

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011467.D
 Acq On : 24 Jul 2019 11:48
 Operator : SY/VA
 Sample : K3934-02RE
 Misc : 4.40G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2S-2RE

Quant Time: Jul 25 04:16:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	45700	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	54435	52.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.12%	
35) Dibromofluoromethane	7.88	113	41571	52.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.80%	
50) Toluene-d8	10.32	98	164086	51.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.62	95	52361	44.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.10%	

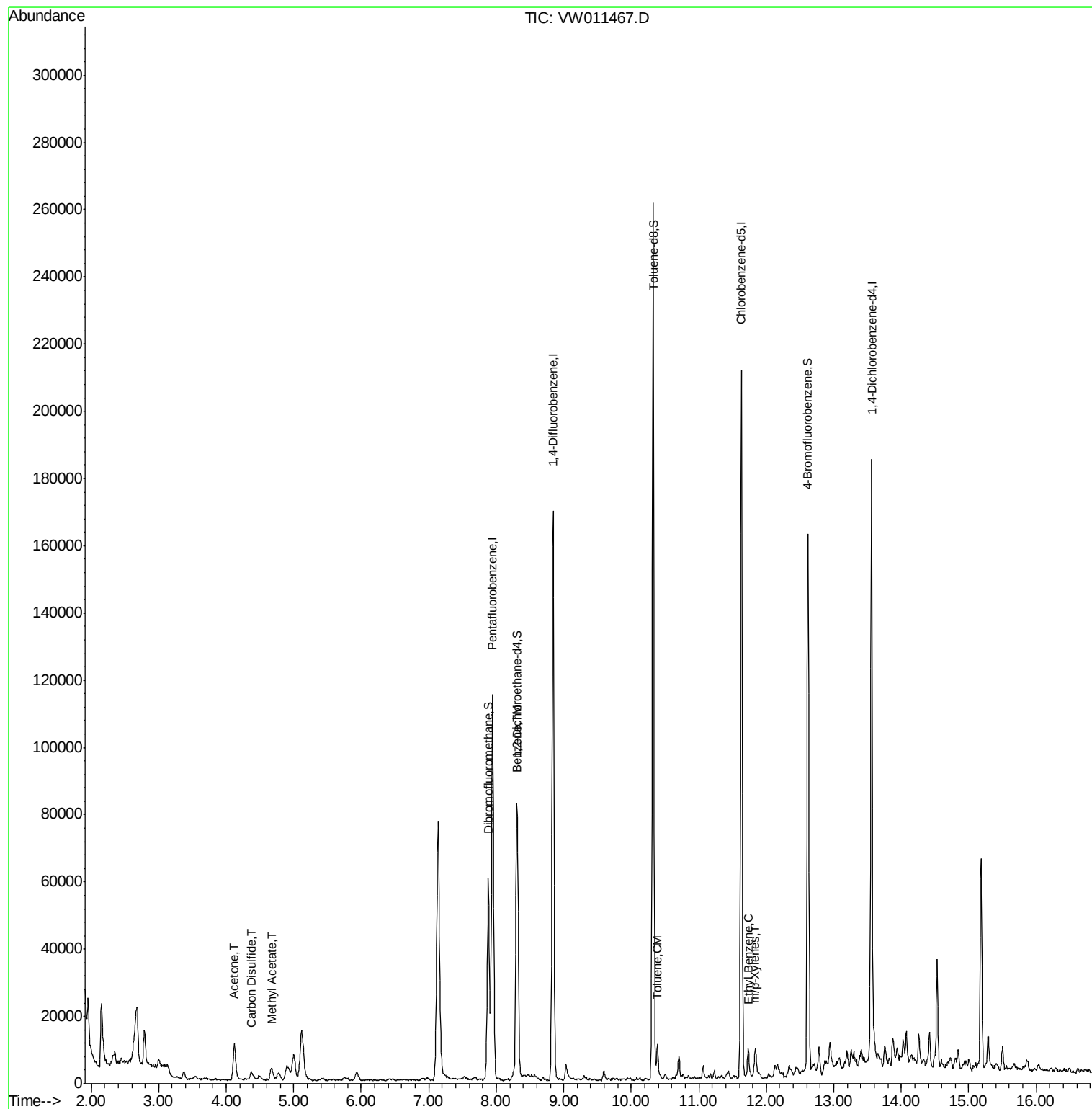
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	19373	77.003	ug/l	93
17) Carbon Disulfide	4.37	76	3576	1.276	ug/l #	80
18) Methyl Acetate	4.67	43	8187	10.322	ug/l	99
40) Benzene	8.32	78	21406	5.465	ug/l	93
52) Toluene	10.39	92	3995	1.681	ug/l	93
67) Ethyl Benzene	11.73	91	5318	1.196	ug/l #	87
68) m/p-Xylenes	11.84	106	2094	1.301	ug/l	97

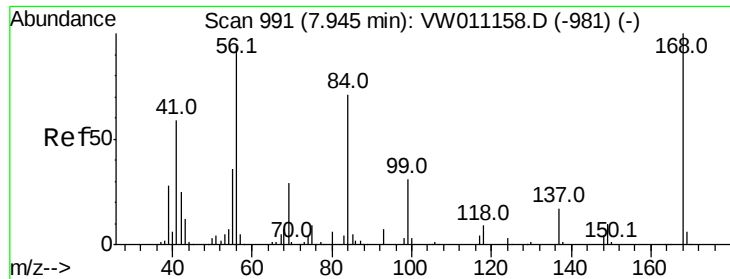
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011467.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

