

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007817.D
 Acq On : 22 Dec 2018 01:02
 Operator : SY/AP
 Sample : J6386-18RE
 Misc : 6.6G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-1824-01RE

Quant Time: Dec 22 03:15:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

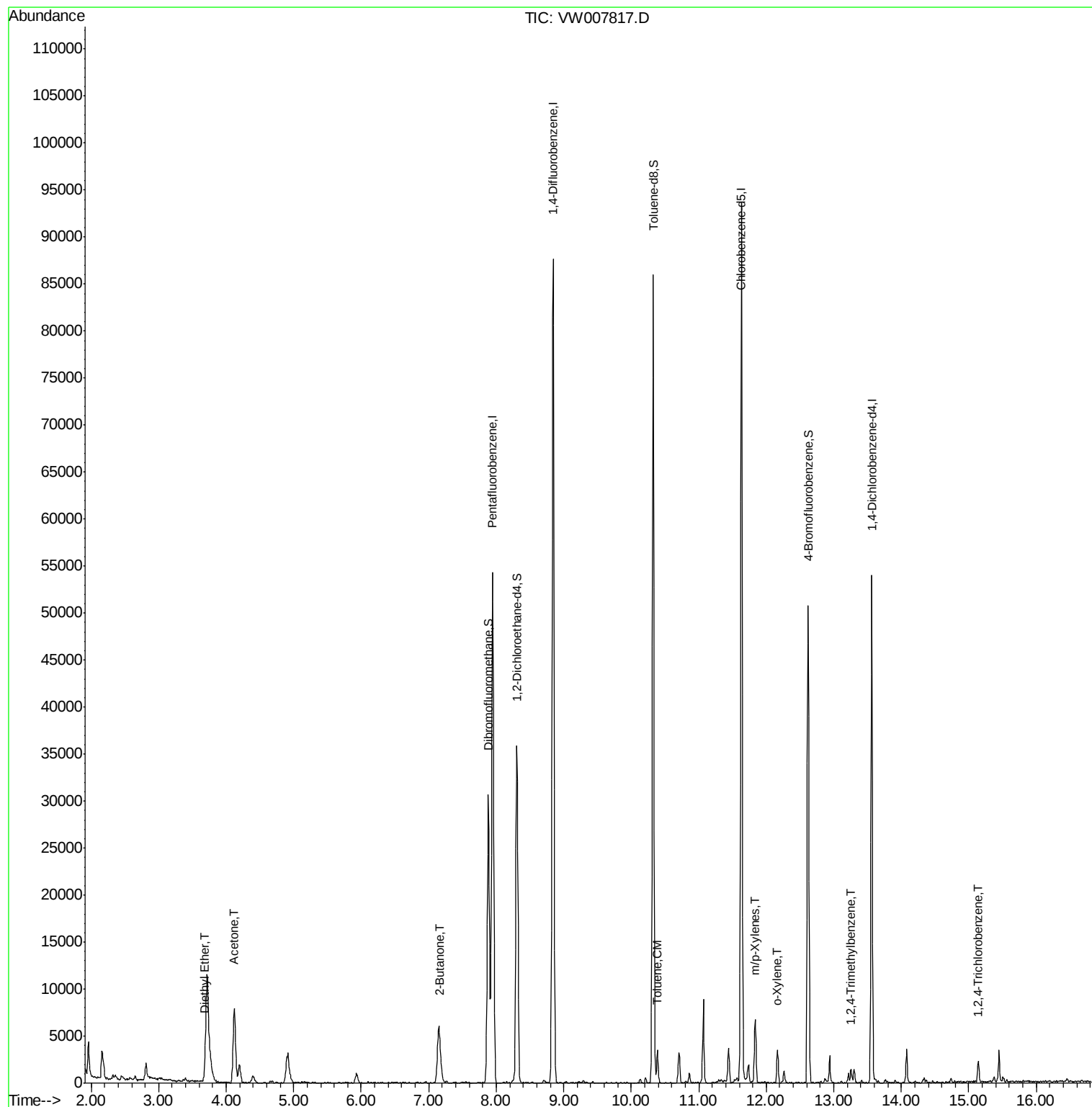
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	40422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29583	66.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.54%	
35) Dibromofluoromethane	7.88	113	22560	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.32	98	57619	32.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.46%	
62) 4-Bromofluorobenzene	12.62	95	16374	23.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.42%	
Target Compounds						
8) Diethyl Ether	3.68	74	320	1.787	ug/l	81
16) Acetone	4.12	43	13691	165.023	ug/l	97
25) 2-Butanone	7.17	43	2672	27.497	ug/l	98
52) Toluene	10.38	92	1822	1.357	ug/l	92
68) m/p-Xylenes	11.84	106	2041	2.675	ug/l	99
69) o-Xylene	12.16	106	1007	1.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1126	1.182	ug/l	93
93) 1,2,4-Trichlorobenzene	15.14	180	815	2.632	ug/l	99

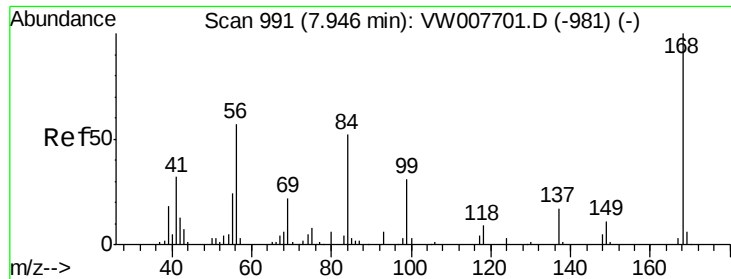
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122318\
Data File : VW007817.D
Acq On : 22 Dec 2018 01:02
Operator : SY/AP
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Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-1824-01RE

Quant Time: Dec 22 03:15:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007817.D

