

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004811.D
 Acq On : 21 Aug 2018 01:36
 Operator : SY/AP
 Sample : J4500-01RE
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1RE

Quant Time: Aug 21 07:32:53 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	442541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	768862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	705544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	306224	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	261879	61.21	ug/l	0.00
Spiked Amount						
			Recovery	=	122.42%	
35) Dibromofluoromethane	7.90	113	7495	1.53	ug/l	0.01
Spiked Amount						
			Recovery	=	3.06%	
50) Toluene-d8	10.33	98	949438	49.50	ug/l	0.00
Spiked Amount						
			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.62	95	289853	42.00	ug/l	0.00
Spiked Amount						
			Recovery	=	84.00%	

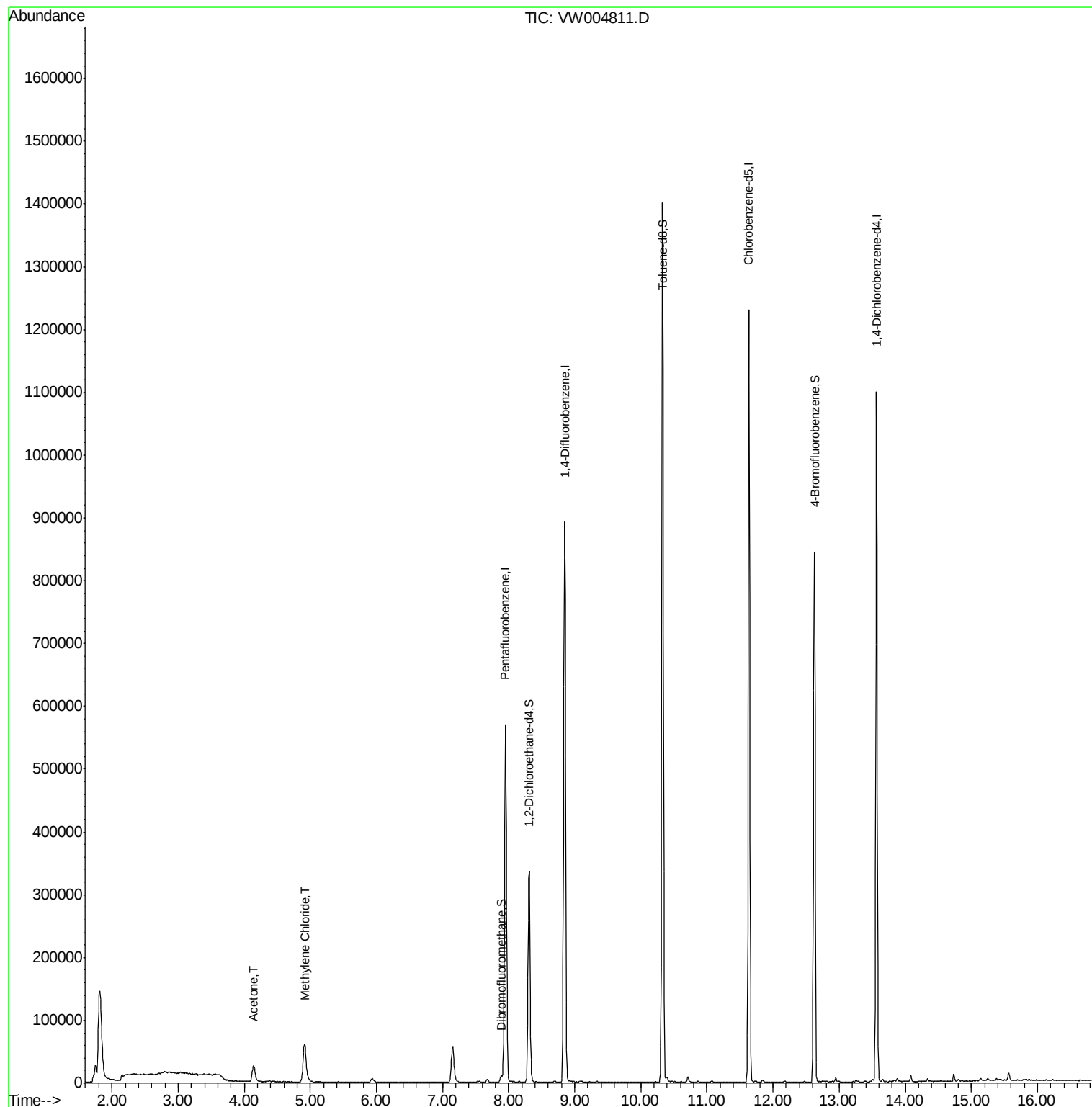
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	49969	45.75	ug/l	99
20) Methylene Chloride	4.91	84	53200	6.95	ug/l	99

