

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014753.D
 Acq On : 24 Jan 2020 19:09
 Operator : SY/VA
 Sample : L1247-01
 Misc : 7.37G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4-5

Quant Time: Jan 25 06:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

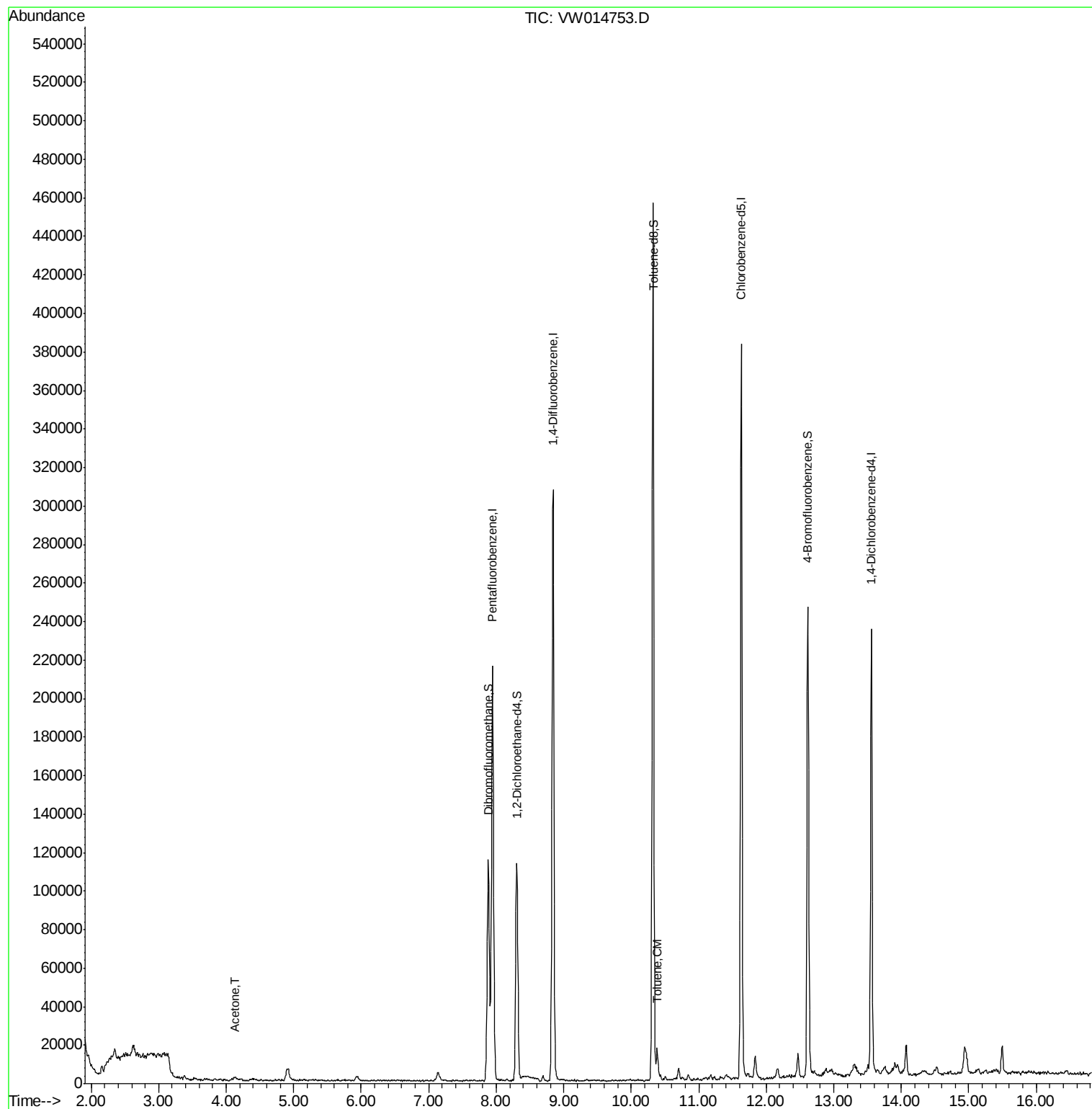
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	255960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	219908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	63814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92003	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
35) Dibromofluoromethane	7.88	113	84239	56.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.08%	
50) Toluene-d8	10.32	98	306253	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	81747	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
Target Compounds						
16) Acetone	4.13	43	3823	9.480	ug/l	92
52) Toluene	10.39	92	6587	1.489	ug/l	100

