

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100618\
 Data File : VW005876.D
 Acq On : 05 Oct 2018 03:32
 Operator : SY/AP
 Sample : J5218-05RE
 Misc : 3.38G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 293-230RE

Quant Time: Oct 05 15:25:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

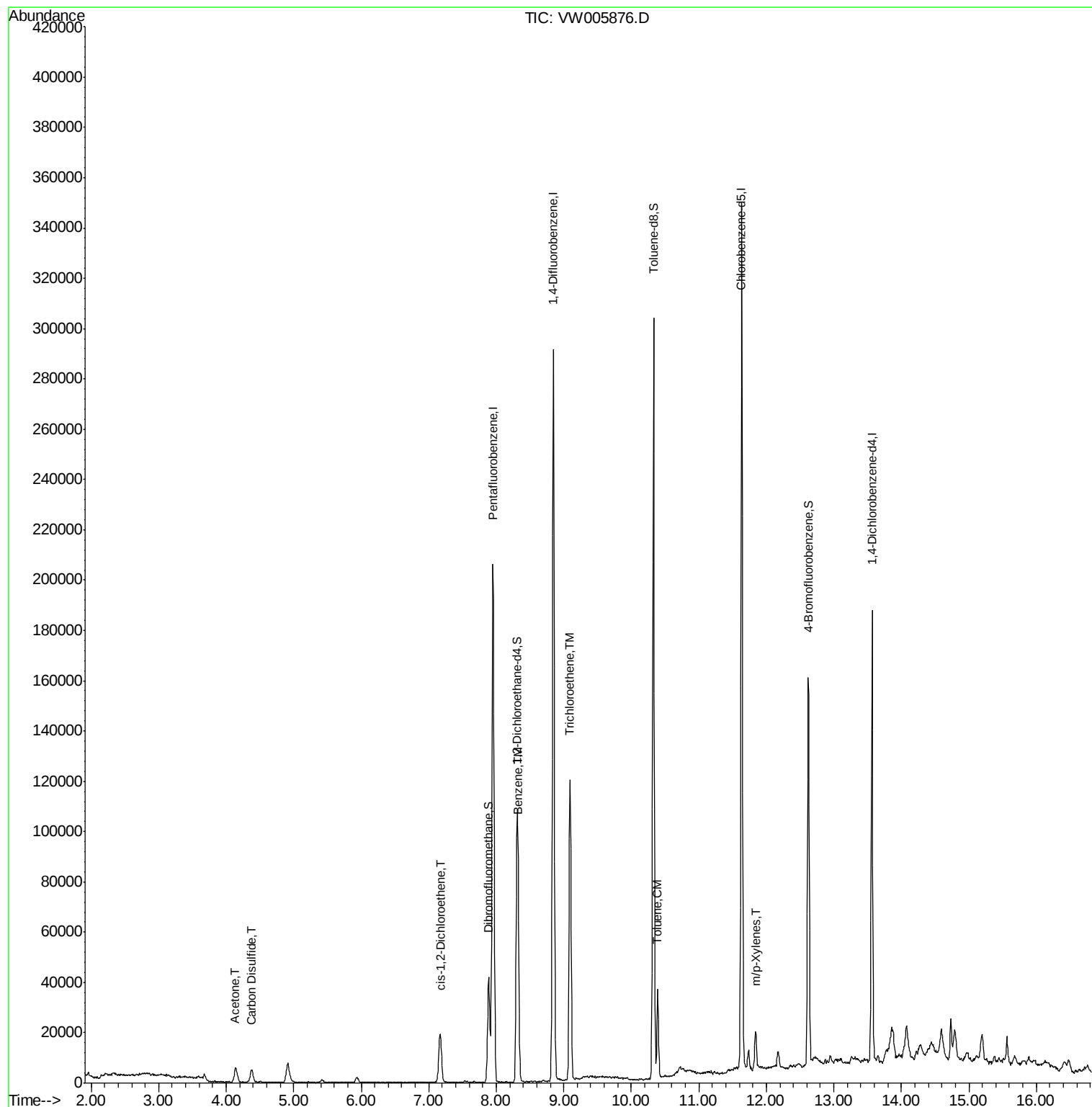
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	241584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	186361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76390	40.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.04%	
35) Dibromofluoromethane	7.89	113	30074	18.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.98%	
50) Toluene-d8	10.33	98	203211	32.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.64%	
62) 4-Bromofluorobenzene	12.62	95	49424	21.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.54%	
Target Compounds						
16) Acetone	4.13	43	11505	36.572	ug/l	93
17) Carbon Disulfide	4.37	76	11980	2.596	ug/l #	92
27) cis-1,2-Dichloroethene	7.17	96	8778	4.944	ug/l	90
40) Benzene	8.33	78	30437	4.373	ug/l	92
44) Trichloroethene	9.09	130	42663	23.194	ug/l	99
52) Toluene	10.39	92	13969	3.149	ug/l	96
68) m/p-Xylenes	11.84	106	4665	1.735	ug/l	96

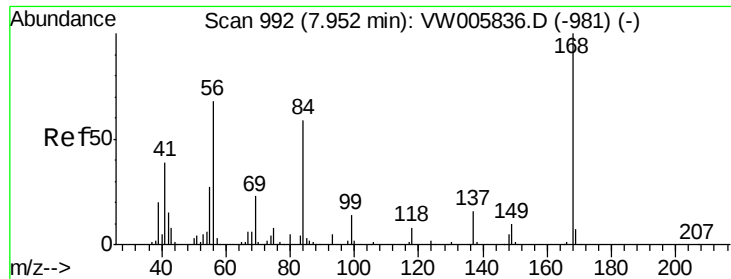
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100618\
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293-230RE

