

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004627.D
 Acq On : 11 Aug 2018 05:52
 Operator : SY/AP
 Sample : J4272-19
 Misc : 578G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Aug 11 06:37:13 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	640178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1078956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	884165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	290371	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	348633	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	7.88	113	318555	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	
50) Toluene-d8	10.33	98	971323	35.42	ug/l	0.00
Spiked Amount			Recovery	=	70.84%	
62) 4-Bromofluorobenzene	12.62	95	267725	27.10	ug/l	0.00
Spiked Amount			Recovery	=	54.20%	

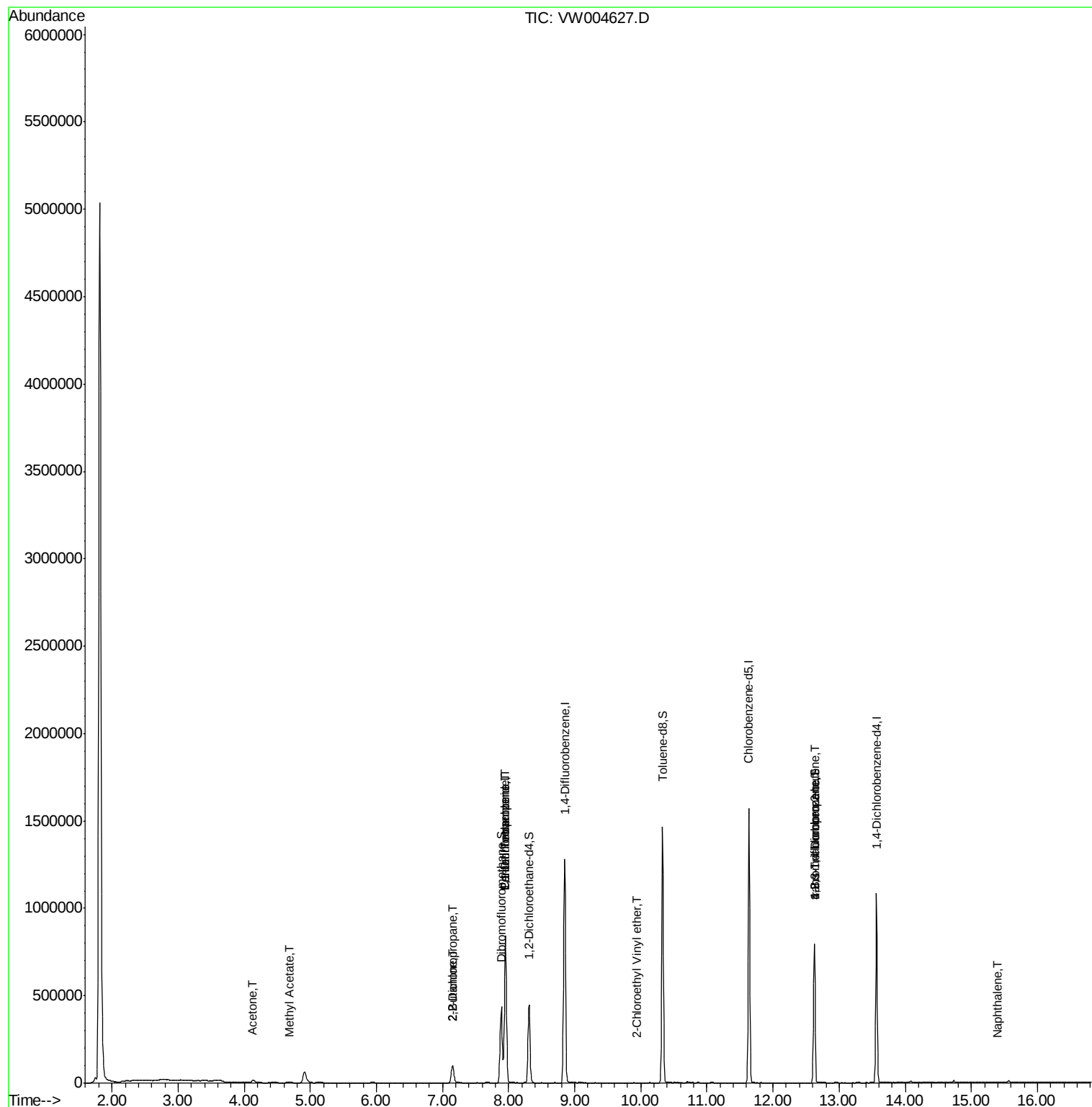
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	28762	16.252	ug/l	99
18) Methyl Acetate	4.68	43	10281	2.330	ug/l	99
20) Methylene Chloride	4.92	84	56622	Below Cal		93
25) 2-Butanone	7.16	43	5185	1.821	ug/l #	74
26) 2,2-Dichloropropane	7.15	77	7307	1.003	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	48936	4.212	ug/l #	49
38) Carbon Tetrachloride	7.95	117	60967	5.832	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.94	63	88	8.965	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	130003	43.267	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	130003	103.574	ug/l #	13
95) Naphthalene	15.38	128	538	2.954	ug/l #	93

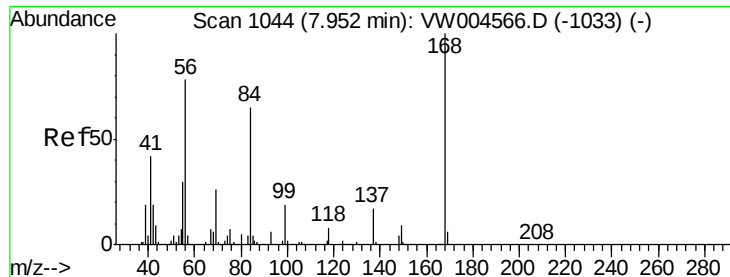
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004627.D