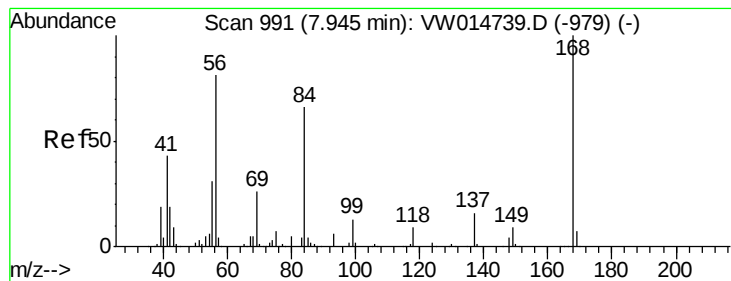
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

Instrument :

MSVOA_W

ClientSampled :

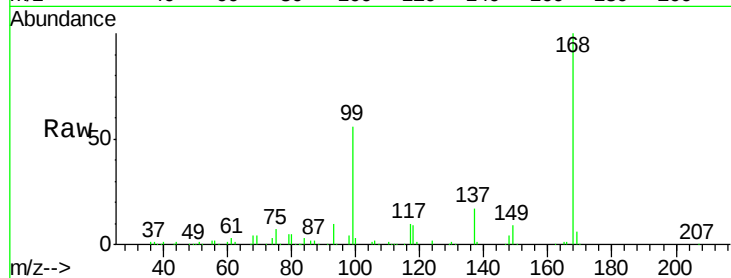
TP-4-5

Tot Ion:168 Resp: 166594

Ion Ratio Lower Upper

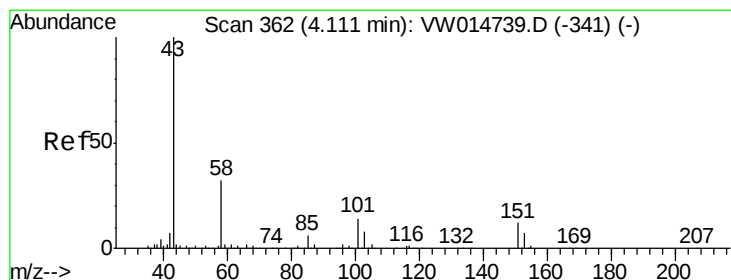
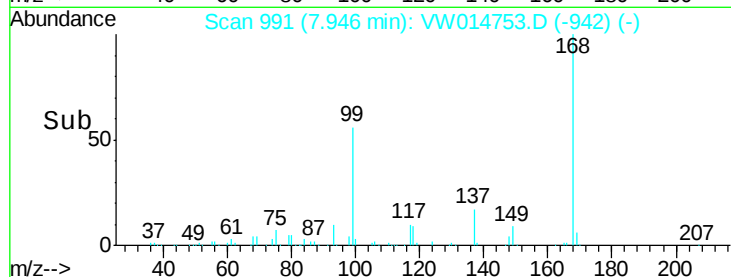
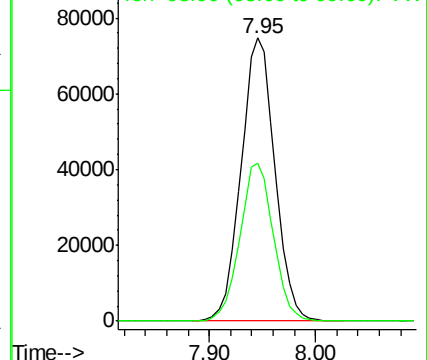
168 100

99 55.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.480 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.02 min

