

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010891.D
 Acq On : 20 Jun 2019 14:45
 Operator : SY/VA
 Sample : K3453-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Jun 21 08:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

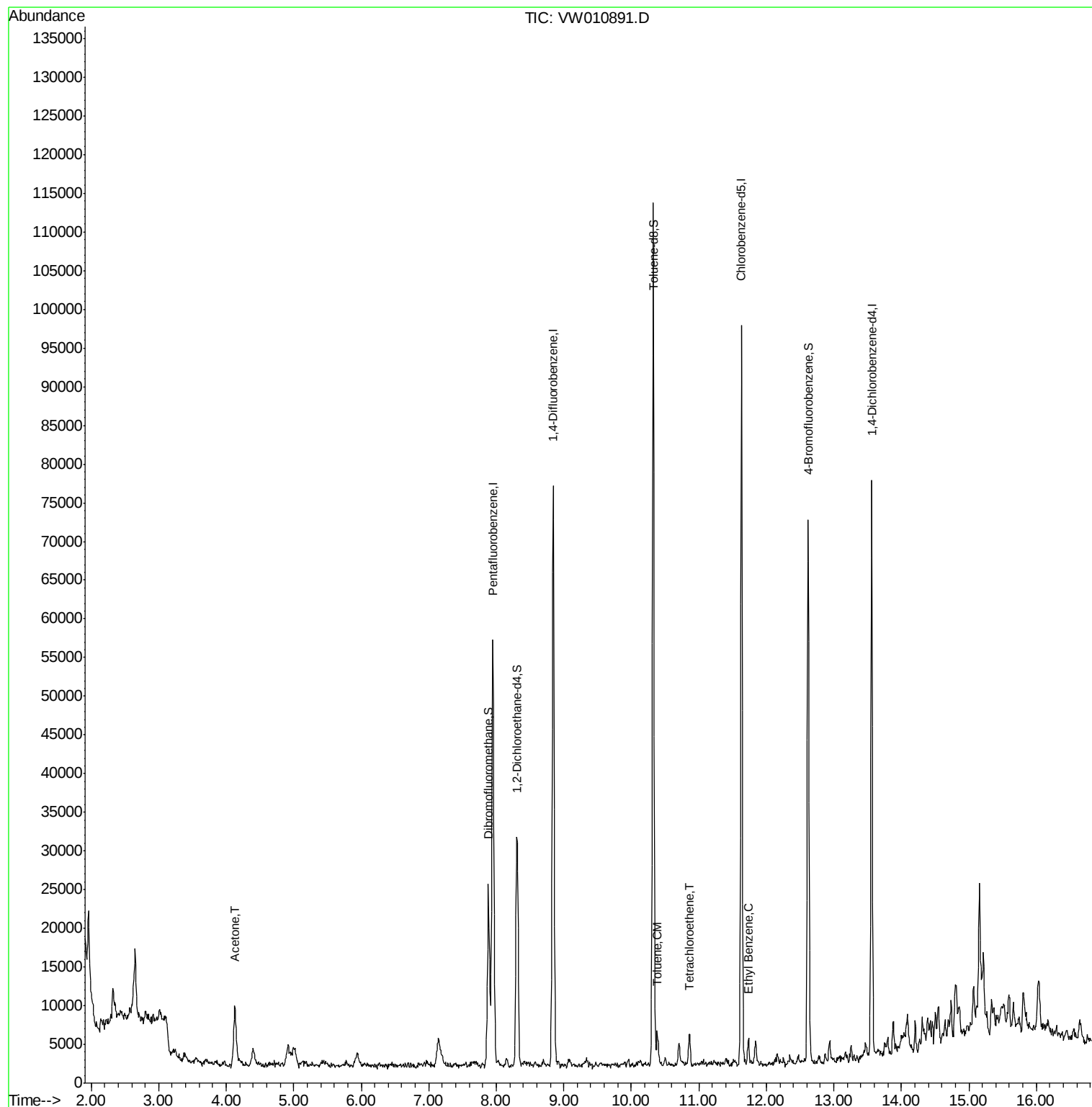
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	38440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	58443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	24522	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.88	113	16107	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.32	98	69939	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	22212	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
16) Acetone	4.13	43	13867	114.224	ug/l	93
52) Toluene	10.39	92	1751	1.744	ug/l	89
64) Tetrachloroethene	10.86	164	884	2.824	ug/l #	85
67) Ethyl Benzene	11.74	91	2229	1.251	ug/l	90