Acq: 11 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

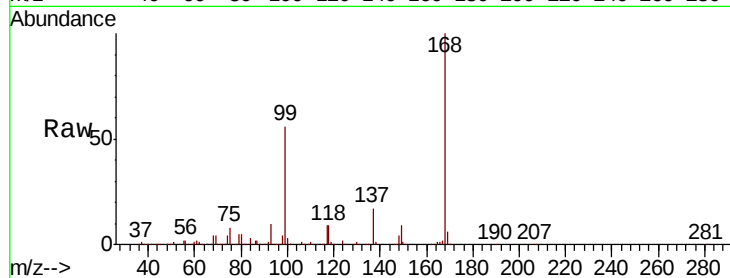
JC-03-080918-J

Tgt Ion:168 Resp: 640178

Ion Ratio Lower Upper

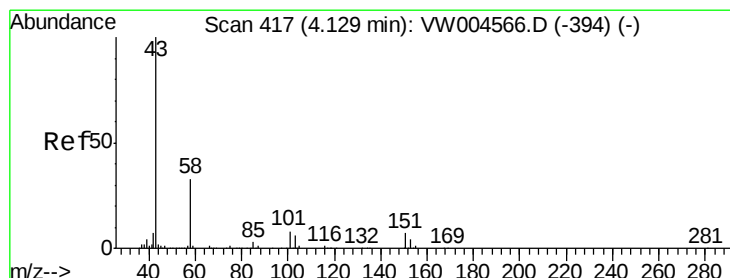
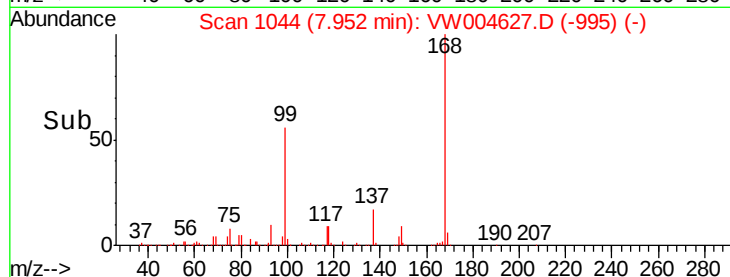
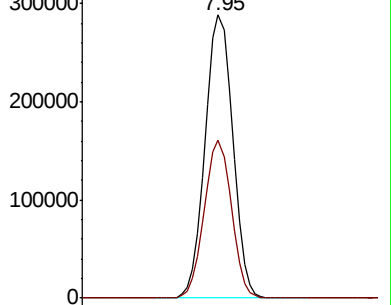
168 100

99 55.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.252 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004627.D

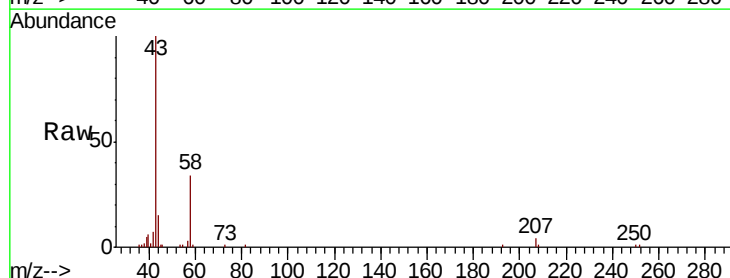
Acq: 11 Aug 2018 05:52

Tgt Ion: 43 Resp: 28762

Ion Ratio Lower Upper

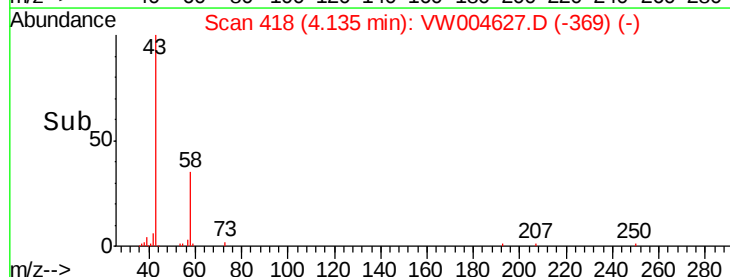
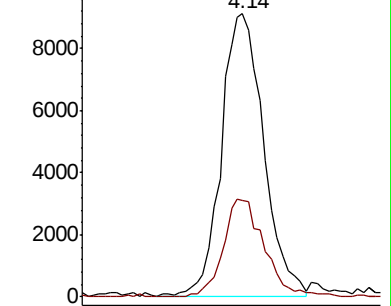
43 100

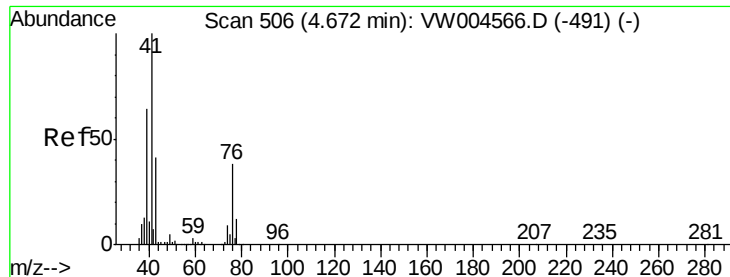
58 34.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

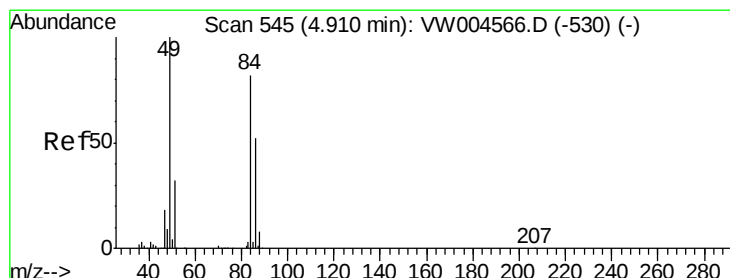
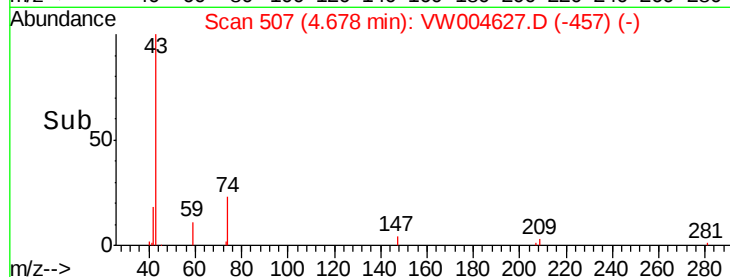
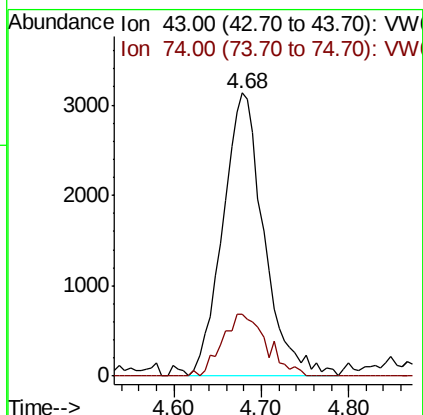
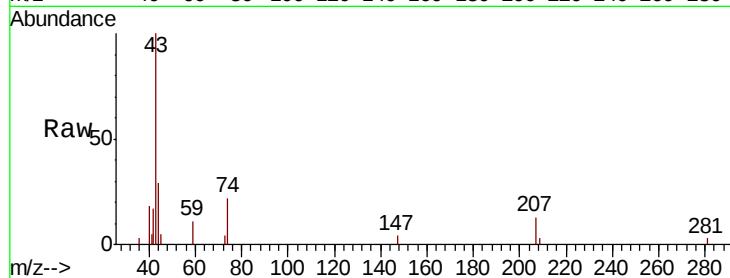




#18
Methyl Acetate
Concen: 2.330 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004627.D
Acq: 11 Aug 2018 05:52

