

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004856.D
 Acq On : 21 Aug 2018 21:37
 Operator : SY/AP
 Sample : J4574-01
 Misc : 7.82G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-03-51-51.5

Quant Time: Aug 22 12:03:26 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	146178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	223846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	210240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91765	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	80231	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	
35) Dibromofluoromethane	7.88	113	70440	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	10.33	98	221056	39.58	ug/l	0.00
Spiked Amount			Recovery	=	79.16%	
62) 4-Bromofluorobenzene	12.62	95	68866	34.28	ug/l	0.00
Spiked Amount			Recovery	=	68.56%	

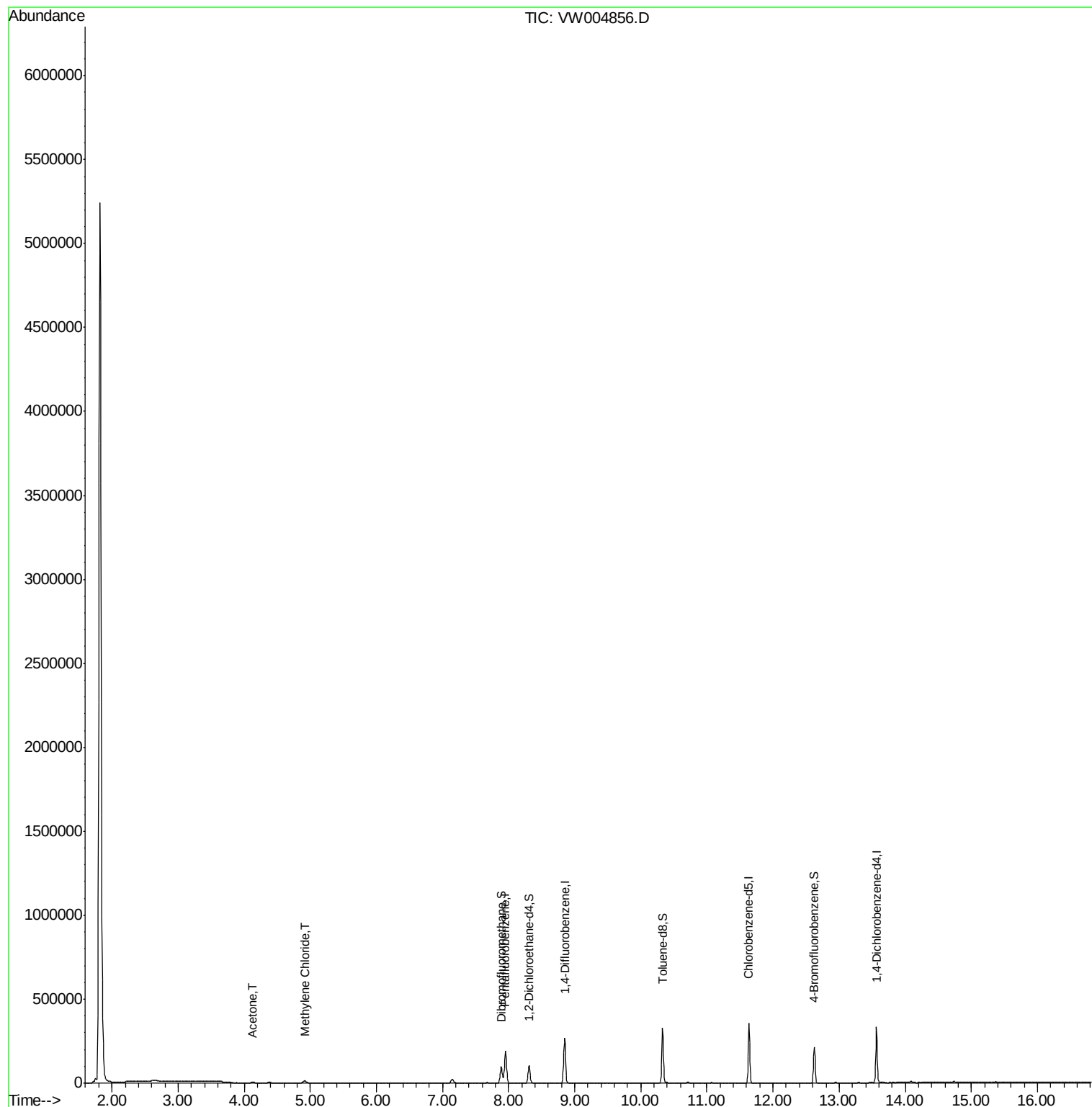
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7775	21.55	ug/l	99
20) Methylene Chloride	4.92	84	9829	1.81	ug/l	89