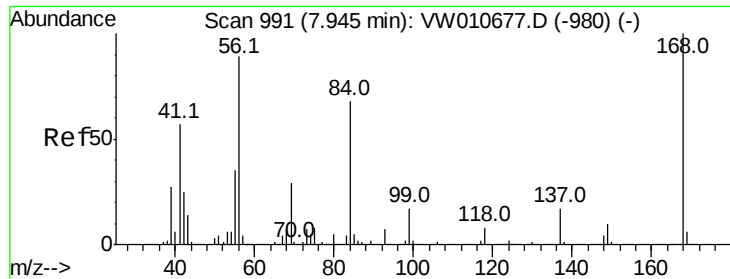
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010891.D

Acq: 20 Jun 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

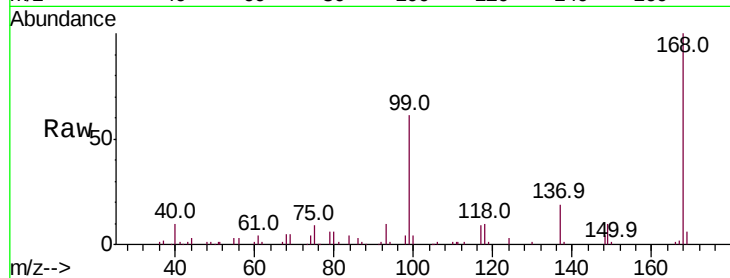
FRAC-TANK-MUD

Tot Ion:168 Resp: 38440

Ion Ratio Lower Upper

168 100

99 60.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW010677.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW010677.D (-980) (-)

20000

15000

10000

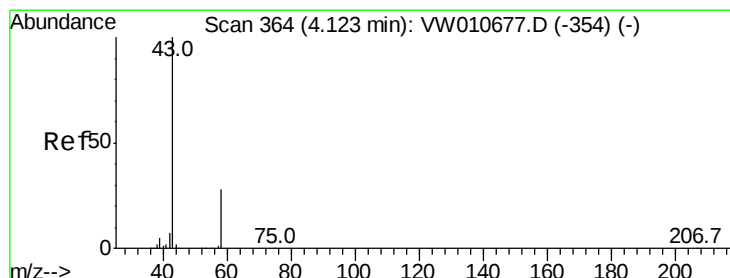
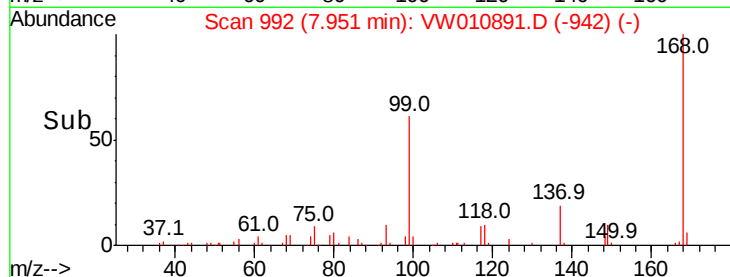
5000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 114.224 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010891.D

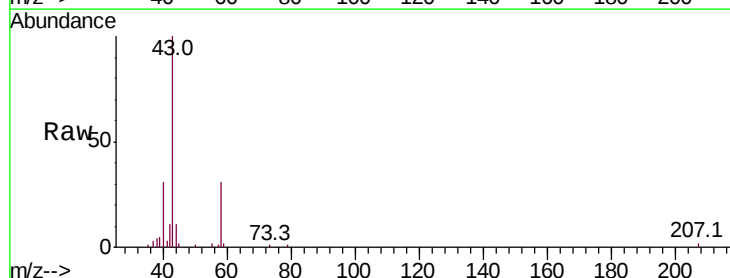
Acq: 20 Jun 2019 14:45

Tgt Ion: 43 Resp: 13867

Ion Ratio Lower Upper

43 100

58 31.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW010677.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VW010677.D (-354) (-)

