

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003643.D
 Acq On : 28 Jun 2018 17:16
 Operator : SY/AP
 Sample : J3048-15RE
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-DRE

Quant Time: Jun 29 07:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	144851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78825	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	100347	63.96	ug/l	0.00
Spiked Amount			Recovery	=	127.92%	
35) Dibromofluoromethane	7.88	113	84995	55.80	ug/l	0.00
Spiked Amount			Recovery	=	111.60%	
50) Toluene-d8	10.33	98	311996	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.62	95	101146	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	

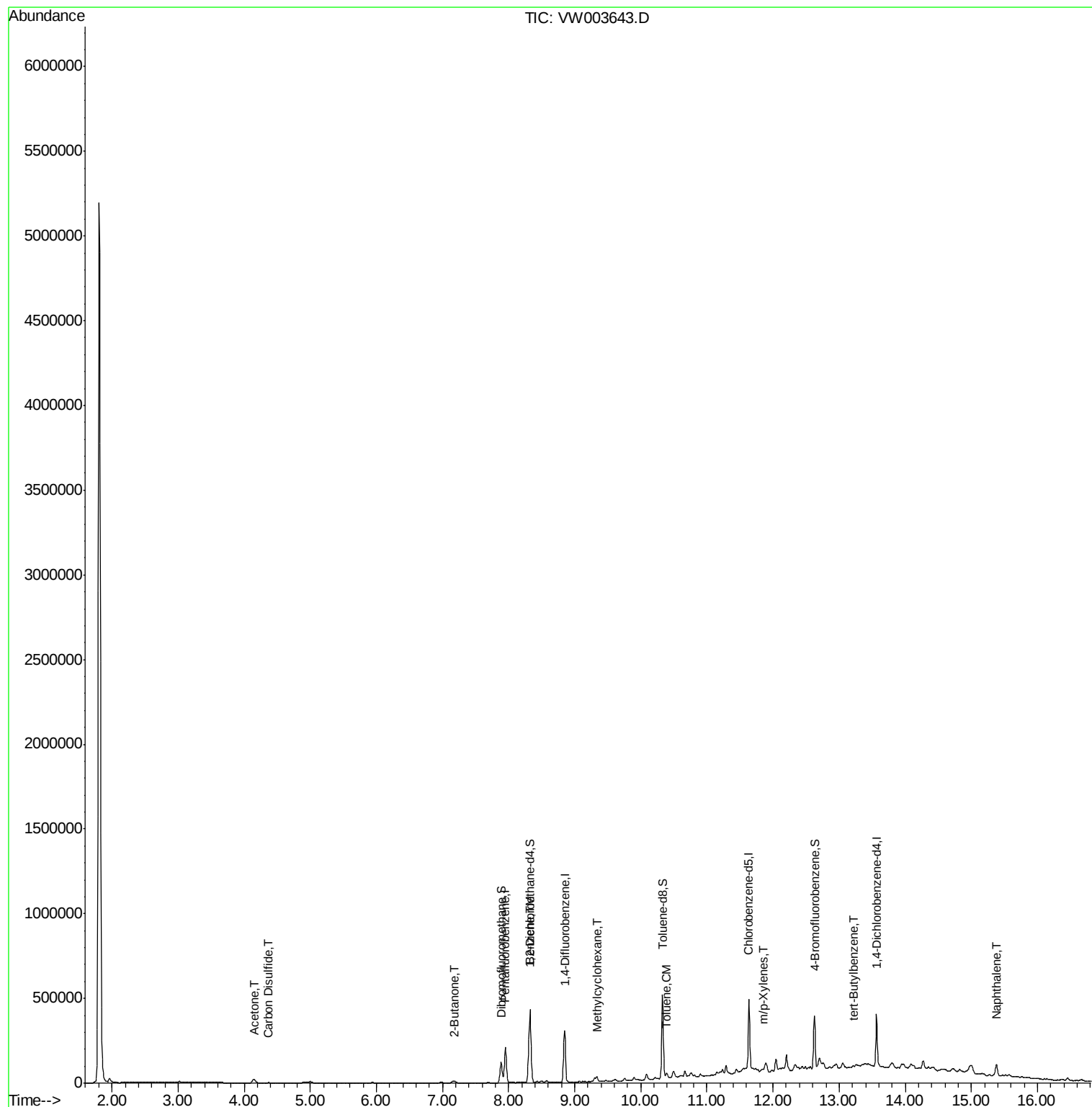
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	46009	139.82	ug/l	97
17) Carbon Disulfide	4.37	76	6070	1.57	ug/l #	86
25) 2-Butanone	7.18	43	9854	24.08	ug/l #	88
39) Methylcyclohexane	9.34	83	12709	4.64	ug/l	91
40) Benzene	8.33	78	357448	54.78	ug/l	100
52) Toluene	10.40	92	10925	2.61	ug/l	92
68) m/p-Xylenes	11.84	106	5338	1.78	ug/l	93
83) tert-Butylbenzene	13.21	119	5977	1.52	ug/l	85
95) Naphthalene	15.38	128	48916	17.88	ug/l	98

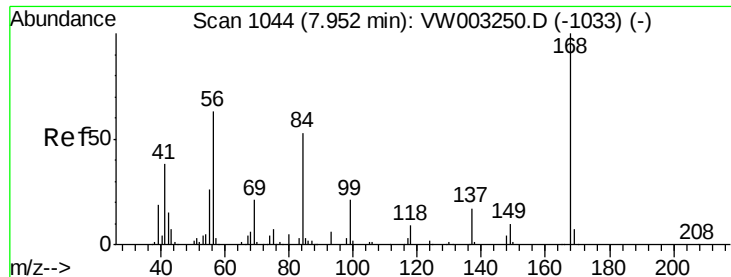
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003643.D

