

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005707.D
 Acq On : 27 Sep 2018 18:18
 Operator : VA/AP
 Sample : J5118-02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-R-064

Quant Time: Sep 28 02:19:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

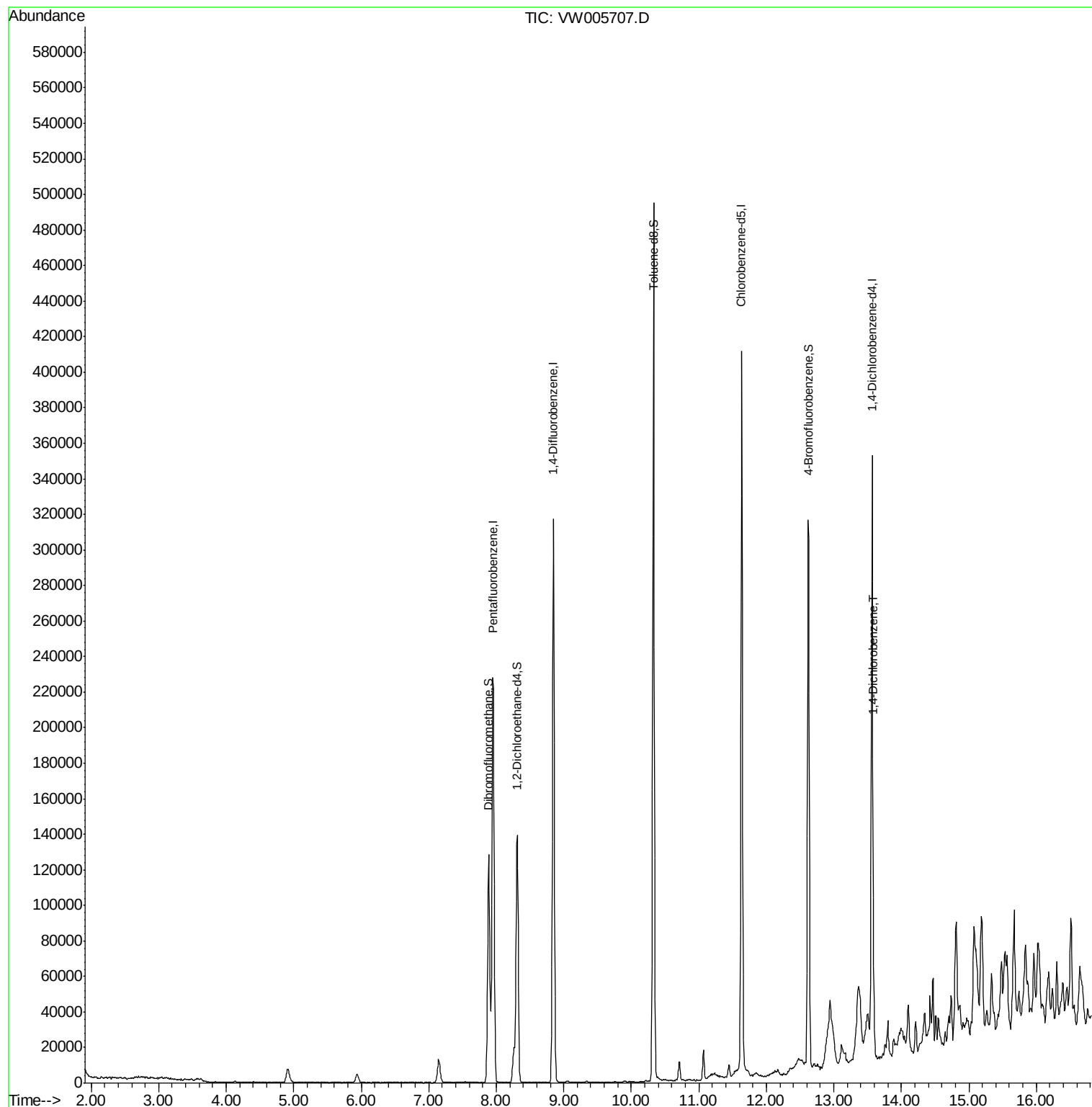
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	219671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116461	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.89	113	91505	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
50) Toluene-d8	10.33	98	319436	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.62	95	99481	40.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.04%	
Target Compounds						
88) 1,4-Dichlorobenzene	13.58	146	9342	3.250	ug/l	Qvalue 85

