

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004796.D
 Acq On : 20 Aug 2018 17:28
 Operator : SY/AP
 Sample : J4483-01
 Misc : 6.60G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-IB-8-0-2

Quant Time: Aug 21 01:25:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	130496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	197329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	77316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	73485	58.25	ug/l	0.00
Spiked Amount			Recovery	=	116.50%	
35) Dibromofluoromethane	7.89	113	69688	55.26	ug/l	0.00
Spiked Amount			Recovery	=	110.52%	
50) Toluene-d8	10.33	98	238681	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.63	95	69089	39.01	ug/l	0.00
Spiked Amount			Recovery	=	78.02%	

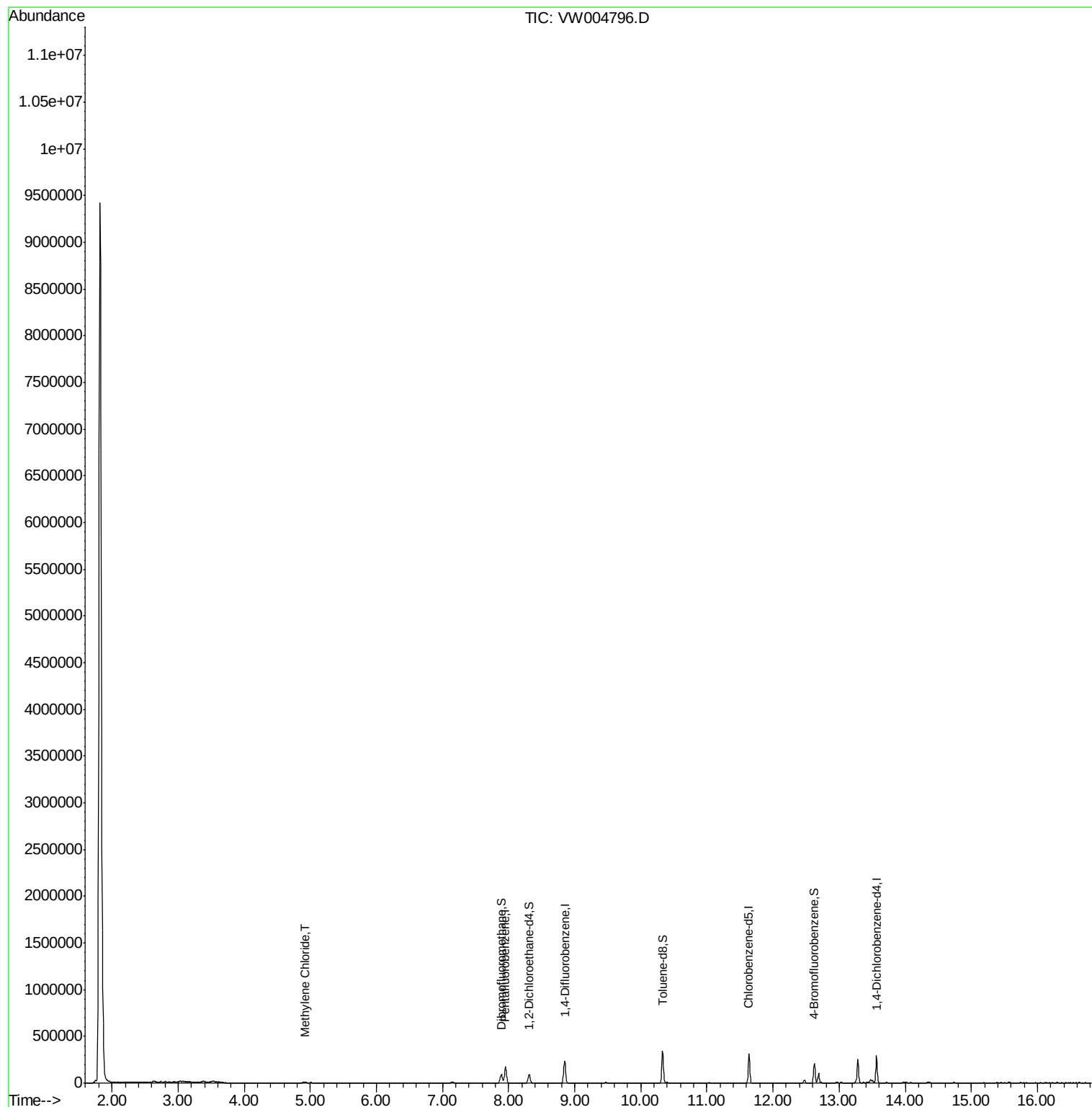
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	10042	2.75	ug/l	86