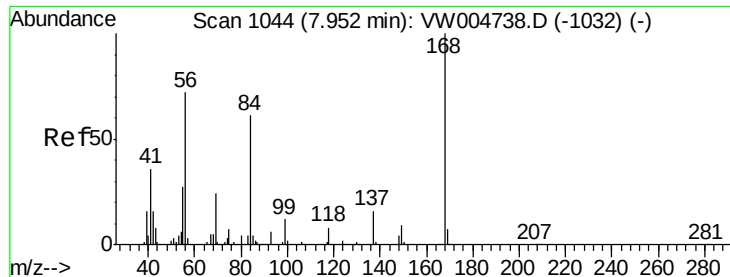
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

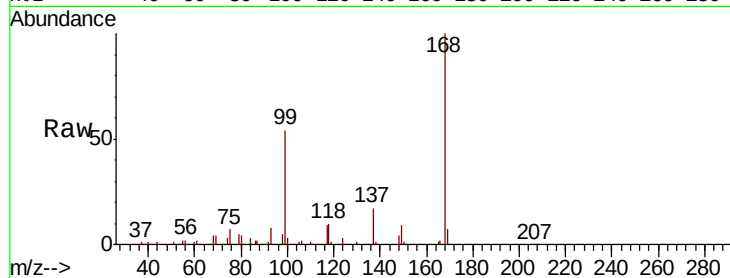
TOD1-SB-03-51-51.5

Tot Ion:168 Resp: 146178

Ion Ratio Lower Upper

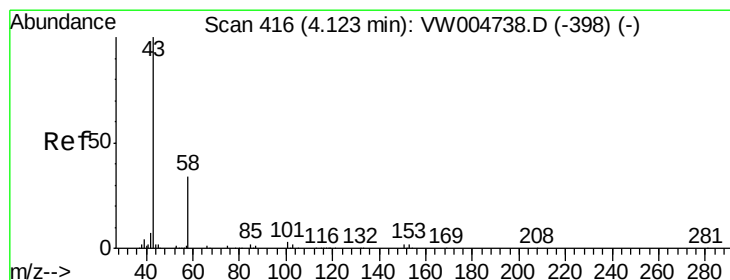
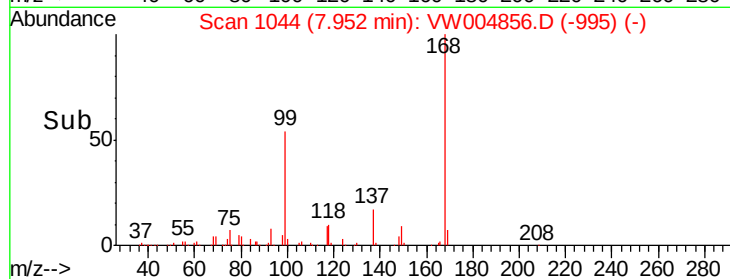
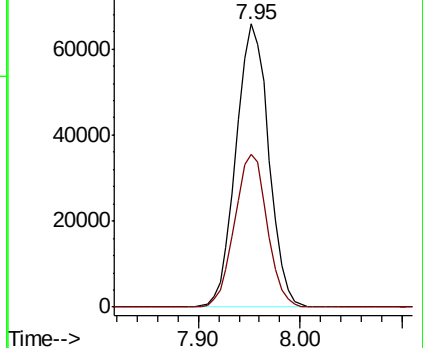
168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.55 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004856.D