5000

4000

3000

2000

1000

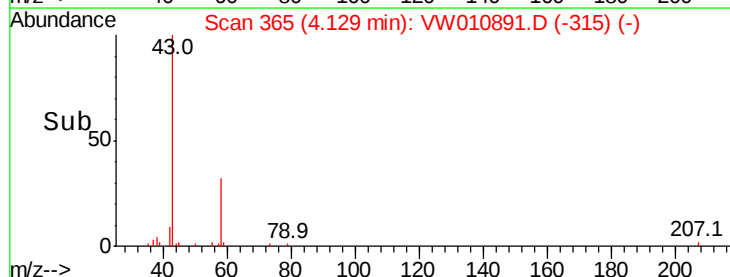
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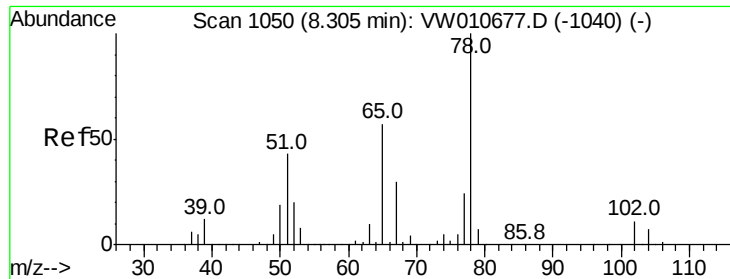
4.00

4.10

4.20

Time-->

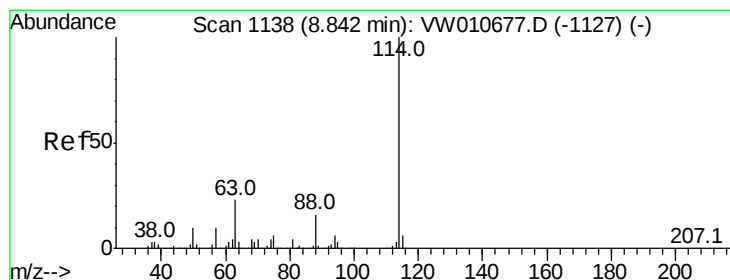
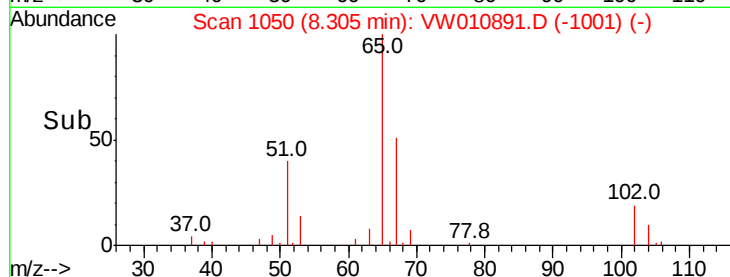
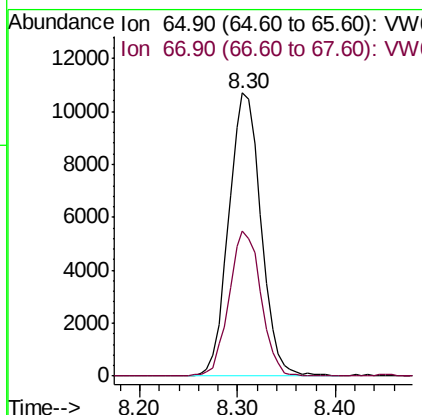
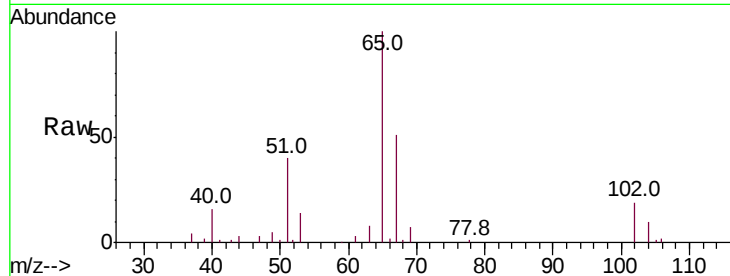




#33
 1,2-Dichloroethane-d4
 Concen: 54.123 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010891.D
 Acq: 20 Jun 2019 14:45

