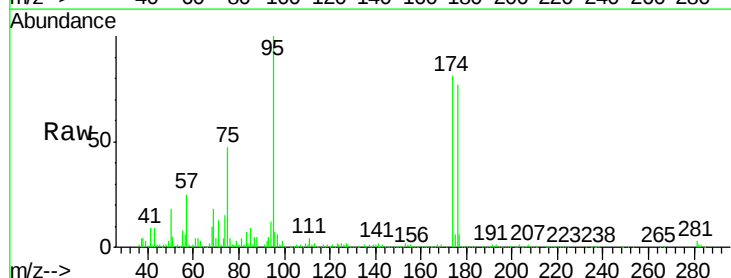
Tgt Ion: 95 Resp: 320869

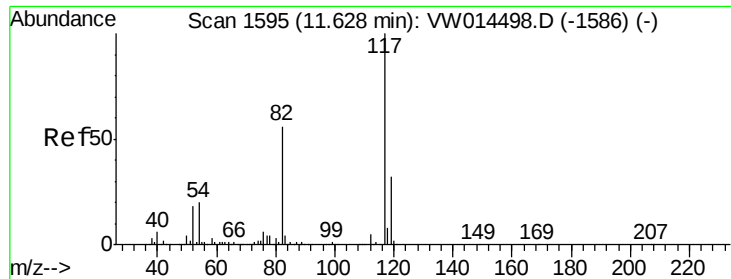
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.6

176 79.5 0.0 162.0

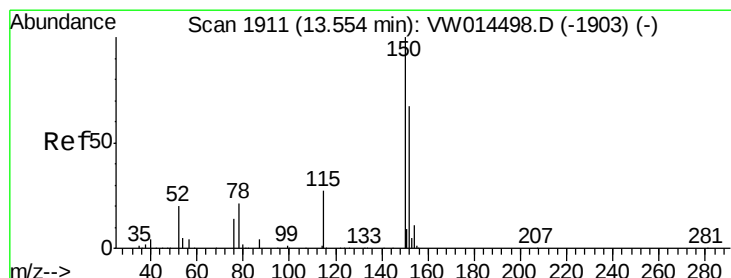
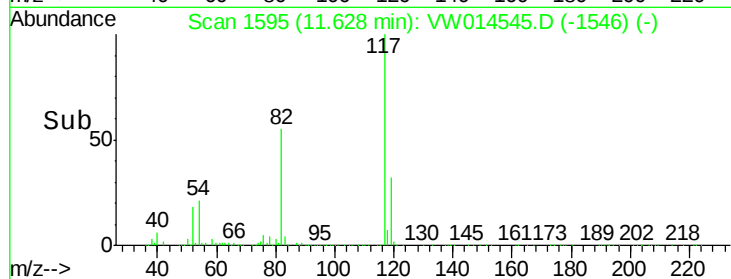
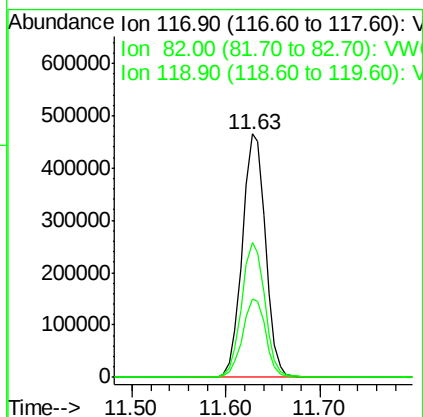
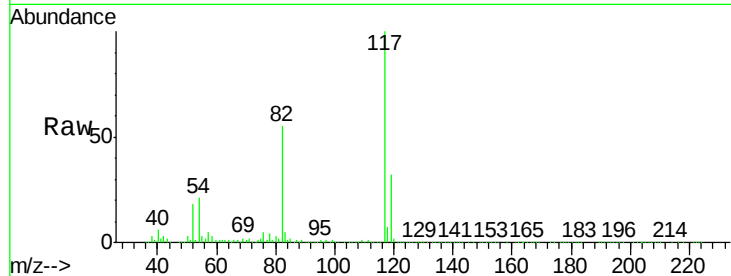




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014545.D
Acq: 07 Jan 2020 14:16

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-24-25

Tgt Ion:117 Resp: 799140
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014545.D
Acq: 07 Jan 2020 14:16

Tgt Ion:152 Resp: 315071
Ion Ratio Lower Upper
152 100
115 57.1 27.7 83.1
150 155.1 0.0 343.4