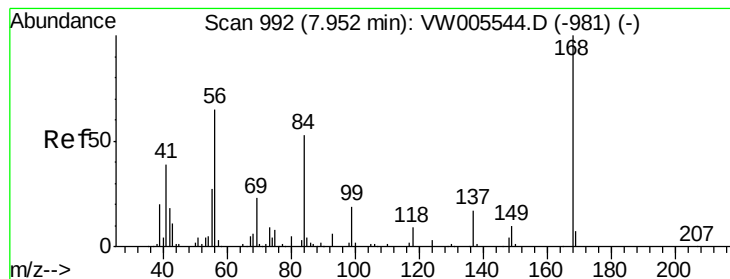
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 09:05:42 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: VW005707.D

Acq: 27 Sep 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

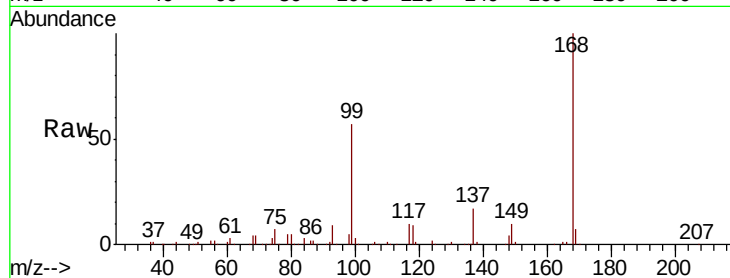
RA-092518-USTEXC-NW-R-064

Tot Ion:168 Resp: 170339

Ion Ratio Lower Upper

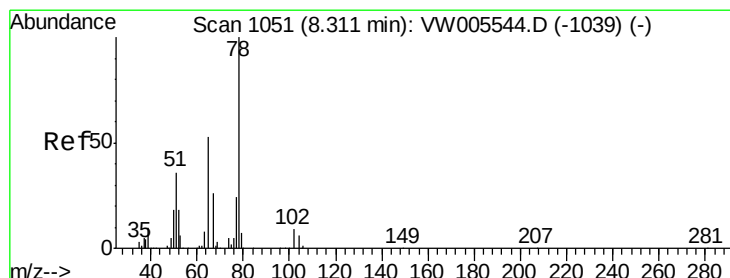
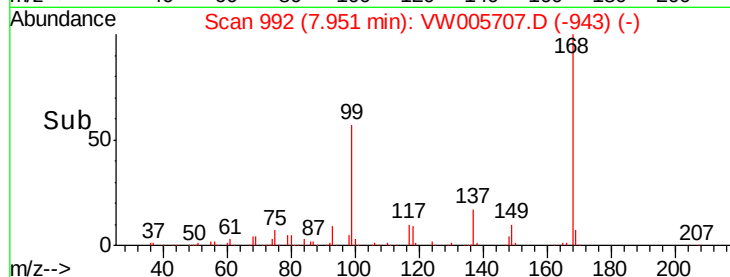
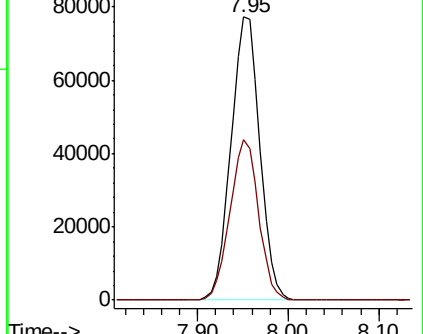
168 100

99 56.7 48.4 72.6



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: 58.036 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005707.D

