

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008031.D
 Acq On : 03 Jan 2019 19:51
 Operator : SY/AP
 Sample : K1017-01RE
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1RE

Quant Time: Jan 04 04:25:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

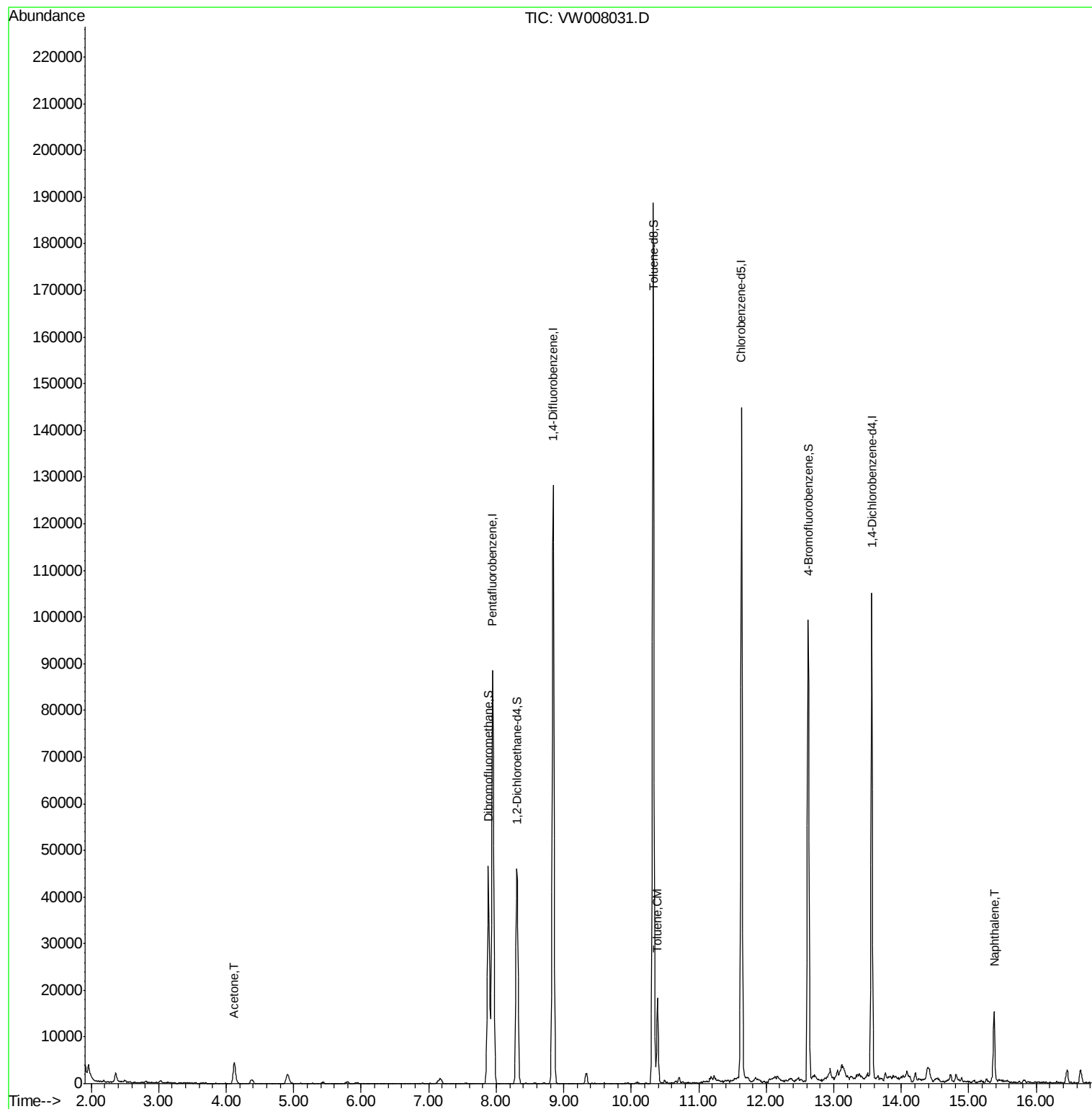
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37901	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	7.88	113	33787	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	10.32	98	124297	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	33318	34.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.58%	
Target Compounds						
16) Acetone	4.12	43	7991	73.943	ug/l	94
52) Toluene	10.39	92	7659	4.160	ug/l	95
95) Naphthalene	15.38	128	13176	14.667	ug/l	96

