

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007293.D
 Acq On : 06 Dec 2018 21:42
 Operator : SY/AP
 Sample : J6214-09RE
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)RE

Quant Time: Dec 07 02:16:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

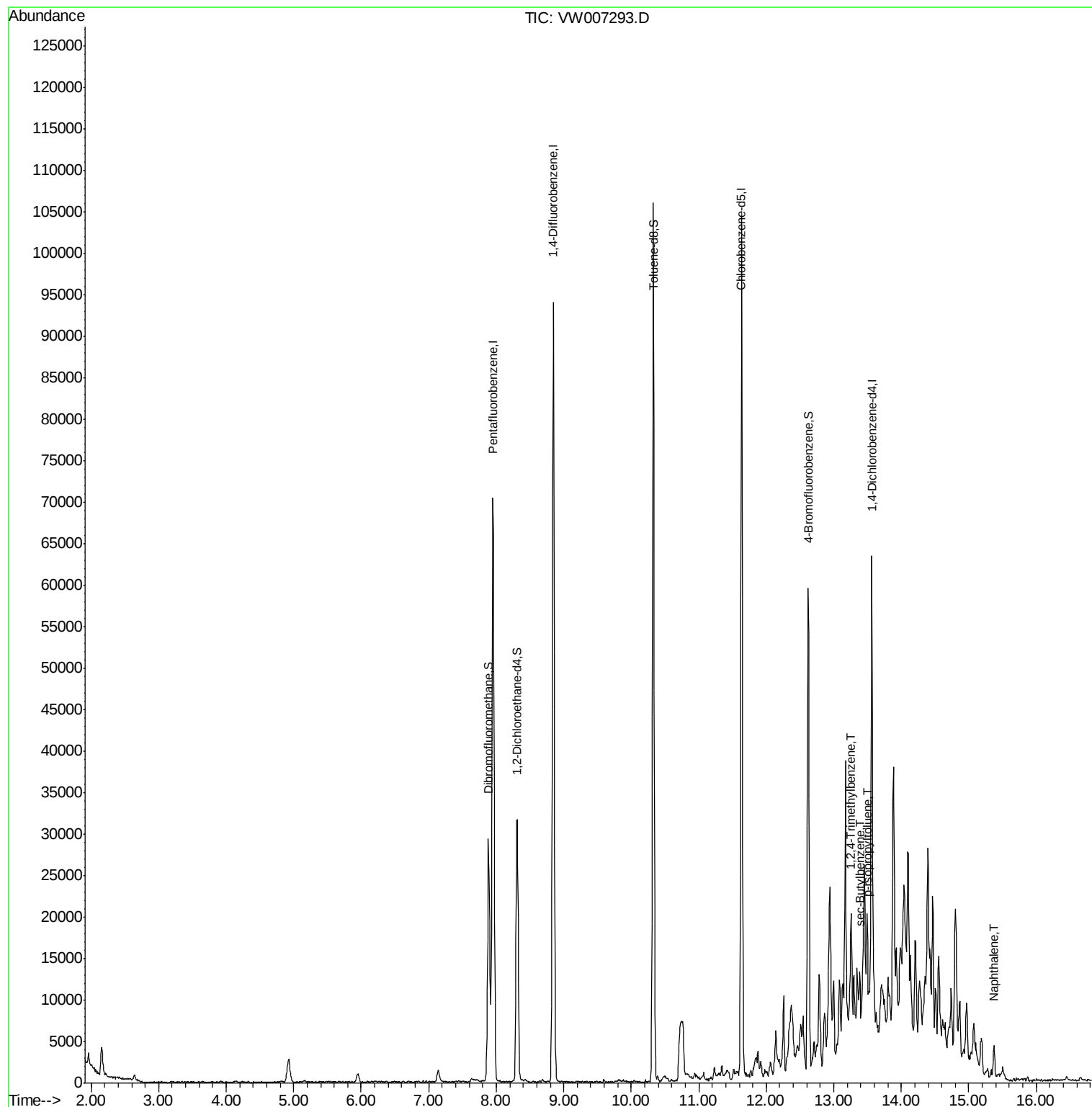
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	53664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	82367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	58410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26403	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	21969	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.32	98	74318	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.54%	
62) 4-Bromofluorobenzene	12.62	95	18963	24.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.36%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.26	105	7842	6.984	ug/l	91
85) sec-Butylbenzene	13.39	105	2206	1.608	ug/l #	77
86) p-Isopropyltoluene	13.51	119	1480	1.212	ug/l	87
95) Naphthalene	15.37	128	3948	6.445	ug/l	97

