

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005706.D
 Acq On : 27 Sep 2018 17:52
 Operator : VA/AP
 Sample : J5118-01
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063

Quant Time: Sep 28 02:17:10 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

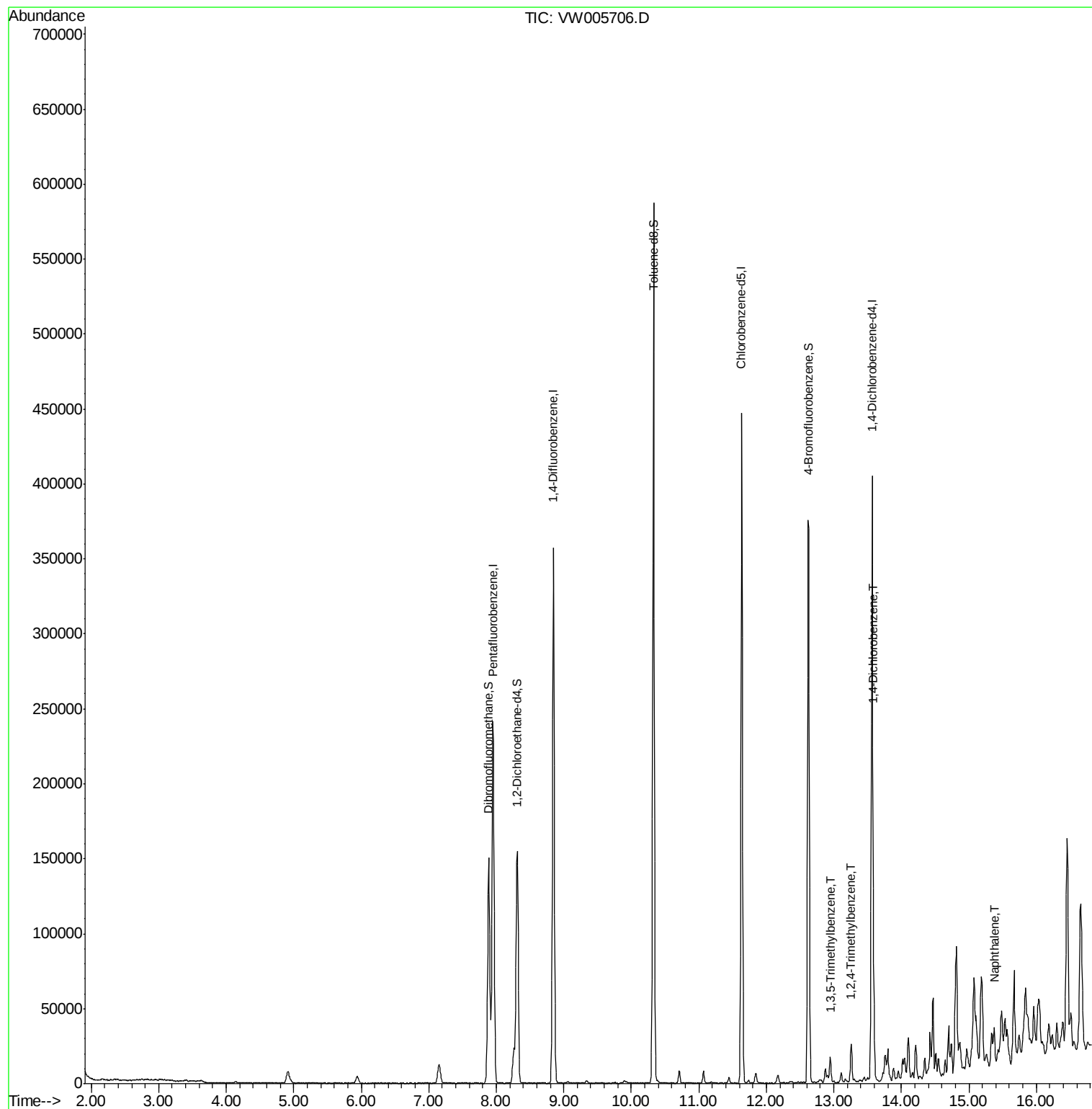
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	174499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	285486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132574	64.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.98%	
35) Dibromofluoromethane	7.88	113	105137	58.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.12%	
50) Toluene-d8	10.33	98	378420	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.63	95	119519	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.95	105	6622	1.057	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	13771	2.179	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	17115	4.985	ug/l	91
95) Naphthalene	15.38	128	16293	4.456	ug/l	97