Lab File: VW014753.D

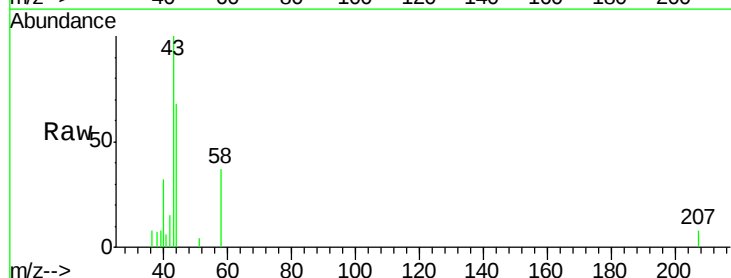
Acq: 24 Jan 2020 19:09

Tgt Ion: 43 Resp: 3823

Ion Ratio Lower Upper

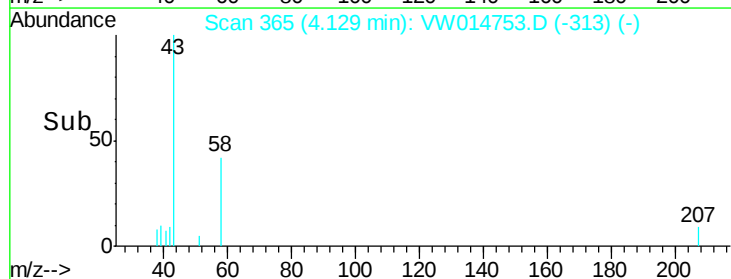
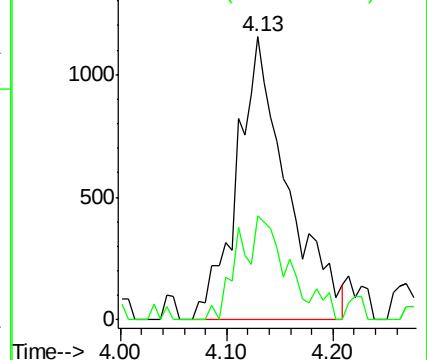
43 100

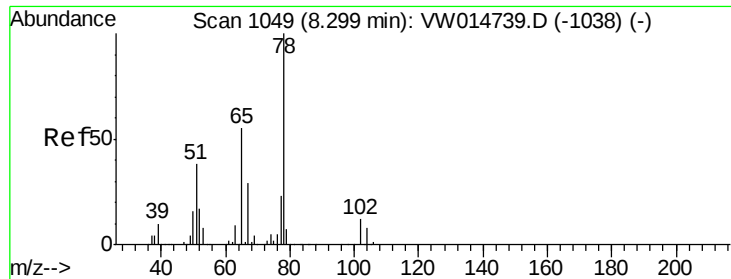
58 36.6 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.340 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

Instrument :

MSVOA_W

ClientSampleId :

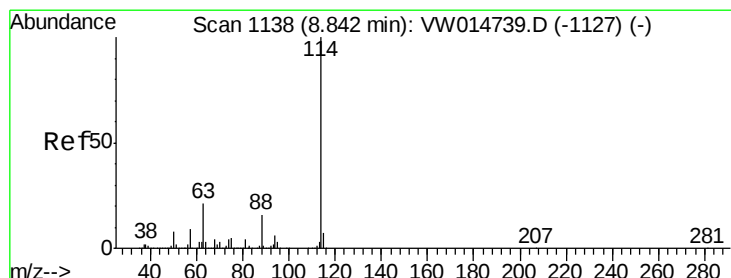
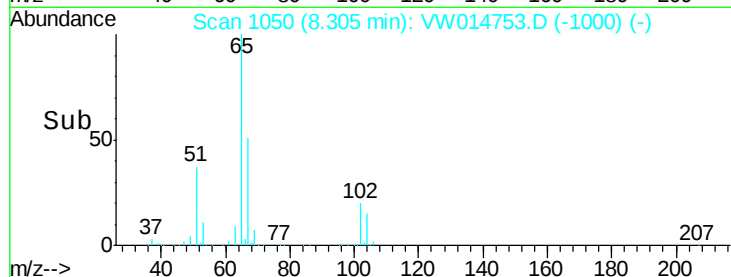
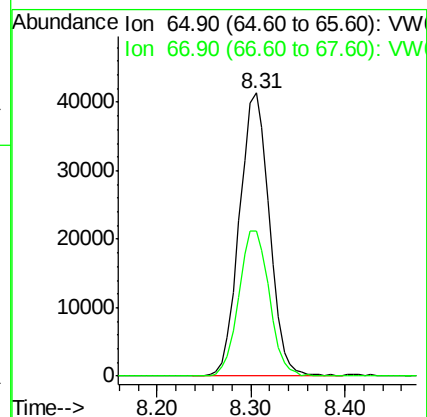
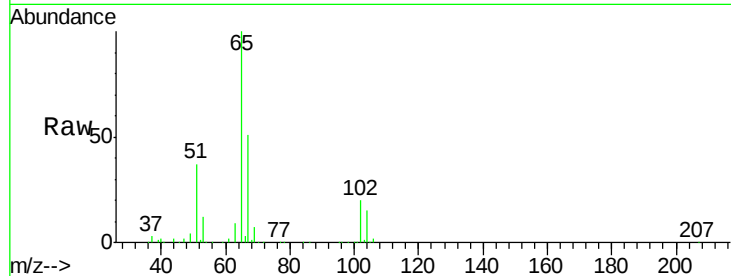
TP-4-5