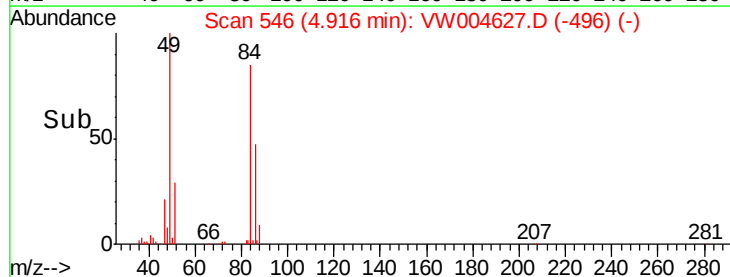
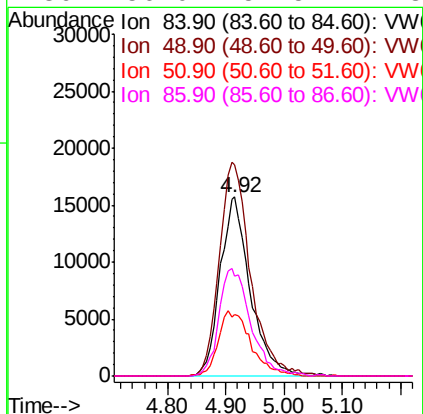
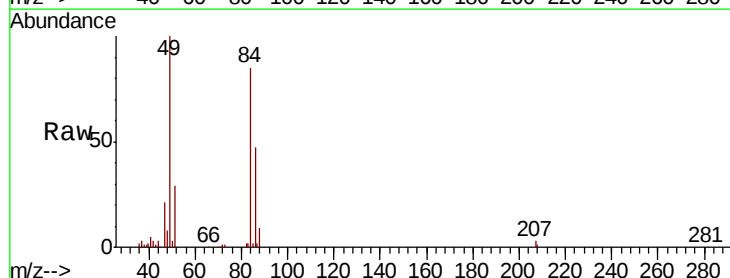
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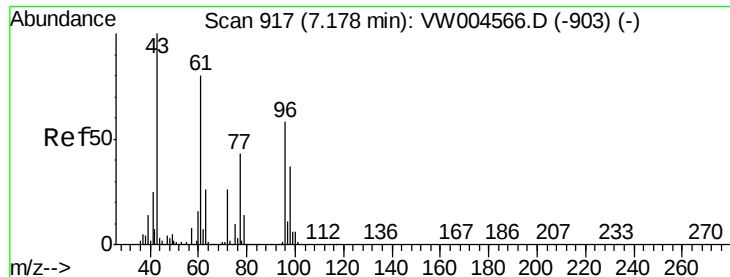
Tgt Ion: 43 Resp: 10281
Ion Ratio Lower Upper
43 100
74 23.6 19.1 28.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004627.D
Acq: 11 Aug 2018 05:52

Tgt Ion: 84 Resp: 56622
Ion Ratio Lower Upper
84 100
49 118.1 99.6 149.4
51 34.5 31.0 46.4
86 56.0 51.5 77.3





#25

2-Butanone

Concen: 1.821 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW004627.D

Acq: 11 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

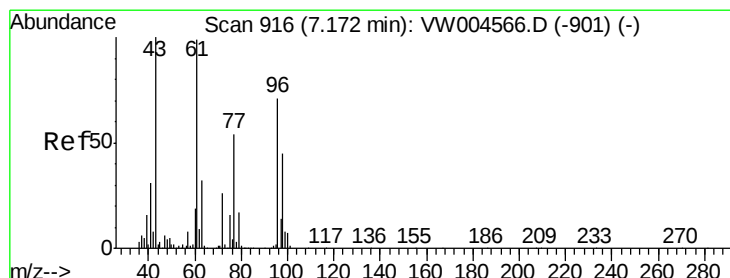
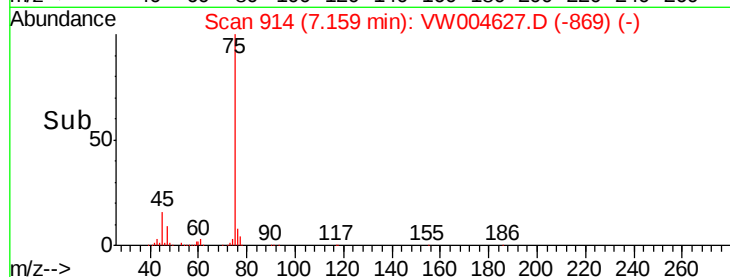
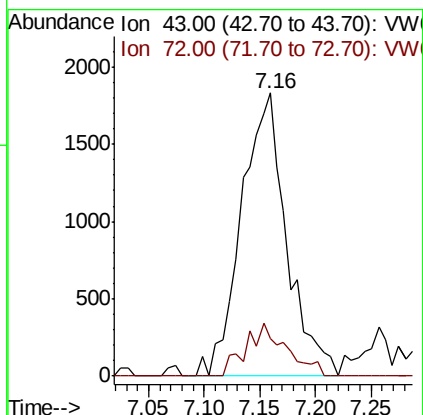
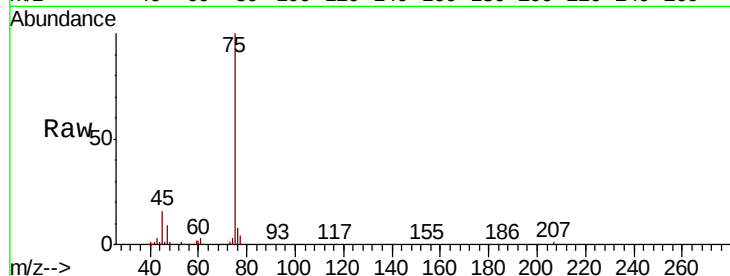
JC-03-080918-J

Tgt Ion: 43 Resp: 5185

Ion Ratio Lower Upper

43 100

72 13.2 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.003 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004627.D

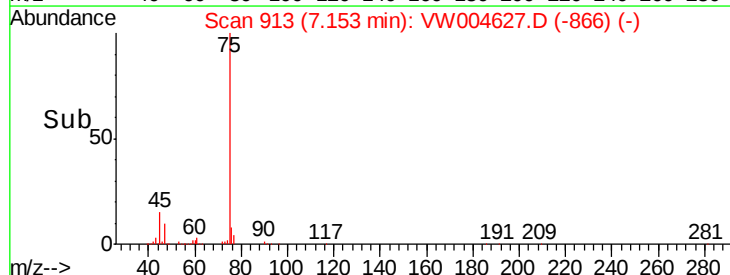
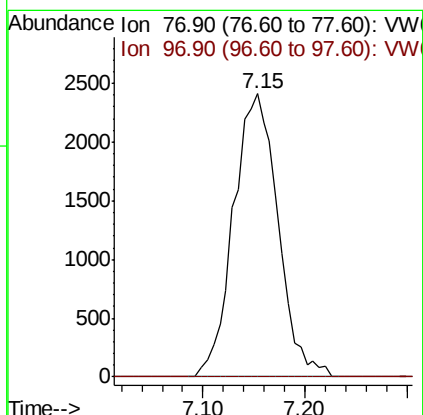
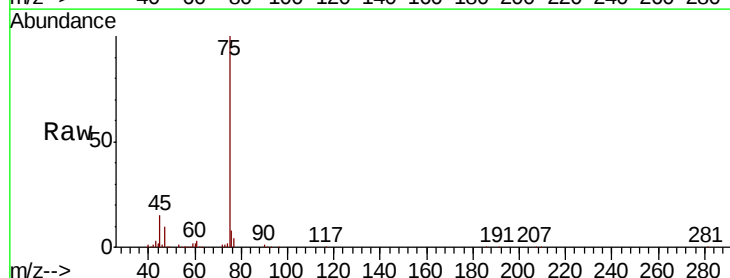
Acq: 11 Aug 2018 05:52

