

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004849.D
 Acq On : 21 Aug 2018 18:36
 Operator : SY/AP
 Sample : J4551-01
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-02-51-51.5

Quant Time: Aug 22 06:53:00 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	640239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1077616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1034701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	520382	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	318121	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.89	113	308494	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
50) Toluene-d8	10.33	98	1160733	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
62) 4-Bromofluorobenzene	12.62	95	399715	41.33	ug/l	0.00
Spiked Amount			Recovery	=	82.66%	

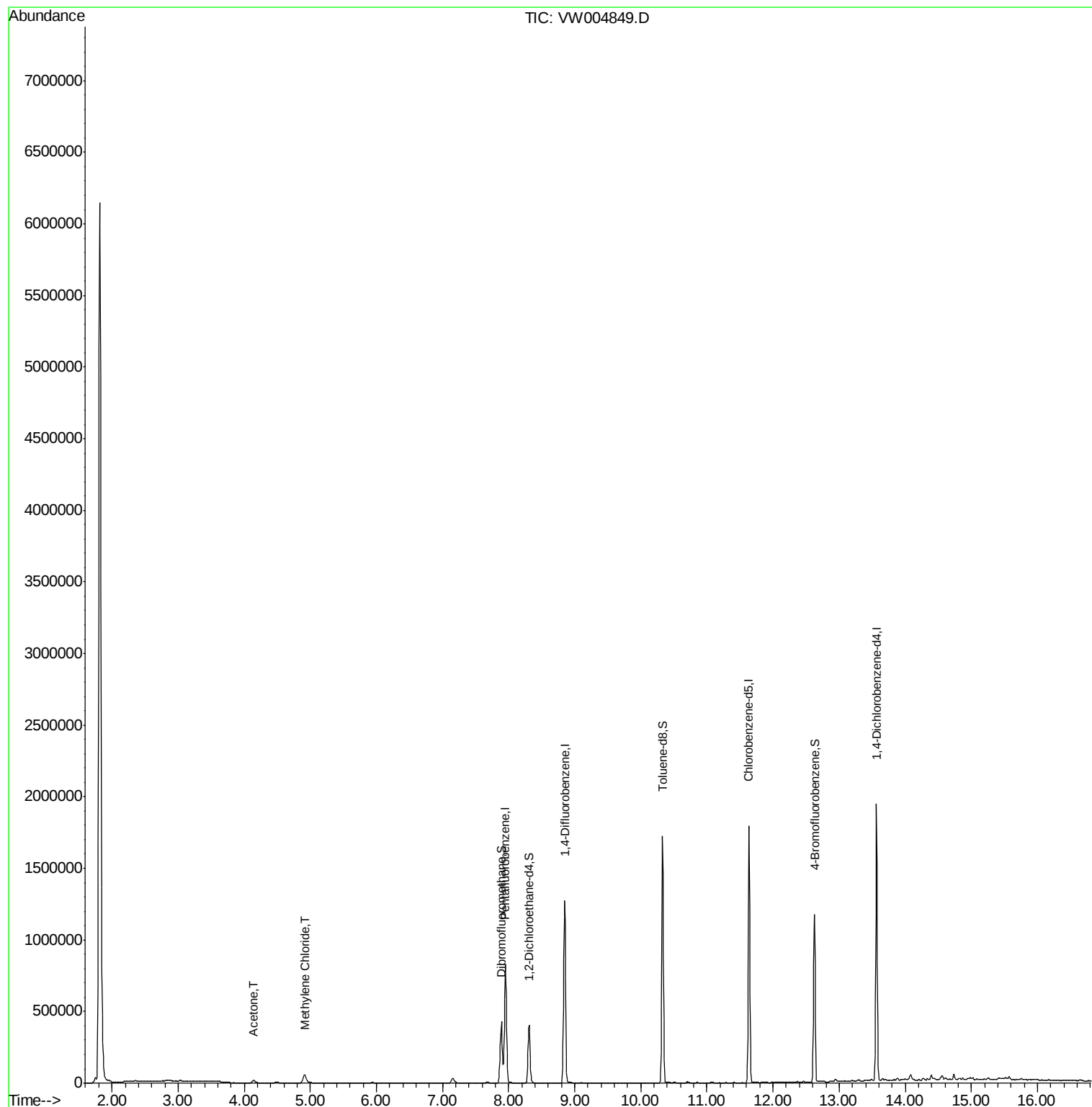
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	31283	19.80	ug/l	93
20) Methylene Chloride	4.92	84	50985	3.01	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004849.D