Acq: 22 Dec 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

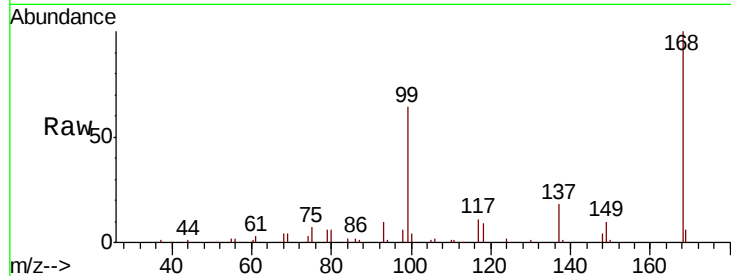
P001-SS007-1824-01RE

Tot Ion:168 Resp: 40422

Ion Ratio Lower Upper

168 100

99 64.2 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

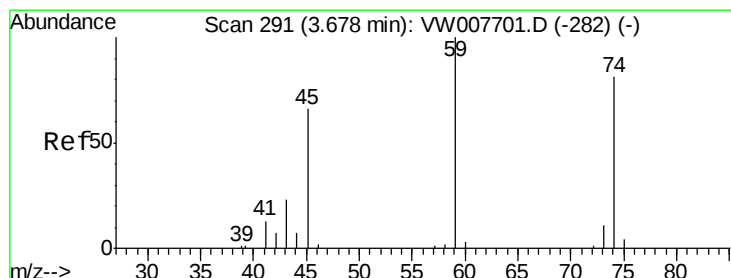
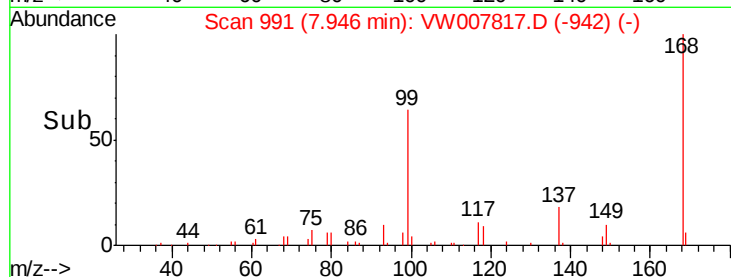
10000