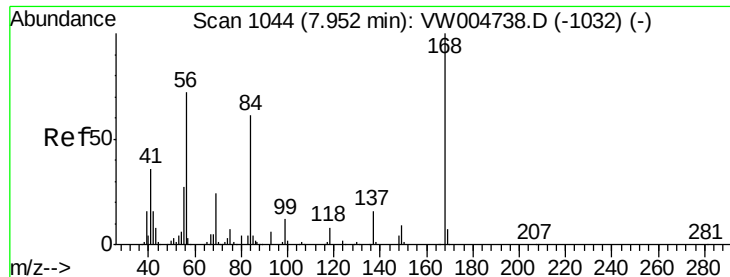
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004796.D

Acq: 20 Aug 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

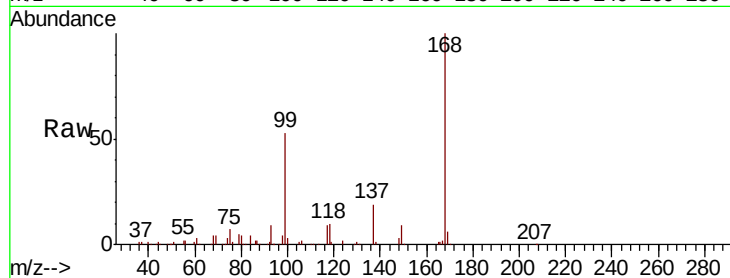
TOD1-IB-8-0-2

Tot Ion:168 Resp: 130496

Ion Ratio Lower Upper

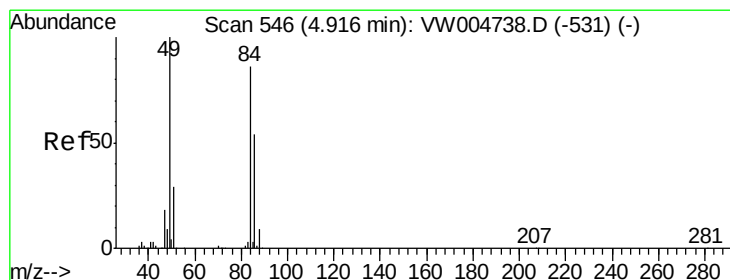
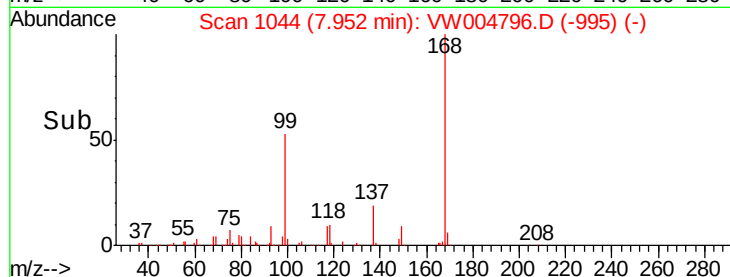
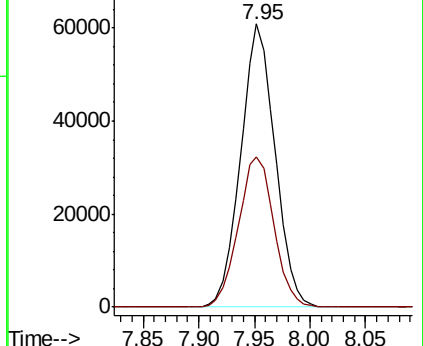
168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 2.75 ug/l