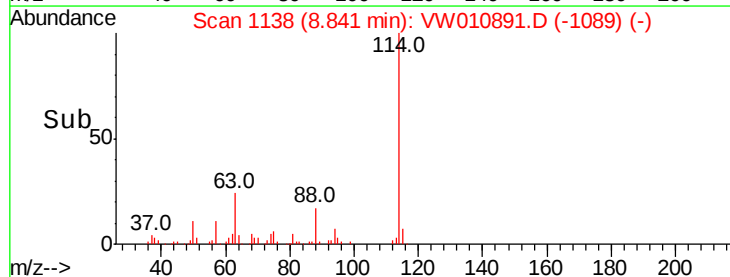
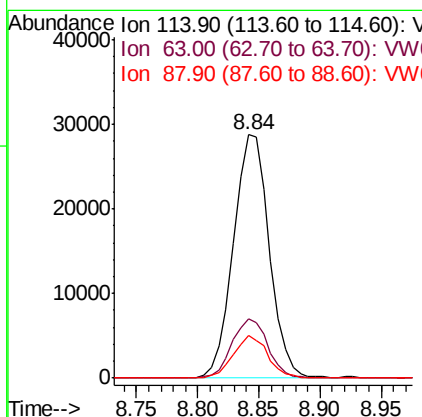
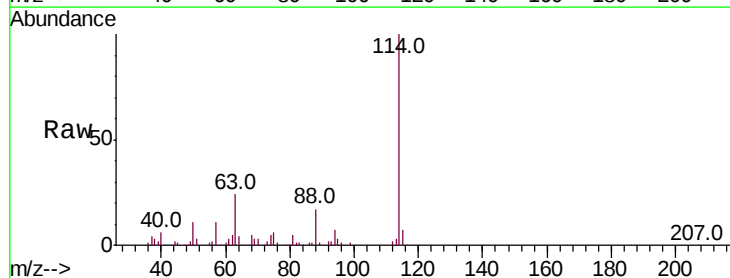
Instrument :
 MSVOA_W
 ClientSampleId :
 FRAC-TANK-MUD

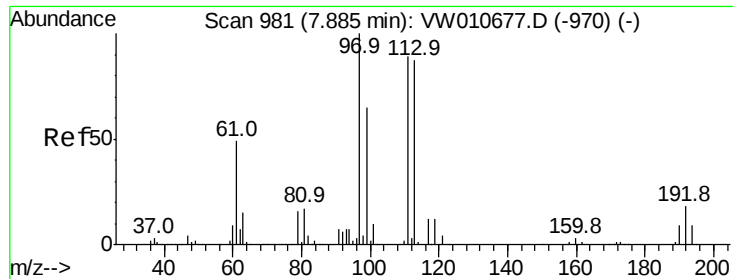
Tot Ion: 65 Resp: 24522
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010891.D
 Acq: 20 Jun 2019 14:45

Tgt Ion:114 Resp: 58443
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.4
 88 17.4 0.0 32.2

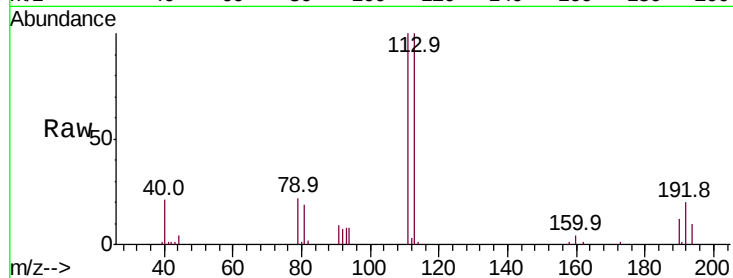




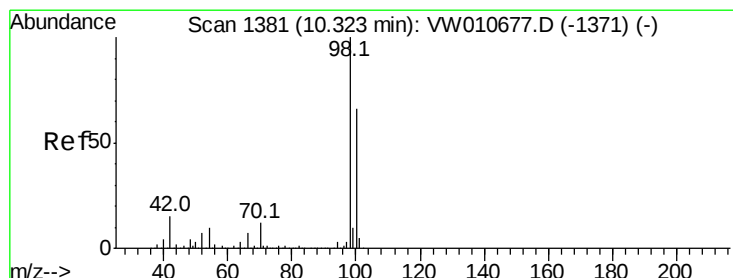
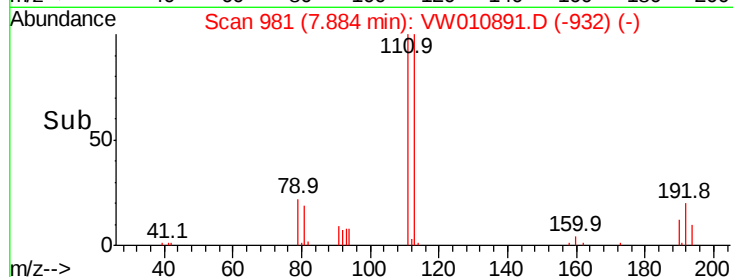
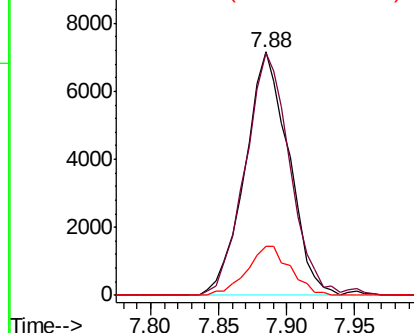
#35
 Dibromofluoromethane
 Concen: 50.776 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010891.D
 Acq: 20 Jun 2019 14:45