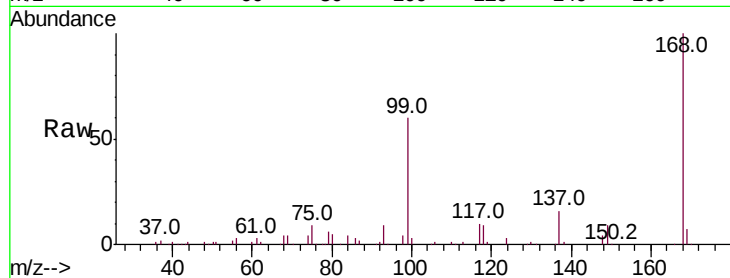
TP-2S-2RE

Tot Ion:168 Resp: 83214

Ion Ratio Lower Upper

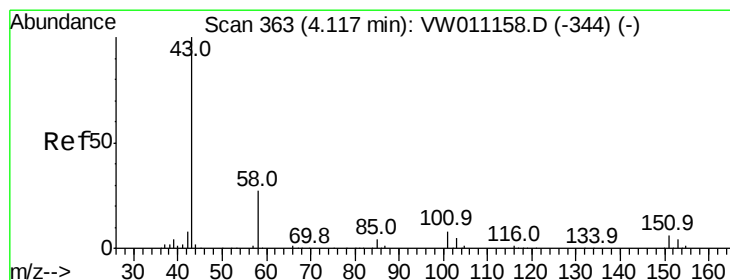
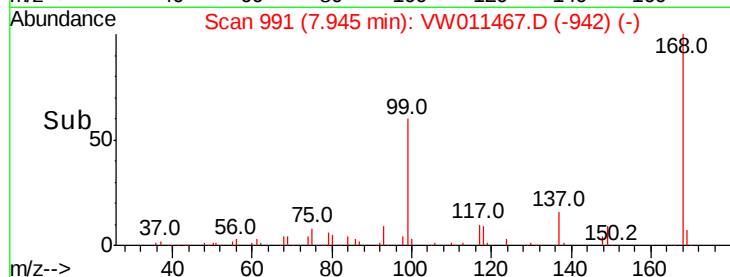
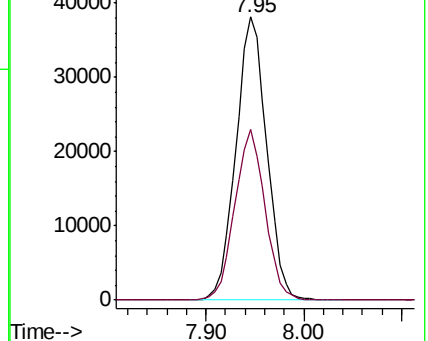
168 100

99 60.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 77.003 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011467.D

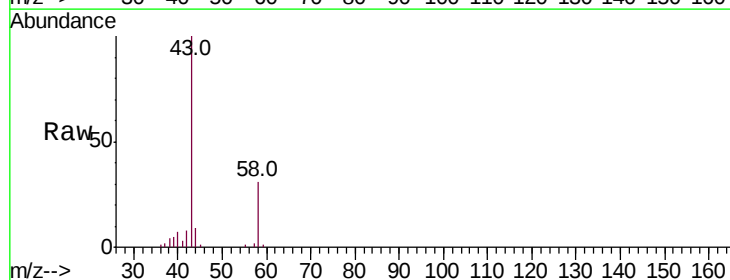
Acq: 24 Jul 2019 11:48

Tgt Ion: 43 Resp: 19373

Ion Ratio Lower Upper

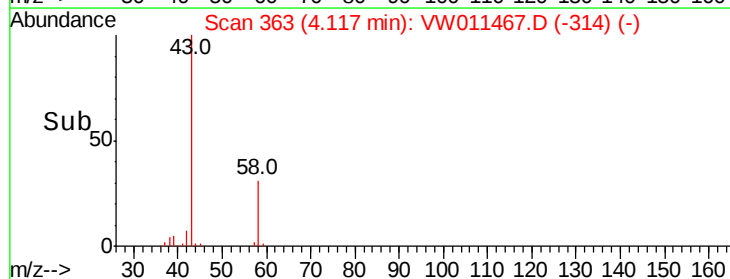
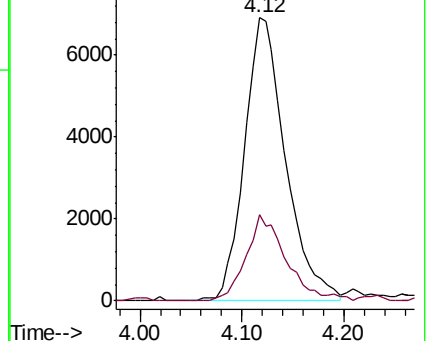
43 100

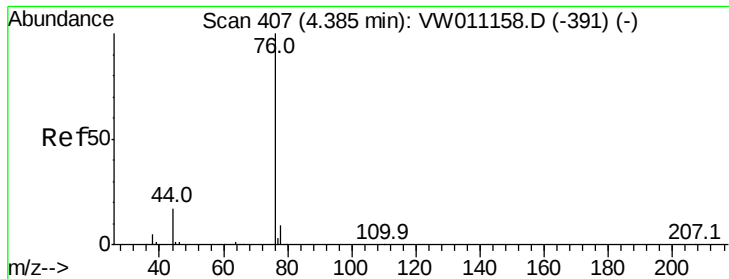
58 30.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