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW004796.D

Acq: 20 Aug 2018 17:28

Tgt Ion: 84 Resp: 10042

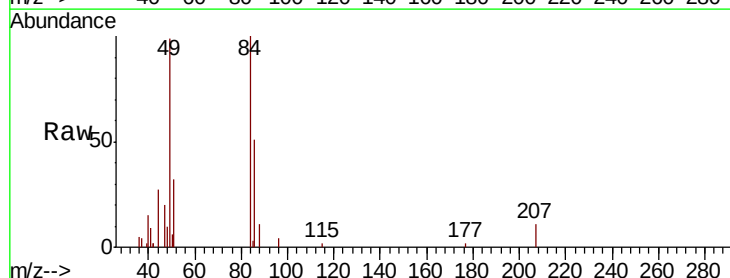
Ion Ratio Lower Upper

84 100

49 98.7 93.2 139.8

51 32.1 27.4 41.0

86 50.6 50.6 75.8

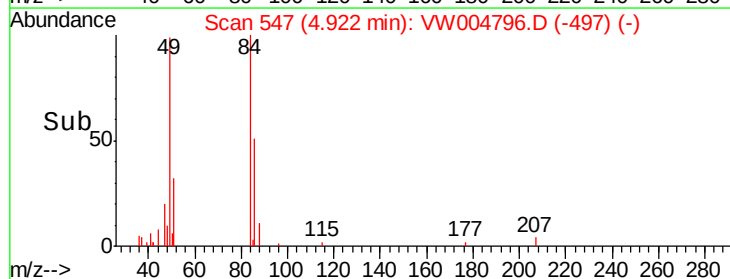
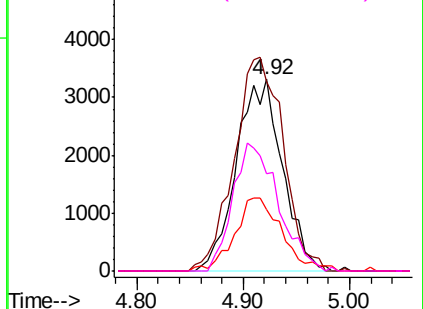


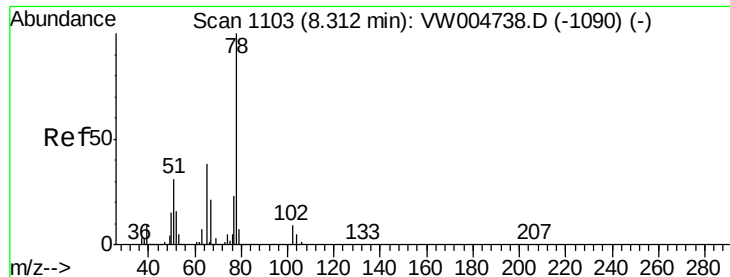
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

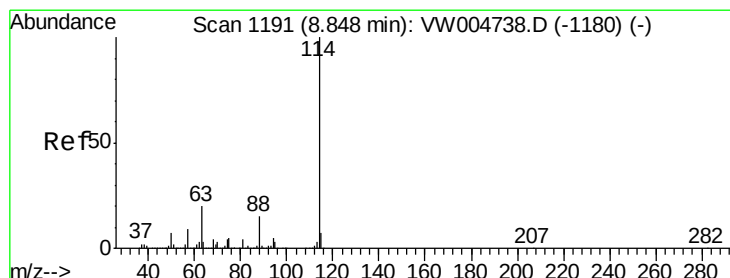
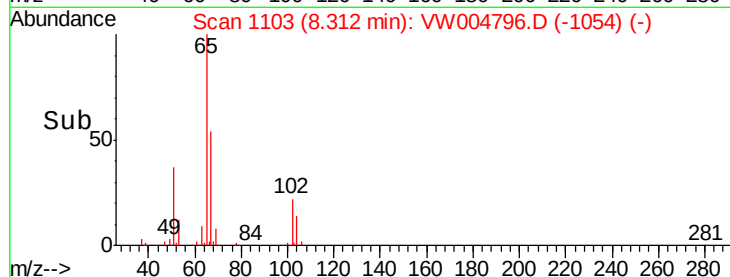
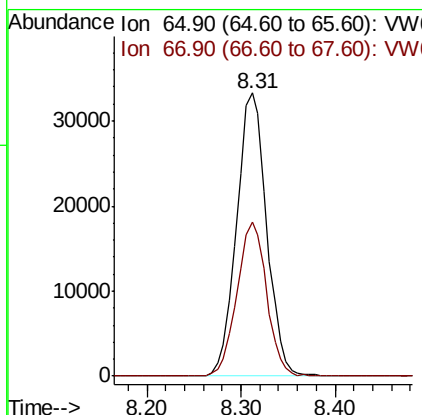
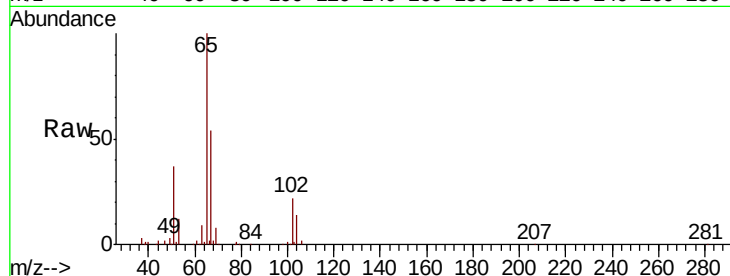