Tot Ion: 65 Resp: 92003

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

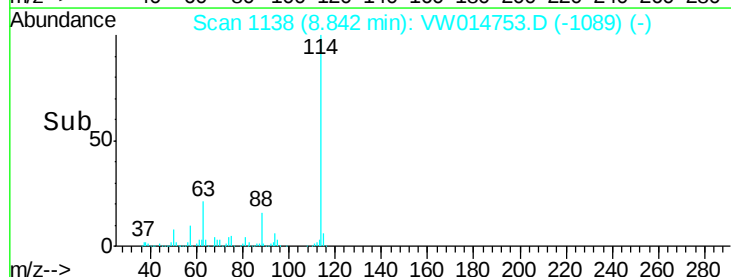
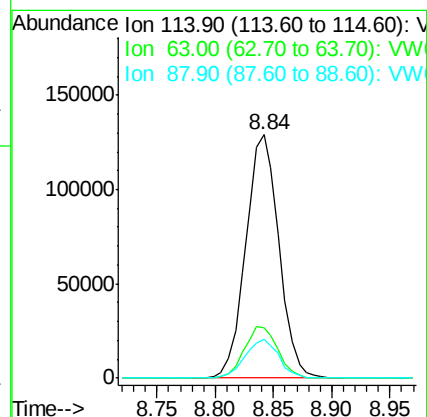
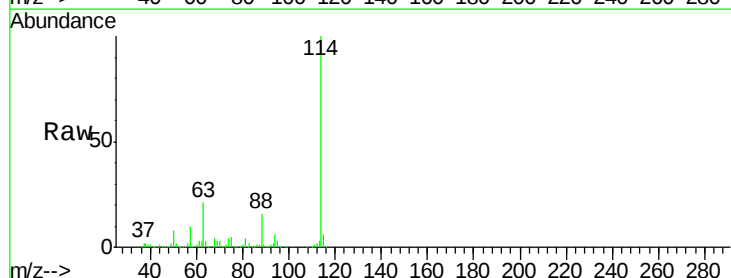
Tgt Ion: 114 Resp: 255960

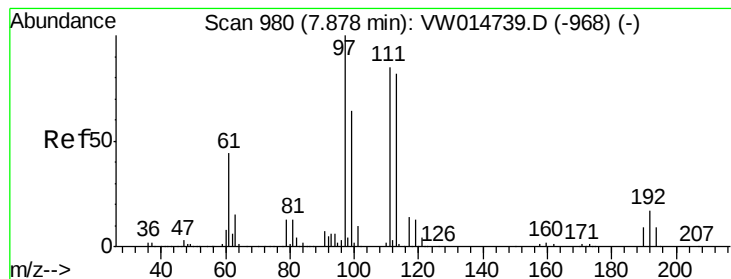
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 56.538 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

Instrument :

MSVOA_W

ClientSampleId :