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Instrument :

MSVOA_W

ClientSampleId :

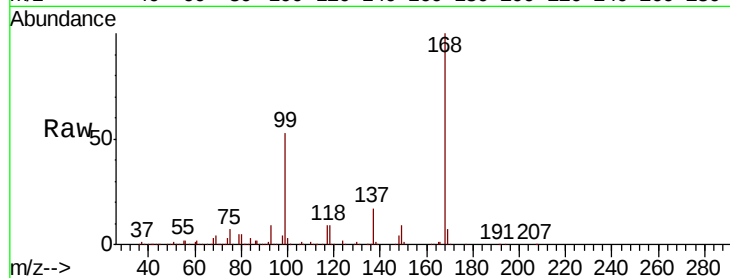
TOD1-SB-02-51-51.5

Tot Ion:168 Resp: 640239

Ion Ratio Lower Upper

168 100

99 53.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

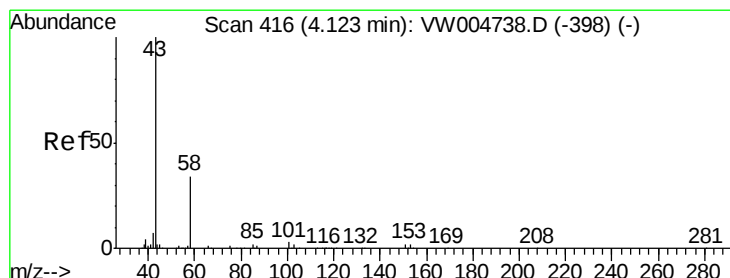
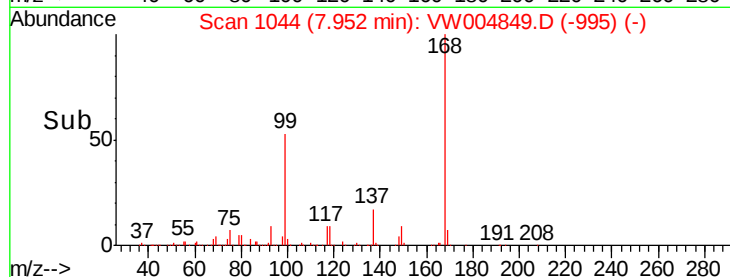
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 19.80 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004849.D