Acq: 28 Jun 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

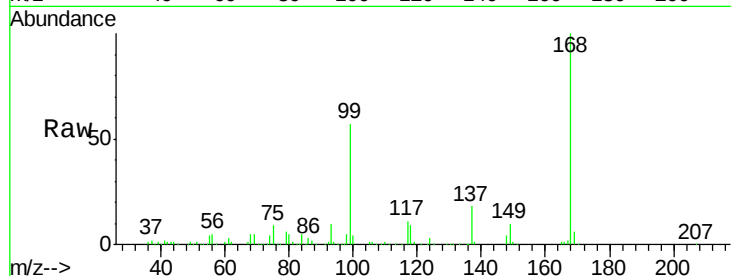
TP-2-DRE

Tot Ion:168 Resp: 144851

Ion Ratio Lower Upper

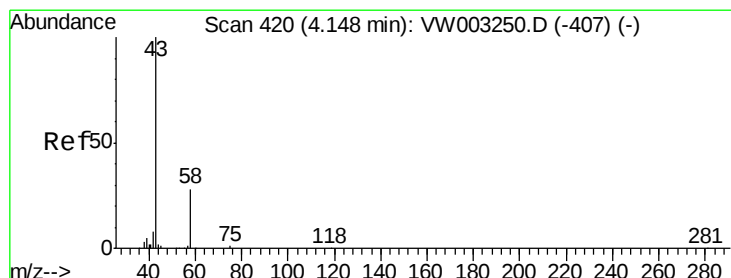
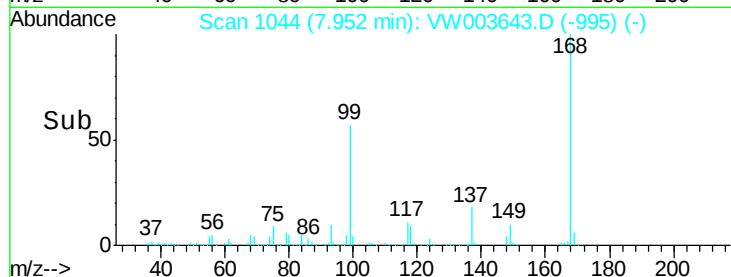
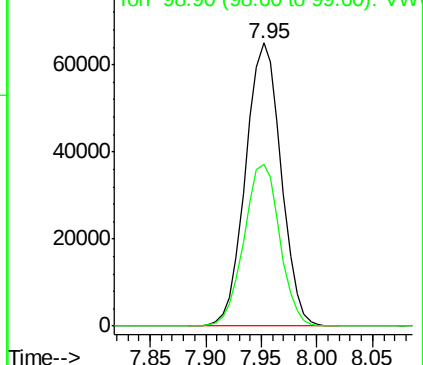
168 100

99 57.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 139.82 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003643.D

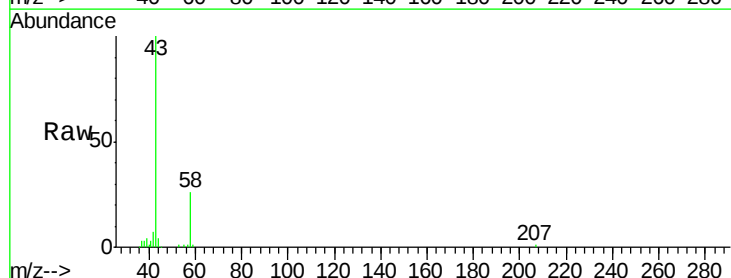
Acq: 28 Jun 2018 17:16

Tgt Ion: 43 Resp: 46009

Ion Ratio Lower Upper

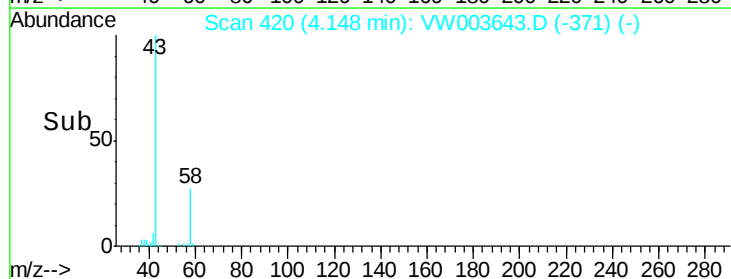
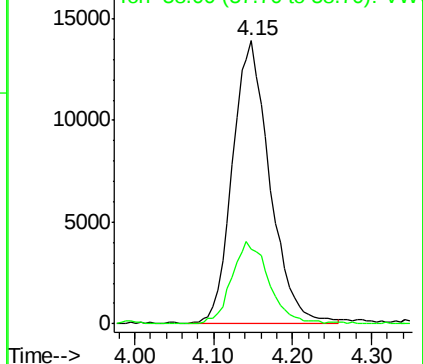
43 100

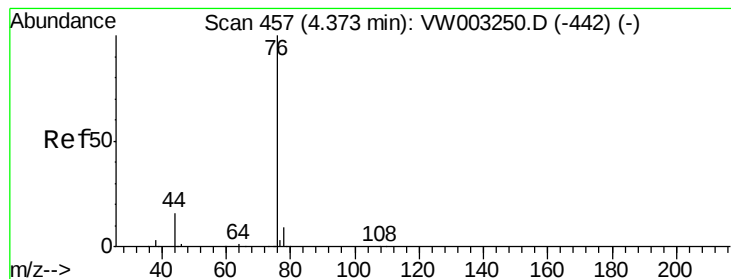
58 26.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.57 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003643.D