TP-4-5

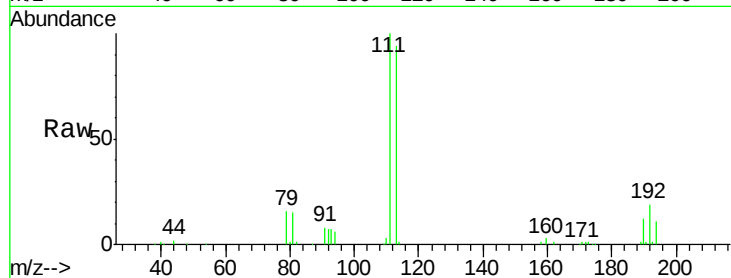
Tot Ion:113 Resp: 84239

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

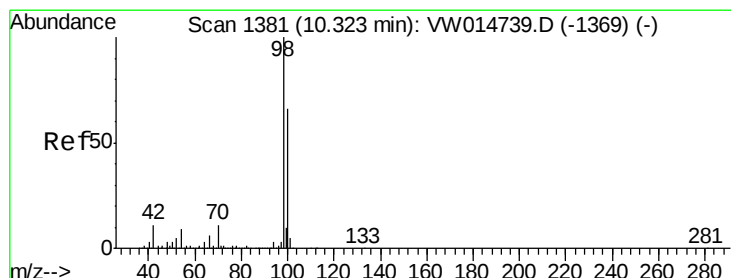
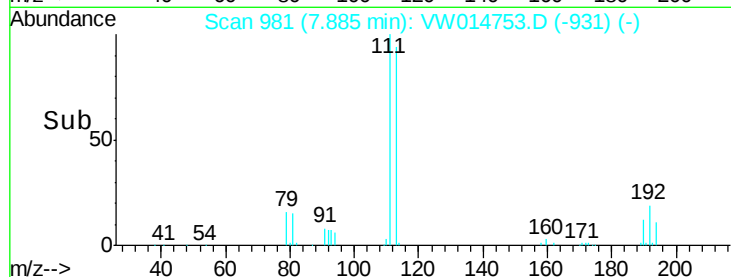
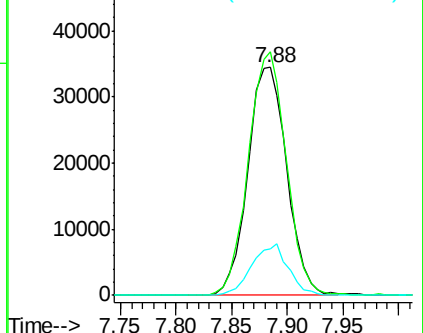
192 21.1 17.0 25.6



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



#50

Toluene-d8

Concen: 49.849 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014753.D

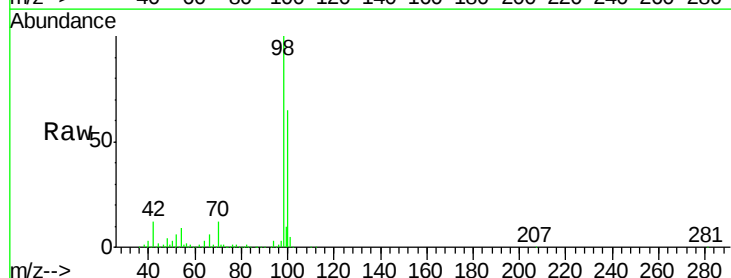
Acq: 24 Jan 2020 19:09

Tgt Ion: 98 Resp: 306253

Ion Ratio Lower Upper

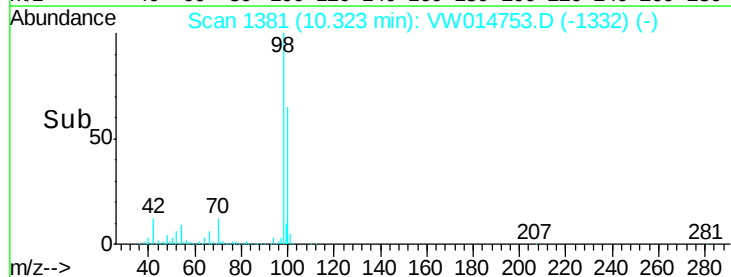
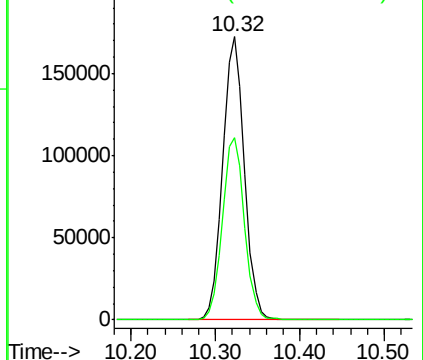
98 100

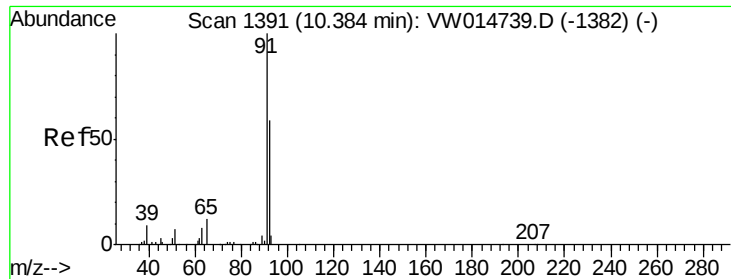
100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.489 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