5000

0

7.85 7.90 7.95 8.00

Time-->



#8

Diethyl Ether

Concen: 1.787 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007817.D

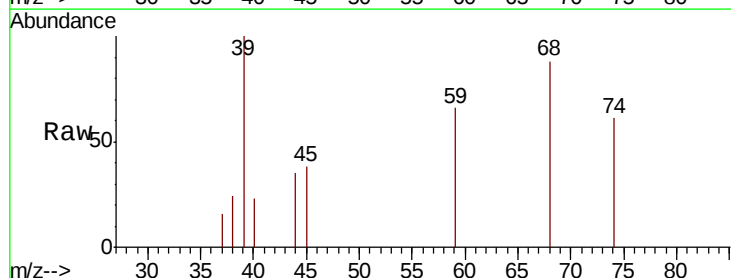
Acq: 22 Dec 2018 01:02

Tgt Ion: 74 Resp: 320

Ion Ratio Lower Upper

74 100

45 62.5 39.4 118.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

250

200

150

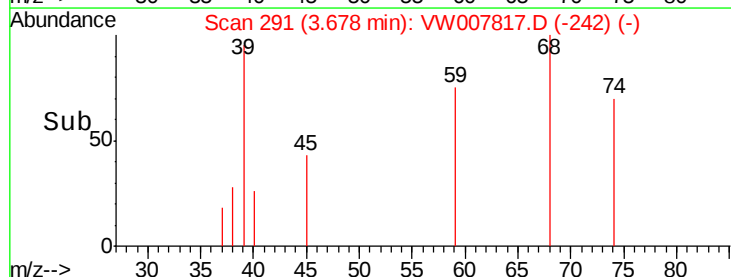
100

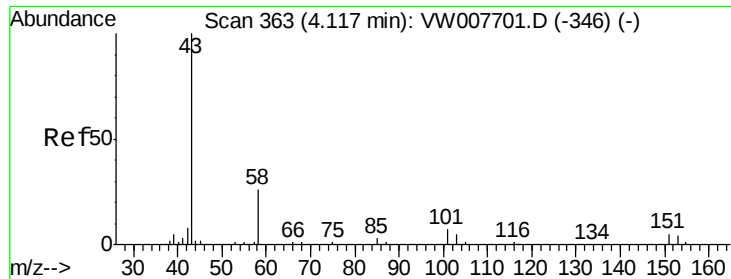
50

0

3.65 3.70

Time-->





#16

Acetone

Concen: 165.023 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007817.D

Acq: 22 Dec 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

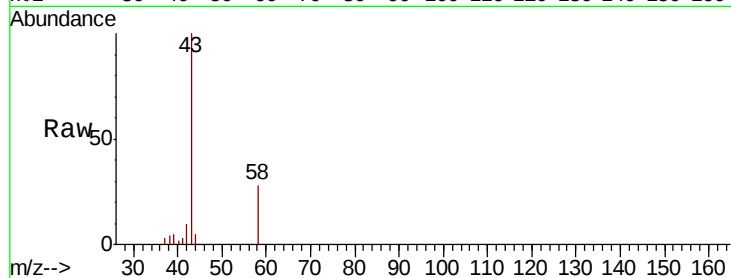
P001-SS007-1824-01RE

Tot Ion: 43 Resp: 13691

Ion Ratio Lower Upper

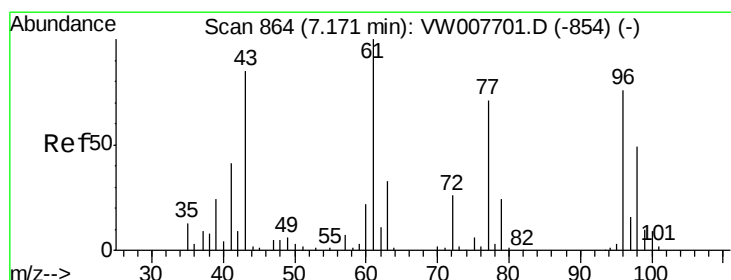
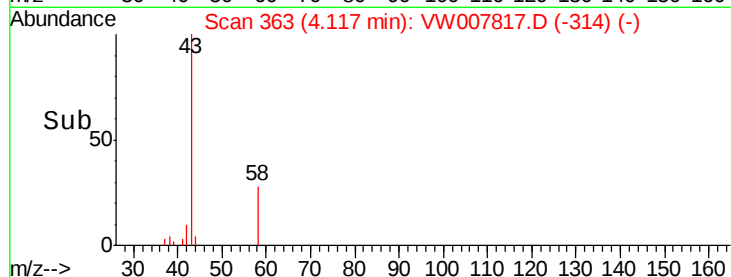
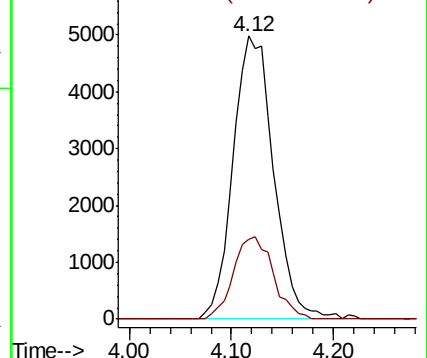
43 100

58 28.2 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 27.497 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007817.D

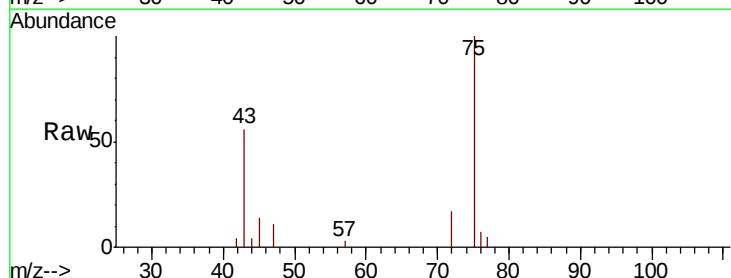
Acq: 22 Dec 2018 01:02

Tgt Ion: 43 Resp: 2672

Ion Ratio Lower Upper

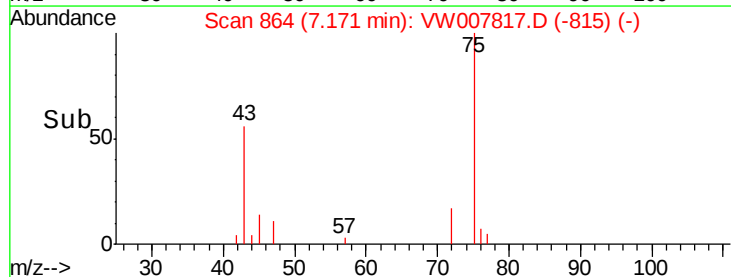
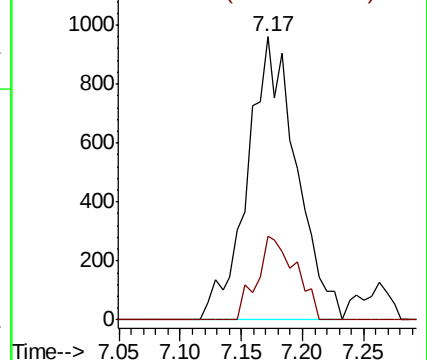
43 100

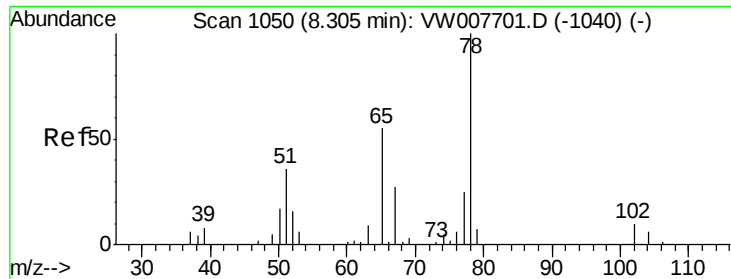
72 29.7 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

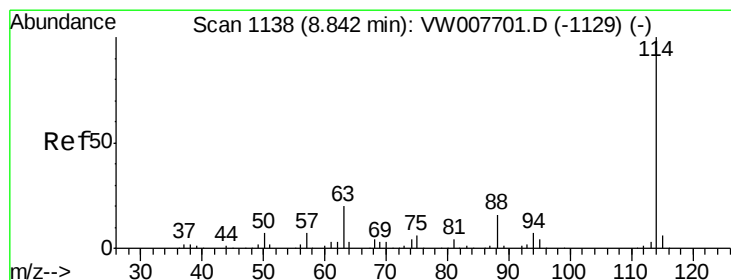
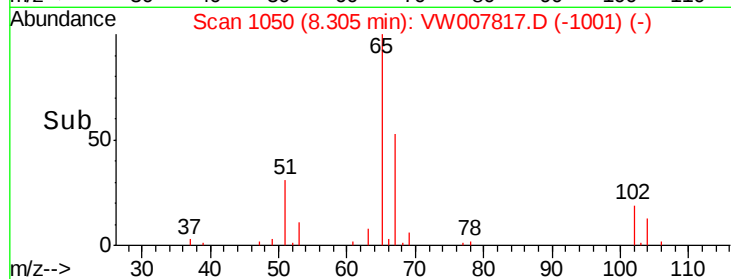
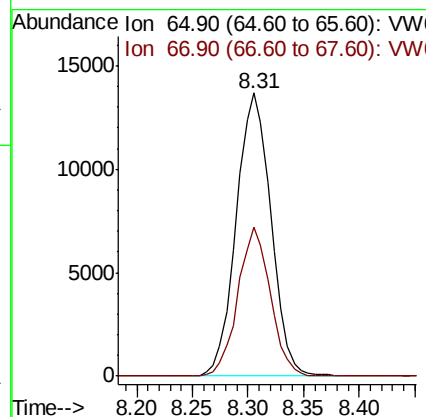
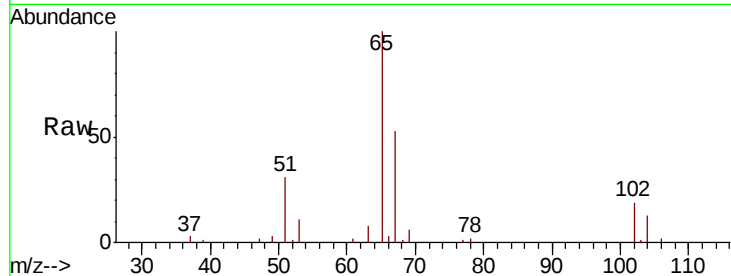