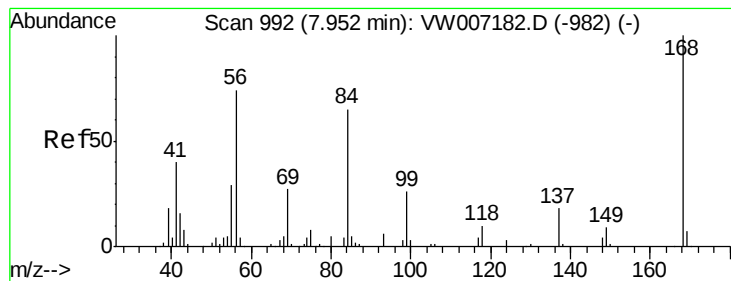
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 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: VW007293.D

Acq: 06 Dec 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

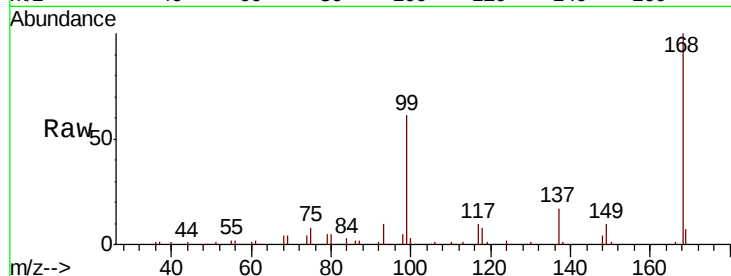
SB-4(0-2)RE

Tot Ion:168 Resp: 53664

Ion Ratio Lower Upper

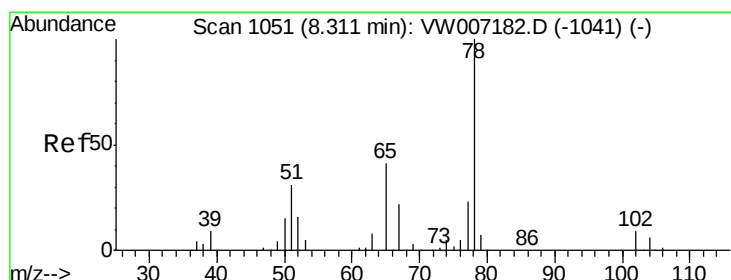
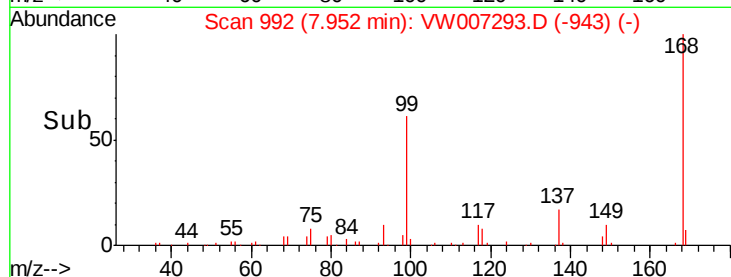
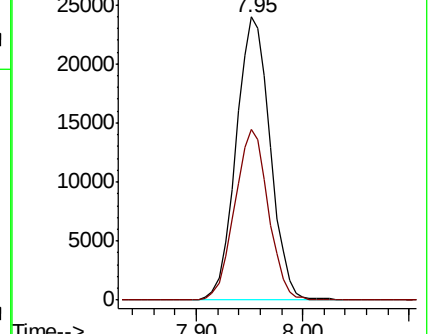
168 100

99 60.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.845 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007293.D