#33
 1,2-Dichloroethane-d4
 Concen: 58.25 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004796.D
 Acq: 20 Aug 2018 17:28

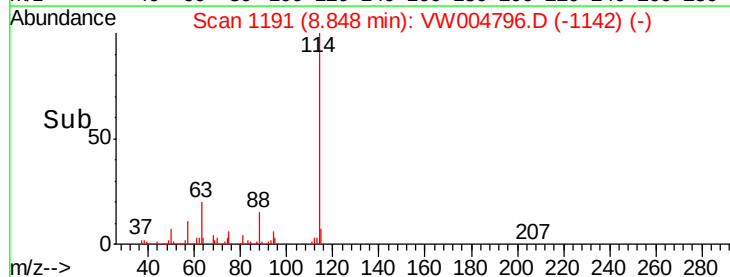
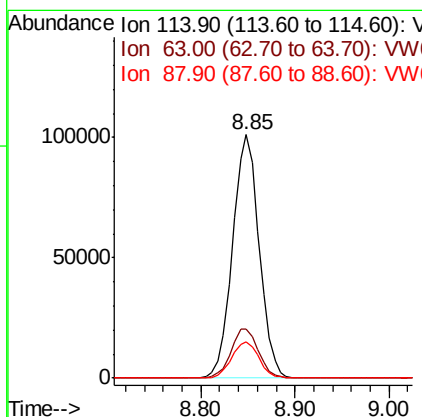
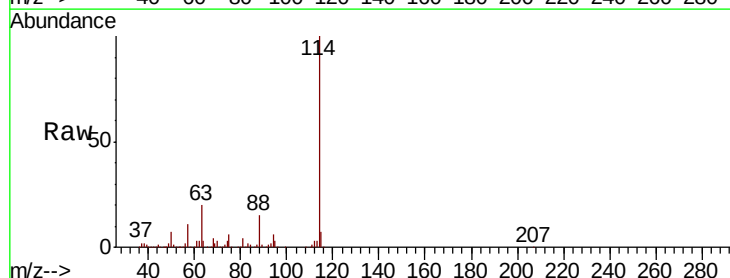
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-IB-8-0-2

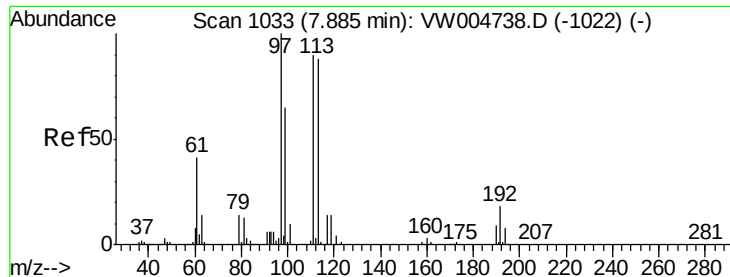
Tot Ion: 65 Resp: 73485
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004796.D
 Acq: 20 Aug 2018 17:28