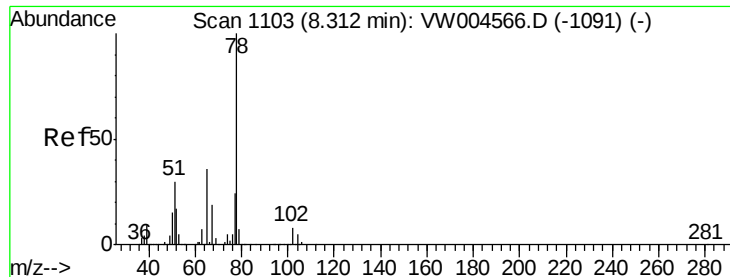
Tgt Ion: 77 Resp: 7307

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

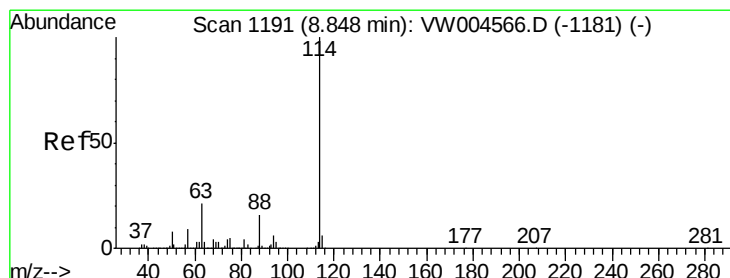
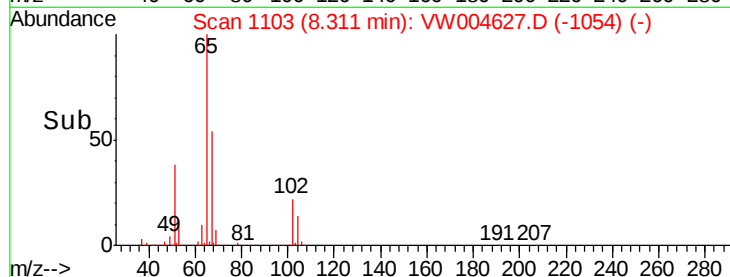
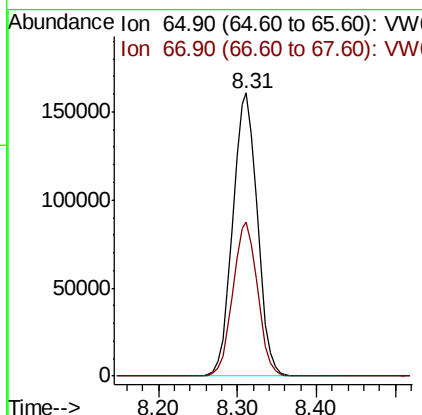
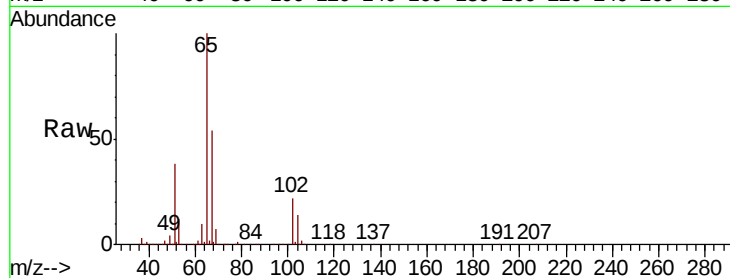




#33
 1,2-Dichloroethane-d4
 Concen: 49.196 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

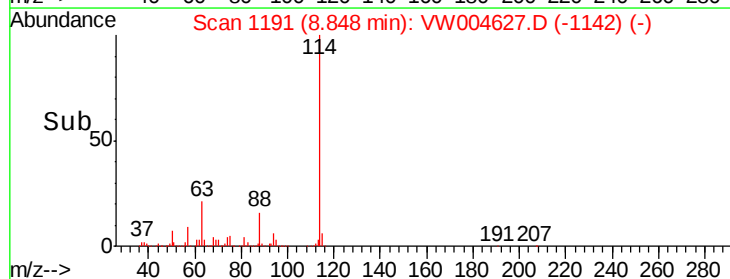
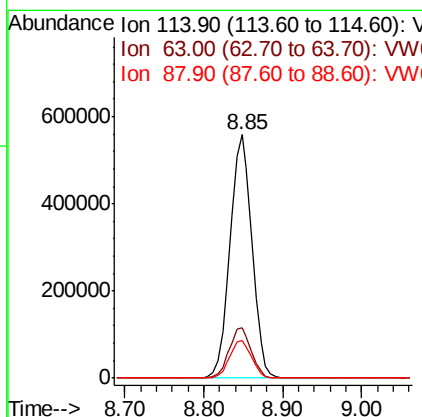
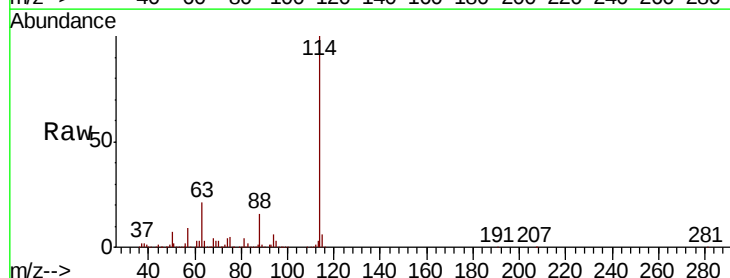
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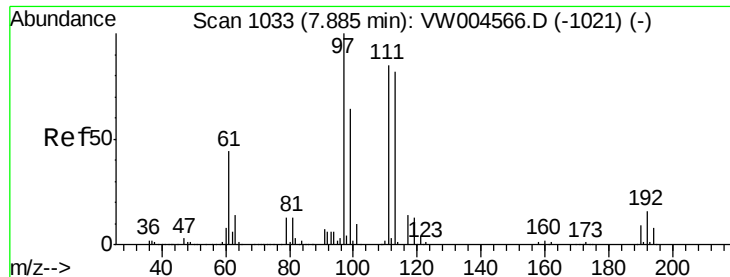
Tgt Ion: 65 Resp: 348633
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

Tgt Ion: 114 Resp: 1078956
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.6 0.0 31.2