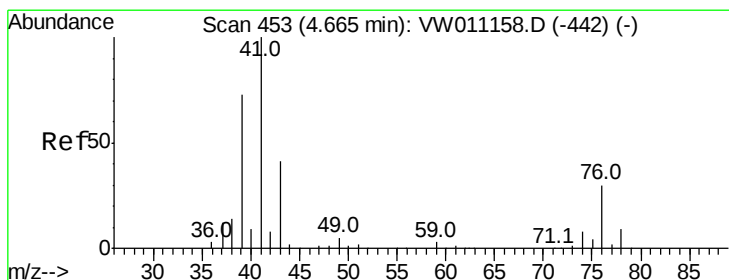
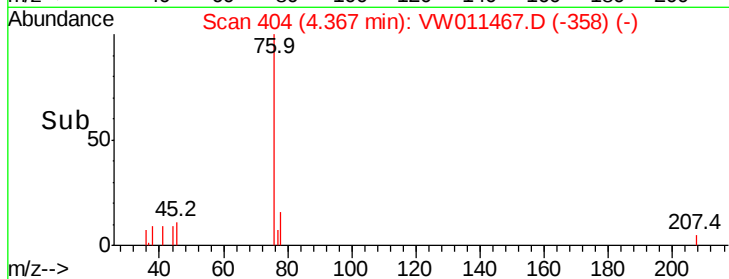
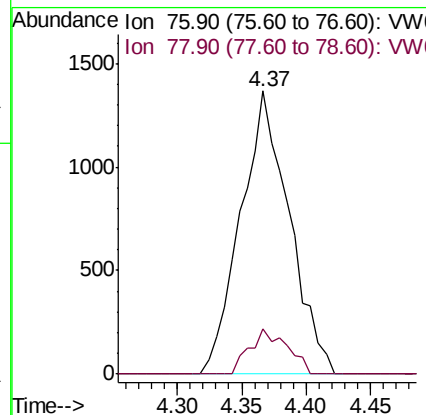
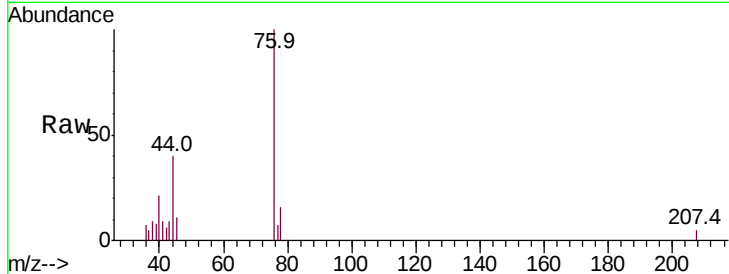




#17
Carbon Disulfide
Concen: 1.276 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.02 min
Lab File: VW011467.D
Acq: 24 Jul 2019 11:48

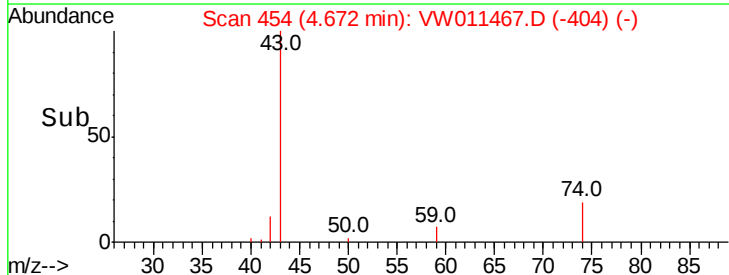
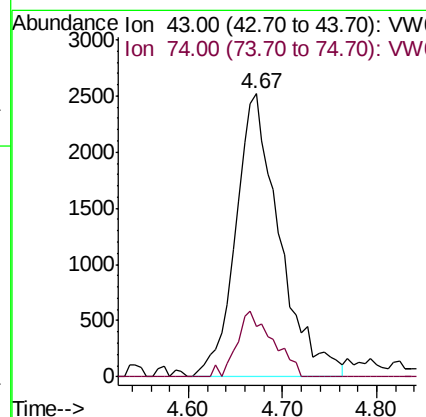
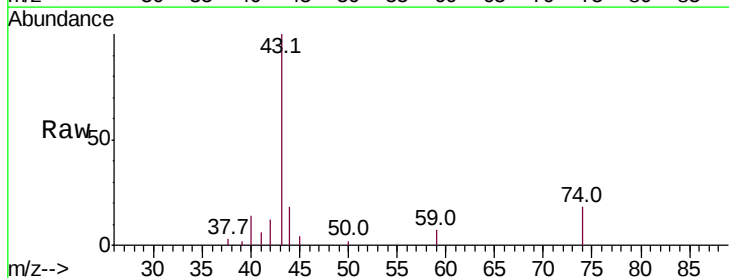
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MSVOA_W
ClientSampleId :
TP-2S-2RE

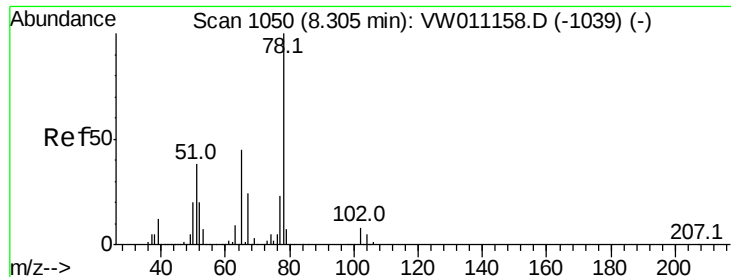
Tot Ion: 76 Resp: 3576
Ion Ratio Lower Upper
76 100
78 16.0 7.1 10.7#



#18
Methyl Acetate
Concen: 10.322 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011467.D
Acq: 24 Jul 2019 11:48