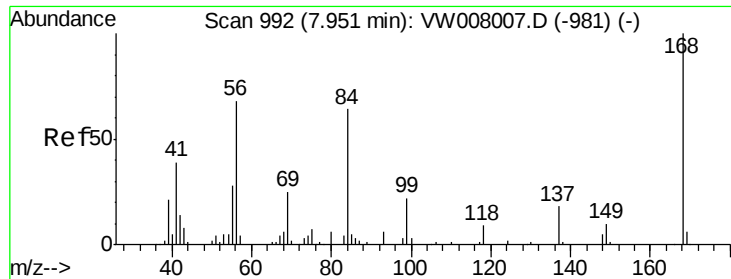
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008031.D

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Instrument :

MSVOA_W

ClientSampleId :

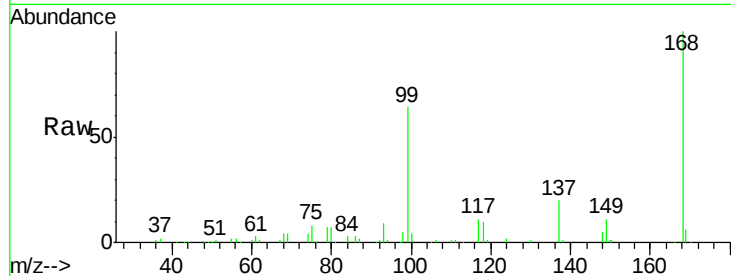
TP-1RE

Tot Ion:168 Resp: 63120

Ion Ratio Lower Upper

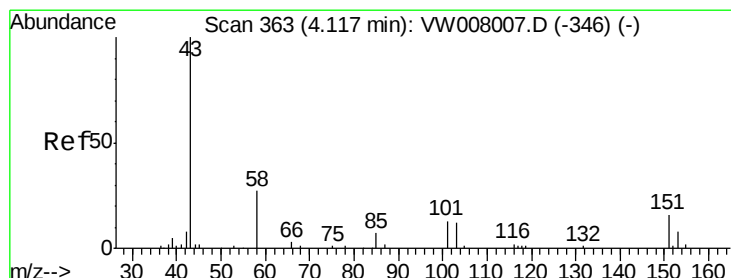
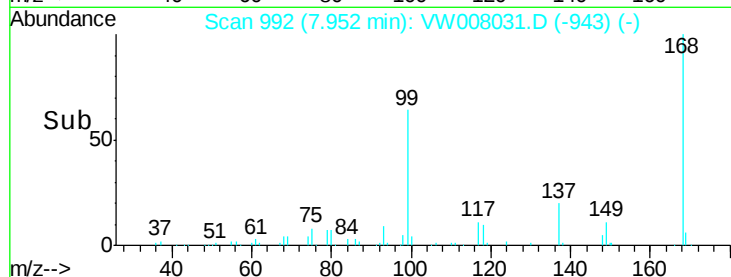
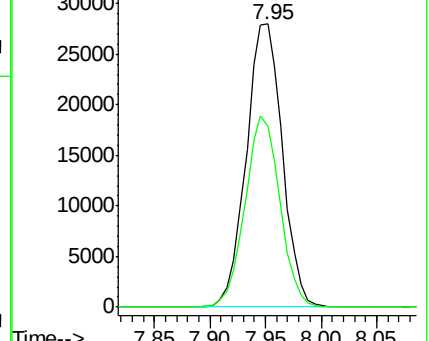
168 100

99 64.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 73.943 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008031.D