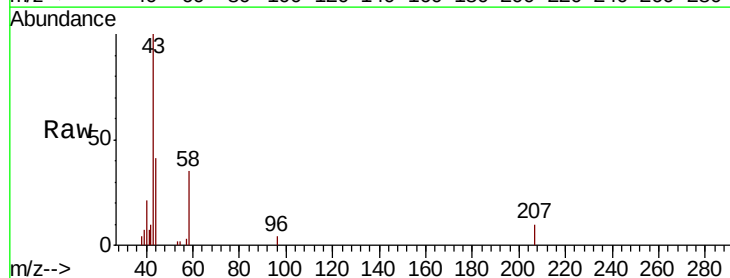
Acq: 21 Aug 2018 21:37

Tgt Ion: 43 Resp: 7775

Ion Ratio Lower Upper

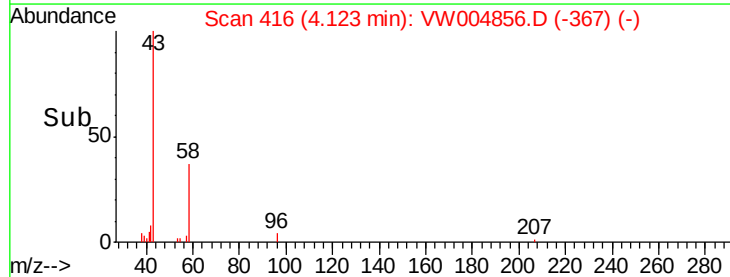
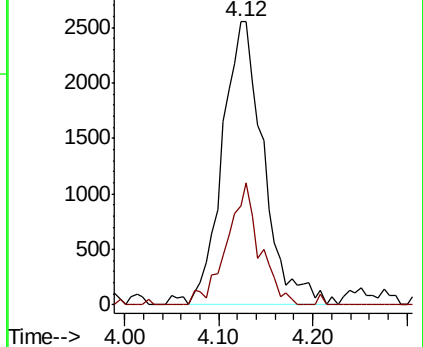
43 100

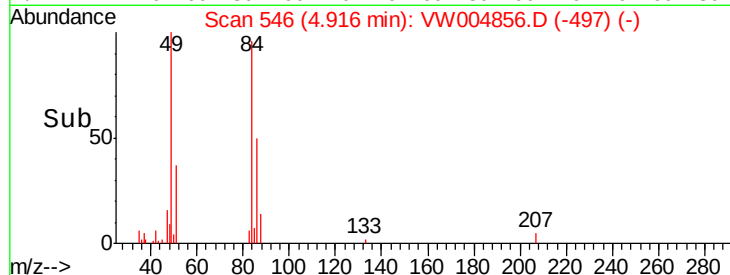
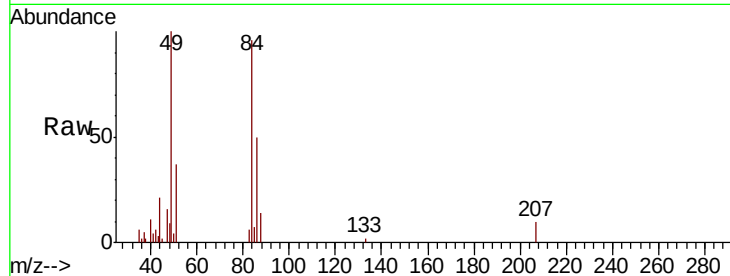
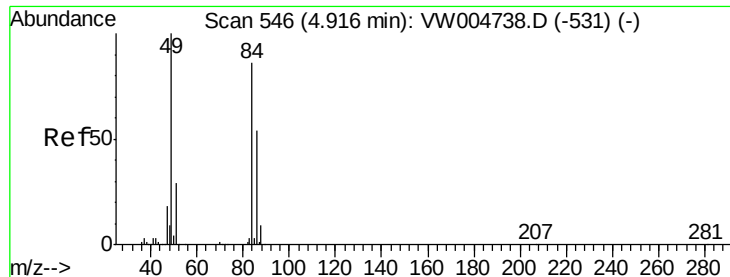
58 34.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.81 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-03-51-51.5

