

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004881.D
 Acq On : 22 Aug 2018 10:28
 Operator : SY/AP
 Sample : J4283-05
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-082118

Quant Time: Aug 22 11:12:46 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	507968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	870425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	722519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	277589	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	271042	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
35) Dibromofluoromethane	7.89	113	266757	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
50) Toluene-d8	10.33	98	812159	37.40	ug/l	0.00
Spiked Amount			Recovery	=	74.80%	
62) 4-Bromofluorobenzene	12.62	95	251755	32.22	ug/l	0.00
Spiked Amount			Recovery	=	64.44%	

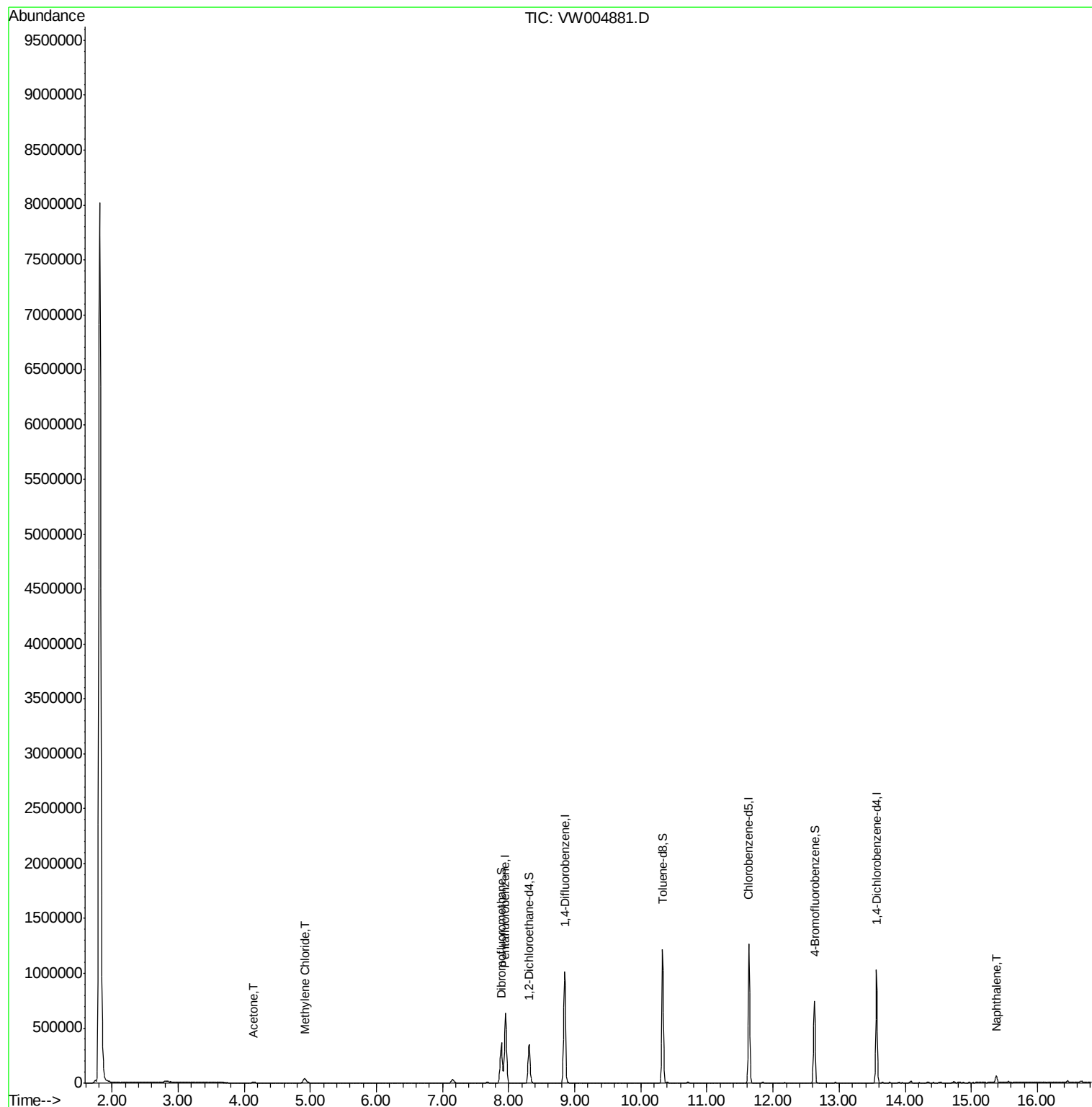
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	14754	11.77	ug/l	99
20) Methylene Chloride	4.91	84	35128	1.99	ug/l	92
95) Naphthalene	15.38	128	54224	7.91	ug/l	98