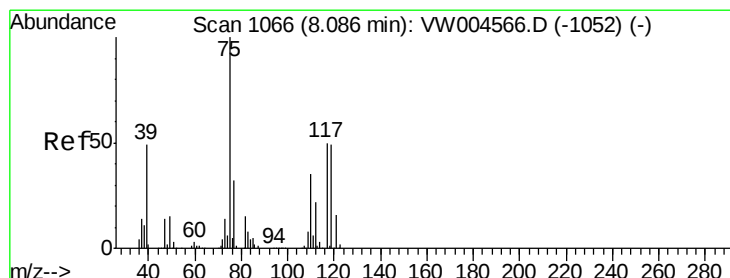
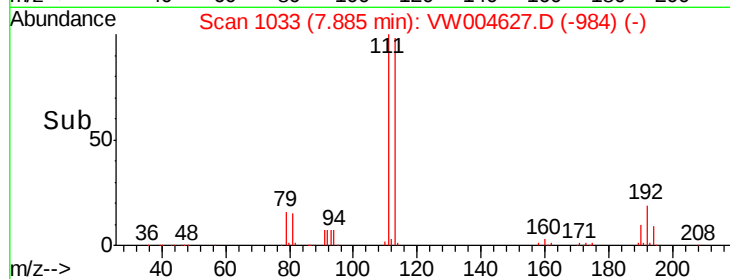
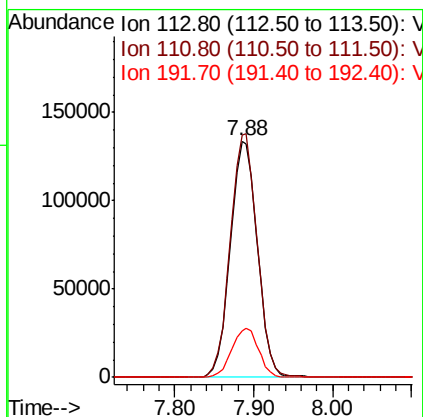
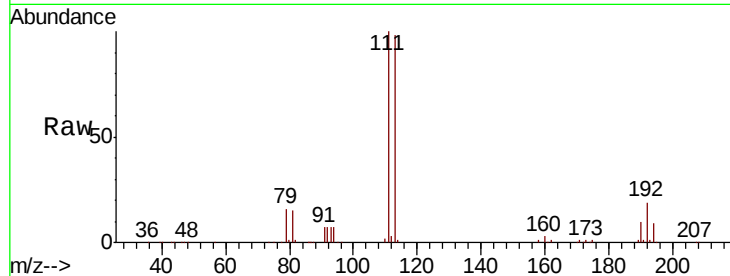




#35
 Dibromofluoromethane
 Concen: 44.280 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

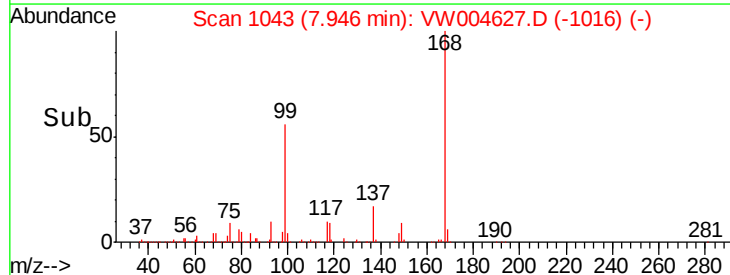
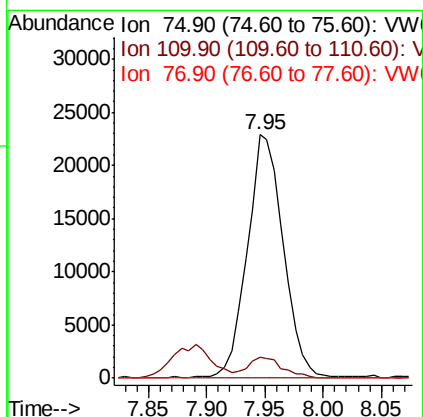
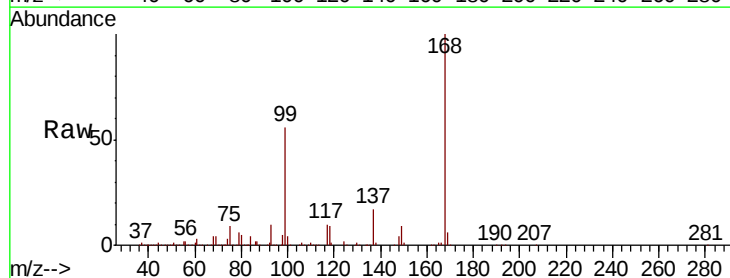
Instrument :
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 JC-03-080918-J

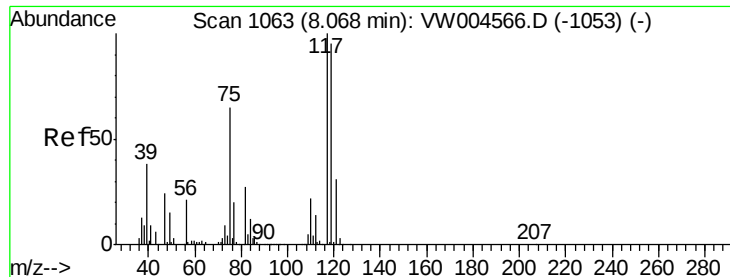
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	20.6	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.212 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.4	52.2#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.832 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004627.D

Acq: 11 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-J

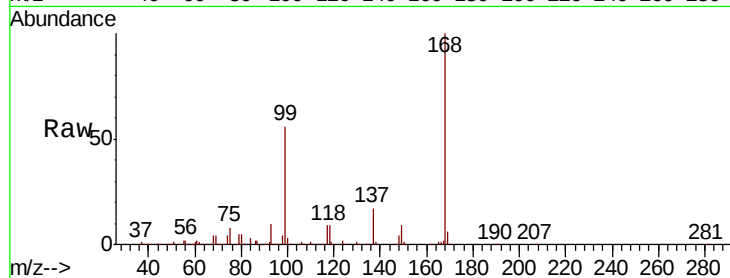
Tgt Ion:117 Resp: 60967

Ion Ratio Lower Upper

117 100

119 6.5 76.1 114.1#

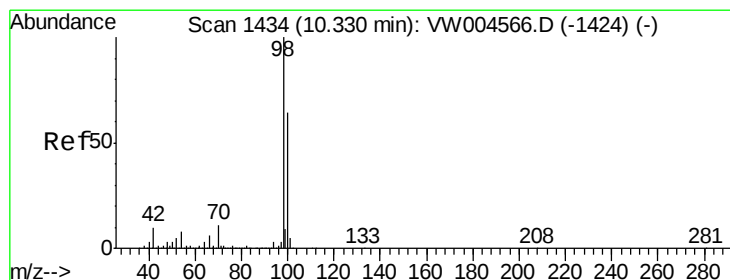
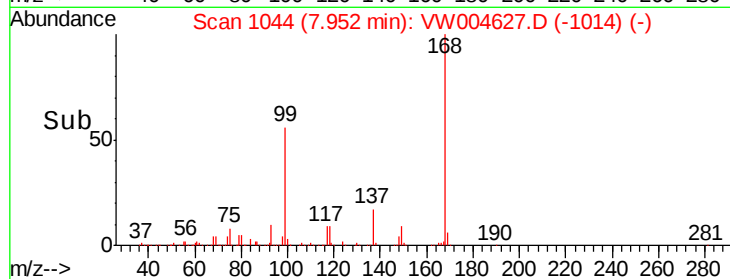
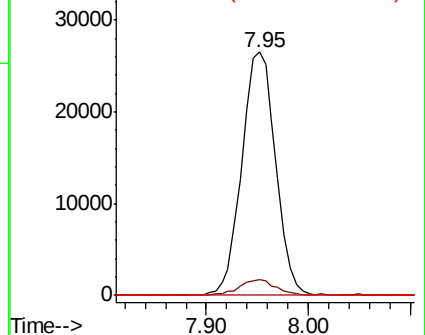
121 0.0 24.2 36.4#



