

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004636.D
 Acq On : 11 Aug 2018 09:43
 Operator : SY/AP
 Sample : J4272-13RE
 Misc : 6.20G/5ML/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-GRE

Quant Time: Aug 13 00:51:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1047642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	826170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	293970	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	364415	53.43	ug/l	0.00
Spiked Amount			Recovery	=	106.86%	
35) Dibromofluoromethane	7.88	113	334560	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	10.33	98	951549	35.73	ug/l	0.00
Spiked Amount			Recovery	=	71.46%	
62) 4-Bromofluorobenzene	12.63	95	285660	29.78	ug/l	0.00
Spiked Amount			Recovery	=	59.56%	

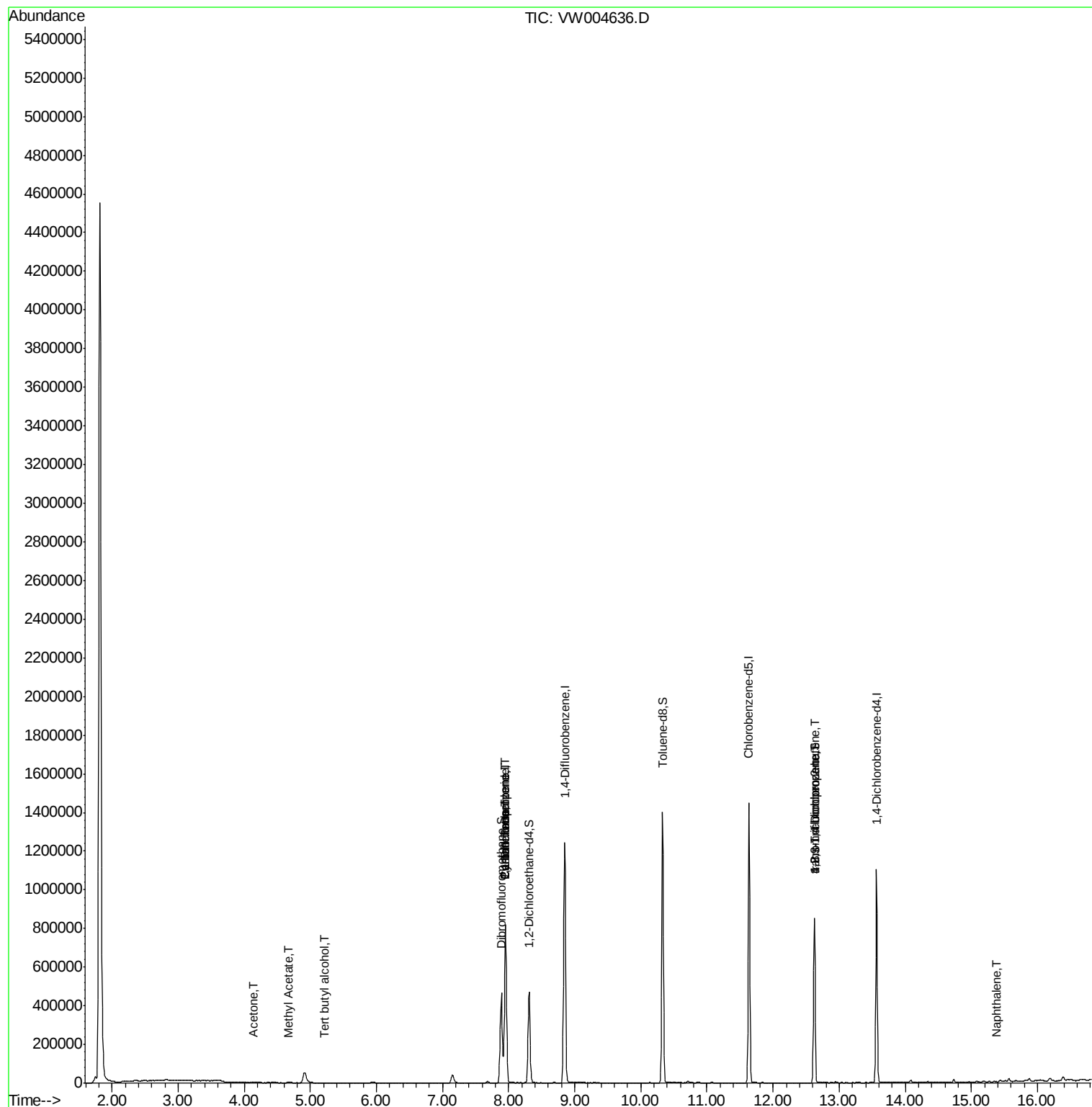
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	518	1.297	ug/l #	70
16) Acetone	4.14	43	6917	4.061	ug/l	97
18) Methyl Acetate	4.67	43	4687	1.103	ug/l	93
20) Methylene Chloride	4.92	84	48290	Below Cal		99
31) Cyclohexane	7.95	56	12902	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	47556	4.216	ug/l #	49
38) Carbon Tetrachloride	7.95	117	59157	5.828	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	135234	44.456	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	135234	106.423	ug/l #	12
95) Naphthalene	15.38	128	963	2.984	ug/l #	90

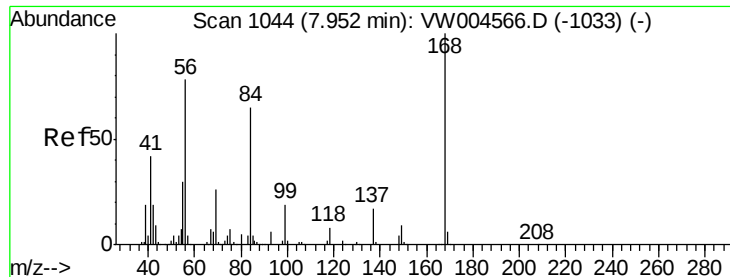
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