Acq: 28 Jun 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

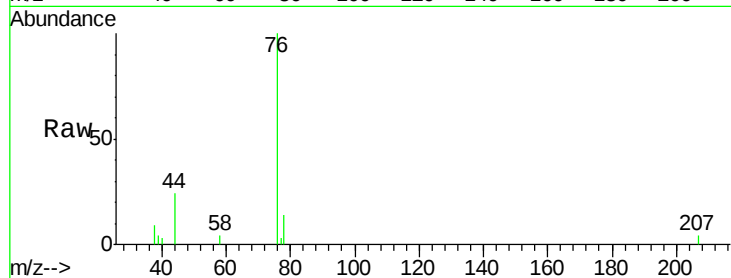
TP-2-DRE

Tot Ion: 76 Resp: 6070

Ion Ratio Lower Upper

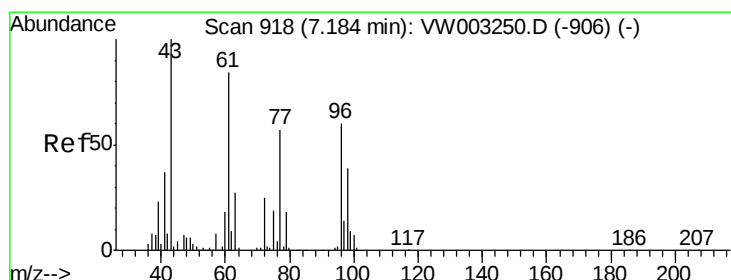
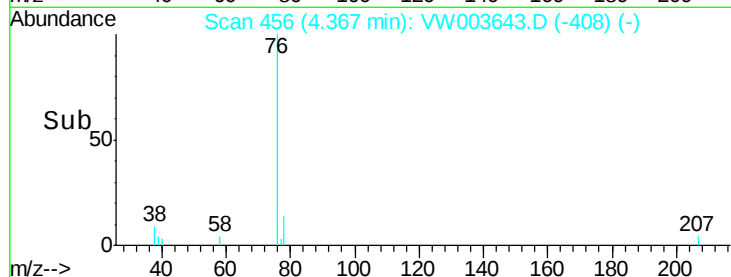
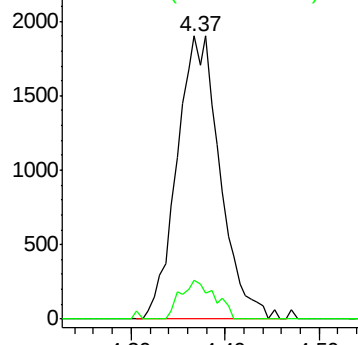
76 100

78 13.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 24.08 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003643.D

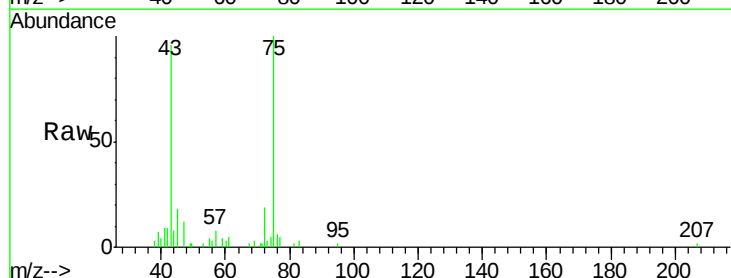
Acq: 28 Jun 2018 17:16

Tgt Ion: 43 Resp: 9854

Ion Ratio Lower Upper

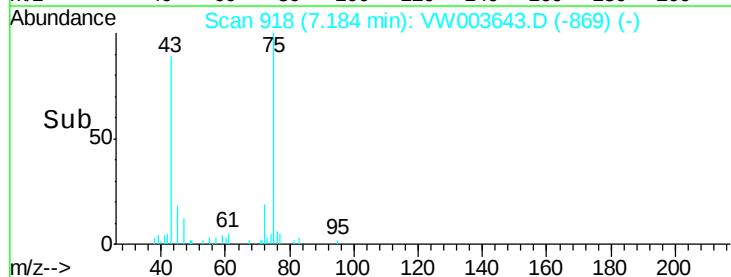
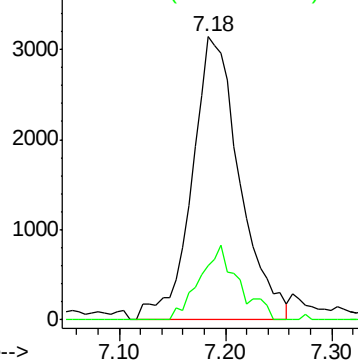
43 100

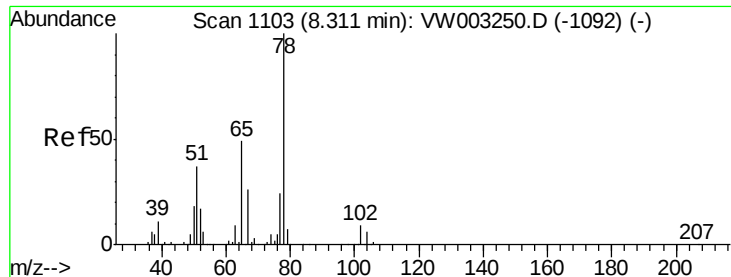
72 19.4 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

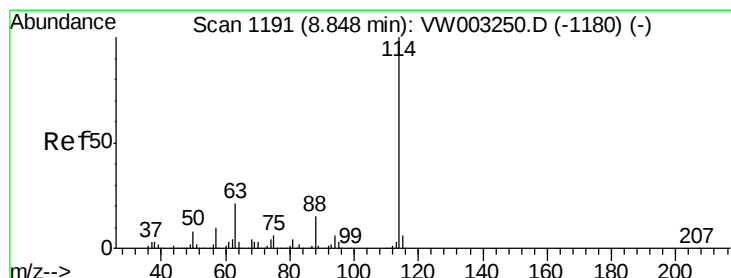
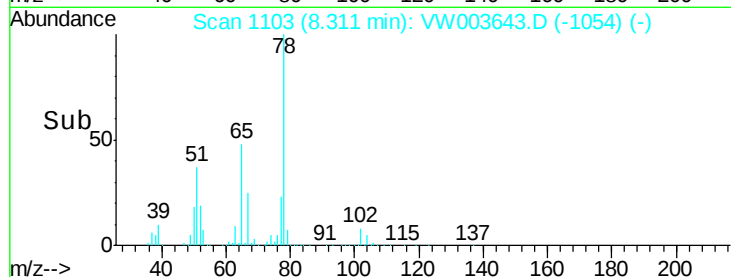
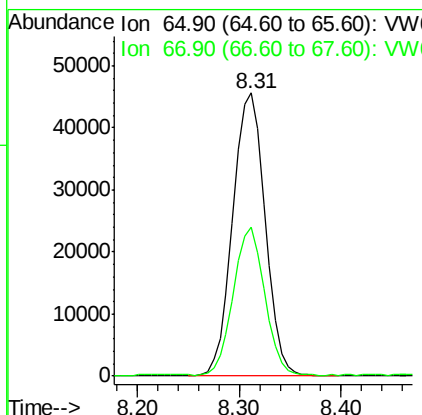
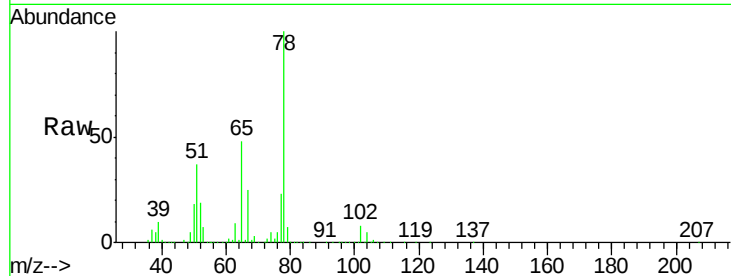