#33
 1,2-Dichloroethane-d4
 Concen: 66.772 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007817.D
 Acq: 22 Dec 2018 01:02

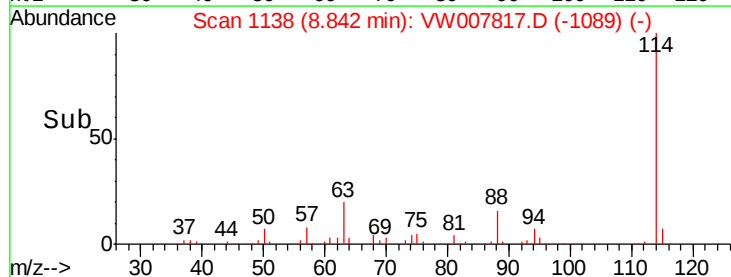
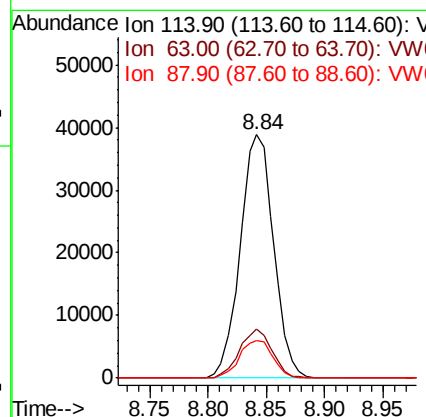
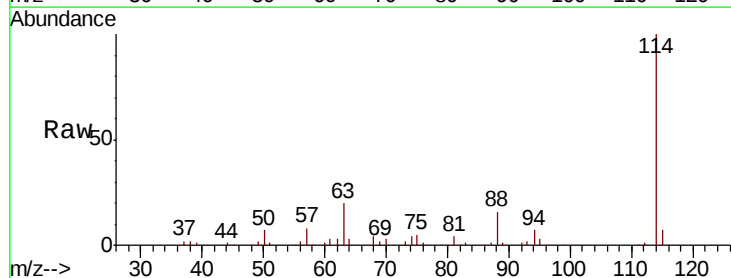
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-1824-01RE

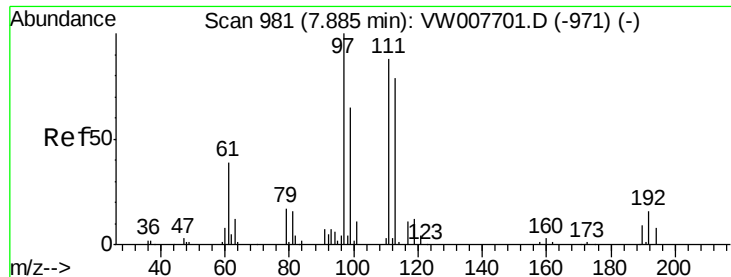
Tot Ion: 65 Resp: 29583
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007817.D
 Acq: 22 Dec 2018 01:02

Tgt Ion: 114 Resp: 77723
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.580 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007817.D

Acq: 22 Dec 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

P001-SS007-1824-01RE

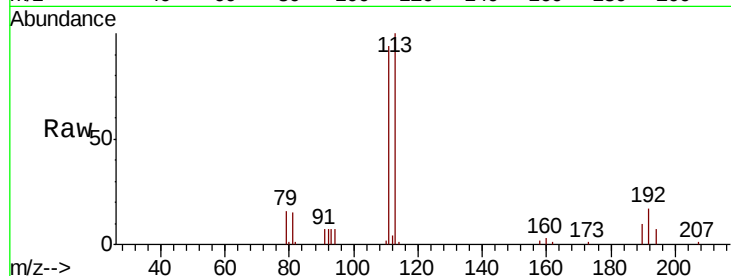
Tot Ion:113 Resp: 22560

Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

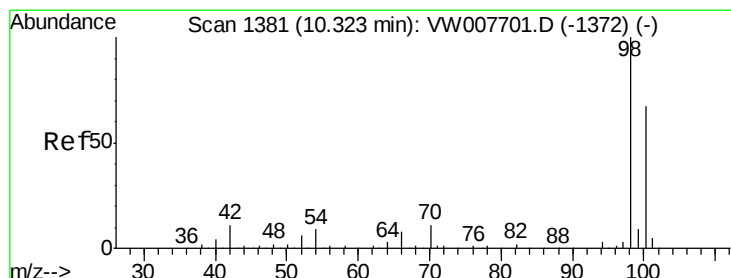
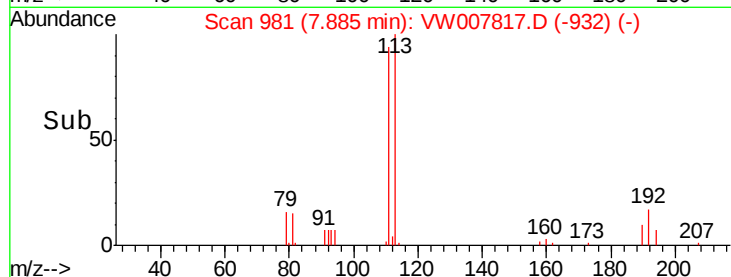
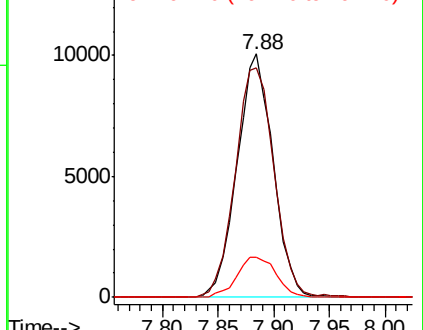
192 17.9 15.5 23.3