Quant Time: Oct 05 15:25:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 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: VW005876.D

Acq: 05 Oct 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

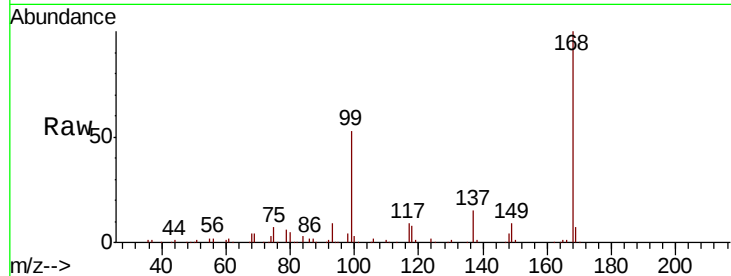
293-230RE

Tot Ion:168 Resp: 155381

Ion Ratio Lower Upper

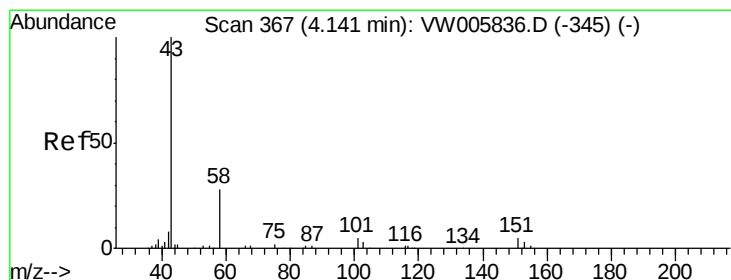
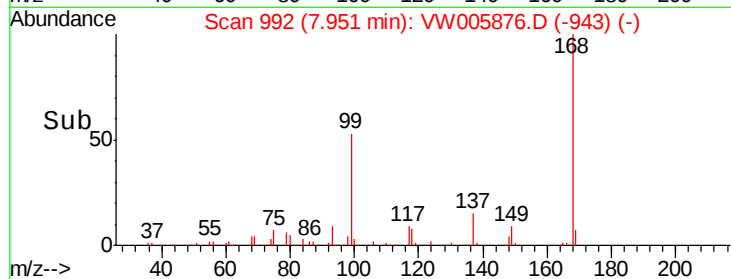
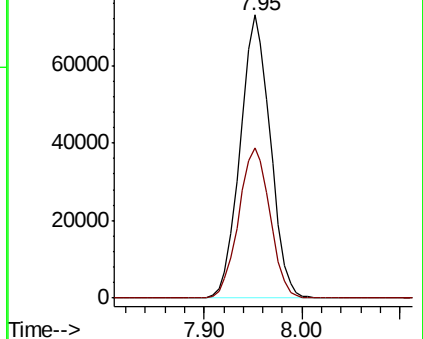
168 100

99 53.1 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.572 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005876.D

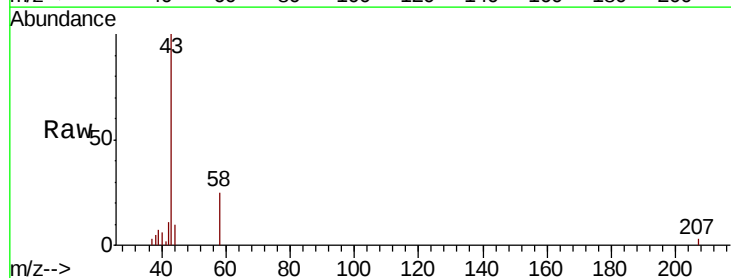
Acq: 05 Oct 2018 03:32

Tgt Ion: 43 Resp: 11505

Ion Ratio Lower Upper

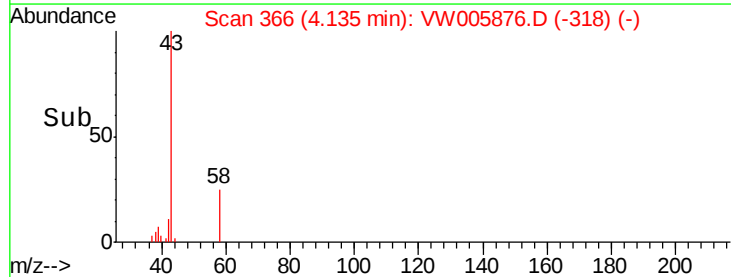
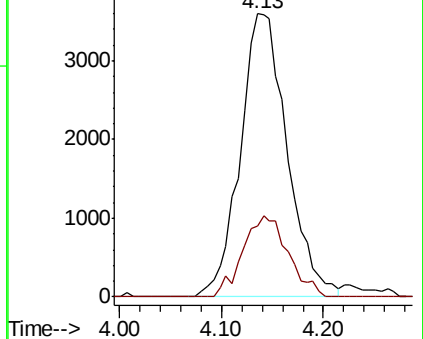
43 100

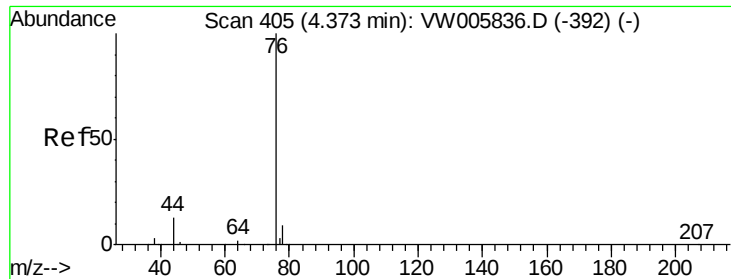
58 25.2 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.596 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