Tgt Ion: 114 Resp: 197329
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.26 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004796.D

Acq: 20 Aug 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

TOD1-IB-8-0-2

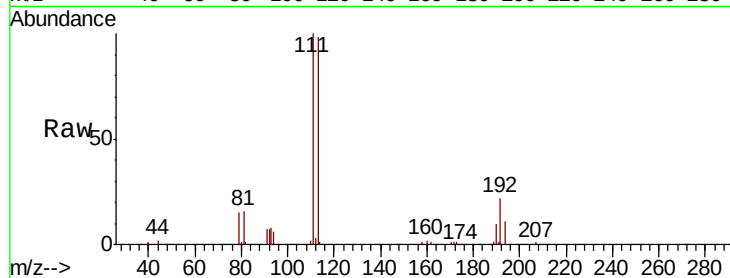
Tot Ion:113 Resp: 69688

Ion Ratio Lower Upper

113 100

111 105.2 82.4 123.6

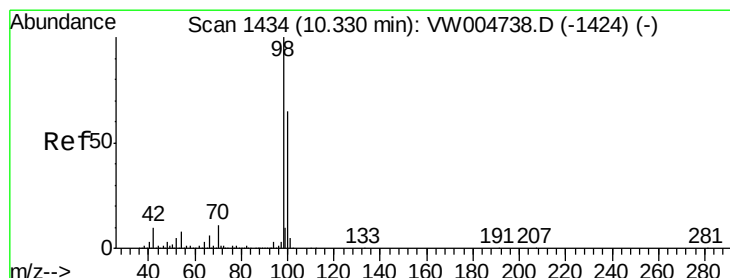
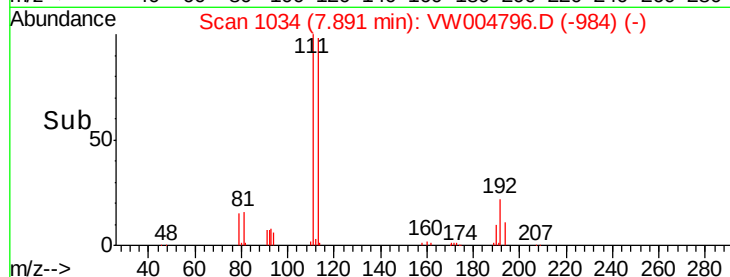
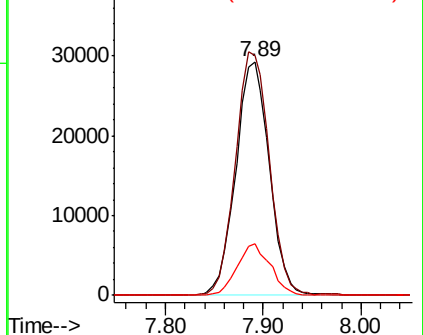
192 21.8 16.7 25.1



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: 48.48 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004796.D