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: 35.415 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004627.D

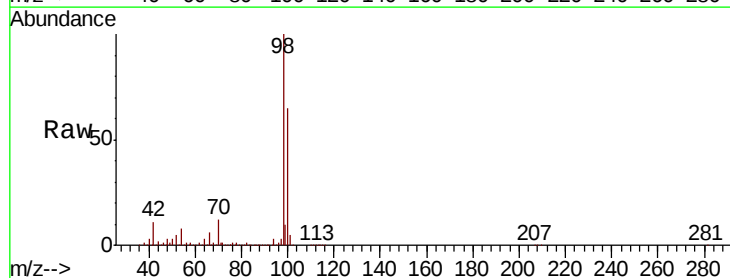
Acq: 11 Aug 2018 05:52

Tgt Ion: 98 Resp: 971323

Ion Ratio Lower Upper

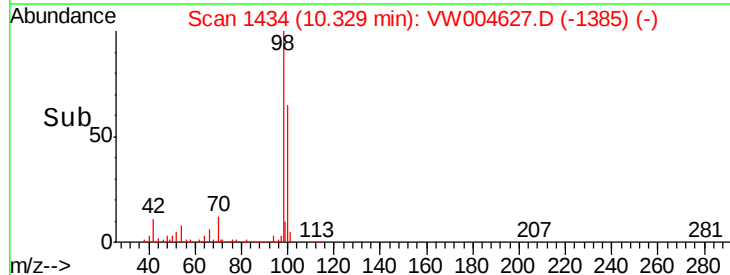
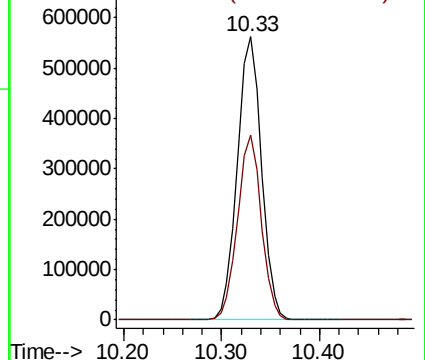
98 100

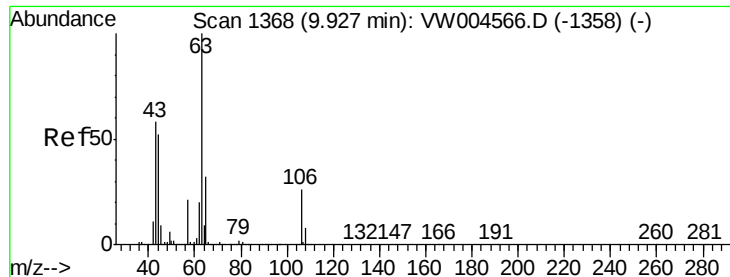
100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

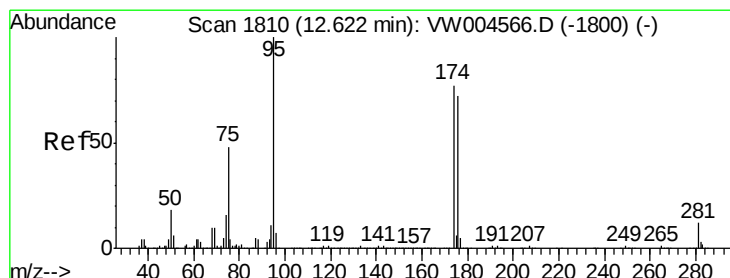
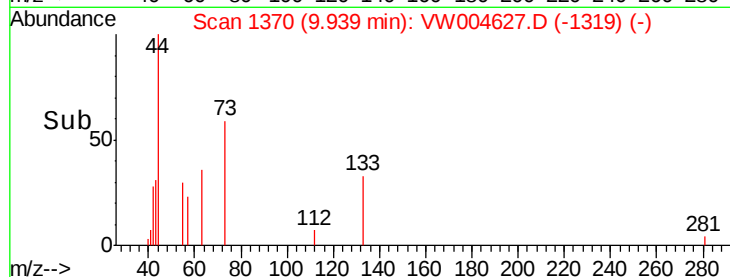
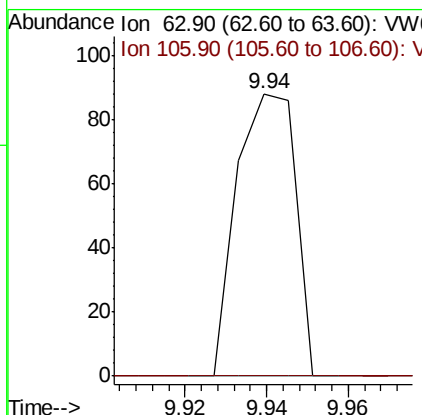
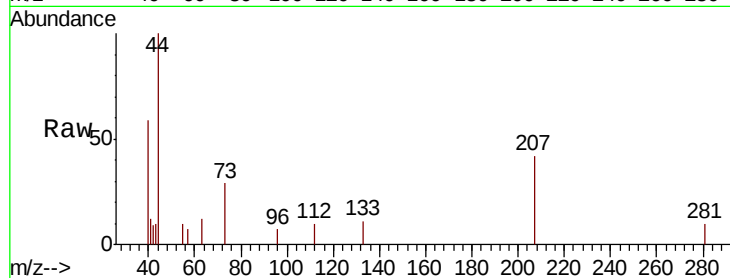




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.965 ug/l
 RT: 9.94 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