Tgt Ion: 43 Resp: 8187
Ion Ratio Lower Upper
43 100
74 19.0 15.7 23.5





#33

1,2-Dichloroethane-d4

Concen: 52.060 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

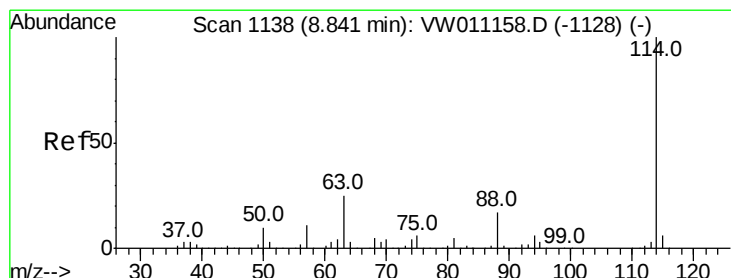
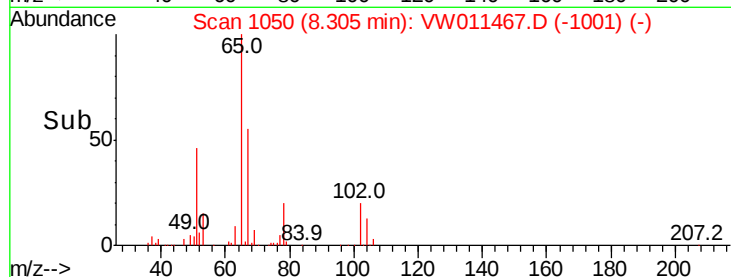
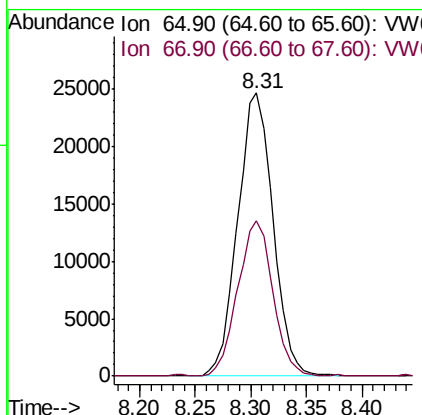
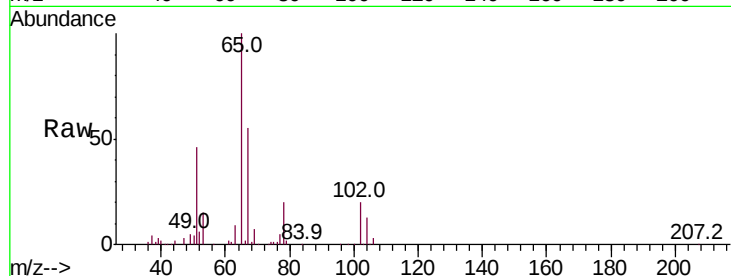
Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

Instrument :
MSVOA_W
ClientSampled :
TP-2S-2RE

Tot Ion: 65 Resp: 54435

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

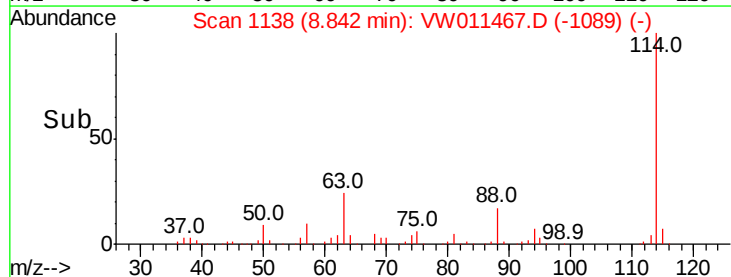
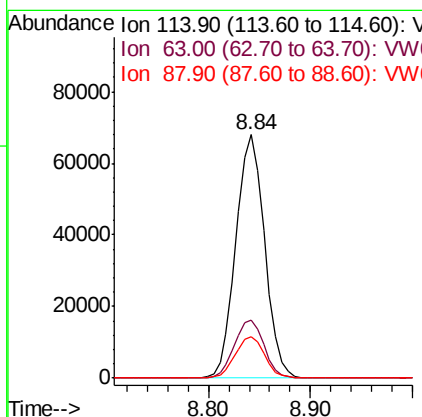
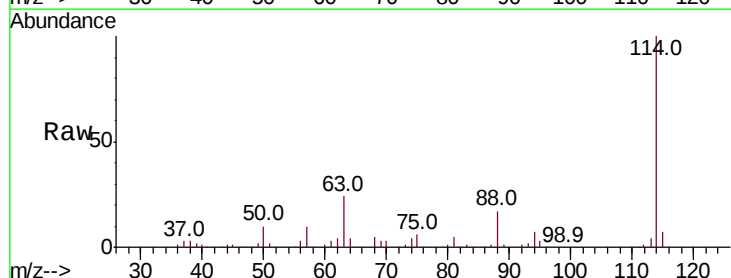
Delta R.T. 0.00 min

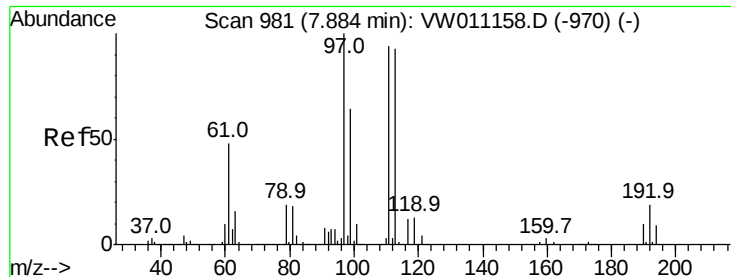
Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