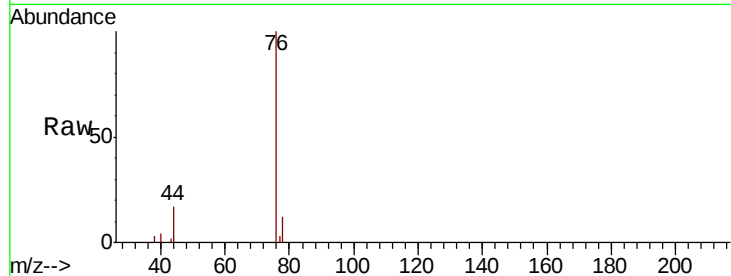
293-230RE

Tot Ion: 76 Resp: 11980

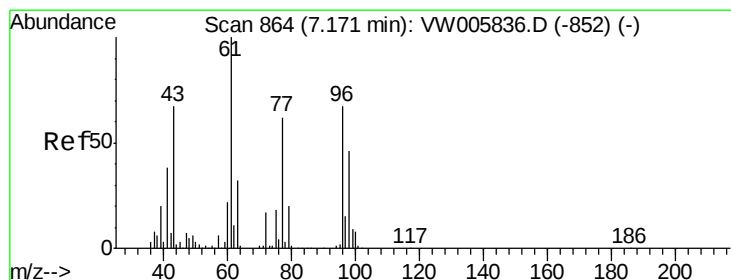
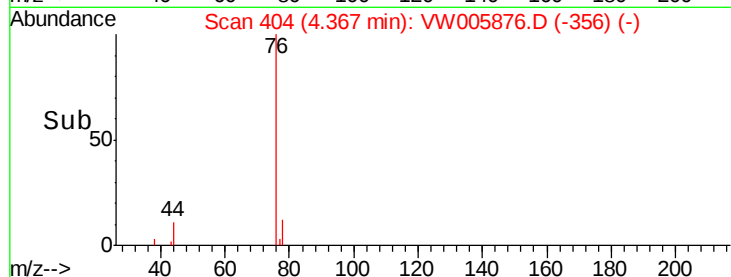
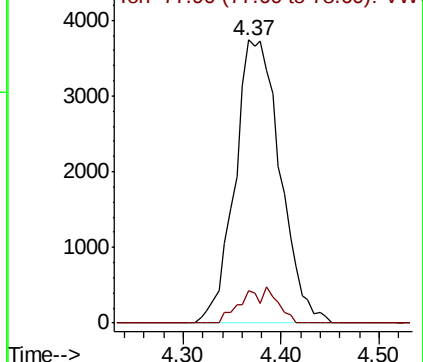
Ion Ratio Lower Upper

76 100

78 11.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#27

cis-1,2-Dichloroethene

Concen: 4.944 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

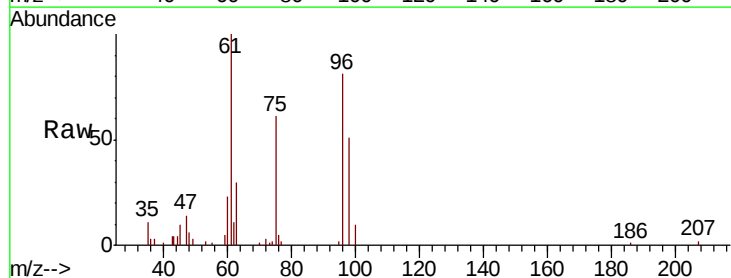
Tgt Ion: 96 Resp: 8778

Ion Ratio Lower Upper

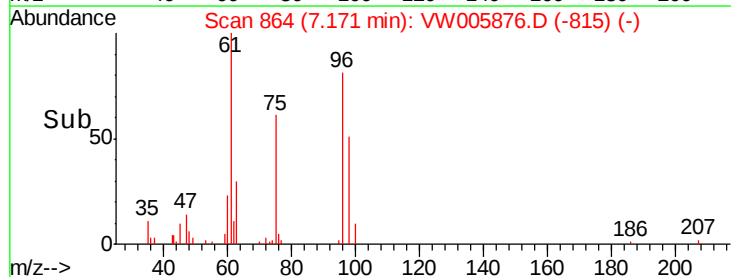
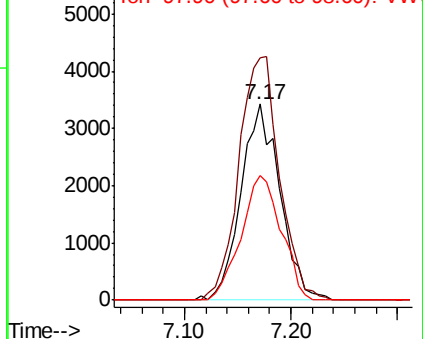
96 100