#33
 1,2-Dichloroethane-d4
 Concen: 63.96 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003643.D
 Acq: 28 Jun 2018 17:16

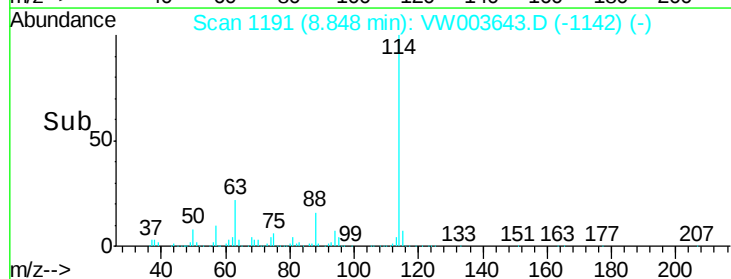
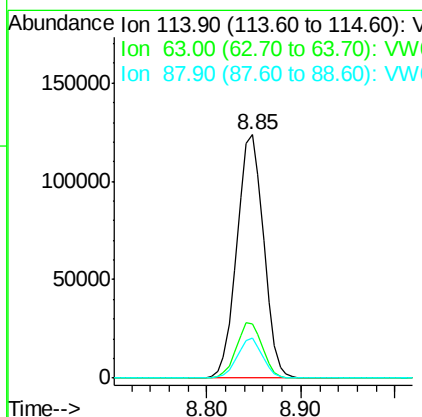
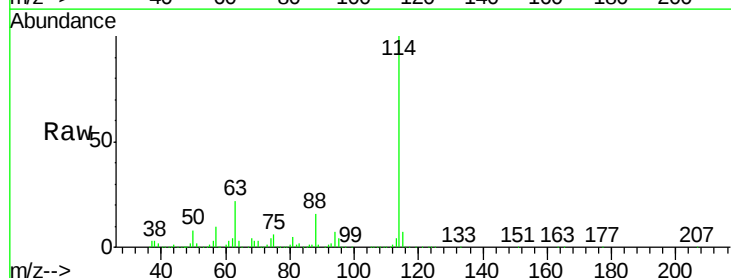
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-DRE

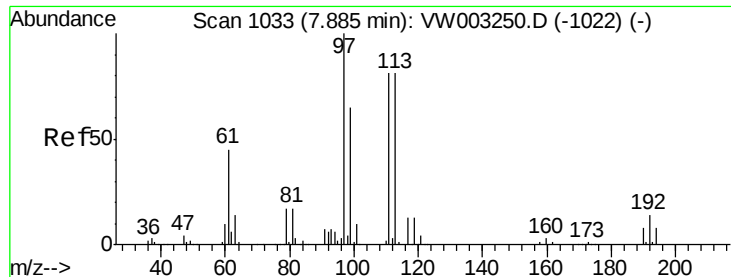
Tot Ion: 65 Resp: 100347
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003643.D
 Acq: 28 Jun 2018 17:16

Tgt Ion: 114 Resp: 245122
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 16.3 0.0 29.6

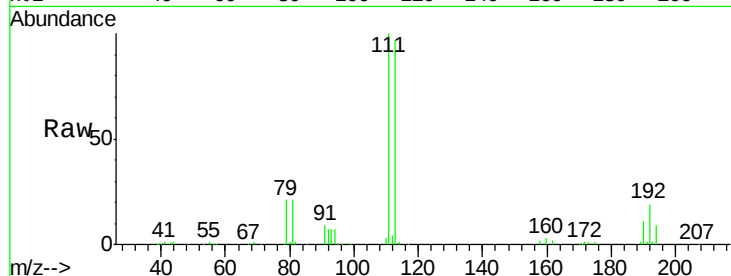




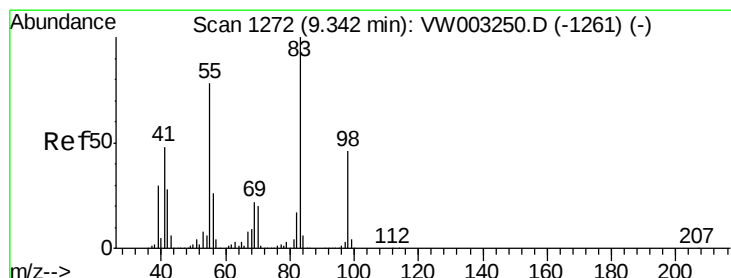
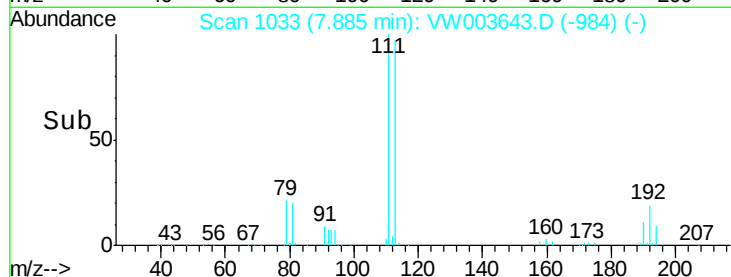
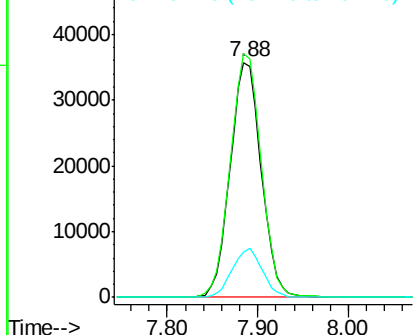
#35
Dibromofluoromethane
Concen: 55.80 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Instrument :
MSVOA_W
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.2
192	20.2	16.2	24.2