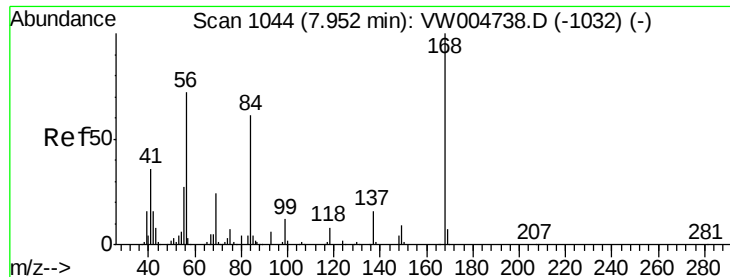
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004881.D

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Instrument :

MSVOA_W

ClientSampleId :

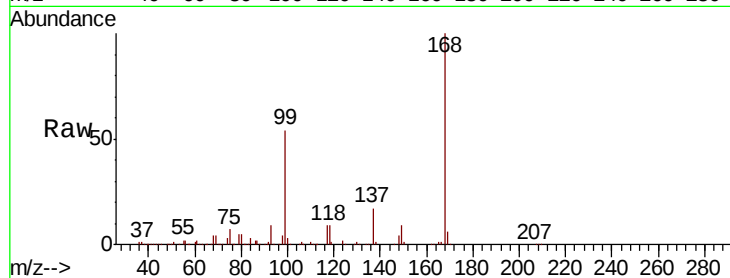
TR-04-082118

Tot Ion:168 Resp: 507968

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

7.95

250000

200000

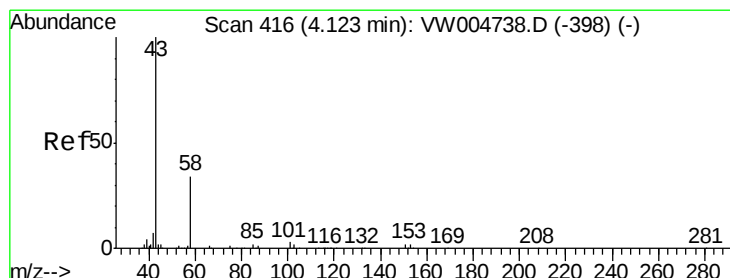
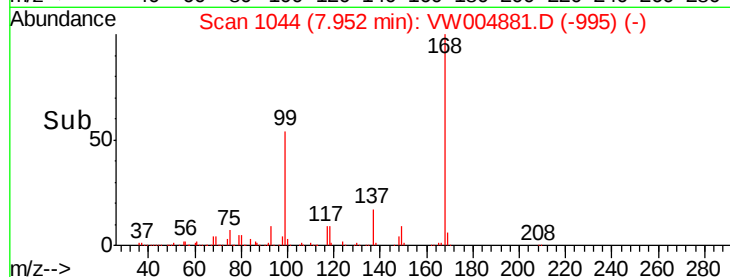
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.77 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004881.D