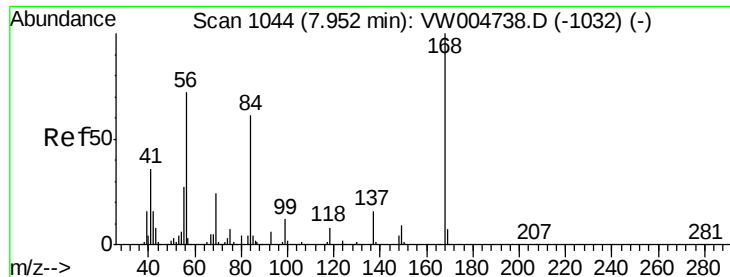
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
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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: VW004811.D

Acq: 21 Aug 2018 01:36

Instrument :

MSVOA_W

ClientSampleId :

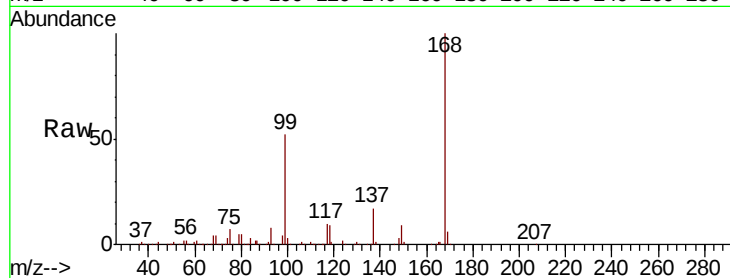
TP-1RE

Tot Ion:168 Resp: 442541

Ion Ratio Lower Upper

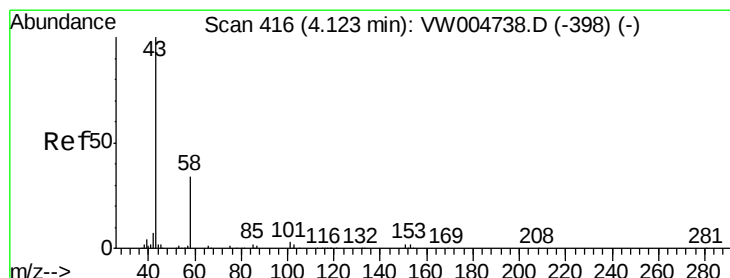
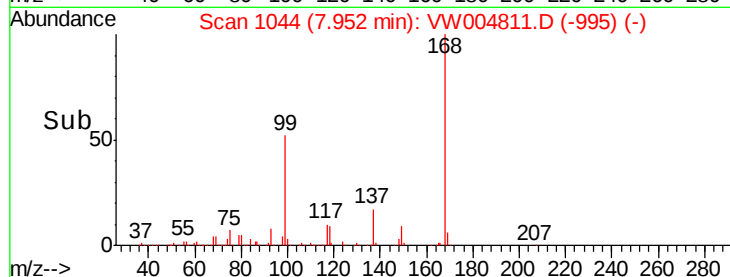
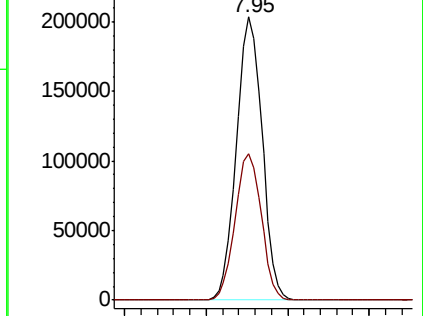
168 100

99 51.9 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: 45.75 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004811.D