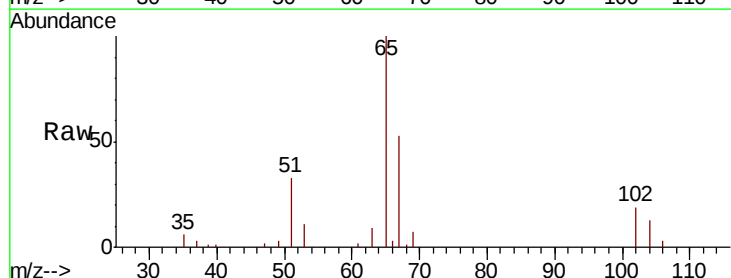
Acq: 06 Dec 2018 21:42

Tgt Ion: 65 Resp: 26403

Ion Ratio Lower Upper

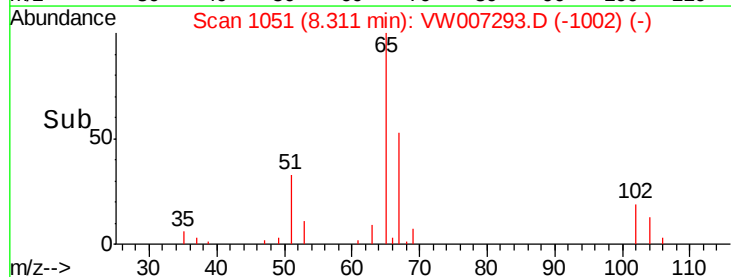
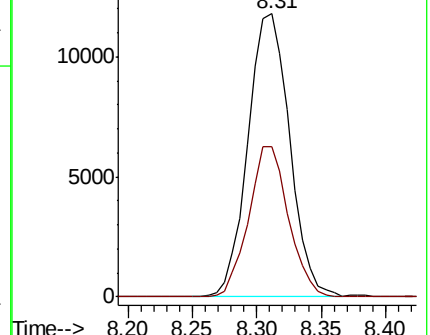
65 100

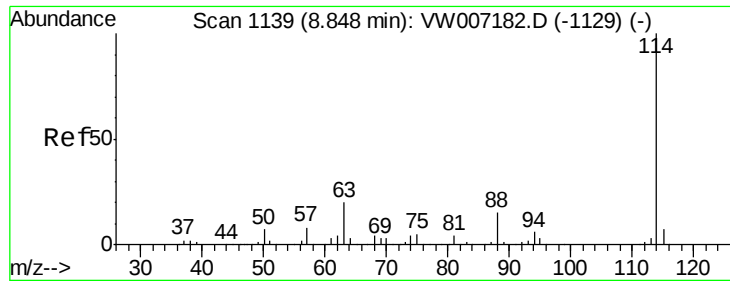
67 50.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

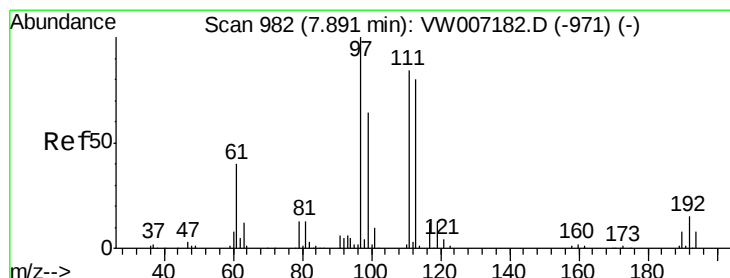
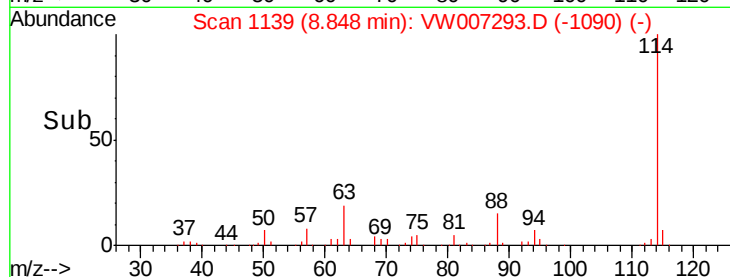
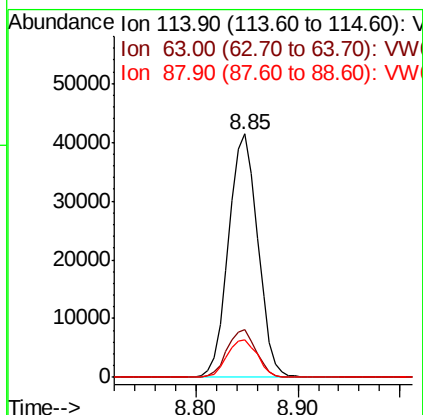
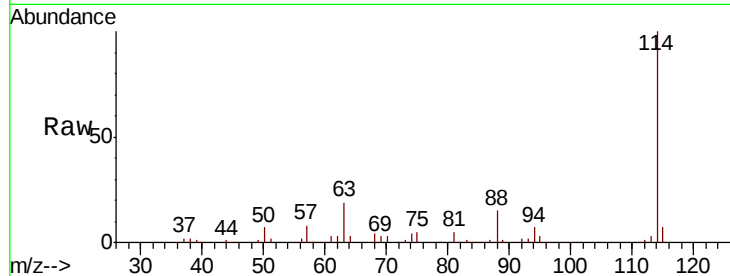




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007293.D
 Acq: 06 Dec 2018 21:42