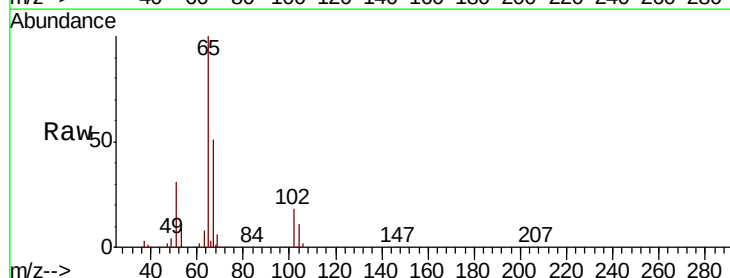
Acq: 27 Sep 2018 18:18

Tgt Ion: 65 Resp: 116461

Ion Ratio Lower Upper

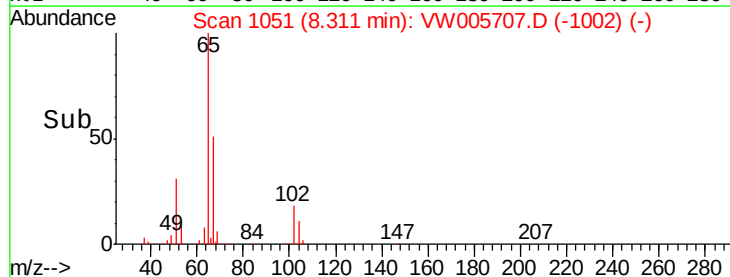
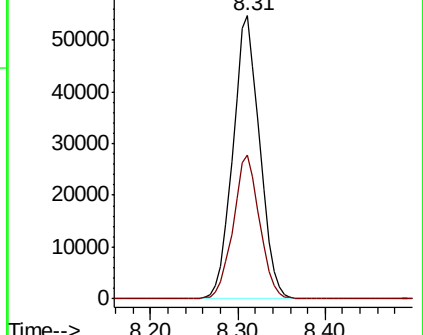
65 100