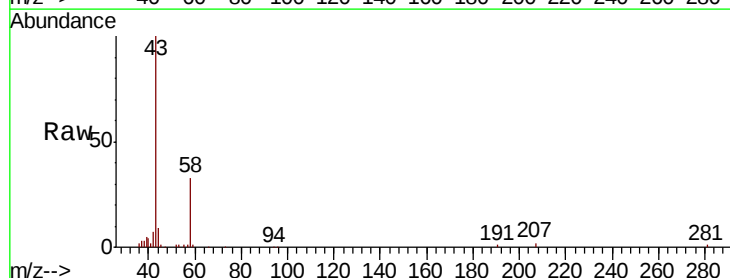
Acq: 21 Aug 2018 01:36

Tgt Ion: 43 Resp: 49969

Ion Ratio Lower Upper

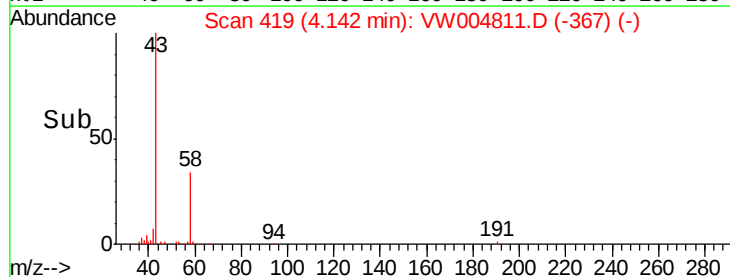
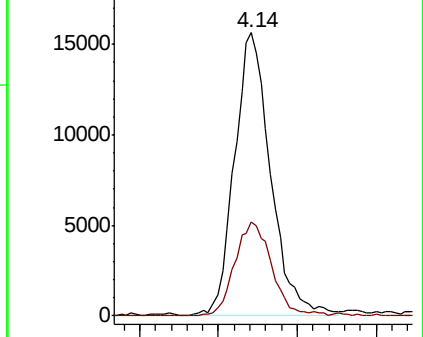
43 100

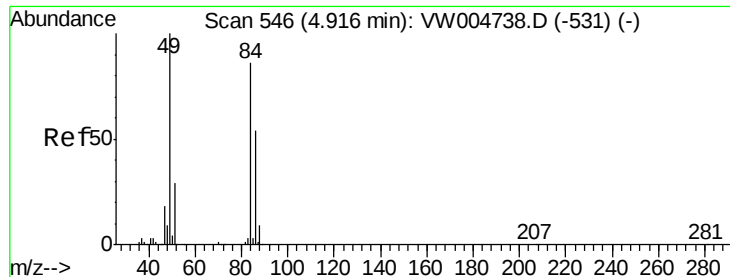
58 33.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

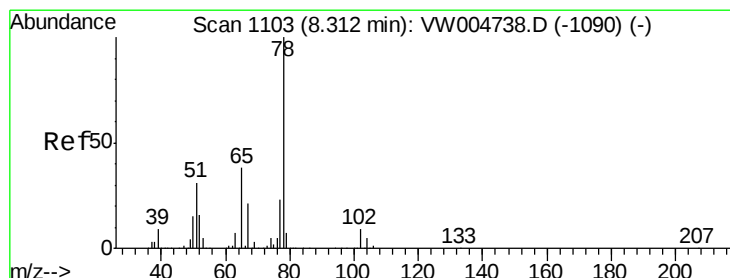
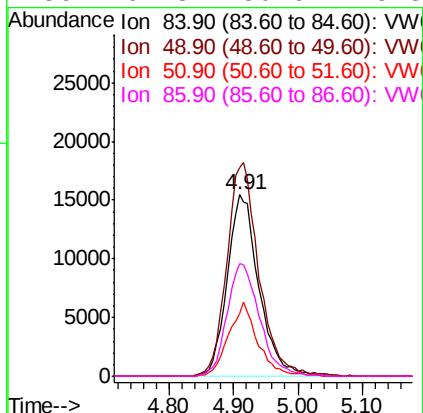
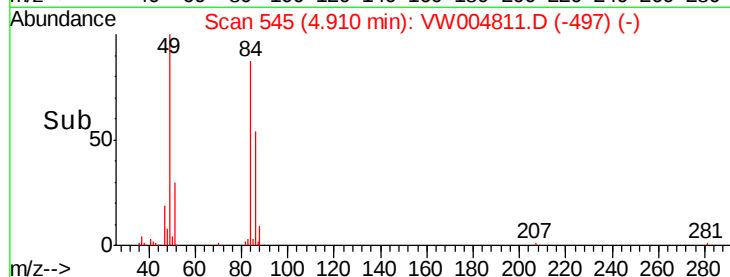
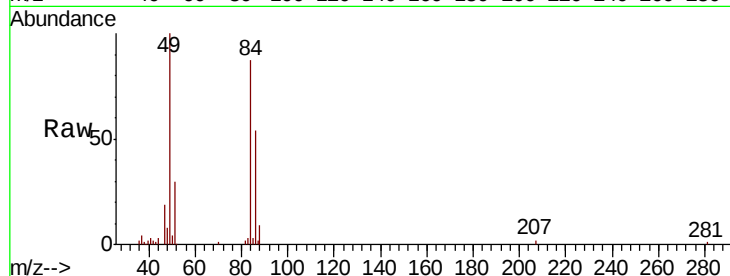