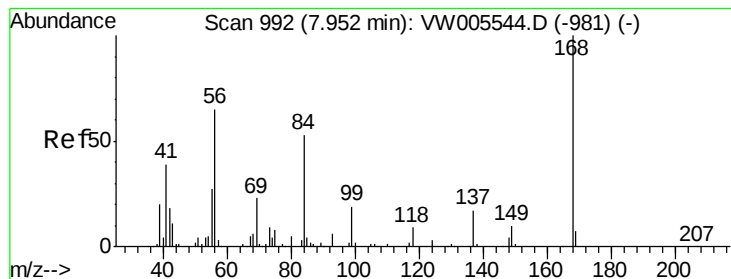
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092718\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

Instrument :

MSVOA_W

ClientSampleId :

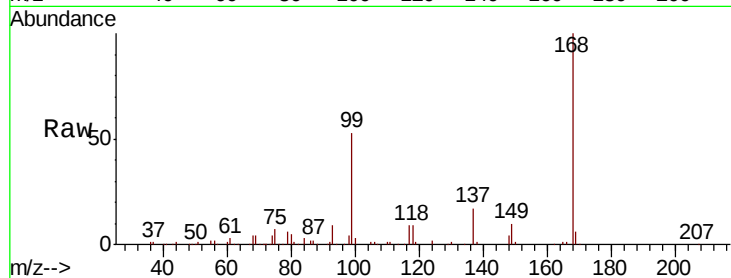
RA-092518-USTEXC-NW-L-063

Tot Ion:168 Resp: 174499

Ion Ratio Lower Upper

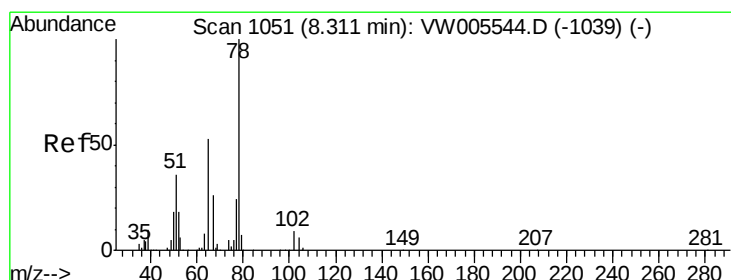
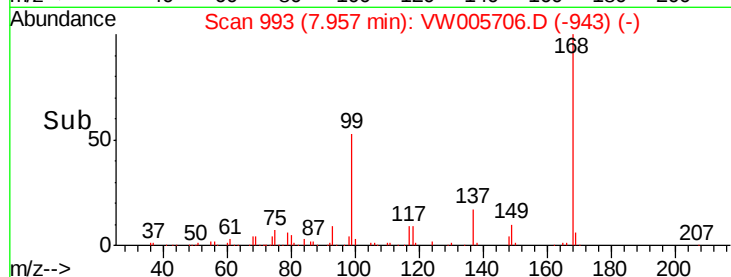
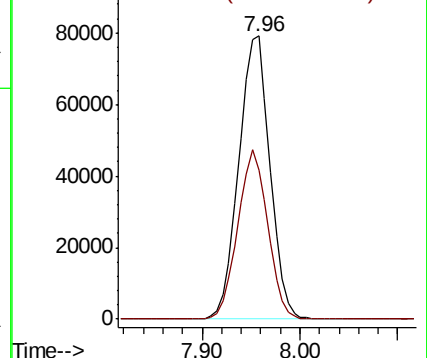
168 100

99 52.8 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: 64.490 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005706.D