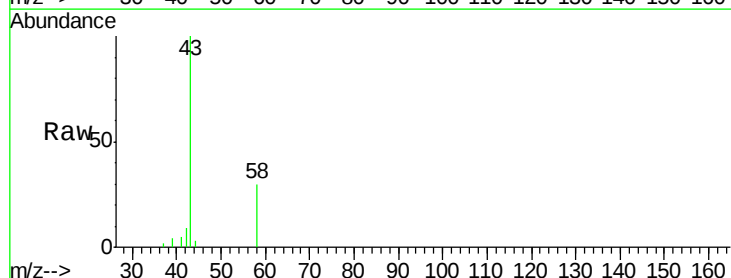
Acq: 03 Jan 2019 19:51

Tgt Ion: 43 Resp: 7991

Ion Ratio Lower Upper

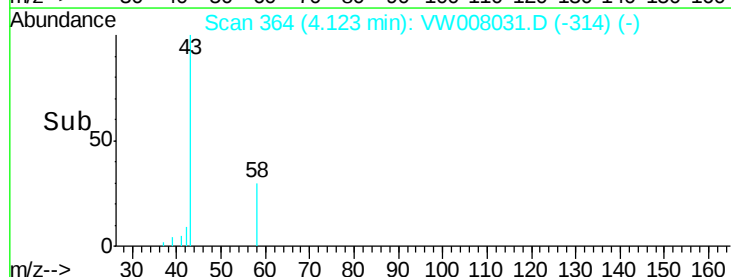
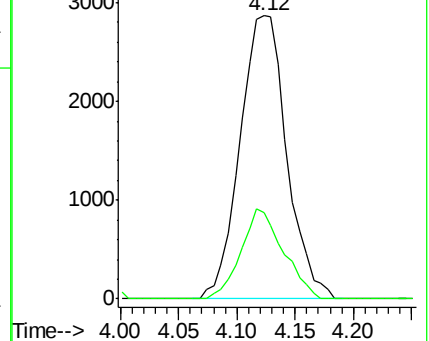
43 100

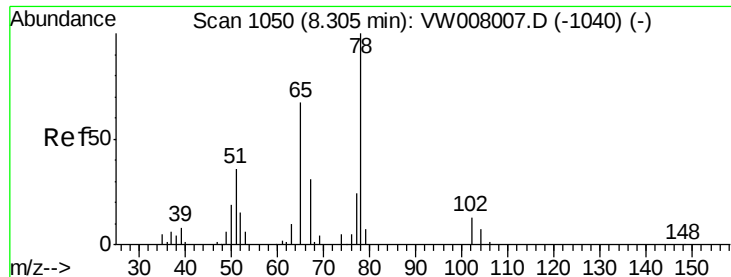
58 30.5 21.7 32.5



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: 54.288 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampled :

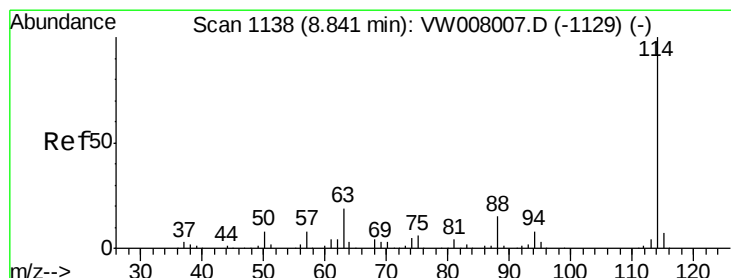
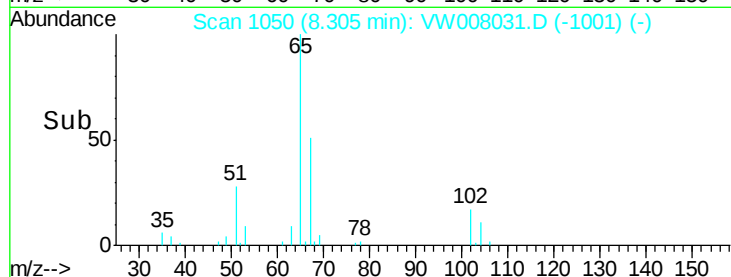
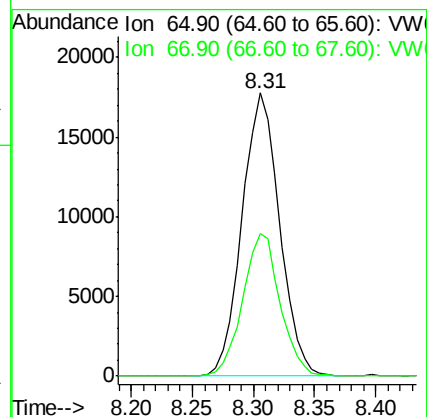
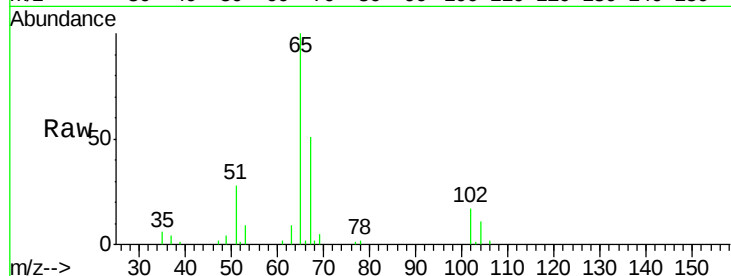
TP-1RE