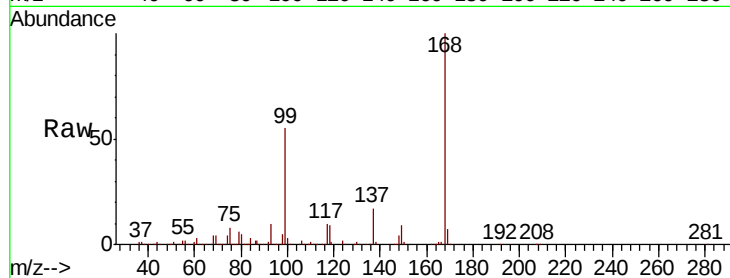
JC-03-080918-GRE

Tgt Ion:168 Resp: 616172

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

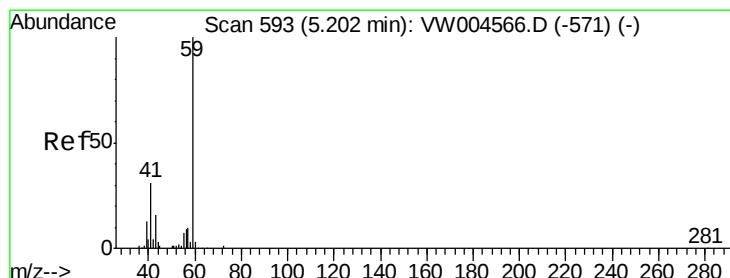
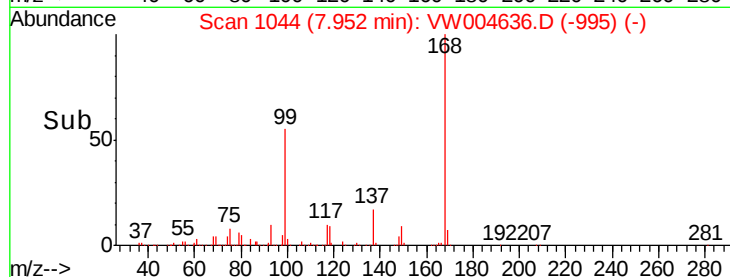
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.297 ug/l

RT: 5.21 min Scan# 594

Delta R.T. -0.01 min

Lab File: VW004636.D

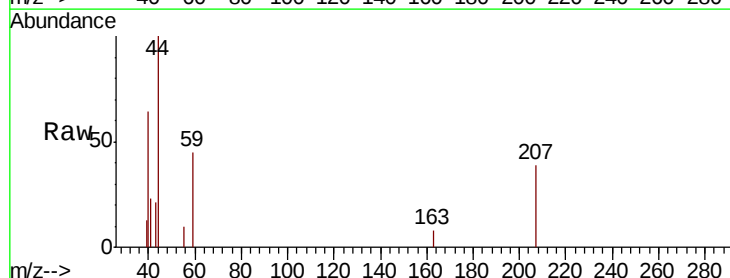
Acq: 11 Aug 2018 09:43

Tgt Ion: 59 Resp: 518

Ion Ratio Lower Upper

59 100

57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

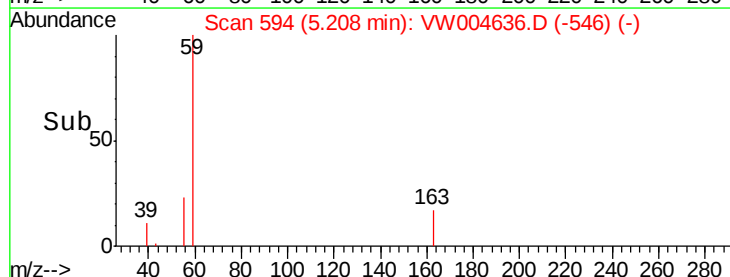
300

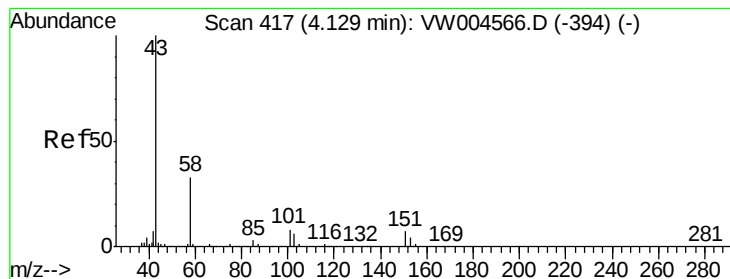
200

100

0

Time--> 5.20 5.25





#16

Acetone

Concen: 4.061 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

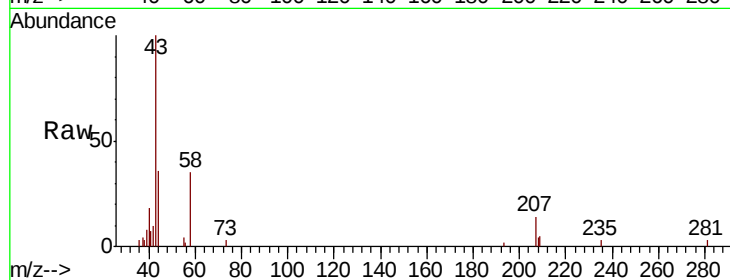
JC-03-080918-GRE

Tgt Ion: 43 Resp: 6917

Ion Ratio Lower Upper

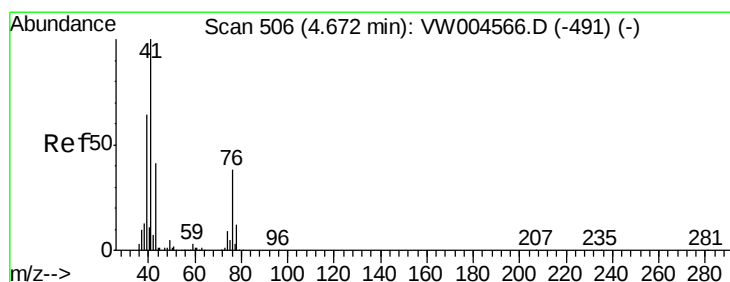
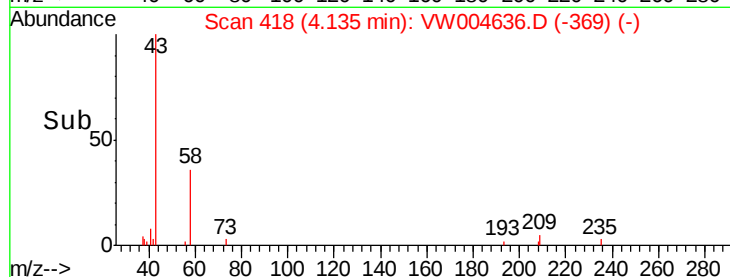
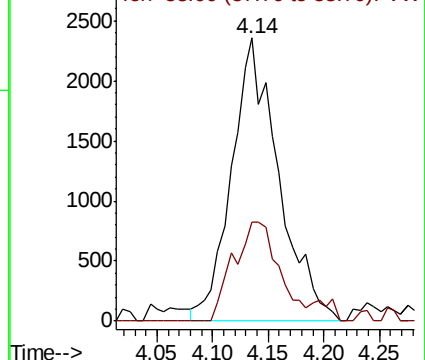
43 100