Tgt Ion: 114 Resp: 133095

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.8
88	17.2	0.0	34.2

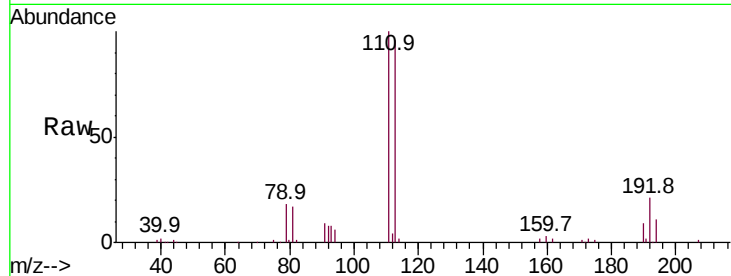




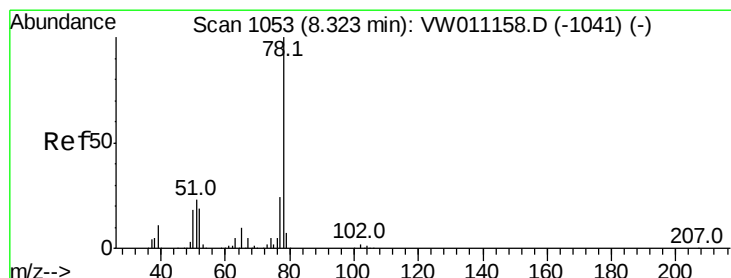
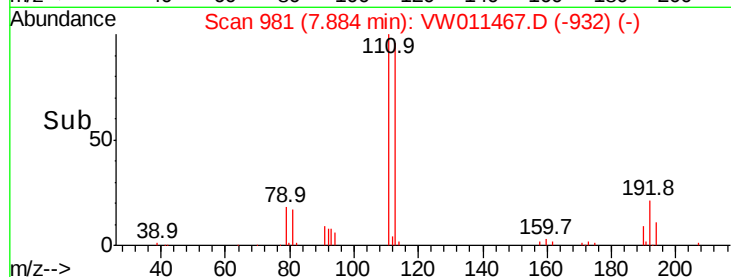
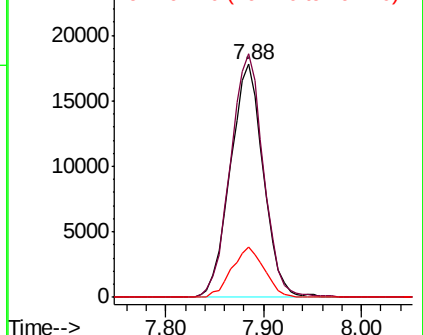
#35
 Dibromofluoromethane
 Concen: 52.402 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011467.D
 Acq: 24 Jul 2019 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2S-2RE

Tot Ion:113 Resp: 41571
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.4 123.6
 192 21.2 15.8 23.8

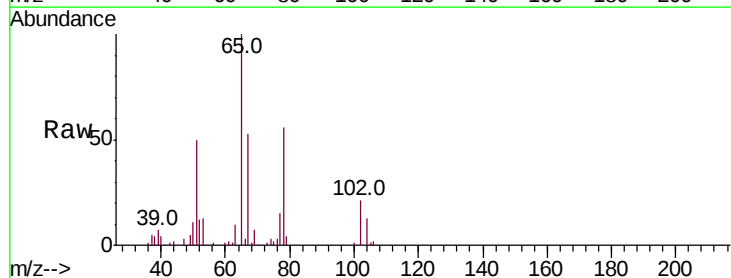


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

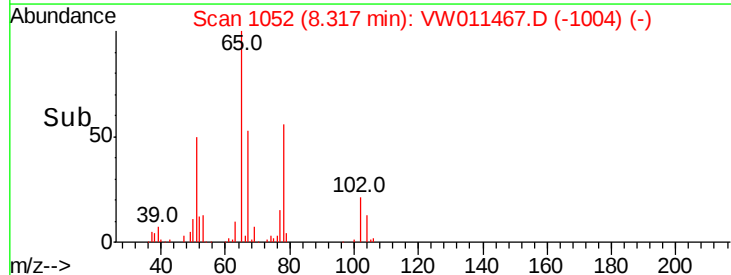
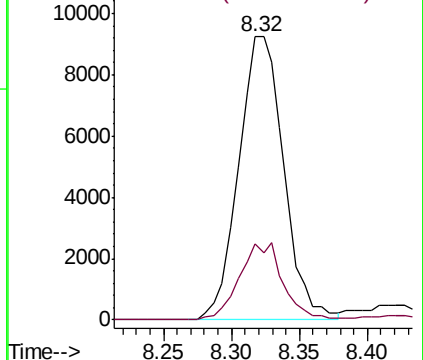


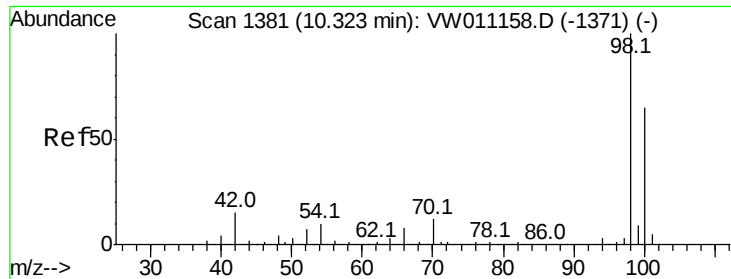
#40
 Benzene
 Concen: 5.465 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VW011467.D
 Acq: 24 Jul 2019 11:48