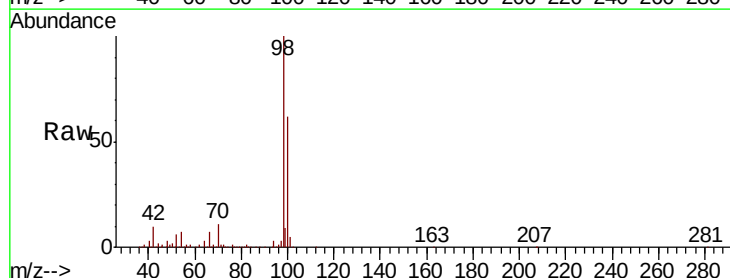
Acq: 20 Aug 2018 17:28

Tgt Ion: 98 Resp: 238681

Ion Ratio Lower Upper

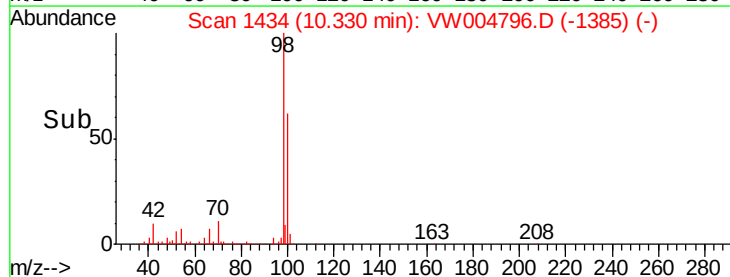
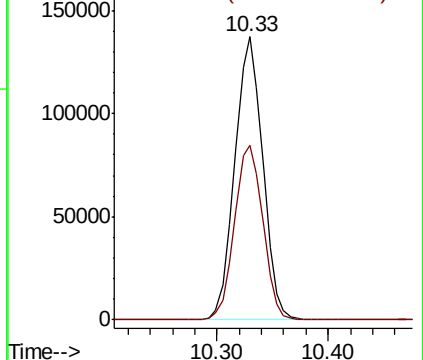
98 100

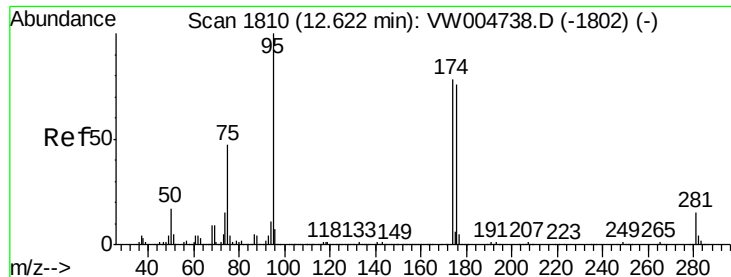
100 62.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

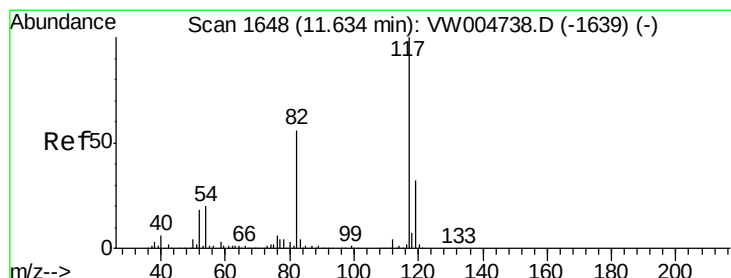
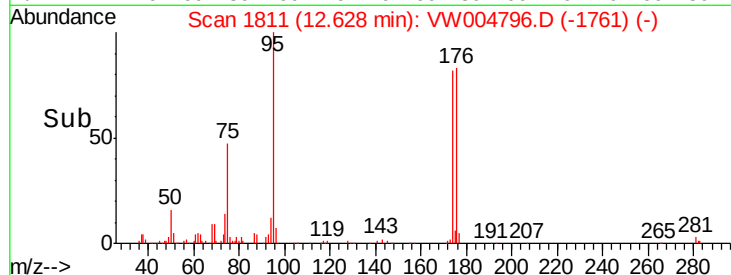
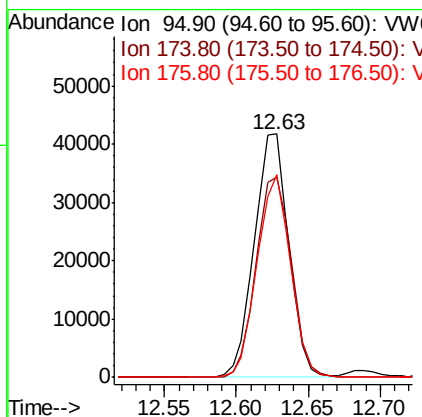
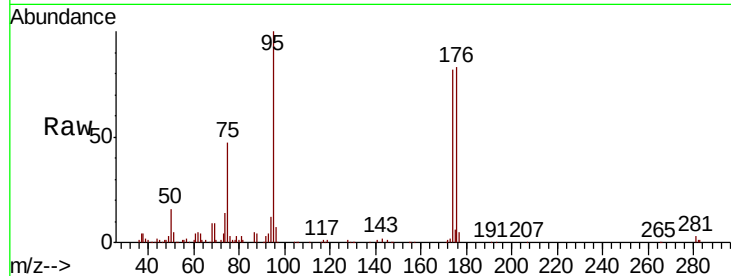