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: 32.235 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007817.D

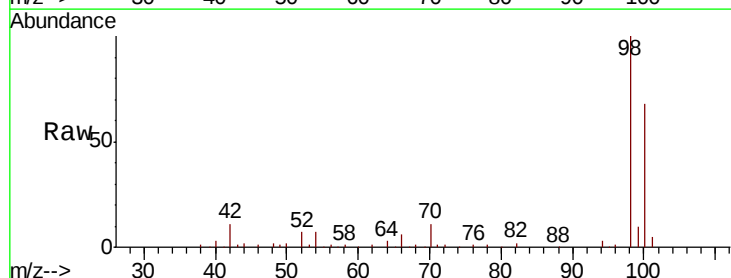
Acq: 22 Dec 2018 01:02

Tgt Ion: 98 Resp: 57619

Ion Ratio Lower Upper

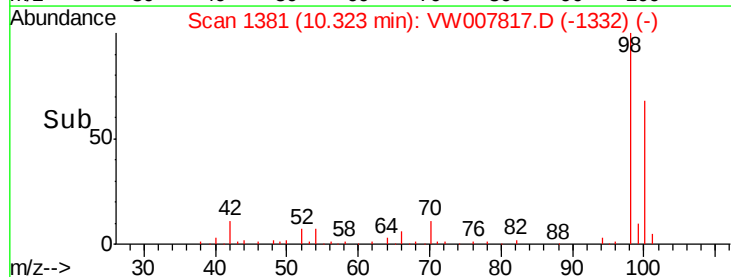
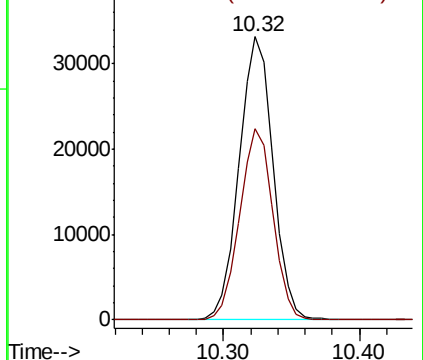
98 100

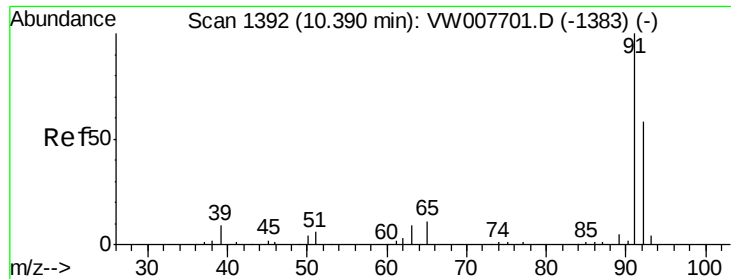
100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.357 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007817.D

Acq: 22 Dec 2018 01:02

Instrument :

MSVOA_W

ClientSampleId :

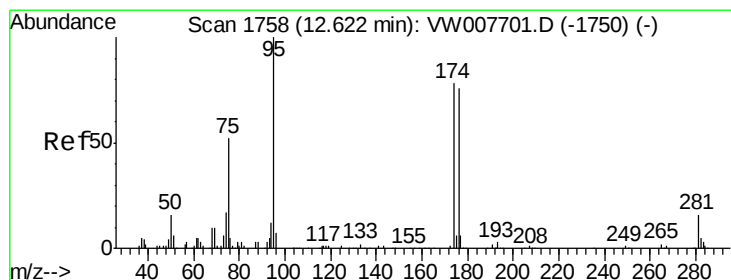
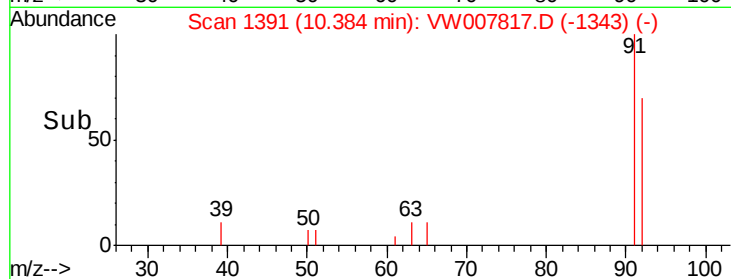
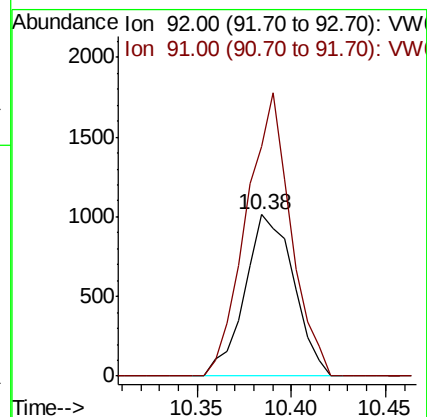
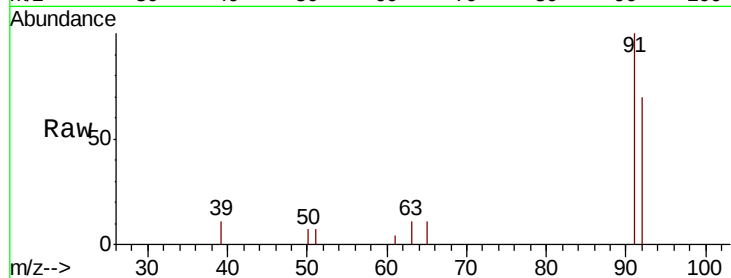
P001-SS007-1824-01RE