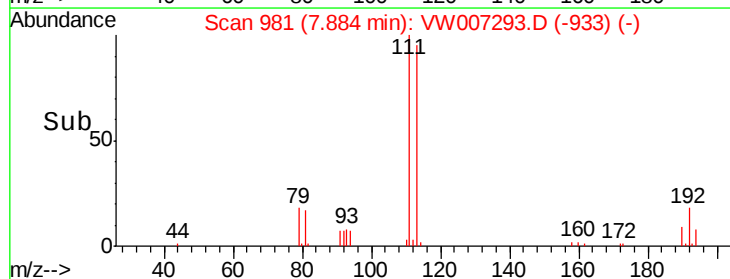
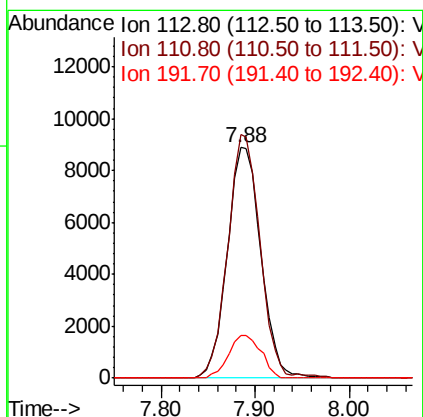
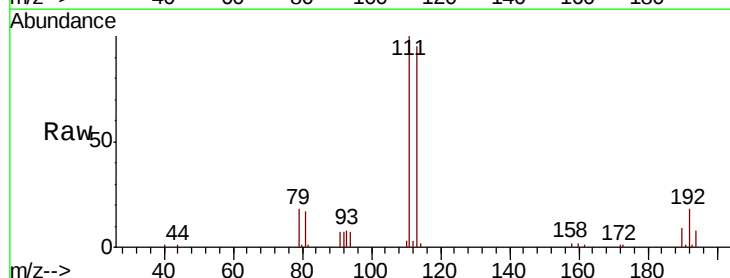
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)RE

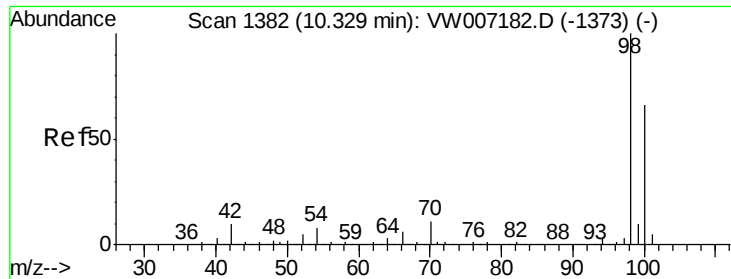
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.2
88	15.3	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 46.581 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007293.D
 Acq: 06 Dec 2018 21:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	17.8	14.4	21.6





#50

Toluene-d8

Concen: 35.772 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007293.D

Acq: 06 Dec 2018 21:42

Instrument :

MSVOA_W

ClientSampleId :

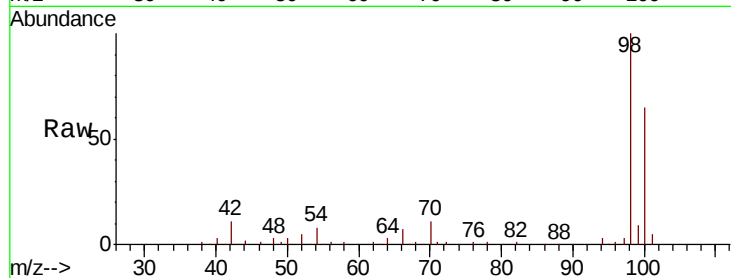
SB-4(0-2)RE

Tot Ion: 98 Resp: 74318

Ion Ratio Lower Upper

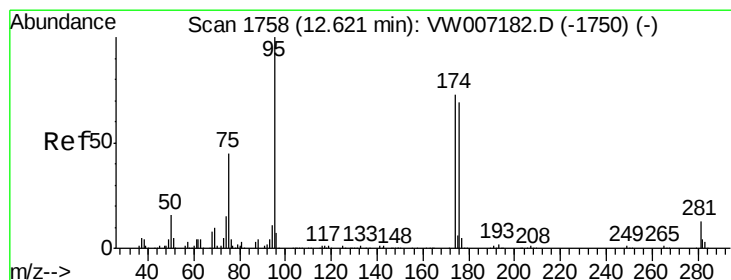
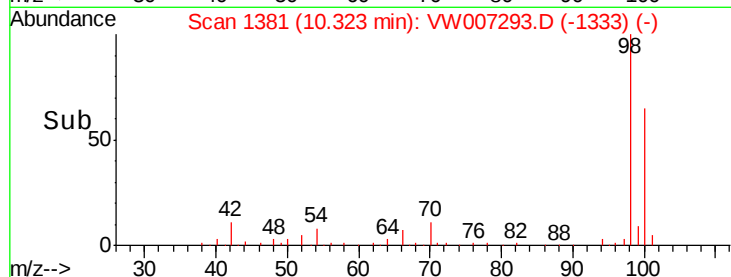
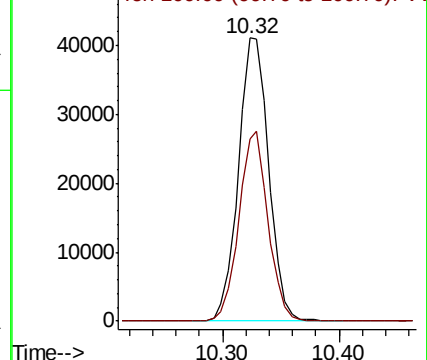
98 100