Tot Ion: 84 Resp: 9829

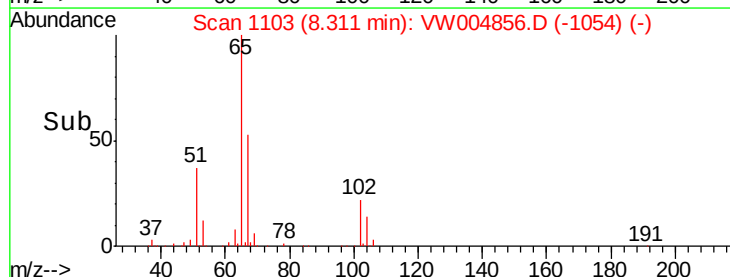
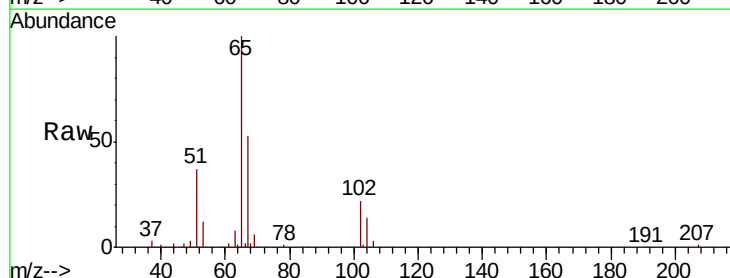
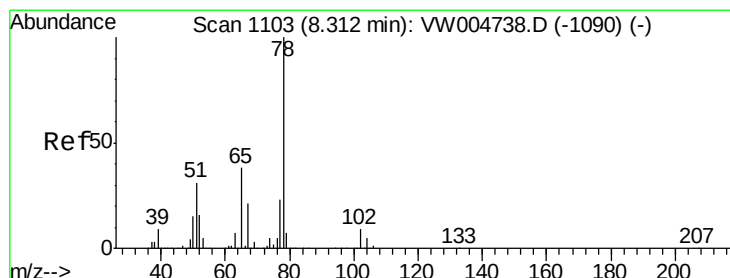
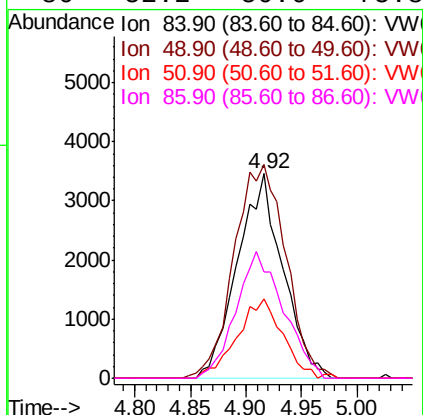
Ion Ratio Lower Upper

84 100

49 104.4 93.2 139.8

51 38.6 27.4 41.0

86 52.2 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 56.77 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004856.D