Instrument :
 MSVOA_W
 ClientSampleId :
 FRAC-TANK-MUD

Tot Ion:113 Resp: 16107
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 123.8
 192 20.1 16.4 24.6

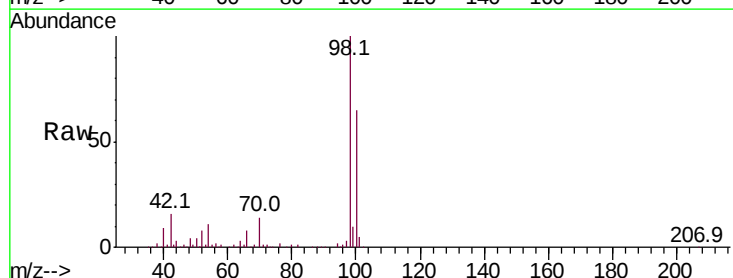


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

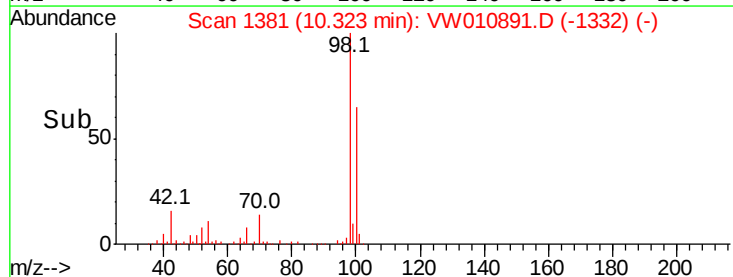
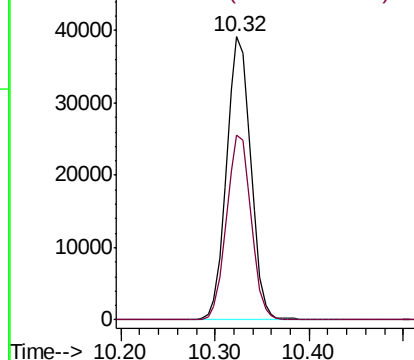


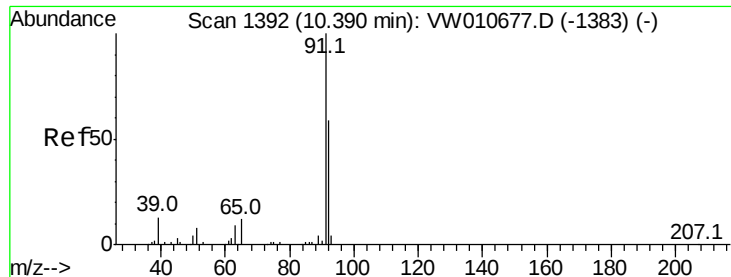
#50
 Toluene-d8
 Concen: 50.279 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010891.D
 Acq: 20 Jun 2019 14:45