100 64.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 24.183 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007293.D

Acq: 06 Dec 2018 21:42

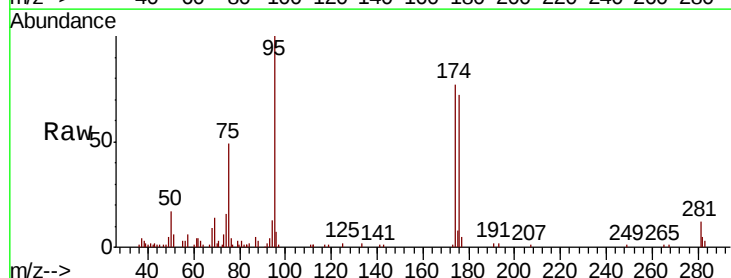
Tgt Ion: 95 Resp: 18963

Ion Ratio Lower Upper

95 100

174 76.3 0.0 148.0

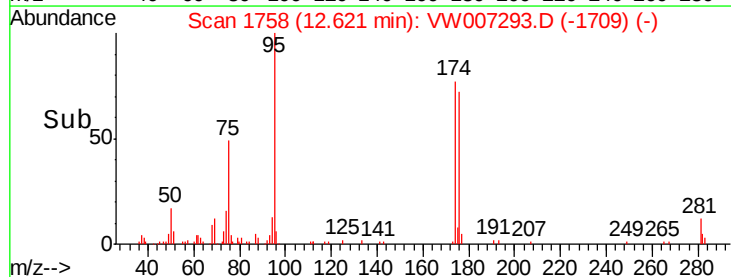
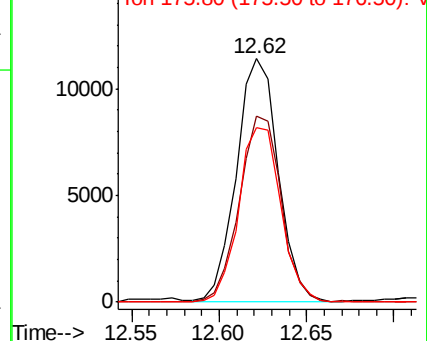
176 72.3 0.0 139.4