Instrument :

MSVOA_W

ClientSampleId :

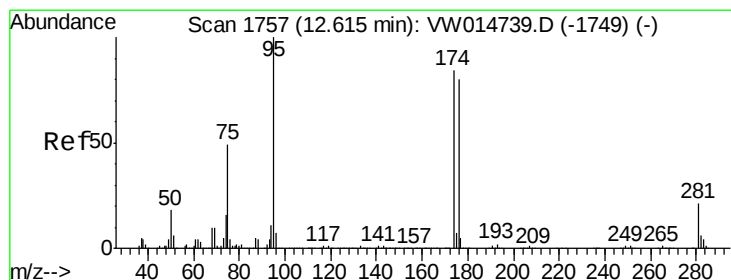
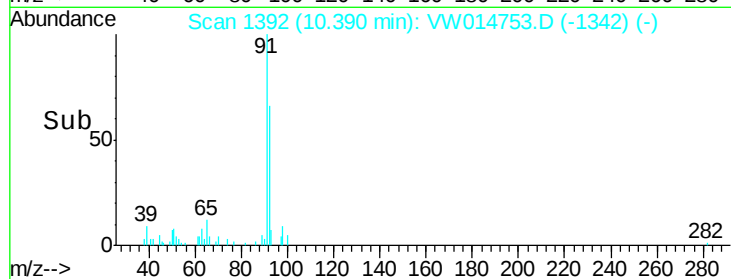
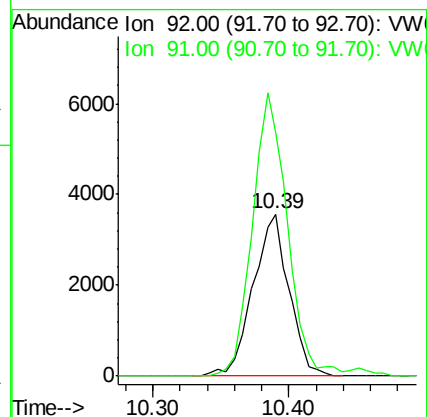
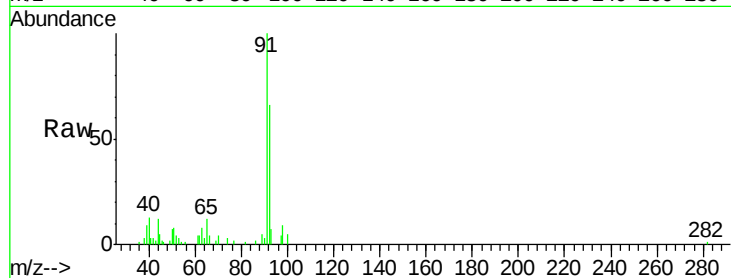
TP-4-5

Tot Ion: 92 Resp: 6587

Ion Ratio Lower Upper

92 100

91 170.4 135.8 203.8



#62

4-Bromofluorobenzene

Concen: 39.797 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014753.D

Acq: 24 Jan 2020 19:09

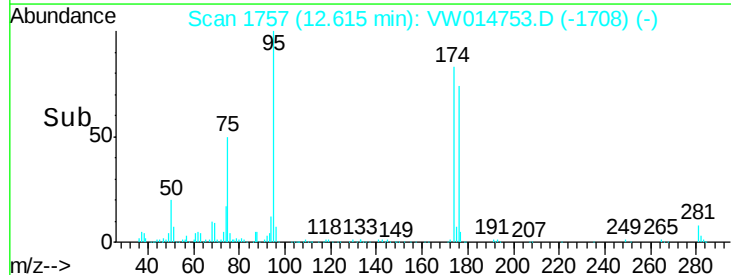
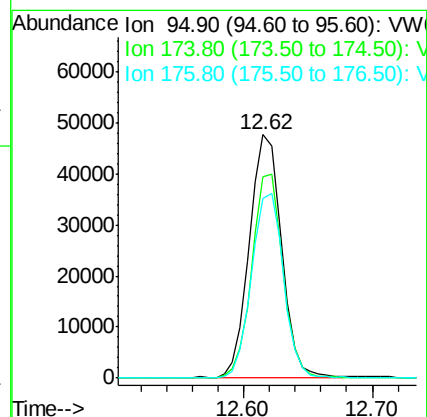
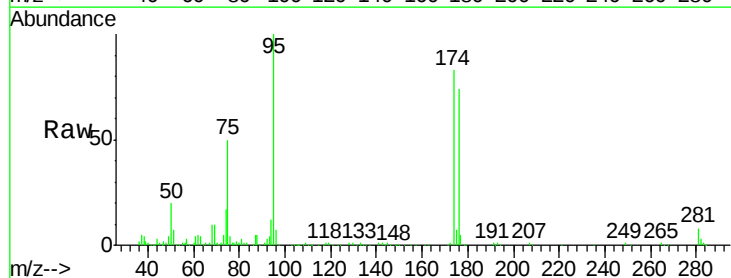
Tgt Ion: 95 Resp: 81747