Tgt Ion: 98 Resp: 69939
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.6



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





#52

Toluene

Concen: 1.744 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010891.D

Acq: 20 Jun 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

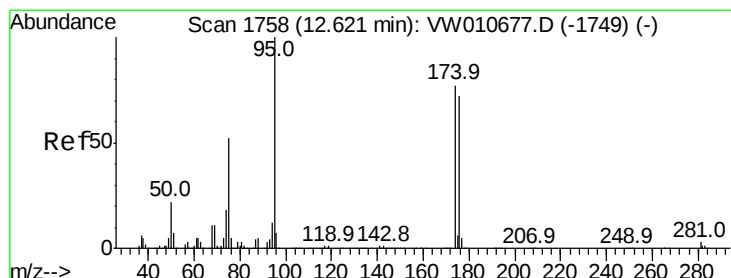
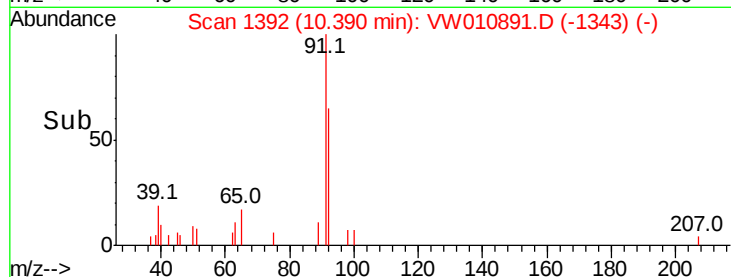
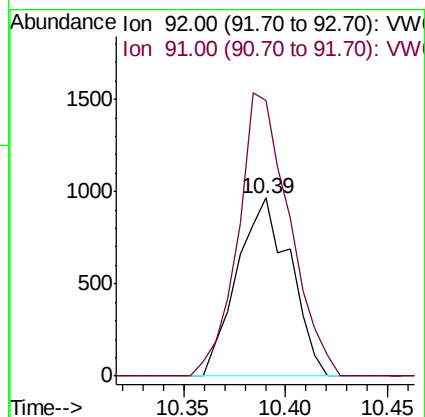
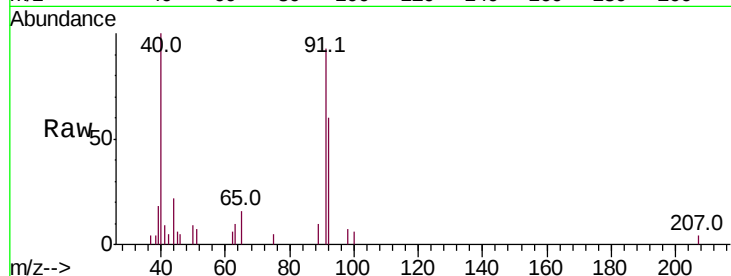
FRAC-TANK-MUD

Tot Ion: 92 Resp: 1751

Ion Ratio Lower Upper

92 100

91 154.1 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 43.882 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010891.D

Acq: 20 Jun 2019 14:45

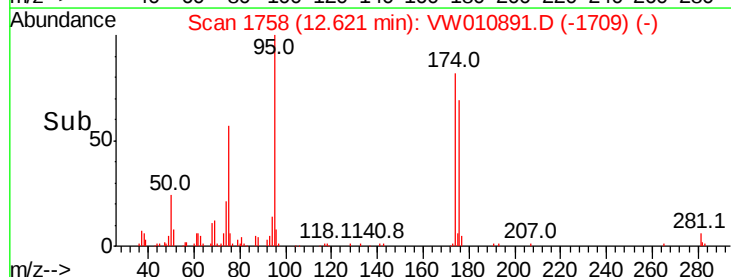
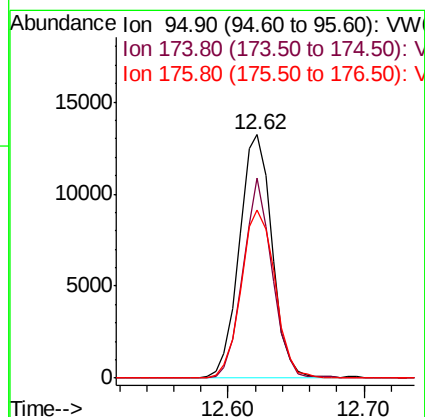
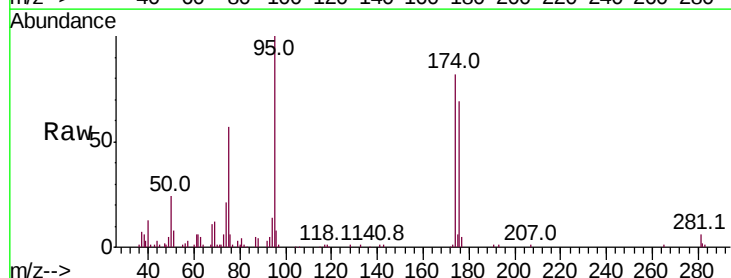
Tgt Ion: 95 Resp: 22212

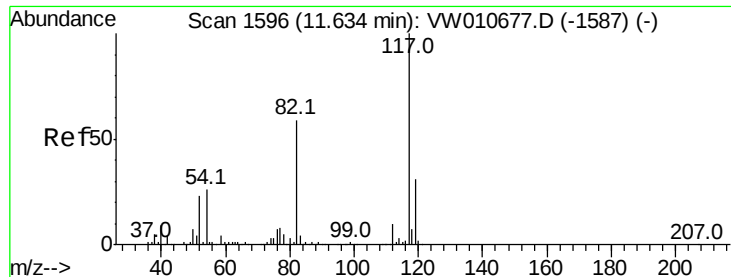
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 71.4 0.0 144.8