Tot Ion: 65 Resp: 37901

Ion Ratio Lower Upper

65 100

67 49.9 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

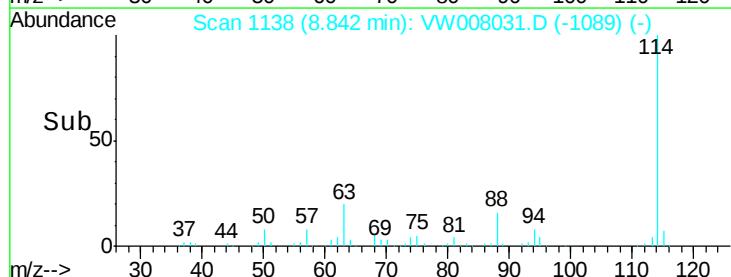
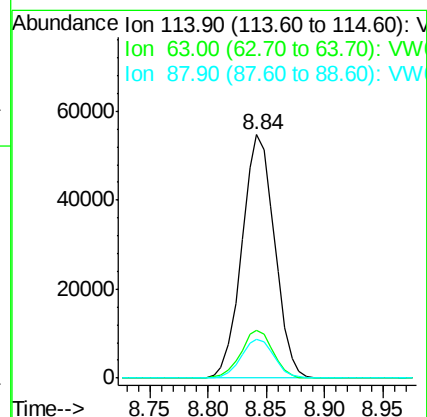
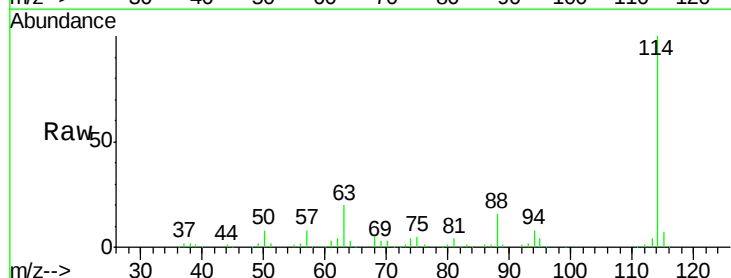
Tgt Ion: 114 Resp: 107153

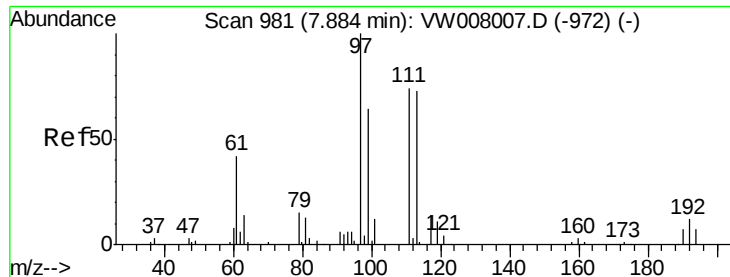
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.8