Tgt Ion: 78 Resp: 21406
 Ion Ratio Lower Upper
 78 100
 77 27.0 19.0 28.6



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





#50

Toluene-d8

Concen: 51.170 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

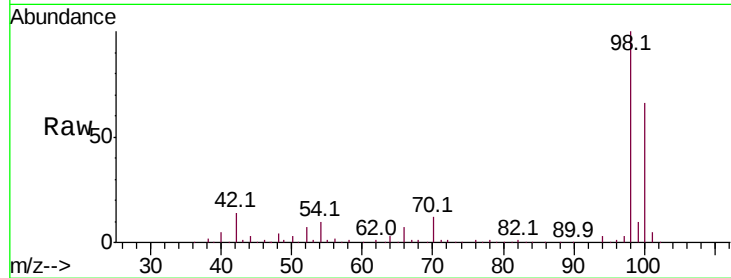
TP-2S-2RE

Tot Ion: 98 Resp: 164086

Ion Ratio Lower Upper

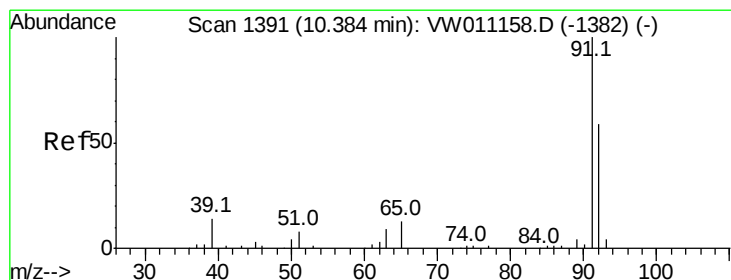
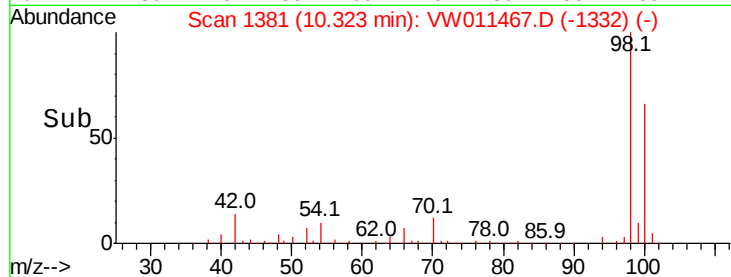
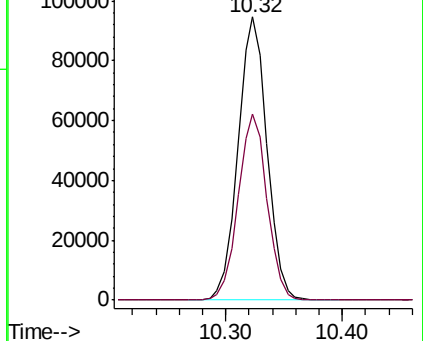
98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.681 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011467.D

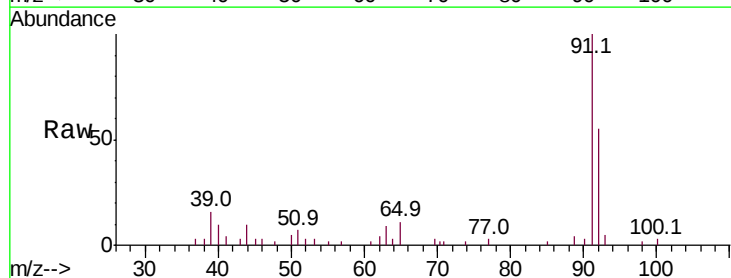
Acq: 24 Jul 2019 11:48

Tgt Ion: 92 Resp: 3995

Ion Ratio Lower Upper

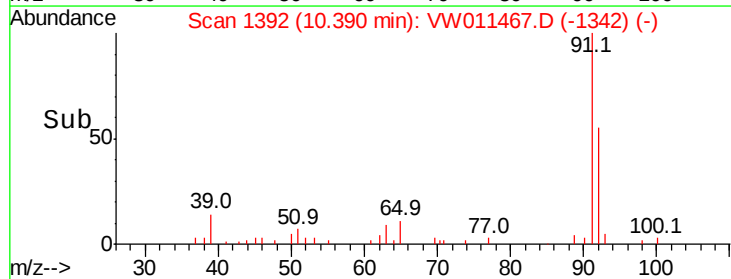
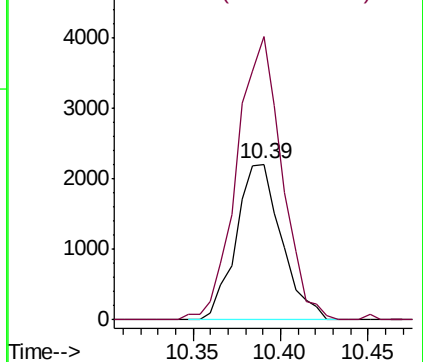
92 100

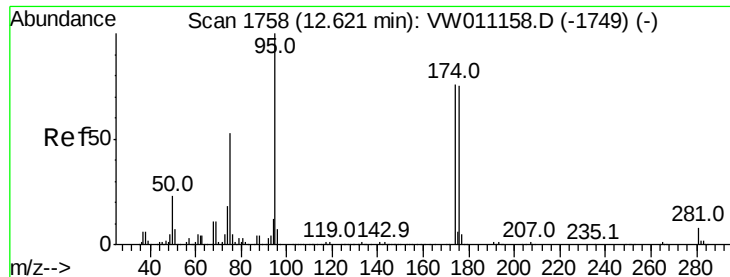
91 180.6 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 44.549 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