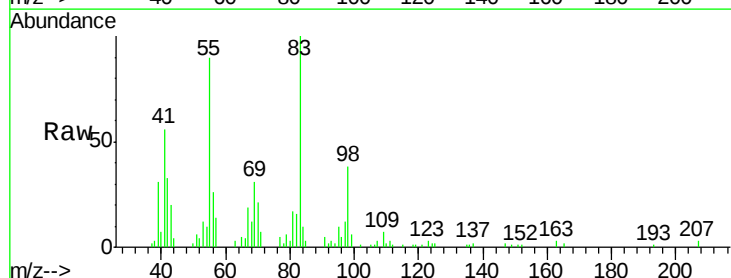


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

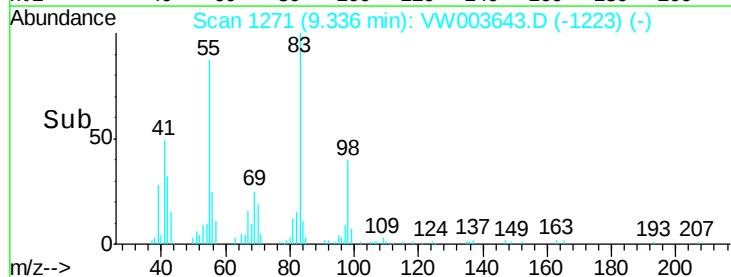
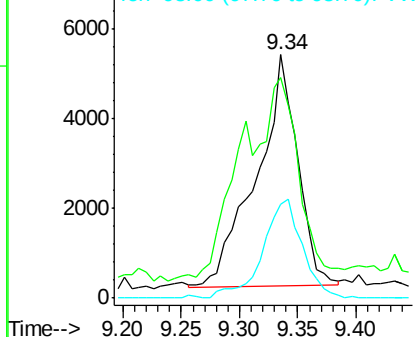


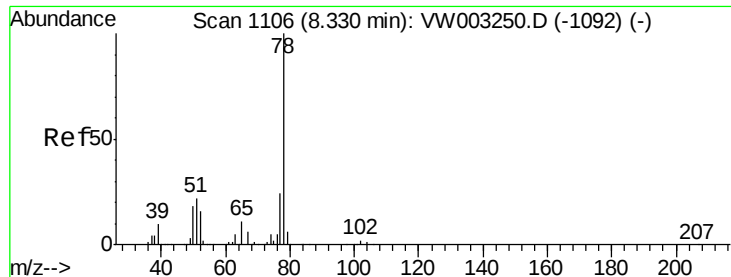
#39
Methylcyclohexane
Concen: 4.64 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.2	62.6	93.8
98	39.4	37.0	55.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 54.78 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW003643.D

Acq: 28 Jun 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

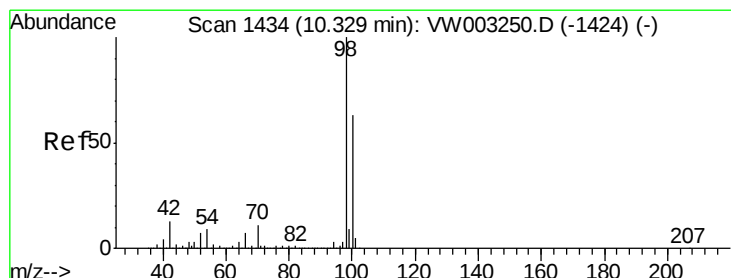
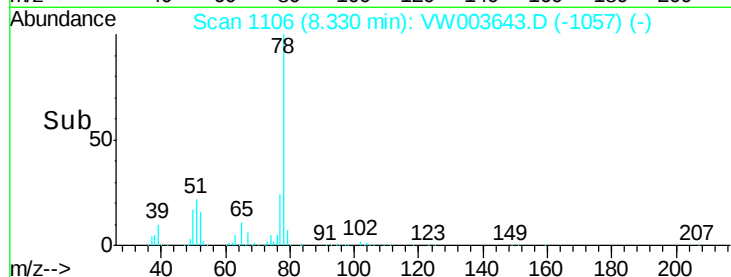
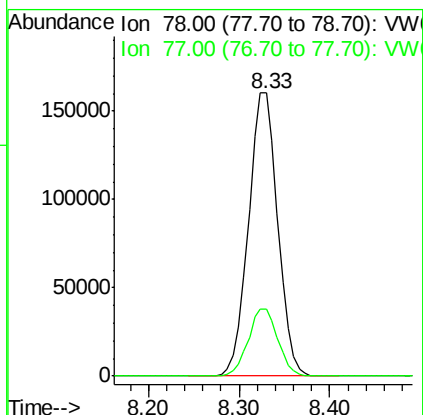
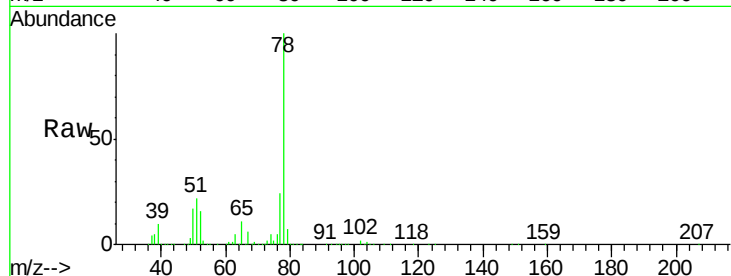
TP-2-DRE

Tot Ion: 78 Resp: 357448

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6



#50

Toluene-d8

Concen: 51.66 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003643.D

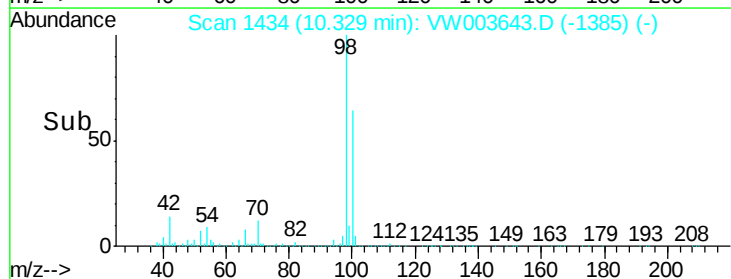
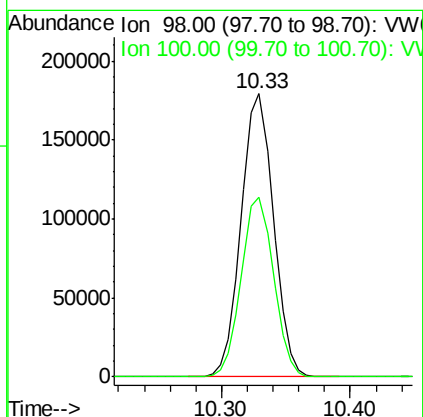
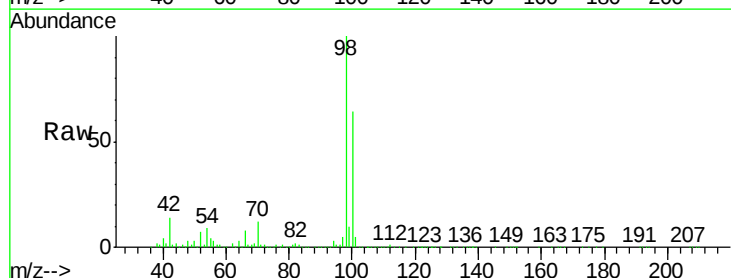
Acq: 28 Jun 2018 17:16