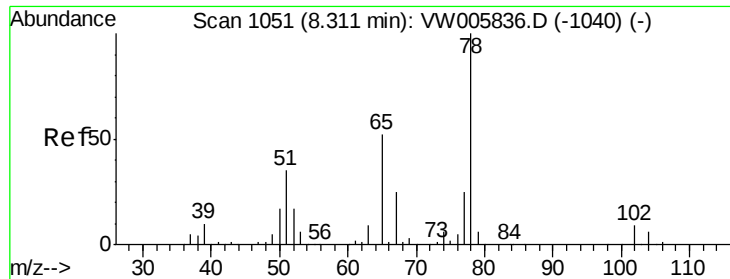
61 129.8 0.0 296.4

98 65.6 0.0 131.4



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

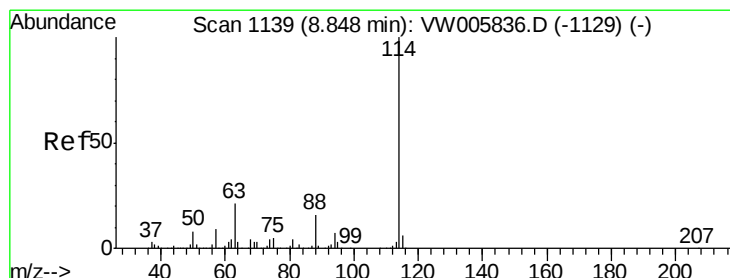
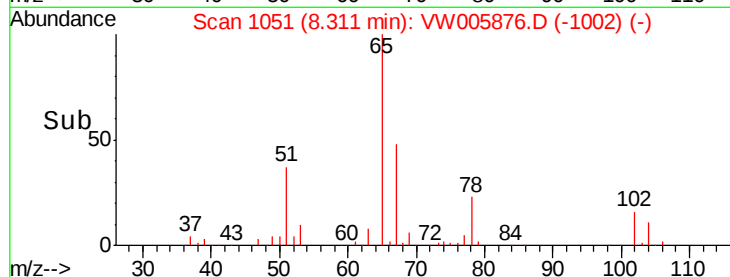
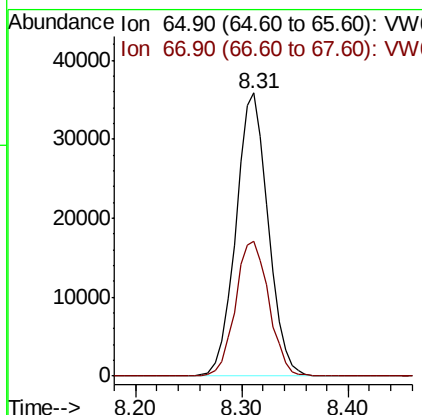
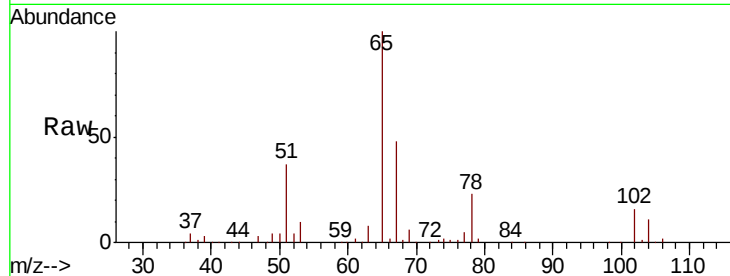




#33
 1,2-Dichloroethane-d4
 Concen: 40.525 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005876.D
 Acq: 05 Oct 2018 03:32

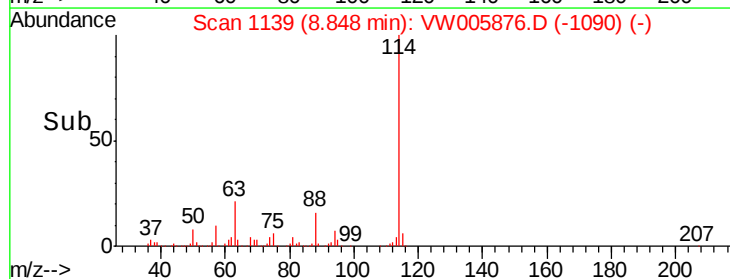
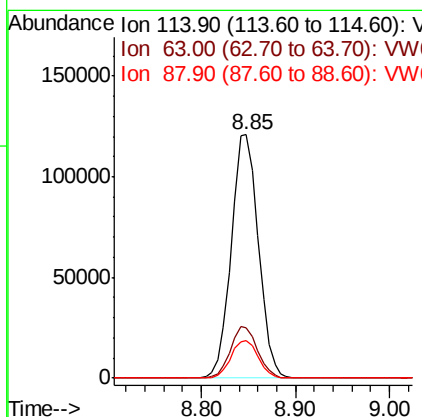
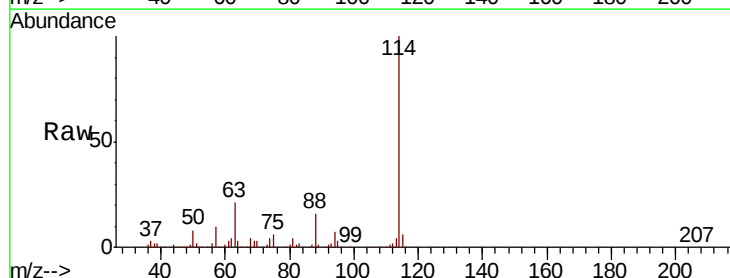
Instrument :
 MSVOA_W
 ClientSampleId :
 293-230RE

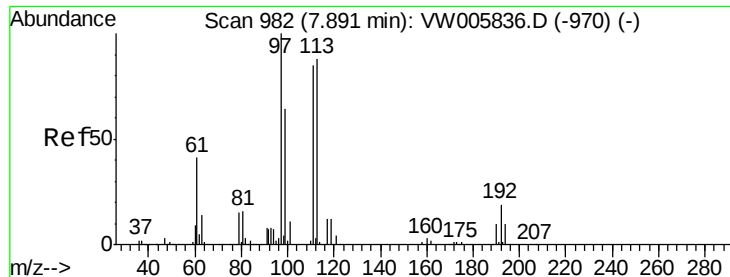
Tot Ion: 65 Resp: 76390
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005876.D
 Acq: 05 Oct 2018 03:32