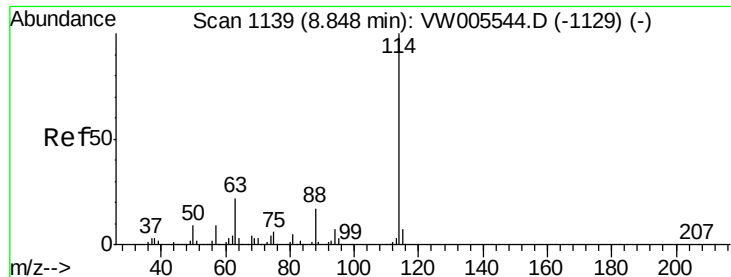
67 50.0 0.0 100.6



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: VW005707.D

Acq: 27 Sep 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-R-064

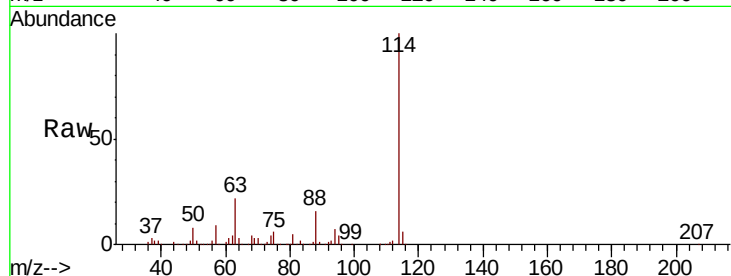
Tot Ion:114 Resp: 262380

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

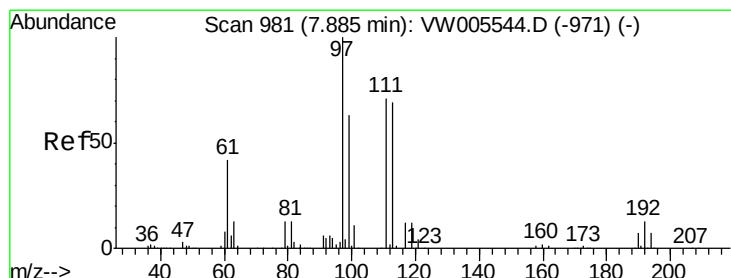
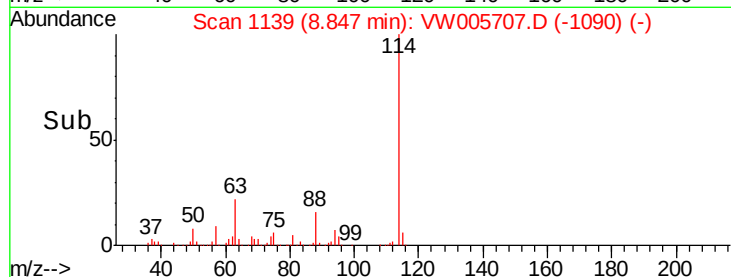
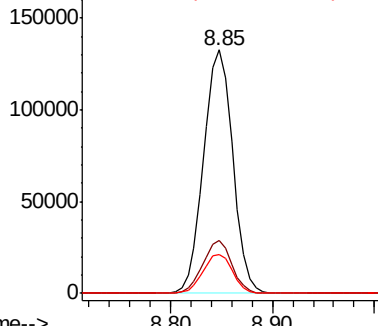
88 15.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.457 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005707.D

Acq: 27 Sep 2018 18:18

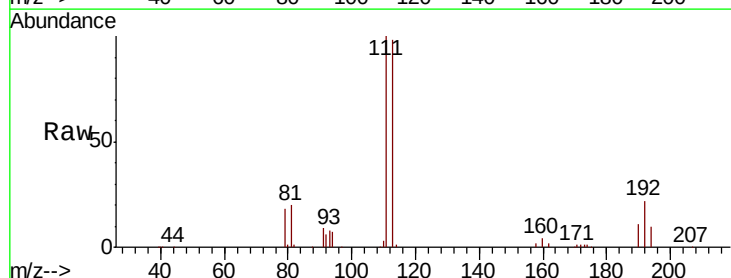
Tgt Ion:113 Resp: 91505

Ion Ratio Lower Upper

113 100

111 99.1 82.6 123.8

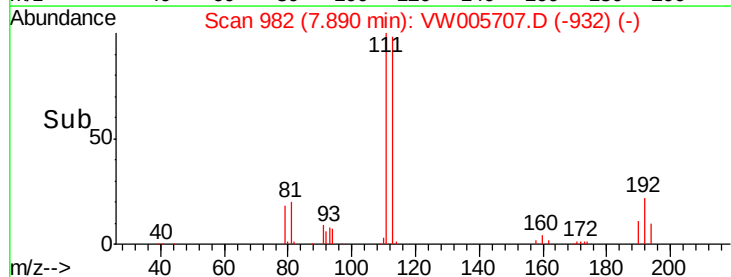
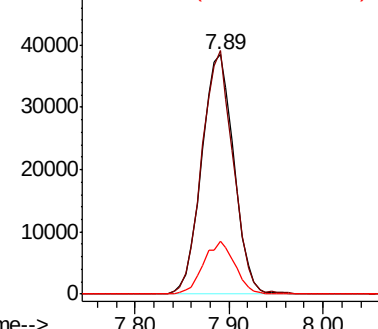
192 21.5 17.0 25.4