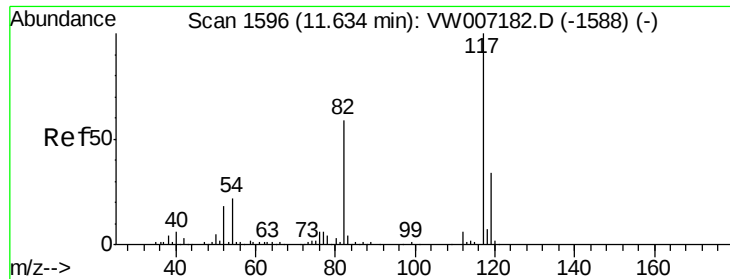


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

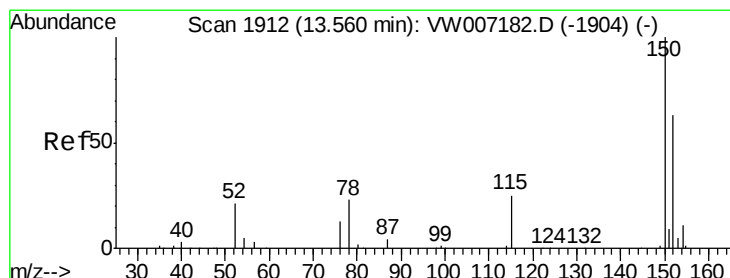
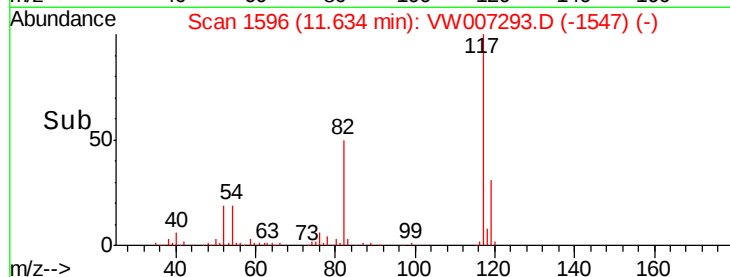
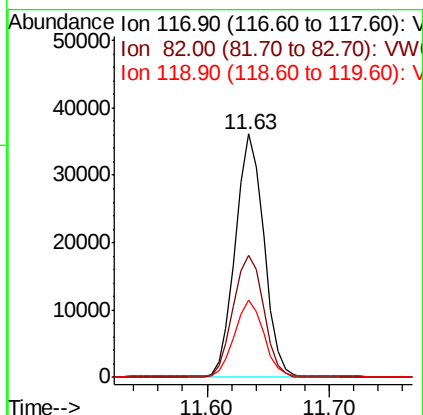
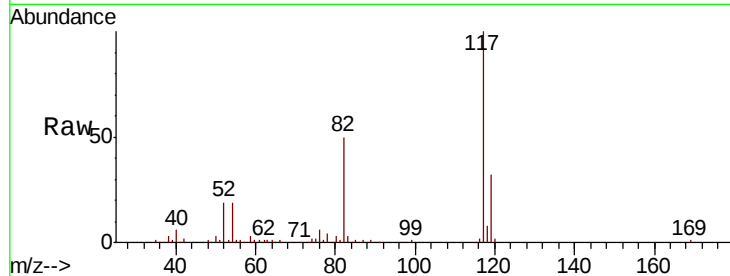




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

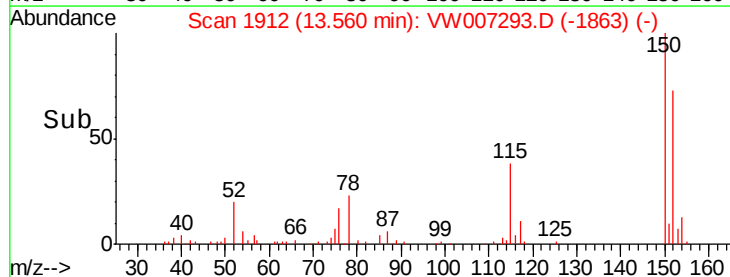
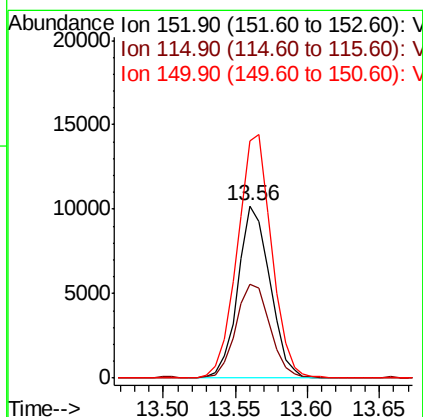
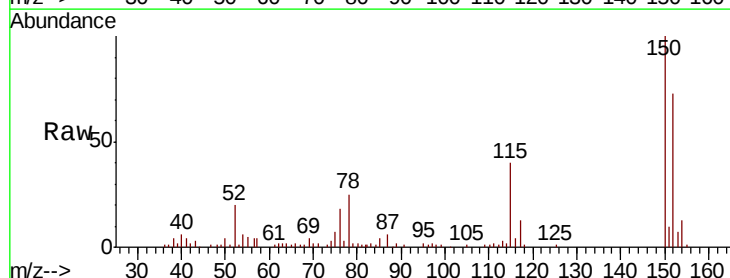
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)RE

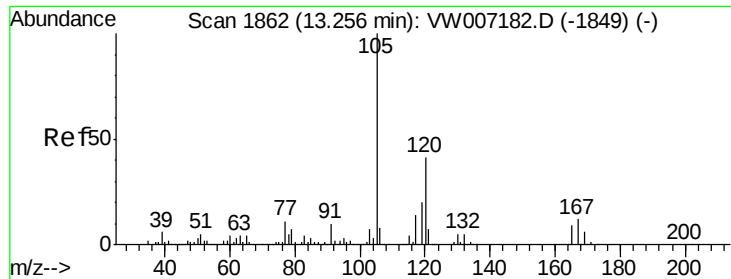
Tot Ion:117 Resp: 58410
Ion Ratio Lower Upper
117 100
82 50.3 47.4 71.2
119 31.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