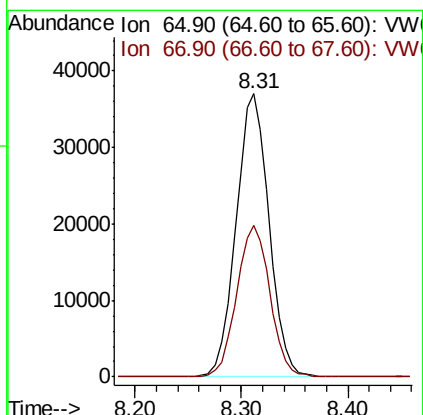
Acq: 21 Aug 2018 21:37

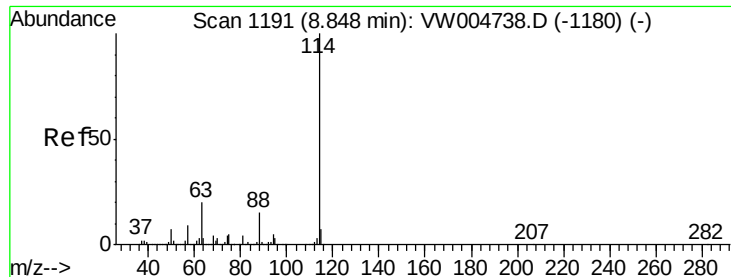
Tgt Ion: 65 Resp: 80231

Ion Ratio Lower Upper

65 100

67 54.1 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: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-03-51-51.5

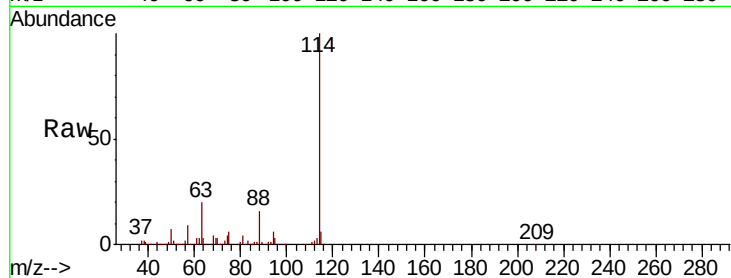
Tot Ion:114 Resp: 223846

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

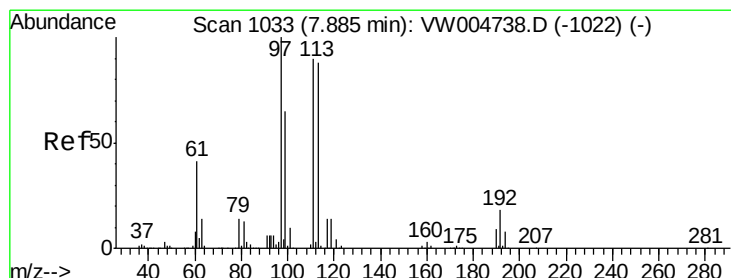
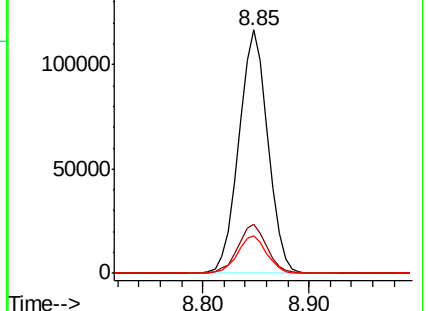
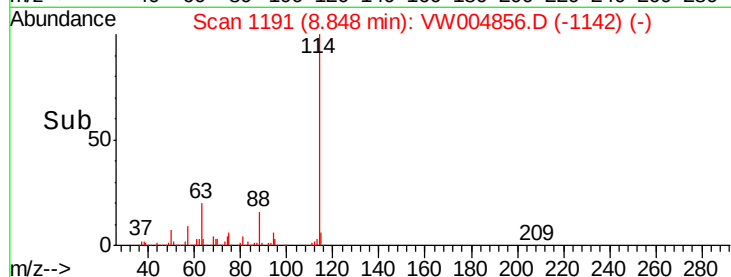
88 15.6 0.0 30.0



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: 49.24 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