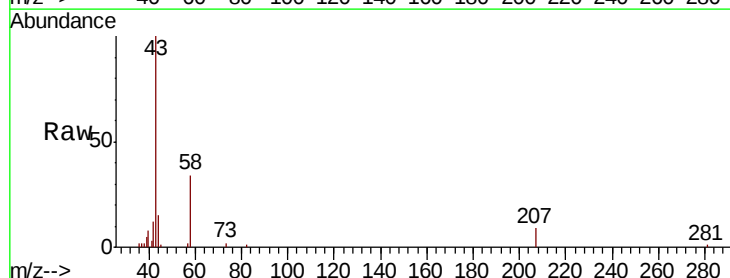
Acq: 22 Aug 2018 10:28

Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

43 100

58 33.7 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

5000

4000

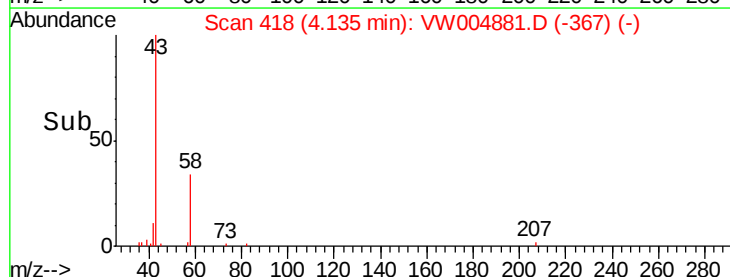
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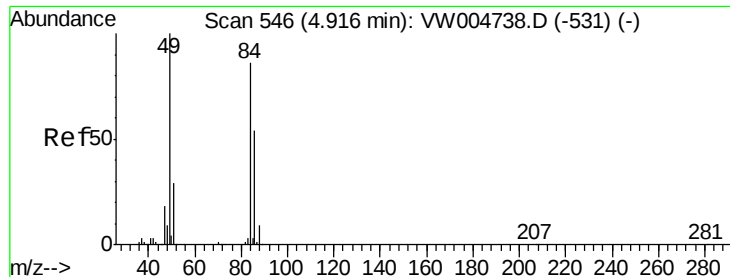
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1000

0

Time-->

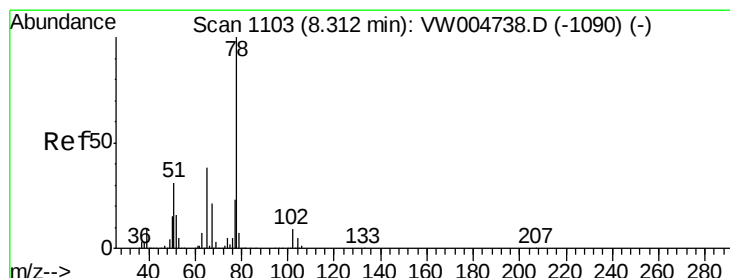
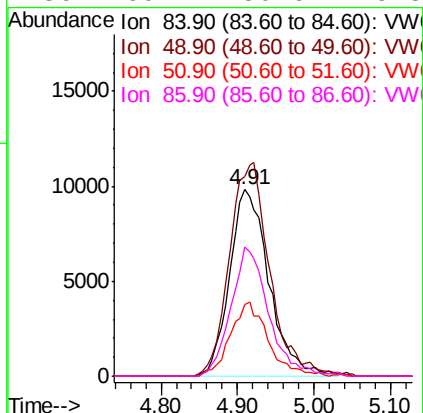
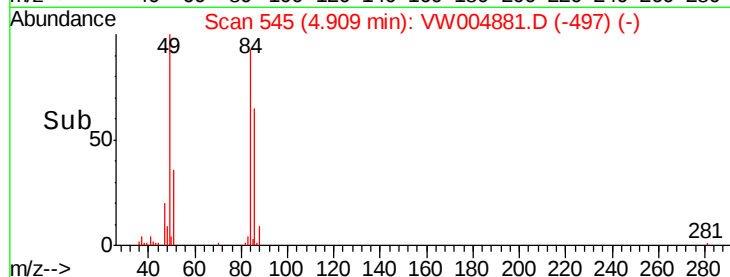
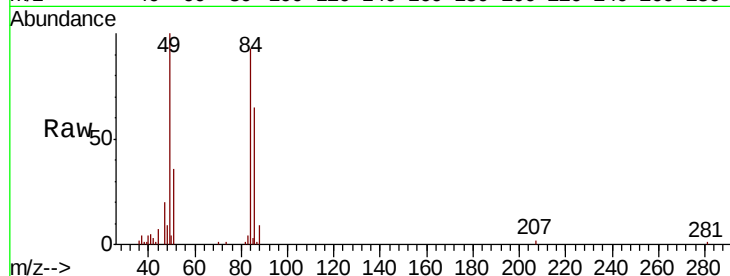