Tot Ion: 92 Resp: 1822

Ion Ratio Lower Upper

92 100

91 160.1 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 23.712 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007817.D

Acq: 22 Dec 2018 01:02

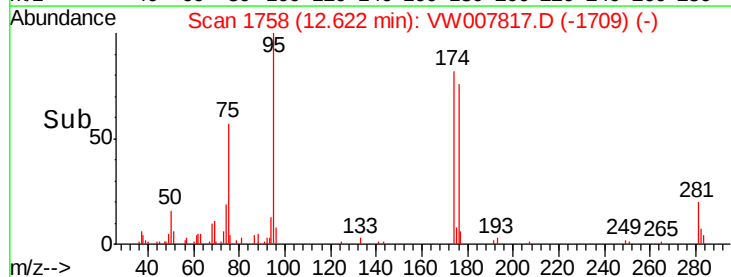
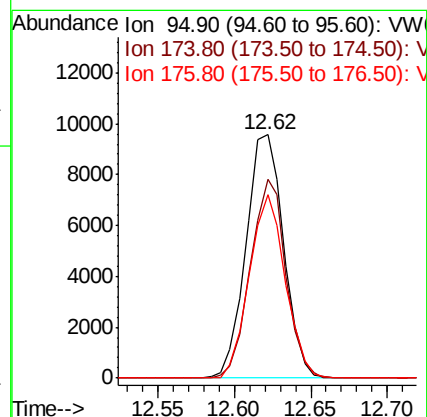
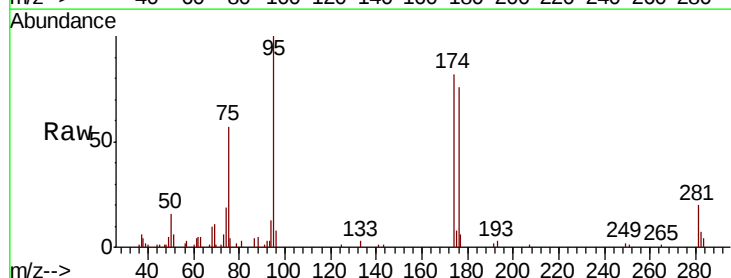
Tgt Ion: 95 Resp: 16374

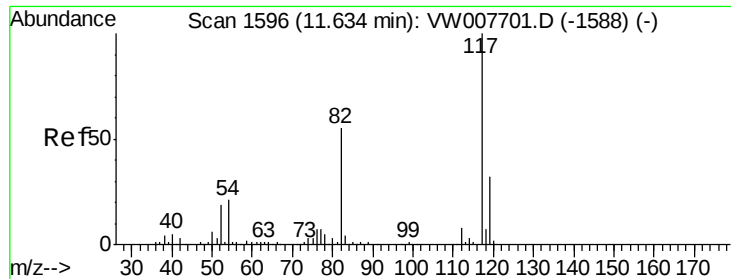
Ion Ratio Lower Upper

95 100

174 76.8 0.0 152.2

176 71.9 0.0 146.8

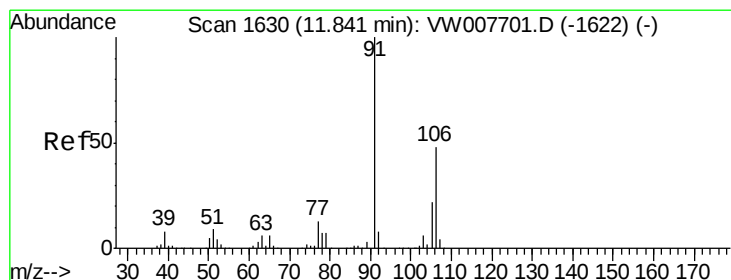
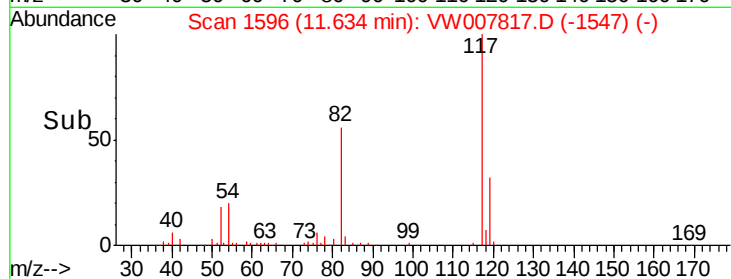
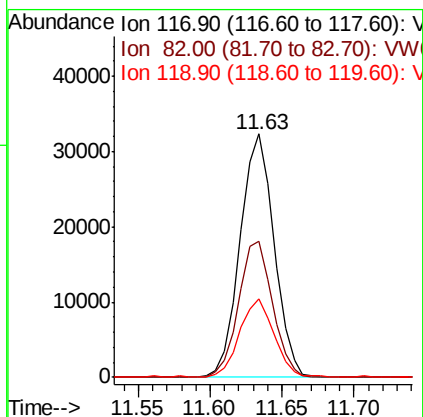
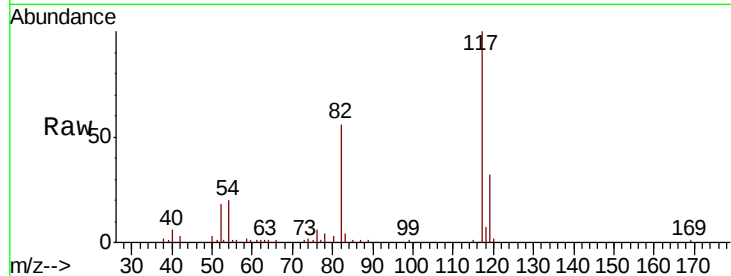




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007817.D
Acq: 22 Dec 2018 01:02