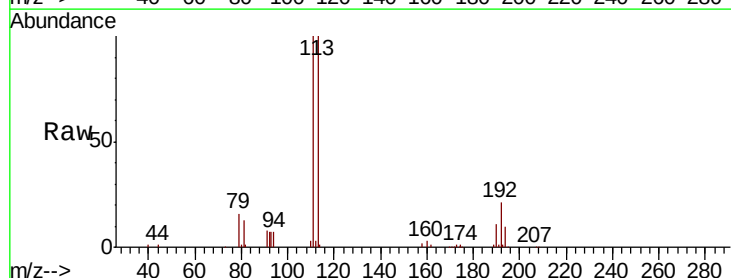
Tgt Ion:113 Resp: 70440

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

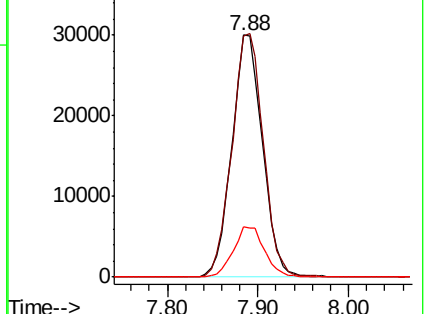
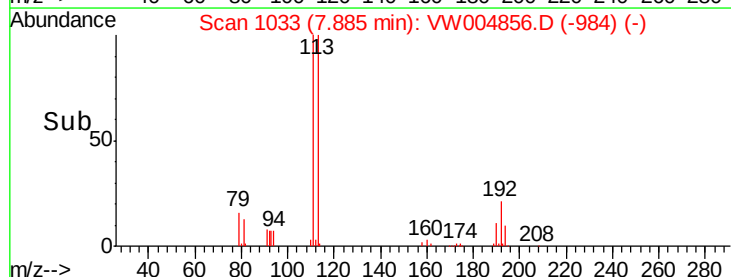
192 21.0 16.7 25.1

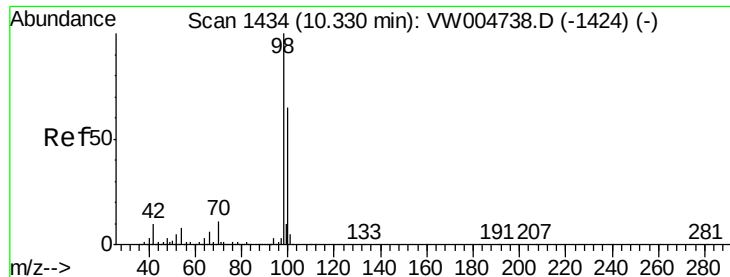


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.58 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