Tgt Ion: 114 Resp: 241584
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.0
 88 15.7 0.0 31.2

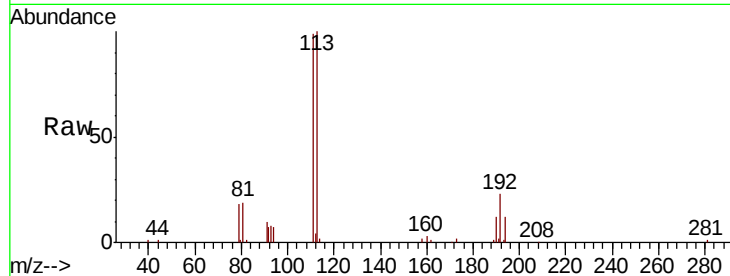




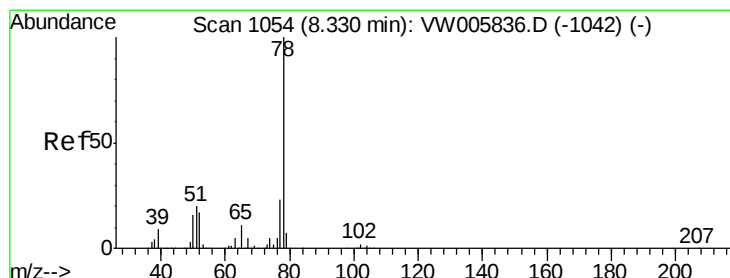
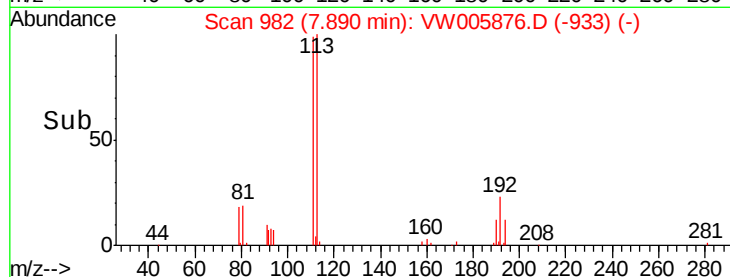
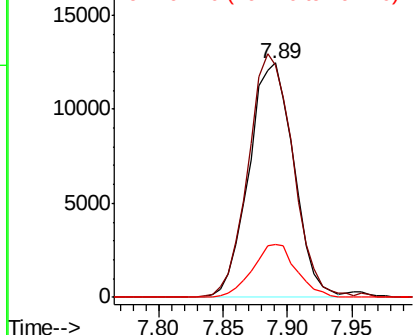
#35
 Dibromofluoromethane
 Concen: 18.993 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005876.D
 Acq: 05 Oct 2018 03:32

Instrument :
 MSVOA_W
 ClientSampleId :
 293-230RE

Tot Ion:113 Resp: 30074
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.2
 192 22.0 17.3 25.9

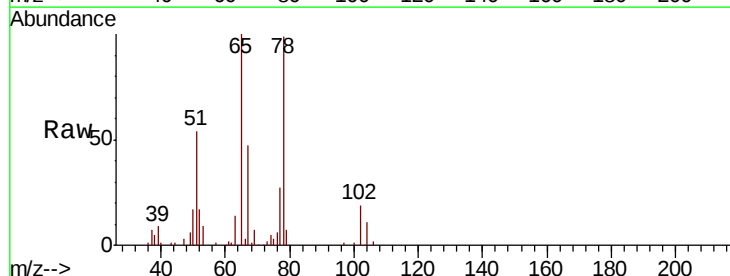


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

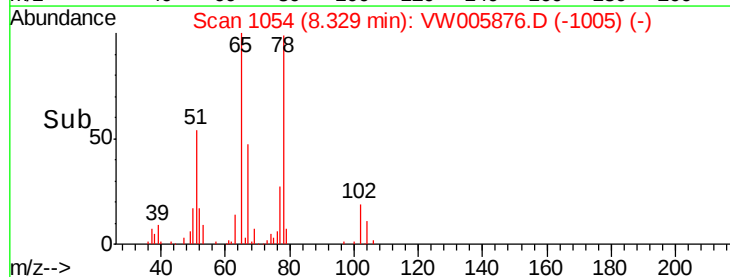
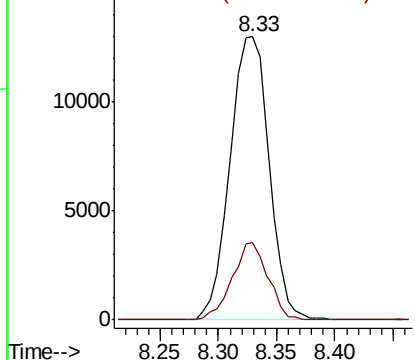


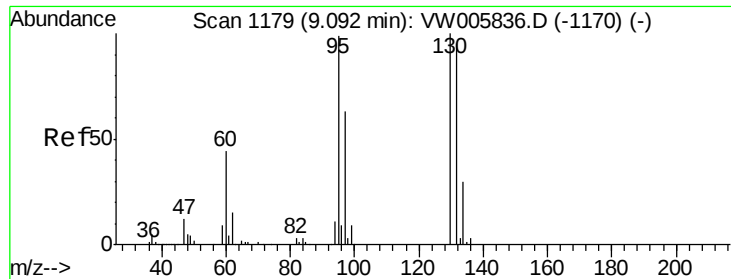
#40
 Benzene
 Concen: 4.373 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VW005876.D
 Acq: 05 Oct 2018 03:32

Tgt Ion: 78 Resp: 30437
 Ion Ratio Lower Upper
 78 100
 77 27.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#44