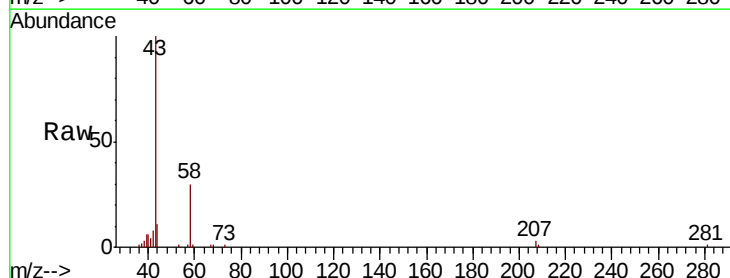
Acq: 21 Aug 2018 18:36

Tgt Ion: 43 Resp: 31283

Ion Ratio Lower Upper

43 100

58 30.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

10000

8000

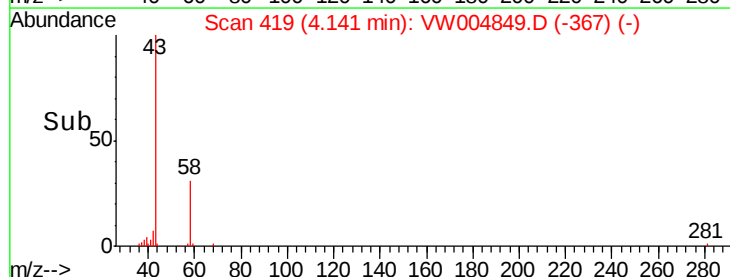
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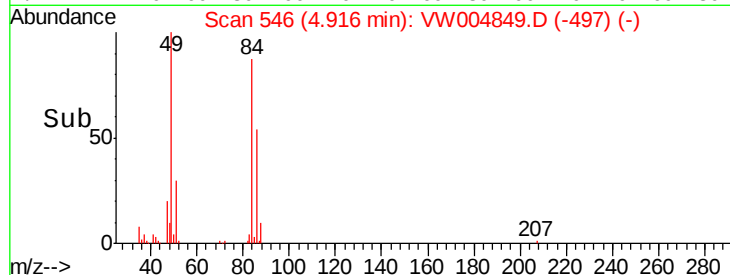
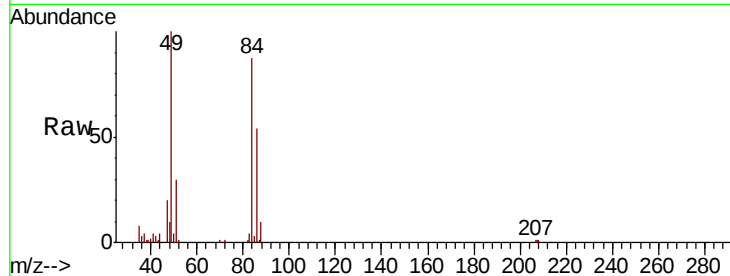
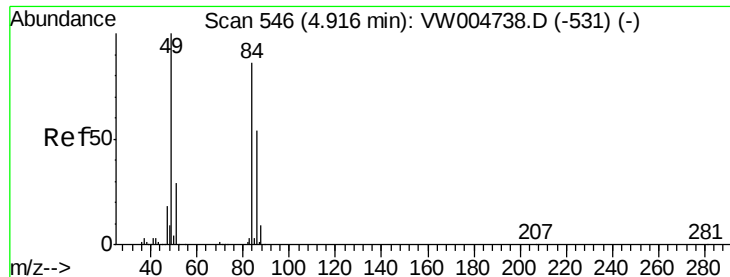
4000

2000

0

Time--> 4.10 4.20

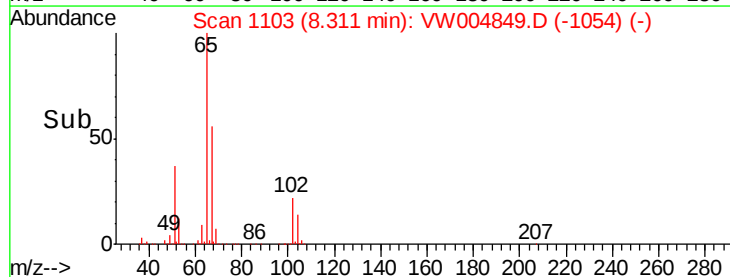
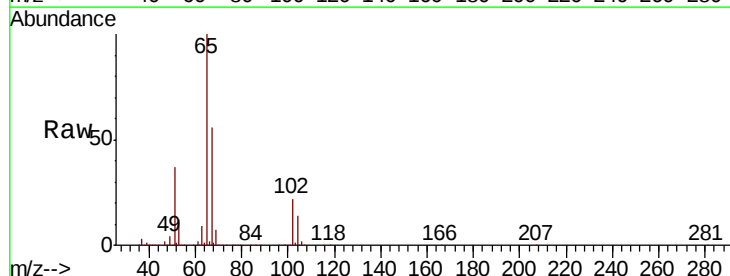
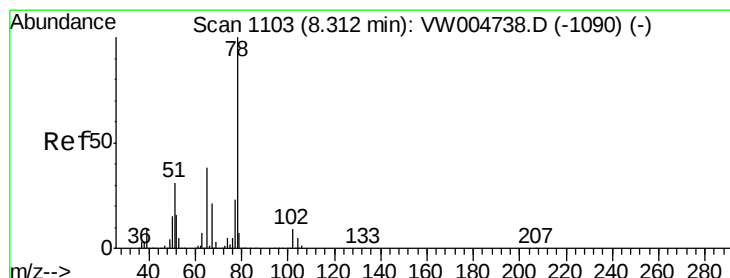
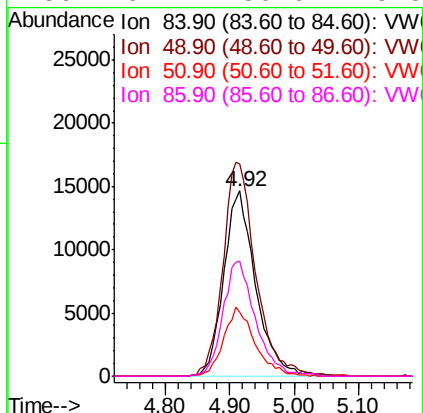