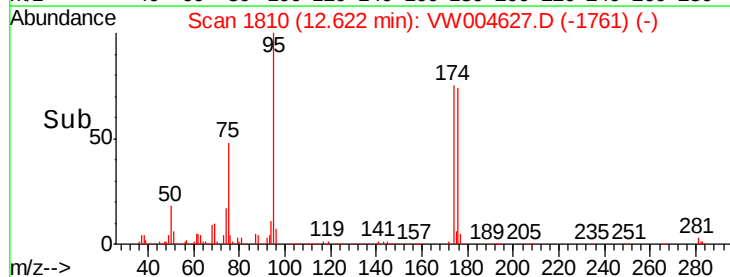
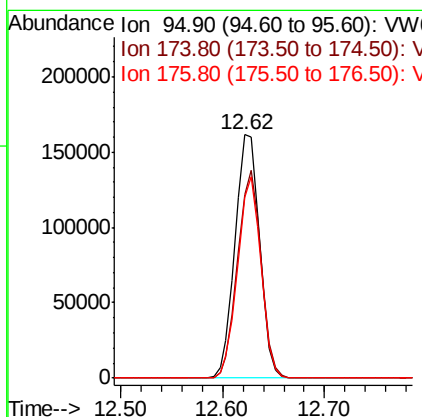
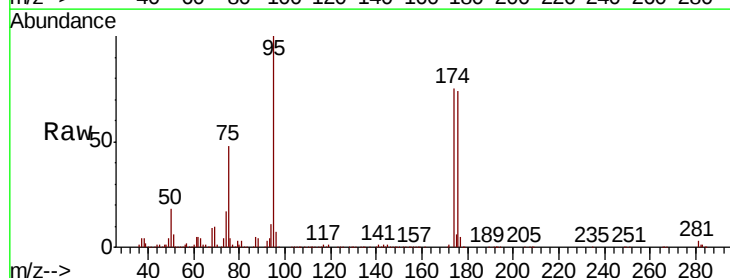
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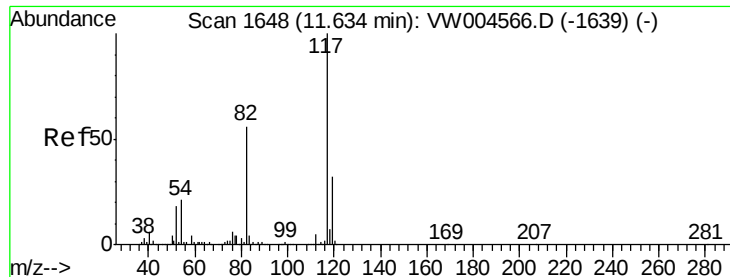
Tgt Ion: 63 Resp: 88
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 27.099 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004627.D
 Acq: 11 Aug 2018 05:52

Tgt Ion: 95 Resp: 267725
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 160.4
 176 78.6 0.0 153.2

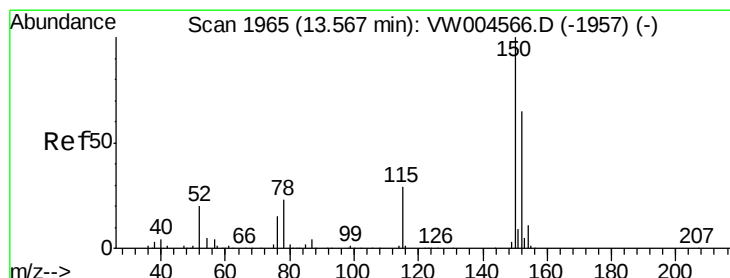
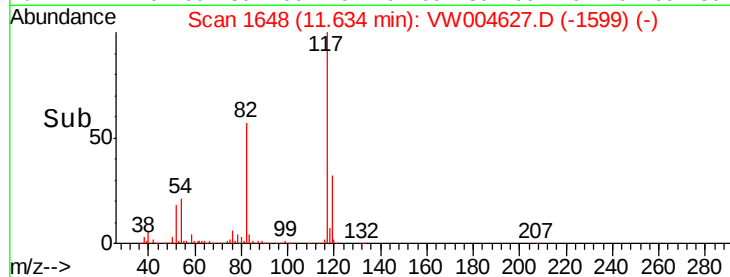
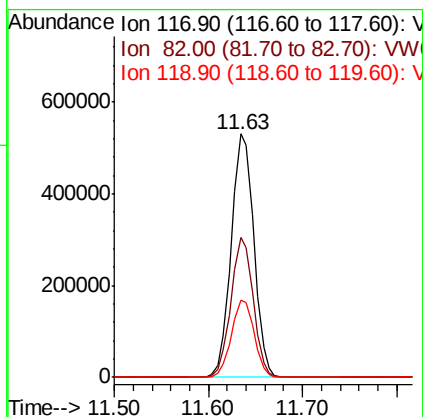
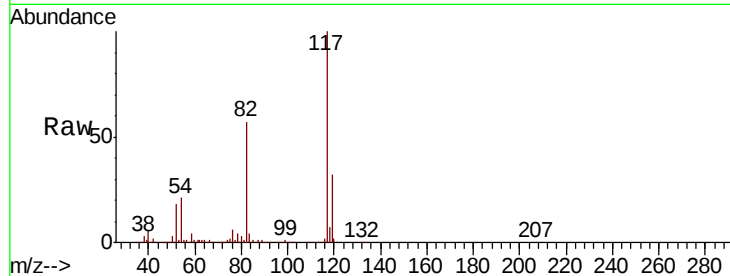




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004627.D
Acq: 11 Aug 2018 05:52

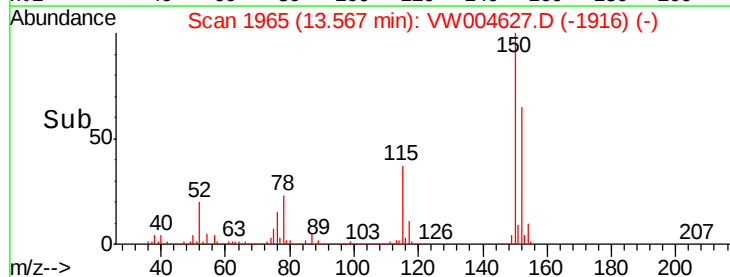
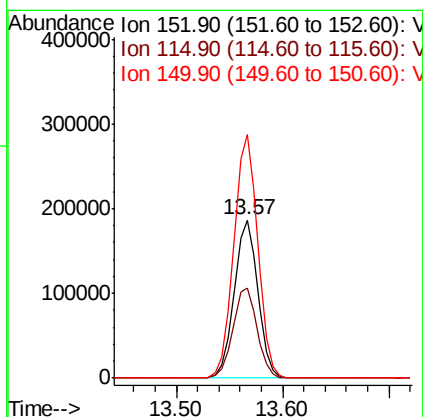
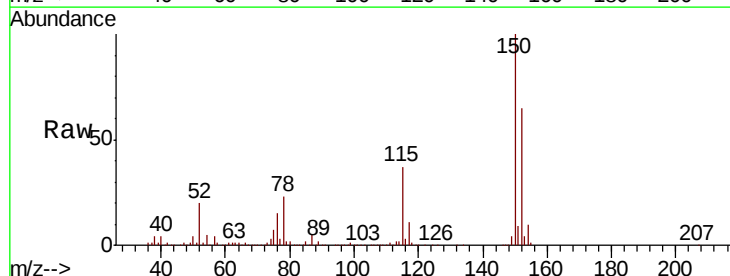
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-J