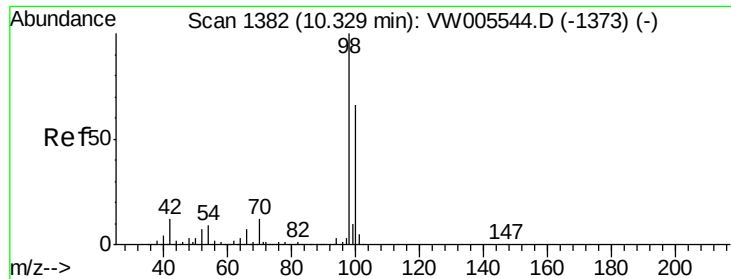


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

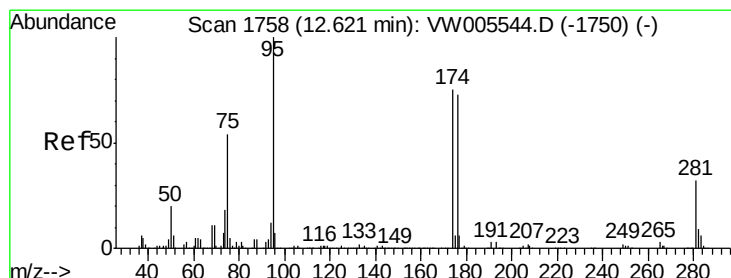
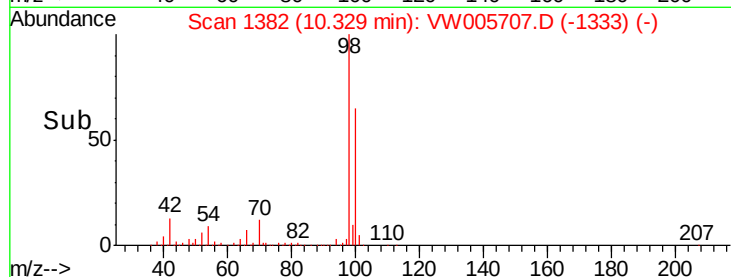
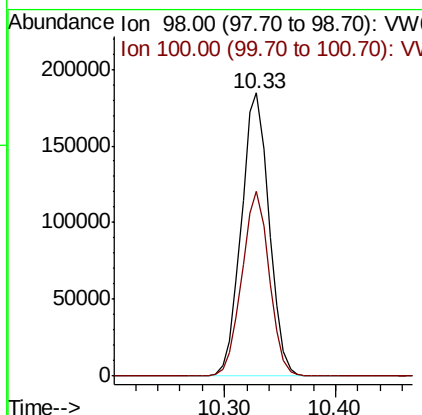
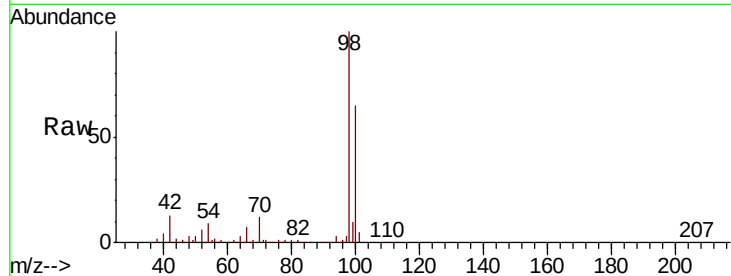




#50
Toluene-d8
Concen: 47.546 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005707.D
Acq: 27 Sep 2018 18:18