58 35.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.103 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW004636.D

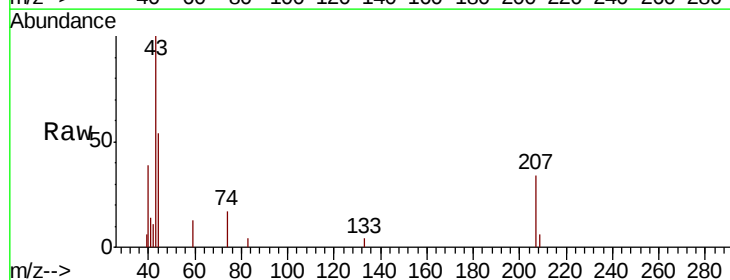
Acq: 11 Aug 2018 09:43

Tgt Ion: 43 Resp: 4687

Ion Ratio Lower Upper

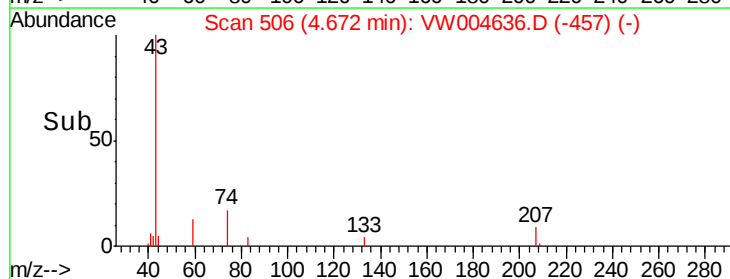
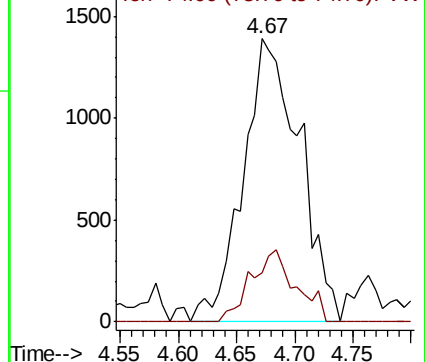
43 100

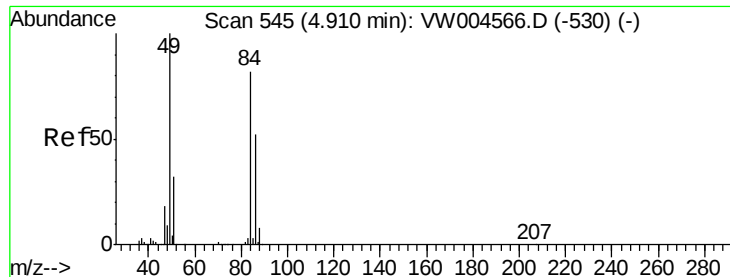
74 20.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

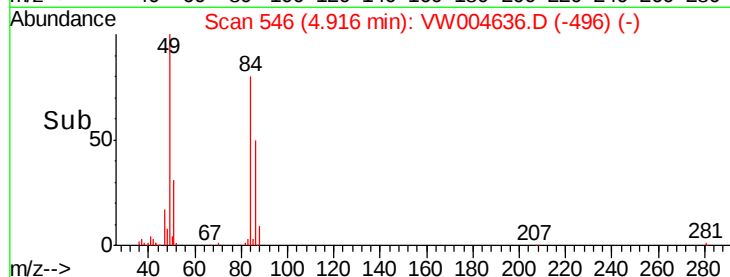
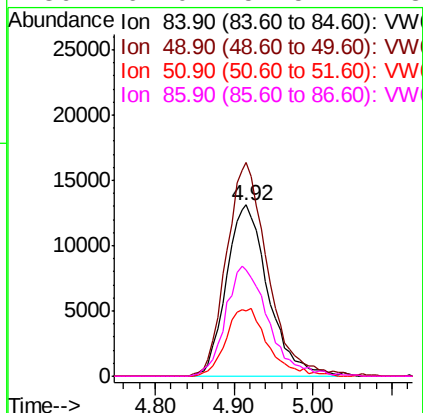
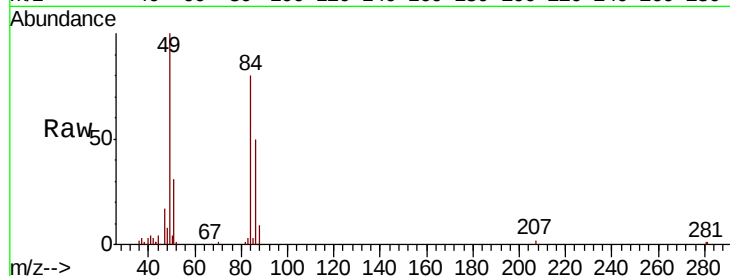




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

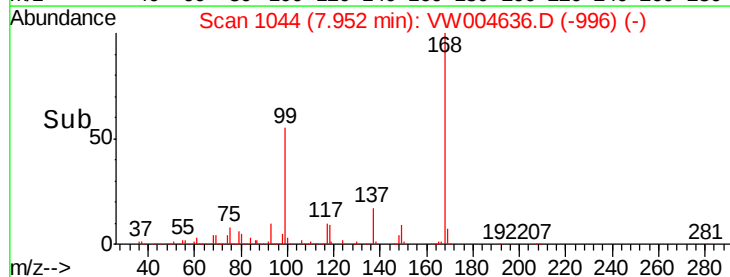
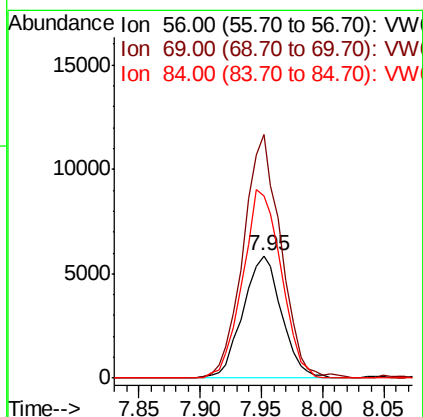
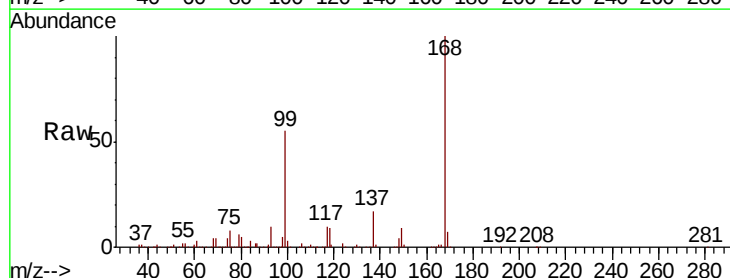
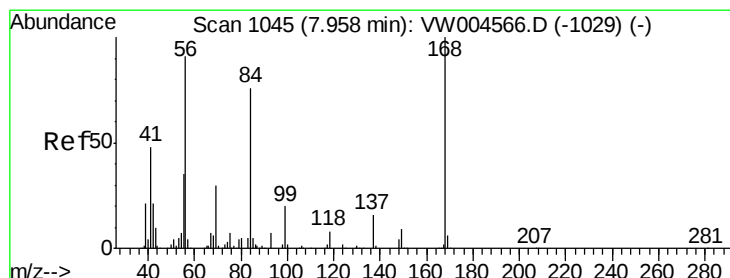
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JC-03-080918-GRE