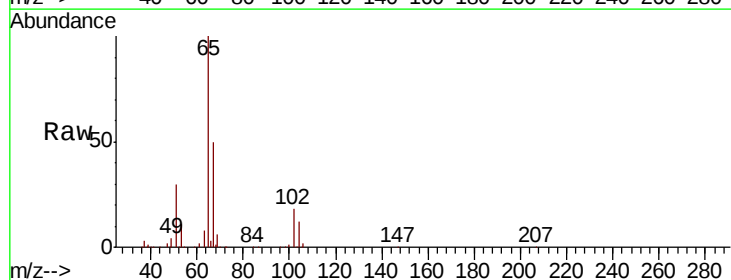
Acq: 27 Sep 2018 17:52

Tgt Ion: 65 Resp: 132574

Ion Ratio Lower Upper

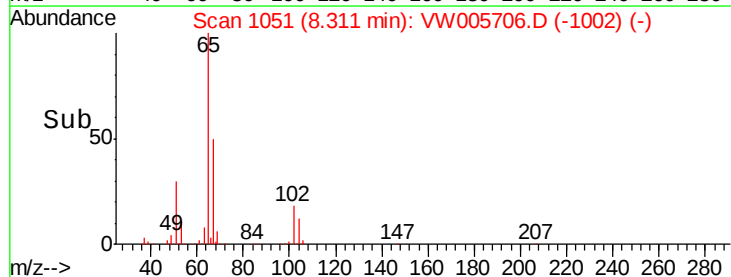
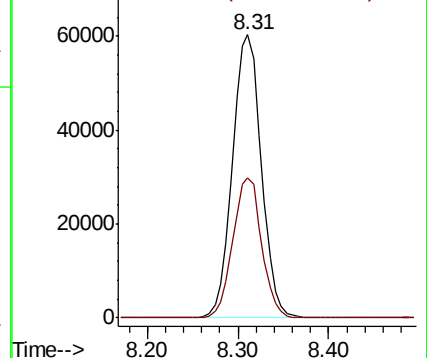
65 100

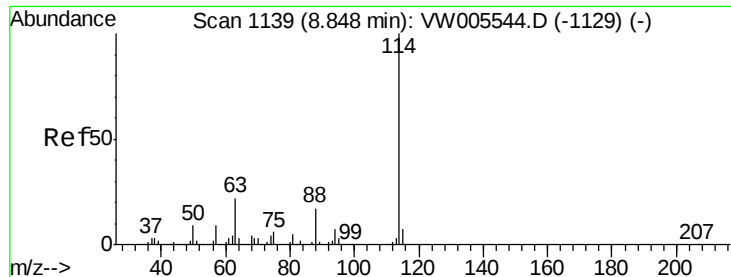
67 49.6 0.0 100.6



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: VW005706.D

Acq: 27 Sep 2018 17:52

Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063

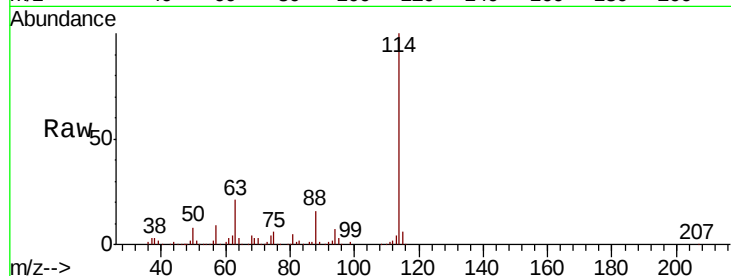
Tot Ion:114 Resp: 285486

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

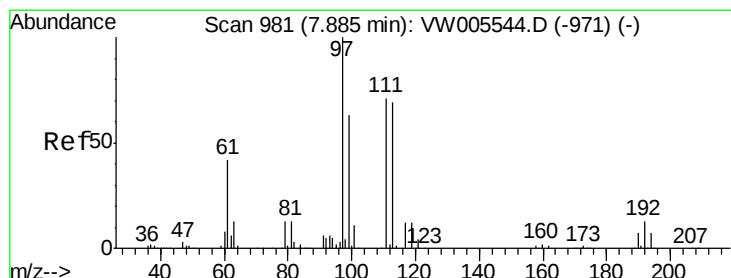
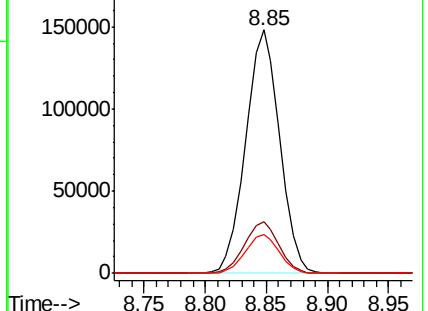
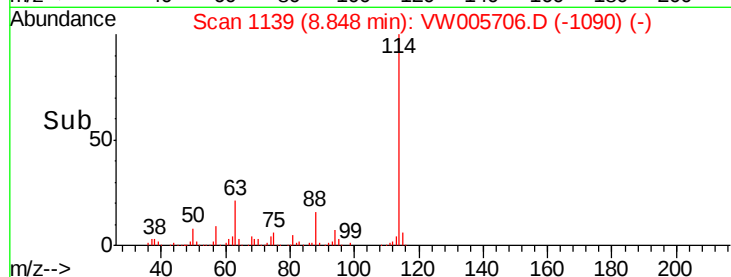
88 15.7 0.0 33.0



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: 58.562 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