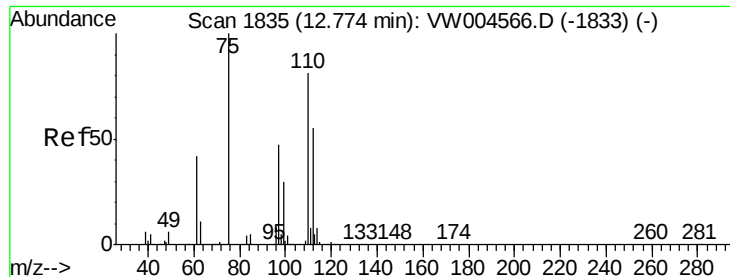
Tgt Ion:117 Resp: 884165
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004627.D
Acq: 11 Aug 2018 05:52

Tgt Ion:152 Resp: 290371
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 156.0 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 43.267 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004627.D

Acq: 11 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

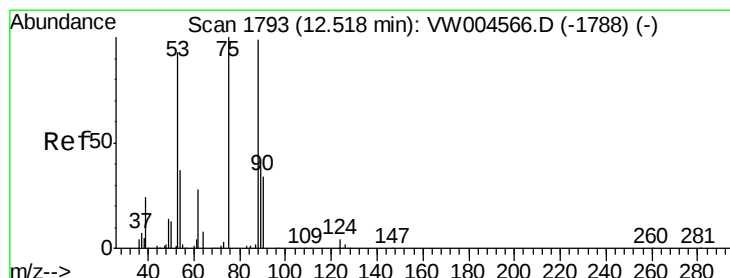
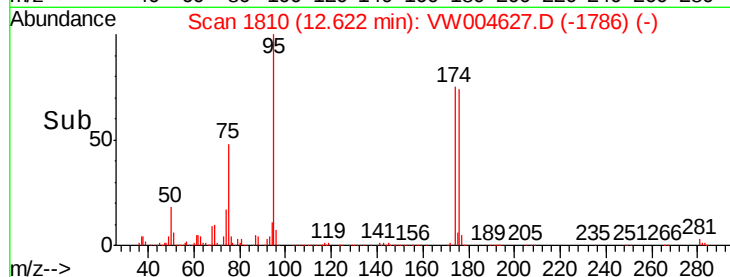
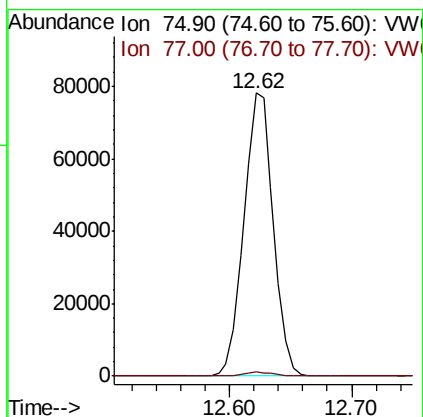
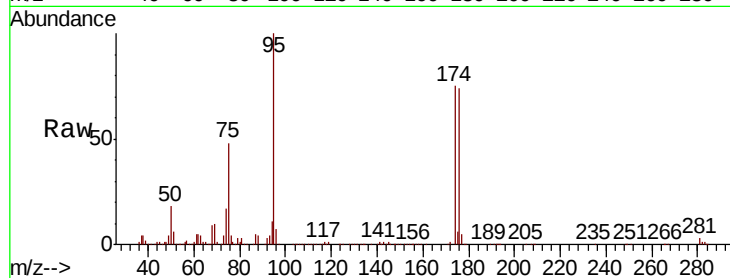
JC-03-080918-J

Tgt Ion: 75 Resp: 130003

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.574 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004627.D

Acq: 11 Aug 2018 05:52

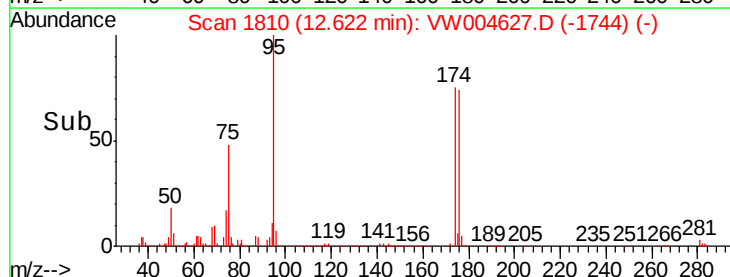
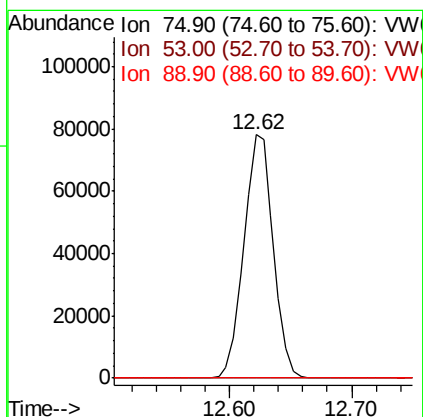
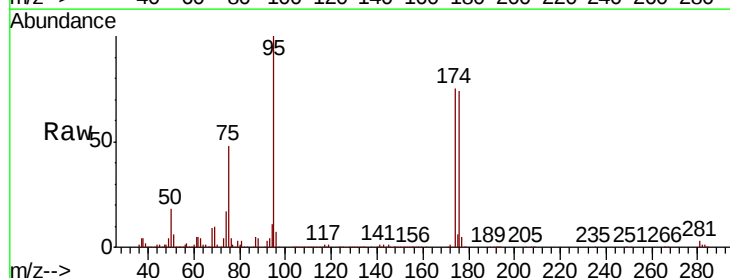
Tgt Ion: 75 Resp: 130003

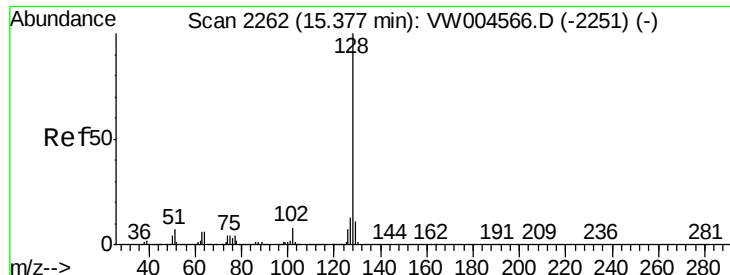
Ion Ratio Lower Upper

75 100

53 0.4 74.4 111.6#

89 0.0 35.9 53.9#





#95

Naphthalene

Concen: 2.954 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004627.D

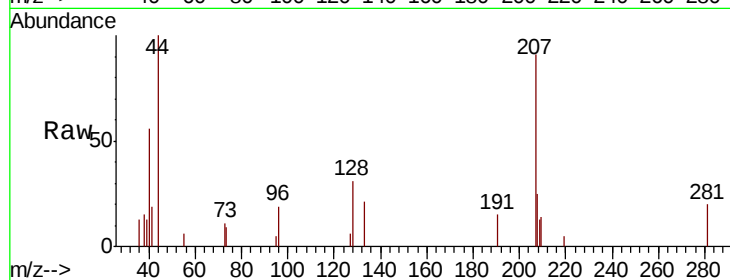
Acq: 11 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-J



Tgt Ion:	128	Resp:	538
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.3	15.5#
129	9.7	8.6	13.0