#20
Methylene Chloride
Concen: 1.99 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

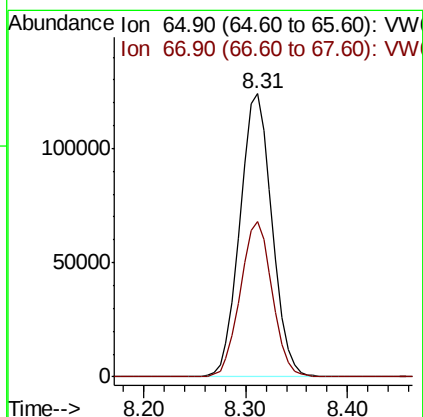
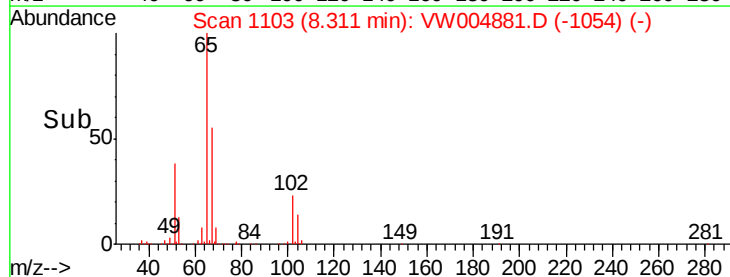
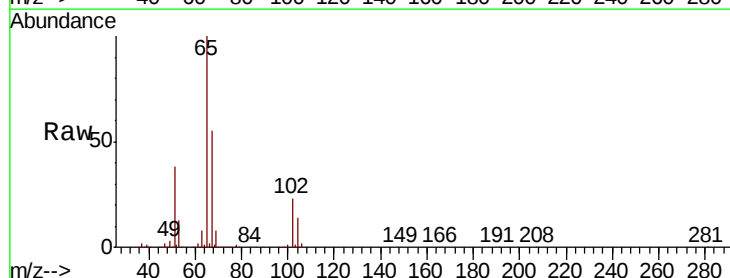
Instrument :
MSVOA_W
ClientSampleId :
TR-04-082118

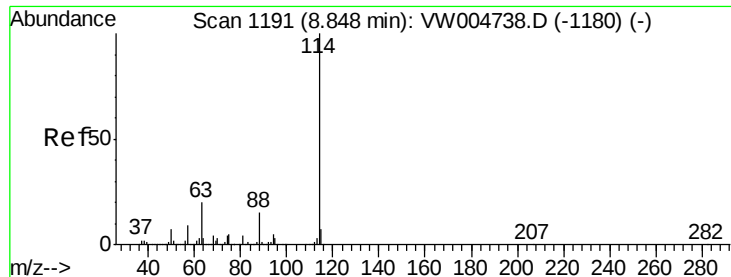
Tot Ion:	84	Resp:	35128
Ion	Ratio	Lower	Upper
84	100		
49	107.2	93.2	139.8
51	38.4	27.4	41.0
86	69.2	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 55.19 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Tgt Ion:	65	Resp:	271042
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