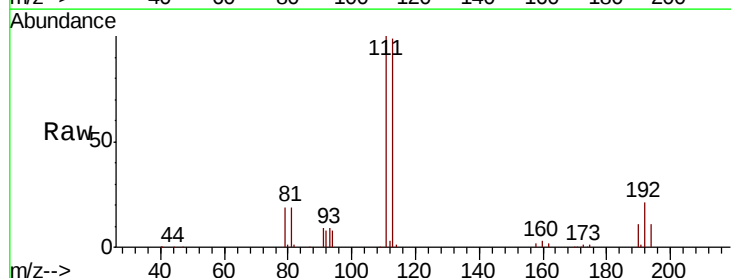
Tgt Ion:113 Resp: 105137

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

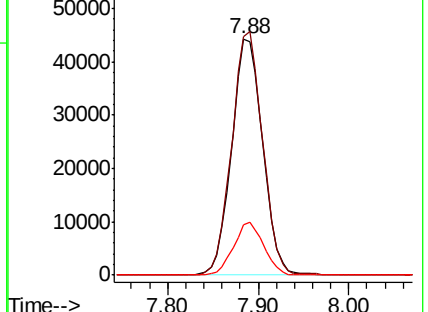
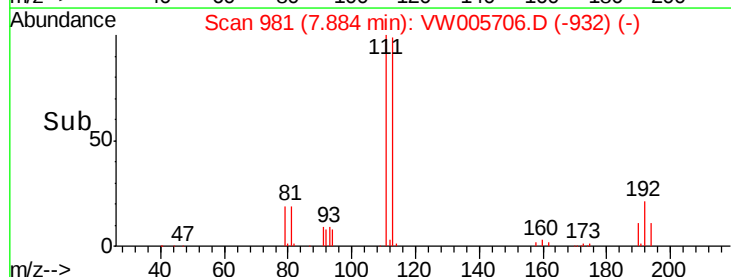
192 21.6 17.0 25.4

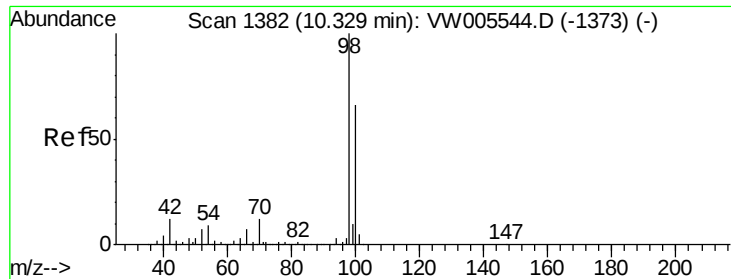


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.767 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

Instrument :

MSVOA_W

ClientSampleId :

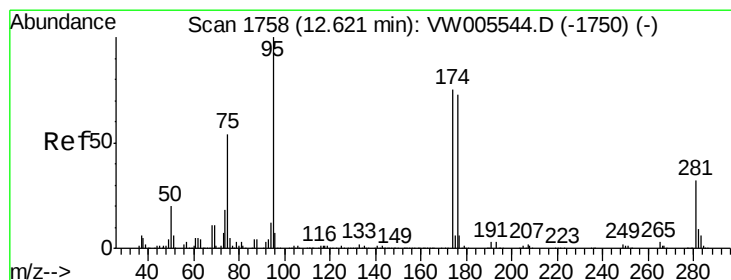
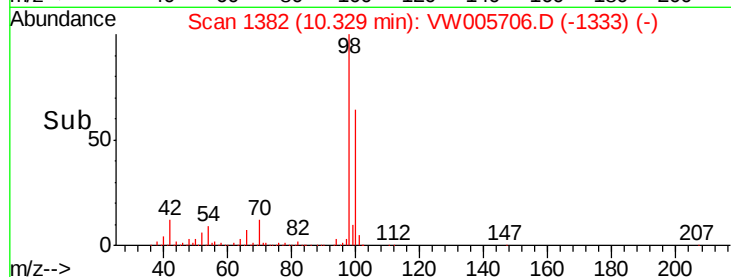
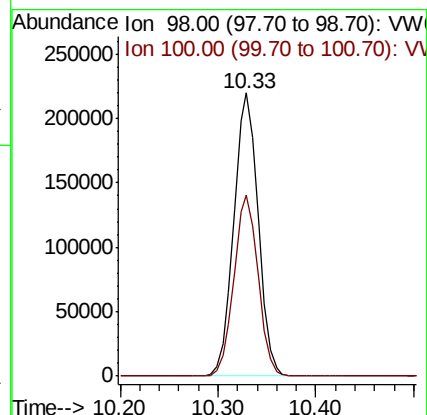
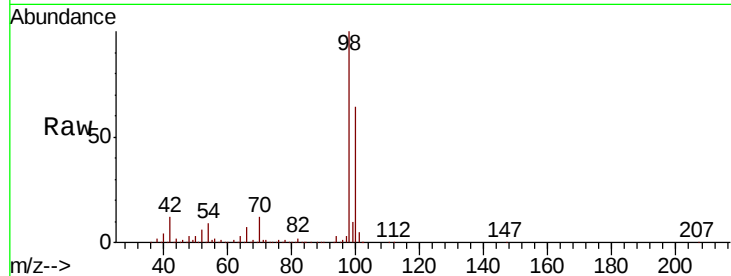
RA-092518-USTEXC-NW-L-063