#62
4-Bromofluorobenzene
Concen: 39.01 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004796.D
Acq: 20 Aug 2018 17:28

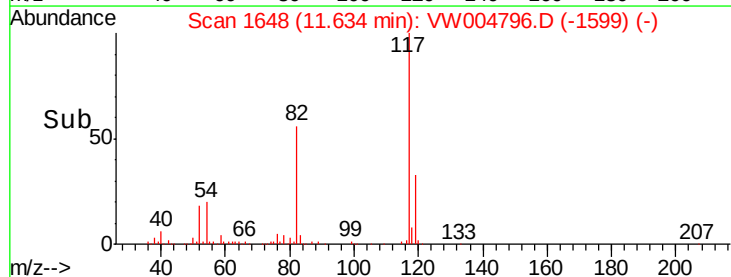
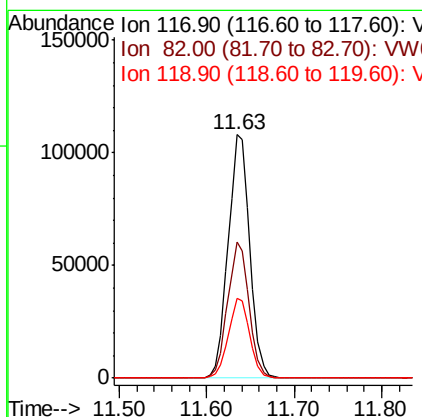
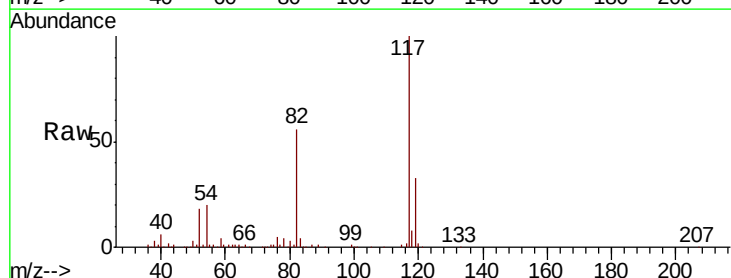
Instrument :
MSVOA_W
ClientSampleId :
TOD1-IB-8-0-2

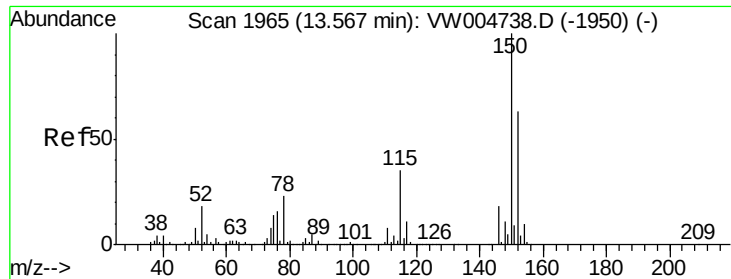
Tot Ion: 95 Resp: 69089
Ion Ratio Lower Upper
95 100
174 84.3 0.0 165.8
176 80.8 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004796.D
Acq: 20 Aug 2018 17:28

Tgt Ion: 117 Resp: 185937
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004796.D

Acq: 20 Aug 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

TOD1-IB-8-0-2

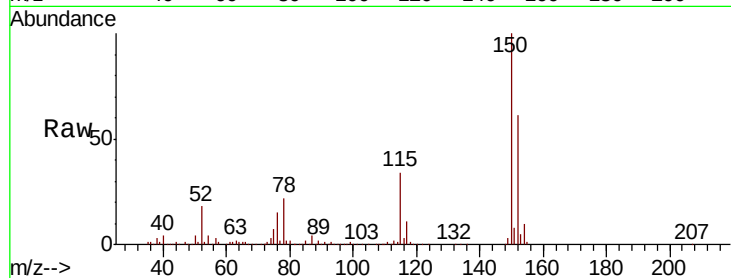
Tot Ion:152 Resp: 77316

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

150 160.7 0.0 344.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