#20
Methvlene Chloride
Concen: 3.01 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

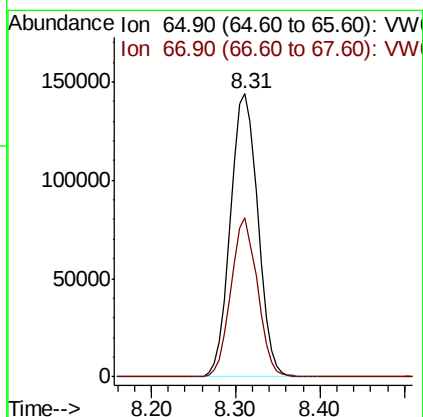
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-02-51-51.5

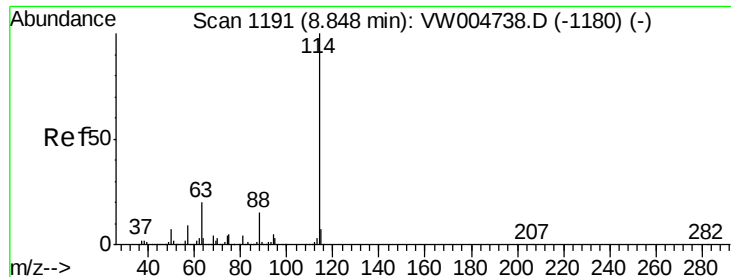
Tot Ion:	84	Resp:	50985
Ion	Ratio	Lower	Upper
84	100		
49	114.8	93.2	139.8
51	34.7	27.4	41.0
86	62.2	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 51.39 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

Tgt Ion:	65	Resp:	318121
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.4

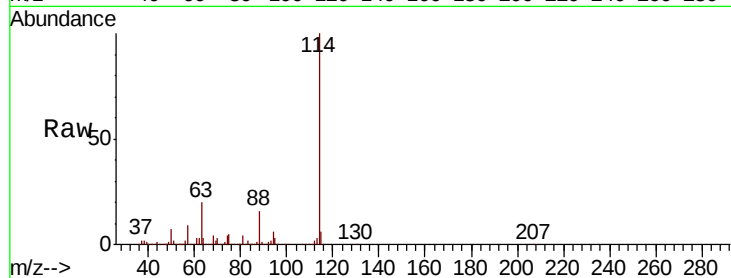




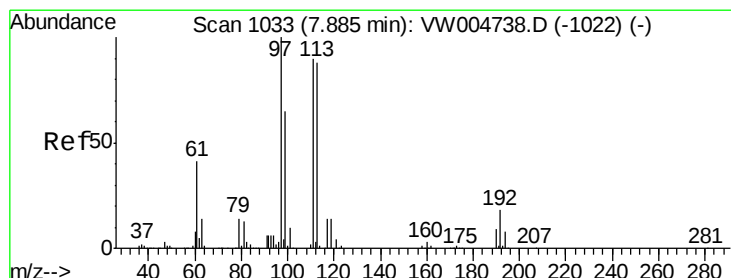
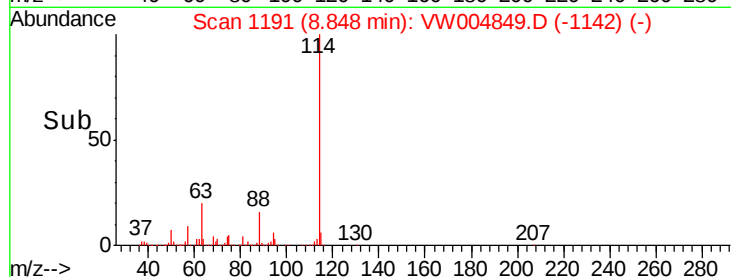
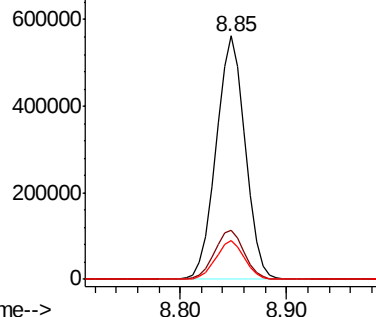
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-02-51-51.5