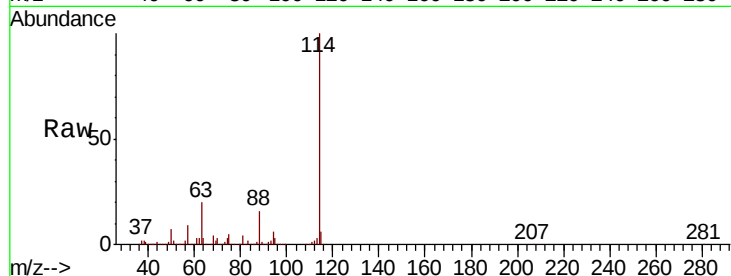




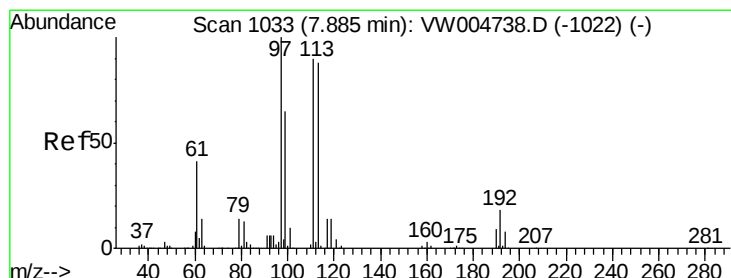
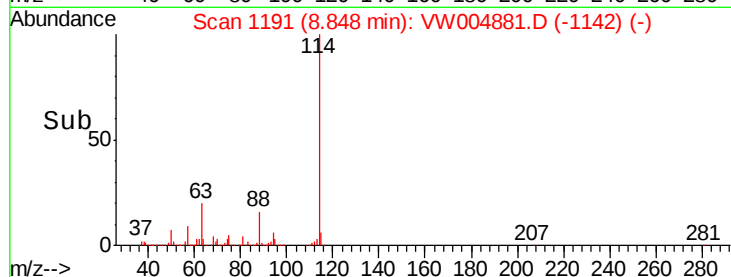
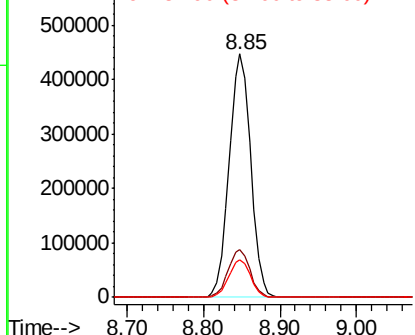
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004881.D
 Acq: 22 Aug 2018 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-082118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.6	0.0	30.0

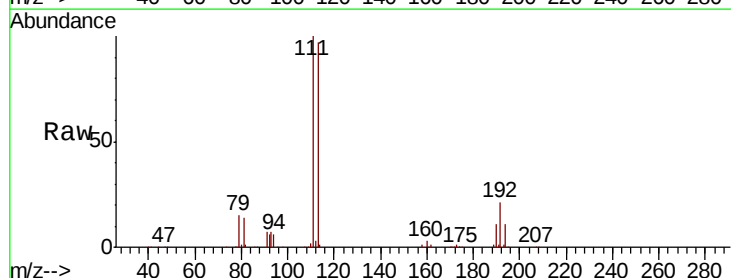


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

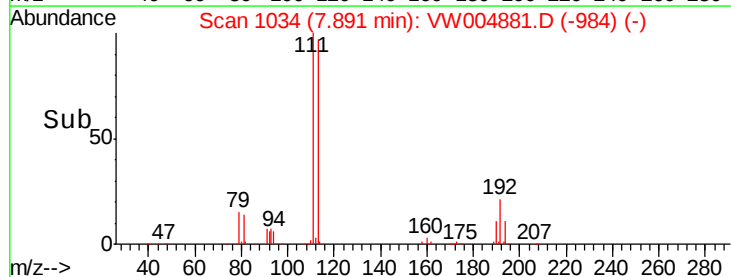
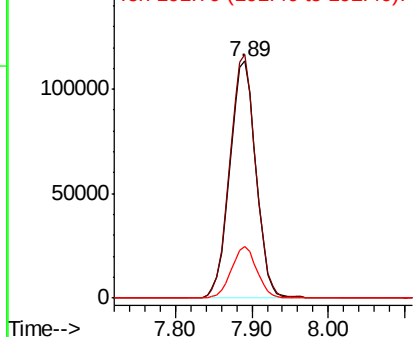