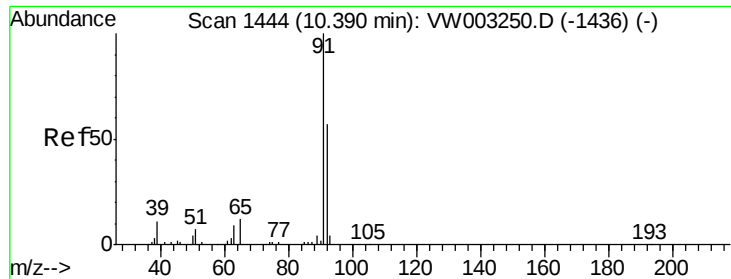
Tgt Ion: 98 Resp: 311996

Ion Ratio Lower Upper

98 100

100 63.8 50.8 76.2





#52

Toluene

Concen: 2.61 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VW003643.D

Acq: 28 Jun 2018 17:16

Instrument :

MSVOA_W

ClientSampleId :

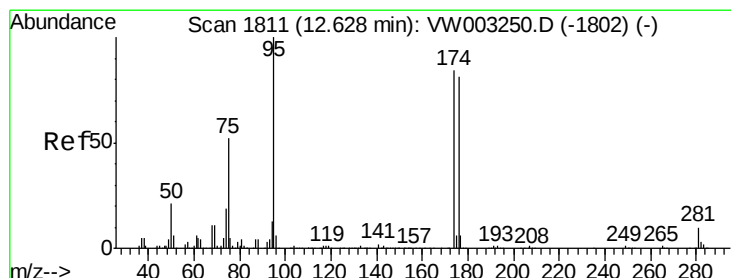
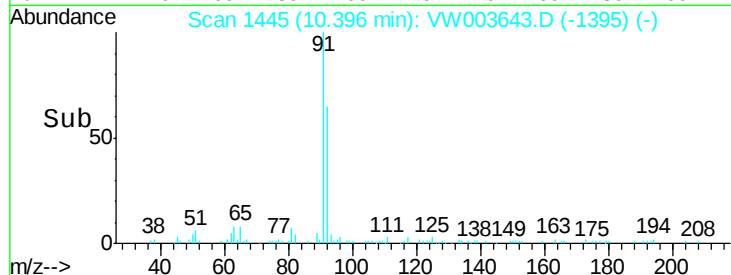
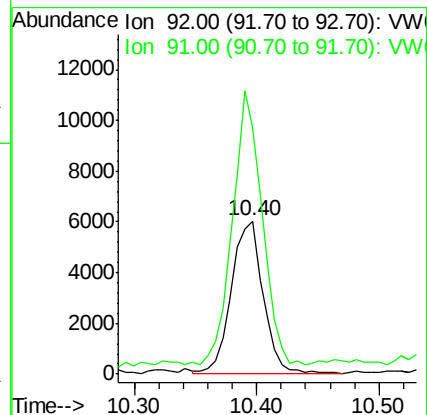
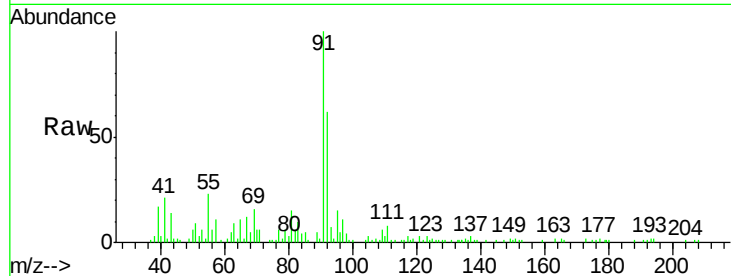
TP-2-DRE

Tot Ion: 92 Resp: 10925

Ion Ratio Lower Upper

92 100

91 164.7 141.1 211.7



#62

4-Bromofluorobenzene

Concen: 47.32 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003643.D

Acq: 28 Jun 2018 17:16

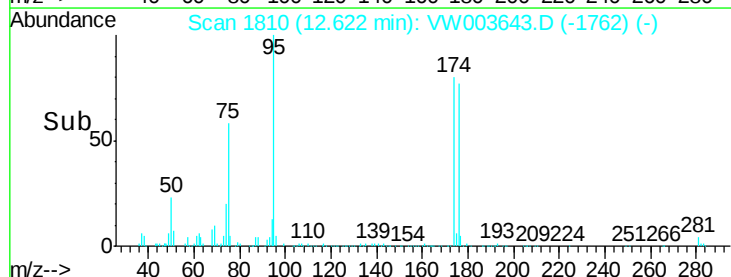
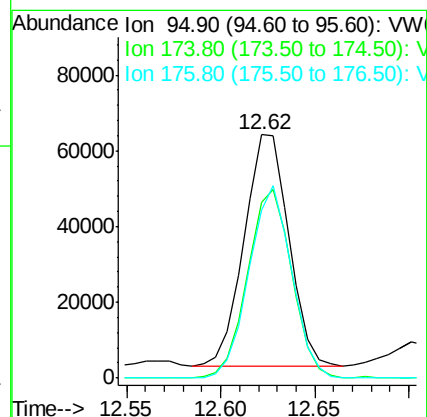
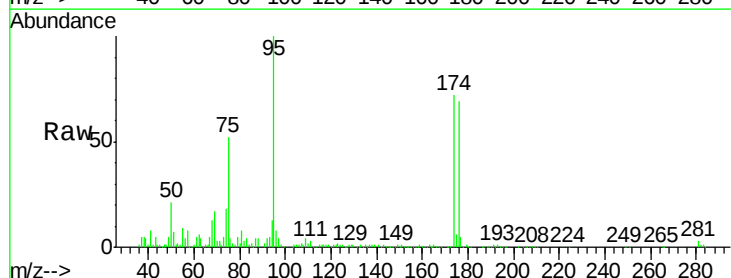
Tgt Ion: 95 Resp: 101146