Tot Ion:114 Resp: 1077616
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.9 0.0 30.0

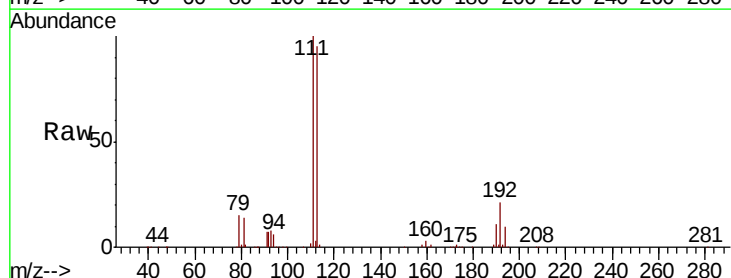


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

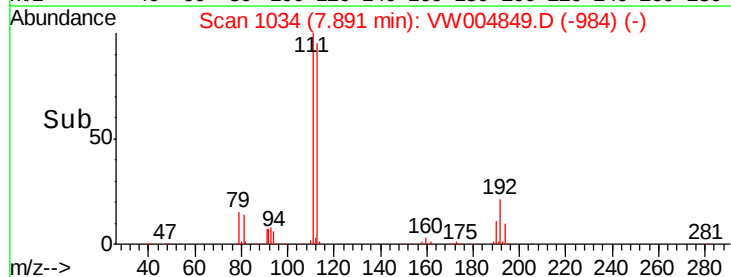
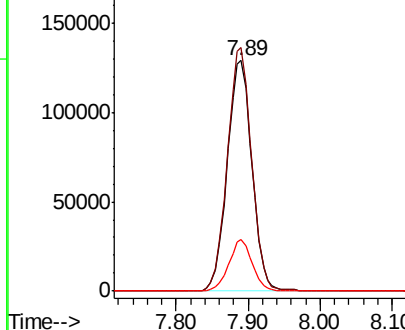


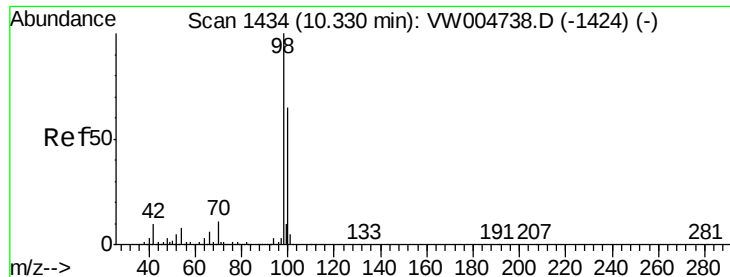
#35
Dibromofluoromethane
Concen: 44.79 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

Tgt Ion:113 Resp: 308494
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 21.1 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: 43.17 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004849.D

Acq: 21 Aug 2018 18:36

Instrument :

MSVOA_W

ClientSampleId :