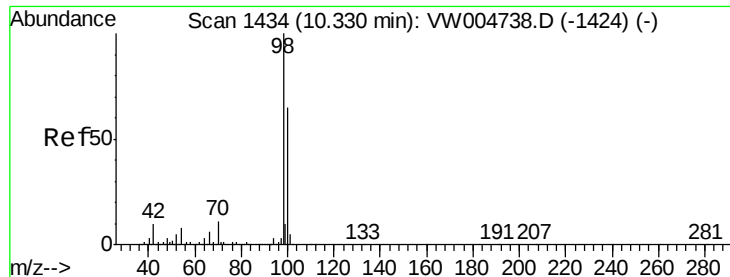
#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004881.D
 Acq: 22 Aug 2018 10:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.2	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: 37.40 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

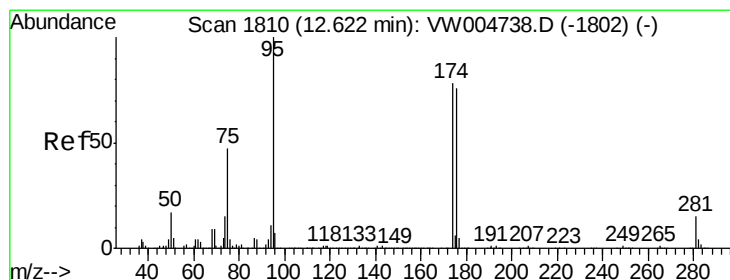
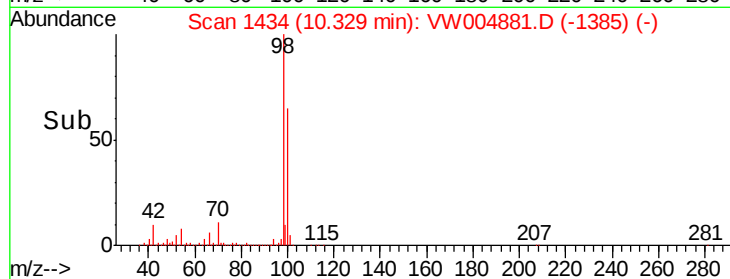
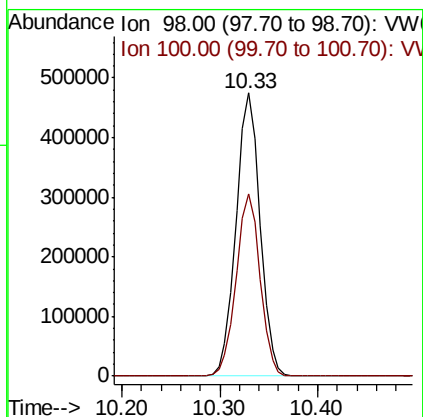
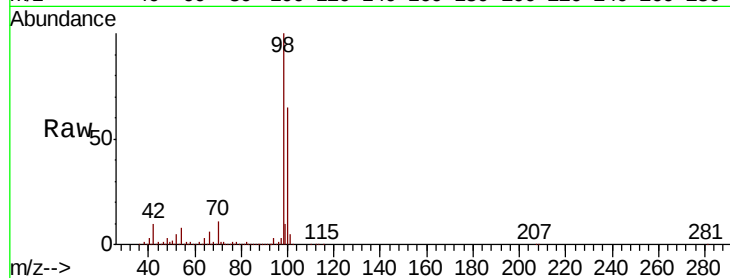
TR-04-082118

Tot Ion: 98 Resp: 812159

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 32.22 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