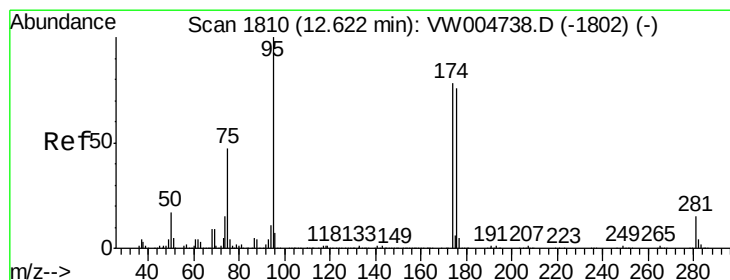
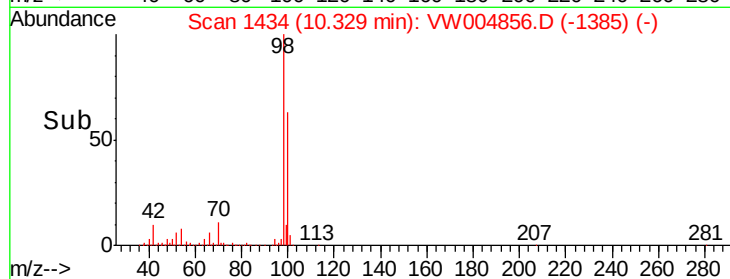
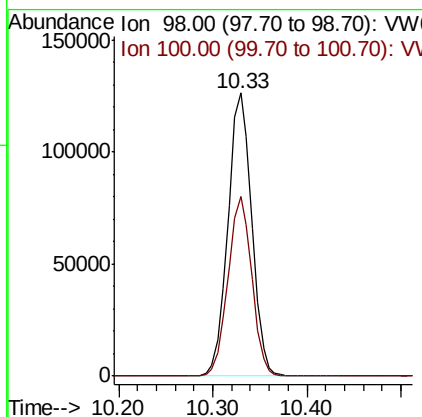
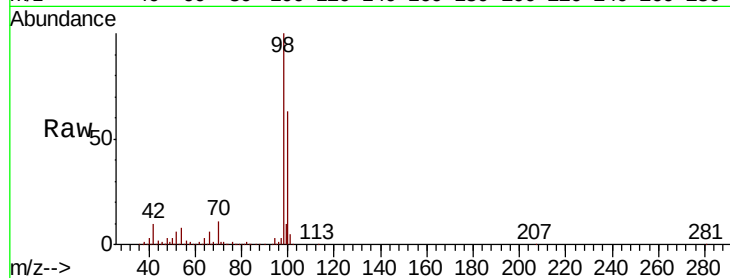
TOD1-SB-03-51-51.5

Tot Ion: 98 Resp: 221056

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 34.28 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004856.D

Acq: 21 Aug 2018 21:37

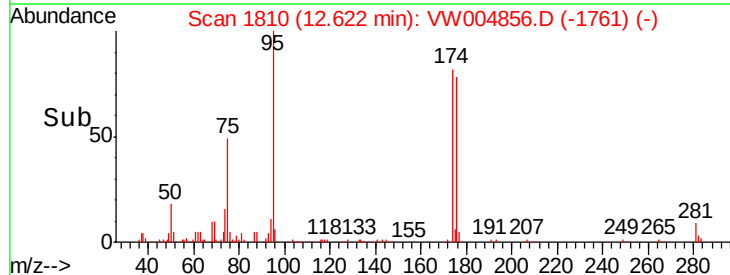
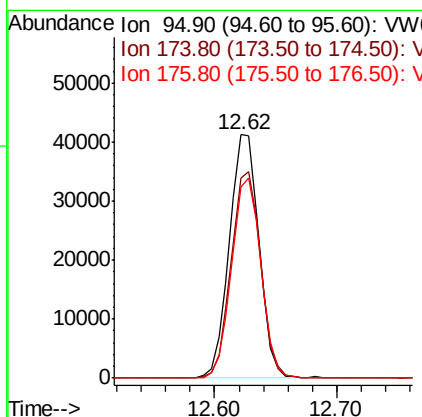
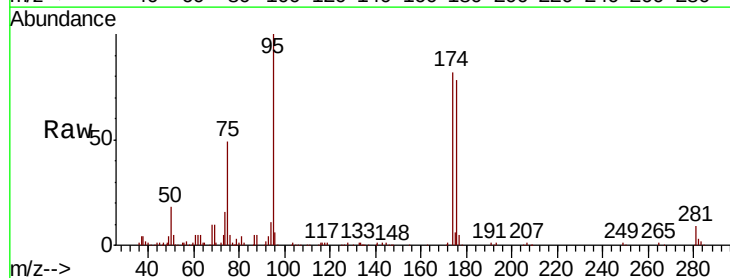
Tgt Ion: 95 Resp: 68866