TP-2S-2RE

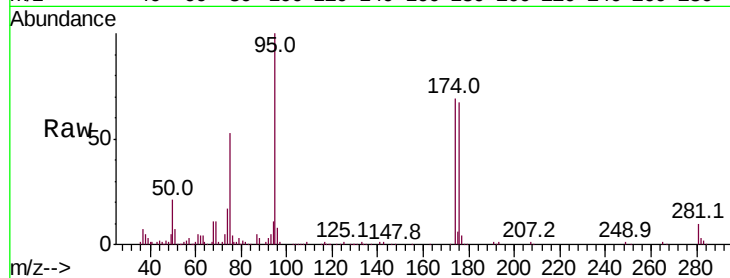
Tot Ion: 95 Resp: 52361

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.6

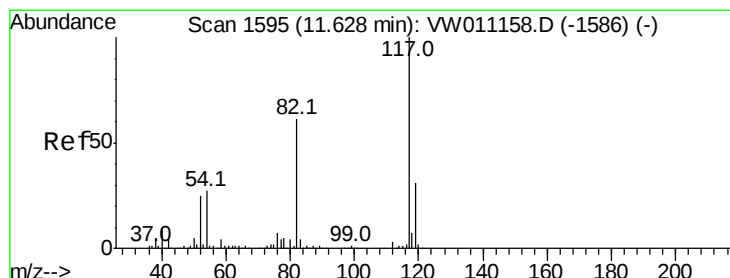
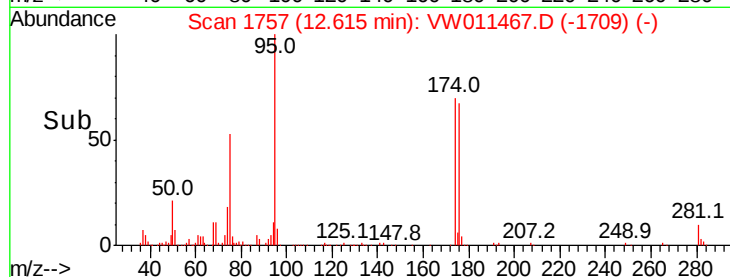
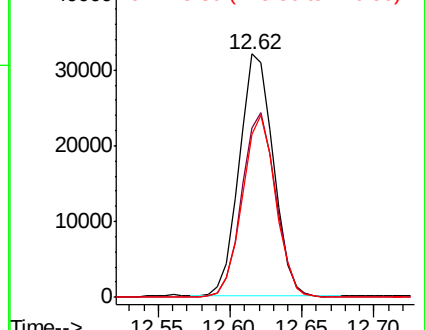
176 73.8 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

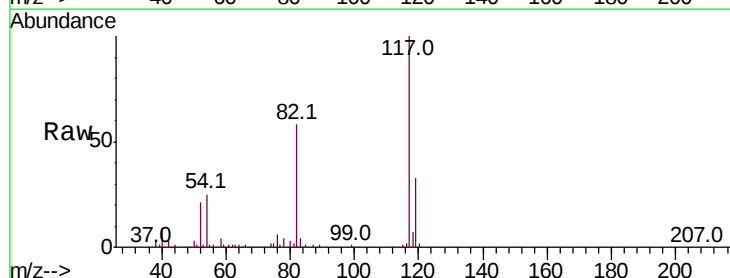
Tgt Ion: 117 Resp: 114265

Ion Ratio Lower Upper

117 100

82 57.6 48.9 73.3

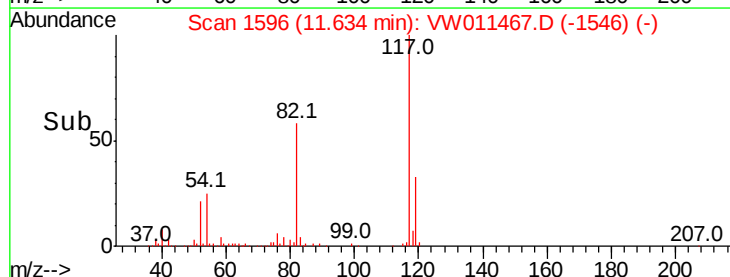
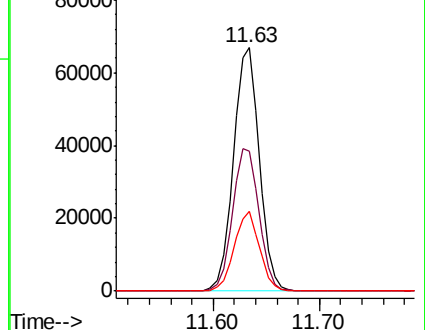
119 32.7 25.0 37.6