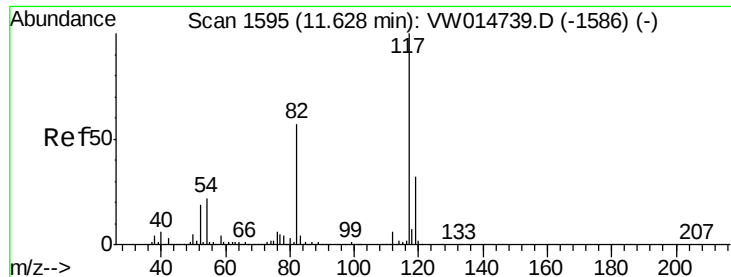
Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.0

176 75.6 0.0 159.2

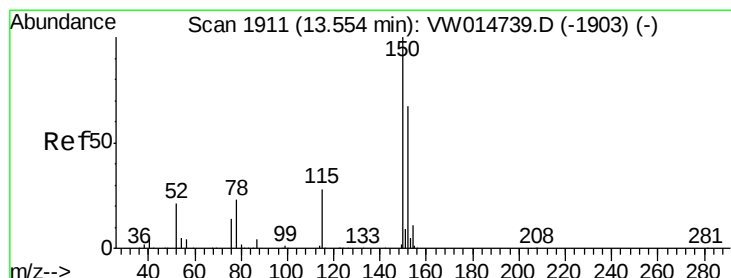
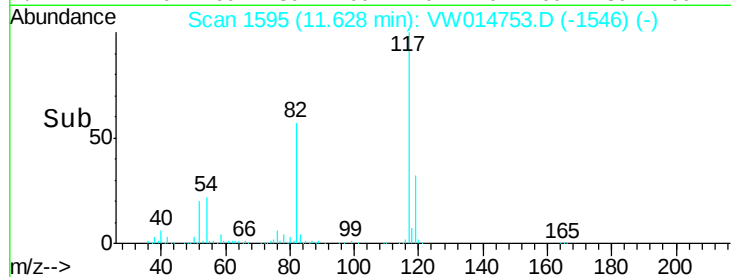
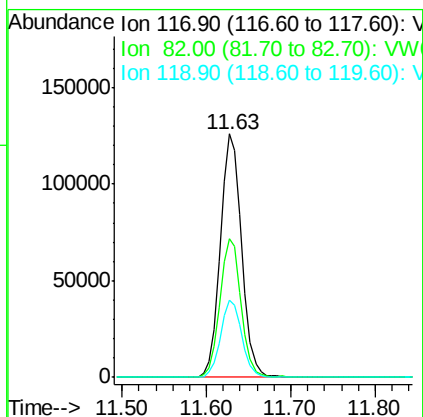
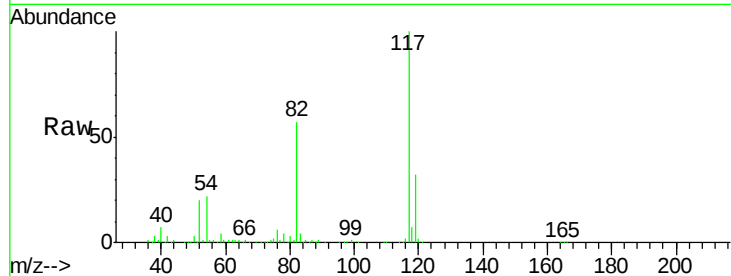




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014753.D
Acq: 24 Jan 2020 19:09

Instrument :
MSVOA_W
ClientSampleId :
TP-4-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.9	68.9
119	31.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014753.D
Acq: 24 Jan 2020 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.0	87.1
150	161.1	0.0	354.0