88 15.7 0.0 31.0

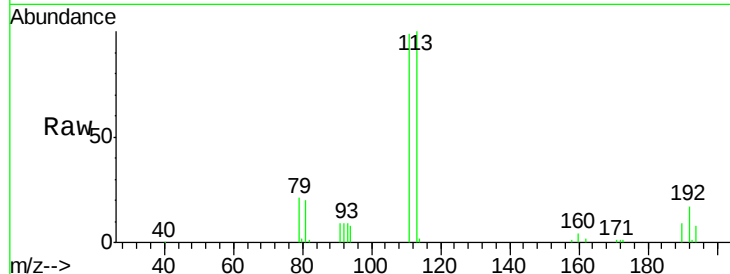




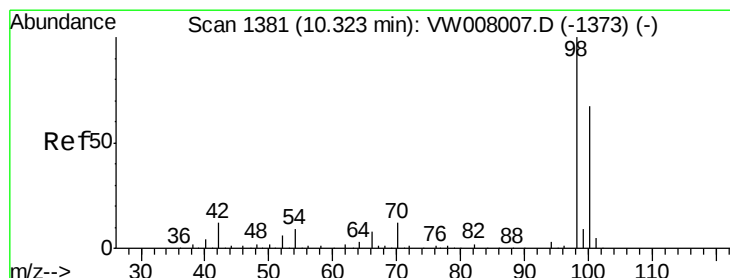
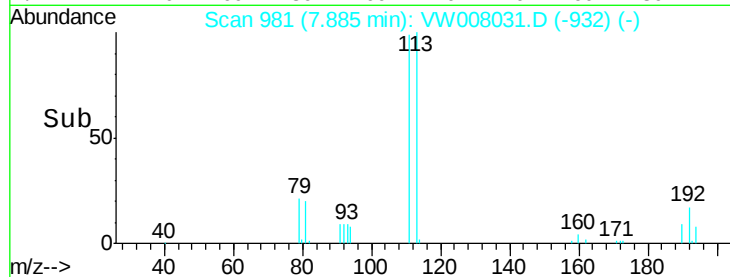
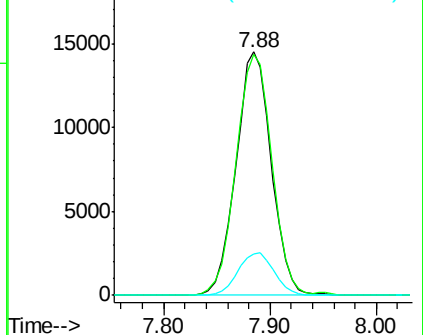
#35
 Dibromofluoromethane
 Concen: 50.018 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008031.D
 Acq: 03 Jan 2019 19:51

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1RE

Tot Ion:113 Resp: 33787
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.0
 192 17.8 14.8 22.2

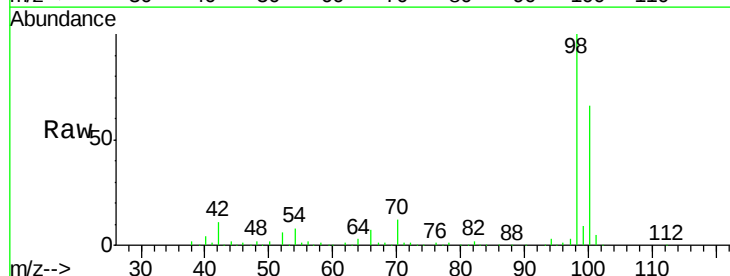


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

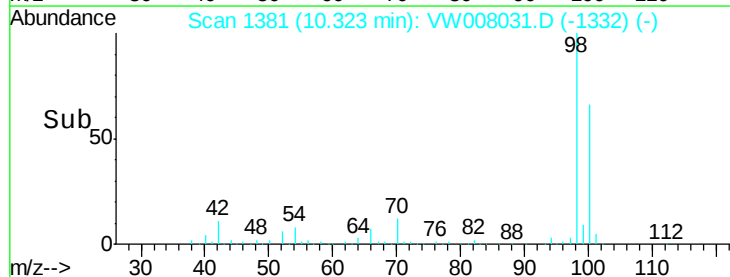
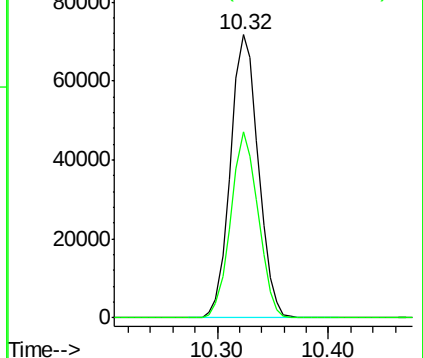