Trichloroethene

Concen: 23.194 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

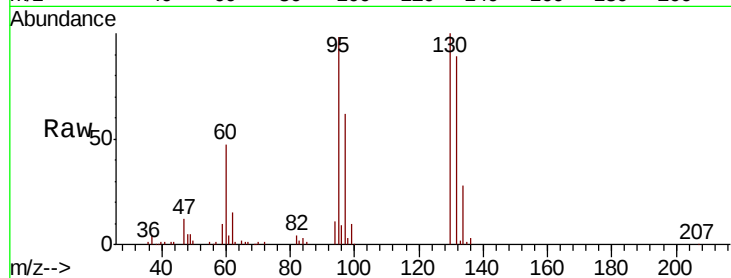
293-230RE

Tot Ion:130 Resp: 42663

Ion Ratio Lower Upper

130 100

95 98.1 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.09

25000

20000

15000

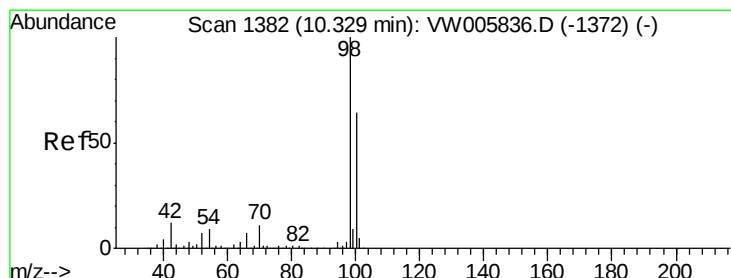
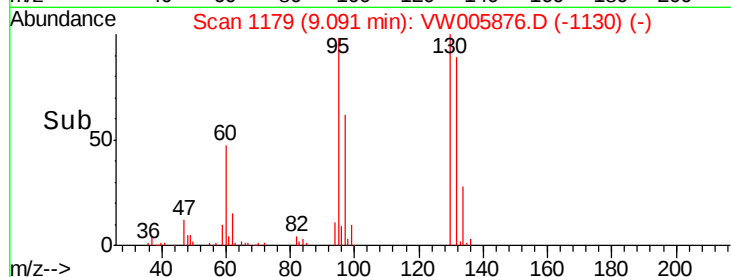
10000