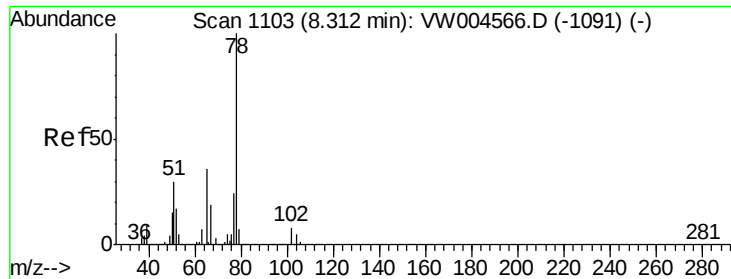
Tgt Ion:	84	Resp:	48290
Ion	Ratio	Lower	Upper
84	100		
49	124.6	99.6	149.4
51	38.2	31.0	46.4
86	62.0	51.5	77.3



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Tgt Ion:	56	Resp:	12902
Ion	Ratio	Lower	Upper
56	100		
69	198.7	26.4	39.6#
84	149.1	66.9	100.3#

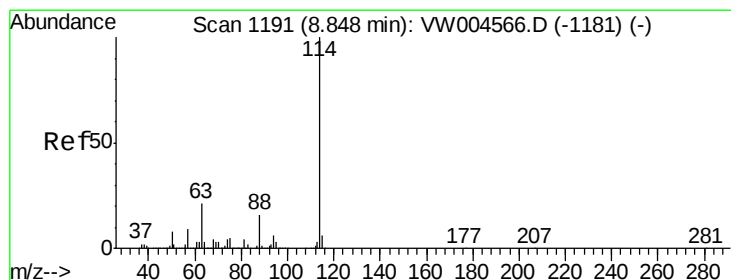
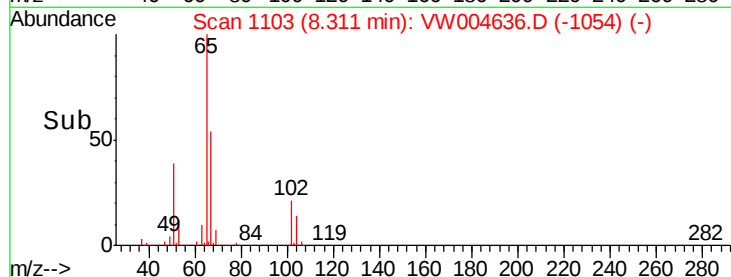
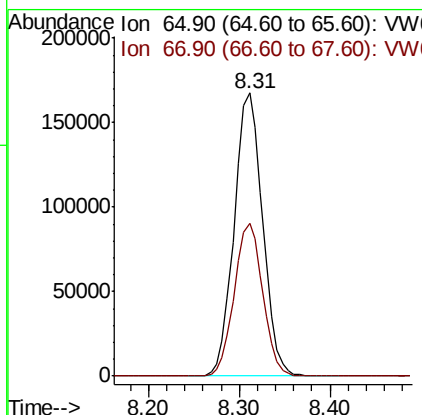
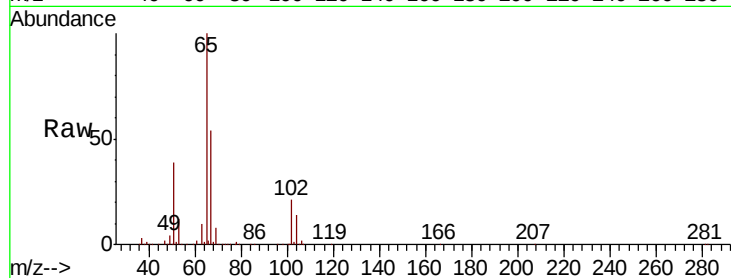




#33
 1,2-Dichloroethane-d4
 Concen: 53.427 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

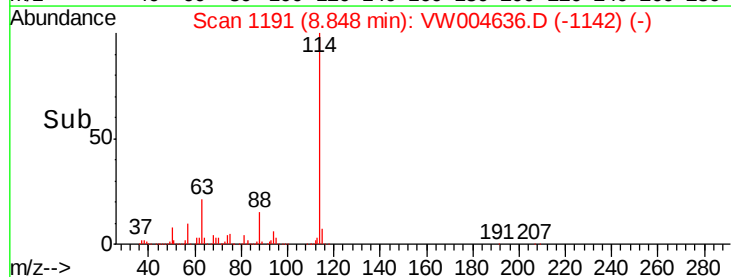
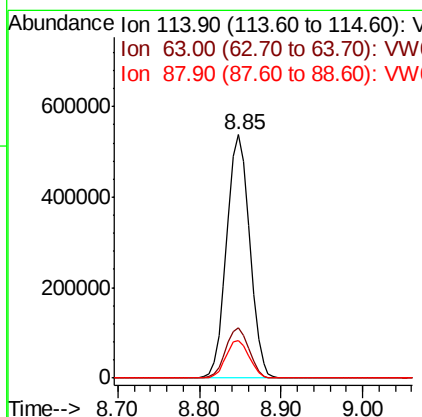
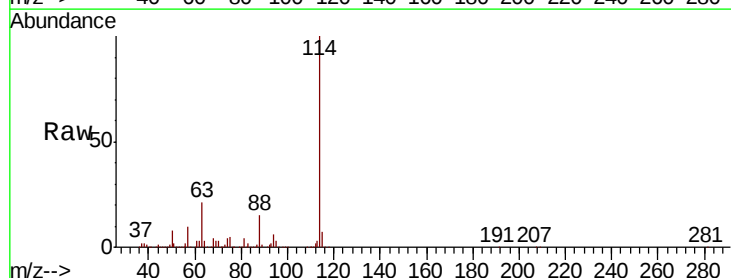
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-GRE