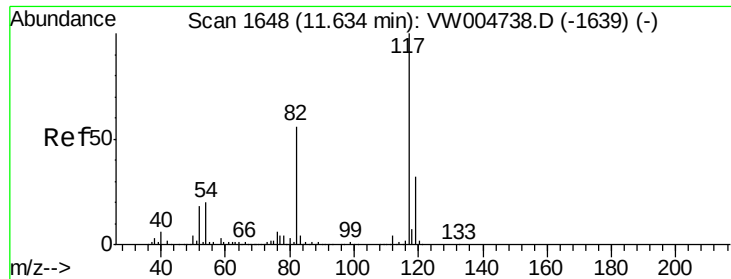
Ion Ratio Lower Upper

95 100

174 84.4 0.0 165.8

176 81.1 0.0 159.8

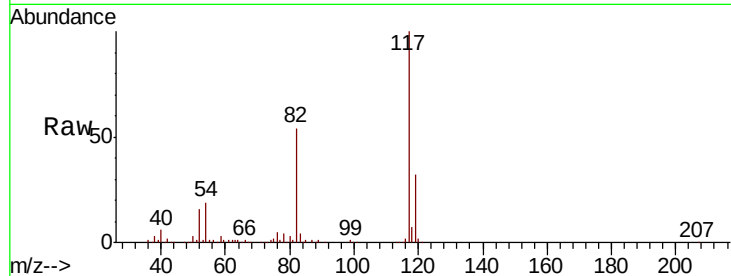




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-03-51-51.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.6	67.0
119	31.9	25.6	38.4

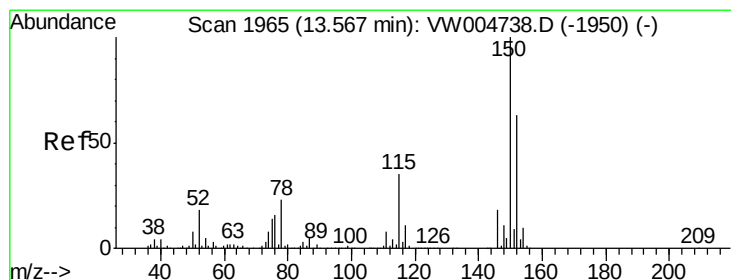
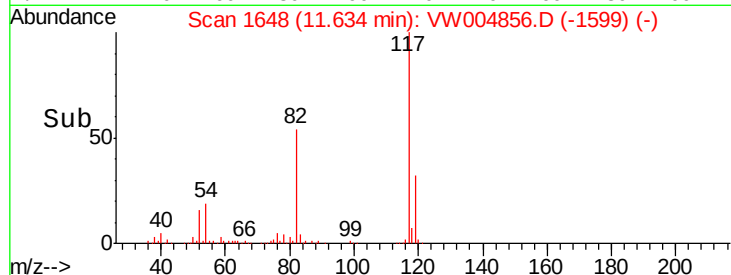
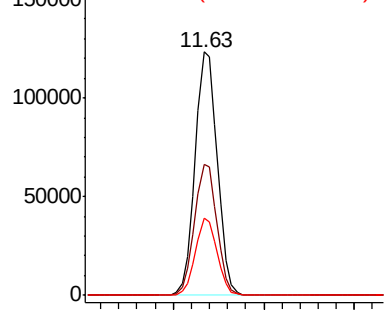


Abundance

Ion 116.90 (116.60 to 117.60): V

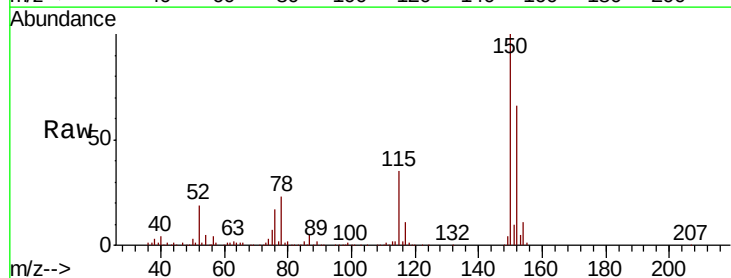
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004856.D
Acq: 21 Aug 2018 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.5	85.5
150	155.2	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