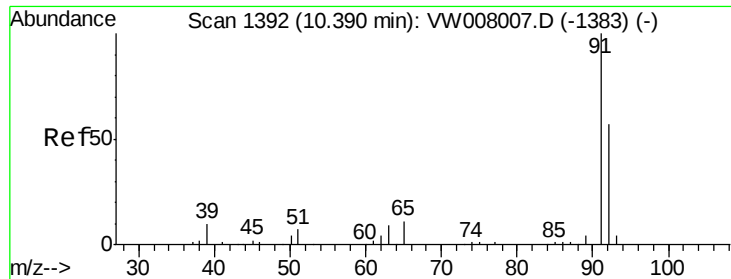
#50
 Toluene-d8
 Concen: 49.053 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008031.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 98 Resp: 124297
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 4.160 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

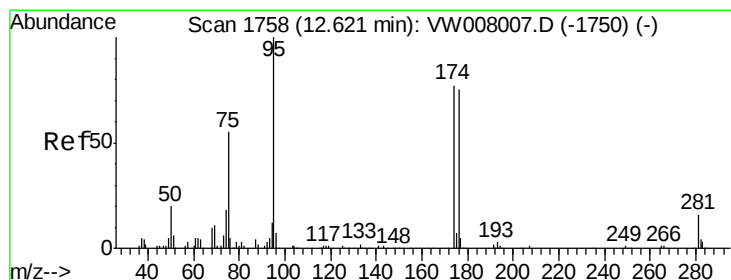
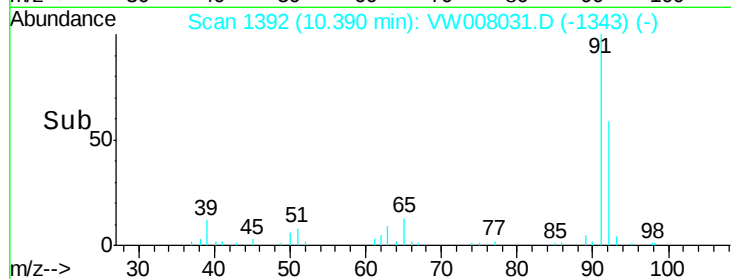
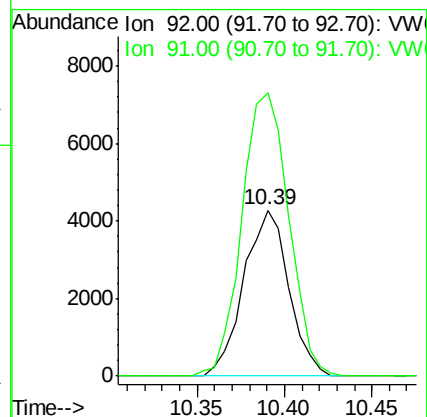
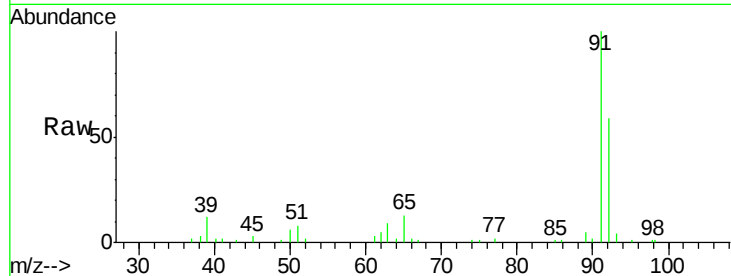
TP-1RE

Tot Ion: 92 Resp: 7659

Ion Ratio Lower Upper

92 100

91 177.8 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 34.285 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