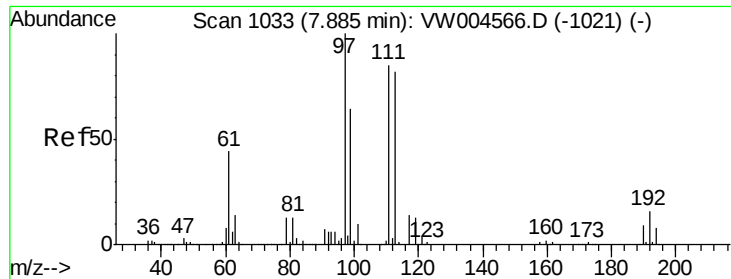
Tgt Ion: 65 Resp: 364415
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

Tgt Ion: 114 Resp: 1047642
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.4 0.0 31.2

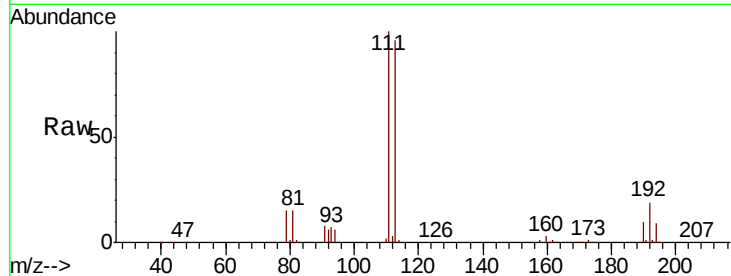




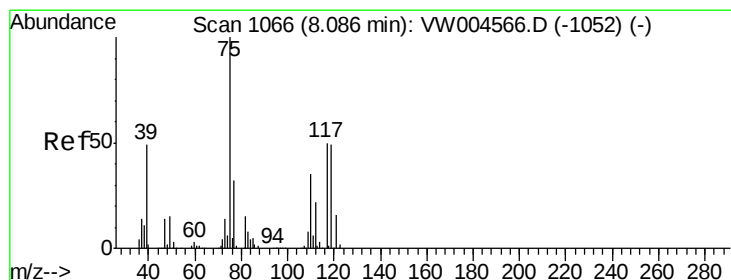
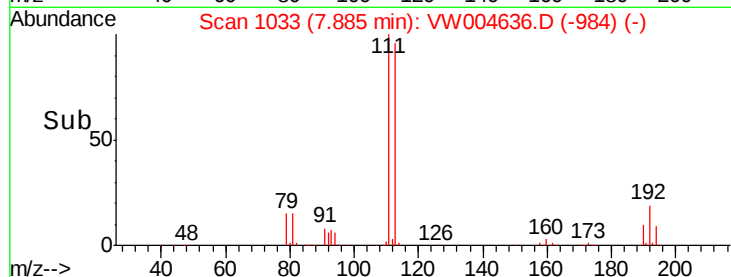
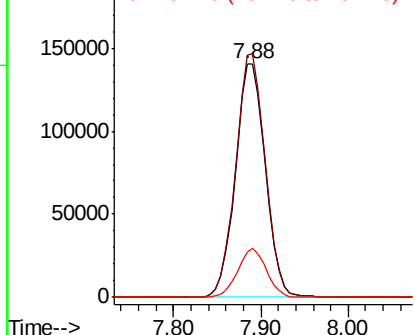
#35
 Dibromofluoromethane
 Concen: 47.895 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-GRE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.3	15.8	23.6

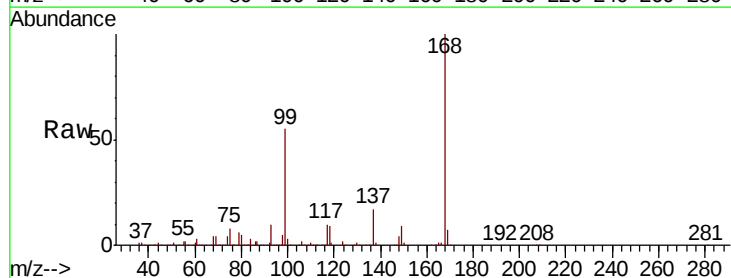


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

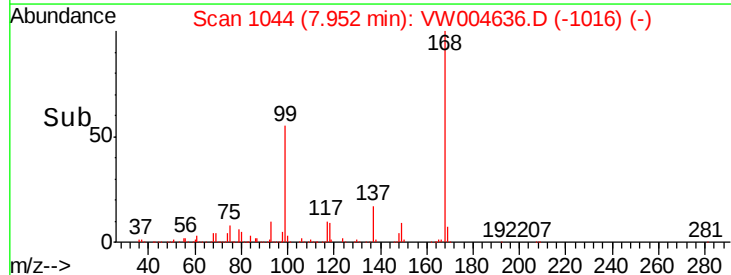
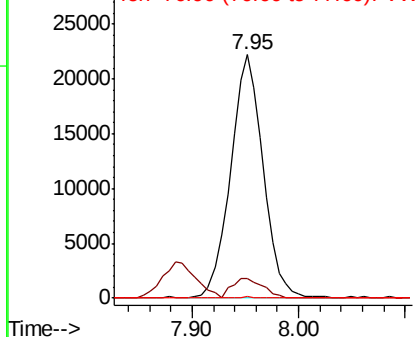


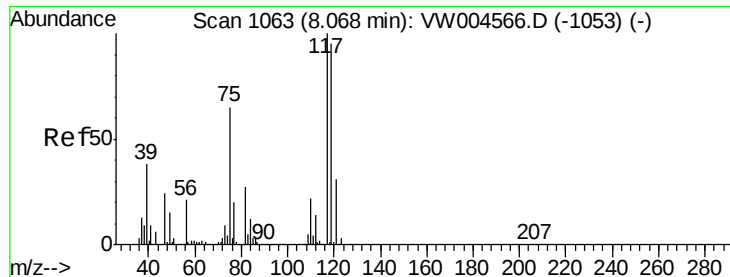
#36
 1,1-Dichloropropene
 Concen: 4.216 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004636.D
 Acq: 11 Aug 2018 09:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.4	52.2#
77	0.2	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.828 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-GRE