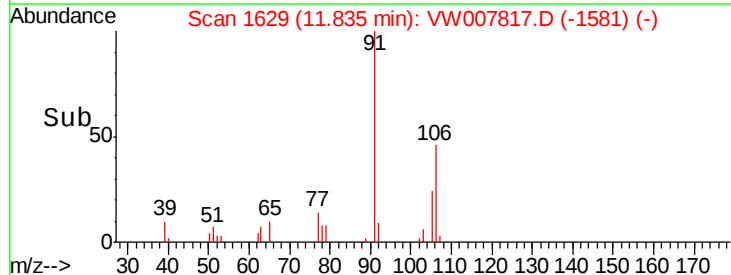
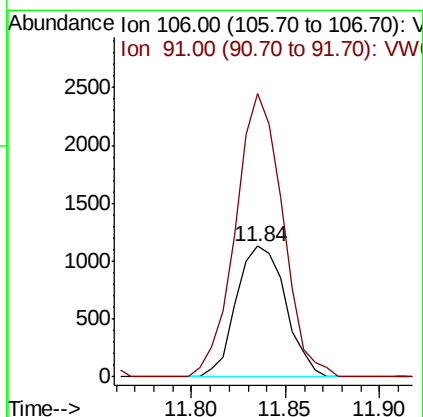
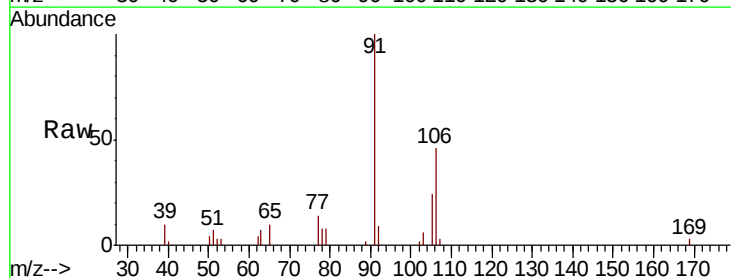
Instrument :
MSVOA_W
ClientSampleId :
P001-SS007-1824-01RE

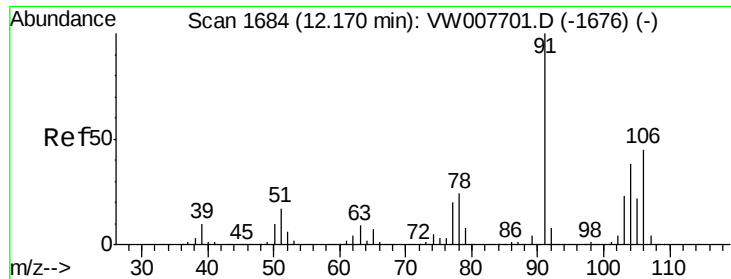
Tot Ion:117 Resp: 52957
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 2.675 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007817.D
Acq: 22 Dec 2018 01:02

Tgt Ion:106 Resp: 2041
Ion Ratio Lower Upper
106 100
91 208.1 165.2 247.8

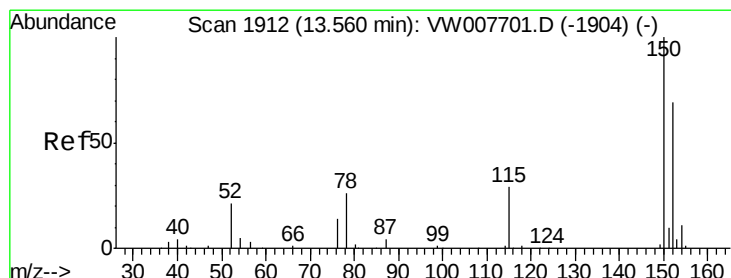
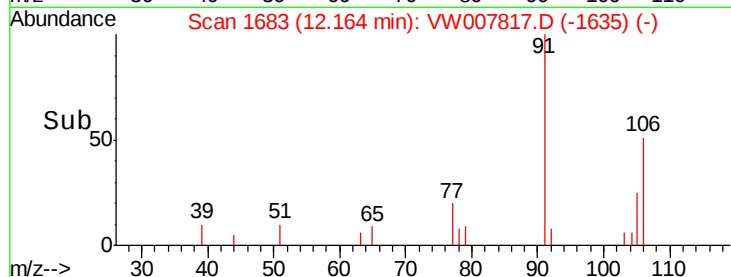
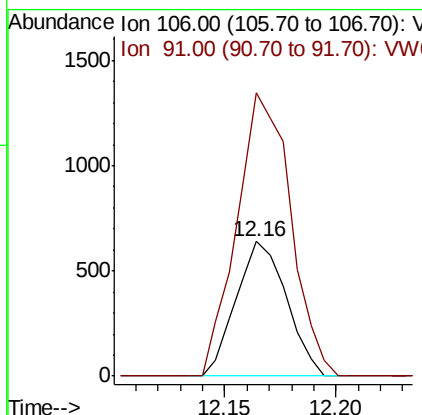
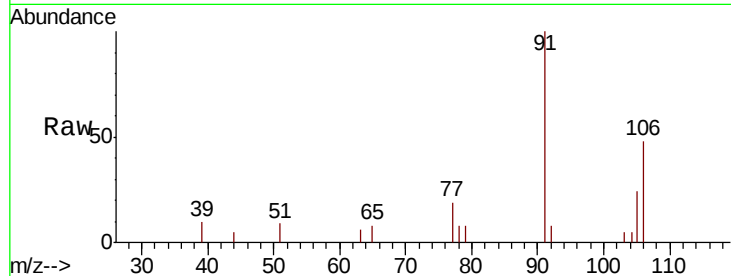




#69
o-Xylene
Concen: 1.408 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW007817.D
Acq: 22 Dec 2018 01:02