Tot Ion: 98 Resp: 378420

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.186 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

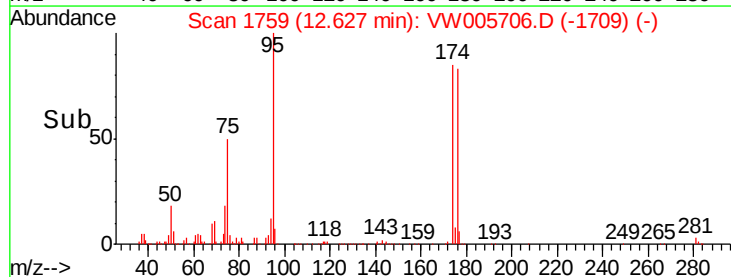
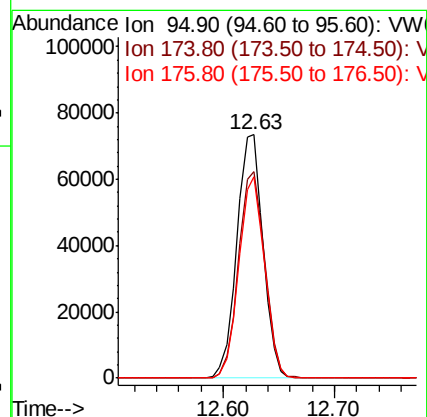
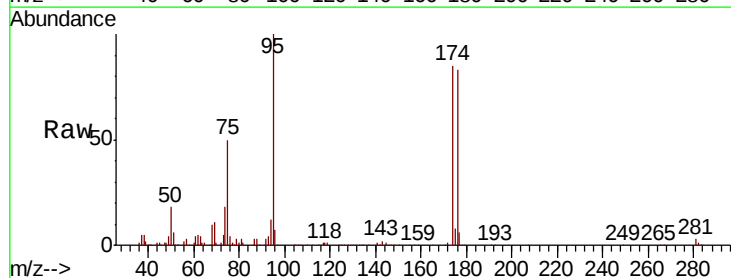
Tgt Ion: 95 Resp: 119519

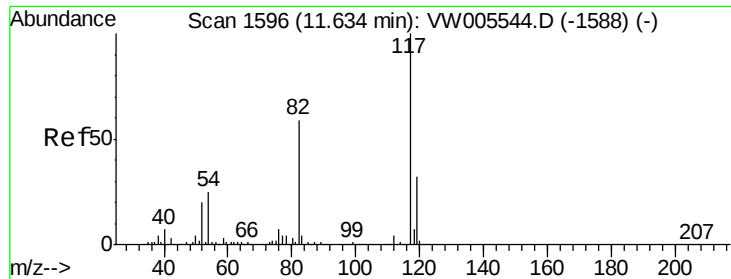
Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.8