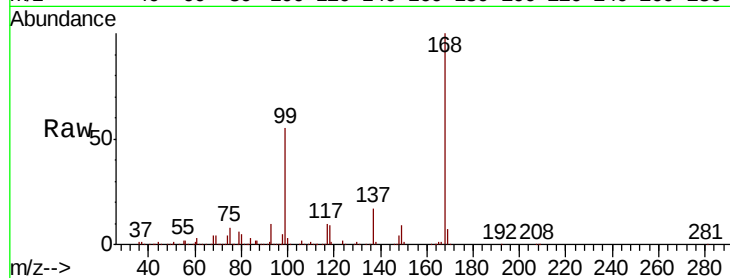
Tgt Ion:117 Resp: 59157

Ion Ratio Lower Upper

117 100

119 6.6 76.1 114.1#

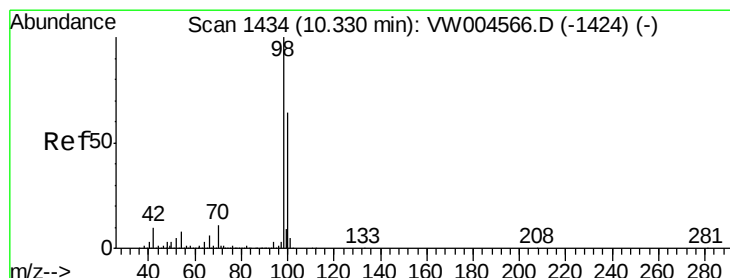
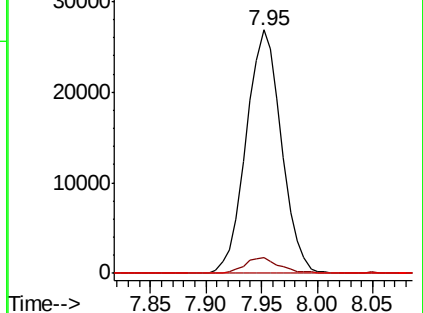
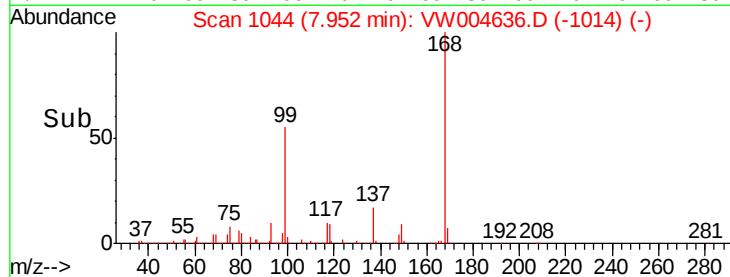
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 35.731 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004636.D

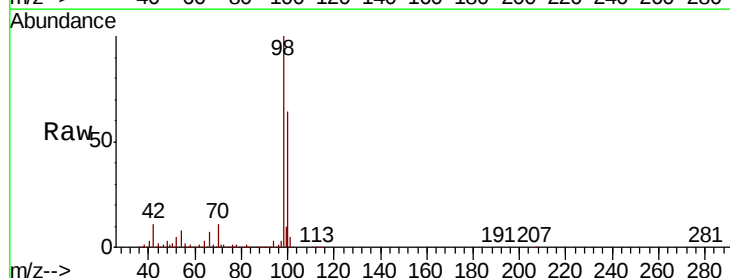
Acq: 11 Aug 2018 09:43

Tgt Ion: 98 Resp: 951549

Ion Ratio Lower Upper

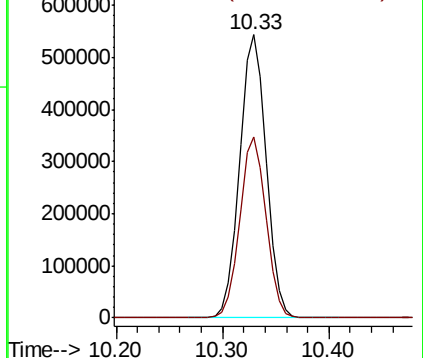
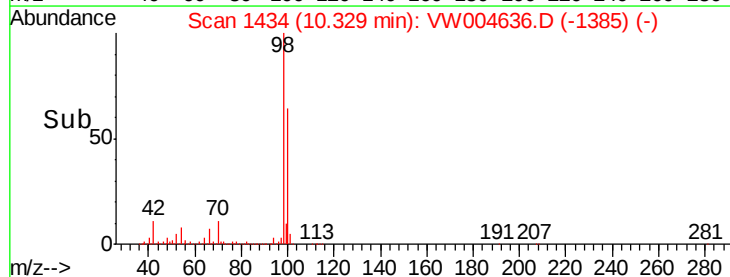
98 100

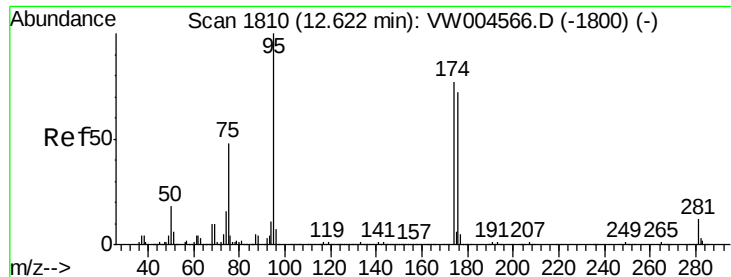
100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