Tgt Ion:152 Resp: 15809
Ion Ratio Lower Upper
152 100
115 58.5 31.3 93.8
150 150.0 0.0 358.0

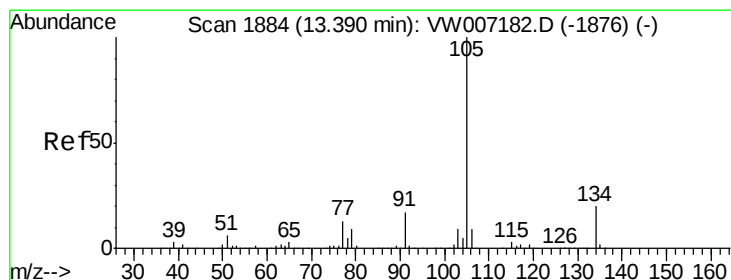
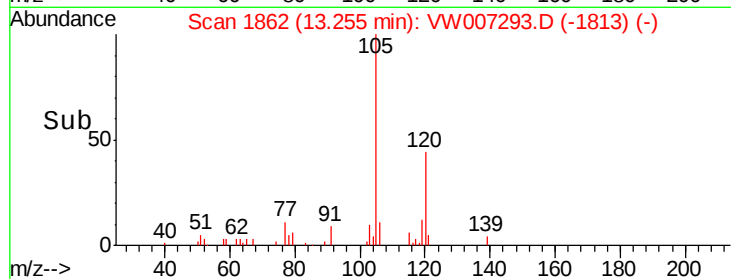
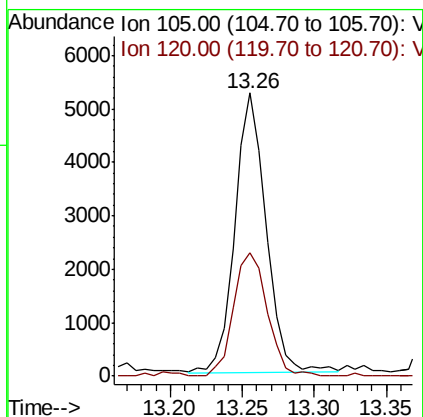
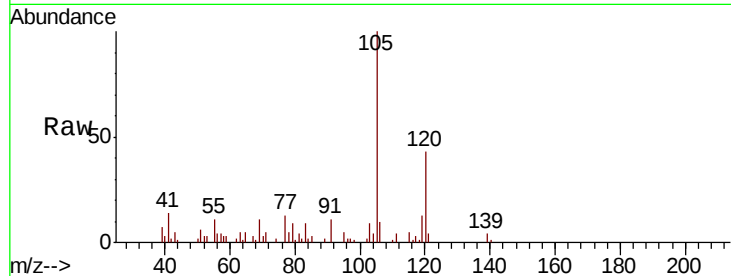




#84
1,2,4-Trimethylbenzene
Concen: 6.984 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

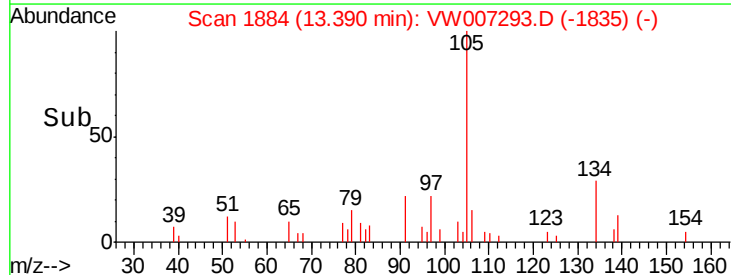
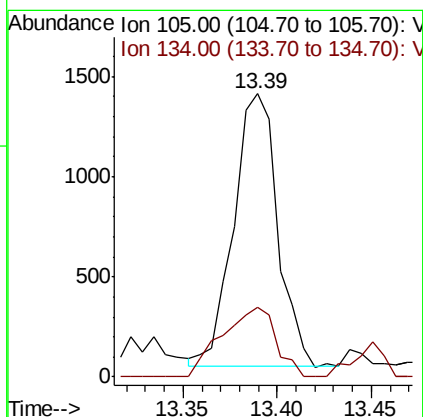
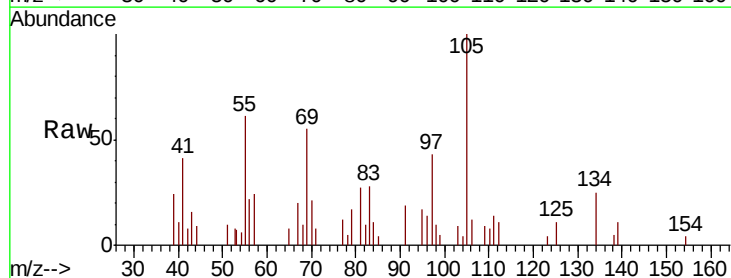
Instrument :
MSVOA_W
ClientSampled :
SB-4(0-2)RE