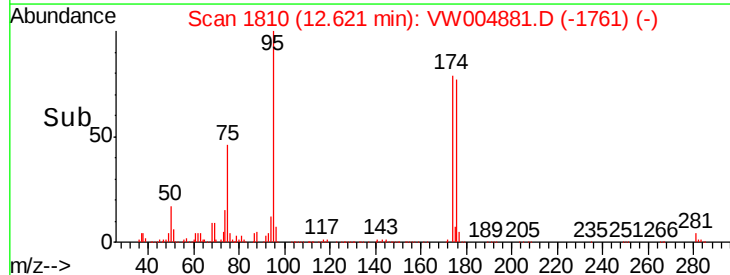
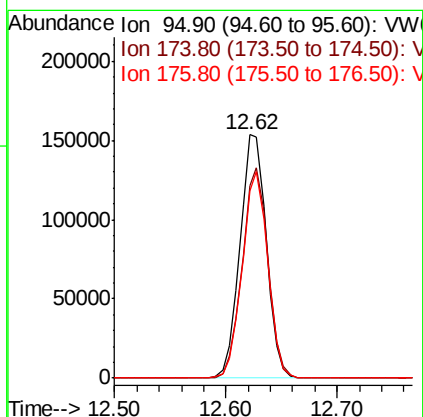
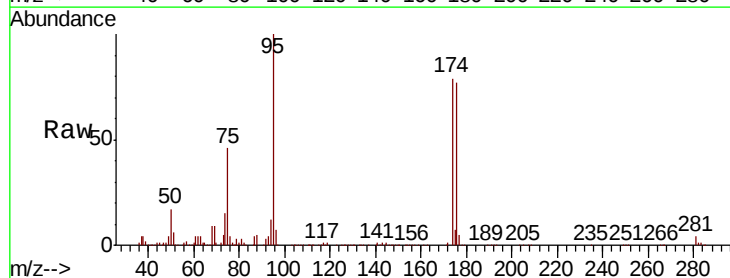
Tgt Ion: 95 Resp: 251755

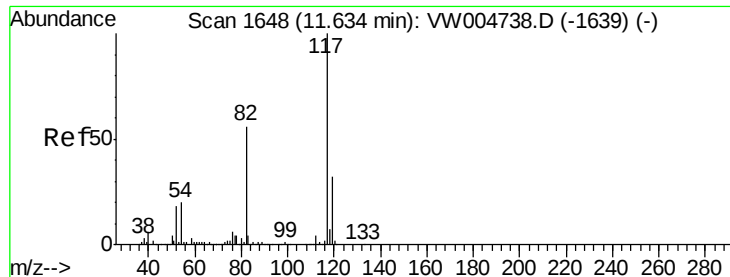
Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 82.3 0.0 159.8

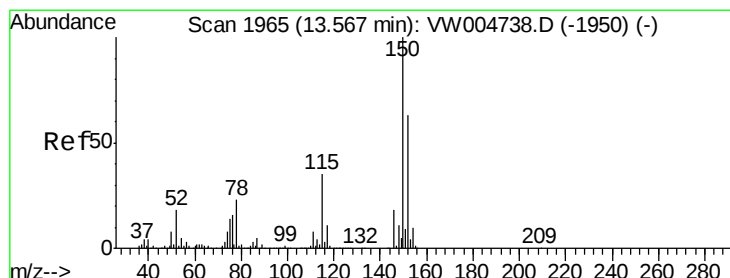
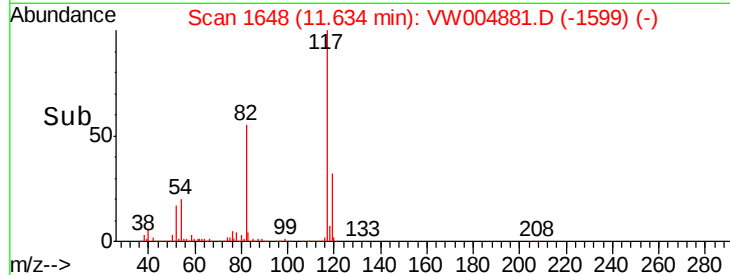
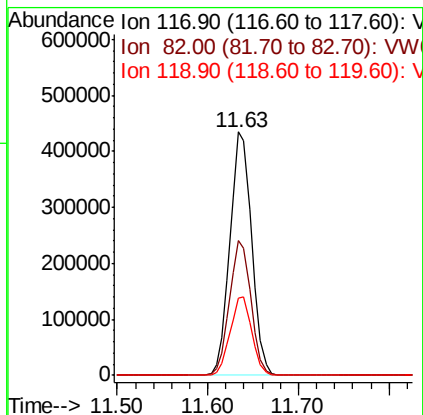
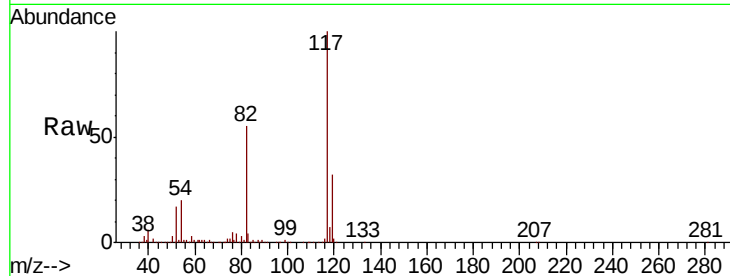