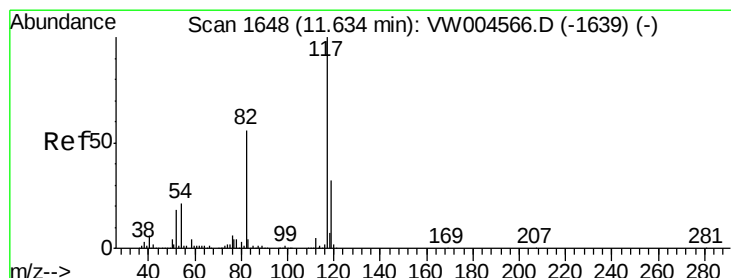
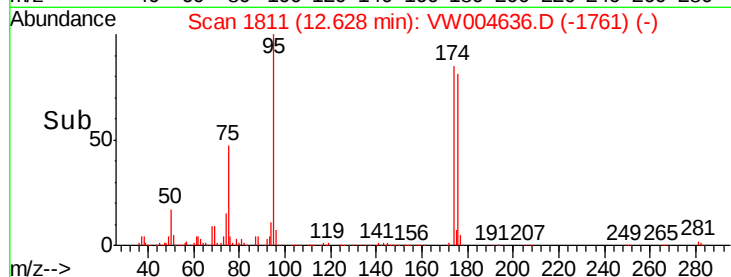
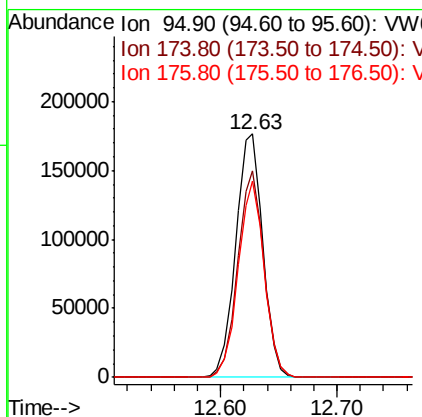
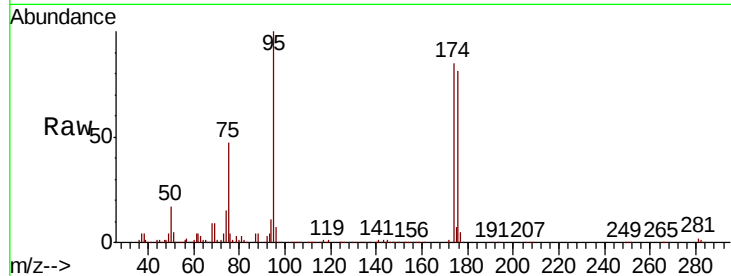




#62
4-Bromofluorobenzene
Concen: 29.778 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

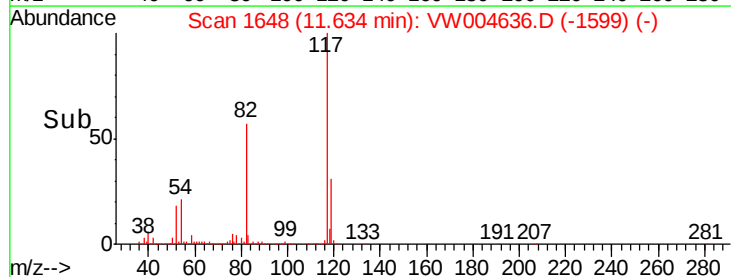
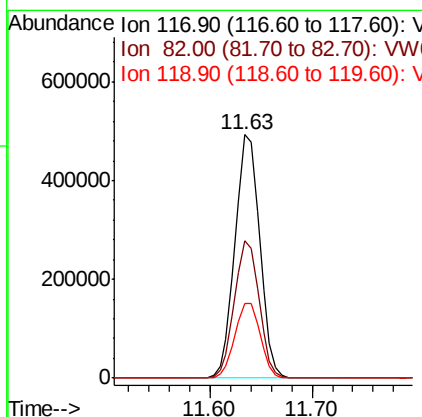
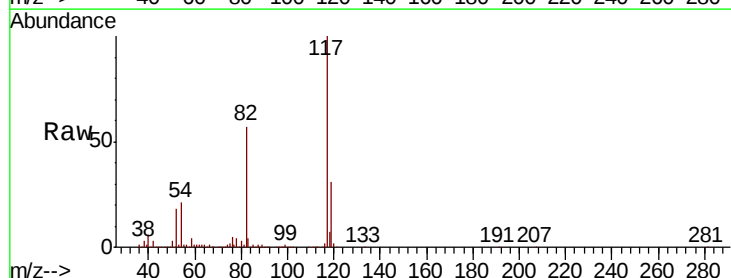
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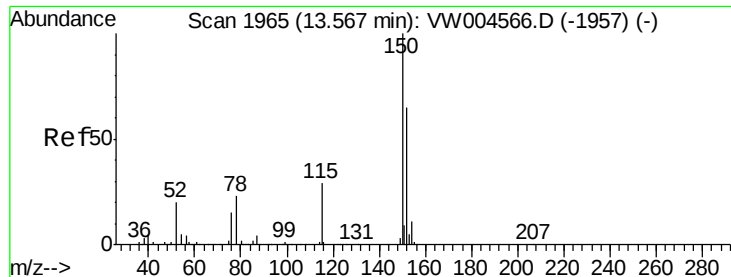
Tgt Ion: 95 Resp: 285660
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.4
176 77.8 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Tgt Ion: 117 Resp: 826170
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 30.6 26.2 39.4



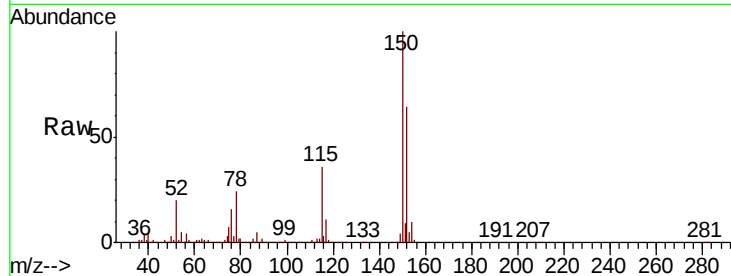


#72

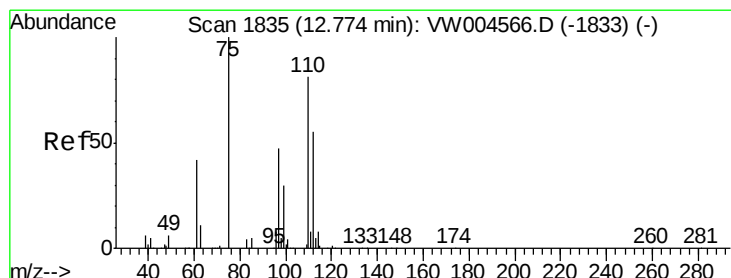
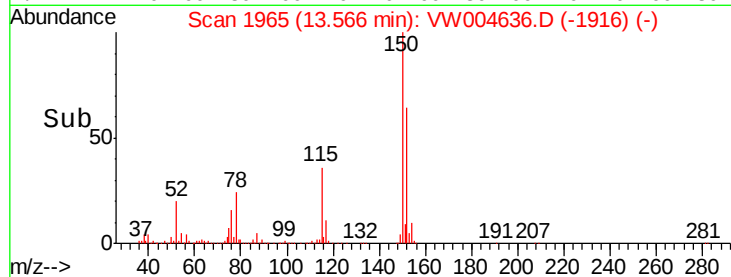
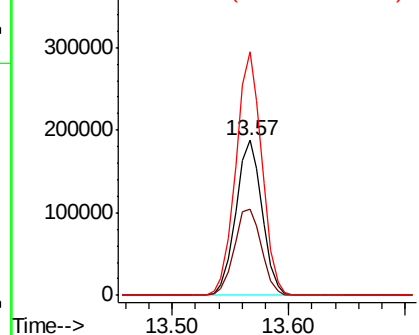
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-GRE