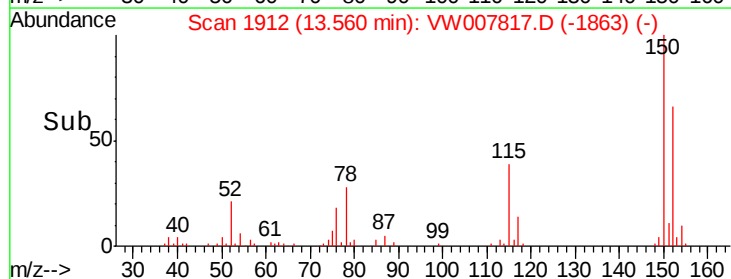
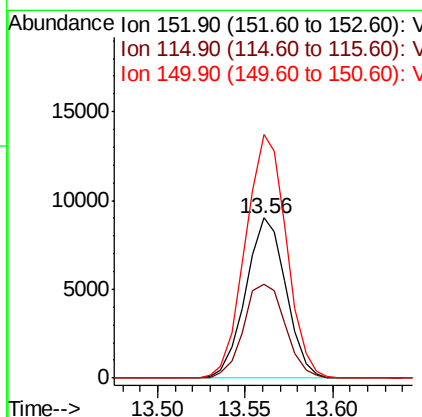
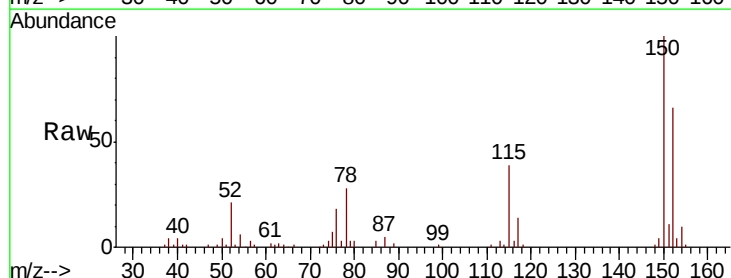
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MSVOA_W
ClientSampleId :
P001-SS007-1824-01RE

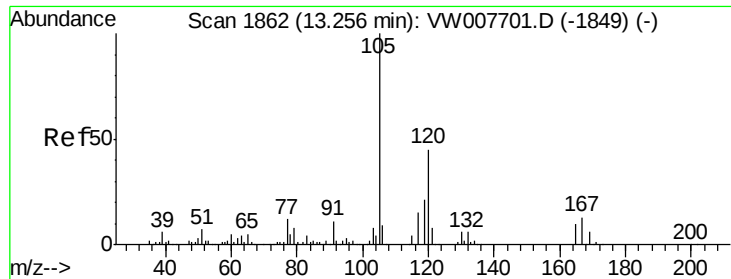
Tot Ion:106 Resp: 1007
Ion Ratio Lower Upper
106 100
91 224.9 110.5 331.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007817.D
Acq: 22 Dec 2018 01:02

Tgt Ion:152 Resp: 14484
Ion Ratio Lower Upper
152 100
115 61.2 31.8 95.4
150 154.6 0.0 350.8

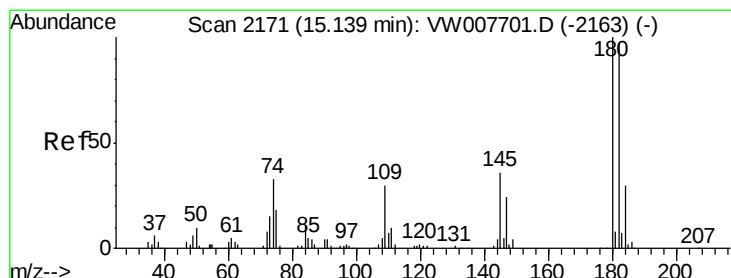
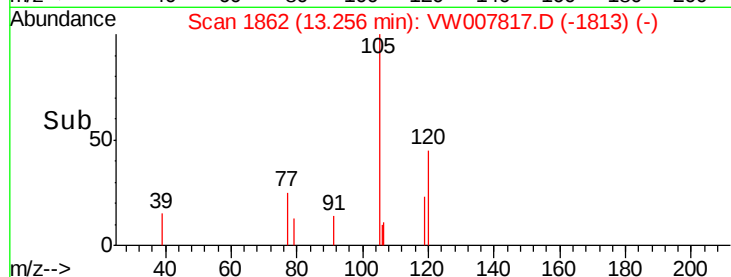
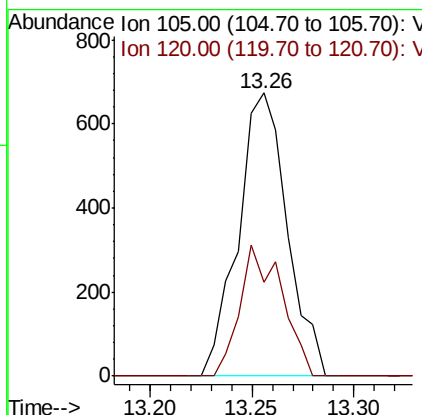
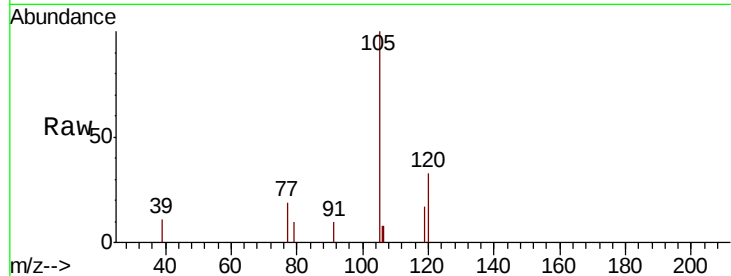




#84
 1,2,4-Trimethylbenzene
 Concen: 1.182 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007817.D
 Acq: 22 Dec 2018 01:02

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS007-1824-01RE

Tot Ion:105 Resp: 1126
 Ion Ratio Lower Upper
 105 100
 120 39.4 22.0 66.0



#93
 1,2,4-Trichlorobenzene
 Concen: 2.632 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007817.D
 Acq: 22 Dec 2018 01:02

Tgt Ion:180 Resp: 815
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.6
 145 35.2 17.5 52.5