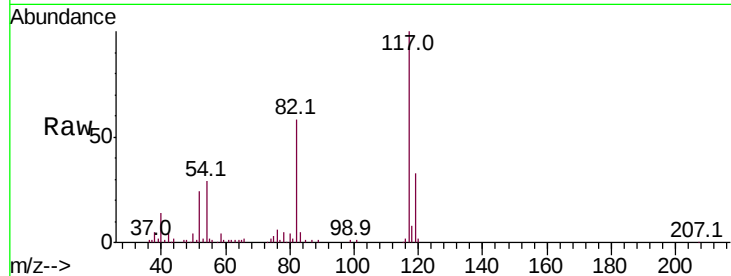




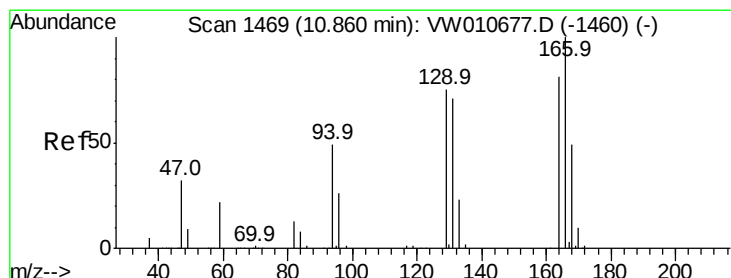
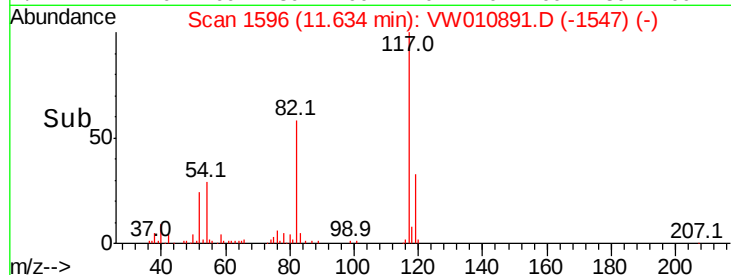
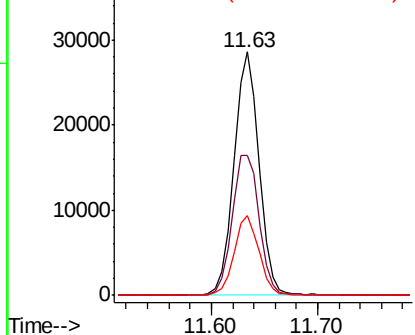
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010891.D
Acq: 20 Jun 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
FRAC-TANK-MUD

Tot Ion:117 Resp: 47140
Ion Ratio Lower Upper
117 100
82 57.7 47.0 70.4
119 33.0 25.1 37.7

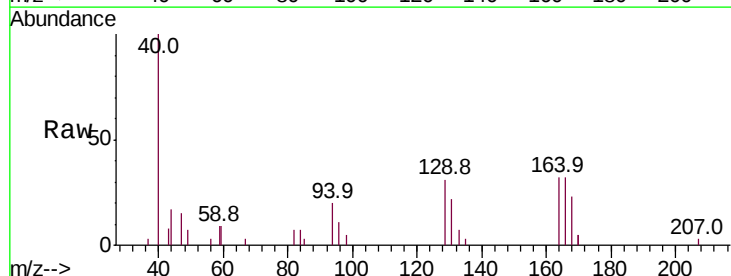


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

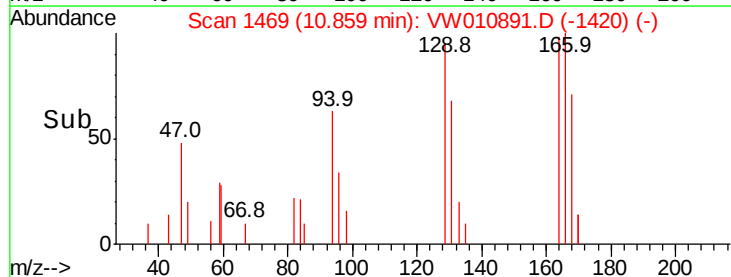
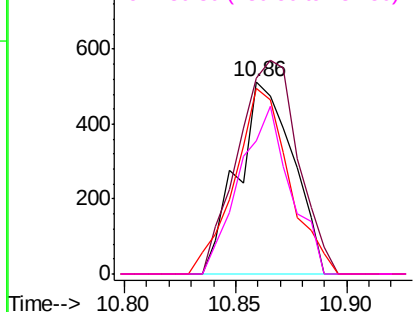