5000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#50

Toluene-d8

Concen: 32.320 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005876.D

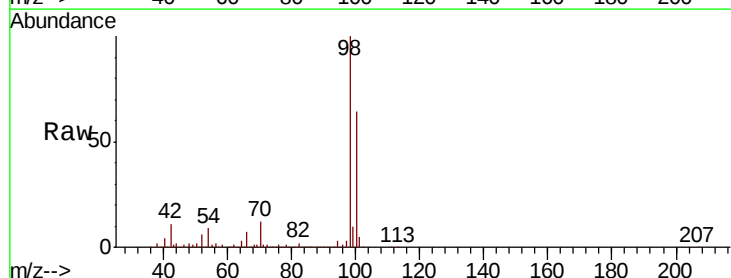
Acq: 05 Oct 2018 03:32

Tgt Ion: 98 Resp: 203211

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

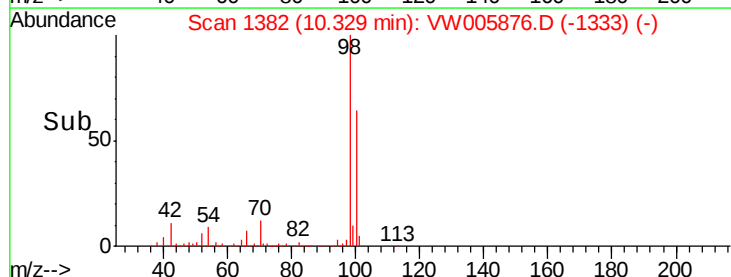
100000

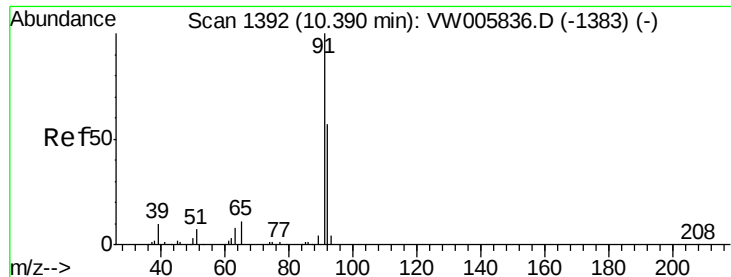
50000

0

Time-->

10.30 10.35 10.40





#52

Toluene

Concen: 3.149 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

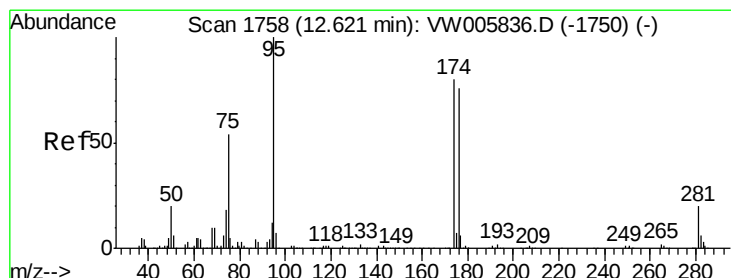
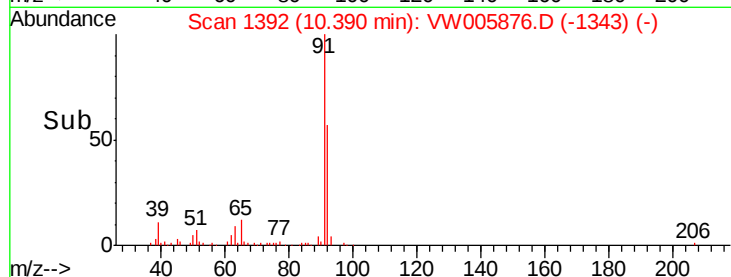
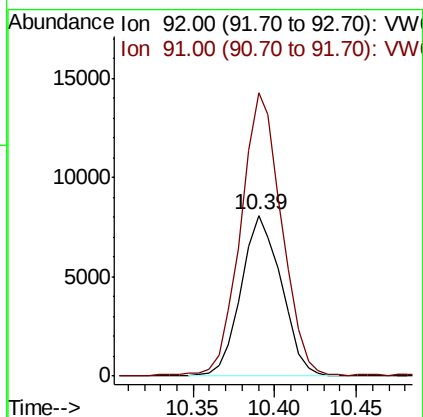
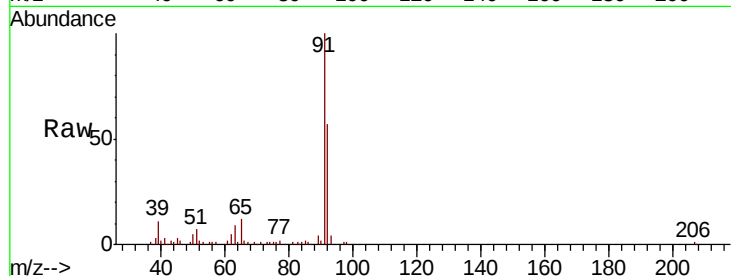
293-230RE

Tot Ion: 92 Resp: 13969

Ion Ratio Lower Upper

92 100

91 178.8 139.0 208.4



#62

4-Bromofluorobenzene

Concen: 21.271 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

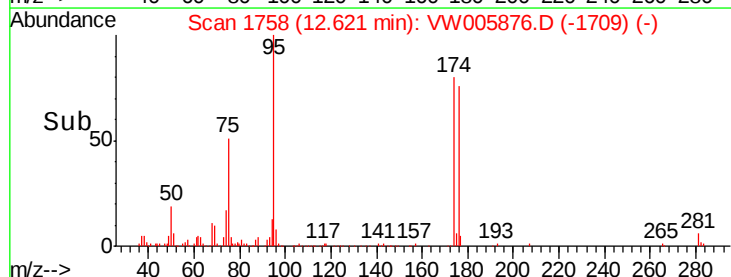
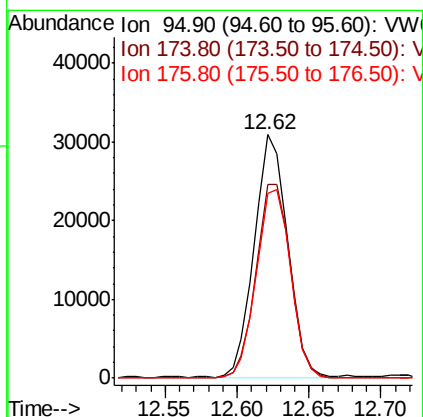
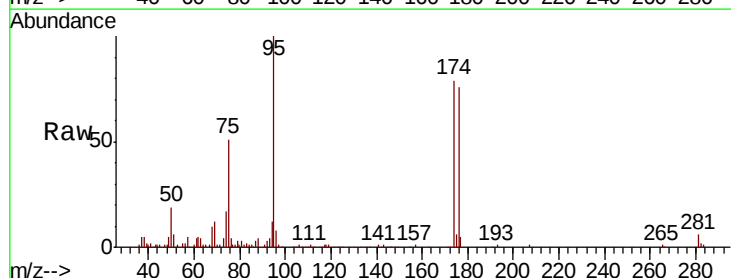
Tgt Ion: 95 Resp: 49424

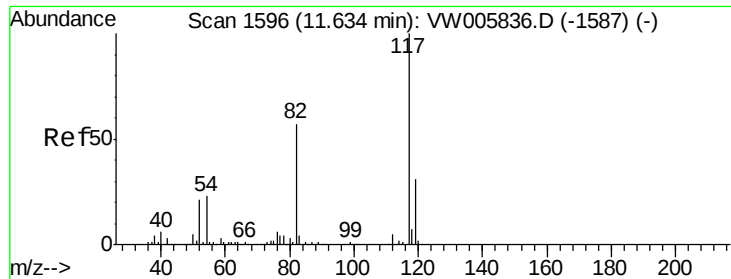
Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.0