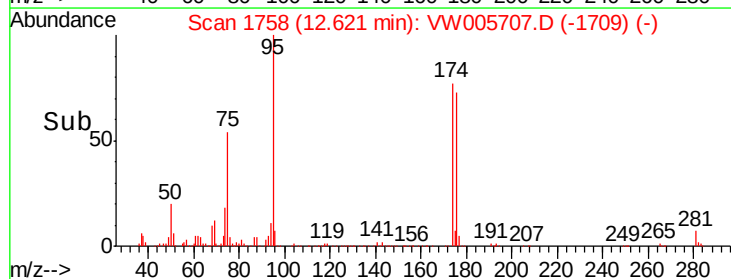
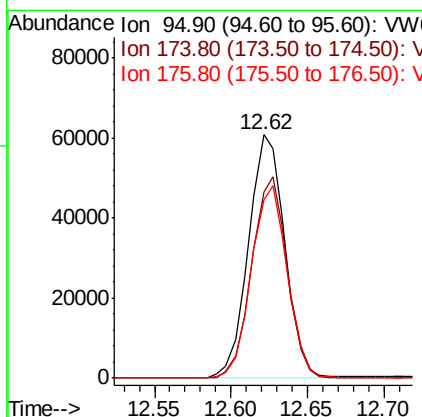
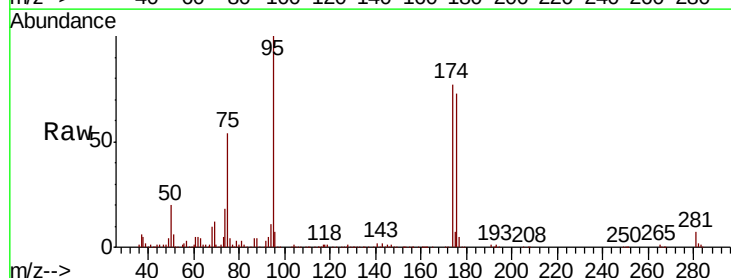
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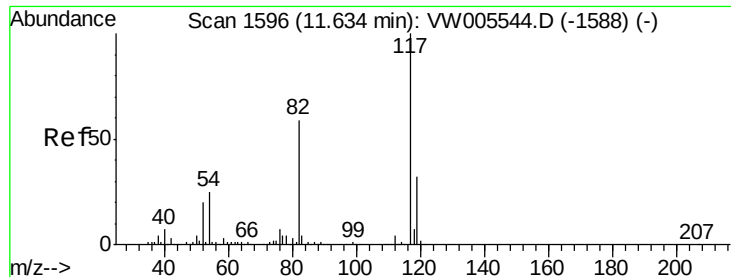
Tot Ion: 98 Resp: 319436
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.017 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005707.D
Acq: 27 Sep 2018 18:18

Tgt Ion: 95 Resp: 99481
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.8
176 78.6 0.0 158.0

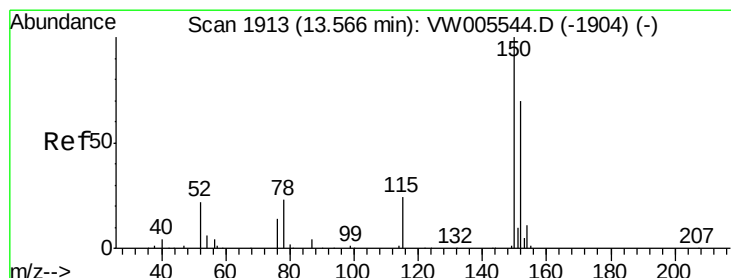
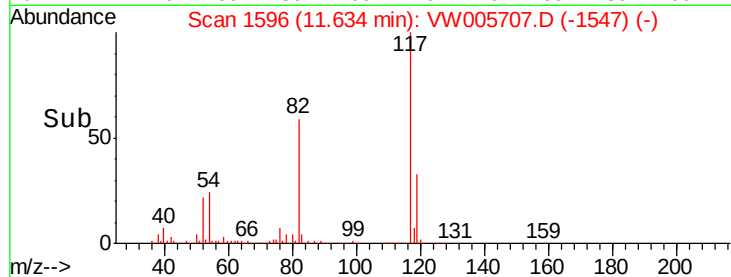
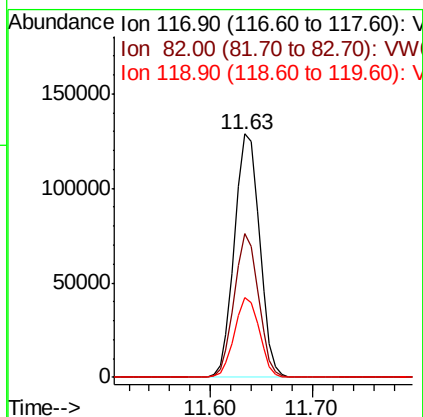
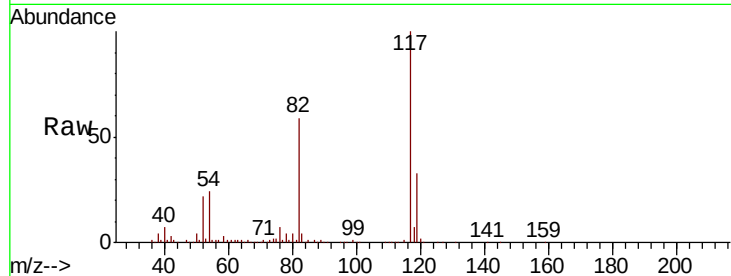