176 81.2 0.0 158.0

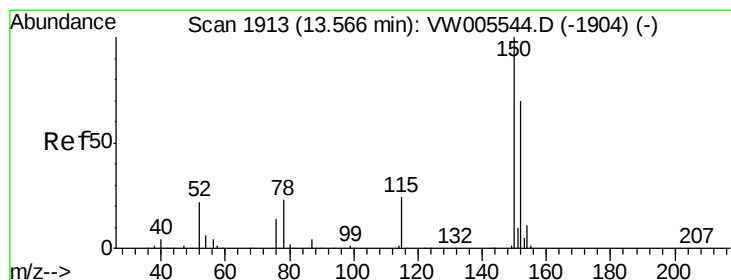
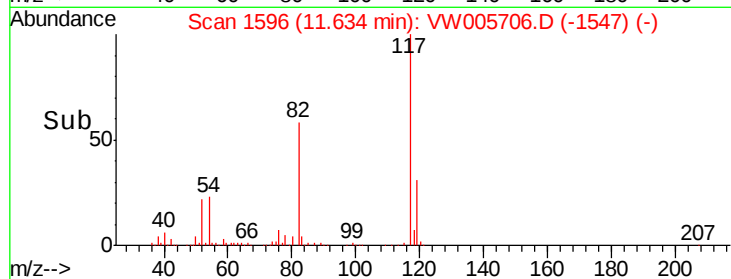
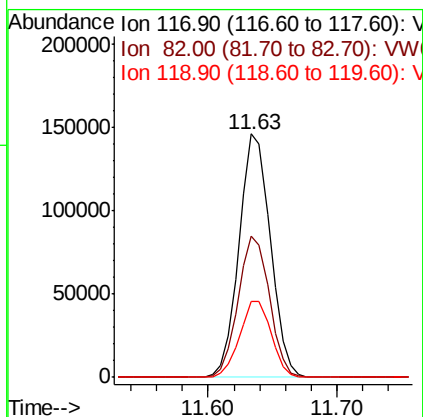
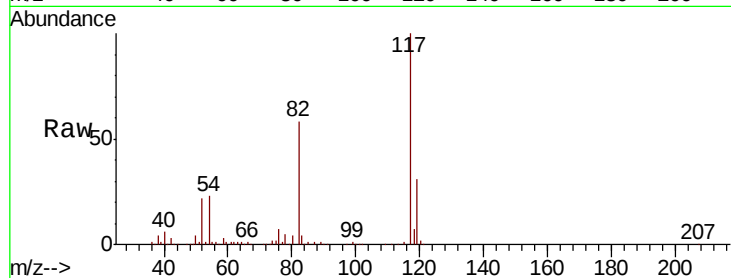




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005706.D
Acq: 27 Sep 2018 17:52

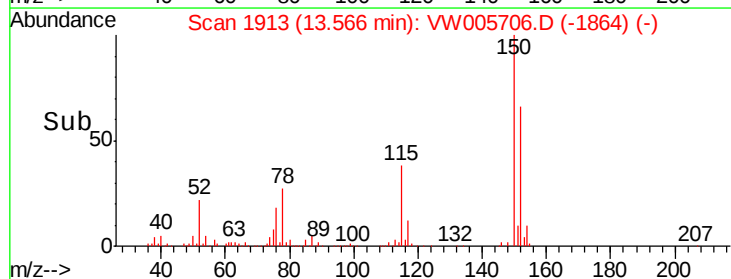
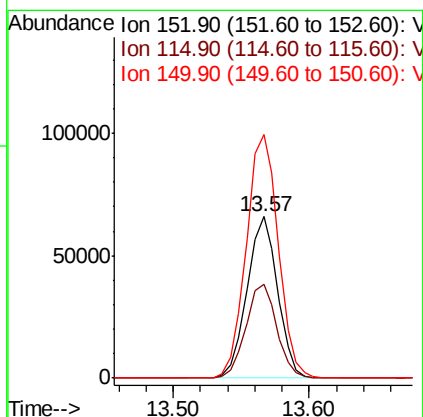
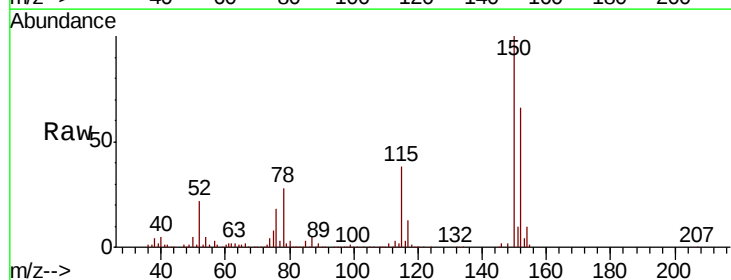
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-L-063

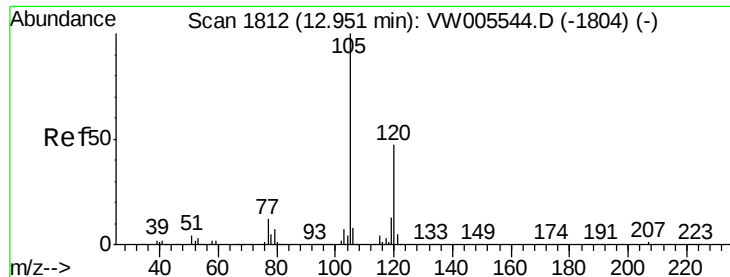
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.9	70.3
119	31.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005706.D
Acq: 27 Sep 2018 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.0	90.0
150	157.8	0.0	348.6