176 79.7 0.0 164.2

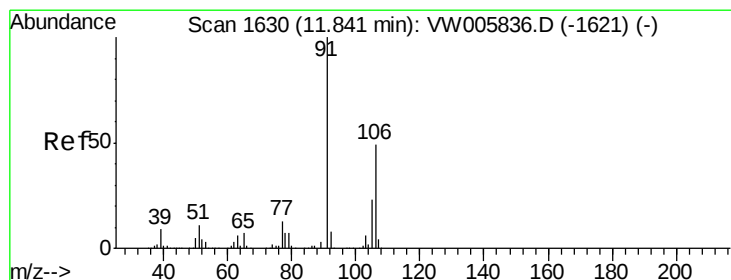
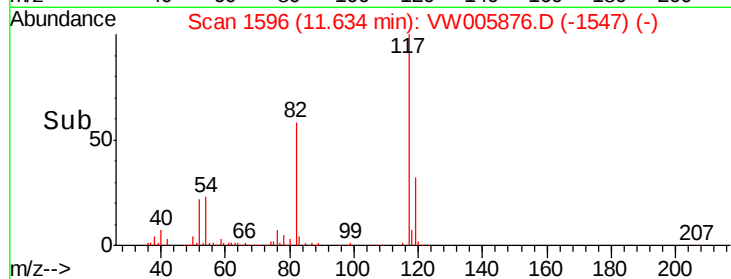
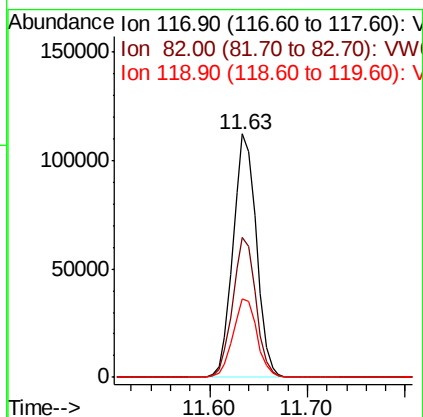
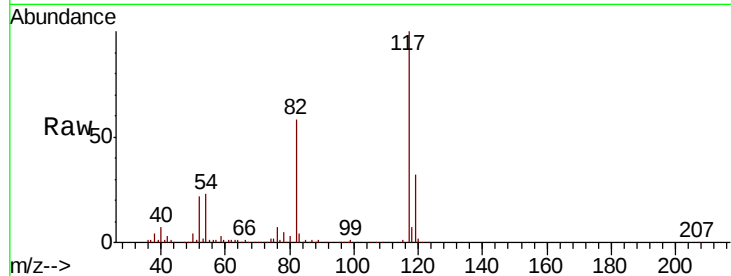




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005876.D
Acq: 05 Oct 2018 03:32

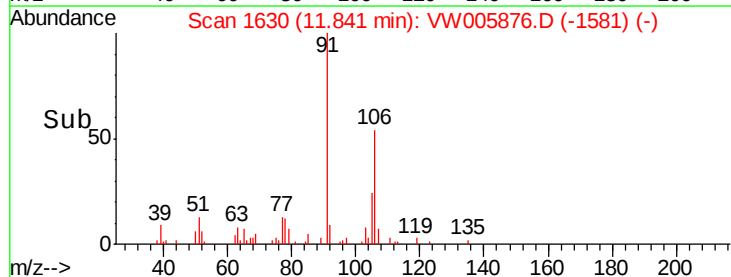
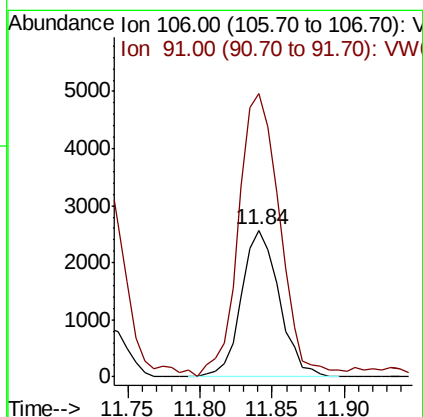
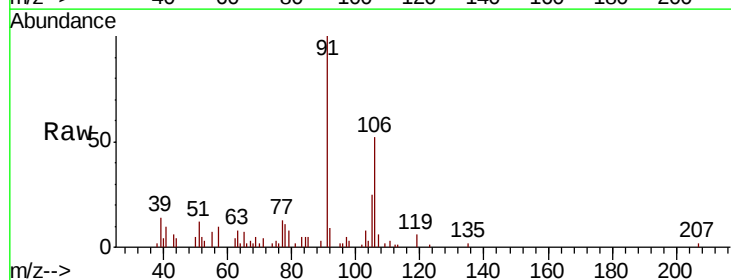
Instrument :
MSVOA_W
ClientSampleId :
293-230RE

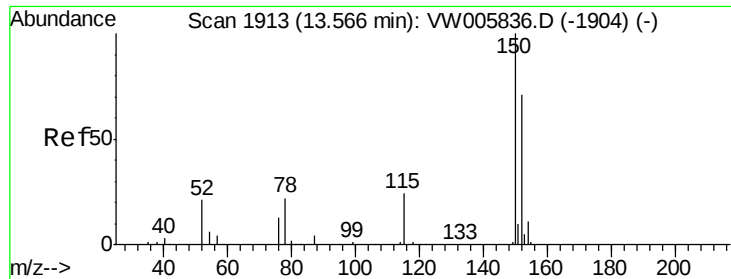
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.6	68.4
119	32.2	25.0	37.6



#68
m/p-Xylenes
Concen: 1.735 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005876.D
Acq: 05 Oct 2018 03:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.6	165.4	248.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005876.D

Acq: 05 Oct 2018 03:32

Instrument :

MSVOA_W

ClientSampleId :

293-230RE

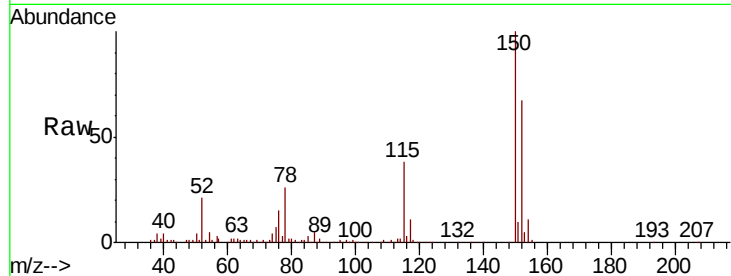
Tot Ion:152 Resp: 47470

Ion Ratio Lower Upper

152 100

115 60.2 29.8 89.4

150 159.4 0.0 349.4



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