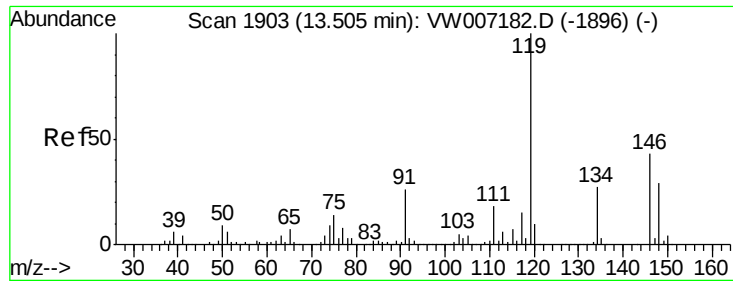
Tot Ion:105 Resp: 7842
Ion Ratio Lower Upper
105 100
120 48.1 21.1 63.3



#85
sec-Butylbenzene
Concen: 1.608 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

Tgt Ion:105 Resp: 2206
Ion Ratio Lower Upper
105 100
134 31.3 10.3 30.8#

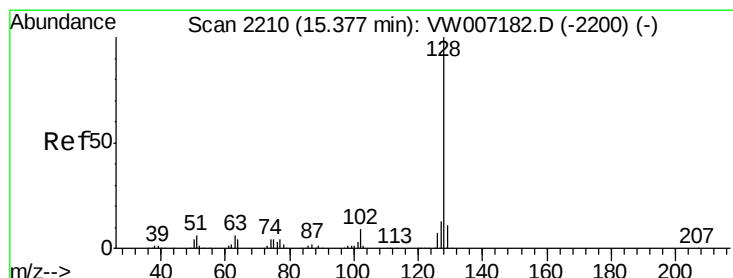
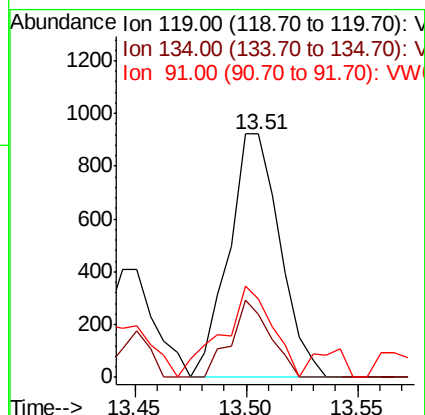
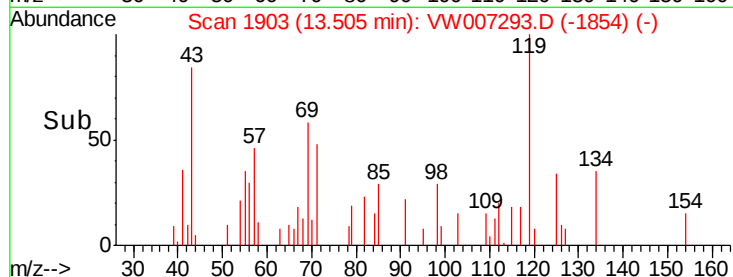
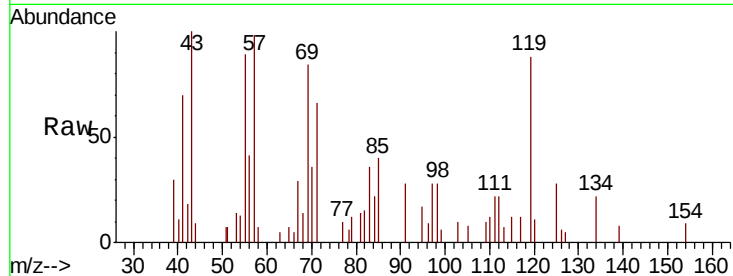




#86
p-Isopropyltoluene
Concen: 1.212 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)RE

Tot Ion:119 Resp: 1480
Ion Ratio Lower Upper
119 100
134 24.3 13.2 39.6
91 36.1 12.4 37.2



#95
Naphthalene
Concen: 6.445 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007293.D
Acq: 06 Dec 2018 21:42

Tgt Ion:128 Resp: 3948
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 12.0 8.6 13.0