Tgt Ion: 152 Resp: 293970
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 155.5 0.0 349.6



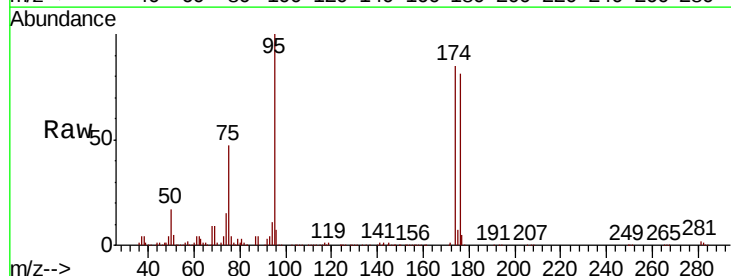
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



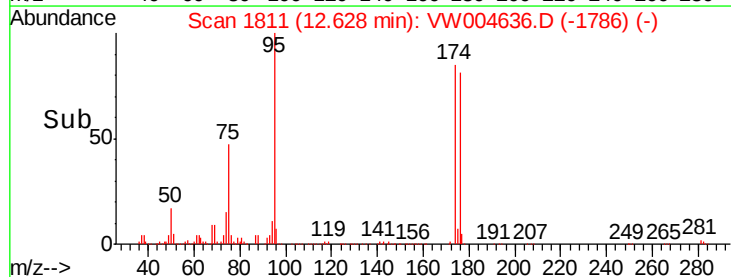
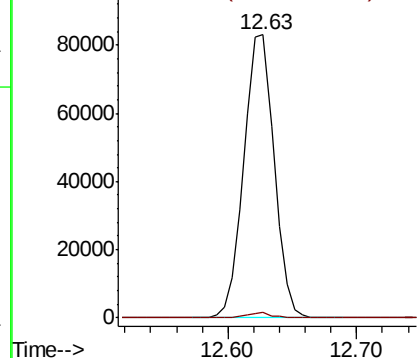
#76

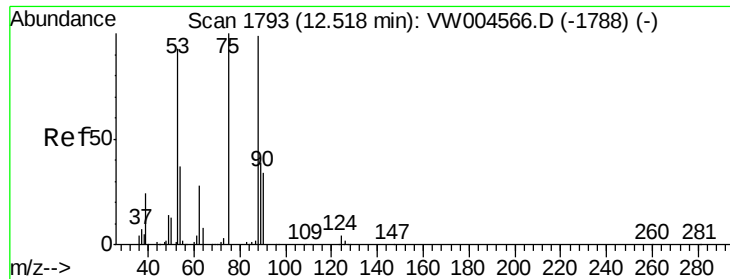
1,2,3-Trichloropropane
Concen: 44.456 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW004636.D
Acq: 11 Aug 2018 09:43

Tgt Ion: 75 Resp: 135234
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 106.423 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-GRE

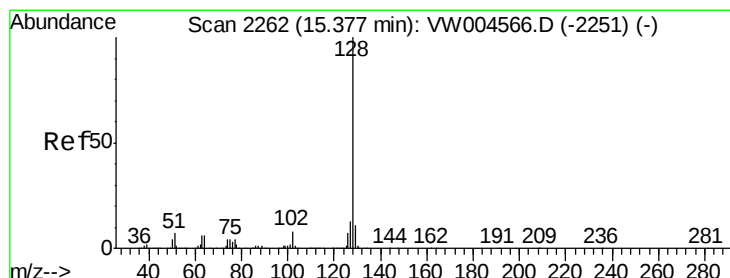
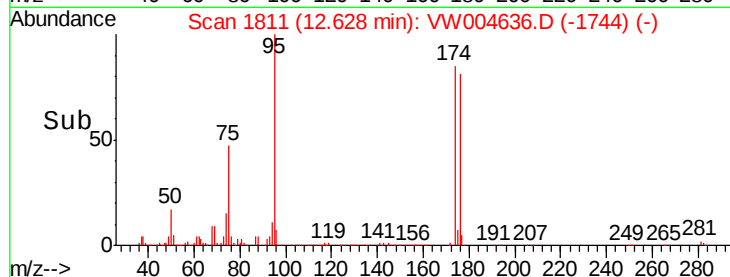
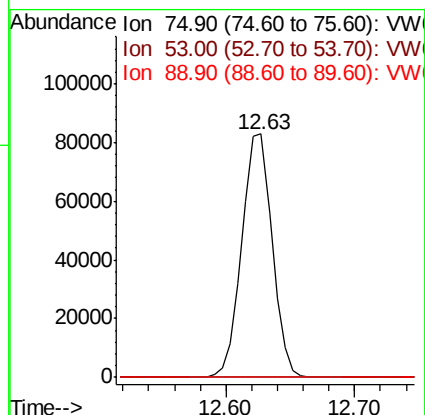
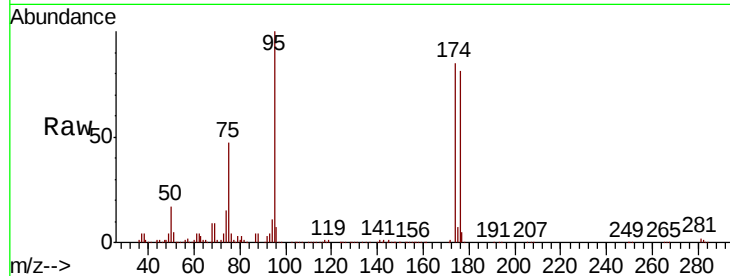
Tgt Ion: 75 Resp: 135234

Ion Ratio Lower Upper

75 100

53 0.2 74.4 111.6#

89 0.0 35.9 53.9#



#95

Naphthalene

Concen: 2.984 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004636.D

Acq: 11 Aug 2018 09:43

Tgt Ion: 128 Resp: 963

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 5.7 8.6 13.0#