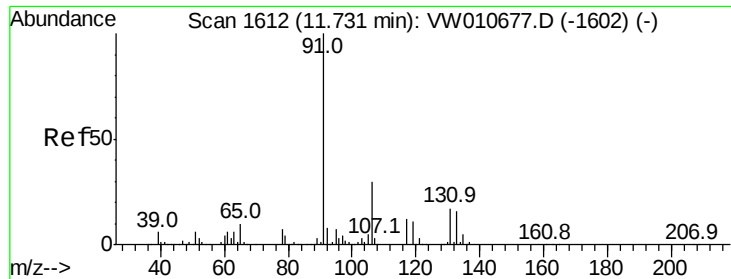
#64
Tetrachloroethene
Concen: 2.824 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010891.D
Acq: 20 Jun 2019 14:45

Tgt Ion:164 Resp: 884
Ion Ratio Lower Upper
164 100
166 101.6 99.2 148.8
129 96.3 74.6 112.0
131 68.9 70.2 105.4#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

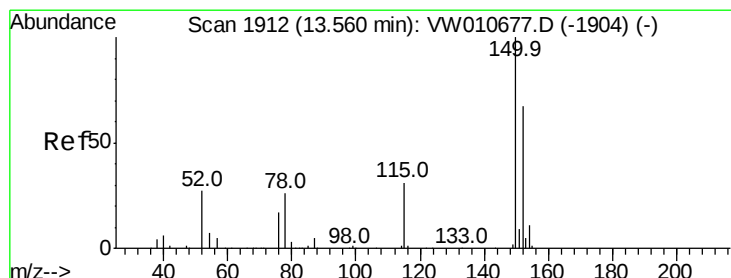
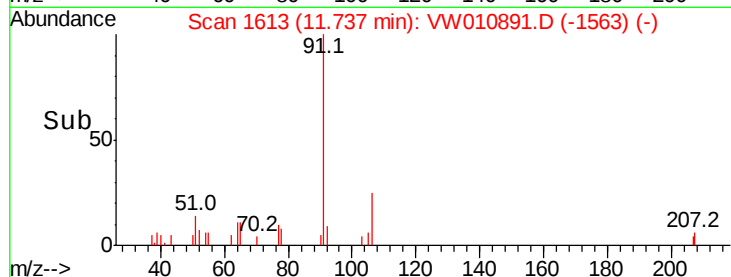
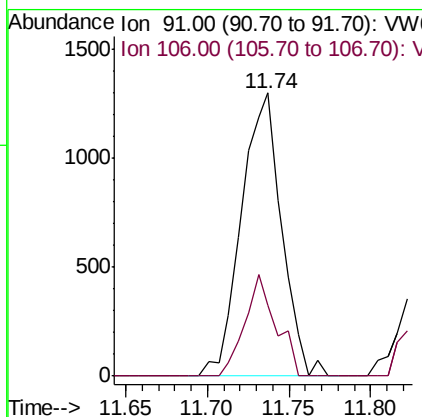
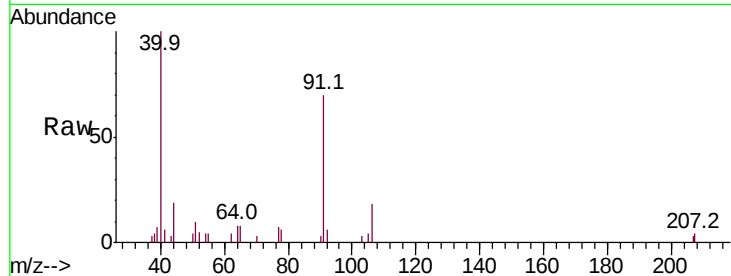




#67
Ethyl Benzene
Concen: 1.251 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW010891.D
Acq: 20 Jun 2019 14:45

Instrument :
MSVOA_W
ClientSampleId :
FRAC-TANK-MUD

Tot Ion: 91 Resp: 2229
Ion Ratio Lower Upper
91 100
106 24.9 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW010891.D
Acq: 20 Jun 2019 14:45

Tgt Ion: 152 Resp: 18014
Ion Ratio Lower Upper
152 100
115 60.5 29.8 89.3
150 157.8 0.0 345.0