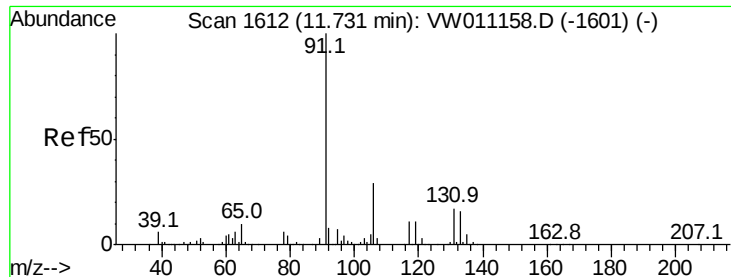


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

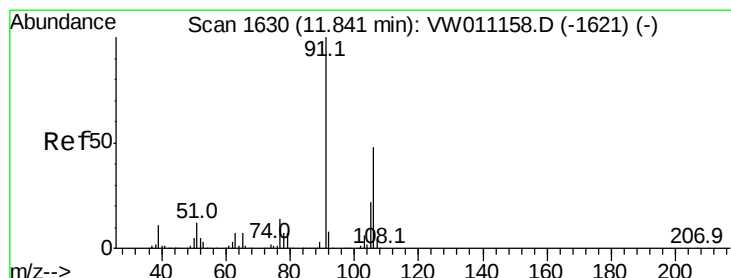
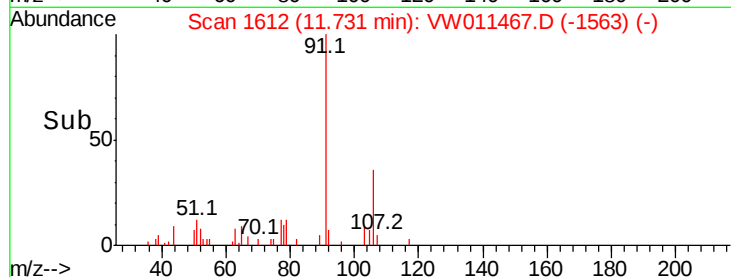
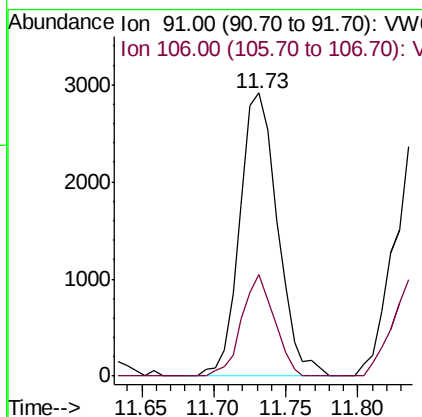
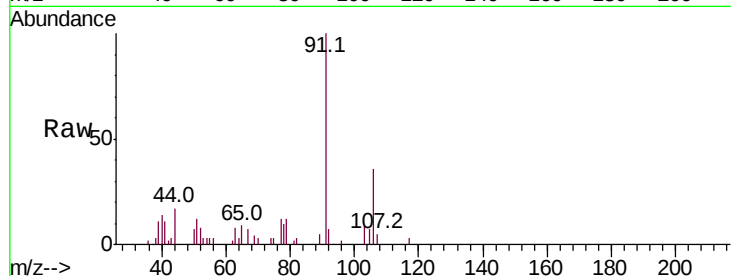




#67
Ethyl Benzene
Concen: 1.196 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011467.D
Acq: 24 Jul 2019 11:48

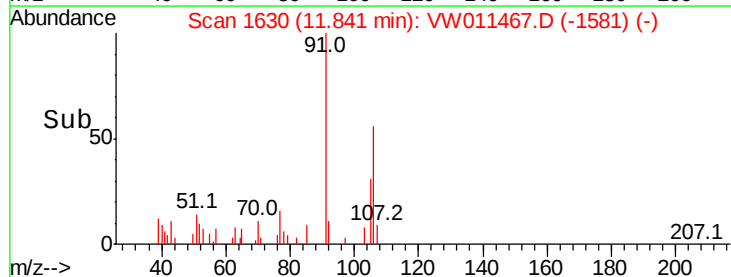
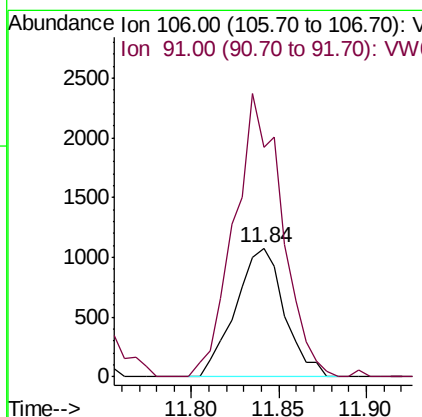
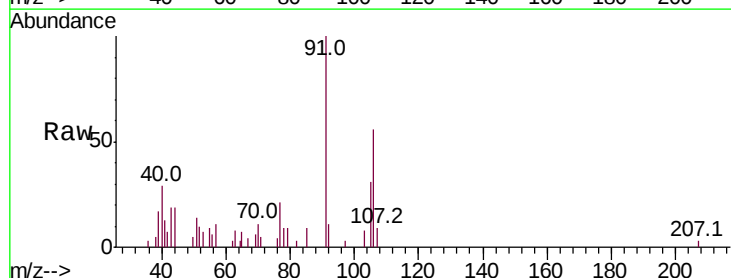
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MSVOA_W
ClientSampleId :
TP-2S-2RE

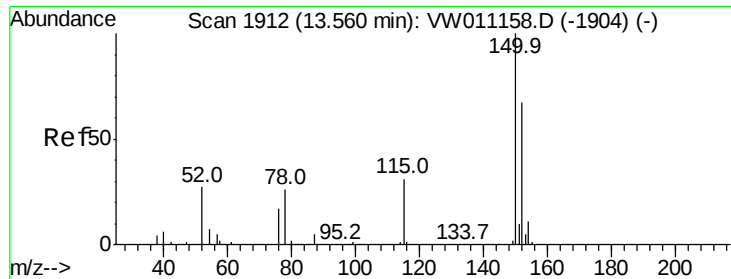
Tot Ion: 91 Resp: 5318
Ion Ratio Lower Upper
91 100
106 36.1 23.5 35.3#



#68
m/p-Xylenes
Concen: 1.301 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011467.D
Acq: 24 Jul 2019 11:48

Tgt Ion: 106 Resp: 2094
Ion Ratio Lower Upper
106 100
91 215.0 167.7 251.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011467.D

Acq: 24 Jul 2019 11:48

Instrument :

MSVOA_W

ClientSampleId :

TP-2S-2RE

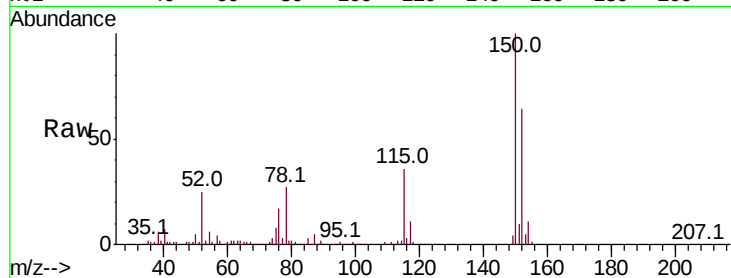
Tot Ion:152 Resp: 45700

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 156.2 0.0 346.0



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