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005707.D
Acq: 27 Sep 2018 18:18

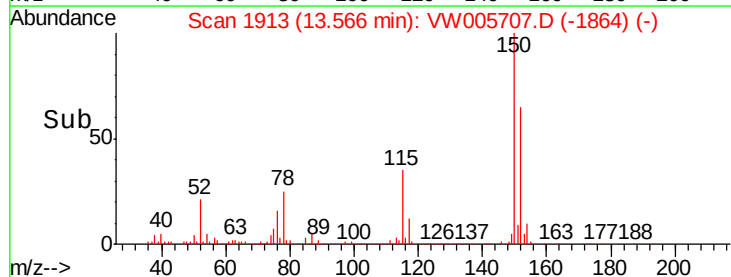
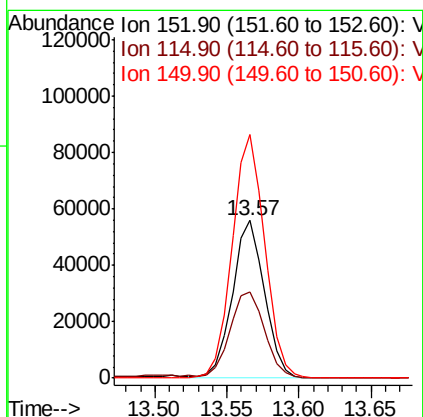
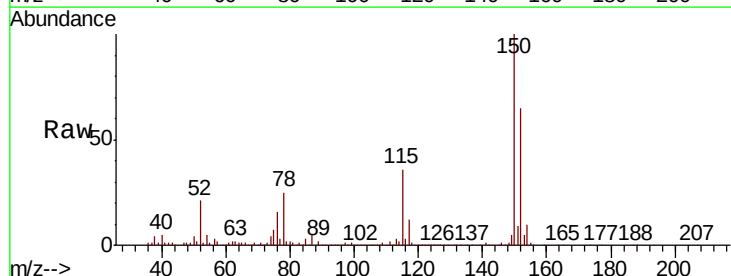
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-R-064

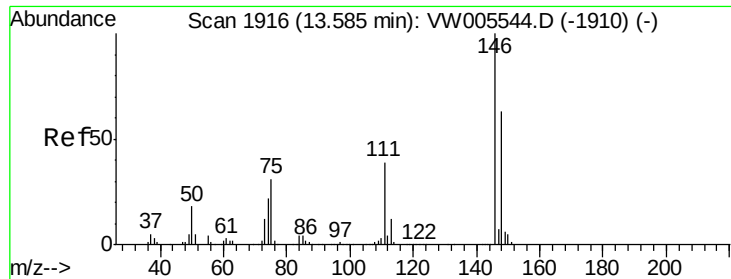
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.9	70.3
119	32.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005707.D
Acq: 27 Sep 2018 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.0	90.0
150	155.3	0.0	348.6





#88

1,4-Dichlorobenzene

Concen: 3.250 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005707.D

Acq: 27 Sep 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-R-064

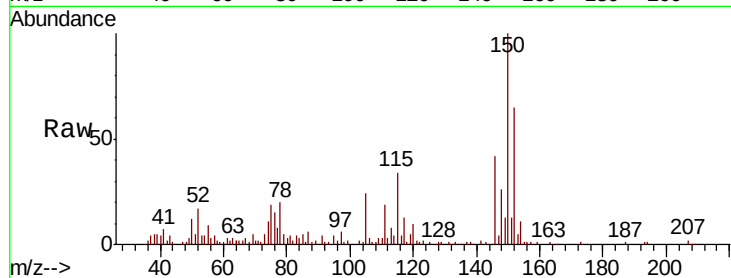
Tot Ion:146 Resp: 9342

Ion Ratio Lower Upper

146 100

111 54.6 19.9 59.7

148 71.5 32.1 96.3



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