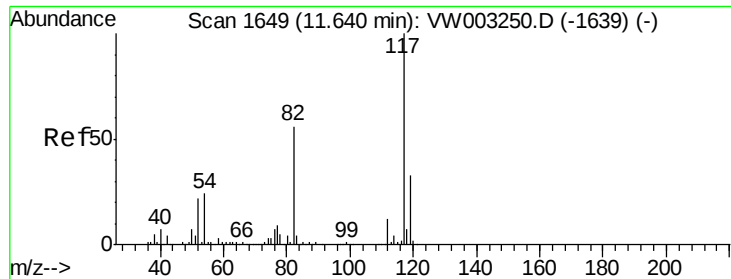
Ion Ratio Lower Upper

95 100

174 79.5 0.0 166.4

176 78.5 0.0 162.0

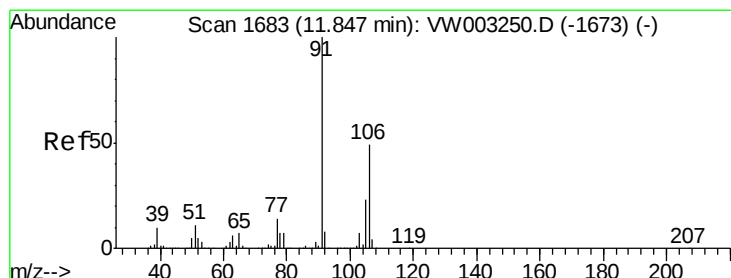
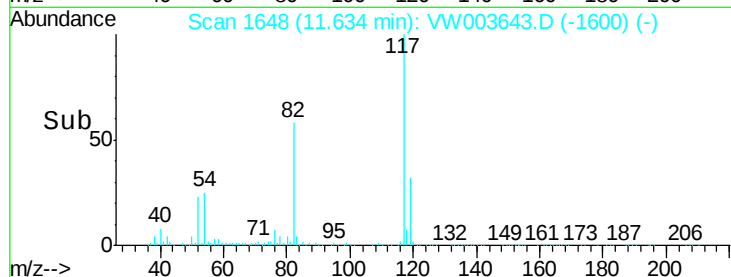
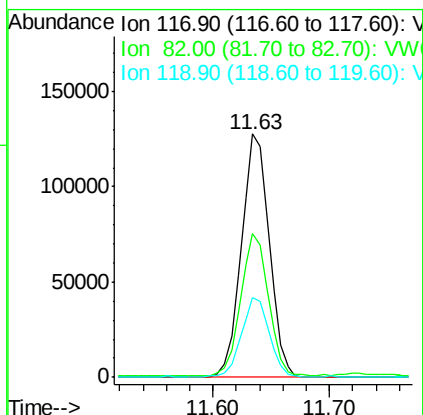
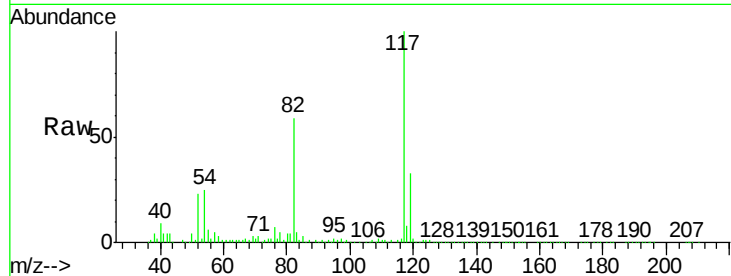




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

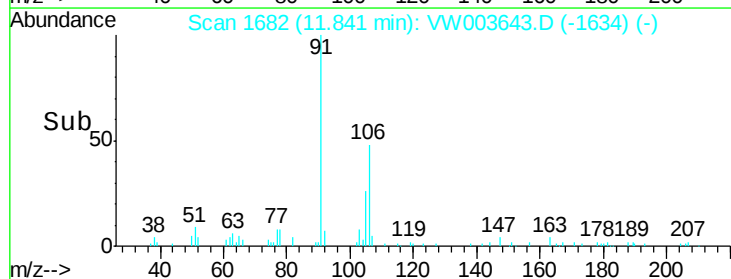
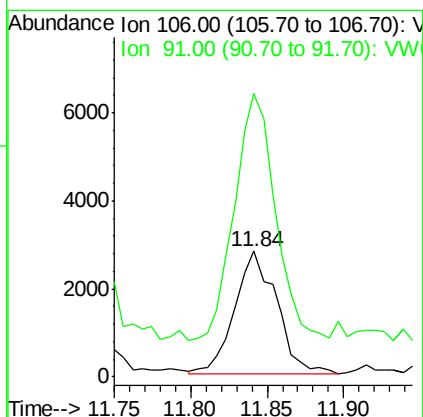
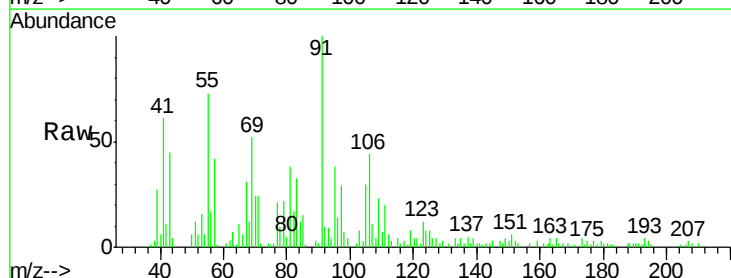
Instrument :
MSVOA_W
ClientSampleId :
TP-2-DRE

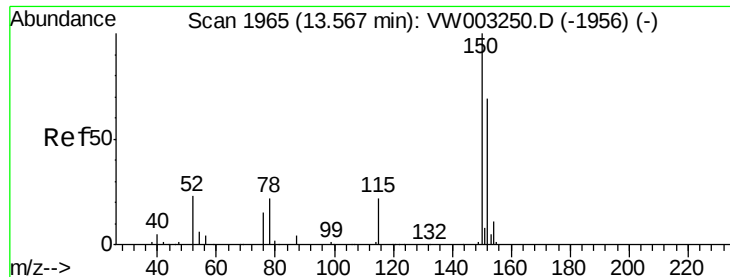
Tot Ion:117 Resp: 213316
Ion Ratio Lower Upper
117 100
82 58.4 44.6 67.0
119 32.2 26.7 40.1



#68
m/p-Xylenes
Concen: 1.78 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Tgt Ion:106 Resp: 5338
Ion Ratio Lower Upper
106 100
91 196.1 165.4 248.0