#20
Methvlene Chloride
Concen: 6.95 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004811.D
Acq: 21 Aug 2018 01:36

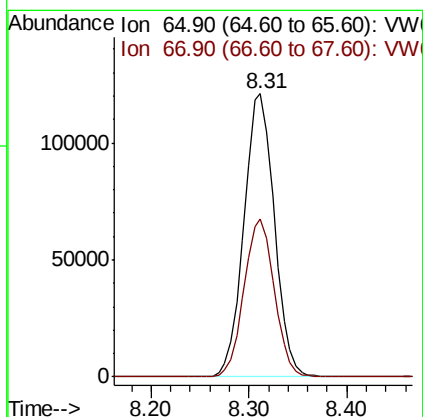
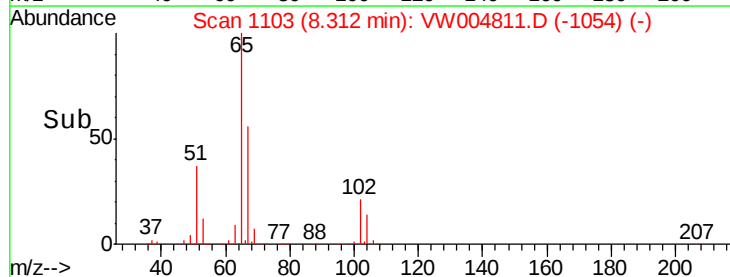
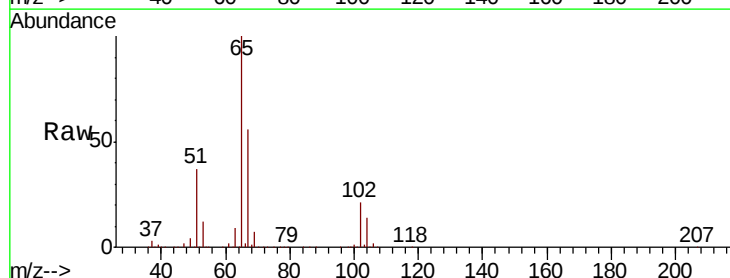
Instrument :
MSVOA_W
ClientSampled :
TP-1RE

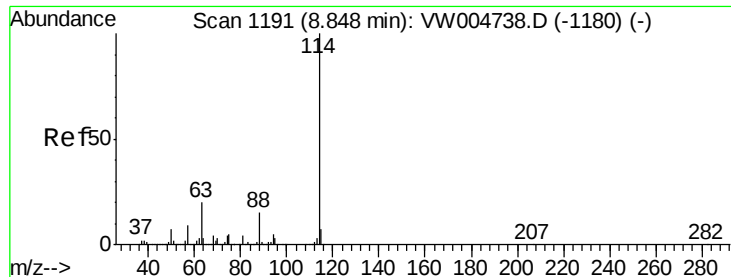
Tot Ion: 84 Resp: 53200
Ion Ratio Lower Upper
84 100
49 115.2 93.2 139.8
51 34.7 27.4 41.0
86 61.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 61.21 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004811.D
Acq: 21 Aug 2018 01:36