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

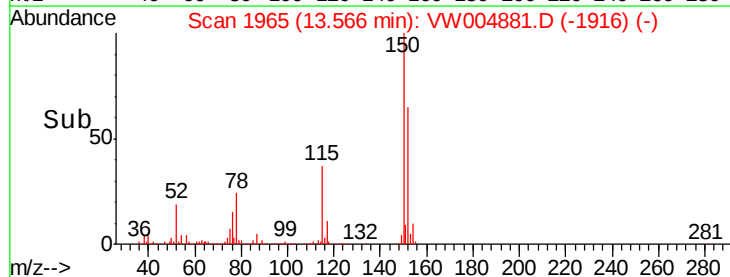
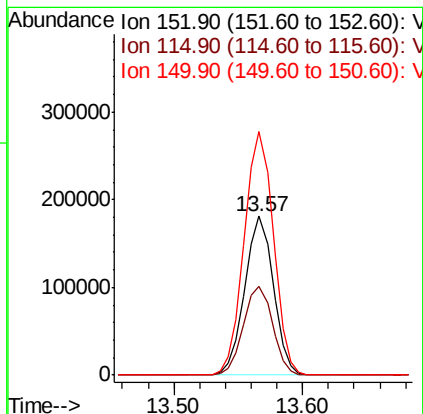
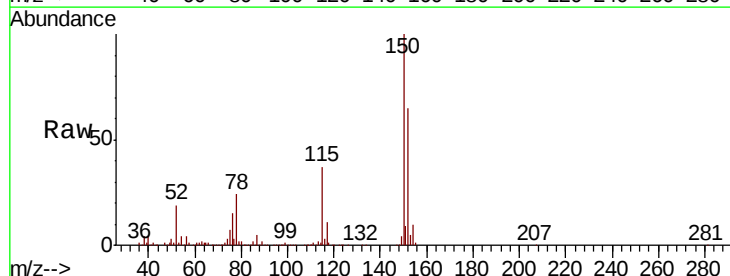
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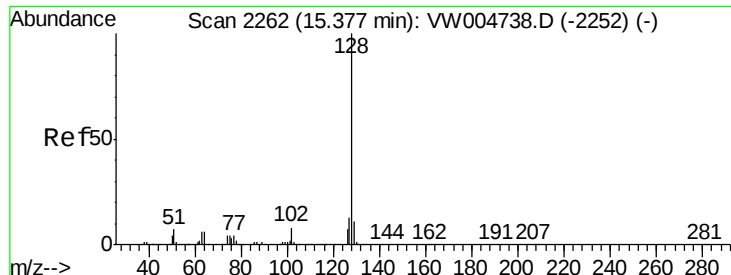
Tot Ion:117 Resp: 722519
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004881.D
Acq: 22 Aug 2018 10:28

Tgt Ion:152 Resp: 277589
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 157.3 0.0 344.8





#95

Naphthalene

Concen: 7.91 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004881.D

Acq: 22 Aug 2018 10:28

Instrument :

MSVOA_W

ClientSampleId :

TR-04-082118

Tot Ion:128 Resp: 54224

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 12.1 8.6 13.0