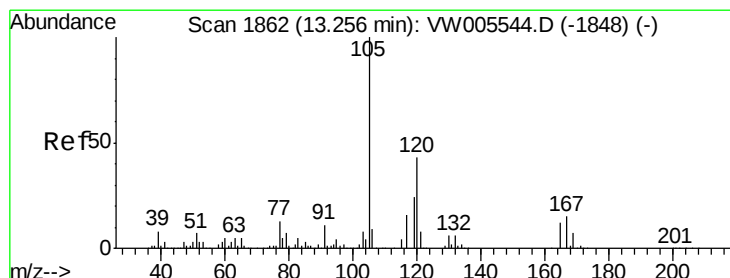
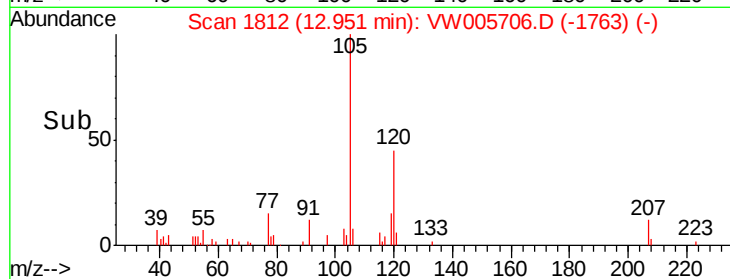
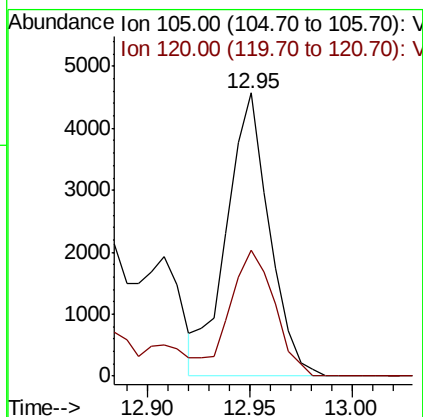
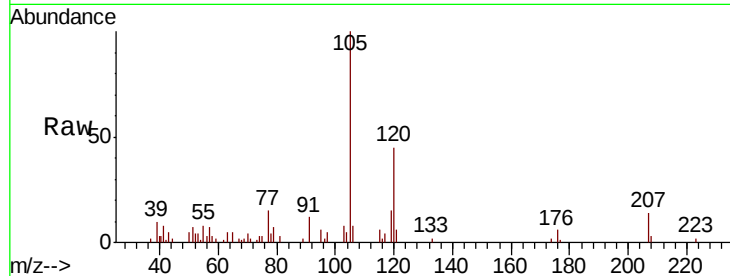




#80
 1,3,5-Trimethylbenzene
 Concen: 1.057 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005706.D
 Acq: 27 Sep 2018 17:52

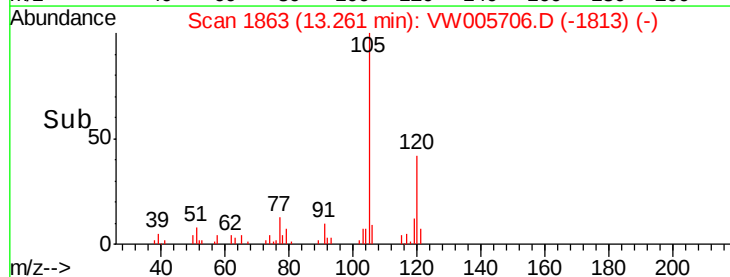
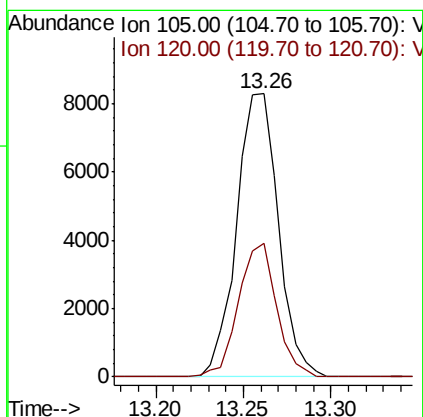
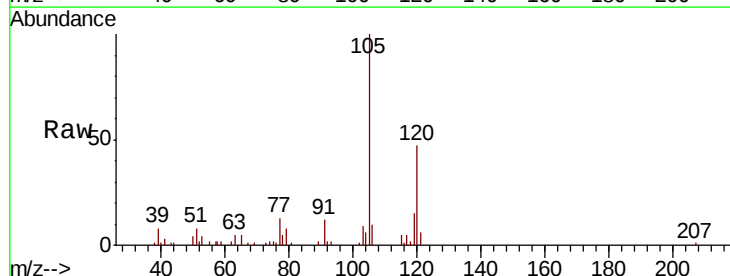
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 RA-092518-USTEXC-NW-L-063