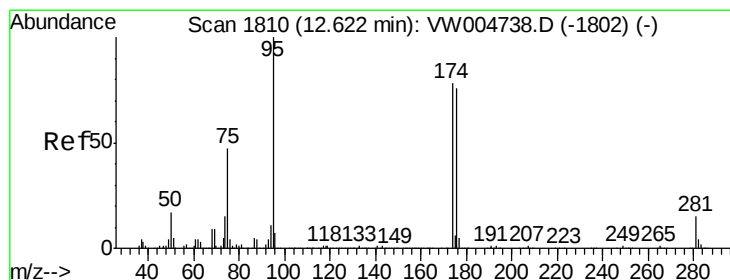
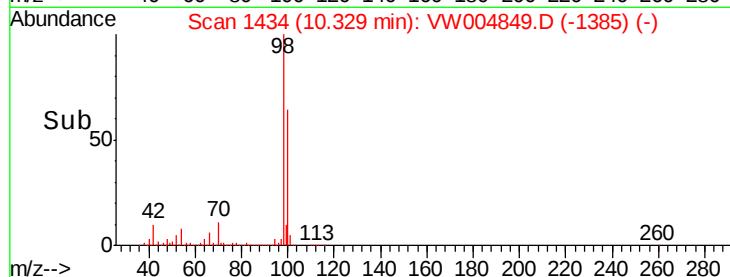
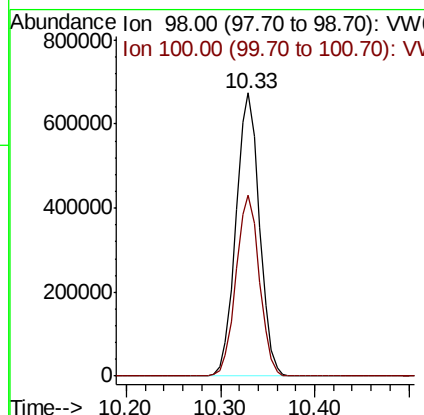
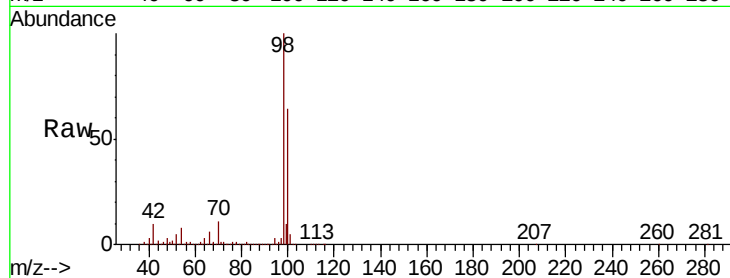
TOD1-SB-02-51-51.5

Tot Ion: 98 Resp: 1160733

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 41.33 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004849.D

Acq: 21 Aug 2018 18:36

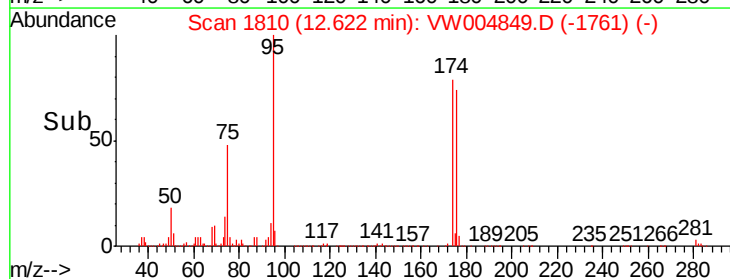
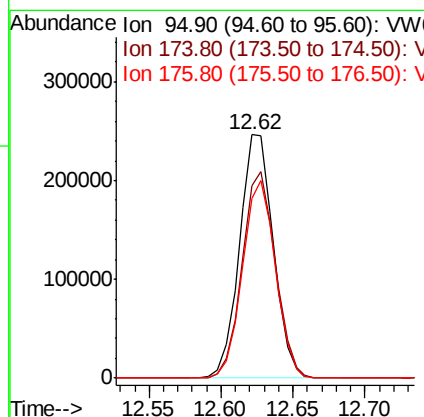
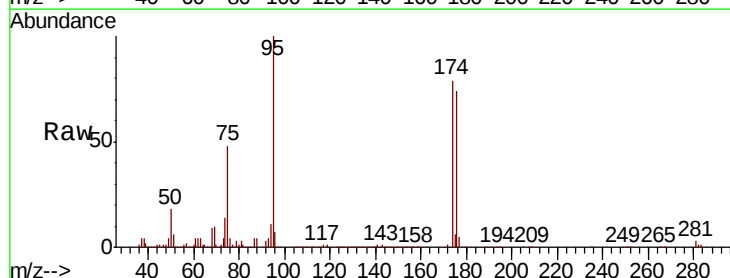
Tgt Ion: 95 Resp: 399715