Tgt Ion: 65 Resp: 261879
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.4

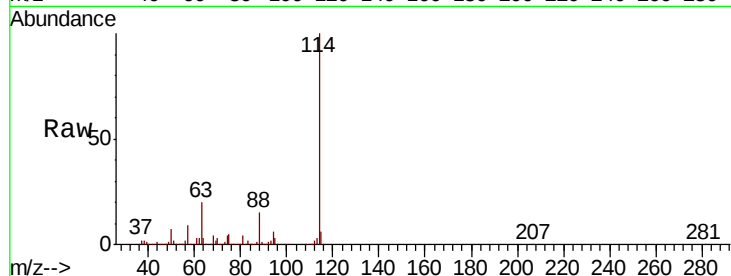




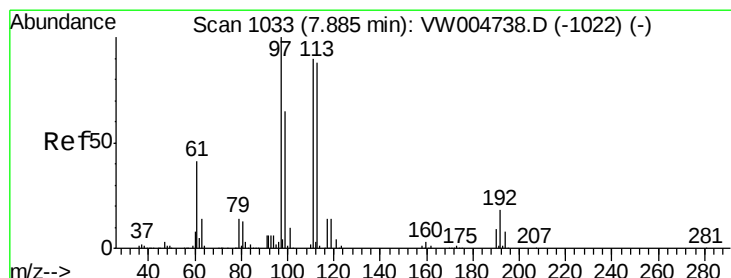
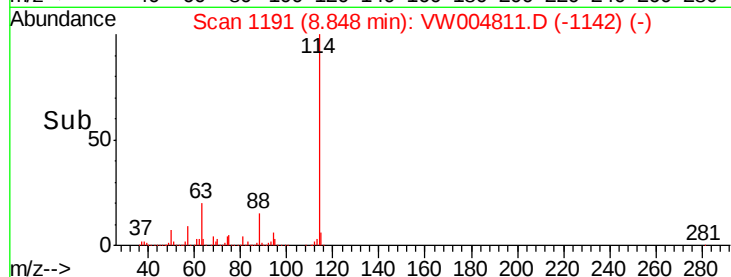
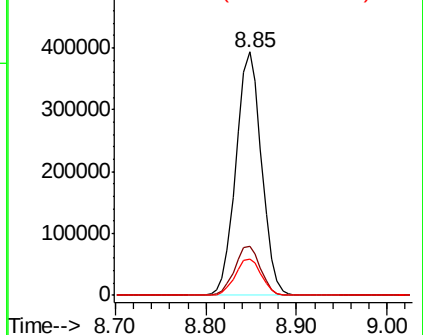
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004811.D
 Acq: 21 Aug 2018 01:36

Instrument :
 MSVOA_W
 ClientSampled :
 TP-1RE

Tot Ion:114 Resp: 768862
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 14.6 0.0 30.0

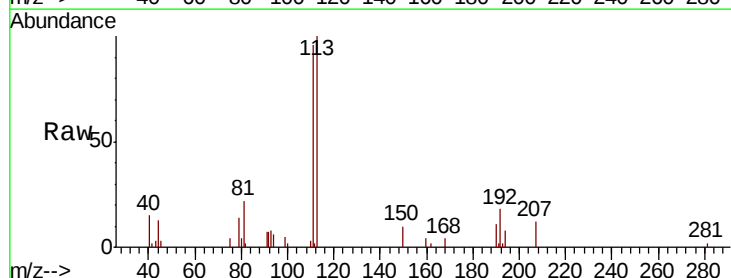


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

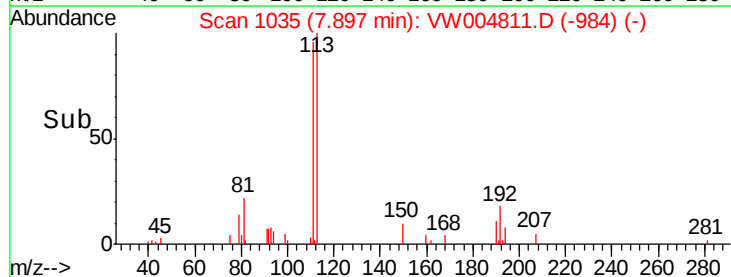
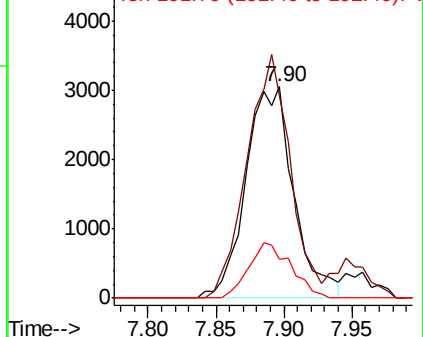