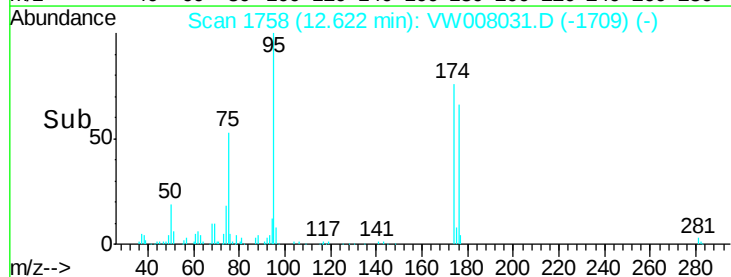
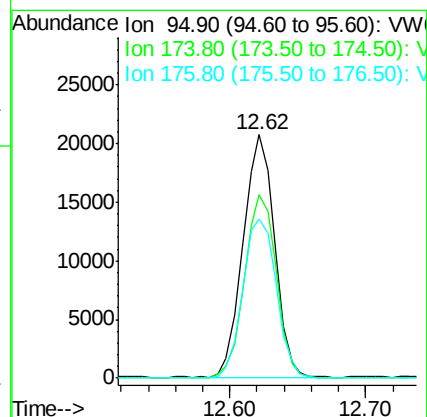
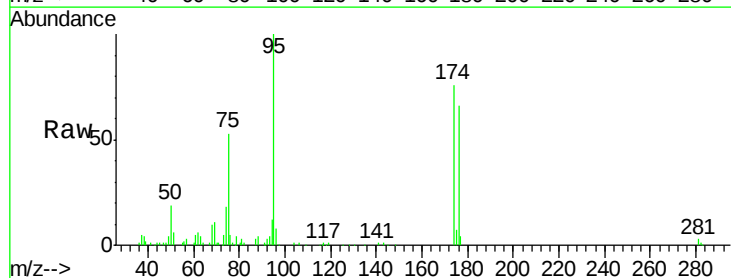
Tgt Ion: 95 Resp: 33318

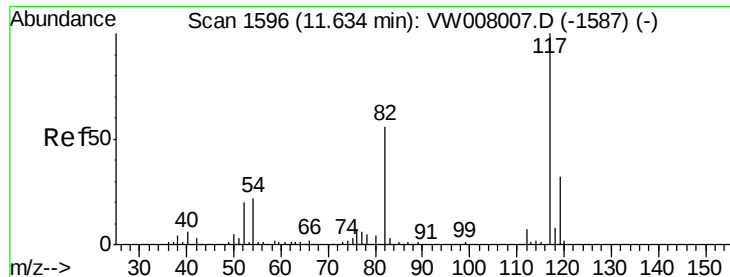
Ion Ratio Lower Upper

95 100

174 76.6 0.0 149.6

176 70.1 0.0 145.4

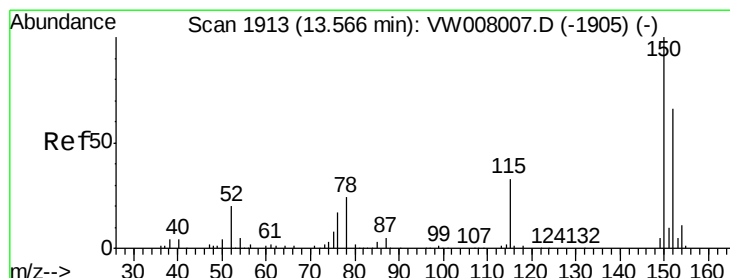
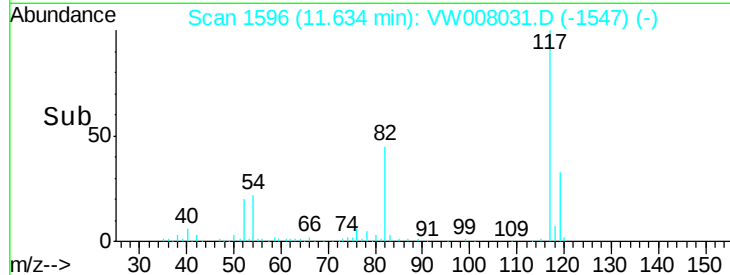
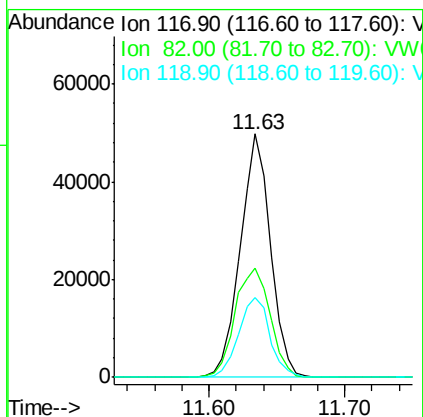
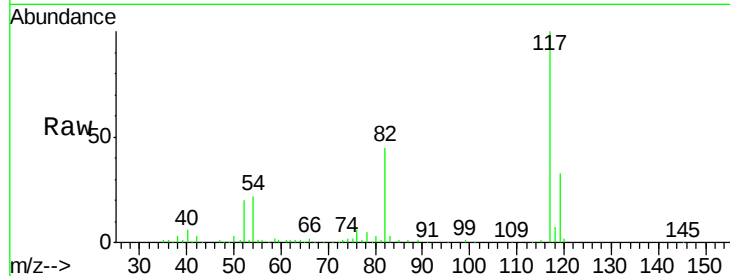