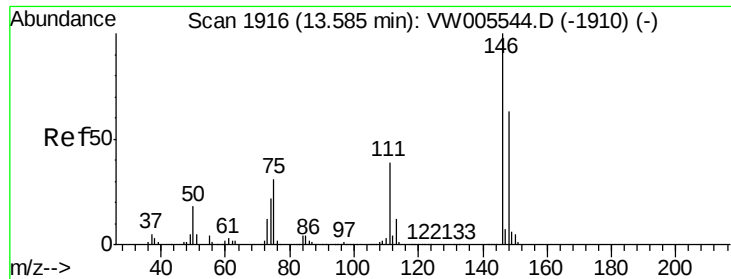
Tot Ion:105 Resp: 6622
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.6 70.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.179 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005706.D
 Acq: 27 Sep 2018 17:52

Tgt Ion:105 Resp: 13771
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.5 64.5





#88

1,4-Dichlorobenzene

Concen: 4.985 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

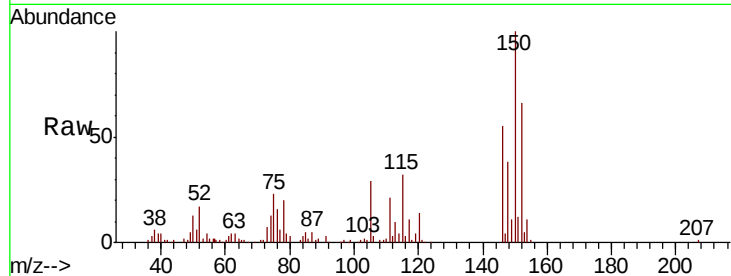
Instrument :

MSVOA_W

ClientSampleId :

RA-092518-USTEXC-NW-L-063

Tot Ion:146	Resp:	17115
Ion Ratio	Lower	Upper
146	100	
111	48.3	19.9 59.7
148	68.4	32.1 96.3

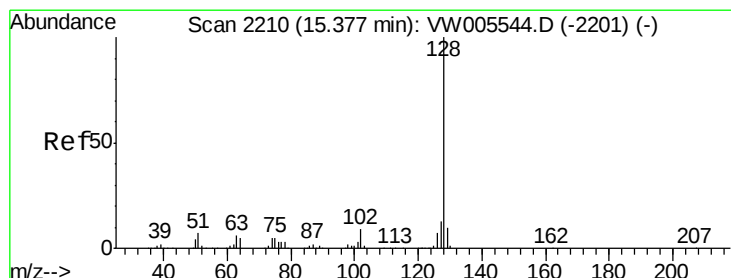
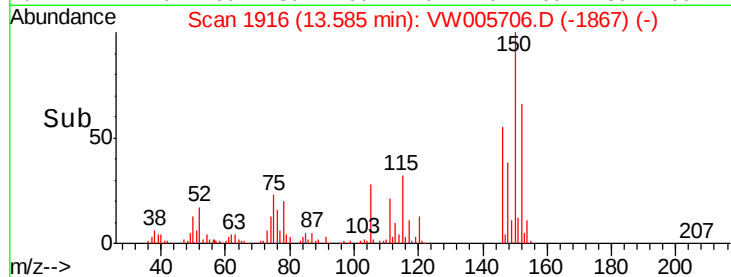
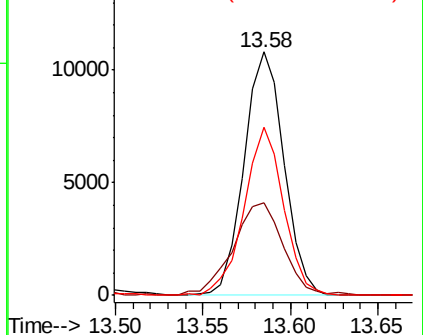


Abundance

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



#95

Naphthalene

Concen: 4.456 ug/l

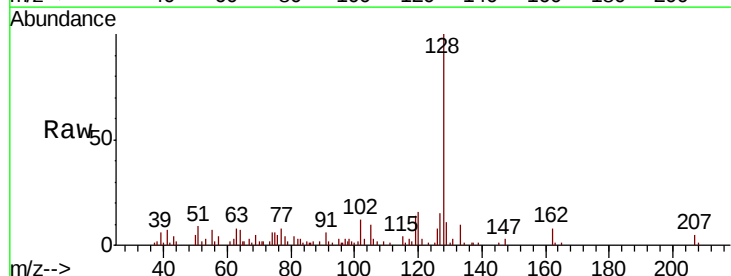
RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005706.D

Acq: 27 Sep 2018 17:52

Tgt Ion:128	Resp:	16293
Ion Ratio	Lower	Upper
128	100	
127	15.4	10.9 16.3
129	10.2	8.6 13.0



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