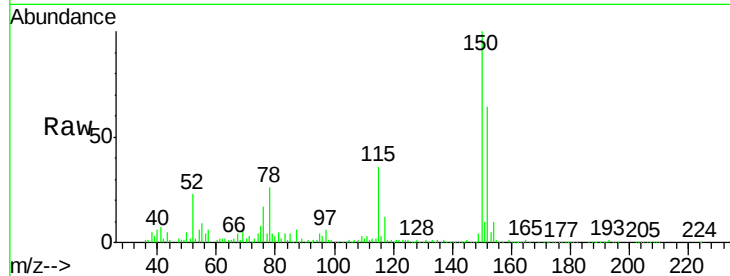


#72

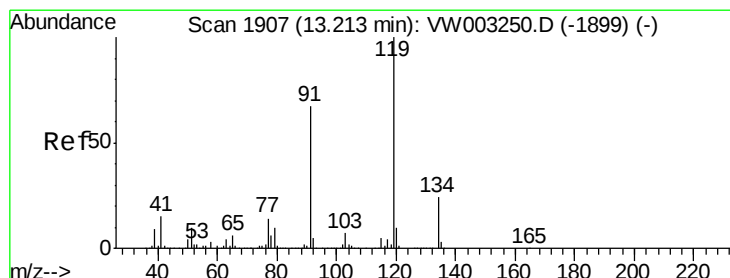
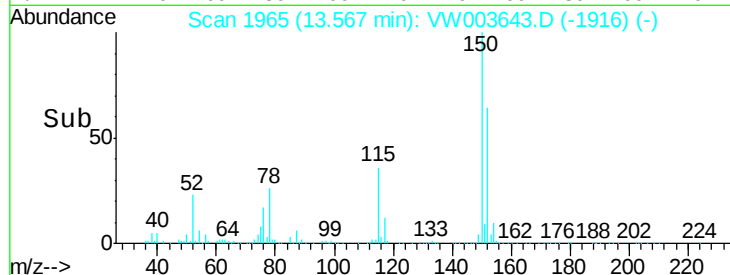
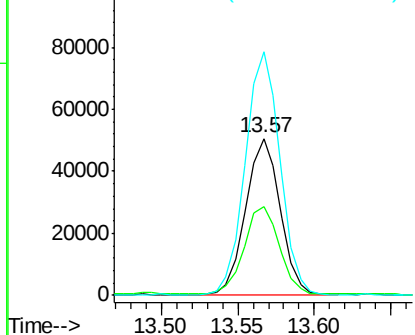
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Instrument :
MSVOA_W
ClientSampleId :
TP-2-DRE

Tot Ion:152 Resp: 78825
Ion Ratio Lower Upper
152 100
115 57.7 29.3 88.0
150 156.9 0.0 349.6



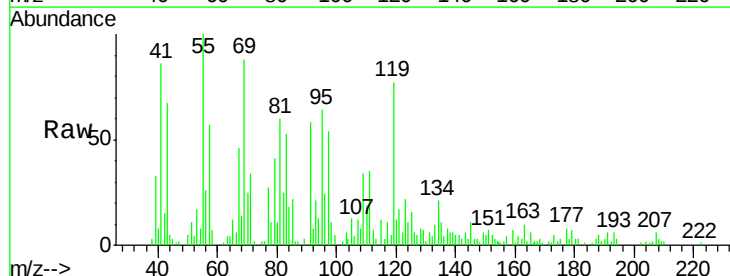
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



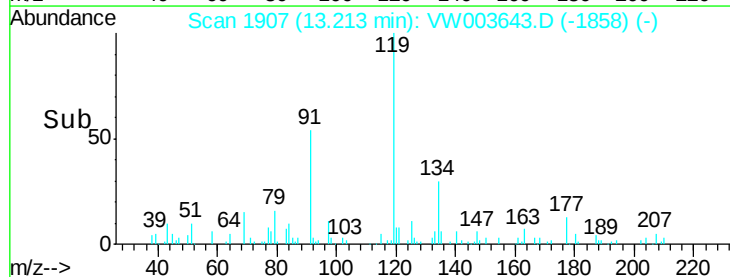
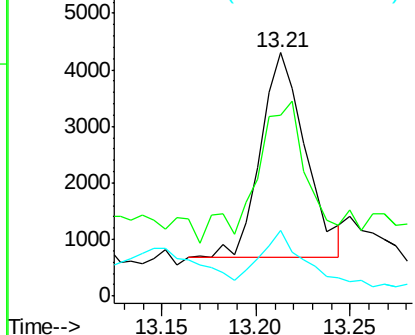
#83

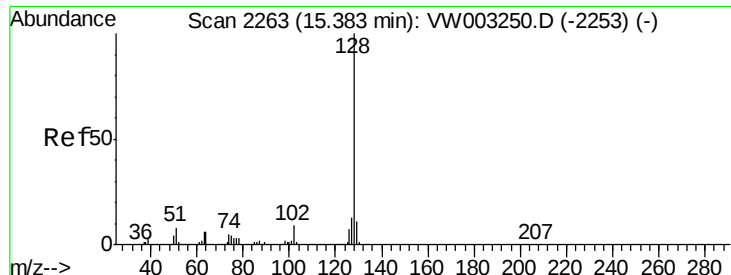
tert-Butylbenzene
Concen: 1.52 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Tgt Ion:119 Resp: 5977
Ion Ratio Lower Upper
119 100
91 78.8 33.9 101.7
134 36.3 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

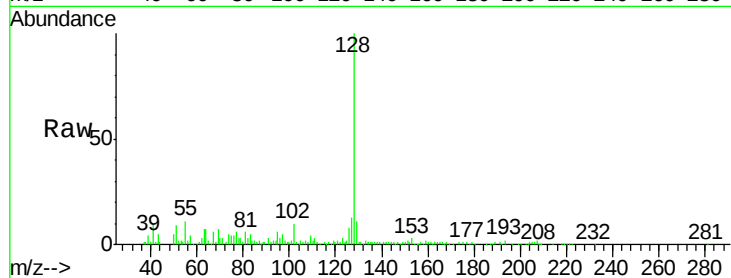




#95
Naphthalene
Concen: 17.88 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003643.D
Acq: 28 Jun 2018 17:16

Instrument :
MSVOA_W
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	12.3	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