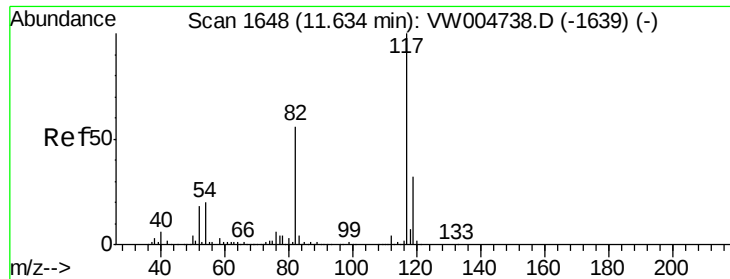
Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

176 79.3 0.0 159.8

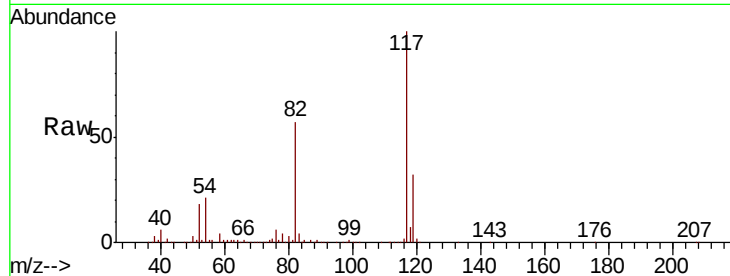




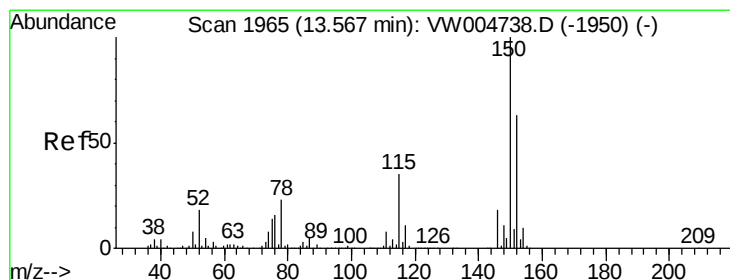
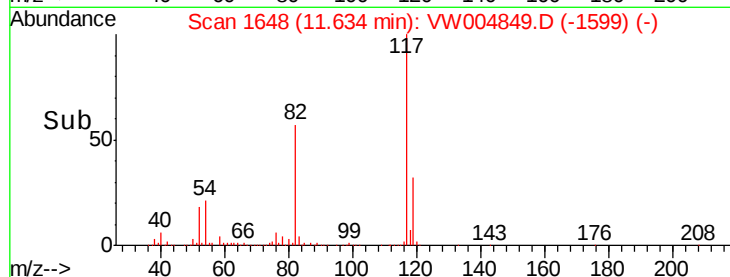
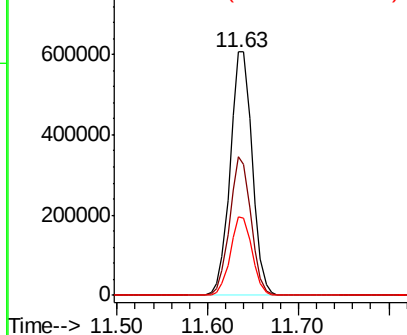
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-02-51-51.5

Tot Ion:117 Resp: 1034701
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 32.3 25.6 38.4

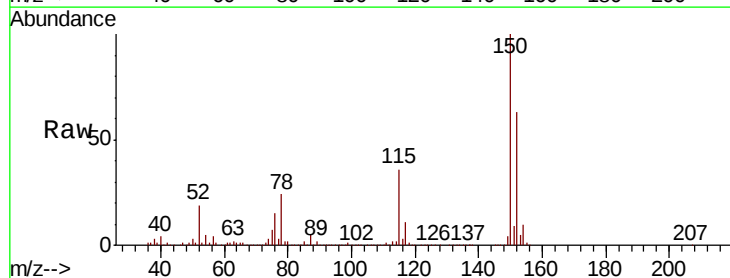


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004849.D
Acq: 21 Aug 2018 18:36

Tgt Ion:152 Resp: 520382
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 157.6 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