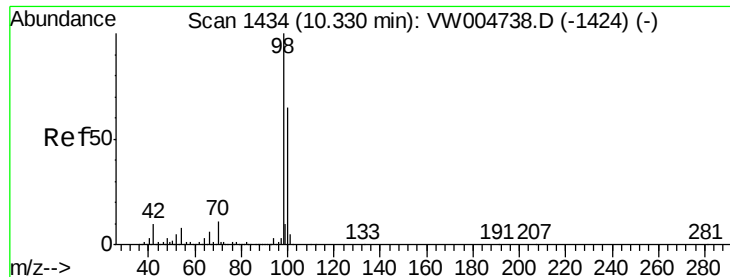
#35
 Dibromofluoromethane
 Concen: 1.53 ug/l
 RT: 7.90 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VW004811.D
 Acq: 21 Aug 2018 01:36

Tgt Ion:113 Resp: 7495
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.4 123.6
 192 23.2 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: 49.50 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004811.D

Acq: 21 Aug 2018 01:36

Instrument :

MSVOA_W

ClientSampleId :

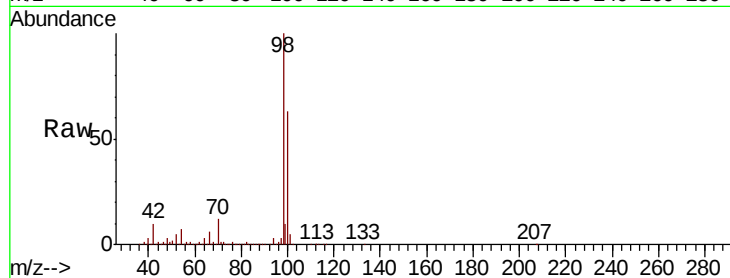
TP-1RE

Tot Ion: 98 Resp: 949438

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

600000

500000

400000

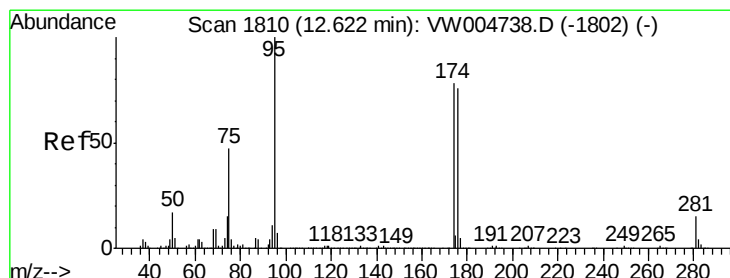
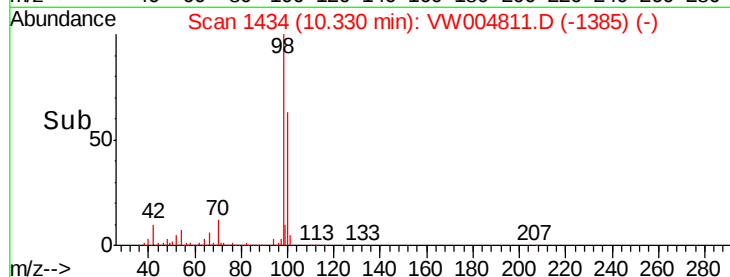
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 42.00 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004811.D

Acq: 21 Aug 2018 01:36

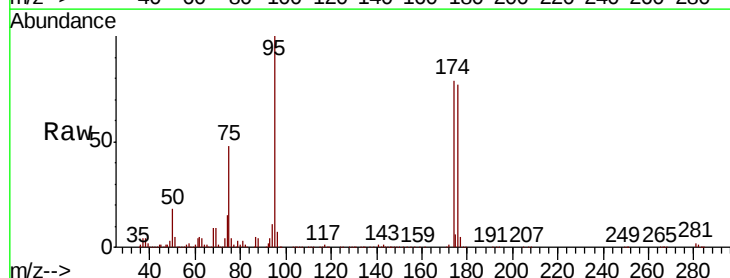
Tgt Ion: 95 Resp: 289853

Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 80.9 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