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

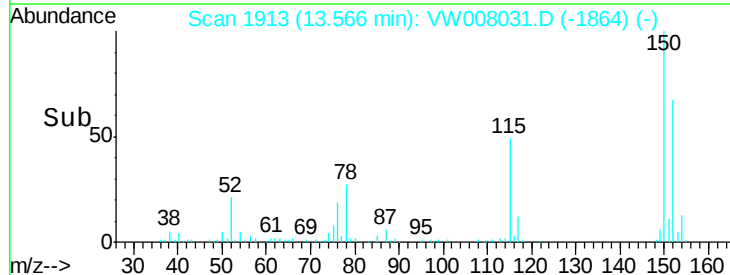
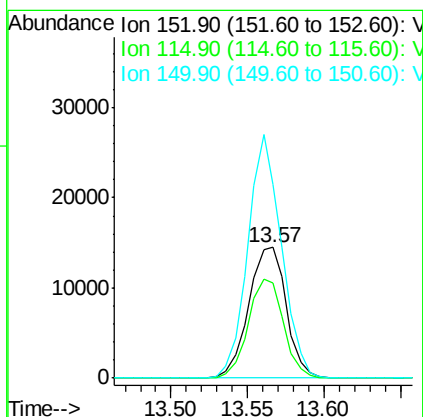
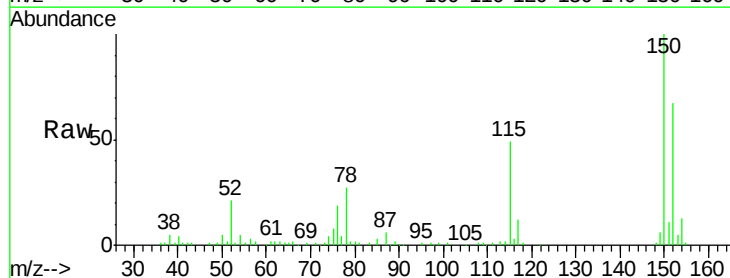
Instrument :
MSVOA_W
ClientSampleId :
TP-1RE

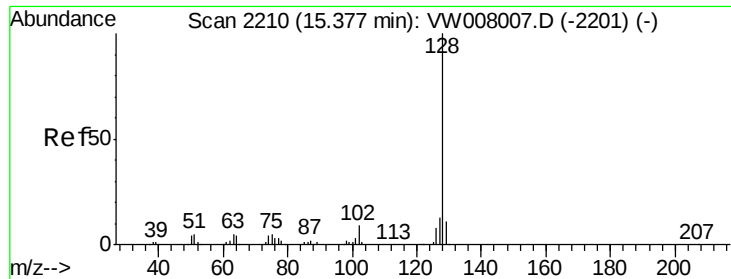
Tot Ion:117 Resp: 77141
Ion Ratio Lower Upper
117 100
82 45.0 44.8 67.2
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Tgt Ion:152 Resp: 24782
Ion Ratio Lower Upper
152 100
115 71.1 32.1 96.5
150 165.7 0.0 345.0

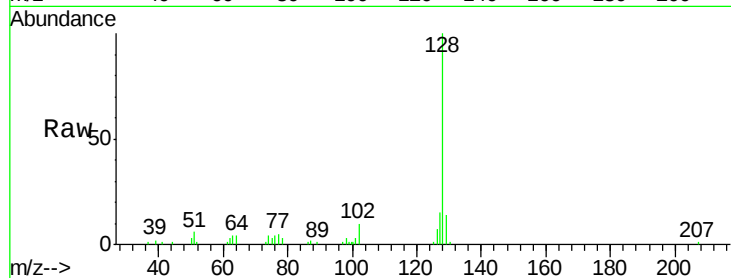




#95
Naphthalene
Concen: 14.667 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
TP-1RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.8	16.2
129	12.2	8.8	13.2



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