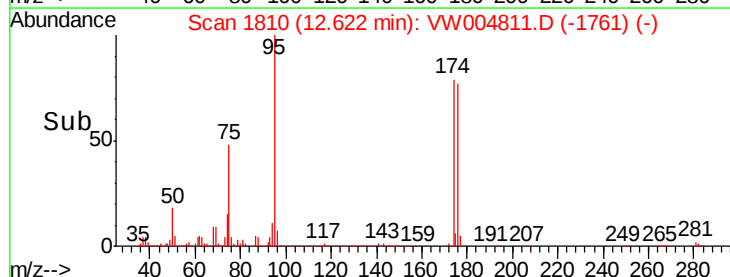
150000

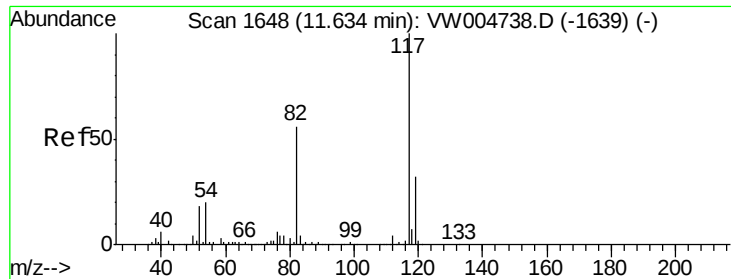
100000

50000

0

Time--> 12.60 12.70

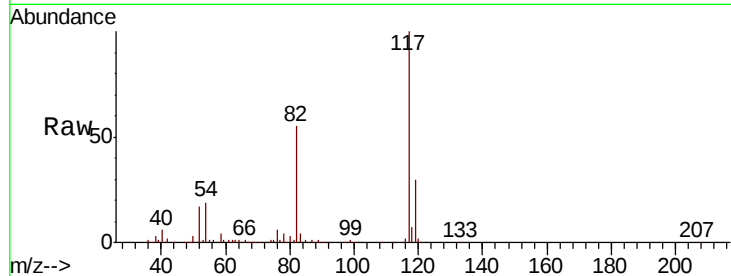




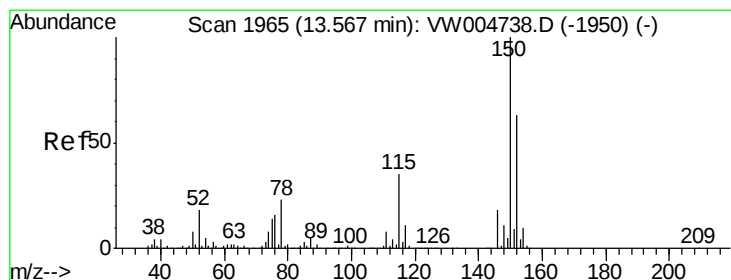
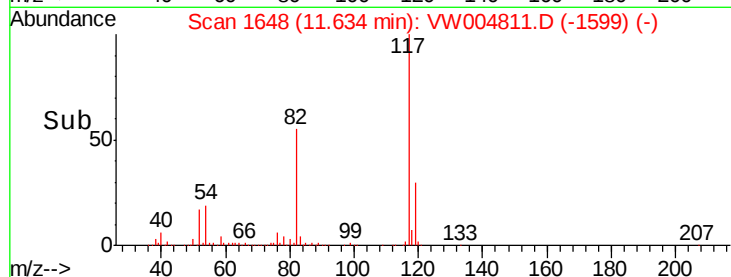
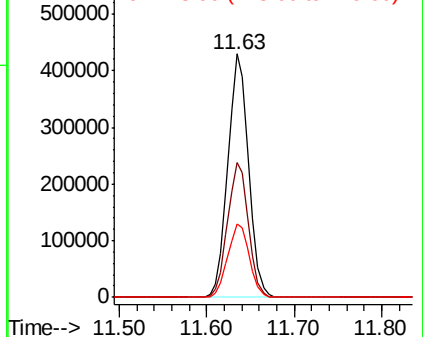
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004811.D
Acq: 21 Aug 2018 01:36

Instrument :
MSVOA_W
ClientSampled :
TP-1RE

Tot Ion:117 Resp: 705544
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 30.0 25.6 38.4

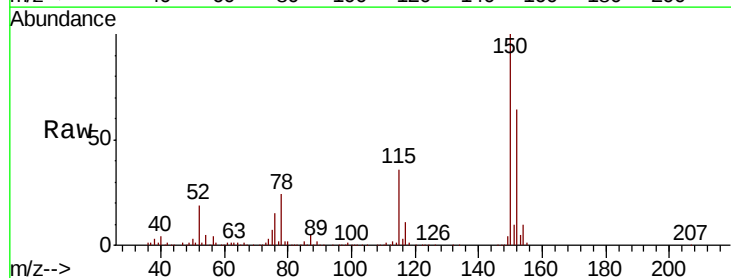


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004811.D
Acq: 21 Aug 2018 01:36

Tgt Ion:152 Resp: 306224
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 155.4 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

